



GOVERNMENT OF KERALA

REPORT ON 5th CENSUS OF MINOR IRRIGATION SCHEMES (2013-14)



IRRIGATION DEPARTMENT
2018



GOVERNMENT OF KERALA

**REPORT ON 5th CENSUS
OF
MINOR IRRIGATION SCHEMES (2013-14)**

**Irrigation Department
Government of Kerala
&
Ministry of Water Resources,
Government of India**

2018

PREFACE

The Fifth Minor Irrigation Census with Reference Year 2013-14 was conducted during 2015-16, under the Centrally Sponsored Schemes of Rationalisation of Minor Irrigation Statistics, Ministry of Water Resources, Government of India. The main purpose of the Census was to collect comprehensive detailed information on the status of Minor Irrigation Schemes, their working condition, mode of irrigation, irrigation potential created and utilized in each scheme. The census was limited to Minor Irrigation Schemes only, whose ayacut (Cultivable Command Area- CCA) is up to 2000 hectare. Dug wells, Shallow Tube Wells and Deep Tube Wells coming under Ground Water Schemes and Surface Flow and Surface Lift schemes under Surface Water Schemes are considered as Minor Irrigation Schemes. The primary data was collected in prescribed schedules by the Overseers and Draftsmen and supervised by the Assistant Engineers and Assistant Executive Engineers of Irrigation Department.

At this juncture, I would like to thank the Secretary of Water Resources, Additional Chief Secretary to Government, Planning and Economic Affairs Department, Smt. P. Lathika, Sri. N.S Harinarayanan, Sri. V.K. Mahanudevan, Former Chief Engineers (Irrigation and Administration), Deputy Chief Engineers (Irrigation and Administration) and Director General of Economics and Statistics who gave their full support and guidance in successful completion of the Minor Irrigation Census 2013-14.

I would also like to thank the Executive Engineers (Minor Irrigation) in all Districts who regularly monitored the field work and personally reviewed the progress made till the end of census operations.

I register my appreciation to the Overseers and Draftsmen of Irrigation Department who did the field work in collecting the qualitative information and completed it within the prescribed time schedule and Assistant Engineers, Assistant Executive Engineers and their team who provided all necessary information required by the field functionaries and supervised the work rigorously till the end of the census operations.

I also commend the responsibility and zeal with which the RMIS Cell of this Department and the staff, who right from the stage of imparting the training to the enumerators, regular supervision of field work, thorough scrutiny of schedules, had done excellent job in smooth conduct of the census work.

In this connection, I would like to acknowledge and appreciate Sri. Servesh Kumar & Smt. Sudha Midha, former Additional Director Generals, Sri. A. Nandakumar, Deputy Director General, Dr. S. P Sharma, former Director (Stat.) and Smt. Bindu Sreedathan, Director (Stat) Ministry of Water Resources Government of India, for their able guidance and support since the inception to the completion of the 5th Minor Irrigation Census.

Finally I wish to express my gratitude for the exemplary work turned out by Sri. P.D. Santhosh Kumar, Joint Director, right from the stage of planning, organizing, execution, processing, analysis, and publishing with the able assistance of the staff of RMIS Cell, viz, Sri. A. Chandrasekharan, former Senior Research Assistant, Sri. M. Nizarudeen, Statistical Officer, Sri. N. Unnikannan, Sri. K T Saithalavi, Sri.K.Murali, Sri. P. Arun Kumar, Smt. M.V. Pushpalatha, Smt. T.K. Shajibai, former Research Assistants, Sri. V. Radhakrishnan Nair, former Statistical Assistant Grade-I, Sri. R. Nirmal, Statistical Assistant Grade-I, Miss. Anjana Krishnan, Statistical Assistant Grade-II, Sri. S. Vijaya Kumaran and Smt. A. Nitha, former Office Attendants who all made this census operation a grand success. Also I would like to thank all staff in the Computer Division of Directorate of Economics and Statistics.

And I hope this report is of immense value for policy makers, project authorities, agriculturists and research scholars in understanding ground realities of investment made, assets created and for future decision making including gap filling.

Thiruvananthapuram
06/02/2019



Sri. K.A. Joshy
Chief Engineer (I&A) &
Census Commissioner

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CHAPTER 1

- **Development of RMIS Scheme**

The Centrally Sponsored Plan Scheme “Rationalisation of Minor Irrigation Statistics (RMIS)” was launched in 1987-88 with 100% Central Assistance to the States/UTs. RMIS was a sub-component of “Irrigation Census” component of the Plan Scheme DWRIS (Development of Water Resources Information System). Currently Irrigation Census (parent component of “RMIS”) is a standalone component under the Umbrella Scheme - Pradhan Mantri Krishi Sinchai Yojana (PMKSY) and Other Schemes.

The main objective of the RMIS scheme is to build up a comprehensive and reliable database in the Minor Irrigation (MI) sector for effective planning and policymaking. The major activity under the scheme is the Census of Minor Irrigation Schemes conducted in the States/UTs covering all ground water and surface water schemes (which are mostly under private ownership up to 2000 ha.). So far four Censuses have been conducted with reference years 1986-87, 1993-94, 2000-01 & 2006-07 respectively. The Census throws light on important aspects like Irrigation Potential Created and Utilized through minor irrigation structures both ground and surface water, water distribution practices employed by owners of these schemes and also sources used for energisation of these schemes.

For the implementation of the RMIS scheme, each State/UT identifies a Nodal Department for compilation of Minor Irrigation Statistics for the State. State Statistical Cells are generally created within the Nodal Department so identified by the State Government. These Cells assist the Head of the Nodal Department or Census Commissioner in the State in organizing, coordinating and supervising the minor irrigation census as and when planned by the Ministry.

- **Minor Irrigation Schemes**

All ground water schemes and surface water schemes (both flow and lift) having culturable command area up to 2,000 hectares individually are classified as Minor Irrigation schemes. The Ground Water schemes comprise of dug wells, dug-cum-bore wells, shallow, medium and deep tube wells. Dug wells covers ordinary open wells of varying dimensions, dug or sunk from the ground surface into water bearing stratum to extract water for irrigation. These are broadly masonry wells, kutchra wells and dug-cum-bore wells. Most of such schemes are of private nature belonging to individual cultivator. The depth of a shallow tube well is less than 35 metres, a medium tube well with depth in the range of 35-70 metres and a deep tube well extend to the depth of 70 metres and more.

The surface water scheme comprises of surface flow and surface lift schemes. The surface flow schemes typically consists of tanks, check-dams, structures and can serve as water conservation cum ground water recharge scheme. These structures are generally

prevalent in hilly regions. Surface lift schemes are generally built in regions where topography does not permit direct flow irrigation from rivers and streams and hence water has to be lifted into irrigation channels. These works are similar to diversion schemes, but in addition, pumps are installed and pump-houses are also constructed.

- **Census of Minor Irrigation Schemes**

Irrigation schemes using either ground water or surface water and having a Culturable Command Area (CCA) of less than 2000 hectare individually are categorized as Minor Irrigation (MI) Schemes. The schemes have been categorized broadly into six major types: (1) Dug wells (2) Shallow Tube wells (3) Medium Tube wells (4) Deep Tube wells (5) Surface flow schemes and (6) Surface lift schemes, the first four categories belonging to Ground Water and the latter two under Surface Water Schemes.

Irrigation has played a major role in India's agricultural growth. Since a major share of irrigation is contributed by minor irrigation schemes across the country, there was a need for a sound and reliable data base on the minor irrigation sector, which will provide a strong foundation for planning and policy formulation. So far five Minor irrigation Censuses have been conducted in order to meet this objective.

- **Minor Irrigation Census – Chronology**

The first census of Minor Irrigation schemes was conducted with reference year 1986-87 and the report was published in November 1993. The second MI census with reference year 1993-94 was initiated in September 1994 and the report was published in March 2001. The report of 3rd census of MI Schemes with reference year 2000-2001 was released in November 2005. The 4th Census of MI Schemes was conducted with reference year 2006-07. The national report of 4th MI census was published in 2014.

- **5th Minor Irrigation Census**

The 5th Census of Minor Irrigation Schemes was conducted with reference year 2013-14. Three schedules namely Panchayath Schedule, Ground Water Schedule and Surface Water Schedule were canvassed in this Census. The field work of the Minor Irrigation Census commenced in 2014 -15.

CHAPTER 2

- **Census Commissioner, Nodal Officer and Field agencies**

The Minor Irrigation Census is conducted by the RMIS scheme under the Irrigation Department, Government of Kerala. Chief Engineer (Irrigation & Administration) is the Census Commissioner and Joint Director, RMIS Cell is the Nodal Officer of the MI Census in the State.

- **Methodology of Data Collection**

As in the earlier 4th MI Census, the methodology for conducting 5th MI Census involved canvassing paper based enumeration schedules for collecting Panchayath level and MI scheme-wise data in the rural and urban areas. There were 3 types of schedules used for enumeration namely Panchayath Schedules, Ground Water & Surface Water Schedules. These schedules were normally canvassed by the Overseers / Draftsmen and other technical staff of the State Irrigation Department and were given intensive training before the commencement of the field work. The details included in the Panchayath Schedule were collected from various Government records. The other two schedules of 5th MI Census were canvassed through local enquiry from the owners of the schemes. In case of institutional schemes the information was collected from available records.

- **Coordination Mechanism**

A State Level Steering Committee was constituted under the Chairmanship of Additional Chief Secretary, Water Resources Department and members from the State Departments of Revenue, Irrigation, Panchayath Raj, State Planning, Directorate of Economics and Statistics, Rural Development and State head of National Sample Survey Office (Field Operations Division). Regional Chief Engineer of Central Water Commission / Central Ground Water Board are also members of this Committee. The Steering Committee was entrusted with the monitoring and guidance of the entire census exercise in the State for conducting the Census in a proper and timely manner.

Also a Technical Committee was formed under the chairmanship of Regional Chief Engineer of Central Water Commission and representatives from Regional office of CGWB and other concerned departments to provide technical inputs and guide the State Nodal Statistical Cell during the Census operations.

- **Training and Capacity Building for Data Collection**

The Training for the 5th MI Census commenced formally with the organisation of the All India Training Workshop for the Trainers at New Delhi in which officers from each State/UT participated. In addition, a regional training workshop was conducted for Southern States in Chennai. The State & District level training workshops were conducted in the State & District Headquarters in which the district level officers and block level officers and enumerators

respectively were trained and the details of the methodology adopted for the Census, its procedure, concepts and definitions etc. are discussed.

- **Field Work, Supervision, Inspection & Monitoring**

The field work of the MI census was carried out by the Overseers / Draftsmen of the Department of Irrigation. The Enumerators visit the owner of the Minor Irrigation Schemes and collect information on the basis of personal enquiry method. The physical verification of the schemes was also done by the enumerators. The purpose of the Census is explained to the farmers to win over their confidence in revealing the specific information in respect of Minor Irrigation works. Certain information relating to the scheme was collected by the enumerators by physical examination of the scheme. After filling up the schedules, the enumerators handed over all completed schedules to the District Headquarters through Block level supervisors.

The field work was monitored and supervised regularly by the State Census Commissioner, Nodal officer of the Census and the Statistical Officers in the Head Quarters in State level and the Executive Engineers in District level and the Asst. Executive Engineers in Block level.

Also Ministry of Water Resources, Government of India has directed the Central Water Commission, to conduct field inspection of 10% of units covered under the 5th Minor Irrigation Census in the state. On the basis of this, a field inspection was carried out in Thiruvananthapuram, Kottayam, Ernakulam and Kozhikode districts by the Central Water Commission, Kochi.

The State/UT Governments submitted Monthly Progress Report regarding the various phases of Census work in the prescribed Performa to the Ministry by email and by post .

- **Computerisation of Census Data**

For the first time, a software was developed for computerisation of data of the 5th MI census by the National Informatics Centre (NIC), Ministry of Water Resources, River Development and Ganga Rejuvenation. This eliminated the need for separate installation of software in States/UTs, as in previous Census. The real-time Progress Monitoring module enables to view the progress in data entry and take timely corrective action both at the Central as well as State/UT level, thereby reducing errors. In addition, the software has different modules for data entry, validation and updation by States/UTs apart from tabulation and other useful reports. Central and State Government officials in the Nodal Department were provided separate user credentials for accessing the software as per requirements.

The enumerated schedules were scrutinised in the RMIS Cell at the State Irrigation Headquarters. The data entry and validation of data of 5th MI Census schedules were carried out in the computer division of Directorate of Economics & Statistics on the web-based online software developed by NIC.

CHAPTER 3

• Analysis & Key Findings

5th Census of Minor Irrigation schemes was conducted with reference year 2013-14. This Census covered 14 districts and 1043 Panchayaths / Municipalities / Corporations in the State. It involved 103657 minor irrigation structures in 1043 Panchayaths / Municipalities / Corporations and was completed by Enumerators in Kerala under the overall supervision of State Nodal Department for compilation minor irrigation statistics under RMIS scheme.

Key findings of this Census based on parameter wise analysis, Scheme wise analysis and comparison with 4th Census are summarized as under.

- 1) There were 193396 MI schemes and 103657 MI schemes in 4th & 5th MI Census respectively. The total number of schemes in 5th MI Census was decreased by 46.40% compared to 4th MI Census. The major decrease was in Ground Water schemes and there were no major variation in Surface Water schemes.
- 2) In 4th MI Census, there were 169789 Ground Water Schemes (viz. Dug Wells, Shallow Tube Wells, Medium Tube Wells & Deep Tube Wells) and 23607 Surface Water Schemes (Surface Flow Schemes and Surface Lift Schemes). But in 5th MI Census, there were 82468 Ground Water Schemes and 21189 Surface Water Schemes. That means, during the 4th MI Census, 87.79% of the MI schemes were Ground Water Schemes and remaining 12.21% were Surface Water Schemes but in 5th MI Census 79.56% schemes were Ground Water and 20.44% were Surface Water Schemes.
- 3) Irrigation Potential Created (IPC) and Irrigation potential Utilized (IPU) from Ground Water and Surface Water Schemes in use have declined in the 5th MI Census. Irrigation Potential Created has decreased from 360455 hectares in 4th Census to 244705 hectares in 5th Census. Similarly Irrigation Potential Utilized has decreased from 338920 hectares in 4th Census to 225872 hectares in 5th Census which shows a decrease of around 33.36% during this period.
- 4) The total Irrigation Potential Created in the State by the Minor Irrigation Schemes in use during 2013-14 was 244705 hectares and the irrigation potential utilized was 225872 hectares ie. a loss of 7.70% of Irrigation Potential.
- 5) A majority of the MI Schemes ie,93.71% are under private ownership. Most of the MI structures are owned by individual farmers and hence it has maximum outreach for irrigation purposes. Also, small and marginal farmers having less than 2Ha of land own a major share of MI schemes. This emphasizes the need for strengthening the network of MI structures for irrigation purposes, which will play a crucial role in improving the livelihood of these farmers.

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- 6) The major source of finance for installation of MI schemes is own savings of the farmers, pointing out the need for more financial support to the farmers by the financial institutions.
- 7) Though the share of open channels for conveying water to the fields has reduced in 5th MI Census, but it still remains the major mode of water distribution. Underground pipe, Sprinkler & Drip irrigation systems in the Surface water schemes have increased.
- 8) Electricity is the major source of energy for the MI schemes during 5th MI Census in Kerala.
- 9) Out of 103657 schemes, 1.64% schemes, ie. 1696 were owned by Scheduled Caste, 0.55%, ie. 570 belongs to Scheduled Tribe, 40.21% of schemes ie. 41679 schemes belongs to Other Backward Classes and the remaining 48.97% schemes, i.e. around 50759 belongs to other category. 8.63% of schemes, ie. 8953 schemes were owned by Government and Local bodies (other than individual farmers).
- 10) Regarding functional status of Minor Irrigation schemes as many as 437 (0.42%) schemes were found to be not in use due to various reasons such as dried up abandoned, destroyed or sunk, siltation, and inadequate power supply etc.
- 11) Among season wise potential utilized for in use and temporary not in use schemes, Kharif season of 2013-14 recorded 50520 (22.12%) hectares, 70125 (30.71%) during Rabi, Perennial crops recorded 82141 (35.97%) hectares and Others recorded 25561 (11.19%) hectares, the area utilized during 2013–14 was 228347 hectares.
- 12) A potential of 247631 hectares was created during the period of 5th MI Census from 103541 in use and temporary not in use schemes out of which 19953 hectares were lost due to various constraints like non availability of adequate power, mechanical breakdown, less discharge of water and for other reasons.

Number of Ground Water Schemes and Surface Water Schemes from 1st to 5th Minor Irrigation Census.

(In Nos.)

Schemes	1st Census (1986-87)	2nd Census (1993-94)	3rd Census (2000-01)	4th Census (2006-07)	5th Census (2013-14)
Dug well	124021	89849	165956	162826	74258
Shallow Tube Well	-	2006	4680	5913	4503
Medium Tube Well	-	-	-	-	1939
Deep Tube Well	-	79	227	1050	1768
Surface Flow Schemes	9223	8091	10957	8580	7406
Surface Lift Schemes	52461	8722	13493	15027	13783

Irrigation Potential Created/Utilized under Minor Irrigation Schemes in use in 4th & 5th MI Census

(Area in Ha.)

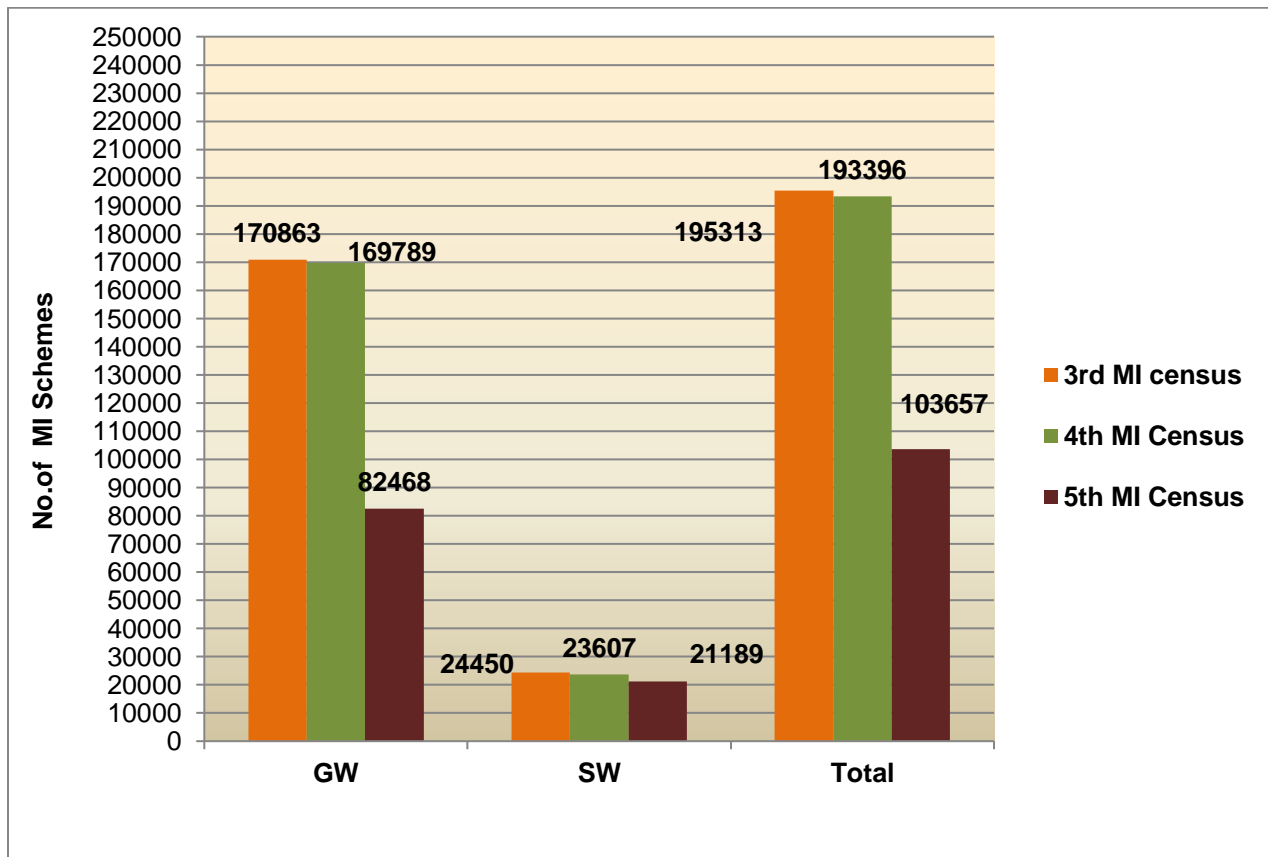
Schemes	4th Census(2006-07)			5th Census(2013-14)		
	Irrigation Potential Created	Irrigation Potential Utilized	Irrigation Potential Loss	Irrigation Potential Created	Irrigation Potential Utilized	Irrigation Potential Loss
Ground Water Schemes	113721	108476	5245	46710	44433	2277
Surface Water Schemes	246734	230444	16290	197995	181439	16556
Total	360455	338920	21535	244705	225872	18833

Diagrammatic analysis of 5th MI Census with 3rd & 4th MI Census

i) Minor Irrigation Schemes according to number of schemes

(In Nos.)

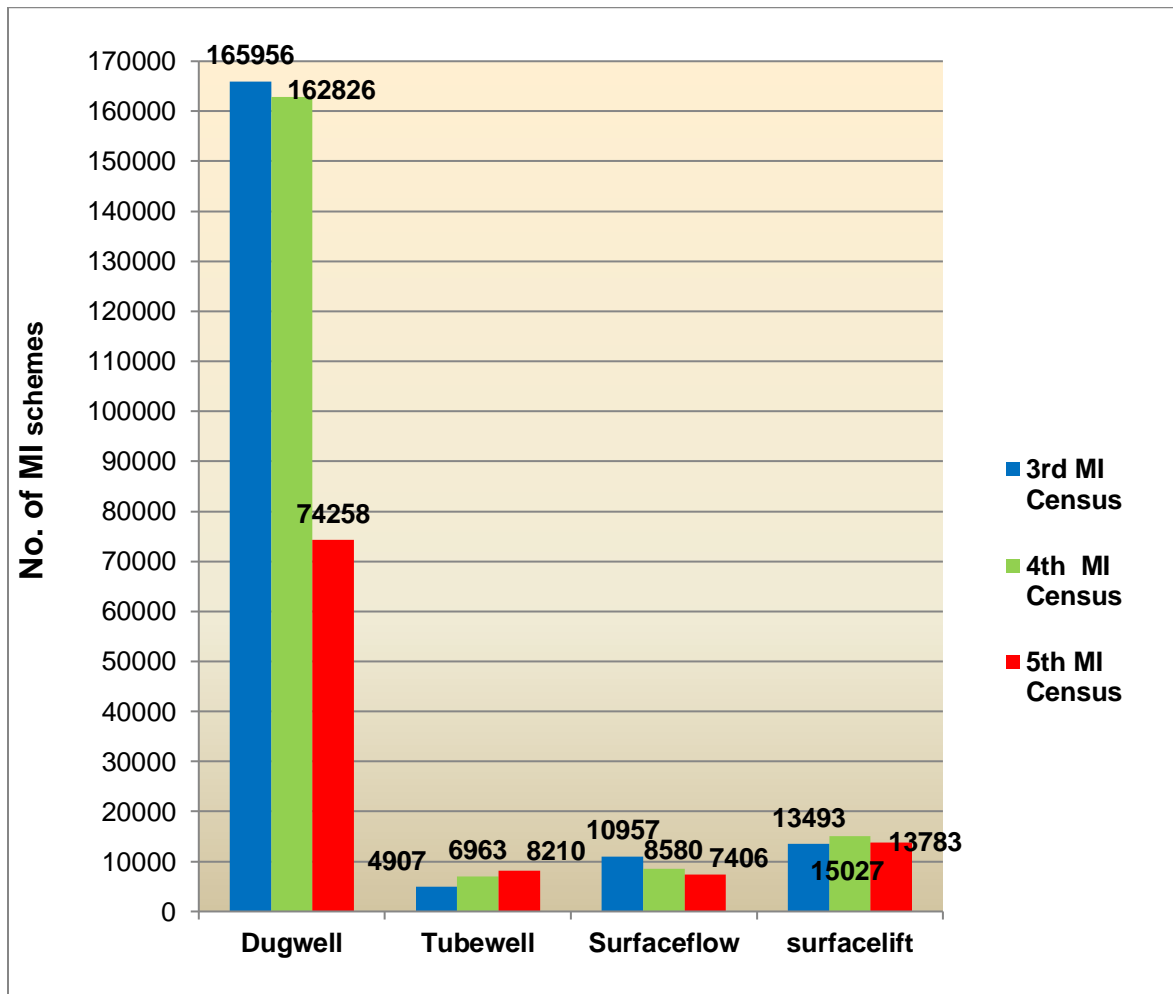
Schemes	3rd MI census	4th MI Census	5th MI Census
Ground Water (GW) Schemes	170863	169789	82468
Surface Water (SW) schemes	24450	23607	21189
Total	195313	193396	103657



ii) MI Schemes according to type

(In Nos.)

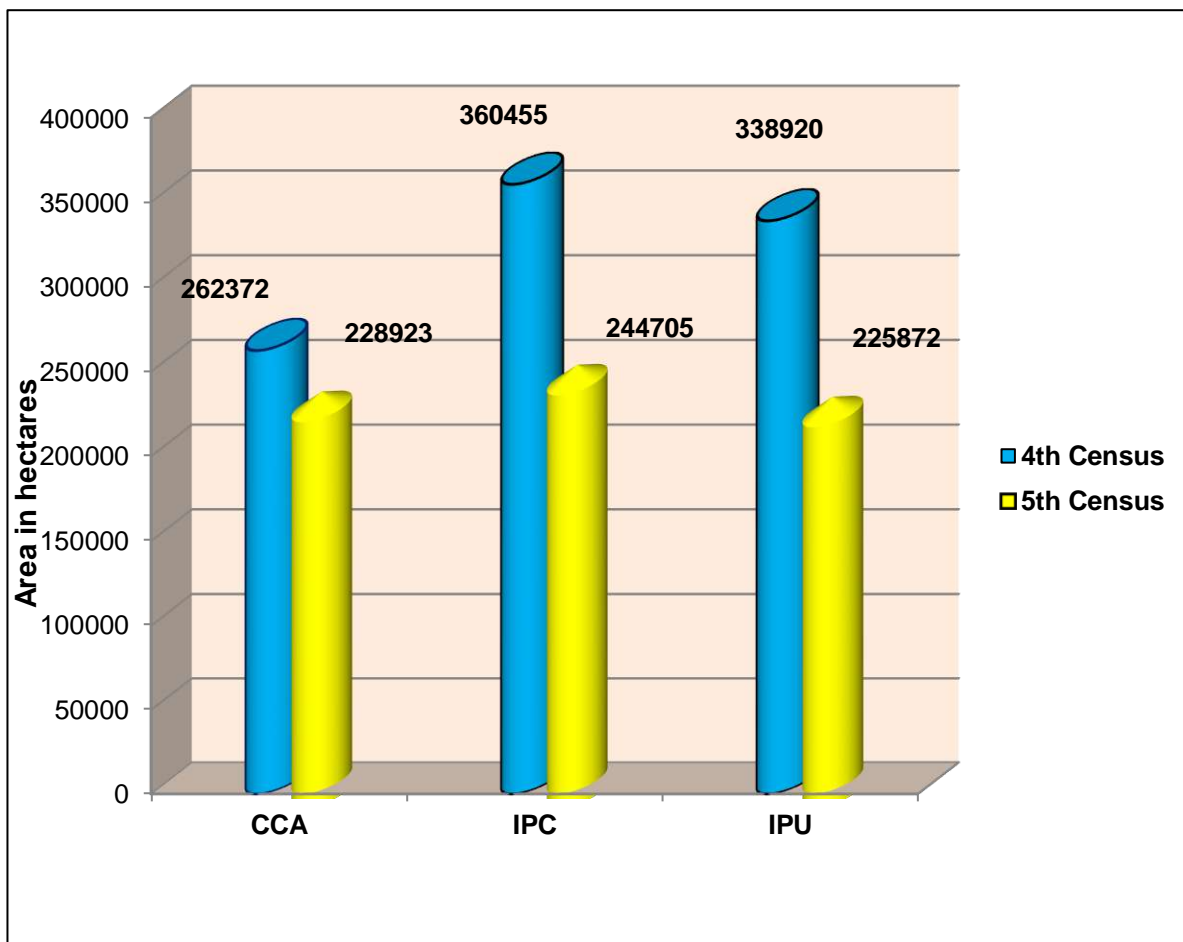
Schemes	3 rd MI census	4 th MI Census	5 th MI Census
Dug well	165956	162826	74258
Tube well	4907	6963	8210
Surface flow	10957	8580	7406
Surface lift	13493	15027	13783



iii) Minor Irrigation Schemes in Use CCA, IPC & IPU

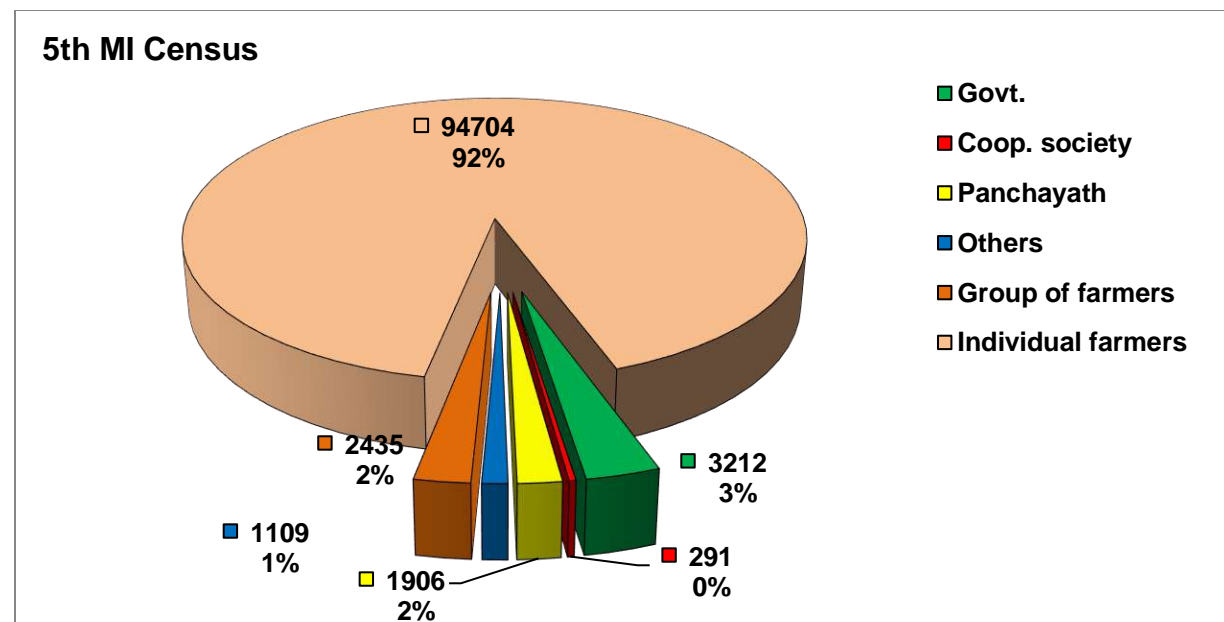
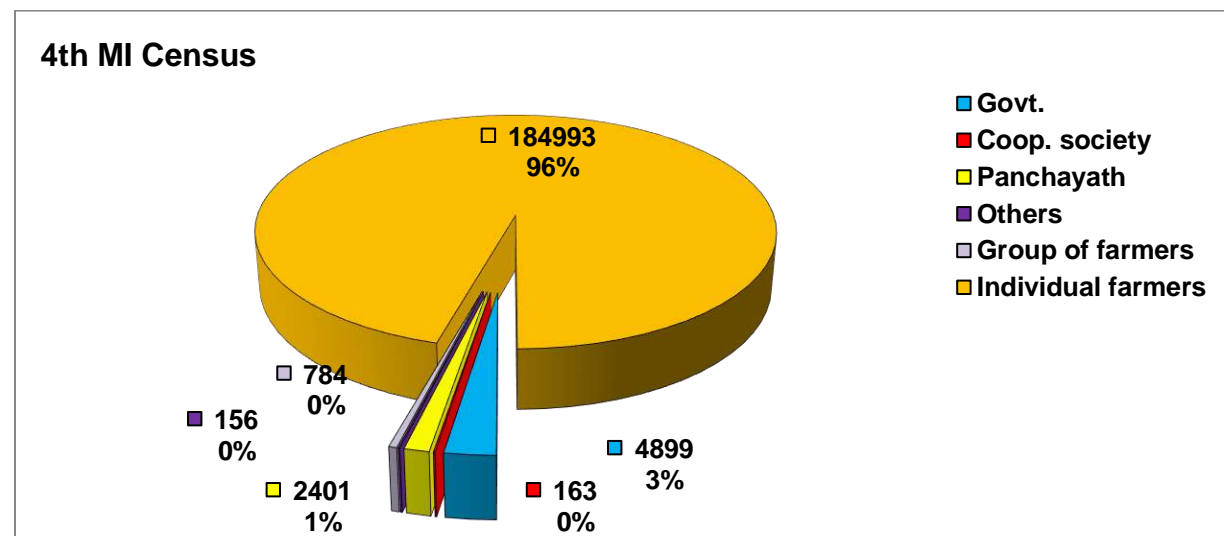
(Area in Hectares)

MI Census	CCA	IPC	IPU
Fourth MI Census	262372	360455	338920
Fifth MI Census	228923	244705	225872



iv) MI Schemes according to ownership type

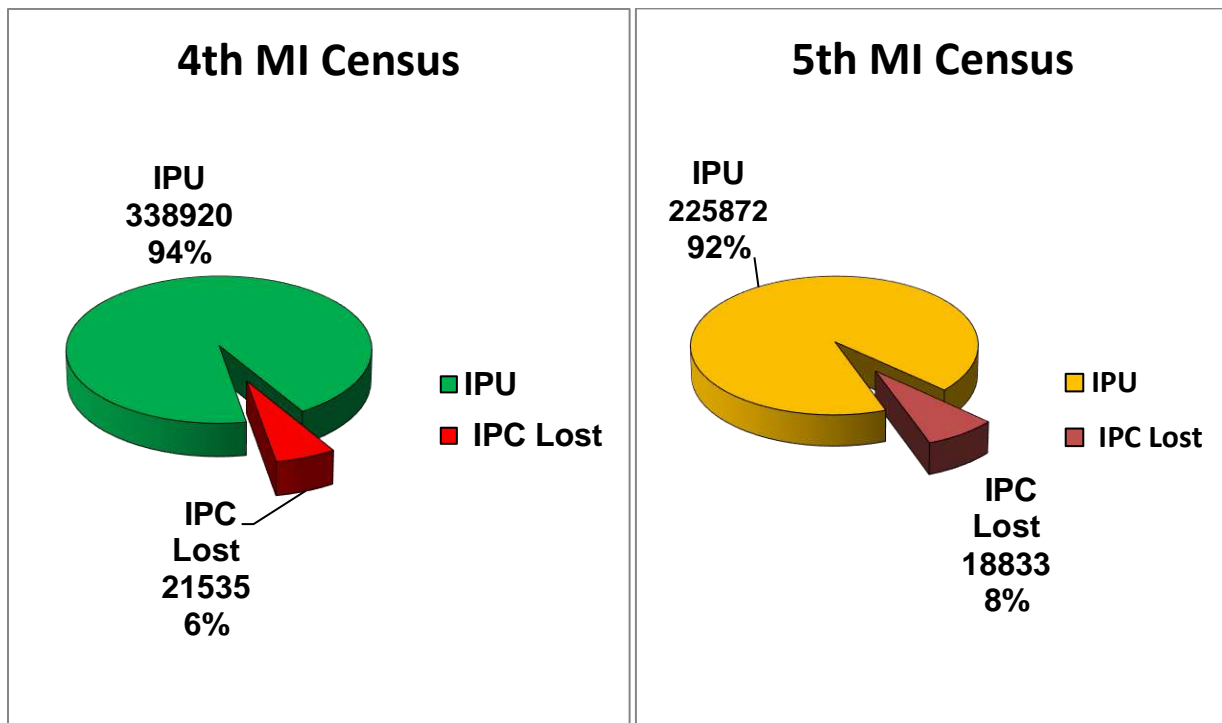
Ownership	4 th MI Census	5 th MI Census
Govt.	4899	3212
Coop. society	163	291
Panchayath	2401	1906
Others	156	1109
Group of farmers	784	2435
Individual farmers	184993	94704



v) Distribution of MI Schemes in use according to status of Utilisation and Loss

(Area in Ha.)

MI Census	In Use schemes			
	Number	IPC	IPU	IPC lost
Fourth MI Census	191947	360455	338920	21535
Fifth MI Census	103220	244705	225872	18833

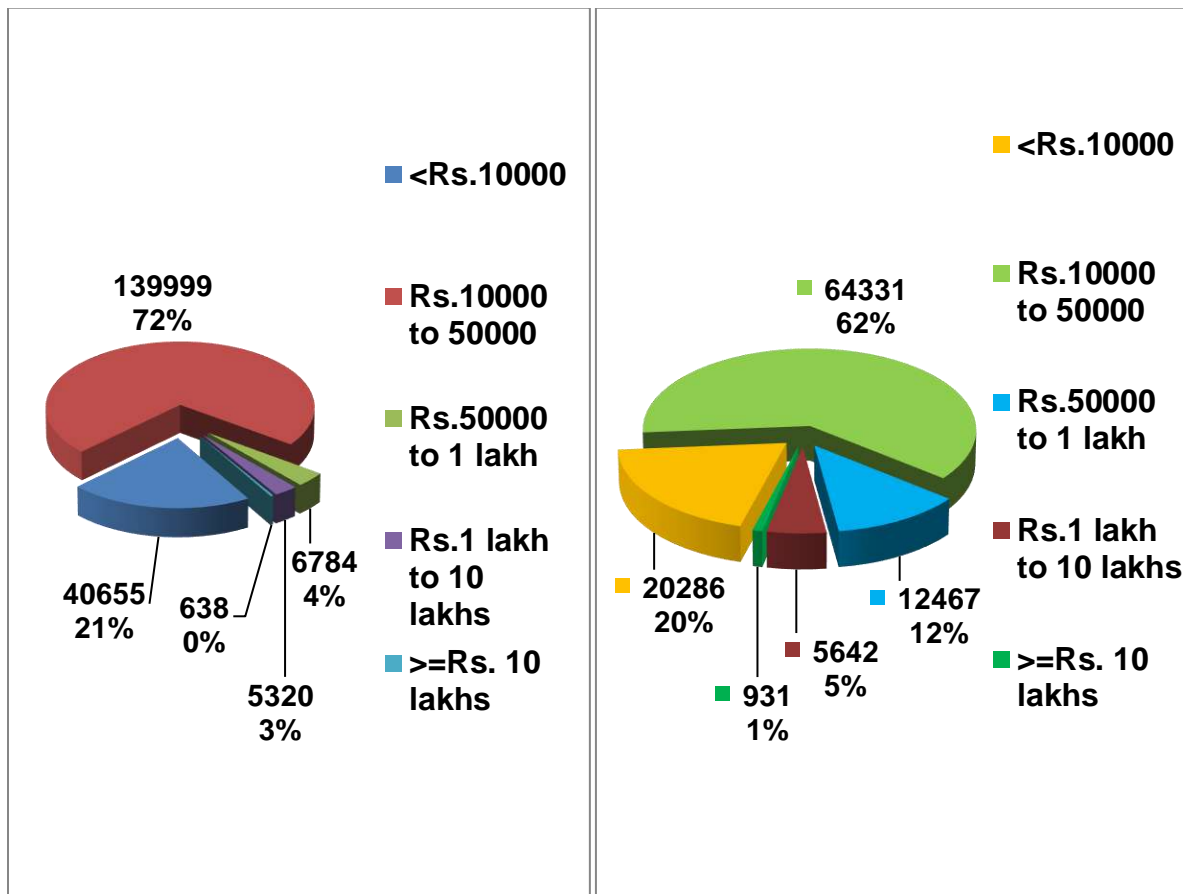


vi) MI Schemes by cost

MI Census	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 10 lakhs	>=Rs. 10 lakhs
Fourth MI Census	40655	139999	6784	5320	638
Fifth MI Census	20286	64331	12467	5642	931

4th MI Census

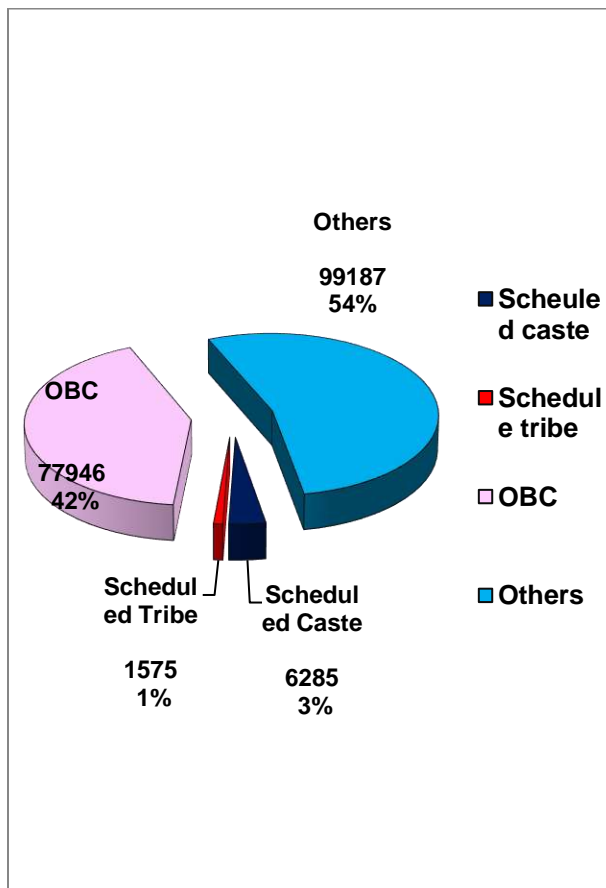
5th MI census



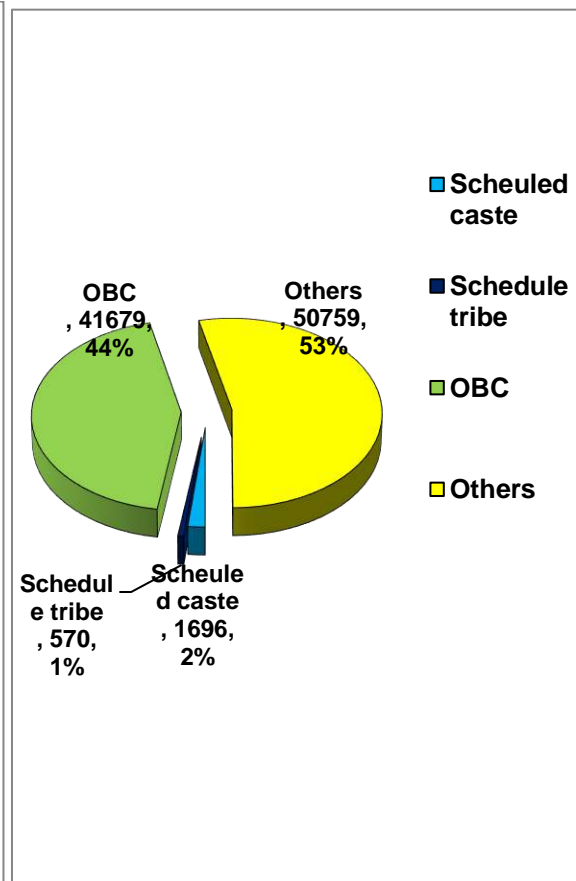
vii) MI schemes according to social status of owner

MI Census	Scheuled caste	Schedule tribe	OBC	Others
Fourth MI Census	6285	1575	77946	99187
Fifth MI Census	1696	570	41679	50759

4th MI Census



5th MI census



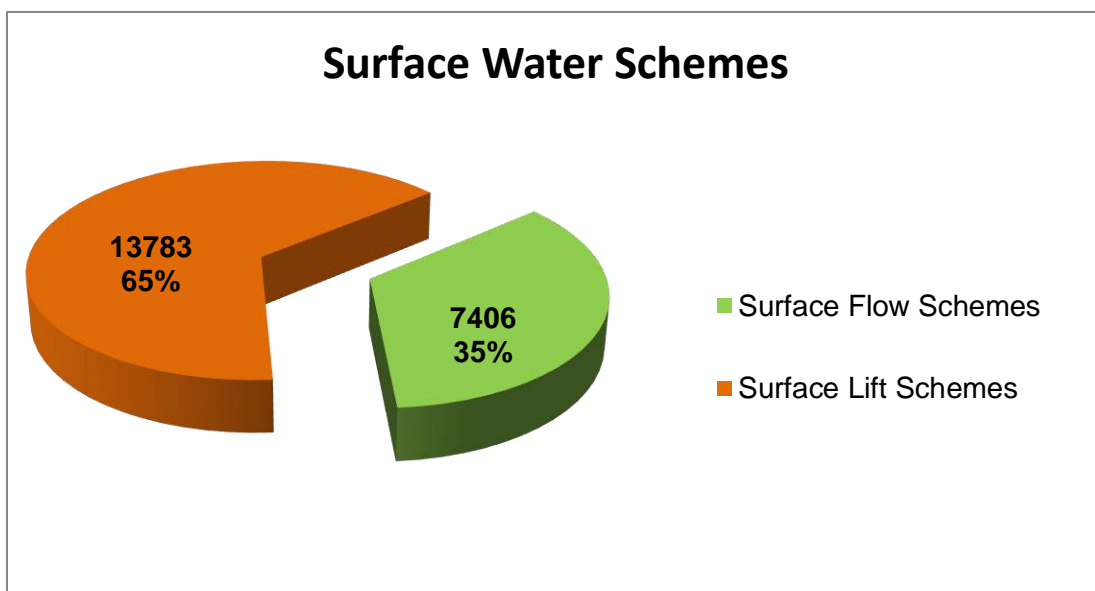
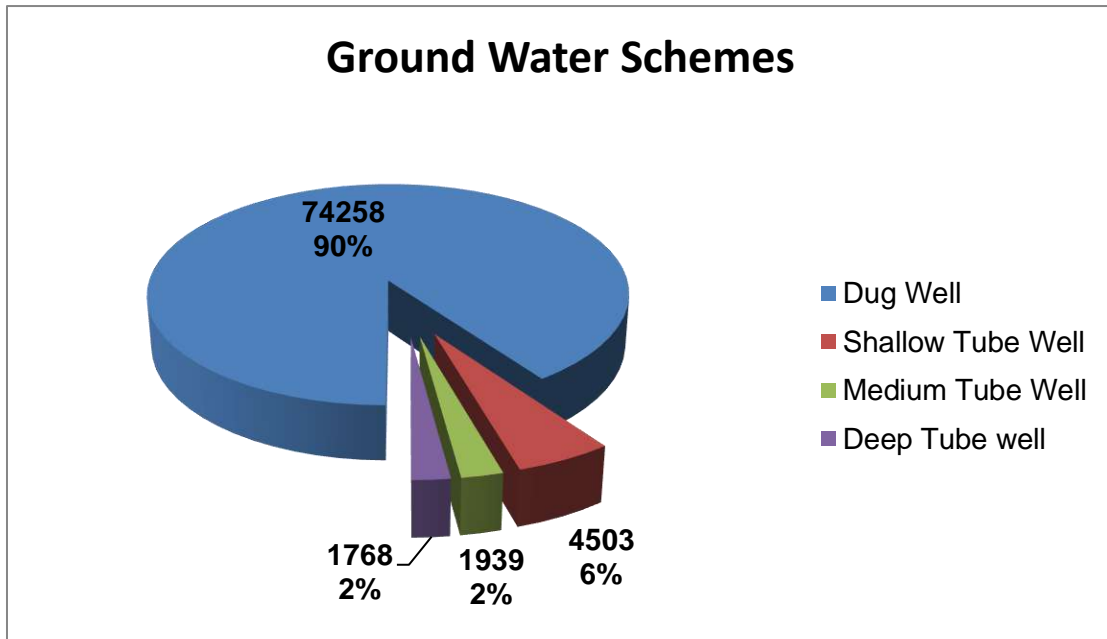
- **Charts & Tables**

1. Minor Irrigation Schemes at a Glance

(In Nos.)

SI.No	District	No. of Blocks	No. of panchayaths	Total Number of Schemes								
				Ground Water					Surface Water			Grand Total (10+13)
				Dug well	Shallow Tube well	Medium Tube well	Deep Tube well	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Alappuzha	13	78	1270	728	5	3	2006	612	506	1118	3124
2	Ernakulam	15	96	8356	70	28	10	8464	443	1263	1706	10170
3	Idukki	9	54	1191	17	70	134	1412	341	900	1241	2653
4	Kannur	12	87	7319	54	62	30	7465	817	2083	2900	10365
5	Kasargod	7	41	4111	438	341	394	5284	593	646	1239	6523
6	Kollam	12	74	2417	57	12	2	2488	311	104	415	2903
7	Kottayam	12	77	1918	9	7	6	1940	297	431	728	2668
8	Kozhikode	13	78	5170	95	24	6	5295	154	724	878	6173
9	Malappuram	16	107	12384	210	95	79	12768	662	1126	1788	14556
10	Palakkad	14	95	3125	572	755	859	5311	681	1758	2439	7750
11	Pathanamthitta	9	57	2229	13	16	32	2290	474	182	656	2946
12	Thiruvananthapuram	12	78	2504	19	6	6	2535	975	299	1274	3809
13	Thrissur	17	95	22170	2220	515	202	25107	577	3075	3652	28759
14	Wayanad	5	26	94	1	3	5	103	469	686	1155	1258
Total :		166	1043	74258	4503	1939	1768	82468	7406	13783	21189	103657

Distribution of Minor Irrigation Schemes during 5th MI Census



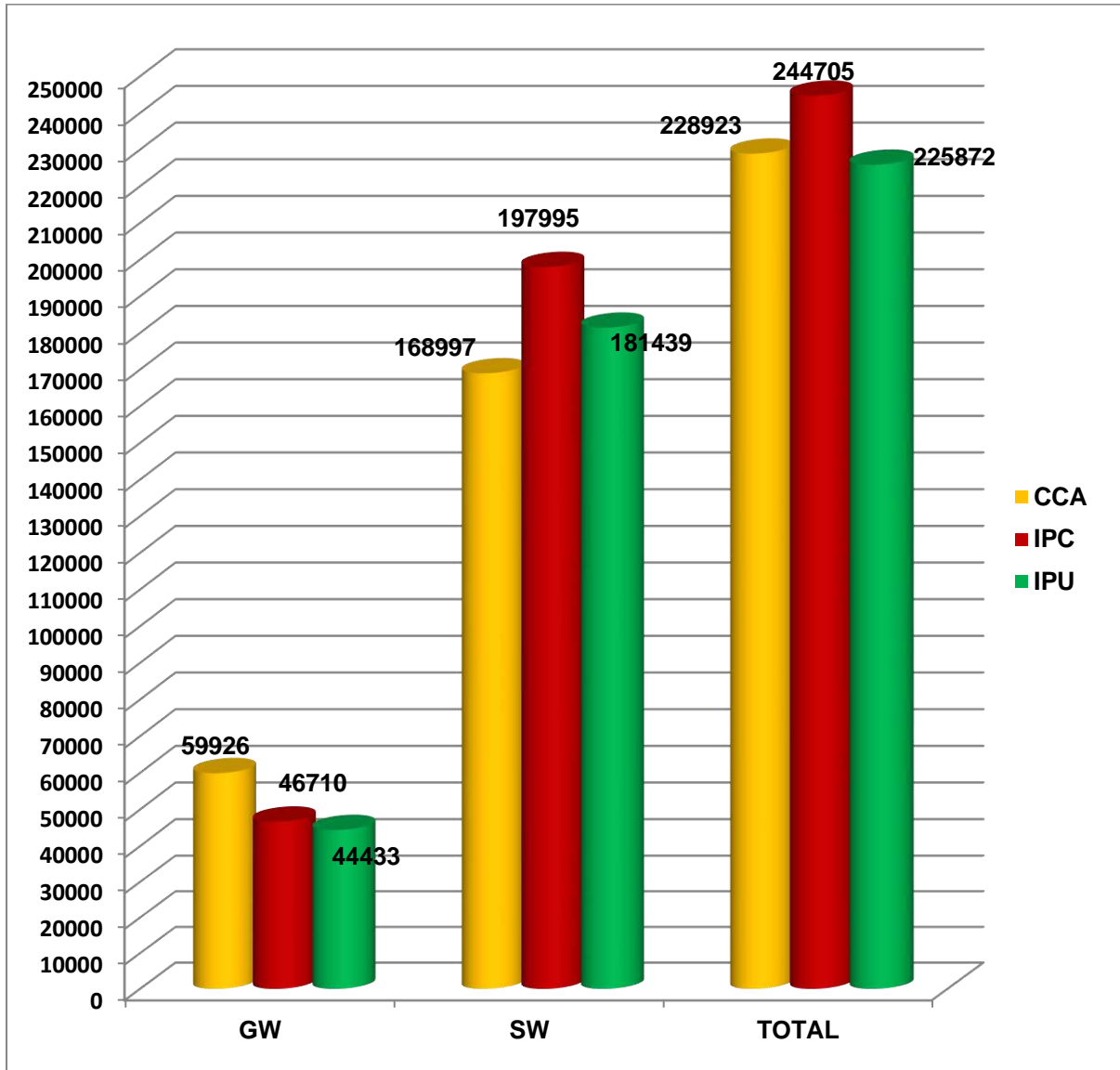
2. Minor Irrigation Schemes in Use, CCA and Irrigation Potential

(In Nos.)

Sl. No.	District	Ground Water				Surface Water				Total			
		In Use (No.)	CCA	PC	PU	In Use (No.)	CCA	PC	PU	In Use (No.)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	2006	1080	1614	1561	1118	27982	38875	38335	3124	29061	40488	39896
2	Ernakulam	8449	6133	4622	4330	1701	14971	17438	15677	10150	21104	22060	20007
3	Idukki	1410	3138	3258	3011	1229	14532	14891	14127	2639	17669	18149	17138
4	Kannur	7412	3571	2862	2784	2857	6849	7326	6611	10269	10420	10188	9395
5	Kasargod	5276	4401	3263	3098	1223	12268	13470	11920	6499	16669	16733	15018
6	Kollam	2481	785	820	769	411	6165	6436	6023	2892	6950	7256	6792
7	Kottayam	1937	1618	2419	2204	722	11088	13848	11607	2659	12706	16268	13810
8	Kozhikode	5275	2288	2427	2373	866	2179	1885	1837	6141	4467	4312	4210
9	Malappuram	12734	7022	6877	6329	1722	19461	23887	19834	14456	26483	30764	26163
10	Palakkad	5298	10866	6102	6048	2407	8351	10858	10160	7705	19217	16960	16208
11	Pathanamthitta	2290	894	835	768	654	4107	4932	4491	2944	5001	5767	5259
12	Thiruvananthapuram	2527	776	863	822	1272	4250	6862	6089	3799	5027	7725	6911
13	Thrissur	25088	17245	10642	10235	3644	25628	23097	22257	28732	42872	33740	32492
14	Wayanad	103	110	106	101	1108	11167	14189	12471	1211	11276	14295	12572
Total :		82286	59926	46710	44433	20934	168997	197995	181439	103220	228923	244705	225872

Distribution of MI Schemes according to CCA , IPC & IPU

(In Nos.)

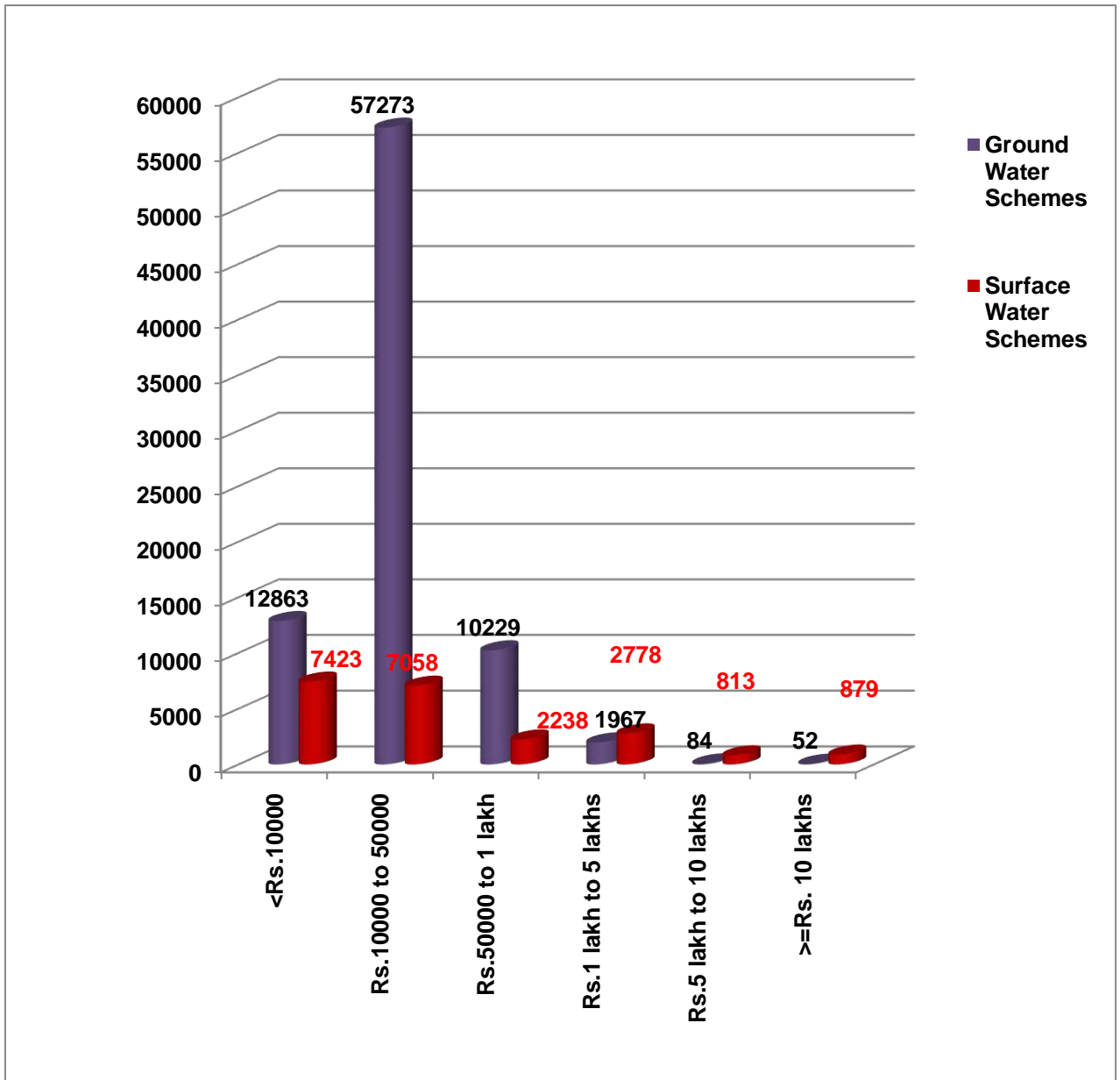


3. Minor Irrigation Schemes by Cost

(In Nos.)

SI · N o.	District	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs.1 0000	Rs.10000 to 50000	Rs.5000 0 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakh s	>=Rs . 10 lakhs	Total (3 to 8)	<Rs.10 000	Rs.1000 0 to 50000	Rs.500 00 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=R s. 10 lakh s	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alappuzha	588	1363	43	12	0	0	2006	408	422	99	150	18	21	1118
2	Ernakulam	2068	5740	537	116	3	0	8464	727	613	154	147	35	30	1706
3	Idukki	79	699	462	128	19	25	1412	205	238	137	357	181	123	1241
4	Kannur	579	4655	1947	275	6	3	7465	1367	970	278	224	36	25	2900
5	Kasargod	568	3899	607	199	7	4	5284	154	512	167	269	69	68	1239
6	Kollam	336	1870	259	21	1	1	2488	73	77	36	136	41	52	415
7	Kottayam	148	1560	186	38	4	4	1940	326	137	89	117	19	40	728
8	Kozhikode	561	3931	678	117	7	1	5295	328	389	81	51	10	19	878
9	Malappuram	600	10198	1694	253	16	7	12768	364	519	223	291	159	232	1788
10	Palakkad	259	3238	1390	416	7	1	5311	1167	767	273	210	8	14	2439
11	Pathanamthitta	309	1779	55	146	0	1	2290	346	89	33	117	41	30	656
12	Thiruvananthapuram	376	1917	199	37	5	1	2535	570	308	139	120	67	70	1274
13	Thrissur	6392	16372	2140	191	8	4	25107	1238	1845	327	168	30	44	3652
14	Wayanad	0	52	32	18	1	0	103	150	172	202	421	99	111	1155
Total :		12863	57273	10229	1967	84	52	82468	7423	7058	2238	2778	813	879	21189

Distribution of MI schemes according to Cost



4. Seasonwise Area Irrigated by Minor Irrigation Schemes (In use and Temporary not in use)

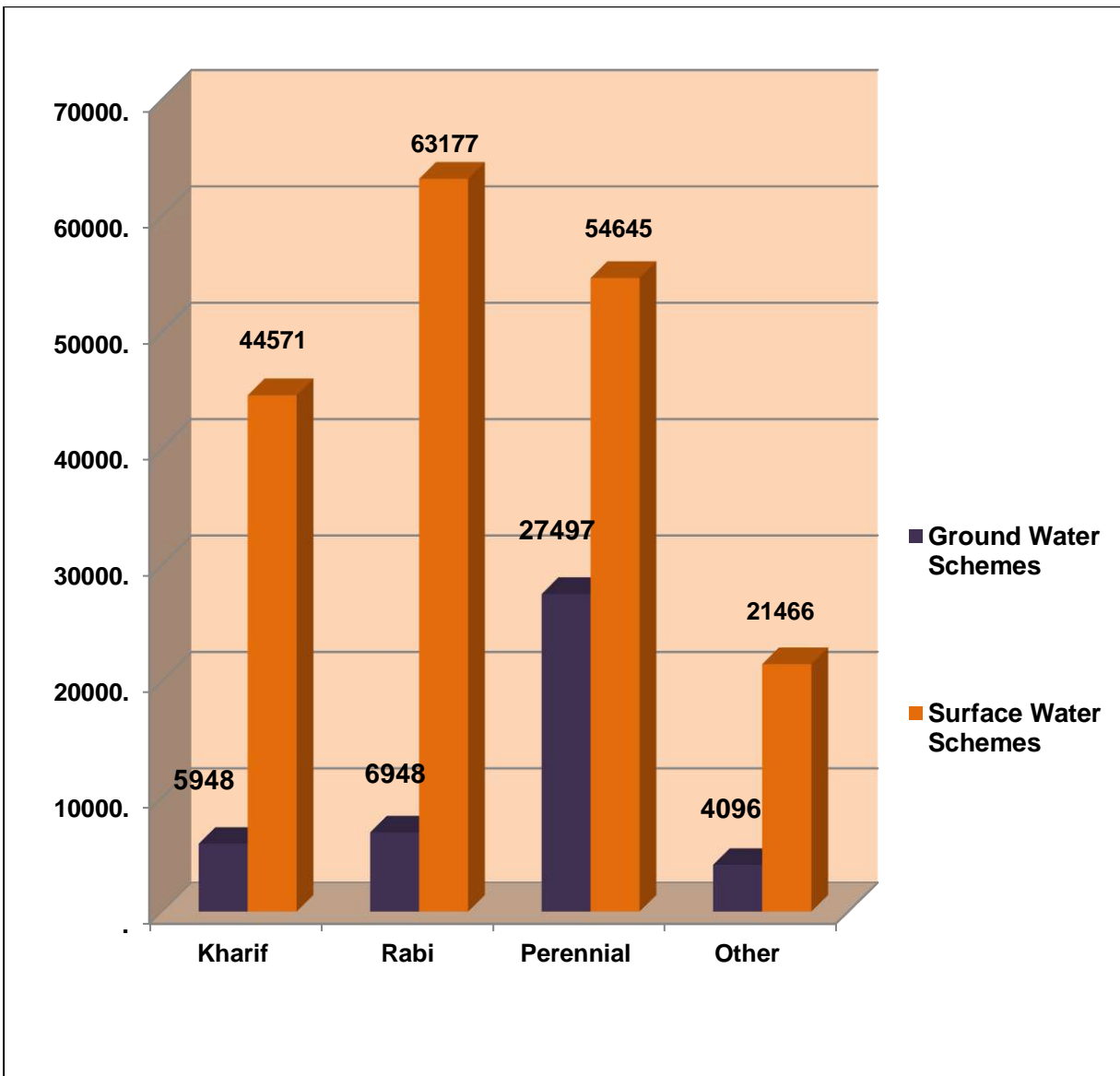
(Area in Ha.)

Sl.No.	District	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Alappuzha	566	559	243	194	1561	11222	23871	475	2767	38335
2	Ernakulam	493	898	2371	571	4333	3831	4533	5522	1804	15690
3	Idukki	190	231	2391	199	3011	1728	2310	9265	995	14299
4	Kannur	73	274	2146	296	2790	651	1907	3306	765	6629
5	Kasargod	201	272	2320	308	3102	2087	2438	6284	1131	11940
6	Kollam	191	165	271	146	772	1540	1228	2537	726	6032
7	Kottayam	492	511	856	345	2204	4601	4352	2072	614	11639
8	Kozhikode	82	188	1909	204	2383	57	171	1464	209	1901
9	Malappuram	1072	830	3522	915	6338	4400	5489	5929	4982	20800
10	Palakkad	1665	2146	2123	126	6060	3843	5208	1568	390	11008
11	Pathanamthitta	168	229	286	85	768	1387	1678	943	484	4493
12	Thiruvananthapuram	138	131	447	109	825	1495	1490	2013	1091	6089
13	Thrissur	596	495	8566	583	10240	3963	6200	7627	4592	22381
14	Wayanad	21	18	47	15	101	3765	2304	5640	914	12624
Total :		5948	6948	27497	4095	44488	44571	63177	54645	21466	183859

Seasonwise Area Irrigated by Minor Irrigation Schemes

(In use and Temporary not in use)

(Area in Ha.)



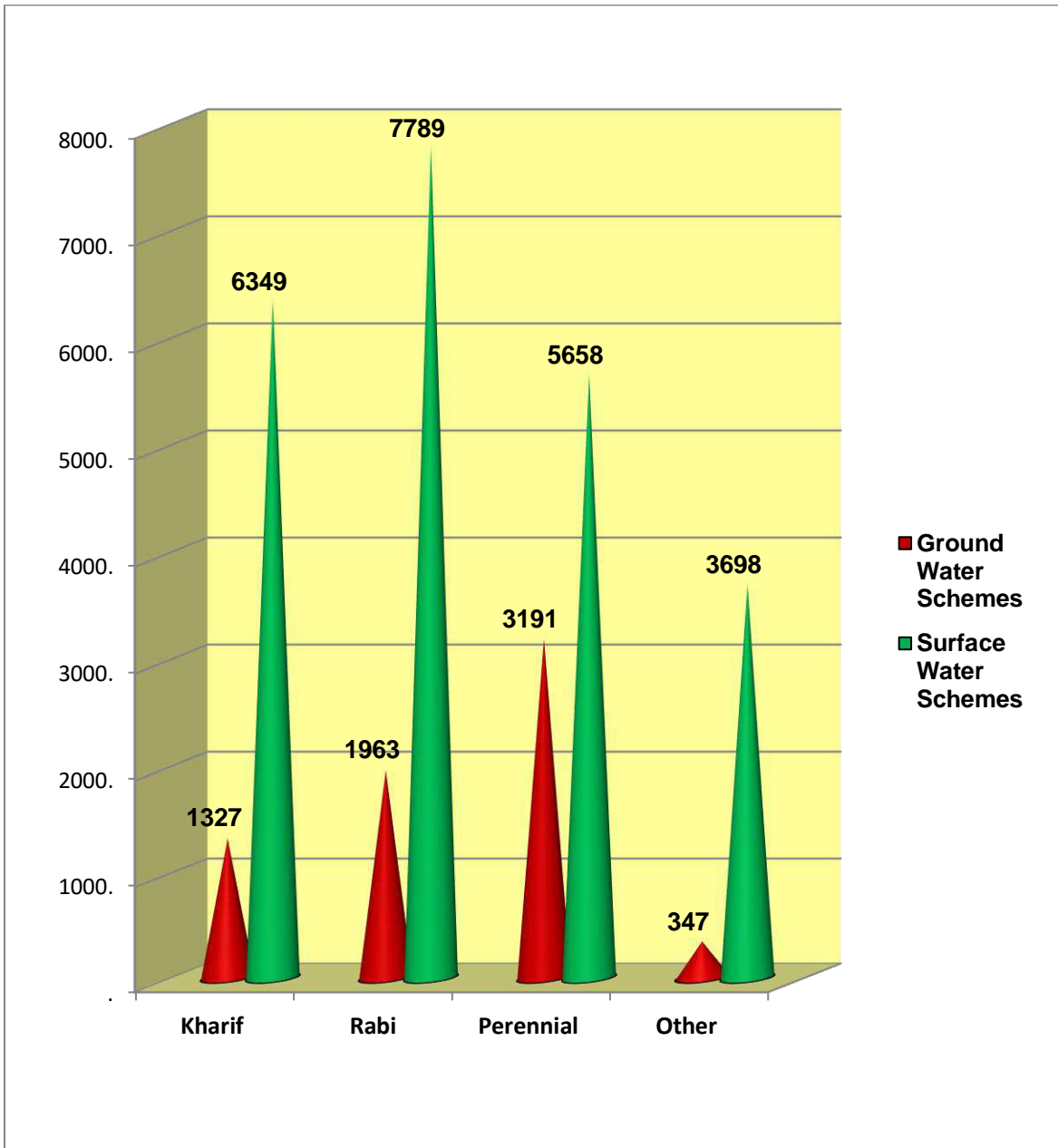
5. Seasonwise Area Irrigated as supplementary source by Minor Irrigation Schemes

(Area in Ha.)

Sl. No.	District	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Alappuzha	74	67	52	36	229	1056	1712	172	122	3061
2	Ernakulam	129	372	787	114	1402	1519	1725	1933	411	5588
3	Idukki	0	0	24	0	24	0	9	597	0	607
4	Kannur	1	2	81	16	100	20	277	50	34	382
5	Kasargod	0	4	43	3	51	70	105	268	50	493
6	Kollam	18	19	32	14	83	78	70	142	60	349
7	Kottayam	6	10	19	9	45	232	39	39	21	330
8	Kozhikode	13	25	263	27	328	10	51	44	108	213
9	Malappuram	8	16	40	12	76	1	21	206	21	250
10	Palakkad	998	1304	848	45	3194	2103	2471	807	122	5502
11	Pathanamthitta	7	14	26	12	59	315	337	462	331	1446
12	Thiruvananthapuram	21	22	99	12	154	352	390	433	360	1535
13	Thrissur	52	107	878	48	1084	594	581	507	2057	3740
14	Wayanad	0	0	0	0	.	0	0	0	0	.
Total :		1327	1963	3191	347	6829	6349	7789	5658	3698	23494

Seasonwise Area Irrigated as supplementary source by Minor Irrigation Schemes

(Area in Ha.)

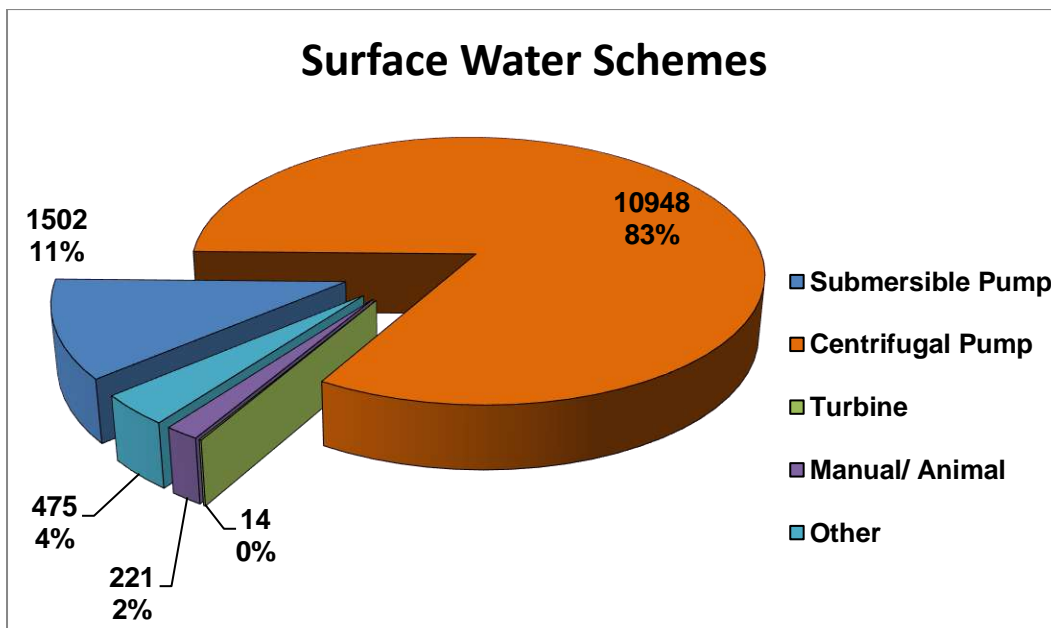
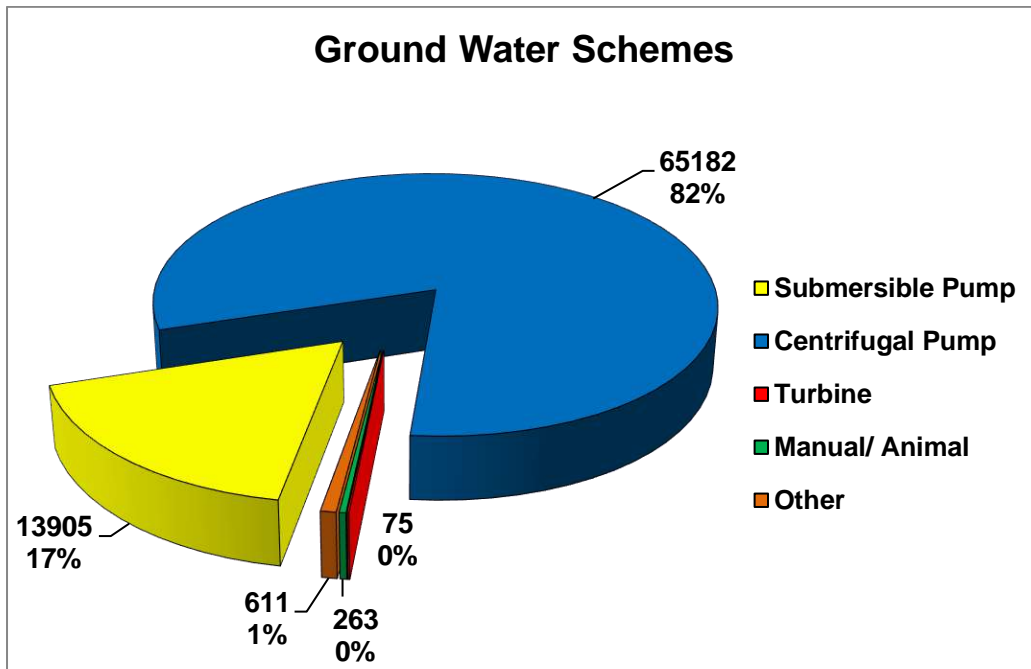


• Minor Irrigation Schemes (in use and temporary not in use) according to single Water Lifting Device

(In Nos.)

SI .No	District	Ground Water Schemes						Surface Water Schemes (Surface Lift Scheme only)					
		With One lifting Device						With One lifting Device					Total (9 to 14)
		Submersible Pump	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible Pump	Centrifugal Pump	Turbine	Manual/Animal	Other	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	152	1635	4	11	2	1804	100	316	1	1	37	455
2	Ernakulam	683	7731	3	6	1	8424	160	1010	0	9	2	1181
3	Idukki	251	1000	0	0	67	1318	123	668	0	0	6	797
4	Kannur	2077	5188	1	107	10	7383	283	1609	0	129	32	2053
5	Kasargod	1229	3974	1	3	11	5218	113	512	0	5	5	635
6	Kollam	324	1823	3	1	80	2231	14	56	0	22	3	95
7	Kottayam	464	1273	3	8	14	1762	72	298	4	10	32	416
8	Kozhikode	343	4517	2	12	49	4923	51	517	0	10	45	623
9	Malappuram	2363	10194	4	1	14	12576	146	886	1	3	24	1060
10	Palakkad	2055	3069	3	23	18	5168	219	1466	3	0	43	1731
11	Pathanamthitta	184	1612	0	23	95	1914	9	103	0	7	62	181
12	Thiruvananthapuram	1063	1241	0	25	143	2472	31	118	0	1	137	287
13	Thrissur	2694	21889	51	0	107	24741	119	2849	5	0	38	3011
14	Wayanad	23	36	0	43	0	102	62	540	0	24	9	635
Total :		13905	65182	75	263	611	80036	1502	10948	14	221	475	13160

Minor Irrigation Schemes (in use and temporary not in use) according to Single Lifting Device



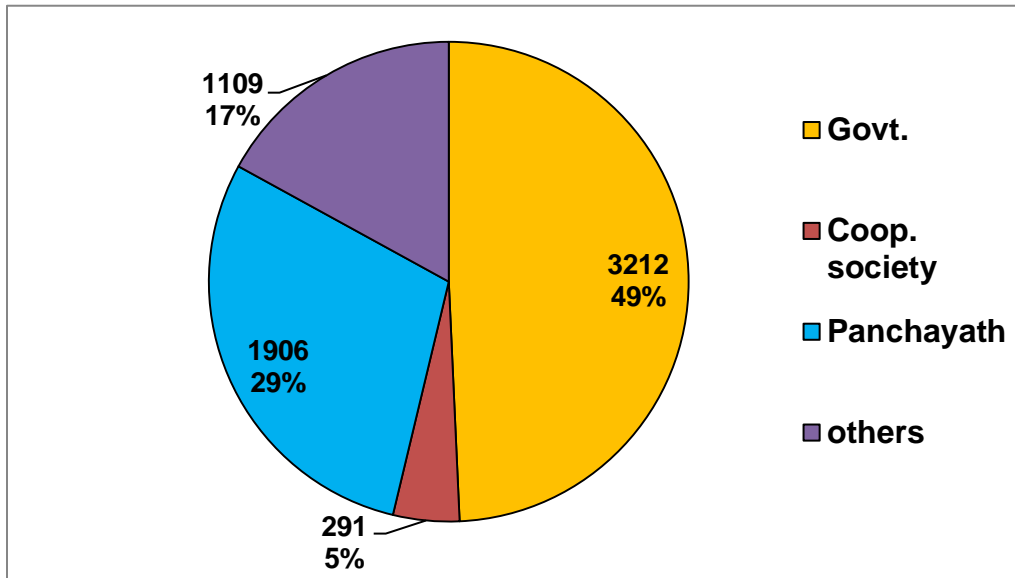
• **Minor Irrigation Schemes according to Ownership type for all Schemes**

(In Nos.)

Sl. No.	District	Total Minor Irrigation Schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Co-op Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alappuzha	56	9	6	78	149	579	2396	2975	3124
2	Ernakulam	124	25	94	134	377	176	9617	9793	10170
3	Idukki	555	8	85	30	678	47	1928	1975	2653
4	Kannur	167	11	91	63	332	309	9724	10033	10365
5	Kasargod	429	29	211	39	708	18	5797	5815	6523
6	Kollam	206	15	101	64	386	21	2496	2517	2903
7	Kottayam	71	8	138	35	252	207	2209	2416	2668
8	Kozhikode	55	6	19	27	107	36	6030	6066	6173
9	Malappuram	615	45	275	70	1005	106	13445	13551	14556
10	Palakkad	92	13	178	92	375	199	7176	7375	7750
11	Pathanamthitta	85	19	248	51	403	38	2505	2543	2946
12	Thiruvananthapuram	166	5	92	55	318	165	3326	3491	3809
13	Thrissur	171	72	265	333	841	477	27441	27918	28759
14	Wayanad	420	26	103	38	587	57	614	671	1258
Total :		3212	291	1906	1109	6518	2435	94704	97139	103657

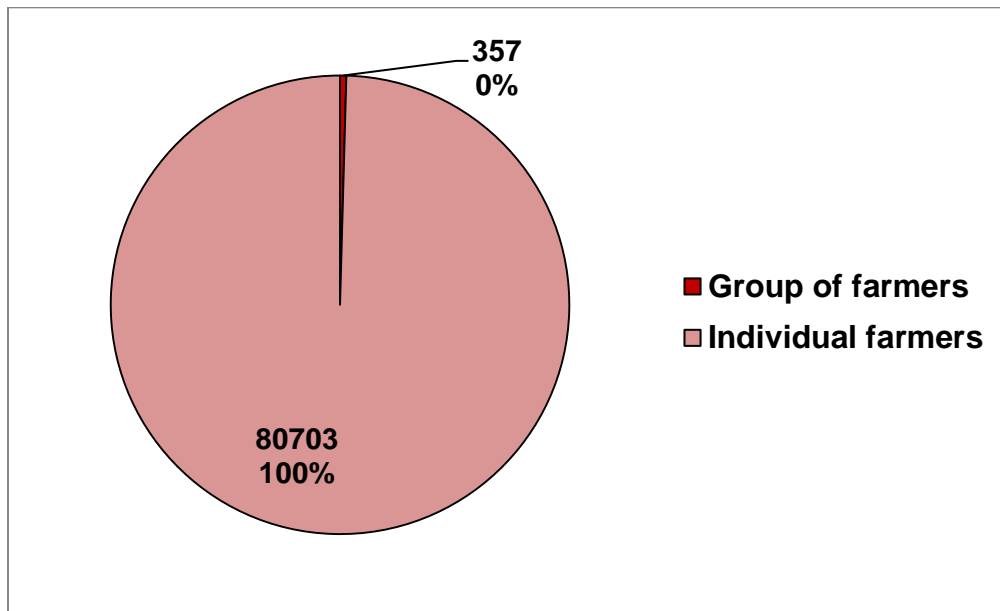
Minor Irrigation Schemes according to Ownership type (Public)

(In Nos.)



Minor Irrigation Schemes according to Ownership type (Private)

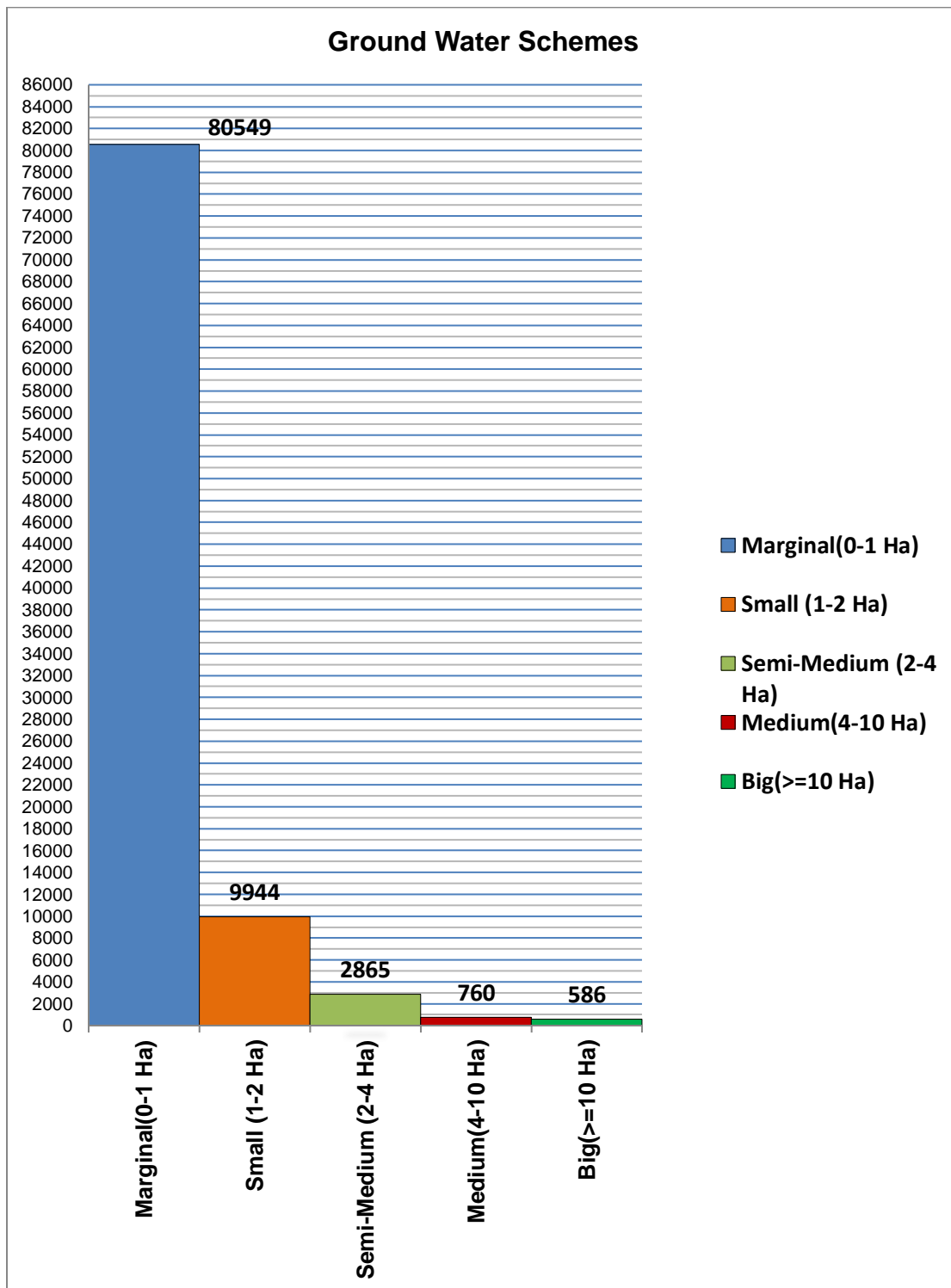
(In Nos.)



• **Minor Irrigation Schemes (for individual ownership) according to Holding Size of Owner**
(In Nos.)

SI.No.	District	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	1808	78	19	6	8	1919	419	36	14	4	4	477
2	Ernakulam	7057	1023	149	17	46	8292	1015	231	56	18	5	1,325
3	Idukki	573	413	243	64	15	1308	216	195	144	35	30	620
4	Kannur	6588	539	125	22	49	7323	1615	547	159	50	30	2,401
5	Kasargod	4266	746	155	24	23	5214	306	193	61	18	5	583
6	Kollam	2340	60	17	3	7	2427	55	8	4	2	0	69
7	Kottayam	1463	285	80	40	5	1873	166	99	52	15	4	336
8	Kozhikode	4720	417	82	17	8	5244	465	228	79	11	3	786
9	Malappuram	11322	977	205	44	53	12601	596	161	60	20	7	844
10	Palakkad	3484	1238	375	57	37	5191	1070	571	240	75	29	1,985
11	Pathanamthitta	2113	85	14	2	6	2220	244	36	3	1	1	285
12	Thiruvananthapuram	2359	73	14	11	7	2464	733	87	30	10	2	862
13	Thrissur	22919	1155	266	113	141	24594	2454	250	76	22	45	2,847
14	Wayanad	17	8	7	1	0	33	166	205	136	58	16	581
Total :		71029	7097	1751	421	405	80703	9520	2847	1114	339	181	14001

Minor Irrigation Schemes (for individual ownership) according to Holding Size of Owner

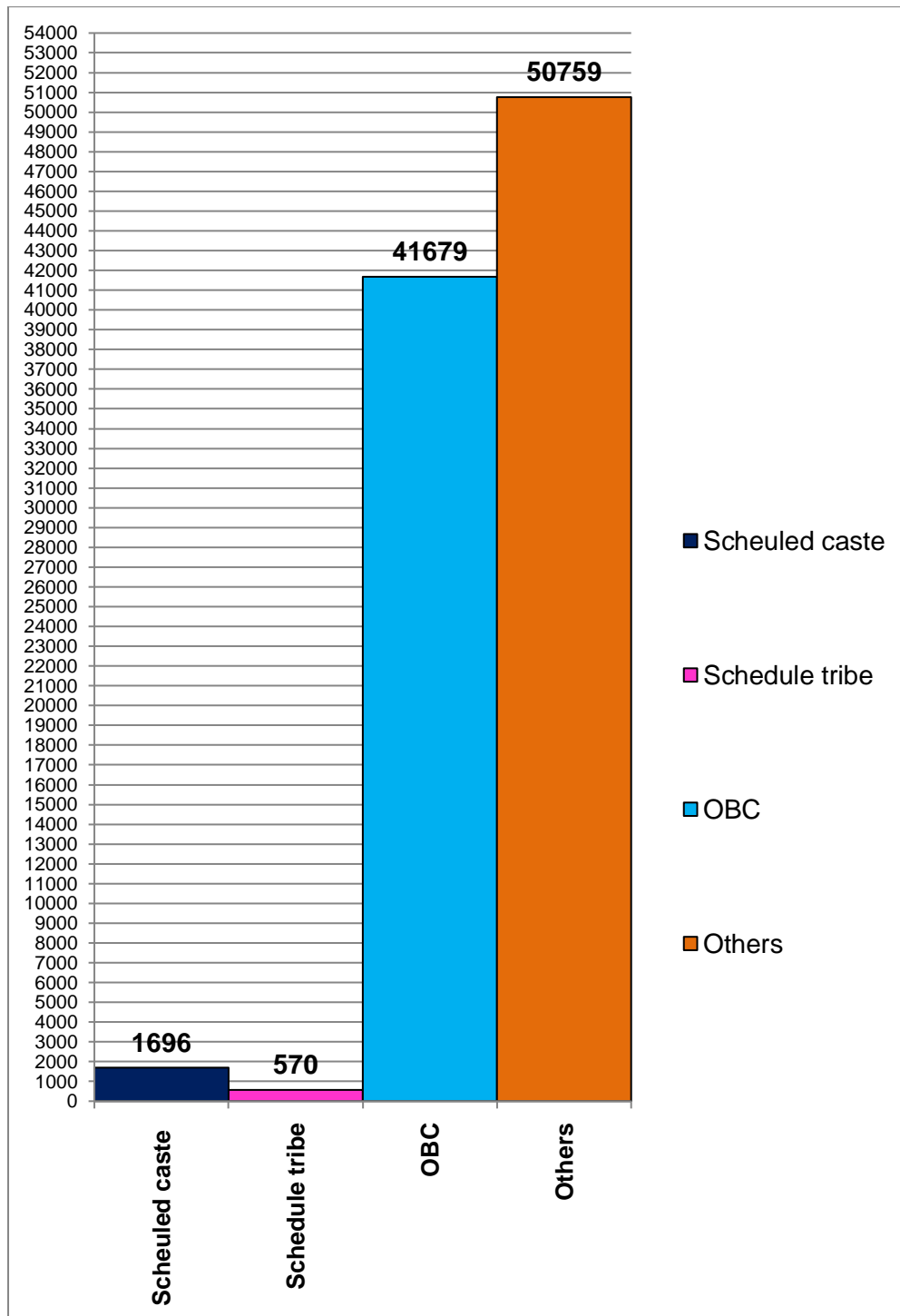


• **Minor Irrigation Schemes according to Social Status of Owner (In Nos.)**

Sl. No.	District	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alappuzha	51	12	577	1279	1919	87	2006	12	7	182	276	477	641	1118
2	Ernakulam	127	16	1470	6679	8292	172	8464	17	0	276	1032	1325	381	1706
3	Idukki	38	14	129	1127	1308	104	1412	19	11	85	505	620	621	1241
4	Kannur	113	25	4272	2913	7323	142	7465	23	2	663	1713	2401	499	2900
5	Kasargod	81	62	2822	2249	5214	70	5284	8	13	130	432	583	656	1239
6	Kollam	83	23	978	1343	2427	61	2488	0	0	37	32	69	346	415
7	Kottayam	43	20	204	1606	1873	67	1940	17	1	28	290	336	392	728
8	Kozhikode	60	13	3181	1990	5244	51	5295	6	2	341	437	786	92	878
9	Malappuram	252	89	9787	2473	12601	167	12768	24	5	587	228	844	944	1788
10	Palakkad	128	29	3147	1887	5191	120	5311	39	14	1069	863	1985	454	2439
11	Pathanamthitta	157	22	207	1834	2220	70	2290	16	2	50	217	285	371	656
12	Thiruvananthapuram	53	14	1168	1229	2464	71	2535	15	1	218	628	862	412	1274
13	Thrissur	286	135	8441	15732	24594	513	25107	25	19	1554	1249	2847	805	3652
14	Wayanad	0	3	5	25	33	70	103	3	16	71	491	581	574	1155
Total :		1472	477	36388	42366	80703	1765	82468	224	93	5291	8393	14001	7188	21189

Minor Irrigation Schemes according to Social Status of Owner

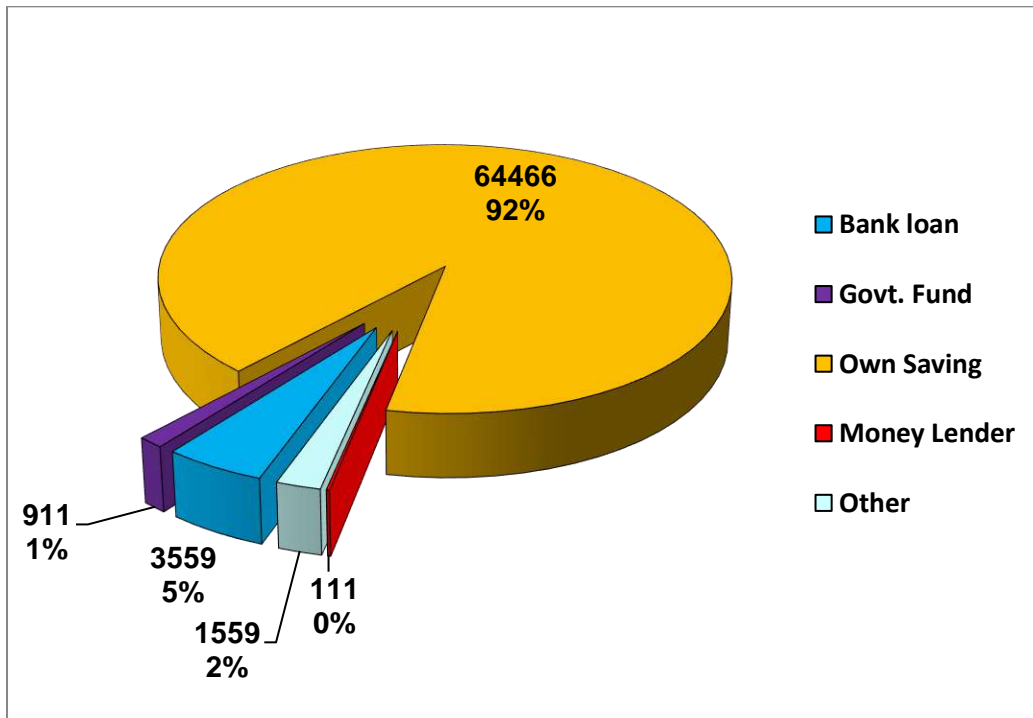
(In Nos.)



• **Minor Irrigation Schemes (under Individual Ownership) according to one Source of Finance**
(In Nos.)

Sl. No.	District	Total No. of MI schemes					
		With one source of Finance					
		Bank loan	Govt. Fund	Own Saving	Money Lender	Other	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Alappuzha	95	19	1552	14	19	1699
2	Ernakulam	249	121	7452	1	164	7987
3	Idukki	25	10	1245	0	19	1299
4	Kannur	456	55	4790	2	264	5567
5	Kasargod	426	21	3824	3	98	4372
6	Kollam	112	53	822	0	10	997
7	Kottayam	85	21	975	0	3	1084
8	Kozhikode	104	78	3554	3	73	3812
9	Malappuram	598	166	8849	27	59	9699
10	Palakkad	205	86	5356	34	157	5838
11	Pathanamthitta	128	83	580	0	101	892
12	Thiruvananthapuram	87	56	1857	2	143	2145
13	Thrissur	967	79	23329	25	335	24735
14	Wayanad	22	63	281	0	114	480
Total :		3559	911	64466	111	1559	70606

Minor Irrigation Schemes (under Individual Ownership) according to one Source of Finance



KERALA

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA

(In Nos.)

Sl. No	District	No. of Blocks	No. of Panchayats	Total Number of Schemes								Grand Total (9+12)
				Ground Water					Surface Water			
				Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (5+6+7+8)	S. Flow Scheme	S. Lift Scheme	Total (10+11)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	Alappuzha	12	78	1270	728	5	3	2006	612	506	1118	3124
2	Ernakulam	14	96	8356	70	28	10	8464	443	1263	1706	10170
3	Idukki	8	54	1191	17	70	134	1412	341	900	1241	2653
4	Kannur	11	87	7319	54	62	30	7465	817	2083	2900	10365
5	Kasargod	6	41	4111	438	341	394	5284	593	646	1239	6523
6	Kollam	11	74	2417	57	12	2	2488	311	104	415	2903
7	Kottayam	11	77	1918	9	7	6	1940	297	431	728	2668
8	Kozhikode	12	78	5170	95	24	6	5295	154	724	878	6173
9	Malappuram	15	107	12384	210	95	79	12768	662	1126	1788	14556
10	Palakkad	13	95	3125	572	755	859	5311	681	1758	2439	7750
11	Pathanamthitta	8	57	2229	13	16	32	2290	474	182	656	2946
12	Thiruvananthapuram	11	78	2504	19	6	6	2535	975	299	1274	3809
13	Thrissur	16	95	22170	2220	515	202	25107	577	3075	3652	28759
14	Wayanad	4	26	94	1	3	5	103	469	686	1155	1258
Total :		152	1043	74258	4503	1939	1768	82468	7406	13783	21189	103657

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA

(Area in ha.)

Sl. No.	District	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	2006	1080	1614	1561	1118	27982	38875	38335	3124	29061	40488	39896
2	Ernakulam	8449	6133	4622	4330	1701	14971	17438	15677	10150	21104	22060	20007
3	Idukki	1410	3138	3258	3011	1229	14532	14891	14127	2639	17669	18149	17138
4	Kannur	7412	3571	2862	2784	2857	6849	7326	6611	10269	10420	10188	9395
5	Kasargod	5276	4401	3263	3098	1223	12268	13470	11920	6499	16669	16733	15018
6	Kollam	2481	785	820	769	411	6165	6436	6023	2892	6950	7256	6792
7	Kottayam	1937	1618	2419	2204	722	11088	13848	11607	2659	12706	16268	13810
8	Kozhikode	5275	2288	2427	2373	866	2179	1885	1837	6141	4467	4312	4210
9	Malappuram	12734	7022	6877	6329	1722	19461	23887	19834	14456	26483	30764	26163
10	Palakkad	5298	10866	6102	6048	2407	8351	10858	10160	7705	19217	16960	16208
11	Pathanamthitta	2290	894	835	768	654	4107	4932	4491	2944	5001	5767	5259
12	Thiruvananthapuram	2527	776	863	822	1272	4250	6862	6089	3799	5027	7725	6911
13	Thrissur	25088	17245	10642	10235	3644	25628	23097	22257	28732	42872	33740	32492
14	Wayanad	103	110	106	101	1108	11167	14189	12471	1211	11276	14295	12572
Total :		82286	59926	46710	44433	20934	168997	197995	181439	103220	228923	244705	225872

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA

(Area in ha.)

Sl. No.	District	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	0	0	0		0	0	0		0	0	0	0
2	Ernakulam	10	3	2	2	4	59	24	13	14	61	26	16
3	Idukki	0	0	0		7	157	172	172	7	157	172	172
4	Kannur	30	12	8	6	25	183	19	18	55	196	27	24
5	Kasargod	8	4	4	4	7	117	117	21	15	121	121	24
6	Kollam	6	3	4	3	4	103	32	8	10	106	37	12
7	Kottayam	3	1	1	0	6	153	49	32	9	154	50	33
8	Kozhikode	20	12	12	9	10	69	65	65	30	81	77	74
9	Malappuram	22	11	11	10	53	1072	983	966	75	1083	994	975
10	Palakkad	10	10	13	13	27	512	863	848	37	522	875	861
11	Pathanamthitta	0	0	0		2	17	16	2	2	17	16	2
12	Thiruvananthapuram	5	2	3	3	1	0	0	0	6	2	3	3
13	Thrissur	18	9	5	5	6	123	123	123	24	132	129	129
14	Wayanad	0	0	0		37	392	399	152	37	392	399	152
Total :		132	67	63	55	189	2957	2863	2421	321	3024	2926	2476

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA

(Area in Ha.)

Sl. No	District	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alappuzha	0	0	0	0	0	0	0	0	0
2	Ernakulam	5	4	4	1	11	11	6	15	15
3	Idukki	2	37	34	5	52	28	7	89	62
4	Kannur	23	7	5	18	147	97	41	154	102
5	Kasargod	0	0	0	9	79	85	9	79	85
6	Kollam	1	0	0	0	0	0	1	0	0
7	Kottayam	0	0	0	0	0	0	0	0	0
8	Kozhikode	0	0	0	2	7	0	2	7	0
9	Malappuram	12	3	2	13	206	160	25	210	162
10	Palakkad	3	2	0	5	2	1	8	4	2
11	Pathanamthitta	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	3	2	1	1	5	5	4	7	6
13	Thrissur	1	1	0	2	2	0	3	3	0
14	Wayanad	0	0	0	10	211	235	10	211	235
Total :		50	55	47	66	723	623	116	778	670

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA

(In Nos.)

Sl. No.	District	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alappuzha	588	1363	43	12	0	0	2006	408	422	99	150	18	21	1118
2	Ernakulam	2068	5740	537	116	3	0	8464	727	613	154	147	35	30	1706
3	Idukki	79	699	462	128	19	25	1412	205	238	137	357	181	123	1241
4	Kannur	579	4655	1947	275	6	3	7465	1367	970	278	224	36	25	2900
5	Kasargod	568	3899	607	199	7	4	5284	154	512	167	269	69	68	1239
6	Kollam	336	1870	259	21	1	1	2488	73	77	36	136	41	52	415
7	Kottayam	148	1560	186	38	4	4	1940	326	137	89	117	19	40	728
8	Kozhikode	561	3931	678	117	7	1	5295	328	389	81	51	10	19	878
9	Malappuram	600	10198	1694	253	16	7	12768	364	519	223	291	159	232	1788
10	Palakkad	259	3238	1390	416	7	1	5311	1167	767	273	210	8	14	2439
11	Pathanamthitta	309	1779	55	146	0	1	2290	346	89	33	117	41	30	656
12	Thiruvananthapuram	376	1917	199	37	5	1	2535	570	308	139	120	67	70	1274
13	Thrissur	6392	16372	2140	191	8	4	25107	1238	1845	327	168	30	44	3652
14	Wayanad	0	52	32	18	1	0	103	150	172	202	421	99	111	1155
Total :		12863	57273	10229	1967	84	52	82468	7423	7058	2238	2778	813	879	21189

Table. V (continued.....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA

(In Nos.)

Sl. No.	District	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs. 10000	Rs.10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Alappuzha	996	1785	142	162	18	21	3124
2	Ernakulam	2795	6353	691	263	38	30	10170
3	Idukki	284	937	599	485	200	148	2653
4	Kannur	1946	5625	2225	499	42	28	10365
5	Kasargod	722	4411	774	468	76	72	6523
6	Kollam	409	1947	295	157	42	53	2903
7	Kottayam	474	1697	275	155	23	44	2668
8	Kozhikode	889	4320	759	168	17	20	6173
9	Malappuram	964	10717	1917	544	175	239	14556
10	Palakkad	1426	4005	1663	626	15	15	7750
11	Pathanamthitta	655	1868	88	263	41	31	2946
12	Thiruvananthapuram	946	2225	338	157	72	71	3809
13	Thrissur	7630	18217	2467	359	38	48	28759
14	Wayanad	150	224	234	439	100	111	1258
Total :		20286	64331	12467	4745	897	931	103657

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA

(Area in ha.)

Sl.No.	District	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alappuzha	566	559	243	194	1561	11222	23871	475	2767	38335	11788	24429	718	2961	39896
2	Ernakulam	493	898	2371	571	4333	3831	4533	5522	1804	15690	4324	5431	7892	2375	20023
3	Idukki	190	231	2391	199	3011	1728	2310	9265	995	14299	1918	2541	11656	1195	17310
4	Kannur	73	274	2146	296	2790	651	1907	3306	765	6629	724	2181	5452	1061	9418
5	Kasargod	201	272	2320	308	3102	2087	2438	6284	1131	11940	2289	2710	8604	1439	15043
6	Kollam	191	165	271	146	772	1540	1228	2537	726	6032	1731	1392	2808	872	6804
7	Kottayam	492	511	856	345	2204	4601	4352	2072	614	11639	5094	4864	2927	958	13843
8	Kozhikode	82	188	1909	204	2383	57	171	1464	209	1901	139	359	3373	413	4284
9	Malappuram	1072	830	3522	915	6338	4400	5489	5929	4982	20800	5472	6319	9450	5897	27138
10	Palakkad	1665	2146	2123	126	6060	3843	5208	1568	390	11008	5508	7354	3691	516	17069
11	Pathanamthitta	168	229	286	85	768	1387	1678	943	484	4493	1555	1907	1229	570	5261
12	Thiruvananthapuram	138	131	447	109	825	1495	1490	2013	1091	6089	1633	1620	2461	1199	6914
13	Thrissur	596	495	8566	583	10240	3963	6200	7627	4592	22381	4558	6695	16193	5175	32621
14	Wayanad	21	18	47	15	101	3765	2304	5640	914	12624	3787	2322	5687	930	12725
Total :		5948	6948	27497	4095	44488	44571	63177	54645	21466	183859	50519	70125	82141	25561	228347

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA

(Area in ha.)

Sl. No	District	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alappuzha	74	67	52	36	229	1056	1712	172	122	3061	1129	1779	224	158	3290
2	Ernakulam	129	372	787	114	1402	1519	1725	1933	411	5588	1648	2097	2719	525	6990
3	Idukki	0	0	24	0	24	0	9	597	0	607	0	9	621	0	630
4	Kannur	1	2	81	16	100	20	277	50	34	382	21	280	131	51	481
5	Kasargod	0	4	43	3	51	70	105	268	50	493	70	109	311	53	543
6	Kollam	18	19	32	14	83	78	70	142	60	349	96	89	173	74	431
7	Kottayam	6	10	19	9	45	232	39	39	21	330	238	49	58	30	375
8	Kozhikode	13	25	263	27	328	10	51	44	108	213	23	77	307	135	541
9	Malappuram	8	16	40	12	76	1	21	206	21	250	9	38	246	33	326
10	Palakkad	998	1304	848	45	3194	2103	2471	807	122	5502	3101	3774	1655	167	8696
11	Pathanamthitta	7	14	26	12	59	315	337	462	331	1446	322	351	488	343	1505
12	Thiruvananthapuram	21	22	99	12	154	352	390	433	360	1535	373	412	532	372	1689
13	Thrissur	52	107	878	48	1084	594	581	507	2057	3740	646	688	1385	2105	4824
14	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1327	1963	3191	347	6829	6349	7789	5658	3698	23494	7676	9752	8850	4046	30323

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA

(In Nos.)

Sl. No	District	Ground Water Schemes											Total (8+13)
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	152	1635	4	11	2	1804	28	0	0	174	202	2006
2	Ernakulam	683	7731	3	6	1	8424	30	0	0	5	35	8459
3	Idukki	251	1000	0	0	67	1318	8	0	0	84	92	1410
4	Kannur	2077	5188	1	107	10	7383	47	0	0	12	59	7442
5	Kasargod	1229	3974	1	3	11	5218	49	0	0	17	66	5284
6	Kollam	324	1823	3	1	80	2231	6	0	0	250	256	2487
7	Kottayam	464	1273	3	8	14	1762	19	0	1	158	178	1940
8	Kozhikode	343	4517	2	12	49	4923	27	0	1	344	372	5295
9	Malappuram	2363	10194	4	1	14	12576	136	0	0	44	180	12756
10	Palakkad	2055	3069	3	23	18	5168	130	0	0	10	140	5308
11	Pathanamthitta	184	1612	0	23	95	1914	7	0	0	369	376	2290
12	Thiruvananthapuram	1063	1241	0	25	143	2472	5	0	2	53	60	2532
13	Thrissur	2694	21889	51	0	107	24741	64	0	0	301	365	25106
14	Wayanad	23	36	0	43	0	102	1	0	0	0	1	103
Total :		13905	65182	75	263	611	80036	557	0	4	1821	2382	82418

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA

(In Nos.)

Sl .No	District	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device					Total (3 to 7)	With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other		Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8+13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	100	316	1	1	37	455	13	0	0	38	51	506
2	Ernakulam	160	1010	0	9	2	1181	11	0	0	70	81	1262
3	Idukki	123	668	0	0	6	797	23	0	1	76	100	897
4	Kannur	283	1609	0	129	32	2053	13	0	0	13	26	2079
5	Kasargod	113	512	0	5	5	635	6	0	0	4	10	645
6	Kollam	14	56	0	22	3	95	0	0	0	9	9	104
7	Kottayam	72	298	4	10	32	416	8	0	0	7	15	431
8	Kozhikode	51	517	0	10	45	623	12	0	0	88	100	723
9	Malappuram	146	886	1	3	24	1060	58	5	0	2	65	1125
10	Palakkad	219	1466	3	0	43	1731	16	1	3	4	24	1755
11	Pathanamthitta	9	103	0	7	62	181	1	0	0	0	1	182
12	Thiruvananthapuram	31	118	0	1	137	287	1	0	0	10	11	298
13	Thrissur	119	2849	5	0	38	3011	54	1	2	5	62	3073
14	Wayanad	62	540	0	24	9	635	10	0	0	29	39	674
Total :		1502	10948	14	221	475	13160	226	7	6	355	594	13754

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA

(In No.s)

Sl.No.	District	Ground Water Schemes																
		With one source of energy							With Two source of energy									Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others	Total (10 to 16)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Alappuzha	1785	9	0	0	16	2	1812	13	0	1	0	0	0	180	194	2006	
2	Ernakulam	8393	33	2	0	7	3	8438	16	0	1	0	0	0	4	21	8459	
3	Idukki	1223	43	0	0	1	49	1316	9	1	1	0	0	0	83	94	1410	
4	Kannur	7215	57	1	1	108	4	7386	40	1	1	0	0	0	14	56	7442	
5	Kasargod	4823	177	0	0	4	5	5009	238	1	0	0	0	0	36	275	5284	
6	Kollam	2197	1	0	0	1	4	2203	9	0	0	0	0	0	275	284	2487	
7	Kottayam	1743	6	0	2	19	6	1776	11	0	2	0	0	0	151	164	1940	
8	Kozhikode	4777	71	0	1	48	16	4913	23	0	3	0	3	0	353	382	5295	
9	Malappuram	12166	118	0	1	4	13	12302	61	0	1	0	0	0	392	454	12756	
10	Palakkad	5215	44	1	1	23	4	5288	18	1	0	0	0	0	1	20	5308	
11	Pathanamthitta	1750	25	0	1	89	6	1871	59	0	4	0	1	0	355	419	2290	
12	Thiruvananthapuram	2290	8	0	3	134	4	2439	5	0	1	0	0	0	87	93	2532	
13	Thrissur	24477	75	1	0	1	16	24570	39	3	1	0	0	0	493	536	25106	
14	Wayanad	54	4	0	0	44	0	102	1	0	0	0	0	0	0	1	103	
Total :		78108	671	5	10	499	132	79425	542	7	16	0	4	0	2424	2993	82418	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA

(In Nos.)

Sl. No.	District	Surface Water Schemes (Surface Lift Scheme only)															Total (9+17)
		With one source of energy							With two Source of Energy							Total (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Alappuzha	423	12	0	0	30	3	468	3	0	0	0	0	0	35	38	506
2	Ernakulam	1158	17	1	0	11	2	1189	2	1	0	0	0	0	70	73	1262
3	Idukki	645	153	0	0	1	3	802	9	0	1	0	0	0	85	95	897
4	Kannur	1654	199	0	0	156	11	2020	18	0	1	0	0	0	40	59	2079
5	Kasargod	593	20	0	1	9	3	626	8	0	3	0	0	0	8	19	645
6	Kollam	66	1	0	0	22	2	91	1	0	0	0	0	0	12	13	104
7	Kottayam	385	14	0	0	11	2	412	7	0	0	0	0	0	12	19	431
8	Kozhikode	477	87	0	1	39	13	617	14	0	0	0	1	0	91	106	723
9	Malappuram	1054	48	0	0	8	1	1111	6	0	0	0	0	0	8	14	1125
10	Palakkad	1572	128	3	0	1	32	1736	17	0	0	0	0	0	2	19	1755
11	Pathanamthitta	126	4	0	0	38	14	182	0	0	0	0	0	0	0	0	182
12	Thiruvananthapuram	145	4	0	1	114	17	281	0	0	0	0	0	0	17	17	298
13	Thrissur	2981	33	3	0	1	3	3021	14	1	0	0	0	0	37	52	3073
14	Wayanad	404	191	0	0	24	11	630	17	0	0	0	0	0	27	44	674
Total :		11683	911	7	3	465	117	13186	116	2	5	0	1	0	444	568	13754

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA

Area in ha.

Sl. No.	District	Ground Water Schemes Temporarily not in use due to																
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance				
		No.	CC A	PC	PU	No.	CC A	PC	PU	No.	CC A	PC	PU	No.	CC A	PC	PU	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	-17	(18)	
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	1	0	0	0	5	1	1	1	1	0	0	0	1	0	0	0	0
3	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kannur	2	0	0	0	13	6	4	3	3	1	1	1	2	1	0	0	0
5	Kasargod	0	0	0	0	2	1	1	1	3	1	1	1	0	0	0	0	0
6	Kollam	0	0	0	0	3	2	3	2	2	1	2	1	1	0	0	0	0
7	Kottayam	1	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0
8	Kozhikode	2	1	1	1	9	2	1	1	1	4	4	4	1	0	0	0	0
9	Malappuram	0	0	0	0	14	7	8	7	5	3	2	2	0	0	0	0	0
10	Palakkad	4	7	10	10	0	0	0	0	2	1	1	1	3	2	1	1	1
11	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	1	1	2	2	2	0	0	0	1	0	0	0	0	0	0	0	0
13	Thrissur	4	2	2	2	8	3	3	3	2	3	0	0	0	0	0	0	0
14	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		15	11	16	16	58	23	22	19	20	14	11	10	8	1	1	1	1

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA

Area in ha.

Sl. No.	District	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	2	0	0	0	0	0	0	0	10	3	2	2
3	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
4	Kannur	1	1	0	0	9	3	3	2	30	12	8	6
5	Kasargod	1	1	1	1	2	1	0	0	8	4	4	4
6	Kollam	0	0	0	0	0	0	0	0	6	3	4	3
7	Kottayam	0	0	0	0	0	0	0	0	3	1	1	0
8	Kozhikode	0	0	0	0	7	5	5	3	20	12	12	9
9	Malappuram	2	1	1	1	1	0	0	0	22	11	11	10
10	Palakkad	0	0	0	0	1	1	1	1	10	10	13	13
11	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	0	0	0	0	1	0	0	0	5	2	3	3
13	Thrissur	2	1	0	0	2	0	0	0	18	9	5	5
14	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0
Total :		8	4	2	2	23	11	10	7	132	67	63	55

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED
 State : KERALA (Area in ha.)

Sl. No.	District	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	0	0	0	0	3	55	11	11	0	0	0	0	0	0	0	0
3	Idukki	4	125	135	135	2	2	3	3	1	30	34	34	0	0	0	0
4	Kannur	1	10	10	10	7	16	1	1	2	48	0	0	1	20	0	0
5	Kasargod	1	1	1	1	2	60	95	0	1	5	0	0	0	0	0	0
6	Kollam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottayam	2	21	22	12	1	115	1	1	0	0	0	0	3	17	26	19
8	Kozhikode	1	44	44	44	2	1	0	0	1	1	0	0	0	0	0	0
9	Malappuram	10	60	47	43	14	866	794	787	10	53	68	68	1	2	1	1
10	Palakkad	7	33	35	35	8	394	741	739	4	3	3	3	5	35	35	23
11	Pathanamthitta	0	0	0	0	1	15	14	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thrissur	2	122	122	122	3	1	1	1	1	1	1	1	0	0	0	0
14	Wayanad	0	0	0	0	1	4	4	0	4	21	12	9	9	159	159	55
Total :		29	415	416	401	44	1528	1665	1543	24	163	118	114	19	232	220	98

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA

(Area in ha.)

Sl. No.	District	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	0	0	0	0	0	0	0	0	1	4	12	2	4	59	24	13
3	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	7	157	172	172
4	Kannur	2	73	3	3	0	0	0	0	12	16	5	4	25	183	19	18
5	Kasargod	0	0	0	0	1	31	0	0	2	20	21	20	7	117	117	21
6	Kollam	0	0	0	0	1	6	1	1	3	97	31	7	4	103	32	8
7	Kottayam	0	0	0	0	0	0	0	0	0	0	0	0	6	153	49	32
8	Kozhikode	1	19	19	19	0	0	0	0	5	4	2	1	10	69	65	65
9	Malappuram	7	23	1	0	1	1	1	1	10	67	72	65	53	1072	983	966
10	Palakkad	0	0	0	0	1	16	16	16	2	30	33	33	27	512	863	848
11	Pathanamthitta	1	2	2	2	0	0	0	0	0	0	0	0	2	17	16	2
12	Thiruvananthapuram	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	Thrissur	0	0	0	0	0	0	0	0	0	0	0	0	6	123	123	123
14	Wayanad	3	5	5	0	2	32	17	0	18	170	203	88	37	392	399	152
Total :		14	122	30	24	6	87	35	18	53	409	378	222	189	2957	2863	2421

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA

(Area in Ha)

Sl.No	District	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No	Potential Created but Lost	No	Potential Created but Lost	No	Potential Created but Lost	No	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	1	0	1	0	1	1	0	0	1	0	1	3	0	0	5	4
3	Idukki	0	0	0	0	2	34	0	0	0	0	0	0	0	0	2	34
4	Kannur	2	0	3	1	5	1	0	0	0	0	0	0	13	3	23	5
5	Kasargod	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kollam	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
7	Kottayam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Malappuram	1	1	1	0	8	2	0	0	0	0	0	0	2	0	12	2
10	Palakkad	0	0	1	0	1	0	0	0	0	0	0	0	1	0	3	0
11	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	0	0	0	0	1	0	0	0	0	0	0	0	2	1	3	1
13	Thrissur	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
14	Wayanad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		4	1	6	1	19	37	0	0	1	0	1	3	19	5	50	47

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA

(Area in Ha)

Sl.No	District	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	0	0
2	Ernakulam	0	0	0	0	0	0	0	0	1	11	1	11
3	Idukki	1	0	1	16	3	12	0	0	0	0	5	28
4	Kannur	0	0	1	0	8	73	0	0	9	24	18	97
5	Kasargod	3	2	1	0	3	79	0	0	2	4	9	85
6	Kollam	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottayam	0	0	0	0	0	0	0	0	0	0	0	0
8	Kozhikode	1	0	0	0	0	0	0	0	1	0	2	0
9	Malappuram	1	0	5	14	6	146	0	0	1	0	13	160
10	Palakkad	1	0	2	0	2	1	0	0	0	0	5	1
11	Pathanamthitta	0	0	0	0	0	0	0	0	0	0	0	0
12	Thiruvananthapuram	0	0	0	0	0	0	0	0	1	5	1	5
13	Thrissur	1	0	0	0	0	0	0	0	1	0	2	0
14	Wayanad	0	0	0	0	2	0	0	0	8	235	10	235
Total		8	2	10	30	24	311	0	0	24	279	66	623

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA

Area in ha.

Sl.No	District	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alappuzha	0	0	0	0	0	0	0	0	0	0	22	0	22	0
2	Ernakulam	0	0	54	0	23	4	0	0	0	0	54	14	131	18
3	Idukki	0	0	0	0	5	1	0	0	2	0	1	0	8	1
4	Kannur	3	0	15	0	3	0	0	0	0	0	2	0	23	0
5	Kasargod	1	0	16	1	0	0	0	0	0	0	8	0	25	1
6	Kollam	0	0	1	0	1	0	1	0	0	0	6	0	9	1
7	Kottayam	3	0	17	15	42	6	5	0	0	0	16	1	83	23
8	Kozhikode	0	0	6	0	0	0	0	0	0	0	11	2	17	3
9	Malappuram	5	0	26	0	17	0	0	0	0	0	2	0	50	1
10	Palakkad	1	0	7	0	23	0	0	0	0	0	1	0	32	0
11	Pathanamthitta	0	0	6	0	15	0	0	0	0	0	0	0	21	0
12	Thiruvananthapuram	0	0	1	0	2	1	0	0	0	0	0	0	3	1
13	Thrissur	4	0	32	1	498	35	0	0	6	0	12	0	552	37
14	Wayanad	1	0	0	0	0	0	0	0	0	0	2	0	3	0
Total :		18	1	181	18	629	47	6	0	8	0	137	19	979	86

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA

Area in ha.

Sl.No	District	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alappuzha	2	0	1	0	0	0	0	0	0	0	0	0	10	31	13	31
2	Ernakulam	2	1	24	6	2	67	0	0	0	0	0	0	24	668	52	742
3	Idukki	0	0	1	0	9	0	0	0	0	0	4	0	10	0	24	0
4	Kannur	32	4	11	12	33	104	3	2	0	0	0	0	26	84	105	206
5	Kasargod	4	22	3	3	3	3	2	20	1	0	0	0	12	226	25	273
6	Kollam	0	0	1	0	0	0	0	0	0	0	0	0	7	1	8	1
7	Kottayam	35	34	11	57	4	0	0	0	0	0	0	0	40	794	90	885
8	Kozhikode	2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0
9	Malappuram	12	21	8	62	8	60	9	204	1	24	0	0	3	3	41	374
10	Palakkad	7	0	17	0	37	0	0	0	4	18	0	0	10	61	75	80
11	Pathanamthitta	0	0	5	0	2	0	0	0	0	0	0	0	0	0	7	1
12	Thiruvananthapuram	0	0	6	0	9	7	14	19	0	0	0	0	17	80	46	106
13	Thrissur	16	1	13	6	48	387	1	3	0	0	0	0	14	10	92	406
14	Wayanad	1	0	2	0	14	172	2	5	13	60	0	0	10	22	42	259
Total :		113	82	104	146	169	801	31	253	19	102	4	0	183	1981	623	3364

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA

(In Nos.)

Sl. No.	District	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alappuzha	12	8	4	20	44	43	1919	1962	2006
2	Ernakulam	5	17	17	119	158	14	8292	8306	8464
3	Idukki	41	1	53	4	99	5	1308	1313	1412
4	Kannur	10	7	17	27	61	81	7323	7404	7465
5	Kasargod	5	11	30	20	66	4	5214	5218	5284
6	Kollam	18	4	10	17	49	12	2427	2439	2488
7	Kottayam	2	2	28	31	63	4	1873	1877	1940
8	Kozhikode	6	6	11	11	34	17	5244	5261	5295
9	Malappuram	19	17	38	61	135	32	12601	12633	12768
10	Palakkad	13	4	19	36	72	48	5191	5239	5311
11	Pathanamthitta	7	6	7	44	64	6	2220	2226	2290
12	Thiruvananthapuram	22	2	15	28	67	4	2464	2468	2535
13	Thrissur	38	43	57	294	432	81	24594	24675	25107
14	Wayanad	57	3	3	1	64	6	33	39	103
Total :		255	131	309	713	1408	357	80703	81060	82468

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA

(In Nos.)

Sl. No.	District	Surface water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alappuzha	44	1	2	58	105	536	477	1013	1118
2	Ernakulam	119	8	77	15	219	162	1325	1487	1706
3	Idukki	514	7	32	26	579	42	620	662	1241
4	Kannur	157	4	74	36	271	228	2401	2629	2900
5	Kasargod	424	18	181	19	642	14	583	597	1239
6	Kollam	188	11	91	47	337	9	69	78	415
7	Kottayam	69	6	110	4	189	203	336	539	728
8	Kozhikode	49	0	8	16	73	19	786	805	878
9	Malappuram	596	28	237	9	870	74	844	918	1788
10	Palakkad	79	9	159	56	303	151	1985	2136	2439
11	Pathanamthitta	78	13	241	7	339	32	285	317	656
12	Thiruvananthapuram	144	3	77	27	251	161	862	1023	1274
13	Thrissur	133	29	208	39	409	396	2847	3243	3652
14	Wayanad	363	23	100	37	523	51	581	632	1155
Total :		2957	160	1597	396	5110	2078	14001	16079	21189

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA

(In Nos.)

Sl.No.	District	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10 ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alappuzha	1808	78	19	6	8	1919	419	36	14	4	4	477
2	Ernakulam	7057	1023	149	17	46	8292	1015	231	56	18	5	1,325
3	Idukki	573	413	243	64	15	1308	216	195	144	35	30	620
4	Kannur	6588	539	125	22	49	7323	1615	547	159	50	30	2,401
5	Kasargod	4266	746	155	24	23	5214	306	193	61	18	5	583
6	Kollam	2340	60	17	3	7	2427	55	8	4	2	0	69
7	Kottayam	1463	285	80	40	5	1873	166	99	52	15	4	336
8	Kozhikode	4720	417	82	17	8	5244	465	228	79	11	3	786
9	Malappuram	11322	977	205	44	53	12601	596	161	60	20	7	844
10	Palakkad	3484	1238	375	57	37	5191	1070	571	240	75	29	1,985
11	Pathanamthitta	2113	85	14	2	6	2220	244	36	3	1	1	285
12	Thiruvananthapuram	2359	73	14	11	7	2464	733	87	30	10	2	862
13	Thrissur	22919	1155	266	113	141	24594	2454	250	76	22	45	2,847
14	Wayanad	17	8	7	1	0	33	166	205	136	58	16	581
Total :		71029	7097	1751	421	405	80703	9520	2847	1114	339	181	14001

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA

(In Nos.)

Sl. No.	District	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alappuzha	51	12	577	1279	1919	87	2006	12	7	182	276	477	641	1118
2	Ernakulam	127	16	1470	6679	8292	172	8464	17	0	276	1032	1325	381	1706
3	Idukki	38	14	129	1127	1308	104	1412	19	11	85	505	620	621	1241
4	Kannur	113	25	4272	2913	7323	142	7465	23	2	663	1713	2401	499	2900
5	Kasargod	81	62	2822	2249	5214	70	5284	8	13	130	432	583	656	1239
6	Kollam	83	23	978	1343	2427	61	2488	0	0	37	32	69	346	415
7	Kottayam	43	20	204	1606	1873	67	1940	17	1	28	290	336	392	728
8	Kozhikode	60	13	3181	1990	5244	51	5295	6	2	341	437	786	92	878
9	Malappuram	252	89	9787	2473	12601	167	12768	24	5	587	228	844	944	1788
10	Palakkad	128	29	3147	1887	5191	120	5311	39	14	1069	863	1985	454	2439
11	Pathanamthitta	157	22	207	1834	2220	70	2290	16	2	50	217	285	371	656
12	Thiruvananthapuram	53	14	1168	1229	2464	71	2535	15	1	218	628	862	412	1274
13	Thrissur	286	135	8441	15732	24594	513	25107	25	19	1554	1249	2847	805	3652
14	Wayanad	0	3	5	25	33	70	103	3	16	71	491	581	574	1155
Total :		1472	477	36388	42366	80703	1765	82468	224	93	5291	8393	14001	7188	21189

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA

(In Nos.)

Sl.No	District	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alappuzha	69	15	1324	2	8	1418	162	312	0	23	1	0	3	501	1919
2	Ernakulam	224	35	6394	1	117	6771	680	767	0	41	1	13	19	1521	8292
3	Idukki	7	5	828	0	15	855	190	138	10	1	0	0	114	453	1308
4	Kannur	301	40	3455	1	71	3868	1752	1312	2	117	1	0	271	3455	7323
5	Kasargod	415	10	3394	3	94	3916	642	195	4	16	1	1	439	1298	5214
6	Kollam	97	50	800	0	9	956	290	954	3	71	1	1	151	1471	2427
7	Kottayam	70	8	768	0	3	849	210	646	12	28	0	10	118	1024	1873
8	Kozhikode	93	59	3118	3	22	3295	995	605	27	82	1	3	236	1949	5244
9	Malappuram	540	153	8268	19	56	9036	1856	899	69	251	6	6	478	3565	12601
10	Palakkad	148	47	3961	21	61	4238	665	126	33	69	2	0	58	953	5191
11	Pathanamthitta	91	60	457	0	7	615	206	1208	1	184	0	0	6	1605	2220
12	Thiruvananthapuram	69	35	1488	2	15	1609	80	693	13	6	0	15	48	855	2464
13	Thrissur	866	56	20842	21	238	22023	1058	707	6	146	5	0	649	2571	24594
14	Wayanad	0	4	9	0	0	13	9	11	0	0	0	0	0	20	33
Total :		2990	577	55106	73	716	59462	8795	8573	180	1035	19	49	2590	21241	80703

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA

Sl. No.	District	Surface Water Schemes														Total (8 + 16)
		With one source of Finance					With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alappuzha	26	4	228	12	11	281	67	102	4	16	0	0	7	196	477
2	Ernakulam	25	86	1058	0	47	1216	48	55	0	2	0	0	4	109	1325
3	Idukki	18	5	417	0	4	444	87	42	16	2	0	0	29	176	620
4	Kannur	155	15	1335	1	193	1699	444	211	0	14	0	0	33	702	2401
5	Kasargod	11	11	430	0	4	456	89	0	0	7	5	0	26	127	583
6	Kollam	15	3	22	0	1	41	3	7	1	1	1	0	15	28	69
7	Kottayam	15	13	207	0	0	235	6	88	3	0	0	0	4	101	336
8	Kozhikode	11	19	436	0	51	517	123	47	1	2	0	0	96	269	786
9	Malappuram	58	13	581	8	3	663	103	36	18	11	0	0	13	181	844
10	Palakkad	57	39	1395	13	96	1600	213	62	17	37	1	0	55	385	1985
11	Pathanamthitta	37	23	123	0	94	277	0	6	0	2	0	0	0	8	285
12	Thiruvananthapuram	18	21	369	0	128	536	9	230	23	21	0	35	8	326	862
13	Thrissur	101	23	2487	4	97	2712	64	12	0	3	0	1	55	135	2847
14	Wayanad	22	59	272	0	114	467	48	50	0	9	0	0	7	114	581
Total :		569	334	9360	38	843	11144	1304	948	83	127	7	36	352	2857	14001

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA

(In Nos.)

Sl. No.	District	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alappuzha	0	1270	1270	0	728	728	0	5	5	0	3	3	0	2006	2006
2	Ernakulam	0	8356	8356	0	70	70	0	28	28	0	10	10	0	8464	8464
3	Idukki	1	1190	1191	0	17	17	0	70	70	0	134	134	1	1411	1412
4	Kannur	0	7319	7319	0	54	54	0	62	62	0	30	30	0	7465	7465
5	Kasargod	0	4111	4111	0	438	438	0	341	341	0	394	394	0	5284	5284
6	Kollam	0	2417	2417	0	57	57	0	12	12	0	2	2	0	2488	2488
7	Kottayam	0	1918	1918	0	9	9	0	7	7	0	6	6	0	1940	1940
8	Kozhikode	0	5170	5170	0	95	95	0	24	24	0	6	6	0	5295	5295
9	Malappuram	0	12384	12384	0	210	210	0	95	95	0	79	79	0	12768	12768
10	Palakkad	0	3125	3125	0	572	572	0	755	755	0	859	859	0	5311	5311
11	Pathanamthitta	0	2229	2229	0	13	13	0	16	16	0	32	32	0	2290	2290
12	Thiruvananthapuram	0	2504	2504	0	19	19	0	6	6	0	6	6	0	2535	2535
13	Thrissur	0	22170	22170	0	2220	2220	0	515	515	0	202	202	0	25107	25107
14	Wayanad	0	94	94	0	1	1	0	3	3	0	5	5	0	103	103
Total :		1	74257	74258	0	4503	4503	0	1939	1939	0	1768	1768	1	82467	82468

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA

(In Nos.)

Sl. No.	District	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alappuzha	0	612	612	0	506	506	0	1118	1118
2	Ernakulam	0	443	443	0	1263	1263	0	1706	1706
3	Idukki	9	332	341	1	899	900	10	1231	1241
4	Kannur	0	817	817	0	2083	2083	0	2900	2900
5	Kasargod	0	593	593	0	646	646	0	1239	1239
6	Kollam	0	311	311	0	104	104	0	415	415
7	Kottayam	0	297	297	0	431	431	0	728	728
8	Kozhikode	0	154	154	0	724	724	0	878	878
9	Malappuram	0	662	662	0	1126	1126	0	1788	1788
10	Palakkad	0	681	681	0	1758	1758	0	2439	2439
11	Pathanamthitta	0	474	474	0	182	182	0	656	656
12	Thiruvananthapuram	0	975	975	0	299	299	0	1274	1274
13	Thrissur	0	577	577	0	3075	3075	0	3652	3652
14	Wayanad	0	469	469	0	686	686	0	1155	1155
Total :		9	7397	7406	1	13782	13783	10	21179	21189

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE
State : KERALA **(In No./Area in ha.)**

Sl.No	District	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alappuzha	67	234	580	594	94	57	1212	652	8	7	2	3	43	13	2006	1561
2	Ernakulam	592	368	5606	2940	443	238	1719	739	19	11	30	22	40	13	8449	4330
3	Idukki	9	39	39	184	56	192	1073	1319	16	12	33	30	184	1234	1410	3011
4	Kannur	81	32	176	73	474	218	6043	2041	97	28	395	280	146	112	7412	2784
5	Kasargod	227	122	605	432	1498	820	2017	1052	90	55	799	598	40	19	5276	3098
6	Kollam	81	24	173	45	796	283	1351	390	7	6	6	7	67	13	2481	769
7	Kottayam	39	47	383	721	79	384	1334	995	12	7	6	3	84	46	1937	2204
8	Kozhikode	55	30	867	426	153	178	3963	1613	15	9	108	77	114	39	5275	2373
9	Malappuram	1076	311	3778	2129	1196	831	6419	2842	77	52	182	163	6	1	12734	6329
10	Palakkad	1211	1407	2534	2636	320	419	920	1292	117	139	160	121	36	34	5298	6048
11	Pathanamthitta	123	39	775	228	130	47	1073	404	6	2	1	0	182	48	2290	768
12	Thiruvananthapuram	158	41	560	224	321	115	1158	351	9	8	10	8	311	76	2527	822
13	Thrissur	2006	681	14401	6273	3166	1322	5046	1778	63	27	253	109	153	45	25088	10235
14	Wayanad	3	1	16	20	1	0	22	18	2	0	11	21	48	41	103	101
Total :		5728	3377	30493	16925	8727	5105	33350	15488	538	362	1996	1442	1454	1733	82286	44433

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA

(Area in ha.)

Sl. No.	District	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alappuzha	118	7767	452	12292	150	10035	261	3338	5	4	2	81	130	4818	1118	38335
2	Ernakulam	259	6921	1028	7376	85	942	283	336	8	8	8	9	30	84	1701	15677
3	Idukki	80	2692	105	648	175	2320	759	6451	3	5	10	148	97	1864	1229	14127
4	Kannur	104	678	576	3736	163	119	1145	1220	41	32	635	468	193	357	2857	6611
5	Kasargod	97	2442	479	7165	91	220	250	683	9	6	204	229	93	1175	1223	11920
6	Kollam	90	2875	180	2452	16	39	67	202	1	1	4	8	53	446	411	6023
7	Kottayam	58	1308	349	8858	13	87	253	874	5	7	3	1	41	471	722	11607
8	Kozhikode	25	228	212	800	15	114	473	503	7	8	68	81	66	103	866	1837
9	Malappuram	269	8224	911	9060	46	361	465	2143	18	18	10	16	3	13	1722	19834
10	Palakkad	404	3515	1130	4358	228	811	434	855	40	49	61	118	110	455	2407	10160
11	Pathanamthitta	38	792	421	3108	9	13	68	66	0	0	0	0	118	512	654	4491
12	Thiruvananthapuram	335	1520	765	3504	8	38	39	113	3	1	1	1	121	913	1272	6089
13	Thrissur	237	4436	1548	13737	542	1307	1185	2000	5	5	87	87	40	687	3644	22257
14	Wayanad	199	4886	393	2391	19	57	259	1526	2	26	121	3224	115	361	1108	12471
Total :		2313	48284	8549	79485	1560	16463	5941	20309	147	170	1214	4469	1210	12258	20934	181439

Table. XIX

NUMBER OF TRIBAL VILLAGES HAVING MAJOR/MEDIUM IRRIGATION SCHEMES, MINOR IRRIGATION SCHEMES AND NO IRRIGATION SCHMES

State : KERALA

(In Nos.)

Sl..No.	District	Only Major / Medium Schmes	Only Minor Irrigation Scheme	Both Major/Medium & MI Scheme	No Irrigation Scheme
(1)	(2)	(3)	(4)	(5)	(6)
1	Idukki	0	1	0	0
Total :		0	1	0	0

THIRUVANANTHAPURAM

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (8+11)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (9+10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Athiyannoor	5	101	2	2	0	105	6	18	24	129
2	Chirayinkeezhu	6	167	7	0	0	174	23	9	32	206
3	Corporation /Municipality	5	218	1	0	1	220	74	10	84	304
4	Kilimanoor	8	100	3	0	0	103	311	58	369	472
5	Nedumangad	5	74	0	0	0	74	16	7	23	97
6	Nemom	7	231	2	2	1	236	60	18	78	314
7	Parassala	6	360	0	0	0	360	74	7	81	441
8	Perumkadavila	8	250	0	0	0	250	280	99	379	629
9	Pothencode	5	40	3	0	0	43	16	4	20	63
10	Vamanapuram	8	385	1	0	2	388	24	55	79	467
11	Varkala	7	298	0	2	2	302	49	7	56	358
12	Vellanadu	8	280	0	0	0	280	42	7	49	329
Total :		78	2504	19	6	6	2535	975	299	1274	3809

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : THIRUVANANTHAPURAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Athiyanoor	103	31	35	33	24	57	92	92	127	88	126	125
2	Chirayinkeezhu	174	57	59	56	32	189	188	186	206	246	246	242
3	Corporation /Municipality	219	57	66	62	83	472	510	501	302	529	576	563
4	Kilimanoor	103	75	87	86	369	315	400	398	472	390	487	484
5	Nedumangad	74	26	25	25	23	8	8	8	97	33	33	33
6	Nemom	236	89	68	63	78	685	1153	1018	314	774	1221	1081
7	Parassala	360	83	96	94	81	419	622	582	441	501	718	676
8	Perumkadavila	249	103	96	84	379	676	1376	1234	628	779	1472	1318
9	Pothencode	43	10	12	11	20	11	18	13	63	21	30	24
10	Vamanapuram	387	75	123	122	79	495	789	787	466	570	912	909
11	Varkala	299	99	119	109	55	700	1482	1046	354	799	1600	1155
12	Vellanadu	280	72	78	76	49	225	225	225	329	297	303	301
Total :		2527	776	863	821	1272	4250	6862	6090	3799	5027	7725	6911

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : THIRUVANANTHAPURAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Athiyanoor	2	0	0	0	0	0	0		2	0	0	0
2	Chirayinkeezhu	0	0	0		0	0	0		0	0	0	0
3	Corporation /Municipality	1	0	0	0	1	0	0	0	2	1	1	1
4	Kilimanoor	0	0	0		0	0	0		0	0	0	0
5	Nedumangad	0	0	0		0	0	0		0	0	0	0
6	Nemom	0	0	0		0	0	0		0	0	0	0
7	Parassala	0	0	0		0	0	0		0	0	0	0
8	Perumkadavila	0	0	0		0	0	0		0	0	0	0
9	Pothencode	0	0	0		0	0	0		0	0	0	0
10	Vamanapuram	1	1	2	2	0	0	0		1	1	2	2
11	Varkala	1	0	0	0	0	0	0		1	0	0	0
12	Vellanadu	0	0	0		0	0	0		0	0	0	0
Total :		5	2	3	3	1	0	0	0	6	2	3	3

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : THIRUVANANTHAPURAM

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Athiyanloor	0	0	0	0	0	0	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0
8	Perumkadavila	1	0	0	0	0	0	1	0	0
9	Pothencode	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0
11	Varkala	2	1	1	1	5	5	3	6	6
12	Vellanadu	0	0	0	0	0	0	0	0	0
Total :		3	2	1	1	5	5	4	7	6

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Athiyannoor	1	88	13	3	0	0	105	14	3	0	4	1	2	24
2	Chirayinkeezhu	40	129	0	4	0	1	174	8	1	0	4	5	14	32
3	Corporation /Municipality	23	162	32	2	1	0	220	55	2	1	7	12	7	84
4	Kilimanoor	6	63	32	2	0	0	103	53	180	122	14	0	0	369
5	Nedumangad	0	71	3	0	0	0	74	3	17	2	1	0	0	23
6	Nemom	17	212	4	3	0	0	236	16	4	0	39	15	4	78
7	Parassala	73	225	54	8	0	0	360	59	1	0	7	7	7	81
8	Perumkadavila	13	207	18	8	4	0	250	303	59	2	7	6	2	379
9	Pothencode	17	15	10	1	0	0	43	16	3	0	0	1	0	20
10	Vamanapuram	52	312	24	0	0	0	388	28	27	0	5	8	11	79
11	Varkala	127	161	8	6	0	0	302	13	5	4	9	4	21	56
12	Vellanadu	7	272	1	0	0	0	280	2	6	8	23	8	2	49
Total :		376	1917	199	37	5	1	2535	570	308	139	120	67	70	1274

Table. V (Continued...)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Total No. of minor Irrigation Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Athiyanoor	15	91	13	7	1	2	129
2	Chirayinkeezhu	48	130	0	8	5	15	206
3	Corporation /Municipality	78	164	33	9	13	7	304
4	Kilimanoor	59	243	154	16	0	0	472
5	Nedumangad	3	88	5	1	0	0	97
6	Nemom	33	216	4	42	15	4	314
7	Parassala	132	226	54	15	7	7	441
8	Perumkadavila	316	266	20	15	10	2	629
9	Pothencode	33	18	10	1	1	0	63
10	Vamanapuram	80	339	24	5	8	11	467
11	Varkala	140	166	12	15	4	21	358
12	Vellanadu	9	278	9	23	8	2	329
Total :		946	2225	338	157	72	71	3809

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : THIRUVANANTHAPURAM

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Athiyannoor	4	2	25	2	33	18	20	37	17	92	22	22	62	19	125
2	Chirayinkeezhu	1	12	33	11	56	17	18	144	7	186	18	30	177	18	243
3	Corporation /Municipality	11	10	36	5	62	104	117	163	118	501	115	127	199	124	564
4	Kilimanoor	23	10	36	18	86	108	60	161	68	398	131	71	197	86	485
5	Nedumangad	4	2	13	5	25	1	0	6	0	8	5	3	20	5	33
6	Nemom	8	8	41	6	63	242	263	305	208	1018	250	271	347	213	1081
7	Parassala	12	12	68	3	94	116	97	255	114	582	128	109	323	117	676
8	Perumkadavila	19	15	39	12	84	313	382	209	329	1234	332	397	248	341	1318
9	Pothencode	1	2	7	1	11	5	6	1	1	13	5	8	8	2	24
10	Vamanapuram	25	28	45	26	124	178	179	263	167	787	203	207	308	193	911
11	Varkala	13	10	79	7	109	394	346	245	61	1046	407	357	324	68	1155
12	Vellanadu	19	19	25	13	76	0	0	224	1	225	20	19	249	14	301
Total :		138	131	447	109	825	1495	1490	2013	1091	6089	1633	1620	2461	1199	6914

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : THIRUVANANTHAPURAM

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Athiyannoor	0	0	0	0	0	4	6	17	3	30	4	6	17	3	30
2	Chirayinkeezhu	1	4	10	2	17	7	9	30	6	52	8	13	40	8	69
3	Corporation /Municipality	0	0	0	0	0	19	19	24	15	77	19	19	24	15	77
4	Kilimanoor	1	0	2	0	4	9	4	12	3	29	10	5	15	3	33
5	Nedumangad	3	2	7	3	15	1	0	3	0	4	4	2	10	4	19
6	Nemom	0	0	1	0	2	1	1	3	0	4	1	1	4	0	6
7	Parassala	12	11	66	3	92	116	97	255	114	582	128	109	321	116	673
8	Perumkadavila	3	2	10	2	16	195	253	74	219	741	197	255	84	221	757
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	2	2	3	1	8	0	0	15	1	16	2	2	17	2	24
Total :		21	22	99	12	154	352	390	433	360	1535	373	412	532	372	1689

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl .No	Block	Ground Water Schemes											Total (8 +13)	
		With One lifting Device						With two lifting Device						
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Athiyanoor	36	57	0	0	12	105	0	0	0	0	0	0	105
2	Chirayinkeezhu	11	158	0	0	3	172	1	0	0	1	2	174	
3	Corporation /Municipality	92	90	0	7	8	197	0	0	2	21	23	220	
4	Kilimanoor	1	102	0	0	0	103	0	0	0	0	0	103	
5	Nedumangad	0	74	0	0	0	74	0	0	0	0	0	74	
6	Nemom	160	57	0	0	13	230	1	0	0	5	6	236	
7	Parassala	276	45	0	18	18	357	0	0	0	3	3	360	
8	Perumkadavila	108	108	0	0	13	229	0	0	0	20	20	249	
9	Pothencode	11	24	0	0	7	42	1	0	0	0	1	43	
10	Vamanapuram	243	73	0	0	68	384	1	0	0	3	4	388	
11	Varkala	125	174	0	0	1	300	0	0	0	0	0	300	
12	Vellanadu	0	279	0	0	0	279	1	0	0	0	1	280	
Total :		1063	1241	0	25	143	2472	5	0	2	53	60	2532	

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device					With two lifting Device							
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	Total (20 + 25)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)	
1	Athiyannoor	0	4	0	0	14	18	0	0	0	0	0	0	18
2	Chirayinkeezhu	0	9	0	0	0	9	0	0	0	0	0	0	9
3	Corporation /Municipality	4	3	0	1	2	10	0	0	0	0	0	0	10
4	Kilimanoor	4	54	0	0	0	58	0	0	0	0	0	0	58
5	Nedumangad	0	7	0	0	0	7	0	0	0	0	0	0	7
6	Nemom	0	5	0	0	11	16	0	0	0	2	2	2	18
7	Parassala	0	0	0	0	6	6	0	0	0	1	1	1	7
8	Perumkadavila	7	5	0	0	80	92	0	0	0	7	7	7	99
9	Pothencode	0	4	0	0	0	4	0	0	0	0	0	0	4
10	Vamanapuram	15	15	0	0	24	54	1	0	0	0	1	1	55
11	Varkala	1	5	0	0	0	6	0	0	0	0	0	0	6
12	Vellanadu	0	7	0	0	0	7	0	0	0	0	0	0	7
Total :		31	118	0	1	137	287	1	0	0	10	11	298	

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy									Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)			
1	Athiyanoor	92	1	0	0	9	1	103	1	0	0	0	0	0	1	2	105	
2	Chirayinkeezhu	169	1	0	0	4	0	174	0	0	0	0	0	0	0	0	174	
3	Corporation /Municipality	182	0	0	0	15	0	197	0	0	0	0	0	0	23	23	220	
4	Kilimanoor	103	0	0	0	0	0	103	0	0	0	0	0	0	0	0	103	
5	Nedumangad	74	0	0	0	0	0	74	0	0	0	0	0	0	0	0	74	
6	Nemom	191	0	0	2	6	1	200	0	0	0	0	0	0	36	36	236	
7	Parassala	318	1	0	0	34	2	355	1	0	1	0	0	0	3	5	360	
8	Perumkadavila	222	1	0	1	3	0	227	2	0	0	0	0	0	20	22	249	
9	Pothencode	39	0	0	0	4	0	43	0	0	0	0	0	0	0	0	43	
10	Vamanapuram	320	4	0	0	59	0	383	1	0	0	0	0	0	4	5	388	
11	Varkala	300	0	0	0	0	0	300	0	0	0	0	0	0	0	0	300	
12	Vellanadu	280	0	0	0	0	0	280	0	0	0	0	0	0	0	0	280	
Total :		2290	8	0	3	134	4	2439	5	0	1	0	0	0	87	93	2532	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)
		With one source of energy							With two Source of Energy							Total (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Athiyanoor	4	0	0	0	14	0	18	0	0	0	0	0	0	0	0	18
2	Chirayinkeezhu	9	0	0	0	0	0	9	0	0	0	0	0	0	0	0	9
3	Corporation /Municipality	3	1	0	0	6	0	10	0	0	0	0	0	0	0	0	10
4	Kilimanoor	58	0	0	0	0	0	58	0	0	0	0	0	0	0	0	58
5	Nedumangad	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
6	Nemom	7	0	0	0	6	3	16	0	0	0	0	0	0	2	2	18
7	Parassala	0	0	0	0	7	0	7	0	0	0	0	0	0	0	0	7
8	Perumkadavila	14	1	0	1	56	13	85	0	0	0	0	0	0	14	14	99
9	Pothencode	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	4
10	Vamanapuram	26	2	0	0	25	1	54	0	0	0	0	0	0	1	1	55
11	Varkala	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0	6
12	Vellanadu	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7
Total :		145	4	0	1	114	17	281	0	0	0	0	0	0	17	17	298

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Athiyannoor	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Perumkadavila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	1	0	2	2	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	0	2	2	2	0	0	0	1	0	0	0	0	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Athiyannoor	0	0	0	0	0	0	0	0	2	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	1	0	0	0	1	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0
8	Perumkadavila	0	0	0	0	0	0	0	0	0	0	0	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	1	1	2	2
11	Varkala	0	0	0	0	0	0	0	0	1	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	1	0	0	0	5	2	3	3

Table. X (B)

NUMBER OF SCHEMES TEMPORARILY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Athiyannoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Perumkadavila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Athiyanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Perumkadavila	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0

Table XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : THIRUVANANTHAPURAM

(Area in Ha)

Sl. No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	No.	Potential Created But Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Athiyannoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Perumkadavila	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	.
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	2	1.13	2	1.13	.
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	1	0	0	0	0	0	0	0	2	1.13	3	1.13	

Table XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : THIRUVANANTHAPURAM

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Athiyannoor	0	.	0	.	0	.	0	0	0	.	0	.
2	Chirayinkeezhu	0	.	0	.	0	.	0	0	0	.	0	.
3	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
4	Kilimanoor	0	.	0	.	0	.	0	0	0	.	0	.
5	Nedumangad	0	.	0	.	0	.	0	0	0	.	0	.
6	Nemom	0	.	0	.	0	.	0	0	0	.	0	.
7	Parassala	0	.	0	.	0	.	0	0	0	.	0	.
8	Perumkadavila	0	.	0	.	0	.	0	0	0	.	0	.
9	Pothencode	0	.	0	.	0	.	0	0	0	.	0	.
10	Vamanapuram	0	.	0	.	0	.	0	0	0	.	0	.
11	Varkala	0	.	0	.	0	.	0	0	1	5.	1	5.
12	Vellanadu	0	.	0	.	0	.	0	0	0	.	0	.
Total		0	.	0	.	0	.	0	0	1	5.	1	5.

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

S.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Athiyanoor	0	0	0	0	2	1	0	0	0	0	0	0	2	1
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parassala	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Perumkadavila	0	0	1	0	0	0	0	0	0	0	0	0	1	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	1	0	2	1	0	0	0	0	0	0	3	1

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : THIRUVANANTHAPURAM

Area in ha.

Sl. No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No .	Potential under Utilised	No .	Potential under Utilised	No .	Potential under Utilised	No .	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Athiyannoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chirayinkeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kilimanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Nedumangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Nemom	0	0	0	0	9	7	14	19	0	0	0	0	16	80	39	106
7	Parassala	0	0	4	0	0	0	0	0	0	0	0	0	1	0	5	0
8	Perumkadavila	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
9	Pothencode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Vamanapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Varkala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vellanadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	6	0	9	7	14	19	0	0	0	0	17	80	46	106

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Athiyannoor	1	0	0	10	11	0	94	94	105
2	Chirayinkeezhu	0	1	0	0	1	0	173	173	174
3	Corporation /Municipality	16	0	9	7	32	1	187	188	220
4	Kilimanoor	0	0	1	1	2	0	101	101	103
5	Nedumangad	3	0	1	0	4	0	70	70	74
6	Nemom	0	0	0	0	0	1	235	236	236
7	Parassala	0	0	0	1	1	0	359	359	360
8	Perumkadavila	1	0	3	2	6	1	243	244	250
9	Pothencode	0	0	0	0	0	0	43	43	43
10	Vamanapuram	0	1	1	6	8	1	379	380	388
11	Varkala	1	0	0	0	1	0	301	301	302
12	Vellanadu	0	0	0	1	1	0	279	279	280
Total :		22	2	15	28	67	4	2464	2468	2535

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Athiyanoor	0	0	7	5	12	0	12	12	24
2	Chirayinkeezhu	11	0	12	0	23	0	9	9	32
3	Corporation /Municipality	13	1	9	1	24	25	35	60	84
4	Kilimanoor	0	0	0	1	1	44	324	368	369
5	Nedumangad	0	0	0	1	1	1	21	22	23
6	Nemom	34	0	30	3	67	3	8	11	78
7	Parassala	1	0	0	12	13	15	53	68	81
8	Perumkadavila	4	2	4	2	12	62	305	367	379
9	Pothencode	1	0	0	1	2	0	18	18	20
10	Vamanapuram	22	0	1	1	24	3	52	55	79
11	Varkala	43	0	0	0	43	1	12	13	56
12	Vellanadu	15	0	14	0	29	7	13	20	49
Total :		144	3	77	27	251	161	862	1023	1274

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>= 10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>= 10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Athiyanoor	90	4	0	0	0	94	9	3	0	0	0	12
2	Chirayinkeezhu	163	9	0	1	0	173	9	0	0	0	0	9
3	Corporation /Municipality	181	5	0	0	1	187	32	2	0	1	0	35
4	Kilimanoor	77	19	2	1	2	101	250	55	14	5	0	324
5	Nedumangad	66	3	0	1	0	70	20	1	0	0	0	21
6	Nemom	232	3	0	0	0	235	8	0	0	0	0	8
7	Parassala	349	4	3	3	0	359	51	1	0	0	1	53
8	Perumkadavila	238	4	0	1	0	243	270	20	11	4	0	305
9	Pothencode	43	0	0	0	0	43	17	0	1	0	0	18
10	Vamanapuram	375	4	0	0	0	379	47	3	1	0	1	52
11	Varkala	277	13	6	3	2	301	11	0	1	0	0	12
12	Vellanadu	268	5	3	1	2	279	9	2	2	0	0	13
Total :		2359	73	14	11	7	2464	733	87	30	10	2	862

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Athiyannoor	4	0	44	46	94	11	105	0	0	4	8	12	12	24
2	Chirayinkeezhu	2	1	140	30	173	1	174	0	0	3	6	9	23	32
3	Corporation /Municipality	5	0	58	124	187	33	220	1	0	4	30	35	49	84
4	Kilimanoor	0	0	42	59	101	2	103	8	0	87	229	324	45	369
5	Nedumangad	0	1	12	57	70	4	74	2	1	0	18	21	2	23
6	Nemom	2	1	106	126	235	1	236	0	0	6	2	8	70	78
7	Parassala	33	1	155	170	359	1	360	2	0	22	29	53	28	81
8	Perumkadavila	0	1	118	124	243	7	250	1	0	69	235	305	74	379
9	Pothencode	1	1	30	11	43	0	43	0	0	7	11	18	2	20
10	Vamanapuram	3	3	75	298	379	9	388	1	0	8	43	52	27	79
11	Varkala	1	1	204	95	301	1	302	0	0	2	10	12	44	56
12	Vellanadu	2	4	184	89	279	1	280	0	0	6	7	13	36	49
Total :		53	14	1168	1229	2464	71	2535	15	1	218	628	862	412	1274

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Athiyanoor	5	1	15	0	0	21	7	24	6	0	0	0	36	73	94
2	Chirayinkeezhu	14	1	153	0	0	168	4	0	0	1	0	0	0	5	173
3	Corporation /Municipality	5	0	119	0	1	125	14	48	0	0	0	0	0	62	187
4	Kilimanoor	0	0	20	2	0	22	0	63	3	0	0	13	0	79	101
5	Nedumangad	9	1	52	0	3	65	0	2	0	3	0	0	0	5	70
6	Nemom	1	0	174	0	2	177	5	36	4	0	0	1	12	58	235
7	Parassala	0	0	313	0	0	313	17	29	0	0	0	0	0	46	359
8	Perumkadavila	19	1	136	0	7	163	27	52	0	1	0	0	0	80	243
9	Pothencode	7	3	32	0	0	42	0	1	0	0	0	0	0	1	43
10	Vamanapuram	4	27	115	0	0	146	1	231	0	0	0	1	0	233	379
11	Varkala	1	1	150	0	1	153	5	142	0	1	0	0	0	148	301
12	Vellanadu	4	0	209	0	1	214	0	65	0	0	0	0	0	65	279
Total :		69	35	1488	2	15	1609	80	693	13	6	0	15	48	855	2464

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes															
		With one source of Finance						With two Sources of finance							Total (8 + 16)		
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others		Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Athiyannoor	0	3	6	0	0	9	1	0	6	0	0	0	0	-4	3	12
2	Chirayinkeezhu	0	0	9	0	0	9	0	0	0	0	0	0	0	0	0	9
3	Corporation /Municipality	2	5	23	0	2	32	0	2	0	1	0	0	0	0	3	35
4	Kilimanoor	7	9	33	0	0	49	2	194	3	17	0	34	25	275	324	
5	Nedumangad	5	2	10	0	1	18	0	0	0	3	0	0	0	3	21	
6	Nemom	0	0	3	0	2	5	0	1	4	0	0	1	-3	3	8	
7	Parassala	0	0	42	0	11	53	0	0	0	0	0	0	0	0	53	
8	Perumkadavila	2	0	190	0	104	296	5	4	0	0	0	0	0	9	305	
9	Pothencode	0	0	9	0	8	17	0	1	0	0	0	0	0	1	18	
10	Vamanapuram	0	2	23	0	0	25	0	27	0	0	0	0	0	27	52	
11	Varkala	0	0	10	0	0	10	1	1	0	0	0	0	0	2	12	
12	Vellanadu	2	0	11	0	0	13	0	0	0	0	0	0	0	0	13	
Total :		18	21	369	0	128	536	9	230	13	21	0	35	18	326	862	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Athiyannoor	0	101	101	0	2	2	0	2	2	0	0	0	0	105	105
2	Chirayinkeezhu	0	167	167	0	7	7	0	0	0	0	0	0	0	174	174
3	Corporation /Municipality	0	218	218	0	1	1	0	0	0	0	1	1	0	220	220
4	Kilimanoor	0	100	100	0	3	3	0	0	0	0	0	0	0	103	103
5	Nedumangad	0	74	74	0	0	0	0	0	0	0	0	0	0	74	74
6	Nemom	0	231	231	0	2	2	0	2	2	0	1	1	0	236	236
7	Parassala	0	360	360	0	0	0	0	0	0	0	0	0	0	360	360
8	Perumkadavila	0	250	250	0	0	0	0	0	0	0	0	0	0	250	250
9	Pothencode	0	40	40	0	3	3	0	0	0	0	0	0	0	43	43
10	Vamanapuram	0	385	385	0	1	1	0	0	0	0	2	2	0	388	388
11	Varkala	0	298	298	0	0	0	0	2	2	0	2	2	0	302	302
12	Vellanadu	0	280	280	0	0	0	0	0	0	0	0	0	0	280	280
Total :		0	2504	2504	0	19	19	0	6	6	0	6	6	0	2535	2535

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : THIRUVANANTHAPURAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Athiyannoor	0	6	6	0	18	18	0	24	24
2	Chirayinkeezhu	0	23	23	0	9	9	0	32	32
3	Corporation /Municipality	0	74	74	0	10	10	0	84	84
4	Kilimanoor	0	311	311	0	58	58	0	369	369
5	Nedumangad	0	16	16	0	7	7	0	23	23
6	Nemom	0	60	60	0	18	18	0	78	78
7	Parassala	0	74	74	0	7	7	0	81	81
8	Perumkadavila	0	280	280	0	99	99	0	379	379
9	Pothencode	0	16	16	0	4	4	0	20	20
10	Vamanapuram	0	24	24	0	55	55	0	79	79
11	Varkala	0	49	49	0	7	7	0	56	56
12	Vellanadu	0	42	42	0	7	7	0	49	49
Total :		0	975	975	0	299	299	0	1274	1274

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : THIRUVANANTHAPURAM

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Athiyanoor	19	5	0		10	6	4	1	0		0		70	22	103	33
2	Chirayinkeezhu	0		71	25	1	0	93	26	1	1	4	3	4	1	174	56
3	Corporation /Municipality	13	4	1	1	29	10	116	33	4	4	1	0	55	10	219	62
4	Kilimanoor	0		103	86	0		0		0		0		0		103	86
5	Nedumangad	0		74	25	0		0		0		0		0		74	25
6	Nemom	28	8	5	2	95	27	74	15	0		1	1	33	9	236	63
7	Parassala	59	10	2	0	0		267	77	0		0		32	7	360	94
8	Perumkadavila	5	2	0		66	27	173	54	1	0	0		4	2	249	84
9	Pothencode	2	1	0		10	3	16	4	0		1	0	14	2	43	11
10	Vamanapuram	24	7	18	7	25	8	238	81	1	0	0		81	19	387	122
11	Varkala	7	4	7	1	85	35	177	59	2	2	3	4	18	4	299	109
12	Vellanadu	1	0	279	76	0		0		0		0		0		280	76
Total :		158	41	560	224	321	115	1158	351	9	8	10	8	311	76	2527	822

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : THIRUVANANTHAPURAM

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Athiyanoor	3	1	17	75	1	7	0		0	0	1	1	2	8	24	92
2	Chirayinkeezhu	2	10	30	176	0	0	0		0	0	0	0	0	0	32	186
3	Corporation /Municipality	35	181	40	279	1	2	5	38	0	0	0	0	2	1	83	501
4	Kilimanoor	2	2	365	395	1	1	0		1	0	0	0	0	0	369	398
5	Nedumangad	1	0	21	8	1	0	0		0	0	0	0	0	0	23	8
6	Nemom	1	6	70	965	2	26	2	20	0	0	0	0	3	1	78	1018
7	Parassala	8	2	55	575	0	0	2	0	1	0	0	0	15	4	81	582
8	Perumkadavila	239	562	47	216	1	1	17	35	1	0	0	0	74	418	379	1234
9	Pothencode	7	5	10	5	0	0	2	2	0	0	0	0	1	0	20	13
10	Vamanapuram	24	420	38	170	1	0	7	13	0	0	0	0	9	183	79	787
11	Varkala	13	329	23	416	0	0	4	4	0	0	0	0	15	297	55	1046
12	Vellanadu	0	0	49	225	0	0	0		0	0	0	0	0	0	49	225
Total :		335	1520	765	3504	8	38	39	113	3	1	1	1	121	913	1272	6089

KOLLAM

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : KOLLAM

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dug well	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(12)	(13)
1	Anchal	8	272	2	0	0	274	67	3	70	344
2	Chadayamangalam	8	397	0	0	0	397	57	2	59	456
3	Chavara	5	136	14	0	1	151	1	6	7	158
4	Chittumala	8	272	2	3	0	277	6	8	14	291
5	Corporation /Municipality	4	178	2	2	0	182	7	6	13	195
6	Ithikkara	5	174	0	7	1	182	0	4	4	186
7	Kottarakkara	6	207	2	0	0	209	59	1	60	269
8	Mukhathala	5	187	0	0	0	187	0	5	5	192
9	Ochira	6	182	33	0	0	215	0	22	22	237
10	Pathnapuram	6	124	0	0	0	124	47	30	77	201
11	Sasthamkotta	7	92	1	0	0	93	24	17	41	134
12	Vettikkavala	6	196	1	0	0	197	43	0	43	240
Total :		74	2417	57	12	2	2488	311	104	415	2903

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOLLAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (No.)	CCA	PC	PU	In Use (No.)	CCA	PC	PU	In Use (No.)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anchal	274	85	120	111	70	556	792	711	344	641	912	822
2	Chadayamangalam	397	140	99	90	59	2808	2909	2745	456	2948	3008	2835
3	Chavara	151	32	43	41	7	6	5	5	158	38	48	46
4	Chittumala	271	59	80	73	13	30	37	28	284	89	117	101
5	Corporation /Municipality	182	52	67	66	13	42	57	57	195	94	124	123
6	Ithikkara	182	83	77	71	4	69	91	83	186	152	169	154
7	Kottarakkara	209	88	65	59	58	1079	903	826	267	1167	968	885
8	Mukhathala	187	39	33	32	5	3	3	3	192	42	36	35
9	Ochira	214	69	87	78	22	12	17	14	236	81	104	92
10	Pathnapuram	124	43	60	58	77	457	680	632	201	501	740	690
11	Sasthamkotta	93	39	24	24	40	334	274	271	133	373	298	295
12	Vettikkavala	197	55	65	65	43	769	668	649	240	824	733	714
Total :		2481	785	820	768	411	6165	6436	6024	2892	6950	7256	6792

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOLLAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anchal	0	0	0		0	0	0		0	0	0	0
2	Chadayamangalam	0	0	0		0	0	0		0	0	0	0
3	Chavara	0	0	0		0	0	0		0	0	0	0
4	Chittumala	5	3	4	3	1	6	1	1	6	9	6	5
5	Corporation /Municipality	0	0	0		0	0	0		0	0	0	0
6	Ithikkara	0	0	0		0	0	0		0	0	0	0
7	Kottarakkara	0	0	0		2	91	25	1	2	91	25	1
8	Mukhathala	0	0	0		0	0	0		0	0	0	0
9	Ochira	1	0	0	0	0	0	0		1	0	0	0
10	Pathnapuram	0	0	0		0	0	0		0	0	0	0
11	Sasthamkotta	0	0	0		1	6	6	6	1	6	6	6
12	Vettikkavala	0	0	0		0	0	0		0	0	0	0
Total :		6	3	4	3	4	103	32	8	10	106	37	12

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : KOLLAM

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anchal	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0
4	Chittumala	1	0	0	0	0	0	1	0	0
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0
8	Mukhathala	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0
Total :		1	0	0	0	0	0	1	0	0

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anchal	23	238	13	0	0	0	274	0	17	6	17	15	15	70
2	Chadayamangalam	126	268	0	3	0	0	397	1	3	7	44	4	0	59
3	Chavara	21	120	7	3	0	0	151	0	3	0	4	0	0	7
4	Chittumala	67	192	16	2	0	0	277	1	5	2	5	0	1	14
5	Corporation /Municipality	19	153	8	2	0	0	182	6	3	0	0	3	1	13
6	Ithikkara	7	141	25	8	1	0	182	3	0	0	1	0	0	4
7	Kottarakkara	5	169	35	0	0	0	209	1	9	5	19	6	20	60
8	Mukhathala	16	169	1	1	0	0	187	2	3	0	0	0	0	5
9	Ochira	43	166	4	2	0	0	215	7	14	0	1	0	0	22
10	Pathnapuram	0	71	53	0	0	0	124	38	2	2	13	13	9	77
11	Sasthamkotta	5	1	87	0	0	0	93	3	4	7	23	0	4	41
12	Vettikkavala	4	182	10	0	0	1	197	11	14	7	9	0	2	43
Total :		336	1870	259	21	1	1	2488	73	77	36	136	41	52	415

Table. V (Continued...)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs. 10000	Rs.10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Anchal	23	255	19	17	15	15	344
2	Chadayamangalam	127	271	7	47	4	0	456
3	Chavara	21	123	7	7	0	0	158
4	Chittumala	68	197	18	7	0	1	291
5	Corporation /Municipality	25	156	8	2	3	1	195
6	Ithikkara	10	141	25	9	1	0	186
7	Kottarakkara	6	178	40	19	6	20	269
8	Mukhathala	18	172	1	1	0	0	192
9	Ochira	50	180	4	3	0	0	237
10	Pathnapuram	38	73	55	13	13	9	201
11	Sasthamkotta	8	5	94	23	0	4	134
12	Vettikkavala	15	196	17	9	0	3	240
Total :		409	1947	295	157	42	53	2903

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : KOLLAM

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anchal	29	28	31	24	111	127	120	388	76	711	155	149	418	100	822
2	Chadayamangalam	18	15	43	15	90	633	557	1230	325	2745	651	573	1272	340	2836
3	Chavara	6	8	19	8	41	1	1	2	1	5	7	9	21	9	46
4	Chittumala	19	19	23	16	76	10	7	8	3	29	29	27	31	19	105
5	Corporation /Municipality	12	12	32	11	66	10	10	27	9	57	22	22	59	20	122
6	Ithikkara	16	17	17	20	71	22	21	27	12	83	38	39	44	33	154
7	Kottarakkara	19	12	19	9	59	231	149	326	121	827	249	161	345	130	886
8	Mukhathala	13	5	11	4	32	1	0	1	1	3	15	5	12	4	35
9	Ochira	13	18	31	17	78	2	3	6	3	14	15	20	37	21	93
10	Pathnapuram	12	12	25	10	58	133	124	296	80	632	144	135	321	90	690
11	Sasthamkotta	17	4	2	1	24	154	70	37	16	277	171	74	39	17	301
12	Vettikkavala	18	15	20	12	65	217	164	190	79	649	235	179	209	90	714
Total :		191	165	271	146	772	1540	1228	2537	726	6032	1731	1392	2808	872	6804

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : KOLLAM

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Corporation /Municipality	1	1	10	0	13	0	0	0	0	0	1	1	10	0	13
6	Ithikkara	7	12	9	8	36	18	17	27	10	73	25	29	37	18	109
7	Kottarakkara	7	3	5	3	19	60	52	114	49	276	67	55	119	53	295
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	3	3	7	2	15	0	0	0	0	1	3	3	7	2	15
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		18	19	32	14	83	78	70	142	60	349	96	89	173	74	431

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KOLLAM

(In Nos.)

Sl .No	Block	Ground Water Schemes												
		With One lifting Device						With two lifting Device					Total (8 +13)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Anchal	3	270	1	0	0	274	0	0	0	0	0	0	274
2	Chadayamangalam	171	146	0	0	24	341	1	0	0	55	56	397	
3	Chavara	1	150	0	0	0	151	0	0	0	0	0	151	
4	Chittumala	23	252	0	0	0	275	0	0	0	1	1	276	
5	Corporation /Municipality	35	147	0	0	0	182	0	0	0	0	0	182	
6	Ithikkara	43	131	1	1	1	177	3	0	0	2	5	182	
7	Kottarakkara	10	74	0	0	51	135	0	0	0	74	74	209	
8	Mukhathala	24	157	1	0	3	185	2	0	0	0	2	187	
9	Ochira	12	163	0	0	0	175	0	0	0	40	40	215	
10	Pathnapuram	0	124	0	0	0	124	0	0	0	0	0	124	
11	Sasthamkotta	0	46	0	0	0	46	0	0	0	47	47	93	
12	Vettikkavala	2	163	0	0	1	166	0	0	0	31	31	197	
Total :		324	1823	3	1	80	2231	6	0	0	250	256	2487	

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KOLLAM

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device					With two lifting Device							
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (20 + 25)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Anchal	0	3	0	0	0	3	0	0	0	0	0	0	3
2	Chadayamangalam	0	1	0	0	1	2	0	0	0	0	0	0	2
3	Chavara	1	5	0	0	0	6	0	0	0	0	0	0	6
4	Chittumala	0	8	0	0	0	8	0	0	0	0	0	0	8
5	Corporation /Municipality	6	0	0	0	0	6	0	0	0	0	0	0	6
6	Ithikkara	0	4	0	0	0	4	0	0	0	0	0	0	4
7	Kottarakkara	0	1	0	0	0	1	0	0	0	0	0	0	1
8	Mukhathala	0	5	0	0	0	5	0	0	0	0	0	0	5
9	Ochira	0	13	0	0	0	13	0	0	0	9	9	9	22
10	Pathnapuram	7	1	0	22	0	30	0	0	0	0	0	0	30
11	Sasthamkotta	0	15	0	0	2	17	0	0	0	0	0	0	17
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		14	56	0	22	3	95	0	0	0	9	9	104	

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOLLAM

(In Nos.)

Sl.No.	Block	Ground Water Schemes															Total (9 + 17)	
		With one source of energy							With Two source of energy							Total (10 to 16)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Anchal	274	0	0	0	0	0	274	0	0	0	0	0	0	0	0	0	274
2	Chadayamangalam	363	1	0	0	0	0	364	0	0	0	0	0	0	0	33	33	397
3	Chavara	145	0	0	0	0	0	145	0	0	0	0	0	0	0	6	6	151
4	Chittumala	253	0	0	0	0	0	253	0	0	0	0	0	0	0	23	23	276
5	Corporation /Municipality	182	0	0	0	0	0	182	0	0	0	0	0	0	0	0	0	182
6	Ithikkara	178	0	0	0	1	0	179	0	0	0	0	0	0	0	3	3	182
7	Kottarakkara	126	0	0	0	0	4	130	0	0	0	0	0	0	0	79	79	209
8	Mukhathala	187	0	0	0	0	0	187	0	0	0	0	0	0	0	0	0	187
9	Ochira	168	0	0	0	0	0	168	9	0	0	0	0	0	0	38	47	215
10	Pathnapuram	123	0	0	0	0	0	123	0	0	0	0	0	0	0	1	1	124
11	Sasthamkotta	46	0	0	0	0	0	46	0	0	0	0	0	0	0	47	47	93
12	Vettikkavala	152	0	0	0	0	0	152	0	0	0	0	0	0	0	45	45	197
Total :		2197	1	0	0	1	4	2203	9	0	0	0	0	0	0	275	284	2487

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOLLAM

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+17)	
		With one source of energy							With two Source of Energy							Toatl (10 to 16)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Anchal	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	3
2	Chadayamangalam	2	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
3	Chavara	5	0	0	0	0	0	5	0	0	0	0	0	0	0	1	1	6
4	Chittumala	5	1	0	0	0	0	6	1	0	0	0	0	0	0	1	2	8
5	Corporation /Municipality	6	0	0	0	0	0	6	0	0	0	0	0	0	0	0	0	6
6	Ithikkara	4	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	4
7	Kottarakkara	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
8	Mukhathala	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	5
9	Ochira	12	0	0	0	0	0	12	0	0	0	0	0	0	10	10	22	
10	Pathnapuram	8	0	0	0	22	0	30	0	0	0	0	0	0	0	0	0	30
11	Sasthamkotta	15	0	0	0	0	2	17	0	0	0	0	0	0	0	0	0	17
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		66	1	0	0	22	2	91	1	0	0	0	0	0	12	13	104	

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOLLAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	3	2	3	2	2	1	2	1	0	0	0	0
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	3	2	3	2	2	1	2	1	1	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOLLAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	0	0	0	0	5	3	4	3
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	1	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	6	3	4	3

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOLLAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOLLAM

Area in ha

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	1	6	1	1	0	0	0	0	1	6	1	1
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	2	91	25	1	2	91	25	1
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	1	6	6	6	1	6	6	6
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	1	6	1	1	3	97	31	7	4	103	32	8

Table XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOLLAM

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0

Table XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOLLAM

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anchal	0	.	0	.	0	.	0	0	0	.	0	.
2	Chadayamangalam	0	.	0	.	0	.	0	0	0	.	0	.
3	Chavara	0	.	0	.	0	.	0	0	0	.	0	.
4	Chittumala	0	.	0	.	0	.	0	0	0	.	0	.
5	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
6	Ithikkara	0	.	0	.	0	.	0	0	0	.	0	.
7	Kottarakkara	0	.	0	.	0	.	0	0	0	.	0	.
8	Mukhathala	0	.	0	.	0	.	0	0	0	.	0	.
9	Ochira	0	.	0	.	0	.	0	0	0	.	0	.
10	Pathnapuram	0	.	0	.	0	.	0	0	0	.	0	.
11	Sasthamkotta	0	.	0	.	0	.	0	0	0	.	0	.
12	Vettikkavala	0	.	0	.	0	.	0	0	0	.	0	.
Total		0	.	0	.	0	.	0	0	0	.	0	.

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOLLAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	1	0	1	0	1	0	0	0	2	0	5	1
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	4	0	4	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	1	0	1	0	1	0	0	0	6	0	9	1

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOLLAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anchal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chittumala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Ithikkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
8	Mukhathala	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
9	Ochira	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pathnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Sasthamkotta	0	0	0	0	0	0	0	0	0	0	0	0	2	1	2	1
12	Vettikkavala	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0
Total :		0	0	1	0	0	0	0	0	0	0	0	0	7	1	8	1

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anchal	0	1	5	0	6	0	268	268	274
2	Chadayamangalam	2	0	3	5	10	0	387	387	397
3	Chavara	3	0	0	3	6	0	145	145	151
4	Chittumala	1	2	0	5	8	1	268	269	277
5	Corporation /Municipality	0	0	1	1	2	1	179	180	182
6	Ithikkara	0	1	1	0	2	1	179	180	182
7	Kottarakkara	1	0	0	0	1	0	208	208	209
8	Mukhathala	6	0	0	0	6	0	181	181	187
9	Ochira	2	0	0	2	4	9	202	211	215
10	Pathnapuram	1	0	0	0	1	0	123	123	124
11	Sasthamkotta	0	0	0	0	0	0	93	93	93
12	Vettikkavala	2	0	0	1	3	0	194	194	197
Total :		18	4	10	17	49	12	2427	2439	2488

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anchal	57	1	1	10	69	0	1	1	70
2	Chadayamangalam	2	1	53	1	57	2	0	2	59
3	Chavara	0	0	0	0	0	0	7	7	7
4	Chittumala	1	0	4	1	6	0	8	8	14
5	Corporation /Municipality	2	0	0	3	5	0	8	8	13
6	Ithikkara	3	0	0	0	3	0	1	1	4
7	Kottarakkara	41	9	2	2	54	6	0	6	60
8	Mukhathala	0	0	0	0	0	0	5	5	5
9	Ochira	0	0	0	1	1	0	21	21	22
10	Pathnapuram	37	0	2	23	62	0	15	15	77
11	Sasthamkotta	15	0	22	2	39	0	2	2	41
12	Vettikkavala	30	0	7	4	41	1	1	2	43
Total :		188	11	91	47	337	9	69	78	415

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : KOLLAM

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anchal	249	14	5	0	0	268	0	0	1	0	0	1
2	Chadayamangalam	380	5	1	0	1	387	0	0	0	0	0	0
3	Chavara	139	3	1	1	1	145	6	0	1	0	0	7
4	Chittumala	259	4	4	0	1	268	3	3	2	0	0	8
5	Corporation /Municipality	175	4	0	0	0	179	6	2	0	0	0	8
6	Ithikkara	168	10	1	0	0	179	1	0	0	0	0	1
7	Kottarakkara	204	1	0	0	3	208	0	0	0	0	0	0
8	Mukhathala	178	1	0	2	0	181	3	1	0	1	0	5
9	Ochira	198	3	1	0	0	202	18	2	0	1	0	21
10	Pathnapuram	117	4	2	0	0	123	15	0	0	0	0	15
11	Sasthamkotta	84	8	0	0	1	93	2	0	0	0	0	2
12	Vettikkavala	189	3	2	0	0	194	1	0	0	0	0	1
Total :		2340	60	17	3	7	2427	55	8	4	2	0	69

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : KOLLAM

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anchal	3	0	137	128	268	6	274	0	0	0	1	1	69	70
2	Chadayamangalam	5	13	200	169	387	10	397	0	0	0	0	0	59	59
3	Chavara	1	0	59	85	145	6	151	0	0	6	1	7	0	7
4	Chittumala	25	3	105	135	268	9	277	0	0	3	5	8	6	14
5	Corporation /Municipality	2	1	74	102	179	3	182	0	0	4	4	8	5	13
6	Ithikkara	6	1	68	104	179	3	182	0	0	1	0	1	3	4
7	Kottarakkara	14	1	48	145	208	1	209	0	0	0	0	0	60	60
8	Mukhathala	19	1	63	98	181	6	187	0	0	2	3	5	0	5
9	Ochira	3	3	127	69	202	13	215	0	0	14	7	21	1	22
10	Pathnapuram	1	0	42	80	123	1	124	0	0	6	9	15	62	77
11	Sasthamkotta	3	0	25	65	93	0	93	0	0	1	1	2	39	41
12	Vettikkavala	1	0	30	163	194	3	197	0	0	0	1	1	42	43
Total :		83	23	978	1343	2427	61	2488	0	0	37	32	69	346	415

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOLLAM

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anchal	1	3	100	0	0	104	11	148	0	0	0	0	5	164	268
2	Chadayamangalam	3	4	16	0	0	23	2	285	0	2	0	0	75	364	387
3	Chavara	3	2	31	0	0	36	22	60	0	0	0	1	26	109	145
4	Chittumala	0	5	129	0	0	134	36	84	1	0	0	0	13	134	268
5	Corporation /Municipality	6	4	106	0	0	116	18	39	0	6	0	0	0	63	179
6	Ithikkara	9	7	62	0	1	79	20	49	0	31	0	0	0	100	179
7	Kottarakkara	12	14	75	0	5	106	30	69	0	0	1	0	2	102	208
8	Mukhathala	27	4	48	0	1	80	36	58	0	6	0	0	1	101	181
9	Ochira	10	3	142	0	1	156	6	29	2	2	0	0	7	46	202
10	Pathnapuram	0	2	36	0	1	39	41	43	0	0	0	0	0	84	123
11	Sasthamkotta	22	1	1	0	0	24	39	6	0	24	0	0	0	69	93
12	Vettikkavala	4	1	54	0	0	59	29	84	0	0	0	0	22	135	194
Total :		97	50	800	0	9	956	290	954	3	71	1	1	151	1471	2427

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)	
		With one source of Finance						With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Anchal	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
2	Chadayamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavara	0	0	0	0	0	0	0	0	0	0	0	0	7	7	7	
4	Chittumala	0	2	5	0	0	7	0	1	1	0	0	0	-1	1	8	
5	Corporation /Municipality	1	0	4	0	0	5	0	3	0	0	0	0	0	3	8	
6	Ithikkara	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	
7	Kottarakkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	Mukhathala	0	1	0	0	1	2	1	1	0	0	1	0	0	3	5	
9	Ochira	0	0	11	0	0	11	0	2	2	0	0	0	6	10	21	
10	Pathnapuram	13	0	1	0	0	14	1	0	0	0	0	0	0	1	15	
11	Sasthamkotta	1	0	0	0	0	1	0	0	0	1	0	0	0	1	2	
12	Vettikkavala	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	
Total :		15	3	22	0	1	41	3	7	3	1	1	0	13	28	69	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Ground Water Schemes															
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total			
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Anchal	0	272	272	0	2	2	0	0	0	0	0	0	0	0	274	274
2	Chadayamangalam	0	397	397	0	0	0	0	0	0	0	0	0	0	0	397	397
3	Chavara	0	136	136	0	14	14	0	0	0	0	1	1	0	0	151	151
4	Chittumala	0	272	272	0	2	2	0	3	3	0	0	0	0	0	277	277
5	Corporation /Municipality	0	178	178	0	2	2	0	2	2	0	0	0	0	0	182	182
6	Ithikkara	0	174	174	0	0	0	0	7	7	0	1	1	0	0	182	182
7	Kottarakkara	0	207	207	0	2	2	0	0	0	0	0	0	0	0	209	209
8	Mukhathala	0	187	187	0	0	0	0	0	0	0	0	0	0	0	187	187
9	Ochira	0	182	182	0	33	33	0	0	0	0	0	0	0	0	215	215
10	Pathnapuram	0	124	124	0	0	0	0	0	0	0	0	0	0	0	124	124
11	Sasthamkotta	0	92	92	0	1	1	0	0	0	0	0	0	0	0	93	93
12	Vettikkavala	0	196	196	0	1	1	0	0	0	0	0	0	0	0	197	197
Total :		0	2417	2417	0	57	57	0	12	12	0	2	2	0	2488	2488	

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOLLAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anchal	0	67	67	0	3	3	0	70	70
2	Chadayamangalam	0	57	57	0	2	2	0	59	59
3	Chavara	0	1	1	0	6	6	0	7	7
4	Chittumala	0	6	6	0	8	8	0	14	14
5	Corporation /Municipality	0	7	7	0	6	6	0	13	13
6	Ithikkara	0	0	0	0	4	4	0	4	4
7	Kottarakkara	0	59	59	0	1	1	0	60	60
8	Mukhathala	0	0	0	0	5	5	0	5	5
9	Ochira	0	0	0	0	22	22	0	22	22
10	Pathnapuram	0	47	47	0	30	30	0	77	77
11	Sasthamkotta	0	24	24	0	17	17	0	41	41
12	Vettikkavala	0	43	43	0	0	0	0	43	43
Total :		0	311	311	0	104	104	0	415	415

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOLLAM

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Surface Pipe		Surface Pipe		Sprinkler		Others		Total		Total	
		Lined/Pucca		Unlined/kutchha		Surface Pipe		Surface Pipe		Sprinkler		Others		Total		Total	
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anchal	0		4	2	104	70	163	35	3	4	0		0		274	111
2	Chadayamangalam	21	5	15	4	331	78	28	3	2	1	0		0		397	90
3	Chavara	0		2	0	45	19	99	18	0		4	4	1	0	151	41
4	Chittumala	6	1	6	3	73	26	124	29	2	2	1	0	59	11	271	73
5	Corporation /Municipality	3	1	76	14	6	5	96	42	0		1	3	0		182	66
6	Ithikkara	40	12	3	3	17	7	121	47	0		0		1	1	182	71
7	Kottarakkara	1	0	0		24	12	183	46	0		0		1	1	209	59
8	Mukhathala	2	0	0		1	0	184	32	0		0		0		187	32
9	Ochira	0		60	16	52	19	97	43	0		0		5	1	214	78
10	Pathnapuram	0		5	2	18	6	101	51	0		0		0		124	58
11	Sasthamkotta	1	0	0		0		92	24	0		0		0		93	24
12	Vettikkavala	7	4	2	0	125	41	63	19	0		0		0		197	65
Total :		81	24	173	45	796	283	1351	390	7	6	6	7	67	13	2481	769

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOLLAM

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anchal	4	57	63	621	3	33	0		0	0	0	0	0	0	70	711
2	Chadayamangalam	40	2095	11	438	0	0	5	37	0	0	0	0	3	175	59	2745
3	Chavara	0	0	0	0	3	2	2	0	0	0	2	3	0	0	7	5
4	Chittumala	1	1	6	19	0	0	2	2	1	1	2	4	1	0	13	28
5	Corporation /Municipality	2	18	2	30	0	0	3	3	0	0	0	0	6	5	13	57
6	Ithikkara	2	73	1	10	0	0	1	0	0	0	0	0	0	0	4	83
7	Kottarakkara	9	175	32	461	0	0	8	18	0	0	0	0	9	172	58	826
8	Mukhathala	0	0	0	0	0	0	5	3	0	0	0	0	0	0	5	3
9	Ochira	0	0	0	0	9	4	12	9	0	0	0	0	1	1	22	14
10	Pathnapuram	6	94	36	469	1	0	5	51	0	0	0	0	29	18	77	632
11	Sasthamkotta	13	110	10	119	0	0	17	42	0	0	0	0	0	0	40	271
12	Vettikkavala	13	253	19	286	0	0	7	36	0	0	0	0	4	74	43	649
Total :		90	2875	180	2452	16	39	67	202	1	1	4	8	53	446	411	6023

PATHANAMTHITTA

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								Grand Total (8+11)
			Ground Water					Surface Water			
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (9+10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Corporation /Municipality	3	80	7	5	7	99	17	5	22	121
2	Elanthur	7	217	0	7	10	234	85	6	91	325
3	Koipuram	6	19	3	0	0	22	88	42	130	152
4	Konni	7	352	0	0	0	352	37	29	66	418
5	Mallappally	7	358	0	0	0	358	13	11	24	382
6	Pandalam	6	205	0	0	0	205	105	39	144	349
7	Parakkode	7	356	0	0	0	356	116	0	116	472
8	Pulikeezhu	5	308	1	0	0	309	0	45	45	354
9	Ranni	9	334	2	4	15	355	13	5	18	373
Total :		57	2229	13	16	32	2290	474	182	656	2946

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : PATHANAMTHITTA

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	99	114	31	27	21	116	137	102	120	229	168	129
2	Elanthur	234	42	50	46	91	397	401	310	325	439	451	356
3	Koipuram	22	13	15	14	130	402	441	364	152	415	456	378
4	Konni	352	173	140	124	65	413	650	583	417	586	790	707
5	Mallappally	358	113	116	105	24	269	240	185	382	383	356	290
6	Pandalam	205	88	129	126	144	1458	2166	2096	349	1547	2296	2222
7	Parakkode	356	57	58	56	116	872	690	674	472	929	748	730
8	Pulikeezhu	309	137	130	129	45	47	56	56	354	183	186	185
9	Ranni	355	158	165	140	18	133	152	121	373	290	317	261
Total :		2290	894	835	767	654	4107	4932	4491	2944	5001	5767	5258

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : PATHANAMTHITTA

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0		1	2	2	2	1	2	2	2
2	Elanthur	0	0	0		0	0	0		0	0	0	0
3	Koipuram	0	0	0		0	0	0		0	0	0	0
4	Konni	0	0	0		1	15	14	0	1	15	14	0
5	Mallappally	0	0	0		0	0	0		0	0	0	0
6	Pandalam	0	0	0		0	0	0		0	0	0	0
7	Parakkode	0	0	0		0	0	0		0	0	0	0
8	Pulikeezhu	0	0	0		0	0	0		0	0	0	0
9	Ranni	0	0	0		0	0	0		0	0	0	0
Total :		0	0	0		2	17	16	2	2	17	16	2

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : PATHANAMTHITTA

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	0	0	0	0	.	.
2	Elanthur	0	0	0	0	0	0	0	.	.
3	Koipuram	0	0	0	0	0	0	0	.	.
4	Konni	0	0	0	0	0	0	0	.	.
5	Mallappally	0	0	0	0	0	0	0	.	.
6	Pandalam	0	0	0	0	0	0	0	.	.
7	Parakkode	0	0	0	0	0	0	0	.	.
8	Pulikeezhu	0	0	0	0	0	0	0	.	.
9	Ranni	0	0	0	0	0	0	0	.	.
Total :		0	0	0	0	0	0	0	.	.

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	11	88	0	0	0	0	99	0	7	7	7	1	0	22
2	Elanthur	46	172	12	4	0	0	234	61	9	4	12	2	3	91
3	Koipuram	1	21	0	0	0	0	22	126	1	0	3	0	0	130
4	Konni	43	294	2	13	0	0	352	43	2	5	11	5	0	66
5	Mallappally	40	316	1	1	0	0	358	1	13	1	6	1	2	24
6	Pandalam	5	177	21	2	0	0	205	49	27	4	14	26	24	144
7	Parakkode	14	337	1	4	0	0	356	36	8	6	60	5	1	116
8	Pulikeezhu	122	187	0	0	0	0	309	27	15	1	2	0	0	45
9	Ranni	27	187	18	122	0	1	355	3	7	5	2	1	0	18
Total :		309	1779	55	146	0	1	2290	346	89	33	117	41	30	656

Table. V (Continued.....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Corporation /Municipality	11	95	7	7	1	0	121
2	Elanthur	107	181	16	16	2	3	325
3	Koipuram	127	22	0	3	0	0	152
4	Konni	86	296	7	24	5	0	418
5	Mallappally	41	329	2	7	1	2	382
6	Pandalam	54	204	25	16	26	24	349
7	Parakkode	50	345	7	64	5	1	472
8	Pulikeezhu	149	202	1	2	0	0	354
9	Ranni	30	194	23	124	1	1	373
Total :		655	1868	88	263	41	31	2946

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : PATHANAMTHITTA

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	3	11	6	6	27	10	51	26	15	103	14	62	33	22	130
2	Elanthur	10	10	19	8	46	65	84	88	74	310	75	93	106	82	356
3	Koipuram	1	2	8	3	14	66	113	117	68	364	67	115	125	70	378
4	Konni	31	25	50	18	124	177	175	145	86	583	208	200	195	104	707
5	Mallappally	19	35	35	16	105	6	84	72	23	185	25	119	108	39	290
6	Pandalam	51	53	18	4	126	846	990	173	87	2096	897	1043	190	92	2222
7	Parakkode	14	16	18	8	56	163	106	285	121	674	176	122	303	129	730
8	Pulikeezhu	7	48	65	9	129	18	31	7	0	56	25	79	72	9	185
9	Ranni	32	29	67	13	140	36	44	30	10	121	68	73	97	23	261
Total :		168	229	286	85	768	1387	1678	943	484	4493	1555	1907	1229	570	5261

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : PATHANAMTHITTA

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	2	3	3	7	7	11	20	9	46	7	12	22	12	53
2	Elanthur	1	1	2	1	5	0	0	0	50	50	1	1	2	51	55
3	Koipuram	1	0	1	1	2	57	83	68	60	269	58	84	69	60	271
4	Konni	0	0	0	0	0	107	117	71	47	342	107	117	71	47	342
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	3	9	3	15	4	40	39	49	132	4	43	48	52	146
7	Parakkode	6	9	10	4	28	128	73	252	112	565	134	81	263	116	594
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	1	0	1	12	13	12	5	41	12	13	13	5	43
Total :		7	14	26	12	59	315	337	462	331	1446	322	351	488	343	1505

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl .No	Block	Ground Water Schemes											Total (8 +13)
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	14	55	0	0	1	70	0	0	0	29	29	99
2	Elanthur	32	145	0	1	3	181	1	0	0	52	53	234
3	Koipuram	0	22	0	0	0	22	0	0	0	0	0	22
4	Konni	8	218	0	0	82	308	0	0	0	44	44	352
5	Mallappally	2	239	0	0	2	243	0	0	0	115	115	358
6	Pandalam	11	102	0	0	2	115	0	0	0	90	90	205
7	Parakkode	26	330	0	0	0	356	0	0	0	0	0	356
8	Pulikeezhu	10	296	0	0	0	306	3	0	0	0	3	309
9	Ranni	81	205	0	22	5	313	3	0	0	39	42	355
Total :		184	1612	0	23	95	1914	7	0	0	369	376	2290

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device						With two lifting Device						
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8 + 13)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Corporation /Municipality	0	1	0	4	0	5	0	0	0	0	0	0	5
2	Elanthur	2	3	0	0	1	6	0	0	0	0	0	0	6
3	Koipuram	2	25	0	0	15	42	0	0	0	0	0	0	42
4	Konni	0	4	0	0	24	28	1	0	0	0	0	1	29
5	Mallappally	0	11	0	0	0	11	0	0	0	0	0	0	11
6	Pandalam	3	14	0	0	22	39	0	0	0	0	0	0	39
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	45	0	0	0	45	0	0	0	0	0	0	45
9	Ranni	2	0	0	3	0	5	0	0	0	0	0	0	5
Total :		9	103	0	7	62	181	1	0	0	0	0	1	182

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy								Total (9 + 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	65	3	0	0	0	1	69	7	0	0	0	0	0	0	23	30	99
2	Elanthur	163	8	0	1	1	3	176	2	0	1	0	0	0	0	55	58	234
3	Koipuram	22	0	0	0	0	0	22	0	0	0	0	0	0	0	0	0	22
4	Konni	237	0	0	0	56	2	295	0	0	1	0	0	0	0	56	57	352
5	Mallappally	252	9	0	0	1	0	262	3	0	0	0	0	0	0	93	96	358
6	Pandalam	113	0	0	0	0	0	113	1	0	0	0	0	0	0	91	92	205
7	Parakkode	355	0	0	0	0	0	355	1	0	0	0	0	0	0	0	1	356
8	Pulikeezhu	301	5	0	0	0	0	306	3	0	0	0	0	0	0	0	3	309
9	Ranni	242	0	0	0	31	0	273	42	0	2	0	1	0	37	82	355	
Total :		1750	25	0	1	89	6	1871	59	0	4	0	1	0	355	419	2290	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)																
		With one source of energy							With two Source of Energy							Total (9+ 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		Toatl (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	1	0	0	0	4	0	5	0	0	0	0	0	0	0	0	0	5
2	Elanthur	5	0	0	0	1	0	6	0	0	0	0	0	0	0	0	0	6
3	Koipuram	29	0	0	0	4	9	42	0	0	0	0	0	0	0	0	0	42
4	Konni	19	0	0	0	9	1	29	0	0	0	0	0	0	0	0	0	29
5	Mallappally	10	1	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
6	Pandalam	18	0	0	0	17	4	39	0	0	0	0	0	0	0	0	0	39
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	42	3	0	0	0	0	45	0	0	0	0	0	0	0	0	0	45
9	Ranni	2	0	0	0	3	0	5	0	0	0	0	0	0	0	0	0	5
Total :		126	4	0	0	38	14	182	0	0	0	0	0	0	0	0	0	182

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Elanthur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Elanthur	0	0	0	0	0	0	0	0	0	0	0	0
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Elanthur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Konni	0	0	0	0	1	15	14	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	1	15	14	0	0	0	0	0	0	0	0	0

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Corporation /Municipality	1	2	2	2	0	0	0	0	0	0	0	0	1	2	2	2
2	Elanthur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	1	15	14	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	2	2	2	0	0	0	0	0	0	0	0	2	17	16	2

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : PATHANAMTHITTA

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Elanthur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : PATHANAMTHITTA

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
2	Elanthur	0	.	0	.	0	.	0	0	0	.	0	.
3	Koipuram	0	.	0	.	0	.	0	0	0	.	0	.
4	Konni	0	.	0	.	0	.	0	0	0	.	0	.
5	Mallappally	0	.	0	.	0	.	0	0	0	.	0	.
6	Pandalam	0	.	0	.	0	.	0	0	0	.	0	.
7	Parakkode	0	.	0	.	0	.	0	0	0	.	0	.
8	Pulikeezhu	0	.	0	.	0	.	0	0	0	.	0	.
9	Ranni	0	.	0	.	0	.	0	0	0	.	0	.
Total		0	.	0	.	0	.	0	0	0	.	0	.

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes														
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total		
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
1	Corporation /Municipality	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
2	Elanthur	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
3	Koipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	4	0	14	0	0	0	0	0	0	0	0	18	0
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	6	0	15	0	0	0	0	0	0	0	21	0	

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : PATHANAMTHITTA

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0
2	Elanthur	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0
3	Koipuram	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Pandalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Ranni	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Total :		0	0	5	0	2	0	0	0	0	0	0	0	0	0	7	1

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	1	1	0	98	98	99
2	Elanthur	0	0	0	2	2	0	232	232	234
3	Koipuram	0	0	0	0	0	0	22	22	22
4	Konni	0	0	1	3	4	0	348	348	352
5	Mallappally	2	5	0	14	21	0	337	337	358
6	Pandalam	4	0	0	15	19	2	184	186	205
7	Parakkode	0	0	2	1	3	0	353	353	356
8	Pulikeezhu	0	0	2	7	9	0	300	300	309
9	Ranni	1	1	2	1	5	4	346	350	355
Total :		7	6	7	44	64	6	2220	2226	2290

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	10	2	9	0	21	1	0	1	22
2	Elanthur	9	0	28	3	40	1	50	51	91
3	Koipuram	6	0	2	0	8	3	119	122	130
4	Konni	22	0	39	0	61	5	0	5	66
5	Mallappally	8	0	8	0	16	4	4	8	24
6	Pandalam	17	0	54	0	71	2	71	73	144
7	Parakkode	1	10	88	4	103	13	0	13	116
8	Pulikeezhu	0	1	0	0	1	3	41	44	45
9	Ranni	5	0	13	0	18	0	0	0	18
Total :		78	13	241	7	339	32	285	317	656

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (\geq 10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (\geq 10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	96	1	0	1	0	98	0	0	0	0	0	0
2	Elanthur	228	3	0	0	1	232	50	0	0	0	0	50
3	Koipuram	17	4	1	0	0	22	91	25	2	1	0	119
4	Konni	335	12	1	0	0	348	0	0	0	0	0	0
5	Mallappally	324	11	2	0	0	337	3	0	1	0	0	4
6	Pandalam	178	5	1	0	0	184	63	8	0	0	0	71
7	Parakkode	347	2	0	0	4	353	0	0	0	0	0	0
8	Pulikeezhu	269	24	7	0	0	300	37	3	0	0	1	41
9	Ranni	319	23	2	1	1	346	0	0	0	0	0	0
Total :		2113	85	14	2	6	2220	244	36	3	1	1	285

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	4	0	6	88	98	1	99	0	0	0	0	0	22	22
2	Elanthur	13	1	30	188	232	2	234	1	0	25	24	50	41	91
3	Koipuram	2	0	0	20	22	0	22	0	0	1	118	119	11	130
4	Konni	32	0	47	269	348	4	352	0	0	0	0	0	66	66
5	Mallappally	5	2	27	303	337	21	358	2	0	0	2	4	20	24
6	Pandalam	25	0	6	153	184	21	205	13	2	19	37	71	73	144
7	Parakkode	65	2	26	260	353	3	356	0	0	0	0	0	116	116
8	Pulikeezhu	6	3	27	264	300	9	309	0	0	5	36	41	4	45
9	Ranni	5	14	38	289	346	9	355	0	0	0	0	0	18	18
Total :		157	22	207	1834	2220	70	2290	16	2	50	217	285	371	656

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : PATHANAMTHITTA

Sl.No	Block	Ground Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	0	8	0	0	8	0	90	0	0	0	0	0	0	90	98
2	Elanthur	61	2	40	0	0	103	0	116	0	13	0	0	0	0	129	232
3	Koipuram	0	0	14	0	3	17	0	5	0	0	0	0	0	0	5	22
4	Konni	0	0	3	0	2	5	39	304	0	0	0	0	0	0	343	348
5	Mallappally	2	33	55	0	0	90	65	167	1	8	0	0	6	247	337	
6	Pandalam	0	0	5	0	2	7	15	46	0	116	0	0	0	0	177	184
7	Parakkode	23	10	53	0	0	86	7	220	0	40	0	0	0	267	353	
8	Pulikeezhu	5	7	254	0	0	266	7	27	0	0	0	0	0	34	300	
9	Ranni	0	8	25	0	0	33	73	233	0	7	0	0	0	313	346	
Total :		91	60	457	0	7	615	206	1208	1	184	0	0	6	1605	2220	

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Surface Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Elanthur	17	1	32	0	0	50	0	0	0	0	0	0	0	0	0	50
3	Koipuram	8	7	21	0	82	118	0	1	0	0	0	0	0	0	1	119
4	Konni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Mallappally	0	0	3	0	0	3	0	1	1	0	0	0	0	1	1	4
6	Pandalam	11	11	35	0	12	69	0	0	0	2	0	0	0	0	2	71
7	Parakkode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pulikeezhu	1	4	32	0	0	37	0	4	0	0	0	0	0	0	4	41
9	Ranni	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		37	23	123	0	94	277	0	6	1	2	0	0	1	8	285	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	80	80	0	7	7	0	5	5	0	7	7	0	99	99
2	Elanthur	0	217	217	0	0	0	0	7	7	0	10	10	0	234	234
3	Koipuram	0	19	19	0	3	3	0	0	0	0	0	0	0	22	22
4	Konni	0	352	352	0	0	0	0	0	0	0	0	0	0	352	352
5	Mallappally	0	358	358	0	0	0	0	0	0	0	0	0	0	358	358
6	Pandalam	0	205	205	0	0	0	0	0	0	0	0	0	0	205	205
7	Parakkode	0	356	356	0	0	0	0	0	0	0	0	0	0	356	356
8	Pulikeezhu	0	308	308	0	1	1	0	0	0	0	0	0	0	309	309
9	Ranni	0	334	334	0	2	2	0	4	4	0	15	15	0	355	355
Total :		0	2229	2229	0	13	13	0	16	16	0	32	32	0	2290	2290

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : PATHANAMTHITTA

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	17	17	0	5	5	0	22	22
2	Elanthur	0	85	85	0	6	6	0	91	91
3	Koipuram	0	88	88	0	42	42	0	130	130
4	Konni	0	37	37	0	29	29	0	66	66
5	Mallappally	0	13	13	0	11	11	0	24	24
6	Pandalam	0	105	105	0	39	39	0	144	144
7	Parakkode	0	116	116	0	0	0	0	116	116
8	Pulikeezhu	0	0	0	0	45	45	0	45	45
9	Ranni	0	13	13	0	5	5	0	18	18
Total :		0	474	474	0	182	182	0	656	656

**Table. XVIII (A)
NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION
DEVICE**

State : KERALA, District : PATHANAMTHITTA

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	3	1	1	0	14	2	71	20	1	0	1	0	8	3	99	27
2	Elanthur	0		88	18	32	11	94	15	0		0		20	2	234	46
3	Koipuram	0		0		0		22	14	0		0		0		22	14
4	Konni	4	1	2	0	13	4	267	102	2	1	0		64	15	352	124
5	Mallappally	40	13	82	24	19	5	159	52	0		0		58	11	358	105
6	Pandalam	7	5	153	95	0		44	25	0		0		1	0	205	126
7	Parakkode	1	0	353	56	1	0	1	0	0		0		0		356	56
8	Pulikeezhu	6	2	6	2	13	3	284	123	0		0		0		309	129
9	Ranni	62	17	90	32	38	22	131	53	3	1	0		31	15	355	140
Total :		123	39	775	228	130	47	1073	404	6	2	1	0	182	48	2290	768

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : PATHANAMTHITTA

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	1	35	16	60	0	0	0		0	0	0	0	4	7	21	102
2	Elanthur	8	25	74	250	4	2	0		0	0	0	0	5	34	91	310
3	Koipuram	8	209	71	125	4	3	22	14	0	0	0	0	25	14	130	364
4	Konni	6	140	22	215	1	8	1	6	0	0	0	0	35	213	65	583
5	Mallappally	5	121	18	62	0	0	1	2	0	0	0	0	0	0	24	185
6	Pandalam	8	259	91	1623	0	0	3	3	0	0	0	0	42	211	144	2096
7	Parakkode	2	3	114	672	0	0	0		0	0	0	0	0	0	116	674
8	Pulikeezhu	0	0	4	15	0	0	41	41	0	0	0	0	0	0	45	56
9	Ranni	0	0	11	87	0	0	0		0	0	0	0	7	34	18	121
Total :		38	792	421	3108	9	13	68	66	0		0		118	512	654	4491

ALAPPUZHA

Table. I
MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Ambalapuzha	5	5	120	1	0	126	45	10	55	181
2	Aryad	4	4	109	1	0	114	0	0	0	114
3	Bharanicavu	6	183	5	0	0	188	32	45	77	265
4	Chambakulam	6	3	11	1	0	15	204	58	262	277
5	Chengannur	8	242	1	0	0	243	51	72	123	366
6	Corporation /Municipality	5	127	25	0	0	152	18	24	42	194
7	Haripad	8	56	167	1	0	224	36	97	133	357
8	Kanjikuzhy	5	56	68	0	2	126	1	35	36	162
9	Mavelikara	5	178	9	0	0	187	11	40	51	238
10	Muthukulam	8	292	26	0	1	319	3	38	41	360
11	Pattanakkad	7	92	46	1	0	139	12	69	81	220
12	Thycattussery	5	32	141	0	0	173	10	18	28	201
13	Veliynadu	6	0	0	0	0	0	189	0	189	189
Total :		78	1270	728	5	3	2006	612	506	1118	3124

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : ALAPPUZHA

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Ambalapuzha	126	22	43	42	55	1475	2757	2650	181	1498	2800	2692
2	Aryad	114	27	50	50	0	0	0		114	27	50	50
3	Bharanicavu	188	78	125	117	77	472	493	485	265	549	618	602
4	Chambakulam	15	249	500	500	262	11109	17698	17698	277	11359	18198	18198
5	Chengannur	243	66	92	89	123	1390	2025	1956	366	1456	2116	2045
6	Corporation /Municipality	152	67	108	106	42	910	1012	1011	194	977	1119	1117
7	Haripad	224	87	102	100	133	1142	1855	1827	357	1229	1957	1927
8	Kanjikuzhy	126	49	92	85	36	12	21	18	162	61	113	103
9	Mavelikara	187	110	116	108	51	1383	1818	1494	238	1493	1934	1602
10	Muthukulam	319	189	160	155	41	438	71	70	360	626	230	225
11	Pattanakkad	139	83	125	117	81	522	542	541	220	605	667	658
12	Thycattussery	173	51	102	91	28	77	26	26	201	128	128	117
13	Veliynadu	0	0	0		189	9052	10558	10558	189	9052	10558	10558
Total :		2006	1080	1614	1560	1118	27982	38875	38334	3124	29061	40488	39894

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : ALAPPUZHA

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Ambalapuzha	0	0	0		0	0	0		0	.	.	.
2	Aryad	0	0	0		0	0	0		0	.	.	.
3	Bharanicavu	0	0	0		0	0	0		0	.	.	.
4	Chambakulam	0	0	0		0	0	0		0	.	.	.
5	Chengannur	0	0	0		0	0	0		0	.	.	.
6	Corporation /Municipality	0	0	0		0	0	0		0	.	.	.
7	Haripad	0	0	0		0	0	0		0	.	.	.
8	Kanjikuzhy	0	0	0		0	0	0		0	.	.	.
9	Mavelikara	0	0	0		0	0	0		0	.	.	.
10	Muthukulam	0	0	0		0	0	0		0	.	.	.
11	Pattanakkad	0	0	0		0	0	0		0	.	.	.
12	Thycattussery	0	0	0		0	0	0		0	.	.	.
13	Veliynadu	0	0	0		0	0	0		0	.	.	.
Total :		0	0	0		0	0	0		0	.	.	.

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : ALAPPUZHA

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Ambalapuzha	0	0	0	0	0	0	0	.	.
2	Aryad	0	0	0	0	0	0	0	.	.
3	Bharanicavu	0	0	0	0	0	0	0	.	.
4	Chambakulam	0	0	0	0	0	0	0	.	.
5	Chengannur	0	0	0	0	0	0	0	.	.
6	Corporation /Municipality	0	0	0	0	0	0	0	.	.
7	Haripad	0	0	0	0	0	0	0	.	.
8	Kanjikuzhy	0	0	0	0	0	0	0	.	.
9	Mavelikara	0	0	0	0	0	0	0	.	.
10	Muthukulam	0	0	0	0	0	0	0	.	.
11	Pattanakkad	0	0	0	0	0	0	0	.	.
12	Thycattussery	0	0	0	0	0	0	0	.	.
13	Veliynadu	0	0	0	0	0	0	0	.	.
Total :		0	0	0	0	0	0	0	.	.

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Ambalapuzha	77	48	1	0	0	0	126	26	21	2	6	0	0	55
2	Aryad	107	7	0	0	0	0	114	0	0	0	0	0	0	0
3	Bharanicavu	29	151	4	4	0	0	188	17	42	4	13	0	1	77
4	Chambakulam	10	3	2	0	0	0	15	112	50	30	50	11	9	262
5	Chengannur	24	216	3	0	0	0	243	43	55	15	10	0	0	123
6	Corporation /Municipality	11	139	2	0	0	0	152	10	26	3	3	0	0	42
7	Haripad	81	138	1	4	0	0	224	81	34	3	4	0	11	133
8	Kanjikuzhy	74	50	0	2	0	0	126	7	27	1	1	0	0	36
9	Mavelikara	37	130	19	1	0	0	187	24	13	10	2	2	0	51
10	Muthukulam	53	260	5	1	0	0	319	22	19	0	0	0	0	41
11	Pattanakkad	30	104	5	0	0	0	139	30	44	3	4	0	0	81
12	Thycattussery	55	117	1	0	0	0	173	6	21	1	0	0	0	28
13	Veliynadu	0	0	0	0	0	0	0	30	70	27	57	5	0	189
Total :		588	1363	43	12	0	0	2006	408	422	99	150	18	21	1118

Table. V (Continued....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Ambalapuzha	103	69	3	6	0	0	181
2	Aryad	107	7	0	0	0	0	114
3	Bharanicavu	46	193	8	17	0	1	265
4	Chambakulam	122	53	32	50	11	9	277
5	Chengannur	67	271	18	10	0	0	366
6	Corporation /Municipality	21	165	5	3	0	0	194
7	Haripad	162	172	4	8	0	11	357
8	Kanjikuzhy	81	77	1	3	0	0	162
9	Mavelikara	61	143	29	3	2	0	238
10	Muthukulam	75	279	5	1	0	0	360
11	Pattanakkad	60	148	8	4	0	0	220
12	Thycattussery	61	138	2	0	0	0	201
13	Veliynadu	30	70	27	57	5	0	189
Total :		996	1785	142	162	18	21	3124

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : ALAPPUZHA

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Ambalapuzha	14	14	6	9	42	1438	1194	17	1	2650	1452	1208	23	10	2693
2	Aryad	20	20	6	4	50					0	20	20	6	4	50
3	Bharanicavu	35	32	27	24	117	24	424	17	20	485	58	456	44	44	603
4	Chambakulam	249	249	0	1	500	7358	8841	162	1338	17698	7607	9090	162	1339	18198
5	Chengannur	24	23	30	12	89	726	1108	103	19	1956	750	1131	133	31	2045
6	Corporation /Municipality	28	27	36	15	106	103	903	4	2	1011	131	929	40	17	1117
7	Haripad	30	28	19	24	100	684	1119	16	8	1827	714	1147	35	32	1928
8	Kanjikuzhy	27	27	15	16	85	5	5	4	4	18	33	32	19	20	104
9	Mavelikara	34	30	25	19	108	547	762	89	96	1494	581	792	114	115	1601
10	Muthukulam	47	48	40	19	155	2	63	5	1	70	50	111	45	19	225
11	Pattanakkad	32	33	24	29	117	13	507	11	10	541	44	540	35	39	658
12	Thycattussery	25	28	16	22	91	7	7	5	7	26	32	35	21	28	117
13	Veliynadu					0	316	8940	40	1263	10558	316	8940	40	1263	10558
Total :		566	559	243	194	1561	11222	23871	475	2767	38335	11788	24429	718	2961	39896

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : ALAPPUZHA

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	18	16	9	14	58	16	113	8	14	152	34	130	18	28	209
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	14	14	21	5	54	496	838	99	15	1447	510	852	120	19	1501
6	Corporation /Municipality	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	26	22	13	15	76	544	702	65	93	1405	570	725	77	108	1480
10	Muthukulam	15	14	9	2	40	0	58	0	0	58	15	72	9	2	98
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		74	67	52	36	229	1056	1712	172	122	3061	1129	1779	224	158	3290

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl .No	Block	Ground Water Schemes												
		With One lifting Device						With two lifting Device					Total (8 +13)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Ambalapuzha	5	121	0	0	0	126	0	0	0	0	0	0	126
2	Aryad	0	114	0	0	0	114	0	0	0	0	0	0	114
3	Bharanicavu	36	116	0	0	0	152	2	0	0	34	36	36	188
4	Chambakulam	1	13	1	0	0	15	0	0	0	0	0	0	15
5	Chengannur	37	139	1	8	0	185	3	0	0	55	58	58	243
6	Corporation /Municipality	7	101	2	3	1	114	2	0	0	36	38	38	152
7	Haripad	17	167	0	0	0	184	2	0	0	38	40	40	224
8	Kanjikuzhy	16	106	0	0	0	122	2	0	0	2	4	4	126
9	Mavelikara	5	182	0	0	0	187	0	0	0	0	0	0	187
10	Muthukulam	6	312	0	0	0	318	1	0	0	0	1	1	319
11	Pattanakkad	6	111	0	0	1	118	14	0	0	7	21	21	139
12	Thycattusery	16	153	0	0	0	169	2	0	0	2	4	4	173
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		152	1635	4	11	2	1804	28	0	0	174	202	202	2006

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device						With two lifting Device					Total (20 +25)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)	
1	Ambalapuzha	0	10	0	0	0	10	0	0	0	0	0	0	10
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	3	36	0	0	0	39	0	0	0	6	6	6	45
4	Chambakulam	6	48	1	0	0	55	3	0	0	0	3	3	58
5	Chengannur	2	33	0	1	28	64	0	0	0	8	8	8	72
6	Corporation /Municipality	1	13	0	0	0	14	0	0	0	10	10	10	24
7	Haripad	18	59	0	0	9	86	1	0	0	10	11	11	97
8	Kanjikuzhy	18	15	0	0	0	33	1	0	0	1	2	2	35
9	Mavelikara	25	15	0	0	0	40	0	0	0	0	0	0	40
10	Muthukulam	11	27	0	0	0	38	0	0	0	0	0	0	38
11	Pattanakkad	16	44	0	0	0	60	6	0	0	3	9	9	69
12	Thycattusery	0	16	0	0	0	16	2	0	0	0	2	2	18
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		##	316	1	1	37	455	13	0	0	38	51	51	506

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy							Total (9 + 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Ambalapuzha	125	1	0	0	0	0	126	0	0	0	0	0	0	0	0	0	126
2	Aryad	114	0	0	0	0	0	114	0	0	0	0	0	0	0	0	0	114
3	Bharanicavu	143	1	0	0	2	2	148	0	0	0	0	0	0	40	40	188	
4	Chambakulam	15	0	0	0	0	0	15	0	0	0	0	0	0	0	0	15	
5	Chengannur	175	3	0	0	8	0	186	2	0	0	0	0	0	55	57	243	
6	Corporation /Municipality	110	0	0	0	5	0	115	0	0	0	0	0	0	37	37	152	
7	Haripad	184	0	0	0	0	0	184	0	0	0	0	0	0	40	40	224	
8	Kanjikuzhy	124	0	0	0	0	0	124	0	0	0	0	0	0	2	2	126	
9	Mavelikara	187	0	0	0	0	0	187	0	0	0	0	0	0	0	0	187	
10	Muthukulam	318	0	0	0	0	0	318	1	0	0	0	0	0	0	1	319	
11	Pattanakkad	126	4	0	0	1	0	131	2	0	1	0	0	0	5	8	139	
12	Thycattussery	164	0	0	0	0	0	164	8	0	0	0	0	0	1	9	173	
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total :		1785	9	0	0	16	2	1812	13	0	1	0	0	0	180	194	2006	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)	
		With one source of energy							With two Source of Energy							Total (10 to 16)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Ambalapuzha	10	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	10
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	30	7	0	0	0	2	39	0	0	0	0	0	0	6	6	6	45
4	Chambakulam	54	4	0	0	0	0	58	0	0	0	0	0	0	0	0	0	58
5	Chengannur	38	0	0	0	25	0	63	3	0	0	0	0	0	6	9	9	72
6	Corporation /Municipality	14	0	0	0	0	0	14	0	0	0	0	0	0	10	10	10	24
7	Haripad	83	0	0	0	3	1	87	0	0	0	0	0	0	10	10	10	97
8	Kanjikuzhy	34	0	0	0	0	0	34	0	0	0	0	0	0	1	1	1	35
9	Mavelikara	40	0	0	0	0	0	40	0	0	0	0	0	0	0	0	0	40
10	Muthukulam	38	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	38
11	Pattanakkad	65	1	0	0	1	0	67	0	0	0	0	0	0	2	2	2	69
12	Thycattussery	17	0	0	0	1	0	18	0	0	0	0	0	0	0	0	0	18
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		423	12	0	0	30	3	468	3	0	0	0	0	0	35	38	38	506

Table. X (A)

Table.X(A) NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattusery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattussery	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X(B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattusery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : ALAPPUZHA

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Chengannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
12	Thycattusery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : ALAPPUZHA

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Ambalapuzha	0	.	0	.	0	.	0	0	0	.	0	.
2	Aryad	0	.	0	.	0	.	0	0	0	.	0	.
3	Bharanicavu	0	.	0	.	0	.	0	0	0	.	0	.
4	Chambakulam	0	.	0	.	0	.	0	0	0	.	0	.
5	Chengannur	0	.	0	.	0	.	0	0	0	.	0	.
6	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
7	Haripad	0	.	0	.	0	.	0	0	0	.	0	.
8	Kanjikuzhy	0	.	0	.	0	.	0	0	0	.	0	.
9	Mavelikara	0	.	0	.	0	.	0	0	0	.	0	.
10	Muthukulam	0	.	0	.	0	.	0	0	0	.	0	.
11	Pattanakkad	0	.	0	.	0	.	0	0	0	.	0	.
12	Thycattussery	0	.	0	.	0	.	0	0	0	.	0	.
13	Veliynadu	0	.	0	.	0	.	0	0	0	.	0	.
Total :		0	.	0	.	0	.	0	0	0	.	0	.

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	2	0	2	0
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	0	0	0	0	0	0	0	0	0	0	20	0	20	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thycattussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	22	0	22	0

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : ALAPPUZHA

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes																
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total		
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Ambalapuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	0	0	0	0	0	0	0	0	0	0	0	6	1	6	1	1
4	Chambakulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chengannur	1	0	1	0	0	0	0	0	0	0	0	0	4	30	6	30	30
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Haripad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kanjikuzhy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mavelikara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Muthukulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Pattanakkad	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
12	Thycattusery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	0	1	0	0	0	0	0	0	0	0	0	10	31	13	31	31

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Ambalapuzha	0	0	0	0	0	1	125	126	126
2	Aryad	0	0	0	0	0	1	113	114	114
3	Bharanicavu	3	0	3	8	14	4	170	174	188
4	Chambakulam	0	0	0	0	0	3	12	15	15
5	Chengannur	2	1	1	1	5	7	231	238	243
6	Corporation /Municipality	2	1	0	2	5	0	147	147	152
7	Haripad	1	0	0	1	2	4	218	222	224
8	Kanjikuzhy	0	2	0	0	2	1	123	124	126
9	Mavelikara	0	0	0	1	1	8	178	186	187
10	Muthukulam	0	1	0	2	3	4	312	316	319
11	Pattanakkad	4	3	0	4	11	1	127	128	139
12	Thycattussery	0	0	0	1	1	9	163	172	173
13	Veliynadu	0	0	0	0	0	0	0	0	0
Total :		12	8	4	20	44	43	1919	1962	2006

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Ambalapuzha	1	0	1	0	2	38	15	53	55
2	Aryad	0	0	0	0	0	0	0	0	0
3	Bharanicavu	1	0	0	2	3	21	53	74	77
4	Chambakulam	7	0	1	49	57	172	33	205	262
5	Chengannur	1	0	0	1	2	44	77	121	123
6	Corporation /Municipality	3	0	0	0	3	16	23	39	42
7	Haripad	0	0	0	1	1	33	99	132	133
8	Kanjikuzhy	0	0	0	0	0	1	35	36	36
9	Mavelikara	4	1	0	1	6	23	22	45	51
10	Muthukulam	2	0	0	0	2	5	34	39	41
11	Pattanakkad	2	0	0	3	5	17	59	76	81
12	Thycattussery	0	0	0	0	0	1	27	28	28
13	Veliynadu	23	0	0	1	24	165	0	165	189
Total :		44	1	2	58	105	536	477	1013	1118

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Ambalapuzha	122	1	2	0	0	125	14	0	0	0	1	15
2	Aryad	111	2	0	0	0	113	0	0	0	0	0	0
3	Bharanicavu	156	13	1	0	0	170	40	11	2	0	0	53
4	Chambakulam	12	0	0	0	0	12	29	1	3	0	0	33
5	Chengannur	215	11	2	0	3	231	72	4	1	0	0	77
6	Corporation /Municipality	141	4	1	1	0	147	21	1	1	0	0	23
7	Haripad	214	0	2	2	0	218	89	7	0	1	2	99
8	Kanjikuzhy	113	9	0	0	1	123	33	1	0	0	1	35
9	Mavelikara	166	7	3	0	2	178	10	4	6	2	0	22
10	Muthukulam	296	12	3	0	1	312	33	1	0	0	0	34
11	Pattanakkad	111	9	5	2	0	127	56	3	0	0	0	59
12	Thycattussery	151	10	0	1	1	163	22	3	1	1	0	27
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1808	78	19	6	8	1919	419	36	14	4	4	477

Table . XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner							Social Status of Owner						
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmers	Total (7+8)	Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)	Owned by other than individual farmers	Total (14+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Ambalapuzha	3	0	66	56	125	1	126	0	0	14	1	15	40	55
2	Aryad	0	0	88	25	113	1	114	0	0	0	0	0	0	0
3	Bharanicavu	5	2	58	105	170	18	188	0	1	23	29	53	24	77
4	Chambakulam	0	0	0	12	12	3	15	0	0	0	33	33	229	262
5	Chengannur	7	2	39	183	231	12	243	4	3	17	53	77	46	123
6	Corporation /Municipality	5	3	48	91	147	5	152	1	0	7	15	23	19	42
7	Haripad	6	1	56	155	218	6	224	6	2	61	30	99	34	133
8	Kanjikuzhy	0	0	36	87	123	3	126	0	1	4	30	35	1	36
9	Mavelikara	10	1	18	149	178	9	187	1	0	3	18	22	29	51
10	Muthukulam	10	3	93	206	312	7	319	0	0	24	10	34	7	41
11	Pattanakad	2	0	15	110	127	12	139	0	0	20	39	59	22	81
12	Thycattuserry	3	0	60	100	163	10	173	0	0	9	18	27	1	28
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	189	189
Total :		51	12	577	1279	1919	87	2006	12	7	182	276	477	641	1118

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl.No	Block	Ground Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 +16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Ambalapuzha	0	1	100	0	0	101	1	23	0	0	0	0	0	24	125	
2	Aryad	11	0	101	0	0	112	1	0	0	0	0	0	0	1	113	
3	Bharanicavu	1	2	137	1	0	141	4	24	0	1	0	0	0	29	170	
4	Chambakulam	0	0	12	0	0	12	0	0	0	0	0	0	0	0	12	
5	Chengannur	7	0	161	0	0	168	60	1	0	2	0	0	0	63	231	
6	Corporation /Municipality	17	2	119	1	0	139	6	0	0	0	1	0	1	8	147	
7	Haripad	0	2	92	0	0	94	3	121	0	0	0	0	0	124	218	
8	Kanjikuzhy	1	1	66	0	1	69	16	37	0	1	0	0	0	54	123	
9	Mavelikara	1	0	160	0	0	161	5	12	0	0	0	0	0	17	178	
10	Muthukulam	29	5	181	0	7	222	6	65	0	19	0	0	0	90	312	
11	Pattanakkad	2	0	47	0	0	49	47	29	0	0	0	0	2	78	127	
12	Thycattussery	0	2	148	0	0	150	13	0	0	0	0	0	0	13	163	
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total :		69	15	1324	2	8	1418	162	312	0	23	1	0	3	501	1919	

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)	
		With one source of Finance						With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Ambalapuzha	0	0	14	0	0	14	0	1	0	0	0	0	0	0	1	15
2	Aryad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Bharanicavu	1	1	41	0	0	43	4	6	0	0	0	0	0	0	10	53
4	Chambakulam	0	0	0	12	0	12	5	5	0	6	0	0	5	21	33	
5	Chengannur	21	1	36	0	0	58	4	8	0	6	0	0	1	19	77	
6	Corporation /Municipality	3	0	12	0	0	15	8	0	0	0	0	0	0	8	23	
7	Haripad	1	0	51	0	9	61	5	32	0	1	0	0	0	38	99	
8	Kanjikuzhy	0	1	3	0	0	4	10	20	0	1	0	0	0	31	35	
9	Mavelikara	0	0	18	0	0	18	0	4	0	0	0	0	0	4	22	
10	Muthukulam	0	1	25	0	0	26	0	6	0	2	0	0	0	8	34	
11	Pattanakkad	0	0	10	0	2	12	22	20	0	0	0	0	5	47	59	
12	Thycattusery	0	0	18	0	0	18	9	0	0	0	0	0	0	9	27	
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total :		26	4	228	12	11	281	67	102	0	16	0	0	11	196	477	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Ambalapuzha	0	5	5	0	120	120	0	1	1	0	0	0	0	126	126
2	Aryad	0	4	4	0	109	109	0	1	1	0	0	0	0	114	114
3	Bharanicavu	0	183	183	0	5	5	0	0	0	0	0	0	0	188	188
4	Chambakulam	0	3	3	0	11	11	0	1	1	0	0	0	0	15	15
5	Chengannur	0	242	242	0	1	1	0	0	0	0	0	0	0	243	243
6	Corporation /Municipality	0	127	127	0	25	25	0	0	0	0	0	0	0	152	152
7	Haripad	0	56	56	0	167	167	0	1	1	0	0	0	0	224	224
8	Kanjikuzhy	0	56	56	0	68	68	0	0	0	0	2	2	0	126	126
9	Mavelikara	0	178	178	0	9	9	0	0	0	0	0	0	0	187	187
10	Muthukulam	0	292	292	0	26	26	0	0	0	0	1	1	0	319	319
11	Pattanakkad	0	92	92	0	46	46	0	1	1	0	0	0	0	139	139
12	Thycattussery	0	32	32	0	141	141	0	0	0	0	0	0	0	173	173
13	Veliynadu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	1270	1270	0	728	728	0	5	5	0	3	3	0	2006	2006

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : ALAPPUZHA

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Ambalapuzha	0	45	45	0	10	10	0	55	55
2	Aryad	0	0	0	0	0	0	0	0	0
3	Bharanicavu	0	32	32	0	45	45	0	77	77
4	Chambakulam	0	204	204	0	58	58	0	262	262
5	Chengannur	0	51	51	0	72	72	0	123	123
6	Corporation /Municipality	0	18	18	0	24	24	0	42	42
7	Haripad	0	36	36	0	97	97	0	133	133
8	Kanjikuzhy	0	1	1	0	35	35	0	36	36
9	Mavelikara	0	11	11	0	40	40	0	51	51
10	Muthukulam	0	3	3	0	38	38	0	41	41
11	Pattanakkad	0	12	12	0	69	69	0	81	81
12	Thycattussery	0	10	10	0	18	18	0	28	28
13	Veliynadu	0	189	189	0	0	0	0	189	189
Total :		0	612	612	0	506	506	0	1118	1118

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : ALAPPUZHA

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Ambalapuzha	3	2	0		1	0	122	40	0		0		0		126	42
2	Aryad	0		14	6	1	0	99	44	0		0		0		114	50
3	Bharanicavu	6	3	3	2	53	43	107	60	0		1	1	18	8	188	117
4	Chambakulam	1	205	2	292	0		12	3	0		0		0		15	500
5	Chengannur	38	16	37	14	29	10	117	45	4	1	1	1	17	3	243	89
6	Corporation /Municipality	3	1	0		5	2	141	103	0		0		3	0	152	106
7	Haripad	6	2	1	0	0		216	97	1	1	0		0		224	100
8	Kanjikuzhy	0		18	7	2	1	102	75	0		0		4	2	126	85
9	Mavelikara	1	0	186	108	0		0		0		0		0		187	108
10	Muthukulam	1	0	315	154	2	1	1	0	0		0		0		319	155
11	Pattanakkad	7	6	4	11	1	1	126	99	0		0		1	0	139	117
12	Thycattussery	1	0	0		0		169	85	3	6	0		0		173	91
13	Veliynadu	0		0		0		0		0		0		0		0	0
Total :		67	234	580	594	94	57	1212	652	8	7	2	3	43	13	2006	1561

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : ALAPPUZHA

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Ambalapuzha	11	1068	18	708	16	579	7	294	0	0	0	0	3	1	55	2650
2	Aryad	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
3	Bharanicavu	1	1	44	455	0	0	20	23	1	1	1	1	10	5	77	485
4	Chambakulam	30	4202	132	6361	88	6421	2	1	0	0	0	0	10	714	262	17698
5	Chengannur	22	767	54	988	2	156	7	6	0	0	0	0	38	39	123	1956
6	Corporation /Municipality	4	277	2	0	0	0	25	149	0	0	0	0	11	585	42	1011
7	Haripad	10	70	56	1727	0	0	56	28	3	1	0	0	8	2	133	1827
8	Kanjikuzhy	0	0	4	1	0	0	32	17	0	0	0	0	0	0	36	18
9	Mavelikara	1	40	50	1454	0	0	0		0	0	0	0	0	0	51	1494
10	Muthukulam	0	0	41	70	0	0	0		0	0	0	0	0	0	41	70
11	Pattanakkad	9	8	46	423	1	1	22	17	0	0	0	0	3	93	81	541
12	Thycattussery	0	0	1	1	0	0	25	22	1	3	0	0	1	0	28	26
13	Veliynadu	30	1334	4	106	43	2878	65	2780	0	0	1	80	46	3380	189	10558
Total :		118	7767	452	12292	150	10035	261	3338	5	4	2	81	130	4818	1118	38335

KOTTAYAM

**Table. I
MINOR IRRIGATION SCHEMES AT A GLANCE**

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Corporation /Municipality	4	50	0	0	0	50	21	21	42	92
2	Erattupettah	9	185	0	0	0	185	15	24	39	224
3	Ettumanoor	7	137	1	0	0	138	56	45	101	239
4	Kaduthuruthy	6	140	0	0	0	140	56	65	121	261
5	Kanjirappally	7	221	1	0	0	222	15	2	17	239
6	Lalam	6	157	0	2	3	162	9	69	78	240
7	Madappally	5	119	6	4	3	132	13	20	33	165
8	Pallam	5	116	0	0	0	116	1	3	4	120
9	Pampady	8	195	0	1	0	196	19	27	46	242
10	Uzhavoor	8	226	0	0	0	226	64	13	77	303
11	Vaikom	6	199	0	0	0	199	21	139	160	359
12	Vazhoor	6	173	1	0	0	174	7	3	10	184
Total :		77	1918	9	7	6	1940	297	431	728	2668

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOTTAYAM

(Area in ha.)

Sl. No.	Block	Ground Water			Surface Water				Total			
		In Use (Nos)	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	50	137	134	42	1000	419	381	92	1080	556	515
2	Erattupettah	185	174	166	38	435	678	632	223	547	852	798
3	Ettumanoor	137	132	126	100	2788	5477	4175	237	2876	5609	4301
4	Kaduthuruthy	140	83	75	121	2187	2115	1754	261	2241	2197	1829
5	Kanjirappally	222	212	188	17	644	895	848	239	790	1106	1036
6	Lalam	160	250	228	78	183	291	249	238	342	541	477
7	Madappally	132	147	135	33	126	164	133	165	234	311	268
8	Pallam	116	53	49	4	267	379	209	120	308	432	258
9	Pampady	196	223	172	46	334	408	366	242	500	631	538
10	Uzhavoor	226	176	163	74	465	520	494	300	590	696	657
11	Vaikom	199	517	460	159	2298	1982	1872	358	2627	2498	2332
12	Vazhoor	174	316	306	10	363	522	495	184	571	838	801
Total :		1937	2419	2202	722	11088	13848	11608	2659	12706	16268	13810

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOTTAYAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0		0	0	0		0	0	0	0
2	Erattupettah	0	0	0		1	11	2	2	1	11	2	2
3	Ettumanoor	1	0	0	0	1	10	20	10	2	10	20	10
4	Kaduthuruthy	0	0	0		0	0	0		0	0	0	0
5	Kanjirappally	0	0	0		0	0	0		0	0	0	0
6	Lalam	2	1	1	0	0	0	0		2	1	1	0
7	Madappally	0	0	0		0	0	0		0	0	0	0
8	Pallam	0	0	0		0	0	0		0	0	0	0
9	Pampady	0	0	0		0	0	0		0	0	0	0
10	Uzhavoor	0	0	0		3	17	26	19	3	17	26	19
11	Vaikom	0	0	0		1	115	1	1	1	115	1	1
12	Vazhoor	0	0	0		0	0	0		0	0	0	0
Total :		3	1	1	0	6	153	49	32	9	154	50	33

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : KOTTAYAM

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	0	0	0	0	.	.
2	Erattupettah	0	0	0	0	0	0	0	.	.
3	Ettumanoor	0	0	0	0	0	0	0	.	.
4	Kaduthuruthy	0	0	0	0	0	0	0	.	.
5	Kanjirappally	0	0	0	0	0	0	0	.	.
6	Lalam	0	0	0	0	0	0	0	.	.
7	Madappally	0	0	0	0	0	0	0	.	.
8	Pallam	0	0	0	0	0	0	0	.	.
9	Pampady	0	0	0	0	0	0	0	.	.
10	Uzhavoor	0	0	0	0	0	0	0	.	.
11	Vaikom	0	0	0	0	0	0	0	.	.
12	Vazhoor	0	0	0	0	0	0	0	.	.
Total :		0	0	0	0	0	0	0	.	.

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	13	28	7	2	0	0	50	25	7	6	4	0	0	42
2	Erattupettah	1	151	32	1	0	0	185	5	21	0	8	4	1	39
3	Ettumanoor	45	83	8	0	2	0	138	87	7	1	2	0	4	101
4	Kaduthuruthy	7	124	9	0	0	0	140	13	37	38	32	0	1	121
5	Kanjirappally	1	217	0	3	0	1	222	1	2	0	1	5	8	17
6	Lalam	1	155	5	1	0	0	162	33	25	6	8	5	1	78
7	Madappally	16	69	46	1	0	0	132	13	7	6	7	0	0	33
8	Pallam	14	100	1	1	0	0	116	0	0	0	0	2	2	4
9	Pampady	1	174	13	8	0	0	196	14	5	11	10	1	5	46
10	Uzhavoor	2	151	54	19	0	0	226	53	1	7	6	0	10	77
11	Vaikom	43	144	11	1	0	0	199	82	25	12	38	1	2	160
12	Vazhoor	4	164	0	1	2	3	174	0	0	2	1	1	6	10
Total :		148	1560	186	38	4	4	1940	326	137	89	117	19	40	728

Table. V (Continued)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Corporation /Municipality	38	35	13	6	0	0	92
2	Erattupettah	6	172	32	9	4	1	224
3	Ettumanoor	132	90	9	2	2	4	239
4	Kaduthuruthy	20	161	47	32	0	1	261
5	Kanjirappally	2	219	0	4	5	9	239
6	Lalam	34	180	11	9	5	1	240
7	Madappally	29	76	52	8	0	0	165
8	Pallam	14	100	1	1	2	2	120
9	Pampady	15	179	24	18	1	5	242
10	Uzhavoor	55	152	61	25	0	10	303
11	Vaikom	125	169	23	39	1	2	359
12	Vazhoor	4	164	2	2	3	9	184
Total :		474	1697	275	155	23	44	2668

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : KOTTAYAM

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Khariif	Rabi	Perennial	Other	Total (3 to 6)	Khariif	Rabi	Perennial	others	Total (8 to 11)	Khariif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	31	31	44	29	134	192	143	29	17	381	222	174	73	46	515
2	Erattupettah	28	44	62	32	166	138	137	247	111	633	167	181	309	143	799
3	Ettumanoor	32	33	34	27	127	1948	2149	84	4	4185	1980	2182	118	31	4312
4	Kaduthuruthy	21	15	28	11	75	165	1172	276	141	1754	186	1187	304	152	1830
5	Kanjirappally	48	49	72	18	188	198	195	378	77	848	246	244	450	95	1036
6	Lalam	56	50	97	24	228	55	60	103	31	249	111	110	201	55	477
7	Madappally	40	42	30	24	135	42	34	34	23	133	82	76	64	47	268
8	Pallam	11	13	17	8	49	65	90	39	15	209	76	103	56	23	259
9	Pampady	47	48	61	15	172	104	140	84	38	366	152	188	145	53	538
10	Uzhavoor	29	35	66	33	163	276	70	133	34	513	305	105	200	67	676
11	Vaikom	90	90	210	70	460	1342	83	398	50	1873	1432	173	607	121	2333
12	Vazhoor	58	61	135	53	306	77	79	266	73	495	134	141	400	126	801
Total :		492	511	856	345	2204	4601	4352	2072	614	11639	5094	4864	2927	958	13843

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : KOTTAYAM

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kaduthuruthy	0	0	0	0	0	0	0	1	0	2	0	0	1	0	2
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	6	10	19	9	44	231	38	38	21	328	237	48	57	29	372
11	Vaikom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vazhoor	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Total :		6	10	19	9	45	232	39	39	21	330	238	49	58	30	375

**Table. VIII (A)
MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING
DEVICES**

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl .No	Block	Ground Water Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	25	17	0	0	6	48	2	0	0	0	2	50
2	Erattupettah	26	152	0	0	0	178	5	0	0	2	7	185
3	Ettumanoor	24	68	1	0	0	93	2	0	0	43	45	138
4	Kaduthuruthy	0	140	0	0	0	140	0	0	0	0	0	140
5	Kanjirappally	37	125	0	5	0	167	0	0	0	55	55	222
6	Lalam	7	148	1	1	1	158	2	0	0	2	4	162
7	Madappally	97	31	0	0	1	129	1	0	0	2	3	132
8	Pallam	34	78	0	1	2	115	0	0	0	1	1	116
9	Pampady	116	66	0	0	0	182	0	0	0	14	14	196
10	Uzhavoor	22	196	0	0	4	222	0	0	1	3	4	226
11	Vaikom	75	124	0	0	0	199	0	0	0	0	0	199
12	Vazhoor	1	128	1	1	0	131	7	0	0	36	43	174
Total :		464	1273	3	8	14	1762	19	0	1	158	178	1940

Table. VIII (B)
MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device						With two lifting Device						
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8 + 13)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(26)	
1	Corporation /Municipality	15	6	0	0	0	21	0	0	0	0	0	0	21
2	Erattupettah	9	15	0	0	0	24	0	0	0	0	0	0	24
3	Ettumanoor	7	33	1	0	0	41	3	0	0	1	4	45	
4	Kaduthuruthy	1	60	0	1	0	62	3	0	0	0	3	65	
5	Kanjirappally	0	0	0	2	0	2	0	0	0	0	0	2	
6	Lalam	0	62	0	5	0	67	2	0	0	0	2	69	
7	Madappally	8	11	0	0	0	19	0	0	0	1	1	20	
8	Pallam	0	3	0	0	0	3	0	0	0	0	0	3	
9	Pampady	3	21	0	1	0	25	0	0	0	2	2	27	
10	Uzhavoor	1	8	3	1	0	13	0	0	0	0	0	13	
11	Vaikom	28	76	0	0	32	136	0	0	0	3	3	139	
12	Vazhoor	0	3	0	0	0	3	0	0	0	0	0	3	
Total :		72	298	4	10	32	416	8	0	0	7	15	431	

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy								Total (9 + 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	50	0	0	0	0	0	50	0	0	0	0	0	0	0	0	0	50
2	Erattupettah	182	1	0	0	0	0	183	2	0	0	0	0	0	0	0	2	185
3	Ettumanoor	88	2	0	1	11	1	103	2	0	0	0	0	0	0	33	35	138
4	Kaduthuruthy	134	0	0	0	0	3	137	1	0	0	0	0	0	0	2	3	140
5	Kanjirappally	160	0	0	0	5	0	165	0	0	0	0	0	0	0	57	57	222
6	Lalam	158	2	0	0	1	1	162	0	0	0	0	0	0	0	0	0	162
7	Madappally	128	0	0	0	0	1	129	2	0	0	0	0	0	0	1	3	132
8	Pallam	112	0	0	0	1	0	113	0	0	2	0	0	0	0	1	3	116
9	Pampady	181	0	0	0	0	0	181	0	0	0	0	0	0	0	15	15	196
10	Uzhavoor	219	0	0	1	0	0	220	3	0	0	0	0	0	0	3	6	226
11	Vaikom	198	1	0	0	0	0	199	0	0	0	0	0	0	0	0	0	199
12	Vazhoor	133	0	0	0	1	0	134	1	0	0	0	0	0	0	39	40	174
Total :		1743	6	0	2	19	6	1776	11	0	2	0	0	0	151	164	1940	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)																
		With one source of energy							With two Source of Energy							Toatl (10 to 16)	Total (9+ 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	20	0	0	0	0	1	21	0	0	0	0	0	0	0	0	0	21
2	Erattupettah	23	1	0	0	0	0	24	0	0	0	0	0	0	0	0	0	24
3	Ettumanoor	36	4	0	0	0	0	40	4	0	0	0	0	0	1	5	45	
4	Kaduthuruthy	63	0	0	0	1	0	64	1	0	0	0	0	0	0	1	65	
5	Kanjirappally	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2	
6	Lalam	62	2	0	0	5	0	69	0	0	0	0	0	0	0	0	69	
7	Madappally	19	0	0	0	0	0	19	0	0	0	0	0	0	1	1	20	
8	Pallam	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	
9	Pampady	20	2	0	0	1	0	23	0	0	0	0	0	0	4	4	27	
10	Uzhavoor	9	2	0	0	2	0	13	0	0	0	0	0	0	0	0	13	
11	Vaikom	127	3	0	0	0	1	131	2	0	0	0	0	0	6	8	139	
12	Vazhoor	3	0	0	0	0	0	3	0	0	0	0	0	0	0	0	3	
Total :		385	14	0	0	11	2	412	7	0	0	0	0	0	12	19	431	

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOTTAYAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Vaikom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOTTAYAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	0	0	0	0	0	0	0	0	1	0	0	0
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	0	0	0	0	2	1	1	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0
11	Vaikom	0	0	0	0	0	0	0	0	0	0	0	0
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	3	1	1	0

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOTTAYAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	1	11	2	2	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	1	10	20	10	0	0	0	0	0	0	0	0	0	0	0	0
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0	3	17	26	19
11	Vaikom	0	0	0	0	1	115	1	1	0	0	0	0	0	0	0	0
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	21	22	12	1	115	1	1	0	0	0	0	3	17	26	19

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOTTAYAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	1	11	2	2
3	Ettumanoor	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	10
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0	3	17	26	19
11	Vaikom	0	0	0	0	0	0	0	0	0	0	0	0	1	115	1	1
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	6	153	49	32

Table XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOTTAYAM

(Area in Ha)

SN	Block	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Madappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Vaikom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOTTAYAM

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
2	Erattupettah	0	.	0	.	0	.	0	0	0	.	0	.
3	Ettumanoor	0	.	0	.	0	.	0	0	0	.	0	.
4	Kaduthuruthy	0	.	0	.	0	.	0	0	0	.	0	.
5	Kanjirappally	0	.	0	.	0	.	0	0	0	.	0	.
6	Lalam	0	.	0	.	0	.	0	0	0	.	0	.
7	Madappally	0	.	0	.	0	.	0	0	0	.	0	.
8	Pallam	0	.	0	.	0	.	0	0	0	.	0	.
9	Pampady	0	.	0	.	0	.	0	0	0	.	0	.
10	Uzhavoor	0	.	0	.	0	.	0	0	0	.	0	.
11	Vaikom	0	.	0	.	0	.	0	0	0	.	0	.
12	Vazhoor	0	.	0	.	0	.	0	0	0	.	0	.
Total		0	.	0	.	0	.	0	0	0	.	0	.

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOTTAYAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Ettumanoor	0	0	0	0	0	0	0	0	0	0	1	0	1	0
4	Kaduthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	0	0	10	1	5	0	0	0	2	0	17	1
7	Madappally	0	0	0	0	8	1	0	0	0	0	0	0	8	1
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Uzhavoor	0	0	2	0	24	4	0	0	0	0	13	1	39	5
11	Vaikom	2	0	14	15	0	0	0	0	0	0	0	0	16	15
12	Vazhoor	1	0	1	0	0	0	0	0	0	0	0	0	2	0
Total :		3	0	17	15	42	6	5	0	0	0	16	1	83	23

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOTTAYAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	3	31	0	0	0	0	0	0	0	0	0	0	5	0	8	31
2	Erattupettah	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
3	Ettumanoor	1	0	7	56	0	0	0	0	0	0	0	0	16	769	24	825
4	Kaduthuruthy	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Lalam	0	0	1	0	3	0	0	0	0	0	0	0	1	0	5	0
7	Madappally	0	0	0	0	1	0	0	0	0	0	0	0	4	23	5	23
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampady	0	0	0	0	0	0	0	0	0	0	0	0	4	0	4	0
10	Uzhavoor	0	0	0	0	0	0	0	0	0	0	0	0	9	3	9	3
11	Vaikom	29	4	1	0	0	0	0	0	0	0	0	0	0	0	30	4
12	Vazhoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		35	34	11	57	4	0	0	0	0	0	0	0	40	794	90	885

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	1	0	0	1	0	49	49	50
2	Erattupettah	0	0	0	0	0	0	185	185	185
3	Ettumanoor	2	0	2	3	7	0	131	131	138
4	Kaduthuruthy	0	0	0	0	0	0	140	140	140
5	Kanjirappally	0	0	4	0	4	1	217	218	222
6	Lalam	0	0	0	0	0	3	159	162	162
7	Madappally	0	0	0	23	23	0	109	109	132
8	Pallam	0	0	0	1	1	0	115	115	116
9	Pampady	0	0	17	0	17	0	179	179	196
10	Uzhavoor	0	0	0	4	4	0	222	222	226
11	Vaikom	0	1	0	0	1	0	198	198	199
12	Vazhoor	0	0	5	0	5	0	169	169	174
Total :		2	2	28	31	63	4	1873	1877	1940

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	4	1	0	0	5	15	22	37	42
2	Erattupettah	12	0	1	0	13	0	26	26	39
3	Ettumanoor	2	1	2	0	5	52	44	96	101
4	Kaduthuruthy	3	0	26	0	29	50	42	92	121
5	Kanjirappally	14	0	3	0	17	0	0	0	17
6	Lalam	6	0	14	2	22	3	53	56	78
7	Madappally	1	1	13	0	15	4	14	18	33
8	Pallam	3	1	0	0	4	0	0	0	4
9	Pampady	10	0	22	2	34	8	4	12	46
10	Uzhavoor	8	1	26	0	35	21	21	42	77
11	Vaikom	2	0	1	0	3	50	107	157	160
12	Vazhoor	4	1	2	0	7	0	3	3	10
Total :		69	6	110	4	189	203	336	539	728

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	24	13	5	7	0	49	2	12	6	2	0	22
2	Erattupettah	141	39	4	1	0	185	24	1	1	0	0	26
3	Ettumanoor	118	8	2	3	0	131	35	3	4	2	0	44
4	Kaduthuruthy	128	10	0	2	0	140	32	7	2	0	1	42
5	Kanjirappally	194	22	1	0	0	217	0	0	0	0	0	0
6	Lalam	104	39	12	2	2	159	23	17	11	1	1	53
7	Madappally	75	25	7	2	0	109	11	0	0	3	0	14
8	Pallam	106	6	3	0	0	115	0	0	0	0	0	0
9	Pampady	140	34	5	0	0	179	1	1	1	1	0	4
10	Uzhavoor	180	38	3	1	0	222	8	7	5	1	0	21
11	Vaikom	92	45	36	22	3	198	28	50	22	5	2	107
12	Vazhoor	161	6	2	0	0	169	2	1	0	0	0	3
Total :		1463	285	80	40	5	1873	166	99	52	15	4	336

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	1	18	30	49	1	50	3	0	8	11	22	20	42
2	Erattupettah	1	4	5	175	185	0	185	1	0	0	25	26	13	39
3	Ettumanoor	6	2	9	114	131	7	138	5	0	4	35	44	57	101
4	Kaduthuruthy	2	5	23	110	140	0	140	2	0	1	39	42	79	121
5	Kanjirappally	0	6	24	187	217	5	222	0	0	0	0	0	17	17
6	Lalam	2	2	1	154	159	3	162	0	0	0	53	53	25	78
7	Madappally	1	0	4	104	109	23	132	0	0	0	14	14	19	33
8	Pallam	4	0	5	106	115	1	116	0	0	0	0	0	4	4
9	Pampady	1	0	2	176	179	17	196	0	0	0	4	4	42	46
10	Uzhavoor	1	0	4	217	222	4	226	1	1	1	18	21	56	77
11	Vaikom	22	0	84	92	198	1	199	5	0	14	88	107	53	160
12	Vazhoor	3	0	25	141	169	5	174	0	0	0	3	3	7	10
Total :		43	20	204	1606	1873	67	1940	17	1	28	290	336	392	728

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl.No	Block	Ground Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	4	0	34	0	1	39	6	4	0	0	0	0	0	0	10	49
2	Erattupettah	3	0	118	0	0	121	4	55	0	1	0	0	4	64	185	
3	Ettumanoor	0	2	32	0	0	34	3	79	4	0	0	10	1	97	131	
4	Kaduthuruthy	29	4	26	0	0	59	19	57	0	5	0	0	0	81	140	
5	Kanjirappally	0	0	80	0	0	80	0	136	0	1	0	0	0	137	217	
6	Lalam	0	0	133	0	0	133	10	5	8	0	0	0	3	26	159	
7	Madappally	9	0	16	0	0	25	61	18	0	2	0	0	3	84	109	
8	Pallam	12	2	57	0	1	72	0	42	0	0	0	0	1	43	115	
9	Pampady	0	0	16	0	0	16	1	150	0	0	0	0	12	163	179	
10	Uzhavoor	13	0	70	0	1	84	105	12	0	19	0	0	2	138	222	
11	Vaikom	0	0	79	0	0	79	1	28	0	0	0	0	90	119	198	
12	Vazhoor	0	0	107	0	0	107	0	60	0	0	0	0	2	62	169	
Total :		70	8	768	0	3	849	210	646	12	28	0	10	118	1024	1873	

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)	
		With one source of Finance						With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	1	0	21	0	0	22	0	0	0	0	0	0	0	0	0	22
2	Erattupettah	0	4	6	0	0	10	1	14	0	0	0	0	1	16	26	
3	Ettumanoor	0	0	22	0	0	22	0	22	0	0	0	0	0	22	44	
4	Kaduthuruthy	1	3	34	0	0	38	0	4	0	0	0	0	0	4	42	
5	Kanjirappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	Lalam	0	2	45	0	0	47	2	1	3	0	0	0	0	6	53	
7	Madappally	13	1	0	0	0	14	0	0	0	0	0	0	0	0	14	
8	Pallam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	Pampady	0	0	0	0	0	0	1	0	0	0	0	0	3	4	4	
10	Uzhavoor	0	3	17	0	0	20	1	0	0	0	0	0	0	1	21	
11	Vaikom	0	0	62	0	0	62	1	44	0	0	0	0	0	45	107	
12	Vazhoor	0	0	0	0	0	0	0	3	0	0	0	0	0	3	3	
Total :		15	13	207	0	0	235	6	88	3	0	0	0	4	101	336	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	50	50	0	0	0	0	0	0	0	0	0	0	50	50
2	Erattupettah	0	185	185	0	0	0	0	0	0	0	0	0	0	185	185
3	Ettumanoor	0	137	137	0	1	1	0	0	0	0	0	0	0	138	138
4	Kaduthuruthy	0	140	140	0	0	0	0	0	0	0	0	0	0	140	140
5	Kanjirappally	0	221	221	0	1	1	0	0	0	0	0	0	0	222	222
6	Lalam	0	157	157	0	0	0	0	2	2	0	3	3	0	162	162
7	Madappally	0	119	119	0	6	6	0	4	4	0	3	3	0	132	132
8	Pallam	0	116	116	0	0	0	0	0	0	0	0	0	0	116	116
9	Pampady	0	195	195	0	0	0	0	1	1	0	0	0	0	196	196
10	Uzhavoor	0	226	226	0	0	0	0	0	0	0	0	0	0	226	226
11	Vaikom	0	199	199	0	0	0	0	0	0	0	0	0	0	199	199
12	Vazhoor	0	173	173	0	1	1	0	0	0	0	0	0	0	174	174
Total :		0	1918	1918	0	9	9	0	7	7	0	6	6	0	1940	1940

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOTTAYAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	21	21	0	21	21	0	42	42
2	Erattupettah	0	15	15	0	24	24	0	39	39
3	Ettumanoor	0	56	56	0	45	45	0	101	101
4	Kaduthuruthy	0	56	56	0	65	65	0	121	121
5	Kanjirappally	0	15	15	0	2	2	0	17	17
6	Lalam	0	9	9	0	69	69	0	78	78
7	Madappally	0	13	13	0	20	20	0	33	33
8	Pallam	0	1	1	0	3	3	0	4	4
9	Pampady	0	19	19	0	27	27	0	46	46
10	Uzhavoor	0	64	64	0	13	13	0	77	77
11	Vaikom	0	21	21	0	139	139	0	160	160
12	Vazhoor	0	7	7	0	3	3	0	10	10
Total :		0	297	297	0	431	431	0	728	728

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOTTAYAM

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	4	17	8	33	2	1	35	83	1	0	0		0		50	134
2	Erattupettah	9	12	2	1	0		141	139	0		0		33	14	185	166
3	Ettumanoor	7	5	32	39	17	52	69	27	8	3	1	0	3	1	137	126
4	Kaduthuruthy	0		1	0	0		139	75	0		0		0		140	75
5	Kanjirappally	0		0		4	76	207	106	0		0		11	5	222	188
6	Lalam	4	2	14	77	0		135	143	3	5	2	0	2	1	160	228
7	Madappally	8	5	6	4	46	42	59	75	0		0		13	9	132	135
8	Pallam	2	1	0		0		114	49	0		0		0		116	49
9	Pampady	1	3	8	23	4	13	182	132	0		0		1	1	196	172
10	Uzhavoor	1	0	90	79	0		111	67	0		3	2	21	15	226	163
11	Vaikom	2	3	164	437	0		33	20	0		0		0		199	460
12	Vazhoor	1	1	58	27	6	199	109	79	0		0		0		174	306
Total :		39	47	383	721	79	384	1334	995	12	7	6	3	84	46	1937	2204

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOTTAYAM

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	10	83	27	241	0	0	4	56	0	0	0	0	1	1	42	381
2	Erattupettah	6	55	17	518	1	1	3	3	0	0	0	0	11	55	38	632
3	Ettumanoor	9	673	49	3406	1	8	38	24	1	1	0	0	2	64	100	4175
4	Kaduthuruthy	12	345	52	1129	2	36	55	243	0	0	0	0	0	0	121	1754
5	Kanjirappally	0	0	15	842	0	0	0		0	0	0	0	2	6	17	848
6	Lalam	0	0	14	104	0	0	57	141	3	2	3	1	1	1	78	249
7	Madappally	7	13	13	77	2	10	10	25	0	0	0	0	1	8	33	133
8	Pallam	0	0	0	0	0	0	4	209	0	0	0	0	0	0	4	209
9	Pampady	4	48	21	145	6	18	8	18	0	0	0	0	7	137	46	366
10	Uzhavoor	7	45	20	141	1	14	29	90	1	4	0	0	16	200	74	494
11	Vaikom	3	46	111	1762	0	0	45	63	0	0	0	0	0	0	159	1872
12	Vazhoor	0	0	10	495	0	0	0		0	0	0	0	0	0	10	495
Total :		58	1308	349	8858	13	87	253	874	5	7	3	1	41	471	722	11607

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Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : IDUKKI

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (8+11)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (9+10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Adimaly	5	201	3	2	0	206	61	75	136	342
2	Azhutha	6	72	5	1	44	122	23	24	47	169
3	Corporation /Municipality	1	56	0	0	0	56	3	0	3	59
4	Devikulam	9	17	0	0	0	17	55	71	126	143
5	Elamdesam	7	207	0	3	0	210	76	28	104	314
6	Idukki	6	84	0	1	0	85	45	170	215	300
7	Kattappana	7	208	5	40	1	254	19	92	111	365
8	Nedumkandam	7	126	1	12	84	223	20	368	388	611
9	Thodupuzha	6	220	3	11	5	239	39	72	111	350
Total :		54	1191	17	70	134	1412	341	900	1241	2653

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : IDUKKI

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Adimaly	206	345	338	282	135	1387	1378	1249	341	1733	1715	1531
2	Azhutha	122	312	469	357	47	1040	1108	951	169	1353	1578	1308
3	Corporation /Municipality	56	32	32	27	3	9	9	9	59	41	41	36
4	Devikulam	17	122	122	121	126	4322	4230	4117	143	4445	4351	4238
5	Elamdesam	210	132	133	130	104	254	265	264	314	386	398	394
6	Idukki	85	104	109	89	213	620	590	540	298	724	699	629
7	Kattappana	252	1522	1500	1458	109	2013	2288	2140	361	3535	3788	3598
8	Nedumkandam	223	427	411	410	381	4762	4927	4764	604	5189	5338	5174
9	Thodupuzha	239	140	144	137	111	124	97	92	350	264	241	229
Total :		1410	3138	3258	3011	1229	14532	14891	14126	2639	17669	18149	17137

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : IDUKKI

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Adimaly	0	0	0		1	1	1	1	1	1	1	1
2	Azhutha	0	0	0		0	0	0		0	0	0	0
3	Corporation /Municipality	0	0	0		0	0	0		0	0	0	0
4	Devikulam	0	0	0		0	0	0		0	0	0	0
5	Elamdesam	0	0	0		0	0	0		0	0	0	0
6	Idukki	0	0	0		0	0	0		0	0	0	0
7	Kattappana	0	0	0		0	0	0		0	0	0	0
8	Nedumkandam	0	0	0		6	156	171	171	6	156	171	171
9	Thodupuzha	0	0	0		0	0	0		0	0	0	0
Total :		0	0	0		7	157	172	172	7	157	172	172

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : IDUKKI

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Adimaly	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	2	23	0	2	23	0
7	Kattappana	2	37	34	2	28	28	4	65	62
8	Nedumkandam	0	0	0	1	1	0	1	1	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0
Total :		2	37	34	5	52	28	7	89	62

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Adimaly	1	53	121	24	7	0	206	0	35	57	28	12	4	136
2	Azhutha	4	43	55	18	2	0	122	1	0	3	12	23	8	47
3	Corporation /Municipality	0	41	15	0	0	0	56	0	2	0	1	0	0	3
4	Devikulam	0	2	8	6	0	1	17	0	3	10	19	35	59	126
5	Elamdesam	26	167	16	1	0	0	210	85	7	5	7	0	0	104
6	Idukki	4	79	1	1	0	0	85	61	116	1	33	0	4	215
7	Kattappana	8	72	112	30	8	24	254	3	1	18	40	31	18	111
8	Nedumkandam	7	49	122	44	1	0	223	0	37	30	212	79	30	388
9	Thodupuzha	29	193	12	4	1	0	239	55	37	13	5	1	0	111
Total :		79	699	462	128	19	25	1412	205	238	137	357	181	123	1241

Table. V (Continued....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Adimaly	1	88	178	52	19	4	342
2	Azhutha	5	43	58	30	25	8	169
3	Corporation /Municipality	0	43	15	1	0	0	59
4	Devikulam	0	5	18	25	35	60	143
5	Elamdesam	111	174	21	8	0	0	314
6	Idukki	65	195	2	34	0	4	300
7	Kattappana	11	73	130	70	39	42	365
8	Nedumkandam	7	86	152	256	80	30	611
9	Thodupuzha	84	230	25	9	2	0	350
Total :		284	937	599	485	200	148	2653

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : IDUKKI

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Adimaly	2	63	189	28	282	1	260	904	85	1250	3	324	1093	112	1532
2	Azhutha	55	60	187	56	357	41	47	822	41	951	96	107	1010	97	1309
3	Corporation /Municipality	2	0	19	6	27	0	9	0	0	9	2	9	19	6	36
4	Devikulam	26	55	35	6	121	725	1000	1991	401	4117	751	1055	2026	407	4238
5	Elamdesam	68	3	42	17	130	210	45	9	1	264	278	48	51	18	394
6	Idukki	6	17	53	13	89	42	133	278	87	540	48	150	331	100	628
7	Kattappana	8	8	1436	6	1458	348	354	1409	30	2140	355	362	2845	35	3598
8	Nedumkandam	19	21	341	29	410	357	459	3798	321	4935	377	481	4138	349	5345
9	Thodupuzha	3	4	90	40	137	5	2	54	30	92	8	6	144	70	229
Total :		190	231	2391	199	3011	1728	2310	9265	995	14299	1918	2541	11656	1195	17310

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : IDUKKI

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	24	0	24	0	0	596	0	596	0	0	620	0	620
3	Corporation /Municipality	0	0	0	0	0	0	9	0	0	9	0	9	0	0	9
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1
Total :		0	0	24	0	24	0	9	597	0	607	0	9	621	0	630

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : IDUKKI

(In Nos.)

Sl .No	Block	Ground Water Schemes											Total (8 +13)
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Adimaly	34	155	0	0	7	196	0	0	0	10	10	206
2	Azhutha	61	48	0	0	13	122	0	0	0	0	0	122
3	Corporation /Municipality	0	56	0	0	0	56	0	0	0	0	0	56
4	Devikulam	1	13	0	0	3	17	0	0	0	0	0	17
5	Elamdesam	5	205	0	0	0	210	0	0	0	0	0	210
6	Idukki	14	70	0	0	0	84	1	0	0	0	1	85
7	Kattappana	44	92	0	0	41	177	1	0	0	74	75	252
8	Nedumkandam	75	147	0	0	0	222	1	0	0	0	1	223
9	Thodupuzha	17	214	0	0	3	234	5	0	0	0	5	239
Total :		251	1000	0	0	67	1318	8	0	0	84	92	1410

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : IDUKKI

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	Total (20 +25)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)
1	Adimaly	33	33	0	0	1	67	1	0	0	7	8	75
2	Azhutha	4	20	0	0	0	24	0	0	0	0	0	24
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	69	0	0	1	70	1	0	0	0	1	71
5	Elamdesam	1	27	0	0	0	28	0	0	0	0	0	28
6	Idukki	23	140	0	0	0	163	3	0	0	2	5	168
7	Kattappana	2	20	0	0	1	23	0	0	1	67	68	91
8	Nedumkandam	56	299	0	0	1	356	12	0	0	0	12	368
9	Thodupuzha	4	60	0	0	2	66	6	0	0	0	6	72
Total :		123	668	0	0	6	797	23	0	1	76	100	897

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : IDUKKI

(In Nos.)

Sl.No.	Block	Ground Water Schemes															
		With one source of energy							With Two source of energy							Total (9 + 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		Total (10 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	186	1	0	0	0	9	196	0	0	0	0	0	0	10	10	206
2	Azhutha	119	2	0	0	0	1	122	0	0	0	0	0	0	0	0	122
3	Corporation /Municipality	56	0	0	0	0	0	56	0	0	0	0	0	0	0	0	56
4	Devikulam	14	1	0	0	0	1	16	0	0	0	0	0	0	1	1	17
5	Elamdesam	208	2	0	0	0	0	210	0	0	0	0	0	0	0	0	210
6	Idukki	84	0	0	0	0	0	84	1	0	0	0	0	0	0	1	85
7	Kattappana	135	0	0	0	0	38	173	6	0	1	0	0	0	72	79	252
8	Nedumkandam	185	37	0	0	0	0	222	1	0	0	0	0	0	0	1	223
9	Thodupuzha	236	0	0	0	1	0	237	1	1	0	0	0	0	0	2	239
Total :		1223	43	0	0	1	49	1316	9	1	1	0	0	0	83	94	1410

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : IDUKKI

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															
		With one source of energy							With two Source of Energy							Total (9+ 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Total (10 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	64	0	0	0	0	1	65	0	0	0	0	0	0	10	10	75
2	Azhutha	23	0	0	0	1	0	24	0	0	0	0	0	0	0	0	24
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	2	68	0	0	0	1	71	0	0	0	0	0	0	0	0	71
5	Elamdesam	28	0	0	0	0	0	28	0	0	0	0	0	0	0	0	28
6	Idukki	166	0	0	0	0	0	166	0	0	0	0	0	0	2	2	168
7	Kattappana	14	0	0	0	0	0	14	4	0	1	0	0	0	72	77	91
8	Nedumkandam	280	83	0	0	0	0	363	5	0	0	0	0	0	0	5	368
9	Thodupuzha	68	2	0	0	0	1	71	0	0	0	0	0	0	1	1	72
Total :		645	153	0	0	1	3	802	9	0	1	0	0	0	85	95	897

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : IDUKKI

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : IDUKKI

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : IDUKKI

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	4	125	135	135	1	1	2	2	1	30	34	34	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		4	125	135	135	2	2	3	3	1	30	34	34	0	0	0	0

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : IDUKKI

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	6	156	171	171
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	7	157	172	172

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : IDUKKI

(Area in Ha)

Sl.No	Block	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kattappana	0	0	0	0	2	34	0	0	0	0	0	0	0	0	2	34.
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	2	34	0	0	0	0	0	0	0	0	2	34.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : IDUKKI

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	0	0	0	0	0	0	0	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	2	0	0	0	0	0	2	0
7	Kattappana	0	0	1	16	1	12	0	0	0	0	2	28
8	Nedumkandam	1	0	0	0	0	0	0	0	0	0	1	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0
Total		1	0	1	16	3	12	0	0	0	0	5	28

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : IDUKKI

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Adimaly	0	0	0	0	1	0	0	0	0	0	0	0	1	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	2	1	0	0	2	0	1	0	5	1
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Idukki	0	0	0	0	1	0	0	0	0	0	0	0	1	0
7	Kattappana	0	0	0	0	1	0	0	0	0	0	0	0	1	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	5	1	0	0	2	0	1	0	8	1

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : IDUKKI

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Azhutha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Devikulam	0	0	0	0	7	0	0	0	0	0	4	0	8	0	19	0
5	Elamdesam	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
6	Idukki	0	0	1	0	2	0	0	0	0	0	0	0	0	0	3	0
7	Kattappana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nedumkandam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Thodupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	1	0	9	0	0	0	0	0	4	0	10	0	24	0

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Adimaly	5	0	4	1	10	3	193	196	206
2	Azhutha	6	0	17	0	23	1	98	99	122
3	Corporation /Municipality	0	0	0	3	3	0	53	53	56
4	Devikulam	4	0	1	0	5	0	12	12	17
5	Elamdesam	0	0	0	0	0	0	210	210	210
6	Idukki	0	0	0	0	0	0	85	85	85
7	Kattappana	23	1	29	0	53	0	201	201	254
8	Nedumkandam	2	0	1	0	3	0	220	220	223
9	Thodupuzha	1	0	1	0	2	1	236	237	239
Total :		41	1	53	4	99	5	1308	1313	1412

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Adimaly	30	0	1	2	33	3	100	103	136
2	Azhutha	39	0	3	0	42	0	5	5	47
3	Corporation /Municipality	0	0	0	0	0	1	2	3	3
4	Devikulam	97	2	8	4	111	1	14	15	126
5	Elamdesam	11	0	1	6	18	25	61	86	104
6	Idukki	37	2	1	1	41	0	174	174	215
7	Kattappana	102	2	0	0	104	1	6	7	111
8	Nedumkandam	187	1	9	4	201	9	178	187	388
9	Thodupuzha	11	0	9	9	29	2	80	82	111
Total :		514	7	32	26	579	42	620	662	1241

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : IDUKKI

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Adimaly	118	54	13	8	0	193	44	27	19	7	3	100
2	Azhutha	90	4	2	1	1	98	4	0	0	0	1	5
3	Corporation /Municipality	32	9	11	1	0	53	0	1	1	0	0	2
4	Devikulam	2	2	7	0	1	12	0	1	9	0	4	14
5	Elamdesam	99	86	23	2	0	210	42	9	5	4	1	61
6	Idukki	50	17	16	1	1	85	72	80	12	5	5	174
7	Kattappana	33	61	80	24	3	201	0	0	6	0	0	6
8	Nedumkandam	63	86	46	18	7	220	14	57	77	15	15	178
9	Thodupuzha	86	94	45	9	2	236	40	20	15	4	1	80
Total :		573	413	243	64	15	1308	216	195	144	35	30	620

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner							Social Status of Owner						
		Schedule caste	Schedule tribe	OB C	Others	Total (3 to 6)	Owned by other than individual farmers	Total (7+8)	Schedule caste	Schedule tribe	OB C	Others	Total (10 to 13)	Owned by other than individual farmers	Total (14+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Adimaly	20	4	43	126	193	13	206	12	4	17	67	100	36	136
2	Azhutha	1	3	3	91	98	24	122	1	0	0	4	5	42	47
3	Corporation /Municipality	0	0	0	53	53	3	56	0	0	0	2	2	1	3
4	Devikulam	2	0	0	10	12	5	17	0	0	0	14	14	112	126
5	Elamdesam	2	3	23	182	210	0	210	0	1	4	56	61	43	104
6	Idukki	11	0	5	69	85	0	85	3	6	19	146	174	41	215
7	Kattappana	1	3	16	181	201	53	254	0	0	0	6	6	105	111
8	Nedumkandam	1	1	27	191	220	3	223	3	0	43	132	178	210	388
9	Thodupuzha	0	0	12	224	236	3	239	0	0	2	78	80	31	111
Total :		38	14	129	1127	1308	104	1412	19	11	85	505	620	621	1241

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : IDUKKI

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance							Total (9 to 15)	
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
1	Adimaly	2	0	38	0	0	40	26	20	7	1	0	0	99	153	193
2	Azhutha	0	2	44	0	9	55	0	43	0	0	0	0	0	43	98
3	Corporation /Municipality	0	0	53	0	0	53	0	0	0	0	0	0	0	0	53
4	Devikulam	0	0	6	0	5	11	0	1	0	0	0	0	0	1	12
5	Elamdesam	3	0	187	0	0	190	20	0	0	0	0	0	0	20	210
6	Idukki	0	1	43	0	1	45	25	1	0	0	0	0	14	40	85
7	Kattappana	0	0	140	0	0	140	41	16	3	0	0	0	1	61	201
8	Nedumkandam	0	0	145	0	0	145	20	55	0	0	0	0	0	75	220
9	Thodupuzha	2	2	172	0	0	176	58	2	0	0	0	0	0	60	236
Total :		7	5	828	0	15	855	190	138	10	1	0	0	114	453	1308

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Adimaly	0	0	17	0	0	17	18	23	7	1	0	0	34	83	100
2	Azhutha	0	2	0	0	2	4	0	1	0	0	0	0	0	1	5
3	Corporation /Municipality	0	0	2	0	0	2	0	0	0	0	0	0	0	0	2
4	Devikulam	0	1	12	0	1	14	0	0	0	0	0	0	0	0	14
5	Elamdesam	0	0	44	0	1	45	16	0	0	0	0	0	0	16	61
6	Idukki	11	0	138	0	0	149	24	0	0	1	0	0	0	25	174
7	Kattappana	0	0	1	0	0	1	5	0	3	0	0	0	-3	5	6
8	Nedumkandam	1	2	148	0	0	151	6	17	0	0	0	0	4	27	178
9	Thodupuzha	6	0	55	0	0	61	18	1	0	0	0	0	0	19	80
Total :		18	5	417	0	4	444	87	42	10	2	0	0	35	176	620

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Adimaly	0	201	201	0	3	3	0	2	2	0	0	0	0	206	206
2	Azhutha	0	72	72	0	5	5	0	1	1	0	44	44	0	122	122
3	Corporation /Municipality	0	56	56	0	0	0	0	0	0	0	0	0	0	56	56
4	Devikulam	1	16	17	0	0	0	0	0	0	0	0	0	1	16	17
5	Elamdesam	0	207	207	0	0	0	0	3	3	0	0	0	0	210	210
6	Idukki	0	84	84	0	0	0	0	1	1	0	0	0	0	85	85
7	Kattappana	0	208	208	0	5	5	0	40	40	0	1	1	0	254	254
8	Nedumkandam	0	126	126	0	1	1	0	12	12	0	84	84	0	223	223
9	Thodupuzha	0	220	220	0	3	3	0	11	11	0	5	5	0	239	239
Total :		1	1190	1191	0	17	17	0	70	70	0	134	134	1	1411	1412

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : IDUKKI

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Adimaly	0	61	61	0	75	75	0	136	136
2	Azhutha	0	23	23	0	24	24	0	47	47
3	Corporation /Municipality	0	3	3	0	0	0	0	3	3
4	Devikulam	9	46	55	1	70	71	10	116	126
5	Elamdesam	0	76	76	0	28	28	0	104	104
6	Idukki	0	45	45	0	170	170	0	215	215
7	Kattappana	0	19	19	0	92	92	0	111	111
8	Nedumkandam	0	20	20	0	368	368	0	388	388
9	Thodupuzha	0	39	39	0	72	72	0	111	111
Total :		9	332	341	1	899	900	10	1231	1241

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : IDUKKI

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	1	8	7	13	18	12	73	77	0		2	3	105	169	206	282
2	Azhutha	1	1	4	132	0		102	121	0		0		15	104	122	357
3	Corporation /Municipality	0		0		0		55	26	0		1	1	0		56	27
4	Devikulam	1	18	2	17	2	4	4	43	0		0		8	39	17	121
5	Elamdesam	2	4	11	8	3	1	190	115	0		4	3	0		210	130
6	Idukki	1	2	1	3	1	1	73	73	0		3	2	6	8	85	89
7	Kattappana	2	6	0		15	133	194	409	0		0		41	909	252	1458
8	Nedumkandam	1	1	0		17	41	201	360	2	1	2	7	0		223	410
9	Thodupuzha	0		14	11	0		181	94	14	11	21	15	9	6	239	137
Total :		9	39	39	184	56	192	1073	1319	16	12	33	30	184	1234	1410	3011

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : IDUKKI

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Adimaly	12	99	6	47	24	80	42	86	0	0	0	0	51	938	135	1249
2	Azhutha	4	75	5	74	0	0	24	518	0	0	0	0	14	284	47	951
3	Corporation /Municipality	2	8	1	1	0	0	0		0	0	0	0	0	0	3	9
4	Devikulam	39	2131	6	240	3	25	66	1558	0	0	0	0	12	165	126	4117
5	Elamdesam	5	32	28	24	0	0	70	208	0	0	0	0	1	0	104	264
6	Idukki	7	50	15	92	2	9	184	383	1	1	2	2	2	2	213	540
7	Kattappana	2	54	2	53	27	737	66	867	0	0	0	0	12	430	109	2140
8	Nedumkandam	9	242	6	99	117	1467	243	2767	1	4	3	141	2	43	381	4764
9	Thodupuzha	0	0	36	18	2	2	64	64	1	0	5	5	3	2	111	92
Total :		80	2692	105	648	175	2320	759	6451	3	5	10	148	97	1864	1229	14127

Table. XIX

NUMBER OF TRIBAL VILLAGES HAVING MAJOR/MEDIUM IRRIGATION SCHEMES, MINOR IRRIGATION SCHEMES AND NO IRRIGATION SCHEMES

State : KERALA, District : IDUKKI

(In Nos.)

S.N	Block	Only Major / Medium Schmes	Only Minor Irrigation Scheme	Both Major/Medium & MI Scheme	No Irrigation Scheme
(1)	(2)	(3)	(4)	(5)	(6)
1	Devikulam	0	1	0	0
Total :		0	1	0	0

ERANAKULAM

Table. I
MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Alangad	4	394	3	0	0	397	0	11	11	408
2	Angamaly	8	783	6	8	4	801	38	54	92	893
3	Corporation /Municipality	12	886	10	7	2	905	43	146	189	1094
4	Edappally	4	21	2	0	0	23	0	28	28	51
5	Koovappady	6	781	2	0	2	785	25	144	169	954
6	Kothamangalam	10	1181	0	0	0	1181	22	41	63	1244
7	Mulamthuruthy	6	308	2	2	0	312	31	89	120	432
8	Muvattupuzha	8	903	1	2	0	906	130	197	327	1233
9	Palluruthy	3	12	0	0	0	12	0	32	32	44
10	Pampakuda	7	677	4	0	0	681	32	42	74	755
11	Parakadavu	6	863	7	4	1	875	2	91	93	968
12	Paravoor	5	488	29	4	0	521	0	61	61	582
13	Vadavukode	6	529	2	1	1	533	18	172	190	723
14	Vadavukode	6	515	2	0	0	517	102	75	177	694
15	Vypeen	5	15	0	0	0	15	0	80	80	95
Total :		96	8356	70	28	10	8464	443	1263	1706	10170

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : ERNAKULAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alangad	397	174	227	213	11	907	945	936	408	1081	1173	1149
2	Angamaly	800	1551	545	523	91	2633	3877	3718	891	4183	4422	4241
3	Corporation /Municipality	902	350	331	304	189	171	183	174	1091	521	514	478
4	Edappally	23	4	4	4	28	10	12	12	51	13	16	16
5	Koovappady	783	592	520	454	169	178	219	215	952	770	739	669
6	Kothamangalam	1176	540	523	503	63	778	895	820	1239	1319	1418	1323
7	Mulamthuruthy	312	144	201	190	120	521	872	533	432	665	1073	723
8	Muvattupuzha	906	682	694	690	327	1851	1913	1834	1233	2534	2607	2524
9	Palluruthy	12	3	3	3	32	9	9	9	44	12	12	12
10	Pampakuda	681	440	442	411	74	1792	1792	1130	755	2232	2234	1541
11	Parakadavu	874	968	373	356	91	4858	5071	4966	965	5826	5443	5322
12	Paravoor	521	137	193	179	61	20	33	30	582	157	226	209
13	Vadavukode	531	317	349	293	188	974	1281	1018	719	1291	1629	1311
14	Vadavukode	516	227	214	204	177	251	314	261	693	478	529	465
15	Vypeen	15	4	4	4	80	18	21	21	95	22	24	25
Total :		8449	6133	4622	4331	1701	14971	17438	15677	10150	21104	22060	20008

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : ERNAKULAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alangad	0	0	0		0	0	0		0	0	0	0
2	Angamaly	1	0	0	0	1	48	1	1	2	48	1	1
3	Corporation /Municipality	3	1	1	1	0	0	0		3	1	1	1
4	Edappally	0	0	0		0	0	0		0	0	0	0
5	Koovappady	1	0	0	0	0	0	0		1	0	0	0
6	Kothamangalam	2	1	0	0	0	0	0		2	1	0	0
7	Mulamthuruthy	0	0	0		0	0	0		0	0	0	0
8	Muvattupuzha	0	0	0		0	0	0		0	0	0	0
9	Palluruthy	0	0	0		0	0	0		0	0	0	0
10	Pampakuda	0	0	0		0	0	0		0	0	0	0
11	Parakadavu	1	0	0	0	1	0	0	0	2	1	1	1
12	Paravoor	0	0	0		0	0	0		0	0	0	0
13	Vadavukode	1	0	0	0	2	10	22	12	3	10	22	12
14	Vadavukode	1	0	0	0	0	0	0		1	0	0	0
15	Vypeen	0	0	0		0	0	0		0	0	0	0
Total :		10	3	2	2	4	59	24	13	14	61	26	16

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : ERNAKULAM

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alangad	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0
5	Koovappady	1	2	3	0	0	0	1	2	3
6	Kothamangalam	3	1	1	0	0	0	3	1	1
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	1	11	11	1	11	11
12	Paravoor	0	0	0	0	0	0	0	0	0
13	Vadavukode	1	0	0	0	0	0	1	0	0
14	Vadavukode	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0
Total :		5	4	4	1	11	11	6	15	15

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alangad	243	149	4	1	0	0	397	1	0	0	5	5	0	11
2	Angamaly	214	554	26	6	1	0	801	31	9	11	16	16	9	92
3	Corporation /Municipality	257	613	31	4	0	0	905	97	81	6	4	0	1	189
4	Edappally	16	7	0	0	0	0	23	26	1	1	0	0	0	28
5	Koovappady	130	621	26	8	0	0	785	45	46	1	77	0	0	169
6	Kothamangalam	251	911	17	2	0	0	1181	23	23	10	6	1	0	63
7	Mulamthuruthy	47	260	3	2	0	0	312	62	48	10	0	0	0	120
8	Muvattupuzha	73	503	248	82	0	0	906	138	139	25	8	6	11	327
9	Palluruthy	0	11	1	0	0	0	12	12	19	1	0	0	0	32
10	Pampakuda	123	552	5	0	1	0	681	30	35	4	4	0	1	74
11	Parakadavu	122	731	18	4	0	0	875	24	31	9	21	3	5	93
12	Paravoor	304	207	4	5	1	0	521	47	13	1	0	0	0	61
13	Vadavukode	74	308	150	1	0	0	533	19	93	67	4	4	3	190
14	Vadavukode	210	303	3	1	0	0	517	144	25	6	2	0	0	177
15	Vypeen	4	10	1	0	0	0	15	28	50	2	0	0	0	80
Total :		2068	5740	537	116	3	0	8464	727	613	154	147	35	30	1706

Table. V (Continued....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Alangad	244	149	4	6	5	0	408
2	Angamaly	245	563	37	22	17	9	893
3	Corporation /Municipality	354	694	37	8	0	1	1094
4	Edappally	42	8	1	0	0	0	51
5	Koovappady	175	667	27	85	0	0	954
6	Kothamangalam	274	934	27	8	1	0	1244
7	Mulamthuruthy	109	308	13	2	0	0	432
8	Muvattupuzha	211	642	273	90	6	11	1233
9	Palluruthy	12	30	2	0	0	0	44
10	Pampakuda	153	587	9	4	1	1	755
11	Parakadavu	146	762	27	25	3	5	968
12	Paravoor	351	220	5	5	1	0	582
13	Vadavukode	93	401	217	5	4	3	723
14	Vadavukode	354	328	9	3	0	0	694
15	Vypeen	32	60	3	0	0	0	95
Total :		2795	6353	691	263	38	30	10170

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : ERNAKULAM

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alangad	52	52	88	21	213	193	199	417	127	936	245	251	506	148	1149
2	Angamaly	136	133	222	33	524	1409	1335	855	120	3719	1545	1468	1078	153	4243
3	Corporation /Municipality	21	63	169	51	304	40	44	64	27	174	61	107	233	78	479
4	Edappally	1	1	1	1	4	3	3	6	1	12	4	4	7	1	16
5	Koovappady	9	13	326	106	454	48	51	87	29	215	57	65	413	134	669
6	Kothamangalam	35	88	303	78	504	185	278	240	117	820	219	366	543	195	1324
7	Mulamthuruthy	41	40	83	26	190	299	120	34	80	533	340	160	117	106	723
8	Muvattupuzha	8	144	504	33	690	19	333	1296	186	1834	27	477	1800	219	2523
9	Palluruthy	1	1	2	0	3	3	2	1	2	9	4	3	3	2	12
10	Pampakuda	10	154	197	51	411	289	618	45	178	1130	298	772	242	229	1541
11	Parakadavu	74	67	149	66	356	1088	1162	1964	752	4967	1162	1230	2113	818	5323
12	Paravoor	30	38	76	35	179	7	6	10	7	30	37	44	86	42	209
13	Vadavukode	32	57	153	52	293	140	301	438	151	1030	172	358	590	203	1323
14	Vadavukode	45	46	95	19	204	103	76	53	28	261	148	121	148	47	465
15	Vypeen	1	1	2	0	4	5	4	12	0	21	6	5	13	0	24
Total :		493	898	2371	571	4333	3831	4533	5522	1804	15690	4324	5431	7892	2375	20023

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : ERNAKULAM

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alangad	1	12	12	6	31	119	139	253	93	604	120	151	265	98	635
2	Angamaly	47	49	38	1	134	846	838	153	47	1884	892	887	191	48	2018
3	Corporation /Municipality	7	30	63	30	130	26	29	28	19	101	33	58	91	49	231
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	2	2	67	8	80	48	51	55	13	167	50	54	122	21	247
6	Kothamangalam	7	41	92	15	156	85	104	30	11	231	93	145	123	26	387
7	Mulamthuruthy	30	31	43	11	115	139	11	3	28	182	169	43	46	39	297
8	Muvattupuzha	1	41	221	4	268	4	136	1073	106	1319	5	177	1294	110	1587
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	1	135	160	35	332	215	286	7	7	515	216	421	167	42	847
11	Parakadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	3	4	29	2	39	20	128	314	87	549	23	132	344	89	588
14	Vadavukode	30	27	60	2	118	17	2	17	0	36	46	29	77	2	154
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		129	372	787	114	1402	1519	1725	1933	411	5588	1648	2097	2719	525	6990

Table. VIII(A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl .No	Block	Ground Water Schemes												
		With One lifting Device						With two lifting Device					Total (8 +13)	
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Alangad	7	390	0	0	0	397	0	0	0	0	0	0	397
2	Angamaly	102	695	0	0	0	797	4	0	0	0	0	4	801
3	Corporation /Municipality	242	662	0	0	0	904	1	0	0	0	0	1	905
4	Edappally	0	23	0	0	0	23	0	0	0	0	0	0	23
5	Koovappady	6	777	0	0	0	783	0	0	0	1	1	1	784
6	Kothamangalam	3	1170	1	0	0	1174	4	0	0	0	0	4	1178
7	Mulamthuruthy	3	305	0	1	0	309	2	0	0	1	3	3	312
8	Muvattupuzha	9	891	0	0	0	900	6	0	0	0	0	6	906
9	Palluruthy	0	12	0	0	0	12	0	0	0	0	0	0	12
10	Pampakuda	6	670	0	0	0	676	4	0	0	1	5	5	681
11	Parakadavu	74	792	1	0	0	867	7	0	0	1	8	8	875
12	Paravoor	9	509	0	1	0	519	2	0	0	0	2	2	521
13	Vadavukode	6	520	1	4	1	532	0	0	0	0	0	0	532
14	Vadavukode	216	300	0	0	0	516	0	0	0	1	1	1	517
15	Vypeen	0	15	0	0	0	15	0	0	0	0	0	0	15
Total :		683	7731	3	6	1	8424	30	0	0	5	35	35	8459

Table. VIII(B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device						With two lifting Device					Total (20 + 25)
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)
1	Alangad	0	11	0	0	0	11	0	0	0	0	0	11
2	Angamaly	11	42	0	0	0	53	1	0	0	0	1	54
3	Corporation /Municipality	83	61	0	0	0	144	2	0	0	0	2	146
4	Edappally	0	28	0	0	0	28	0	0	0	0	0	28
5	Koovappady	3	141	0	0	0	144	0	0	0	0	0	144
6	Kothamangalam	4	31	0	3	0	38	1	0	0	2	3	41
7	Mulamthuruthy	0	85	0	1	0	86	3	0	0	0	3	89
8	Muvattupuzha	1	193	0	0	2	196	1	0	0	0	1	197
9	Palluruthy	1	31	0	0	0	32	0	0	0	0	0	32
10	Pampakuda	1	41	0	0	0	42	0	0	0	0	0	42
11	Parakadavu	3	84	0	0	0	87	1	0	0	2	3	90
12	Paravoor	1	54	0	5	0	60	1	0	0	0	1	61
13	Vadavukode	0	106	0	0	0	106	0	0	0	66	66	172
14	Vadavukode	52	23	0	0	0	75	0	0	0	0	0	75
15	Vypeen	0	79	0	0	0	79	1	0	0	0	1	80
Total :		160	1010	0	9	2	1181	11	0	0	70	81	1262

Table. IX(A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl.No	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy							Total (9 + 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Alangad	391	2	0	0	0	0	393	4	0	0	0	0	0	0	0	4	397
2	Angamaly	797	1	0	0	0	0	798	3	0	0	0	0	0	0	0	3	801
3	Corporation /Municipality	905	0	0	0	0	0	905	0	0	0	0	0	0	0	0	0	905
4	Edappally	23	0	0	0	0	0	23	0	0	0	0	0	0	0	0	0	23
5	Koovappady	775	4	0	0	0	1	780	3	0	0	0	0	0	0	1	4	784
6	Kothamangalam	1172	4	0	0	0	0	1176	2	0	0	0	0	0	0	0	2	1178
7	Mulamthuruthy	305	1	1	0	2	0	309	3	0	0	0	0	0	0	0	3	312
8	Muvattupuzha	904	0	0	0	0	2	906	0	0	0	0	0	0	0	0	0	906
9	Palluruthy	12	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	12
10	Pampakuda	677	3	0	0	0	0	680	0	0	0	0	0	0	1	1	1	681
11	Parakadavu	862	10	1	0	0	0	873	0	0	1	0	0	0	1	2	2	875
12	Paravoor	517	2	0	0	1	0	520	1	0	0	0	0	0	0	1	1	521
13	Vadavukode	522	6	0	0	4	0	532	0	0	0	0	0	0	0	0	0	532
14	Vadavukode	516	0	0	0	0	0	516	0	0	0	0	0	0	1	1	1	517
15	Vypeen	15	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	15
Total :		8393	33	2	0	7	3	8438	16	0	1	0	0	0	0	4	21	8459

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl.No	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)	
		With one source of energy							With two Source of Energy									
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Alangad	11	0	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
2	Angamaly	53	1	0	0	0	0	54	0	0	0	0	0	0	0	0	0	54
3	Corporation /Municipality	146	0	0	0	0	0	146	0	0	0	0	0	0	0	0	0	146
4	Edappally	28	0	0	0	0	0	28	0	0	0	0	0	0	0	0	0	28
5	Koovappady	140	3	0	0	0	1	144	0	0	0	0	0	0	0	0	0	144
6	Kothamangalam	27	8	0	0	4	0	39	0	0	0	0	0	0	2	2	0	41
7	Mulamthuruthy	82	3	1	0	1	0	87	2	0	0	0	0	0	0	2	0	89
8	Muvattupuzha	196	1	0	0	0	0	197	0	0	0	0	0	0	0	0	0	197
9	Palluruthy	31	0	0	0	1	0	32	0	0	0	0	0	0	0	0	0	32
10	Pampakuda	42	0	0	0	0	0	42	0	0	0	0	0	0	0	0	0	42
11	Parakadavu	86	0	0	0	0	1	87	0	1	0	0	0	0	2	3	0	90
12	Paravoor	56	0	0	0	5	0	61	0	0	0	0	0	0	0	0	0	61
13	Vadavukode	105	1	0	0	0	0	106	0	0	0	0	0	0	66	66	0	172
14	Vadavukode	75	0	0	0	0	0	75	0	0	0	0	0	0	0	0	0	75
15	Vypeen	80	0	0	0	0	0	80	0	0	0	0	0	0	0	0	0	80
Total :		1158	17	1	0	11	2	1189	2	1	0	0	0	0	70	73	0	1262

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ERNAKULAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
6	Kothamangalam	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Vadavukode	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	0	0	0	5	1	1	1	1	0	0	0	1	0	0	0

Table. X(A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ERNAKULAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	0	0	0	0	1	0	0	0
3	Corporation /Municipality	1	0	0	0	0	0	0	0	3	1	1	1
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	1	0	0	0
6	Kothamangalam	0	0	0	0	0	0	0	0	2	1	0	0
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	0	0	0	0	0	1	0	0	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	1	0	0	0	0	0	0	0	1	0	0	0
14	Vadavukode	0	0	0	0	0	0	0	0	1	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	0	0	0	0	0	0	0	10	3	2	2

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ERNAKULAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	1	48	1	1	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kothamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	1	6	10	10	0	0	0	0	0	0	0	0
14	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	3	55	11	11	0	0	0	0	0	0	0	0

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : ERNAKULAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	0	0	0	0	0	0	0	0	1	48	1	1
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kothamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	0	0	0	0	1	4	12	2	2	10	22	12
14	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	1	4	12	2	4	59	24	13

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : ERNAKULAM

(Area in Ha)

Sl.No	Block	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Koovappady	0	0	0	0	0	0	0	0	0	0	1	3	0	0	1	3
5	Kothamangalam	1	0	1	0	1	1	0	0	0	0	0	0	0	0	3	1
6	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Parakadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Vadavukode	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0
13	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1	0	1	0	1	1	0	0	1	0	1	3	0	0	5	4

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : ERNAKULAM

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	0	0	0	0
6	Kothamangalam	0	0	0	0	0	0	0	0	0	0	0	0
7	Mulamthuruthy	0	0	0	0	0	0	0	0	0	0	0	0
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	0	0	0	0	0	0	0	0
11	Parakadavu	0	0	0	0	0	0	0	0	1	11	1	11
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0
14	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	0	0	0	0	0	0	1	11	1	11

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : ERNAKULAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	1	0	1	0	0	0	0	0	0	0	2	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	17	1	0	0	0	0	0	0	17	1
6	Kothamangalam	0	0	1	0	0	0	0	0	0	0	0	0	1	0
7	Mulamthuruthy	0	0	52	0	2	0	0	0	0	0	24	6	78	6
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	0	0	3	2	0	0	0	0	29	9	32	10
11	Parakadavu	0	0	0	0	0	0	0	0	0	0	1	0	1	0
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	54	0	23	4	0	0	0	0	54	14	131	18

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : ERNAKULAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Angamaly	0	0	9	3	0	0	0	0	0	0	0	0	0	0	9	3
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Edappally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Koovappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kothamangalam	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
7	Mulamthuruthy	1	0	12	0	2	67	0	0	0	0	0	0	10	183	25	250
8	Muvattupuzha	0	0	0	0	0	0	0	0	0	0	0	0	6	1	6	1
9	Palluruthy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Pampakuda	0	0	1	3	0	0	0	0	0	0	0	0	7	485	8	488
11	Parakadavu	1	1	0	0	0	0	0	0	0	0	0	0	1	0	2	1
12	Paravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadavukode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Vadavukode	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
15	Vypeen	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	1	24	6	2	67	0	0	0	0	0	0	24	668	52	742

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alangad	0	0	0	4	4	0	393	393	397
2	Angamaly	0	1	1	4	6	4	791	795	801
3	Corporation /Municipality	0	6	0	9	15	4	886	890	905
4	Edappally	0	1	1	0	2	0	21	21	23
5	Koovappady	4	2	1	21	28	0	757	757	785
6	Kothamangalam	1	2	4	6	13	1	1167	1168	1181
7	Mulamthuruthy	0	0	0	2	2	1	309	310	312
8	Muvattupuzha	0	0	5	16	21	0	885	885	906
9	Palluruthy	0	0	0	0	0	0	12	12	12
10	Pampakuda	0	2	0	7	9	1	671	672	681
11	Parakadavu	0	0	1	15	16	2	857	859	875
12	Paravoor	0	1	1	1	3	1	517	518	521
13	Vadavukode	0	2	0	28	30	0	503	503	533
14	Vadavukode	0	0	3	4	7	0	510	510	517
15	Vypeen	0	0	0	2	2	0	13	13	15
Total :		5	17	17	119	158	14	8292	8306	8464

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alangad	9	0	0	0	9	1	1	2	11
2	Angamaly	24	2	20	0	46	7	39	46	92
3	Corporation /Municipality	2	2	3	1	8	0	181	181	189
4	Edappally	0	1	0	2	3	0	25	25	28
5	Koovappady	0	0	2	0	2	6	161	167	169
6	Kothamangalam	11	2	1	2	16	30	17	47	63
7	Mulamthuruthy	5	0	0	1	6	25	89	114	120
8	Muvattupuzha	17	0	34	4	55	16	256	272	327
9	Palluruthy	0	0	0	0	0	0	32	32	32
10	Pampakuda	18	1	0	0	19	30	25	55	74
11	Parakadavu	24	0	12	4	40	16	37	53	93
12	Paravoor	0	0	0	0	0	0	61	61	61
13	Vadavukode	9	0	4	1	14	11	165	176	190
14	Vadavukode	0	0	1	0	1	20	156	176	177
15	Vypeen	0	0	0	0	0	0	80	80	80
Total :		119	8	77	15	219	162	1325	1487	1706

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl.No	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi-Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi-Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alangad	365	21	6	1	0	393	1	0	0	0	0	1
2	Angamaly	692	85	10	1	3	791	27	9	3	0	0	39
3	Corporation /Municipality	741	111	26	3	5	886	142	27	5	5	2	181
4	Edappally	21	0	0	0	0	21	25	0	0	0	0	25
5	Koovappady	609	134	8	3	3	757	87	56	14	4	0	161
6	Kothamangalam	1017	133	10	2	5	1167	12	2	3	0	0	17
7	Mulamthuruthy	237	53	14	3	2	309	62	18	7	2	0	89
8	Muvattupuzha	630	233	22	0	0	885	166	64	21	4	1	256
9	Palluruthy	12	0	0	0	0	12	31	1	0	0	0	32
10	Pampakuda	533	119	17	1	1	671	18	6	1	0	0	25
11	Parakadavu	802	37	3	0	15	857	28	7	0	1	1	37
12	Paravoor	504	10	0	0	3	517	59	2	0	0	0	61
13	Vadavukode	401	66	30	3	3	503	137	28	0	0	0	165
14	Vadavukode	480	21	3	0	6	510	142	10	2	1	1	156
15	Vypeen	13	0	0	0	0	13	78	1	0	1	0	80
Total :		7057	1023	149	17	46	8292	1015	231	56	18	5	1325

**Table. XV
MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER**

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alangad	2	0	150	241	393	4	397	0	0	1	0	1	10	11
2	Angamaly	14	2	39	736	791	10	801	1	0	1	37	39	53	92
3	Corporation /Municipality	8	4	131	743	886	19	905	5	0	18	158	181	8	189
4	Edappally	0	0	15	6	21	2	23	0	0	1	24	25	3	28
5	Koovappady	4	3	91	659	757	28	785	1	0	14	146	161	8	169
6	Kothamangalam	51	1	192	923	1167	14	1181	0	0	7	10	17	46	63
7	Mulamthuruthy	1	0	48	260	309	3	312	2	0	6	81	89	31	120
8	Muvattupuzha	3	0	60	822	885	21	906	4	0	8	244	256	71	327
9	Palluruthy	1	0	11	0	12	0	12	0	0	9	23	32	0	32
10	Pampakuda	3	0	14	654	671	10	681	0	0	0	25	25	49	74
11	Parakadavu	22	0	192	643	857	18	875	0	0	19	18	37	56	93
12	Paravoor	10	2	241	264	517	4	521	2	0	34	25	61	0	61
13	Vadavukode	2	0	39	462	503	30	533	0	0	9	156	165	25	190
14	Vadavukode	6	4	237	263	510	7	517	1	0	109	46	156	21	177
15	Vypeen	0	0	10	3	13	2	15	1	0	40	39	80	0	80
Total :		127	16	1470	6679	8292	172	8464	17	0	276	1032	1325	381	1706

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alangad	96	4	281	0	2	383	3	0	0	6	0	0	1	10	393
2	Angamaly	20	6	473	0	93	592	74	86	0	14	0	12	13	199	791
3	Corporation /Municipality	32	2	769	0	1	804	3	71	0	5	0	0	3	82	886
4	Edappally	0	0	2	0	0	2	0	19	0	0	0	0	0	19	21
5	Koovappady	4	0	740	0	0	744	13	0	0	0	0	0	0	13	757
6	Kothamangalam	0	4	780	0	0	784	5	377	0	0	0	1	0	383	1167
7	Mulamthuruthy	2	1	188	0	1	192	73	43	0	0	1	0	0	117	309
8	Muvattupuzha	7	1	469	0	1	478	304	101	0	0	0	0	2	407	885
9	Palluruthy	0	0	12	0	0	12	0	0	0	0	0	0	0	0	12
10	Pampakuda	3	5	637	0	0	645	15	11	0	0	0	0	0	26	671
11	Parakadavu	45	8	654	1	15	723	121	9	0	4	0	0	0	134	857
12	Paravoor	1	2	505	0	4	512	4	0	0	1	0	0	0	5	517
13	Vadavukode	3	1	495	0	0	499	2	2	0	0	0	0	0	4	503
14	Vadavukode	11	1	378	0	0	390	62	47	0	11	0	0	0	120	510
15	Vypeen	0	0	11	0	0	11	1	1	0	0	0	0	0	2	13
Total :		224	35	6394	1	117	6771	680	767	0	41	1	13	19	1521	8292

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes														
		With one source of Finance						With two Sources of finance								Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)		
1	Alangad	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1
2	Angamaly	1	0	23	0	8	32	3	1	0	1	0	0	2	7	39
3	Corporation /Municipality	2	0	146	0	28	176	2	1	0	1	0	0	1	5	181
4	Edappally	0	0	4	0	0	4	1	20	0	0	0	0	0	21	25
5	Koovappady	2	76	73	0	9	160	1	0	0	0	0	0	0	1	161
6	Kothamangalam	0	0	17	0	0	17	0	0	0	0	0	0	0	0	17
7	Mulamthuruthy	0	1	75	0	0	76	4	8	0	0	0	0	1	13	89
8	Muvattupuzha	5	3	234	0	0	242	4	10	0	0	0	0	0	14	256
9	Palluruthy	0	0	30	0	0	30	2	0	0	0	0	0	0	2	32
10	Pampakuda	0	0	24	0	0	24	0	1	0	0	0	0	0	1	25
11	Parakadavu	5	2	24	0	0	31	5	1	0	0	0	0	0	6	37
12	Paravoor	0	0	55	0	1	56	2	3	0	0	0	0	0	5	61
13	Vadavukode	0	0	165	0	0	165	0	0	0	0	0	0	0	0	165
14	Vadavukode	10	4	129	0	1	144	3	9	0	0	0	0	0	12	156
15	Vypeen	0	0	58	0	0	58	21	1	0	0	0	0	0	22	80
Total :		25	86	1058	0	47	1216	48	55	0	2	0	0	4	109	1325

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alangad	0	394	394	0	3	3	0	0	0	0	0	0	0	397	397
2	Angamaly	0	783	783	0	6	6	0	8	8	0	4	4	0	801	801
3	Corporation /Municipality	0	886	886	0	10	10	0	7	7	0	2	2	0	905	905
4	Edappally	0	21	21	0	2	2	0	0	0	0	0	0	0	23	23
5	Koovappady	0	781	781	0	2	2	0	0	0	0	2	2	0	785	785
6	Kothamangalam	0	1181	1181	0	0	0	0	0	0	0	0	0	0	1181	1181
7	Mulamthuruthy	0	308	308	0	2	2	0	2	2	0	0	0	0	312	312
8	Muvattupuzha	0	903	903	0	1	1	0	2	2	0	0	0	0	906	906
9	Palluruthy	0	12	12	0	0	0	0	0	0	0	0	0	0	12	12
10	Pampakuda	0	677	677	0	4	4	0	0	0	0	0	0	0	681	681
11	Parakadavu	0	863	863	0	7	7	0	4	4	0	1	1	0	875	875
12	Paravoor	0	488	488	0	29	29	0	4	4	0	0	0	0	521	521
13	Vadavukode	0	529	529	0	2	2	0	1	1	0	1	1	0	533	533
14	Vadavukode	0	515	515	0	2	2	0	0	0	0	0	0	0	517	517
15	Vypeen	0	15	15	0	0	0	0	0	0	0	0	0	0	15	15
Total :		0	8356	8356	0	70	70	0	28	28	0	10	10	0	8464	8464

**Table. XVII (B)
MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES**

State : KERALA, District : ERNAKULAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alangad	0	0	0	0	11	11	0	11	11
2	Angamaly	0	38	38	0	54	54	0	92	92
3	Corporation /Municipality	0	43	43	0	146	146	0	189	189
4	Edappally	0	0	0	0	28	28	0	28	28
5	Koovappady	0	25	25	0	144	144	0	169	169
6	Kothamangalam	0	22	22	0	41	41	0	63	63
7	Mulamthuruthy	0	31	31	0	89	89	0	120	120
8	Muvattupuzha	0	130	130	0	197	197	0	327	327
9	Palluruthy	0	0	0	0	32	32	0	32	32
10	Pampakuda	0	32	32	0	42	42	0	74	74
11	Parakadavu	0	2	2	0	91	91	0	93	93
12	Paravoor	0	0	0	0	61	61	0	61	61
13	Vadavukode	0	18	18	0	172	172	0	190	190
14	Vadavukode	0	102	102	0	75	75	0	177	177
15	Vypeen	0	0	0	0	80	80	0	80	80
Total :		0	443	443	0	1263	1263	0	1706	1706

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : ERNAKULAM

(In No./area in Ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	19	10	264	158	35	17	79	28	0		0		0		397	213
2	Angamaly	19	15	612	407	23	20	144	81	1	0	1	0	0		800	523
3	Corporation /Municipality	7	2	691	199	88	64	110	35	2	1	1	1	3	1	902	304
4	Edappally	0		0		0		3	1	0		0		20	3	23	4
5	Koovappady	474	308	154	71	22	14	129	58	0		4	3	0		783	454
6	Kothamangalam	4	1	825	358	3	2	343	142	0		0		1	0	1176	503
7	Mulamthuruthy	1	0	158	110	1	2	142	73	4	2	4	3	2	0	312	190
8	Muvattupuzha	14	9	856	652	2	1	33	26	0		0		1	2	906	690
9	Palluruthy	0		0		0		11	3	0		1	0	0		12	3
10	Pampakuda	7	5	559	331	3	1	106	69	0		5	4	1	1	681	411
11	Parakadavu	40	15	523	214	90	39	207	81	3	1	4	3	7	4	874	356
12	Paravoor	4	1	16	7	171	75	324	93	1	0	4	2	1	0	521	179
13	Vadavukode	0		437	232	4	3	72	43	8	6	6	7	4	1	531	293
14	Vadavukode	3	1	510	202	1	1	2	1	0		0		0		516	204
15	Vypeen	0		1	0	0		14	4	0		0		0		15	4
Total :		592	368	5606	2940	443	238	1719	739	19	11	30	22	40	13	8449	4330

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : ERNAKULAM

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Under ground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alangad	4	281	6	655	0	0	1	0	0	0	0	0	0	0	11	936
2	Angamaly	32	3136	48	545	1	25	8	5	1	3	0	0	1	4	91	3718
3	Corporation /Municipality	30	7	122	138	3	4	29	23	4	2	0	0	1	1	189	174
4	Edappally	0	0	0	0	0	0	24	11	0	0	0	0	4	1	28	12
5	Koovappady	80	62	45	117	25	18	16	15	0	0	0	0	3	3	169	215
6	Kothamangalam	6	385	49	433	0	0	5	2	0	0	0	0	3	1	63	820
7	Mulamthuruthy	0	0	66	489	2	2	42	32	1	1	7	8	2	1	120	533
8	Muvattupuzha	44	1112	263	702	5	4	6	5	0	0	0	0	9	10	327	1834
9	Palluruthy	1	0	5	2	0	0	25	6	0	0	0	0	1	1	32	9
10	Pampakuda	17	677	45	425	0	0	12	28	0	0	0	0	0	0	74	1130
11	Parakadavu	27	1079	35	3011	18	872	9	3	1	1	1	1	0	0	91	4966
12	Paravoor	2	1	1	1	28	17	25	10	0	0	0	0	5	2	61	30
13	Vadavukode	4	113	181	669	0	0	1	175	1	1	0	0	1	60	188	1018
14	Vadavukode	12	68	161	191	3	1	1	1	0	0	0	0	0	0	177	261
15	Vypeen	0	0	1	0	0	0	79	20	0	0	0	0	0	0	80	21
Total :		259	6921	1028	7376	85	942	283	336	8	8	8	9	30	84	1701	15677

THRISSUR

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : THRISSUR

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								Grand Total (8+11)
			Ground Water					Surface Water			
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (9+10)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Anthikkad	5	1454	7	0	0	1461	3	53	56	1517
2	Chalakkudy	6	1277	1	3	1	1282	6	151	157	1439
3	Chavakkad	5	539	265	1	3	808	0	38	38	846
4	Cherpu	4	1361	3	5	4	1373	59	76	135	1508
5	Chowannur	8	2237	104	119	25	2485	80	52	132	2617
6	Corporation /Municipality	7	1769	153	39	25	1986	28	261	289	2275
7	Irinjalakuda	4	970	4	5	4	983	19	108	127	1110
8	Kodakara	7	1665	8	9	2	1684	26	201	227	1911
9	Mala	5	1058	0	14	0	1072	17	68	85	1157
10	Mathilakom	7	452	867	14	16	1349	15	1079	1094	2443
11	Mullassery	4	1148	2	10	0	1160	2	80	82	1242
12	Ollukkara	4	1450	10	36	13	1509	14	186	200	1709
13	Pazhayannur	6	535	57	200	44	836	154	208	362	1198
14	Puzhackal	6	1721	14	23	42	1800	75	231	306	2106
15	Thalikulam	5	590	693	8	0	1291	6	161	167	1458
16	Vadakancerry	7	2306	20	24	22	2372	64	45	109	2481
17	Vellangallur	5	1638	12	5	1	1656	9	77	86	1742
Total :		95	22170	2220	515	202	25107	577	3075	3652	28759

Table. II
MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : THRISSUR

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anthikkad	1461	1788	442	420	56	1240	1039	987	1517	3028	1481	1407
2	Chalakkudy	1280	724	675	632	157	1702	1746	1703	1437	2426	2421	2335
3	Chavakkad	807	309	308	278	38	967	967	966	845	1276	1274	1244
4	Cherpu	1373	831	405	378	135	2524	1980	1941	1508	3354	2386	2319
5	Chowannur	2484	1522	699	678	132	2159	2151	2105	2616	3681	2850	2783
6	Corporation /Municipality	1986	935	643	620	288	996	1141	1045	2274	1931	1784	1665
7	Irinjalakuda	983	784	376	359	127	2636	2538	2538	1110	3420	2914	2897
8	Kodakara	1681	4403	1433	1342	227	1340	1346	1196	1908	5743	2779	2538
9	Mala	1072	515	523	507	83	2238	2086	2042	1155	2753	2609	2549
10	Mathilakom	1349	412	381	380	1094	664	300	300	2443	1076	680	680
11	Mullassery	1160	318	316	313	82	1636	1589	1570	1242	1953	1904	1883
12	Ollukkara	1508	1429	1382	1351	199	400	374	340	1707	1829	1756	1691
13	Pazhayannur	834	502	454	447	361	2487	967	960	1195	2989	1422	1407
14	Puzhackal	1797	791	753	724	306	1458	1381	1354	2103	2249	2133	2078
15	Thalikulam	1291	365	364	364	167	69	69	69	1458	434	433	433
16	Vadakancerry	2372	1068	948	905	109	2147	2427	2147	2481	3215	3376	3052
17	Vellangallur	1650	549	540	536	83	966	997	994	1733	1515	1537	1530
Total :		25088	17245	10642	10234	3644	25628	23097	22257	28732	42872	33740	32491

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : THRISSUR

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anthikkad	0	0	0		0	0	0		0	0	0	0
2	Chalakkudy	1	2	0	0	0	0	0		1	2	0	0
3	Chavakkad	1	0	0	0	0	0	0		1	0	0	0
4	Cherpu	0	0	0		0	0	0		0	0	0	0
5	Chowannur	1	0	0	0	0	0	0		1	0	0	0
6	Corporation /Municipality	0	0	0		1	1	1	1	1	1	1	1
7	Irinjalakuda	0	0	0		0	0	0		0	0	0	0
8	Kodakara	3	1	1	1	0	0	0		3	1	1	1
9	Mala	0	0	0		0	0	0		0	0	0	0
10	Mathilakom	0	0	0		0	0	0		0	0	0	0
11	Mullassery	0	0	0		0	0	0		0	0	0	0
12	Ollukkara	1	0	0	0	1	0	0	0	2	0	0	0
13	Pazhayannur	2	1	0	0	1	121	121	121	3	122	121	121
14	Puzhackal	3	1	1	1	0	0	0		3	1	1	1
15	Thalikulam	0	0	0		0	0	0		0	0	0	0
16	Vadakancerry	0	0	0		0	0	0		0	0	0	0
17	Vellangallur	6	3	3	3	3	1	1	1	9	4	4	4
Total :		18	9	5	5	6	123	123	123	24	132	129	129

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : THRISSUR

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anthikkad	0	0	0	0	0	0	0	.	.
2	Chalakkudy	1	1	0	0	0	0	1	1.	.
3	Chavakkad	0	0	0	0	0	0	0	.	.
4	Cherpu	0	0	0	0	0	0	0	.	.
5	Chowannur	0	0	0	0	0	0	0	.	.
6	Corporation /Municipality	0	0	0	0	0	0	0	.	.
7	Irinjalakuda	0	0	0	0	0	0	0	.	.
8	Kodakara	0	0	0	0	0	0	0	.	.
9	Mala	0	0	0	2	2	0	2	2.	.
10	Mathilakom	0	0	0	0	0	0	0	.	.
11	Mullassery	0	0	0	0	0	0	0	.	.
12	Ollukkara	0	0	0	0	0	0	0	.	.
13	Pazhayannur	0	0	0	0	0	0	0	.	.
14	Puzhackal	0	0	0	0	0	0	0	.	.
15	Thalikulam	0	0	0	0	0	0	0	.	.
16	Vadakancerry	0	0	0	0	0	0	0	.	.
17	Vellangallur	0	0	0	0	0	0	0	.	.
Total :		1	1	0	2	2	0	3	3.	.

**Table. V
NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME**

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs.10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anthikkad	678	776	6	1	0	0	1461	17	31	6	1	1	0	56
2	Chalakkudy	375	671	183	51	2	0	1282	35	88	7	21	2	4	157
3	Chavakkad	192	543	73	0	0	0	808	2	26	6	1	2	1	38
4	Cherpu	603	746	13	11	0	0	1373	84	21	4	25	1	0	135
5	Chowannur	640	1782	47	13	2	1	2485	76	27	18	9	2	0	132
6	Corporation /Municipality	415	974	591	6	0	0	1986	83	171	15	8	6	6	289
7	Irinjalakuda	71	508	402	0	1	1	983	22	24	48	25	3	5	127
8	Kodakara	553	1058	45	26	1	1	1684	140	70	6	10	0	1	227
9	Mala	223	603	245	1	0	0	1072	0	35	17	21	1	11	85
10	Mathilakom	117	1186	43	2	0	1	1349	288	796	9	1	0	0	1094
11	Mullassery	149	953	57	1	0	0	1160	18	26	16	10	5	7	82
12	Ollukkara	200	1263	38	6	2	0	1509	36	141	10	5	3	5	200
13	Pazhayannur	158	556	115	7	0	0	836	213	135	6	7	0	1	362
14	Puzhackal	512	1178	101	9	0	0	1800	26	125	135	16	1	3	306
15	Thalikulam	172	1104	2	13	0	0	1291	143	23	1	0	0	0	167
16	Vadakancerry	1188	1111	66	7	0	0	2372	32	63	6	7	1	0	109
17	Vellangallur	146	1360	113	37	0	0	1656	23	43	17	1	2	0	86
Total :		6392	16372	2140	191	8	4	25107	1238	1845	327	168	30	44	3652

**Table. V (Continued...)
NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME**

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Anthikkad	695	807	12	2	1	0	1517
2	Chalakkudy	410	759	190	72	4	4	1439
3	Chavakkad	194	569	79	1	2	1	846
4	Cherpu	687	767	17	36	1	0	1508
5	Chowannur	716	1809	65	22	4	1	2617
6	Corporation /Municipality	498	1145	606	14	6	6	2275
7	Irinjalakuda	93	532	450	25	4	6	1110
8	Kodakara	693	1128	51	36	1	2	1911
9	Mala	223	638	262	22	1	11	1157
10	Mathilakom	405	1982	52	3	0	1	2443
11	Mullassery	167	979	73	11	5	7	1242
12	Ollukkara	236	1404	48	11	5	5	1709
13	Pazhayannur	371	691	121	14	0	1	1198
14	Puzhackal	538	1303	236	25	1	3	2106
15	Thalikulam	315	1127	3	13	0	0	1458
16	Vadakancerry	1220	1174	72	14	1	0	2481
17	Vellangallur	169	1403	130	38	2	0	1742
Total :		7630	18217	2467	359	38	48	28759

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : THRISSUR

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anthikkad	4	21	389	7	420	0	507	174	306	987	4	528	562	313	1408
2	Chalakkudy	7	71	496	58	632	30	362	965	345	1703	37	433	1461	404	2335
3	Chavakkad	5	7	253	13	279	75	80	481	330	966	80	87	734	343	1244
4	Cherpu	33	25	299	21	378	61	764	1017	99	1941	95	789	1316	120	2319
5	Chowannur	7	6	632	34	679	494	625	401	584	2105	501	631	1033	619	2784
6	Corporation /Municipality	41	33	538	8	620	180	116	637	113	1046	221	149	1175	122	1666
7	Irinjalakuda	83	2	209	65	359	972	322	528	717	2538	1055	324	737	782	2897
8	Kodakara	98	110	1048	86	1343	297	230	509	161	1196	396	339	1557	247	2539
9	Mala	48	47	396	16	507	147	306	1412	178	2042	195	353	1808	194	2549
10	Mathilakom	14	13	326	27	380	2	15	271	12	300	16	27	597	39	680
11	Mullassery	0	5	283	25	313	0	170	65	1335	1570	0	175	348	1360	1883
12	Ollukkara	0	32	1274	45	1351	0	63	231	46	340	1	96	1504	90	1691
13	Pazhayannur	34	62	334	17	447	151	695	219	15	1081	185	757	554	32	1528
14	Puzhackal	87	33	537	67	725	76	1053	155	71	1354	163	1086	692	138	2079
15	Thalikulam	0	2	360	2	364	0	0	68	1	69	0	2	428	3	433
16	Vadakancerry	135	8	736	26	905	1451	548	32	117	2147	1586	556	767	143	3052
17	Vellangallur	0	20	454	64	539	26	343	465	162	996	26	363	919	226	1535
Total :		596	495	8566	583	10240	3963	6200	7627	4592	22381	4558	6695	16193	5175	32621

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : THRISSUR

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	6	47	109	25	188	0	0	9	0	9	6	47	118	25	196
3	Chavakkad	2	3	40	3	48	0	0	1	0	1	2	3	40	3	49
4	Cherpu	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1
5	Chowannur	0	0	27	0	27	50	52	0	209	312	50	52	28	209	339
6	Corporation /Municipality	40	30	102	0	171	20	20	377	0	417	60	50	479	0	588
7	Irinjalakuda	0	0	0	0	0	200	120	0	457	777	200	120	0	457	777
8	Kodakara	0	2	33	1	36	0	126	6	127	259	0	128	39	128	295
9	Mala	3	10	36	1	50	38	29	24	16	107	41	38	60	17	157
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	68	3	71	0	44	46	1197	1287	0	44	114	1200	1358
12	Ollukkara	0	15	402	14	431	0	0	0	0	0	0	15	402	14	431
13	Pazhayannur	0	0	12	0	12	8	4	7	0	18	8	4	18	0	30
14	Puzhackal	1	0	46	1	48	63	35	38	5	141	64	35	85	5	189
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	1	0	1	215	152	0	46	413	215	152	1	46	414
17	Vellangallur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		52	107	878	48	1084	594	581	507	2057	3740	646	688	1385	2105	4824

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : THRISSUR

(In Nos.)

Sl .No	Block	Ground Water Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)		
1	Anthikkad	49	1399	0	0	1	1449	9	0	0	3	12	1461
2	Chalakkudy	30	1246	1	0	1	1278	3	0	0	0	3	1281
3	Chavakkad	11	789	7	0	1	808	0	0	0	0	0	808
4	Cherpu	30	1321	0	0	6	1357	11	0	0	5	16	1373
5	Chowannur	419	2043	0	0	11	2473	5	0	0	7	12	2485
6	Corporation /Municipality	95	1885	4	0	0	1984	2	0	0	0	2	1986
7	Irinjalakuda	12	937	33	0	1	983	0	0	0	0	0	983
8	Kodakara	146	1488	1	0	42	1677	7	0	0	0	7	1684
9	Mala	223	848	0	0	0	1071	1	0	0	0	1	1072
10	Mathilakom	195	1149	2	0	3	1349	0	0	0	0	0	1349
11	Mullassery	27	1133	0	0	0	1160	0	0	0	0	0	1160
12	Ollukkara	64	1440	0	0	1	1505	4	0	0	0	4	1509
13	Pazhayannur	287	538	3	0	4	832	4	0	0	0	4	836
14	Puzhackal	191	1572	0	0	35	1798	2	0	0	0	2	1800
15	Thalikulam	3	1286	0	0	0	1289	2	0	0	0	2	1291
16	Vadakancerry	802	1279	0	0	1	2082	4	0	0	286	290	2372
17	Vellangallur	110	1536	0	0	0	1646	10	0	0	0	10	1656
Total :		2694	21889	51	0	107	24741	64	0	0	301	365	25106

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : THRISSUR

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											Total (20 + 25)
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)
1	Anthikkad	11	33	0	0	0	44	9	0	0	0	9	53
2	Chalakkudy	6	139	0	0	1	146	5	0	0	0	5	151
3	Chavakkad	0	38	0	0	0	38	0	0	0	0	0	38
4	Cherpu	2	63	0	0	2	67	6	0	0	3	9	76
5	Chowannur	4	45	0	0	0	49	1	0	2	0	3	52
6	Corporation /Municipality	3	252	4	0	0	259	2	0	0	0	2	261
7	Irinjalakuda	3	104	0	0	1	108	0	0	0	0	0	108
8	Kodakara	3	182	0	0	14	199	1	0	0	1	2	201
9	Mala	1	60	0	0	1	62	4	0	0	0	4	66
10	Mathilakom	7	1058	0	0	2	1067	12	0	0	0	12	1079
11	Mullassery	1	71	0	0	8	80	0	0	0	0	0	80
12	Ollukkara	41	140	0	0	0	181	4	1	0	0	5	186
13	Pazhayannur	17	187	0	0	2	206	2	0	0	0	2	208
14	Puzhackal	5	219	1	0	4	229	2	0	0	0	2	231
15	Thalikulam	1	158	0	0	0	159	2	0	0	0	2	161
16	Vadakancerry	3	38	0	0	3	44	0	0	0	1	1	45
17	Vellangallur	11	62	0	0	0	73	4	0	0	0	4	77
Total :		119	2849	5	0	38	3011	54	1	2	5	62	3073

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : THRISSUR

(In Nos.)

Sl.No.	Block	Ground Water Schemes															
		With one source of energy							With Two source of energy								Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)	
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Anthikkad	1453	2	0	0	0	0	1455	6	0	0	0	0	0	0	6	1461
2	Chalakkudy	1277	3	0	0	0	0	1280	1	0	0	0	0	0	0	1	1281
3	Chavakkad	807	0	0	0	0	0	807	1	0	0	0	0	0	0	1	808
4	Cherpu	1184	1	0	0	0	0	1185	2	0	0	0	0	0	186	188	1373
5	Chowannur	2461	8	0	0	1	8	2478	1	0	1	0	0	0	5	7	2485
6	Corporation /Municipality	1982	2	0	0	0	0	1984	2	0	0	0	0	0	0	2	1986
7	Irinjalakuda	981	0	0	0	0	0	981	2	0	0	0	0	0	0	2	983
8	Kodakara	1662	6	0	0	0	2	1670	5	0	0	0	0	0	9	14	1684
9	Mala	1069	2	0	0	0	0	1071	0	1	0	0	0	0	0	1	1072
10	Mathilakom	1343	2	0	0	0	3	1348	0	1	0	0	0	0	0	1	1349
11	Mullassery	1156	3	0	0	0	0	1159	1	0	0	0	0	0	0	1	1160
12	Ollukkara	1499	3	0	0	0	0	1502	7	0	0	0	0	0	0	7	1509
13	Pazhayannur	790	40	0	0	0	3	833	3	0	0	0	0	0	0	3	836
14	Puzhackal	1795	0	0	0	0	0	1795	5	0	0	0	0	0	0	5	1800
15	Thalikulam	1286	2	0	0	0	0	1288	2	1	0	0	0	0	0	3	1291
16	Vadakancerry	2077	1	0	0	0	0	2078	1	0	0	0	0	0	293	294	2372
17	Vellangallur	1655	0	1	0	0	0	1656	0	0	0	0	0	0	0	0	1656
Total :		24477	75	1	0	1	16	24570	39	3	1	0	0	0	493	536	25106

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : THRISSUR

(In Nos.)

Sl.No	Block	Surface Water Schemes (Surface Lift Scheme only)																
		With one source of energy							With two Source of Energy							Total (9+17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Anthikkad	52	1	0	0	0	0	53	0	0	0	0	0	0	0	0	0	53
2	Chalakkudy	150	1	0	0	0	0	151	0	0	0	0	0	0	0	0	0	151
3	Chavakkad	38	0	0	0	0	0	38	0	0	0	0	0	0	0	0	0	38
4	Cherpu	39	0	0	0	0	0	39	1	0	0	0	0	0	36	37	76	
5	Chowannur	51	0	0	0	0	0	51	1	0	0	0	0	0	0	1	52	
6	Corporation /Municipality	260	0	0	0	0	0	260	0	0	0	0	0	0	1	1	261	
7	Irinjalakuda	107	1	0	0	0	0	108	0	0	0	0	0	0	0	0	108	
8	Kodakara	197	3	0	0	0	1	201	0	0	0	0	0	0	0	0	201	
9	Mala	64	1	0	0	0	0	65	1	0	0	0	0	0	0	1	66	
10	Mathilakom	1075	0	2	0	0	1	1078	0	1	0	0	0	0	0	1	1079	
11	Mullassery	80	0	0	0	0	0	80	0	0	0	0	0	0	0	0	80	
12	Ollukkara	175	9	1	0	0	0	185	1	0	0	0	0	0	0	1	186	
13	Pazhayannur	182	17	0	0	0	1	200	8	0	0	0	0	0	0	8	208	
14	Puzhackal	229	0	0	0	1	0	230	1	0	0	0	0	0	0	1	231	
15	Thalikulam	161	0	0	0	0	0	161	0	0	0	0	0	0	0	0	161	
16	Vadakancerry	45	0	0	0	0	0	45	0	0	0	0	0	0	0	0	45	
17	Vellangallur	76	0	0	0	0	0	76	1	0	0	0	0	0	0	1	77	
Total :		2981	33	3	0	1	3	3021	14	1	0	0	0	0	37	52	3073	

**Table. X (A)
NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED**

State : KERALA, District : THRISSUR

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chowannur	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Irinjalakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kodakara	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Ollukkara	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	Pazhayannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Puzhackal	0	0	0	0	3	1	1	1	0	0	0	0	0	0	0	0
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Vellangallur	3	2	2	2	3	1	1	1	0	0	0	0	0	0	0	0
Total :		4	2	2	2	8	3	3	3	2	3	0	0	0	0	0	0

**Table. X (A) (Continued....)
NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED**

State : KERALA, District : THRISSUR

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	0	0	0	0	0	0	0	0	1	2	0	0
3	Chavakkad	0	0	0	0	1	0	0	0	1	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0
5	Chowannur	0	0	0	0	0	0	0	0	1	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
7	Irinjalakuda	0	0	0	0	0	0	0	0	0	0	0	0
8	Kodakara	1	0	0	0	0	0	0	0	3	1	1	1
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	0	0	0	0	0	0	0	0	0	0
12	Ollukkara	0	0	0	0	0	0	0	0	1	0	0	0
13	Pazhayannur	1	1	0	0	1	0	0	0	2	1	0	0
14	Puzhackal	0	0	0	0	0	0	0	0	3	1	1	1
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	0	0	0	0	0	0	0	0
17	Vellangallur	0	0	0	0	0	0	0	0	6	3	3	3
Total :		2	1	0	0	2	0	0	0	18	9	5	5

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THRISSUR

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chowannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0
7	Irinjalakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kodakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Ollukkara	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
13	Pazhayannur	1	121	121	121	0	0	0	0	0	0	0	0	0	0	0	0
14	Puzhackal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Vellangallur	1	0	0	0	2	1	1	1	0	0	0	0	0	0	0	0
Total :		2	122	122	122	3	1	1	1	1	1	1	1	0	0	0	0

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : THRISSUR

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chowannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
7	Irinjalakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Kodakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Ollukkara	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
13	Pazhayannur	0	0	0	0	0	0	0	0	0	0	0	0	1	121	121	121
14	Puzhackal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	Vellangallur	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1
Total :		0	0	0	0	0	0	0	0	0	0	0	0	6	123	123	123

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : THRISSUR

(Area in Ha)

SI No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Chalakkudy	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	.
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Chowannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Irinjalakuda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Kodakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
11	Mullassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
12	Ollukkara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
13	Pazhayannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
14	Puzhackal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
16	Vadakancerry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
17	Vellangallur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	.

**Table. XI (B)
NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS**

State : KERALA, District : THRISSUR

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anthikkad	0	.	0	.	0	.	0	0	0	.	0	.
2	Chalakkudy	0	.	0	.	0	.	0	0	0	.	0	.
3	Chavakkad	0	.	0	.	0	.	0	0	0	.	0	.
4	Cherpu	0	.	0	.	0	.	0	0	0	.	0	.
5	Chowannur	0	.	0	.	0	.	0	0	0	.	0	.
6	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
7	Irinjalakuda	0	.	0	.	0	.	0	0	0	.	0	.
8	Kodakara	0	.	0	.	0	.	0	0	0	.	0	.
9	Mala	1	.	0	.	0	.	0	0	1	.	2	.
10	Mathilakom	0	.	0	.	0	.	0	0	0	.	0	.
11	Mullassery	0	.	0	.	0	.	0	0	0	.	0	.
12	Ollukkara	0	.	0	.	0	.	0	0	0	.	0	.
13	Pazhayannur	0	.	0	.	0	.	0	0	0	.	0	.
14	Puzhackal	0	.	0	.	0	.	0	0	0	.	0	.
15	Thalikulam	0	.	0	.	0	.	0	0	0	.	0	.
16	Vadakancerry	0	.	0	.	0	.	0	0	0	.	0	.
17	Vellangallur	0	.	0	.	0	.	0	0	0	.	0	.
Total		1	.	0	.	0	.	0	0	1	.	2	.

**Table. XII (A)
NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL**

State : KERALA, District : THRISSUR

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anthikkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chalakkudy	0	0	6	0	0	0	0	0	1	0	0	0	7	0
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Chowannur	0	0	3	0	189	0	0	0	0	0	0	0	192	0
6	Corporation /Municipality	0	0	6	0	132	20	0	0	5	0	1	0	144	21
7	Irinjalakuda	0	0	7	0	165	15	0	0	0	0	9	0	181	15
8	Kodakara	0	0	1	0	0	0	0	0	0	0	0	0	1	0
9	Mala	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	0	0	0	0	0	0	0	0	0	0	1	0	1	0
12	Ollukkara	4	0	1	0	0	0	0	0	0	0	0	0	5	0
13	Pazhayannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Puzhackal	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	1	0	0	0	0	0	0	0	1	0
17	Vellangallur	0	0	8	0	11	0	0	0	0	0	1	0	20	0
Total :		4	0	32	1	498	35	0	0	6	0	12	0	552	37

**Table. XII (B)
NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL**

State : KERALA, District : THRISSUR

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anthikkad	2	0	0	0	2	51	0	0	0	0	0	0	0	0	4	51
2	Chalakkudy	1	0	1	1	0	0	0	0	0	0	0	0	0	0	2	1
3	Chavakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Cherpu	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0
5	Chowannur	0	0	1	0	4	2	1	3	0	0	0	0	0	0	6	5
6	Corporation /Municipality	0	0	7	0	10	84	0	0	0	0	0	0	4	10	21	94
7	Irinjalakuda	3	0	0	0	0	0	0	0	0	0	0	0	4	0	7	0
8	Kodakara	5	0	0	0	3	16	0	0	0	0	0	0	2	0	10	16
9	Mala	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
10	Mathilakom	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Mullassery	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
12	Ollukkara	1	0	4	5	0	0	0	0	0	0	0	0	0	0	5	5
13	Pazhayannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Puzhackal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Thalikulam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Vadakancerry	0	0	0	0	28	234	0	0	0	0	0	0	2	0	30	234
17	Vellangallur	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0
Total :		16	1	13	6	48	387	1	3	0	0	0	0	14	10	92	406

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anthikkad	0	5	4	166	175	1	1285	1286	1461
2	Chalakkudy	0	4	1	22	27	1	1254	1255	1282
3	Chavakkad	0	3	2	0	5	1	802	803	808
4	Cherpu	1	3	1	9	14	0	1359	1359	1373
5	Chowannur	4	2	9	29	44	0	2441	2441	2485
6	Corporation /Municipality	6	8	5	13	32	2	1952	1954	1986
7	Irinjalakuda	0	1	2	3	6	0	977	977	983
8	Kodakara	9	1	6	10	26	24	1634	1658	1684
9	Mala	0	0	0	2	2	0	1070	1070	1072
10	Mathilakom	4	1	2	4	11	0	1338	1338	1349
11	Mullassery	0	1	2	0	3	0	1157	1157	1160
12	Ollukkara	0	2	3	12	17	1	1491	1492	1509
13	Pazhayannur	3	2	7	4	16	1	819	820	836
14	Puzhackal	4	7	9	6	26	46	1728	1774	1800
15	Thalikulam	0	0	2	6	8	1	1282	1283	1291
16	Vadakancerry	4	1	1	3	9	0	2363	2363	2372
17	Vellangallur	3	2	1	5	11	3	1642	1645	1656
Total :		38	43	57	294	432	81	24594	24675	25107

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anthikkad	6	1	1	0	8	16	32	48	56
2	Chalakkudy	19	4	5	6	34	15	108	123	157
3	Chavakkad	0	1	0	0	1	8	29	37	38
4	Cherpu	6	0	8	4	18	31	86	117	135
5	Chowannur	13	5	21	0	39	48	45	93	132
6	Corporation /Municipality	8	0	6	1	15	14	260	274	289
7	Irinjalakuda	6	4	16	3	29	30	68	98	127
8	Kodakara	18	4	14	5	41	8	178	186	227
9	Mala	12	0	25	2	39	0	46	46	85
10	Mathilakom	3	0	3	0	6	0	1088	1088	1094
11	Mullassery	8	0	1	1	10	20	52	72	82
12	Ollukkara	4	2	4	5	15	8	177	185	200
13	Pazhayannur	5	0	26	2	33	10	319	329	362
14	Puzhackal	11	6	51	1	69	147	90	237	306
15	Thalikulam	0	0	0	0	0	0	167	167	167
16	Vadakancerry	11	0	22	9	42	33	34	67	109
17	Vellangallur	3	2	5	0	10	8	68	76	86
Total :		133	29	208	39	409	396	2847	3243	3652

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : THRISSUR

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Anthikkad	1194	47	7	0	37	1285	31	0	1	0	0	32
2	Chalakkudy	1170	72	8	2	2	1254	75	25	6	0	2	108
3	Chavakkad	750	25	20	0	7	802	13	5	9	1	1	29
4	Cherpu	1318	34	0	0	7	1359	67	16	3	0	0	86
5	Chowannur	2382	42	6	2	9	2441	38	3	2	1	1	45
6	Corporation /Municipality	1874	63	12	2	1	1952	231	22	6	0	1	260
7	Irinjalakuda	906	56	10	4	1	977	46	7	5	1	9	68
8	Kodakara	1489	120	7	5	13	1634	146	23	5	1	3	178
9	Mala	996	60	2	1	11	1070	26	16	3	0	1	46
10	Mathilakom	1308	23	3	2	2	1338	1062	24	0	1	1	1,088
11	Mullassery	1127	16	3	1	10	1157	46	4	2	0	0	52
12	Ollukkara	1150	134	108	86	13	1491	130	27	12	7	1	177
13	Pazhayannur	695	85	31	5	3	819	238	44	19	6	12	319
14	Puzhackal	1532	165	19	1	11	1728	70	6	1	2	11	90
15	Thalikulam	1245	28	6	0	3	1282	158	9	0	0	0	167
16	Vadakancerry	2216	124	15	0	8	2363	24	10	0	0	0	34
17	Vellangallur	1567	61	9	2	3	1642	53	9	2	2	2	68
Total :		22919	1155	266	113	141	24594	2454	250	76	22	45	2847

**Table. XV
MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER**

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Anthikkad	20	1	488	776	1285	176	1461	2	0	11	19	32	24	56
2	Chalakkudy	7	0	201	1046	1254	28	1282	1	0	28	79	108	49	157
3	Chavakkad	8	2	584	208	802	6	808	1	0	18	10	29	9	38
4	Cherpu	4	1	309	1045	1359	14	1373	0	0	20	66	86	49	135
5	Chowannur	22	6	565	1848	2441	44	2485	1	0	14	30	45	87	132
6	Corporation /Municipality	25	3	629	1295	1952	34	1986	1	1	165	93	260	29	289
7	Irinjalakuda	22	1	254	700	977	6	983	0	0	19	49	68	59	127
8	Kodakara	14	9	475	1136	1634	50	1684	1	0	75	102	178	49	227
9	Mala	7	3	352	708	1070	2	1072	1	0	18	27	46	39	85
10	Mathilakom	6	4	864	464	1338	11	1349	1	5	818	264	1088	6	1094
11	Mullassery	15	4	502	636	1157	3	1160	0	0	22	30	52	30	82
12	Ollukkara	24	8	414	1045	1491	18	1509	2	0	44	131	177	23	200
13	Pazhayannur	12	2	160	645	819	17	836	8	1	65	245	319	43	362
14	Puzhackal	24	38	571	1095	1728	72	1800	2	8	54	26	90	216	306
15	Thalikulam	14	30	586	652	1282	9	1291	0	3	138	26	167	0	167
16	Vadakancerry	44	18	513	1788	2363	9	2372	2	0	7	25	34	75	109
17	Vellangallur	18	5	974	645	1642	14	1656	2	1	38	27	68	18	86
Total :		286	135	8441	15732	24594	513	25107	25	19	1554	1249	2847	805	3652

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : THRISSUR

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anthikkad	4	3	1262	8	5	1282	0	0	0	1	0	0	2	3	1285
2	Chalakkudy	9	4	1056	3	15	1087	0	7	0	1	0	0	159	167	1254
3	Chavakkad	23	7	761	0	3	794	3	2	1	1	0	0	1	8	802
4	Cherpu	342	0	770	0	63	1175	3	0	0	0	0	0	181	184	1359
5	Chowannur	12	8	2127	0	10	2157	187	27	0	3	0	0	67	284	2441
6	Corporation /Municipality	6	7	1906	1	3	1923	5	24	0	0	0	0	0	29	1952
7	Irinjalakuda	8	1	961	0	4	974	1	0	1	0	0	0	1	3	977
8	Kodakara	123	2	1376	0	118	1619	9	0	0	1	0	0	5	15	1634
9	Mala	7	1	875	0	1	884	0	0	1	0	0	0	185	186	1070
10	Mathilakom	17	0	1289	0	1	1307	20	0	0	0	1	0	10	31	1338
11	Mullassery	13	1	1108	0	0	1122	4	27	1	3	0	0	0	35	1157
12	Ollukkara	149	1	922	0	0	1072	393	2	1	22	1	0	0	419	1491
13	Pazhayannur	68	2	715	1	8	794	23	0	0	0	0	0	2	25	819
14	Puzhackal	51	10	1567	7	3	1638	73	1	1	1	0	0	14	90	1728
15	Thalikulam	4	1	1271	0	2	1278	2	1	0	0	1	0	0	4	1282
16	Vadakancerry	10	4	1276	1	1	1292	323	616	0	111	0	0	21	1071	2363
17	Vellangallur	20	4	1600	0	1	1625	12	0	0	2	2	0	1	17	1642
Total :		866	56	20842	21	238	22023	1058	707	6	146	5	0	649	2571	24594

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anthikkad	0	0	30	0	0	30	1	1	0	0	0	0	0	2	32
2	Chalakkudy	0	2	104	0	0	106	0	1	0	0	0	1	0	2	108
3	Chavakkad	0	1	27	0	0	28	1	0	1	0	0	0	-1	1	29
4	Cherpu	0	0	50	0	0	50	0	0	0	0	0	0	36	36	86
5	Chowannur	0	0	42	0	2	44	0	0	0	0	0	0	1	1	45
6	Corporation /Municipality	4	3	247	0	1	255	3	2	0	0	0	0	0	5	260
7	Irinjalakuda	3	5	53	0	6	67	0	0	1	0	0	0	0	1	68
8	Kodakara	4	1	118	0	54	177	1	0	0	0	0	0	0	1	178
9	Mala	1	0	39	0	0	40	0	1	1	0	0	0	4	6	46
10	Mathilakom	11	1	1064	0	0	1076	1	0	0	1	0	0	10	12	1088
11	Mullassery	0	0	47	0	0	47	1	4	1	0	0	0	-1	5	52
12	Ollukkara	12	0	115	0	0	127	48	0	1	2	0	0	-1	50	177
13	Pazhayannur	13	5	263	0	31	312	4	1	0	0	0	0	2	7	319
14	Puzhackal	52	2	34	2	0	90	0	0	1	0	0	0	-1	0	90
15	Thalikulam	0	1	164	0	0	165	2	0	0	0	0	0	0	2	167
16	Vadakancerry	1	0	27	2	1	31	1	2	0	0	0	0	0	3	34
17	Vellangallur	0	2	63	0	2	67	1	0	0	0	0	0	0	1	68
Total :		101	23	2487	4	97	2712	64	12	6	3	0	1	49	135	2847

**Table. XVII (A)
MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES**

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Anthikkad	0	1454	1454	0	7	7	0	0	0	0	0	0	0	1461	1461
2	Chalakkudy	0	1277	1277	0	1	1	0	3	3	0	1	1	0	1282	1282
3	Chavakkad	0	539	539	0	265	265	0	1	1	0	3	3	0	808	808
4	Cherpu	0	1361	1361	0	3	3	0	5	5	0	4	4	0	1373	1373
5	Chowannur	0	2237	2237	0	104	104	0	119	119	0	25	25	0	2485	2485
6	Corporation /Municipality	0	1769	1769	0	153	153	0	39	39	0	25	25	0	1986	1986
7	Irinjalakuda	0	970	970	0	4	4	0	5	5	0	4	4	0	983	983
8	Kodakara	0	1665	1665	0	8	8	0	9	9	0	2	2	0	1684	1684
9	Mala	0	1058	1058	0	0	0	0	14	14	0	0	0	0	1072	1072
10	Mathilakom	0	452	452	0	867	867	0	14	14	0	16	16	0	1349	1349
11	Mullassery	0	1148	1148	0	2	2	0	10	10	0	0	0	0	1160	1160
12	Ollukkara	0	1450	1450	0	10	10	0	36	36	0	13	13	0	1509	1509
13	Pazhayannur	0	535	535	0	57	57	0	200	200	0	44	44	0	836	836
14	Puzhackal	0	1721	1721	0	14	14	0	23	23	0	42	42	0	1800	1800
15	Thalikulam	0	590	590	0	693	693	0	8	8	0	0	0	0	1291	1291
16	Vadakancerry	0	2306	2306	0	20	20	0	24	24	0	22	22	0	2372	2372
17	Vellangallur	0	1638	1638	0	12	12	0	5	5	0	1	1	0	1656	1656
Total :		0	22170	22170	0	2220	2220	0	515	515	0	202	202	0	25107	25107

**Table. XVII (B)
MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES**

State : KERALA, District : THRISSUR

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Anthikkad	0	3	3	0	53	53	0	56	56
2	Chalakkudy	0	6	6	0	151	151	0	157	157
3	Chavakkad	0	0	0	0	38	38	0	38	38
4	Cherpu	0	59	59	0	76	76	0	135	135
5	Chowannur	0	80	80	0	52	52	0	132	132
6	Corporation /Municipality	0	28	28	0	261	261	0	289	289
7	Irinjalakuda	0	19	19	0	108	108	0	127	127
8	Kodakara	0	26	26	0	201	201	0	227	227
9	Mala	0	17	17	0	68	68	0	85	85
10	Mathilakom	0	15	15	0	1079	1079	0	1094	1094
11	Mullassery	0	2	2	0	80	80	0	82	82
12	Ollukkara	0	14	14	0	186	186	0	200	200
13	Pazhayannur	0	154	154	0	208	208	0	362	362
14	Puzhackal	0	75	75	0	231	231	0	306	306
15	Thalikulam	0	6	6	0	161	161	0	167	167
16	Vadakancerry	0	64	64	0	45	45	0	109	109
17	Vellangallur	0	9	9	0	77	77	0	86	86
Total :		0	577	577	0	3075	3075	0	3652	3652

**Table. XVIII(A)
NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION
DEVICE**

State : KERALA, District : THRISSUR

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Anthikkad	245	63	915	262	153	59	139	33	6	2	2	0	1	0	1461	420
2	Chalakkudy	301	143	685	346	45	24	238	112	2	2	7	3	2	2	1280	632
3	Chavakkad	67	10	490	161	238	105	11	2	0		0		1	0	807	278
4	Cherpu	1	0	1295	357	55	14	13	4	0		2	1	7	2	1373	378
5	Chowannur	80	17	1999	569	43	10	313	70	5	1	42	11	2	0	2484	678
6	Corporation /Municipality	24	10	1053	380	449	124	445	102	3	2	10	3	2	1	1986	620
7	Irinjalakuda	45	17	406	159	178	60	344	117	1	1	8	5	1	1	983	359
8	Kodakara	232	91	1110	821	26	280	256	129	14	3	31	15	12	3	1681	1342
9	Mala	214	67	282	114	226	97	348	227	1	1	1	1	0		1072	507
10	Mathilakom	13	11	10	3	754	238	559	125	1	0	9	3	3	1	1349	380
11	Mullassery	12	4	888	230	206	61	48	13	2	2	3	2	1	0	1160	313
12	Ollukkara	335	108	1038	1195	15	8	20	10	4	1	2	1	94	28	1508	1351
13	Pazhayannur	43	32	501	281	15	12	175	71	9	5	88	47	3	0	834	447
14	Puzhackal	45	25	1345	513	32	24	357	152	5	5	13	5	0		1797	724
15	Thalikulam	295	63	159	36	358	90	459	168	0		18	6	2	1	1291	364
16	Vadakancerry	28	11	1985	732	31	22	299	130	7	3	15	5	7	3	2372	905
17	Vellangallur	26	9	240	113	342	94	1022	314	3	1	2	2	15	4	1650	536
Total :		2006	681	14401	6273	3166	1322	5046	1778	63	27	253	109	153	45	25088	10235

**Table. XVIII (B)
NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION
DEVICE**

State : KERALA, District : THRISSUR

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System																	
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total			
		Lined/Pucca		Unlined/kutchcha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU														
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Anthikkad	14	454	24	501	16	32	2	0	0	0	0	0	0	0	56	987		
2	Chalakkudy	28	1115	100	360	5	13	19	111	1	2	2	41	2	61	157	1703		
3	Chavakkad	3	0	34	964	1	2	0		0	0	0	0	0	0	38	966		
4	Cherpu	6	614	117	1281	2	1	0		0	0	0	0	10	46	135	1941		
5	Chowannur	18	295	97	1637	0	0	10	62	0	0	3	1	4	110	132	2105		
6	Corporation /Municipality	8	356	74	492	162	175	35	8	2	1	3	1	4	12	288	1045		
7	Irinjalakuda	8	355	55	1370	14	72	49	725	0	0	0	0	1	16	127	2538		
8	Kodakara	18	181	160	619	10	20	28	300	2	1	5	5	4	71	227	1196		
9	Mala	12	573	48	336	16	853	3	2	0	0	3	3	1	275	83	2042		
10	Mathilakom	8	11	4	1	280	83	774	190	0	0	27	13	1	1	1094	300		
11	Mullassery	3	1	65	1563	9	4	3	1	0	0	2	0	0	0	82	1570		
12	Ollukkara	75	59	113	167	2	35	9	79	0	0	0	0	0	0	199	340		
13	Pazhayannur	21	59	256	855	7	5	50	24	0	0	18	13	9	4	361	960		
14	Puzhackal	3	6	288	1287	1	1	11	58	0	0	2	1	1	1	306	1354		
15	Thalikulam	0	0	5	3	2	0	138	57	0	0	22	8	0	0	167	69		
16	Vadakancerry	9	340	60	1352	0	0	38	365	0	0	0	0	2	91	109	2147		
17	Vellangallur	3	17	48	949	15	9	16	18	0	0	0	0	1	1	83	994		
Total :		237	4436	1548	13737	542	1307	1185	2000	5	5	87	87	40	687	3644	22257		

PALAKKAD

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : PALAKKAD

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Alathur	8	217	47	225	127	616	0	185	185	801
2	Attappady	3	6	0	0	13	19	0	103	103	122
3	Chittur	7	190	19	62	131	402	26	76	102	504
4	Corporation /Municipality	4	163	5	14	33	215	42	65	107	322
5	Kollengoe	7	143	77	74	220	514	29	127	156	670
6	Kuzhalmannam	7	141	50	78	75	344	60	178	238	582
7	Malampuzha	6	87	58	71	38	254	19	82	101	355
8	Mannarkkad	9	215	28	34	8	285	194	237	431	716
9	Nenmara	7	142	8	75	90	315	3	118	121	436
10	Ottappalam	8	310	18	13	50	391	37	155	192	583
11	Palakkad	7	153	47	32	29	261	8	78	86	347
12	Pattambi	8	354	107	40	36	537	8	58	66	603
13	Sreekrishnapuram	7	307	39	13	4	363	51	219	270	633
14	Thrithala	7	697	69	24	5	795	204	77	281	1076
Total :		95	3125	572	755	859	5311	681	1758	2439	7750

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : PALAKKAD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	613	653	828	817	185	279	380	363	798	932	1208	1180
2	Attappady	19	29	28	28	102	206	167	167	121	235	195	195
3	Chittur	402	586	689	689	102	129	156	156	504	715	845	845
4	Corporation /Municipality	215	161	229	225	96	770	796	639	311	930	1025	864
5	Kollengoe	513	1645	909	901	154	382	594	584	667	2027	1502	1485
6	Kuzhalmannam	344	286	411	411	236	562	1050	1050	580	848	1461	1461
7	Malampuzha	254	297	469	469	101	850	1551	1500	355	1146	2021	1969
8	Mannarkkad	283	204	213	207	425	1676	1456	1413	708	1880	1669	1620
9	Nenmara	315	1297	426	426	119	257	295	295	434	1555	721	721
10	Ottappalam	391	247	304	288	186	786	1363	1290	577	1033	1667	1578
11	Palakkad	258	245	249	249	86	471	690	690	344	716	939	939
12	Pattambi	537	4401	615	610	66	434	827	502	603	4835	1442	1112
13	Sreekrishnapuram	363	194	258	257	270	504	518	518	633	698	776	775
14	Thrithala	791	622	473	470	279	1045	1015	993	1070	1667	1488	1463
Total :		5298	10866	6102	6047	2407	8351	10858	10160	7705	19217	16960	16207

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : PALAKKAD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	3	4	5	5	0	0	0		3	4	5	5
2	Attappady	0	0	0		1	2	2	2	1	2	2	2
3	Chittur	0	0	0		0	0	0		0	0	0	0
4	Corporation /Municipality	0	0	0		11	312	522	508	11	312	522	508
5	Kollengoe	0	0	0		2	7	13	13	2	7	13	13
6	Kuzhalmannam	0	0	0		0	0	0		0	0	0	0
7	Malampuzha	0	0	0		0	0	0		0	0	0	0
8	Mannarkkad	2	1	1	1	5	4	3	3	7	4	4	4
9	Nenmara	0	0	0		1	0	0	0	1	0	0	0
10	Ottappalam	0	0	0		6	183	323	323	6	183	323	323
11	Palakkad	3	4	6	6	0	0	0		3	4	6	6
12	Pattambi	0	0	0		0	0	0		0	0	0	0
13	Sreekrishnapuram	0	0	0		0	0	0		0	0	0	0
14	Thrithala	2	2	1	1	1	4	0	0	3	6	1	1
Total :		10	10	13	13	27	512	863	848	37	522	875	861

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : PALAKKAD

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alathur	0	0	0	0	0	0	0	.	.
2	Attappady	0	0	0	0	0	0	0	.	.
3	Chittur	0	0	0	0	0	0	0	.	.
4	Corporation /Municipality	0	0	0	0	0	0	0	.	.
5	Kollengoe	1	0.3	0.3	0	0	0	1	.3	.3
6	Kuzhalmannam	0	0	0	2	0.8	0	2	.8	.
7	Malampuzha	0	0	0	0	0	0	0	.	.
8	Mannarkkad	0	0	0	1	1.01	1.01	1	1.01	1.01
9	Nenmara	0	0	0	1	0.1	0	1	.1	.
10	Ottappalam	0	0	0	0	0	0	0	.	.
11	Palakkad	0	0	0	0	0	0	0	.	.
12	Pattambi	0	0	0	0	0	0	0	.	.
13	Sreekrishnapuram	0	0	0	0	0	0	0	.	.
14	Thrithala	2	1.5	0	1	0.47	0.47	3	1.97	.47
Total :		3	1.8	0.3	5	2.38	1.48	8	4.18	1.78

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alathur	9	429	64	113	1	0	616	38	59	33	55	0	0	185
2	Attappady	0	2	12	5	0	0	19	27	44	32	0	0	0	103
3	Chittur	2	164	175	61	0	0	402	62	25	13	2	0	0	102
4	Corporation /Municipality	24	185	6	0	0	0	215	22	43	11	28	2	1	107
5	Kollengoe	11	203	257	39	4	0	514	75	64	8	6	1	2	156
6	Kuzhalmannam	14	268	56	6	0	0	344	132	70	24	12	0	0	238
7	Malampuzha	0	154	64	36	0	0	254	23	26	31	19	1	1	101
8	Mannarkkad	7	159	89	30	0	0	285	286	94	27	23	1	0	431
9	Nenmara	8	213	92	2	0	0	315	31	56	26	3	1	4	121
10	Ottappalam	2	195	124	70	0	0	391	114	55	16	6	0	1	192
11	Palakkad	8	183	59	10	1	0	261	22	44	11	7	1	1	86
12	Pattambi	20	364	141	11	1	0	537	27	19	2	16	0	2	66
13	Sreekrishnapuram	6	191	143	23	0	0	363	154	55	29	31	1	0	270
14	Thrithala	148	528	108	10	0	1	795	154	113	10	2	0	2	281
Total :		259	3238	1390	416	7	1	5311	1167	767	273	210	8	14	2439

Table. V (Continued....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Alathur	47	488	97	168	1	0	801
2	Attappady	27	46	44	5	0	0	122
3	Chittur	64	189	188	63	0	0	504
4	Corporation /Municipality	46	228	17	28	2	1	322
5	Kollengoe	86	267	265	45	5	2	670
6	Kuzhalmannam	146	338	80	18	0	0	582
7	Malampuzha	23	180	95	55	1	1	355
8	Mannarkkad	293	253	116	53	1	0	716
9	Nenmara	39	269	118	5	1	4	436
10	Ottappalam	116	250	140	76	0	1	583
11	Palakkad	30	227	70	17	2	1	347
12	Pattambi	47	383	143	27	1	2	603
13	Sreekrishnapuram	160	246	172	54	1	0	633
14	Thrithala	302	641	118	12	0	3	1076
Total :		1426	4005	1663	626	15	15	7750

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : PALAKKAD

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alathur	219	248	349	6	822	114	141	103	5	363	333	389	452	12	1186
2	Attappady	0	2	26	0	28	0	8	153	8	169	0	10	179	8	197
3	Chittur	207	221	253	9	689	37	48	66	6	156	243	269	318	15	845
4	Corporation /Municipality	59	72	82	11	225	258	704	75	110	1146	317	776	157	121	1371
5	Kollengoe	259	461	170	11	901	284	286	26	2	597	543	747	195	13	1498
6	Kuzhalmannam	133	158	118	2	411	502	502	46	0	1050	634	660	164	2	1461
7	Malampuzha	167	174	114	14	469	660	662	138	40	1500	827	836	252	53	1969
8	Mannarkkad	20	49	133	6	208	375	563	388	90	1417	395	612	521	96	1625
9	Nenmara	122	180	113	11	426	43	91	151	10	295	165	271	264	21	721
10	Ottappalam	60	95	126	6	288	710	788	111	4	1613	770	884	237	11	1901
11	Palakkad	57	70	125	4	256	228	393	68	1	690	285	463	193	4	945
12	Pattambi	228	254	100	28	610	290	122	4	86	502	518	376	104	114	1112
13	Sreekrishnapuram	81	81	91	4	257	164	140	211	3	518	245	221	302	7	775
14	Thrithala	52	81	323	14	471	180	760	29	25	993	232	840	353	39	1464
Total :		1665	2146	2123	126	6060	3843	5208	1568	390	11008	5508	7354	3691	516	17069

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : PALAKKAD

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alathur	170	187	215	4	576	85	91	55	3	234	255	278	269	7	810
2	Attappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chittur	176	181	128	3	488	35	38	53	5	131	211	219	182	8	620
4	Corporation /Municipality	59	62	31	0	152	256	426	59	0	741	315	488	91	0	894
5	Kollengoe	192	394	91	9	686	284	284	23	2	593	476	678	114	11	1279
6	Kuzhalmannam	85	95	77	0	258	233	233	8	0	474	318	329	84	1	731
7	Malampuzha	134	139	88	12	372	539	541	111	15	1207	673	680	199	27	1579
8	Mannarkkad	0	1	32	0	34	343	515	254	86	1198	343	517	286	86	1232
9	Nenmara	118	177	107	11	412	42	87	47	10	187	160	264	154	21	600
10	Ottappalam	23	27	31	5	86	5	5	67	1	78	27	33	98	6	164
11	Palakkad	31	33	23	1	88	184	184	13	0	382	216	217	36	1	470
12	Pattambi	1	1	1	0	2	5	5	0	0	10	5	6	1	0	12
13	Sreekrishnapuram	8	6	22	0	36	37	29	116	1	182	45	35	137	1	218
14	Thrithala	0	0	4	0	5	55	30	0	0	85	55	30	4	0	90
Total :		998	1304	848	45	3194	2103	2471	807	122	5502	3101	3774	1655	167	8696

**Table. VIII (A)
MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING
DEVICES**

State : KERALA, District : PALAKKAD

(In Nos.)

Sl .No	Block	Ground Water Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	458	146	1	0	8	613	3	0	0	0	3	616
2	Attappady	11	8	0	0	0	19	0	0	0	0	0	19
3	Chittur	211	190	0	0	0	401	1	0	0	0	1	402
4	Corporation /Municipality	60	154	0	0	0	214	1	0	0	0	1	215
5	Kollengoe	149	356	0	1	1	507	5	0	0	1	6	513
6	Kuzhalmannam	181	158	0	0	4	343	1	0	0	0	1	344
7	Malampuzha	139	100	0	0	0	239	9	0	0	6	15	254
8	Mannarkkad	129	139	0	16	0	284	1	0	0	0	1	285
9	Nenmara	169	143	1	0	0	313	1	0	0	1	2	315
10	Ottappalam	124	259	1	6	0	390	1	0	0	0	1	391
11	Palakkad	120	141	0	0	0	261	0	0	0	0	0	261
12	Pattambi	124	409	0	0	0	533	2	0	0	2	4	537
13	Sreekrishnapuram	62	297	0	0	4	363	0	0	0	0	0	363
14	Thrithala	118	569	0	0	1	688	105	0	0	0	105	793
Total :		2055	3069	3	23	18	5168	130	0	0	10	140	5308

Table. VIII (B)
MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : PALAKKAD

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8 + 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	12	169	0	0	1	182	3	0	0	0	3	185
2	Attappady	4	96	0	0	2	102	1	0	0	0	1	103
3	Chittur	20	54	0	0	0	74	2	0	0	0	2	76
4	Corporation /Municipality	5	59	1	0	0	65	0	0	0	0	0	65
5	Kollengoe	8	88	0	0	29	125	2	0	0	0	2	127
6	Kuzhalmannam	9	163	0	0	3	175	1	0	0	0	1	176
7	Malampuzha	9	68	0	0	0	77	1	0	0	4	5	82
8	Mannarkkad	89	142	0	0	6	237	0	0	0	0	0	237
9	Nenmara	22	89	1	0	2	114	1	1	1	0	3	117
10	Ottappalam	10	145	0	0	0	155	0	0	0	0	0	155
11	Palakkad	4	74	0	0	0	78	0	0	0	0	0	78
12	Pattambi	3	52	0	0	0	55	1	0	2	0	3	58
13	Sreekrishnapuram	23	194	0	0	0	217	2	0	0	0	2	219
14	Thrithala	1	73	1	0	0	75	2	0	0	0	2	77
Total :		219	1466	3	0	43	1731	16	1	3	4	24	1755

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : PALAKKAD

(In Nos.)

Sl.No.	Block	Ground Water Schemes															Total (9 + 17)
		With one source of energy							With Two source of energy							Total (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Alathur	614	1	0	0	0	0	615	1	0	0	0	0	0	0	1	616
2	Attappady	19	0	0	0	0	0	19	0	0	0	0	0	0	0	0	19
3	Chittur	401	1	0	0	0	0	402	0	0	0	0	0	0	0	0	402
4	Corporation /Municipality	212	3	0	0	0	0	215	0	0	0	0	0	0	0	0	215
5	Kollengoe	501	8	0	0	1	0	510	3	0	0	0	0	0	0	3	513
6	Kuzhalmannam	334	5	0	0	0	2	341	3	0	0	0	0	0	0	3	344
7	Malampuzha	243	3	0	0	0	0	246	7	0	0	0	0	0	1	8	254
8	Mannarkkad	268	1	0	0	16	0	285	0	0	0	0	0	0	0	0	285
9	Nenmara	313	2	0	0	0	0	315	0	0	0	0	0	0	0	0	315
10	Ottappalam	376	7	0	0	6	1	390	0	1	0	0	0	0	0	1	391
11	Palakkad	257	4	0	0	0	0	261	0	0	0	0	0	0	0	0	261
12	Pattambi	534	2	0	0	0	0	536	1	0	0	0	0	0	0	1	537
13	Sreekrishnapuram	357	4	0	0	0	1	362	1	0	0	0	0	0	0	1	363
14	Thrithala	786	3	1	1	0	0	791	2	0	0	0	0	0	0	2	793
Total :		5215	44	1	1	23	4	5288	18	1	0	0	0	0	1	20	5308

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : PALAKKAD

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)
		With one source of energy							With two Source of Energy							Toatl (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)		
1	Alathur	162	22	0	0	0	0	184	1	0	0	0	0	0	0	1	185
2	Attappady	101	0	1	0	0	0	102	1	0	0	0	0	0	0	1	103
3	Chittur	74	0	2	0	0	0	76	0	0	0	0	0	0	0	0	76
4	Corporation /Municipality	62	3	0	0	0	0	65	0	0	0	0	0	0	0	0	65
5	Kollengoe	80	19	0	0	0	27	126	1	0	0	0	0	0	0	1	127
6	Kuzhalmannam	139	35	0	0	0	0	174	2	0	0	0	0	0	0	2	176
7	Malampuzha	77	1	0	0	0	0	78	3	0	0	0	0	0	1	4	82
8	Mannarkkad	229	7	0	0	0	0	236	1	0	0	0	0	0	0	1	237
9	Nenmara	105	8	0	0	1	0	114	3	0	0	0	0	0	0	3	117
10	Ottappalam	141	13	0	0	0	0	154	0	0	0	0	0	0	1	1	155
11	Palakkad	66	7	0	0	0	0	73	5	0	0	0	0	0	0	5	78
12	Pattambi	58	0	0	0	0	0	58	0	0	0	0	0	0	0	0	58
13	Sreekrishnapuram	215	0	0	0	0	4	219	0	0	0	0	0	0	0	0	219
14	Thrithala	63	13	0	0	0	1	77	0	0	0	0	0	0	0	0	77
Total :		1572	128	3	0	1	32	1736	17	0	0	0	0	0	2	19	1755

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PALAKKAD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alathur	2	3	4	4	0	0	0	0	1	1	1	1	0	0	0	0
2	Attappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Chittur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kollengoe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kuzhalmannam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Malampuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mannarkkad	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1
9	Nenmara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ottappalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Palakkad	2	4	6	6	0	0	0	0	1	0	0	0	0	0	0	0
12	Pattambi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sreekrishnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thrithala	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Total :		4	7	10	10	0	0	0	0	2	1	1	1	3	1	1	1

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PALAKKAD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Alathur	0	0	0	0	0	0	0	0	3	4	5	5
2	Attappady	0	0	0	0	0	0	0	0	0	0	0	0
3	Chittur	0	0	0	0	0	0	0	0	0	0	0	0
4	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
5	Kollengoe	0	0	0	0	0	0	0	0	0	0	0	0
6	Kuzhalmannam	0	0	0	0	0	0	0	0	0	0	0	0
7	Malampuzha	0	0	0	0	0	0	0	0	0	0	0	0
8	Mannarkkad	0	0	0	0	0	0	0	0	2	1	1	1
9	Nenmara	0	0	0	0	0	0	0	0	0	0	0	0
10	Ottappalam	0	0	0	0	0	0	0	0	0	0	0	0
11	Palakkad	0	0	0	0	0	0	0	0	3	4	6	6
12	Pattambi	0	0	0	0	0	0	0	0	0	0	0	0
13	Sreekrishnapuram	0	0	0	0	0	0	0	0	0	0	0	0
14	Thrithala	0	0	0	0	1	1	1	1	2	2	1	1
Total :		0	0	0	0	1	1	1	1	10	10	13	13

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PALAKKAD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alathur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Attappady	1	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0
3	Chittur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Corporation /Municipality	3	26	32	32	3	251	455	453	0	0	0	0	5	35	35	23
5	Kollengoe	0	0	0	0	1	1	2	2	0	0	0	0	0	0	0	0
6	Kuzhalmannam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Malampuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mannarkkad	1	0	0	0	0	0	0	0	4	3	3	3	0	0	0	0
9	Nenmara	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Ottappalam	0	0	0	0	4	143	284	284	0	0	0	0	0	0	0	0
11	Palakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Pattambi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sreekrishnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thrithala	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		7	33	35	35	8	394	741	739	4	3	3	3	5	35	35	23

Table. X (B) (Continued.....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : PALAKKAD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Alathur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Attappady	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	2
3	Chittur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	11	312	522	508
5	Kollengoe	0	0	0	0	0	0	0	0	1	6	11	11	2	7	13	13
6	Kuzhalmannam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Malampuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Mannarkkad	0	0	0	0	0	0	0	0	0	0	0	0	5	4	3	3
9	Nenmara	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
10	Ottappalam	0	0	0	0	1	16	16	16	1	24	22	22	6	183	323	323
11	Palakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Pattambi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Sreekrishnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thrithala	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0	0
Total :		0	0	0	0	1	16	16	16	2	30	33	33	27	512	863	848

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : PALAKKAD

(Area in Ha)

Sl. No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Alathur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Attappady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Chittur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Kollengoe	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0
6	Kuzhalmannam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Malampuzha	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Mannarkkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
9	Nenmara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
10	Ottappalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
11	Palakkad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
12	Pattambi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
13	Sreekrishnapuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
14	Thrithala	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	2	.
Total		0	0	1	0	1	0	0	0	0	0	0	0	1	0	3	0	

**Table XI(B)
NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS**

State : KERALA, District : PALAKKAD

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	0	.	0	.	0	.	0	0	0	.	0	.
2	Attappady	0	.	0	.	0	.	0	0	0	.	0	.
3	Chittur	0	.	0	.	0	.	0	0	0	.	0	.
4	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
5	Kollengoe	0	.	0	.	0	.	0	0	0	.	0	.
6	Kuzhalmannam	0	.	2	.	0	.	0	0	0	.	2	.
7	Malampuzha	0	.	0	.	0	.	0	0	0	.	0	.
8	Mannarkkad	0	.	0	.	1	1	0	0	0	.	1	1
9	Nenmara	0	.	0	.	1	.	0	0	0	.	1	.
10	Ottappalam	0	.	0	.	0	.	0	0	0	.	0	.
11	Palakkad	0	.	0	.	0	.	0	0	0	.	0	.
12	Pattambi	0	.	0	.	0	.	0	0	0	.	0	.
13	Sreekrishnapuram	0	.	0	.	0	.	0	0	0	.	0	.
14	Thrithala	1	0	0	.	0	.	0	0	0	.	1	0
Total		1	0	2	.	2	1	0	0	0	.	5	1

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : PALAKKAD

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alathur	0	.	0	.	0	.	0	.	0	.	0	.	0	.
2	Attappady	0	.	0	.	0	.	0	.	0	.	0	.	0	.
3	Chittur	0	.	0	.	0	.	0	.	0	.	0	.	0	.
4	Corporation /Municipality	0	.	0	.	0	.	0	.	0	.	0	.	0	.
5	Kollengoe	0	.	0	.	0	.	0	.	0	.	0	.	0	.
6	Kuzhalmannam	0	.	0	.	0	.	0	.	0	.	0	.	0	.
7	Malampuzha	0	.	0	.	0	.	0	.	0	.	0	.	0	.
8	Mannarkkad	0	.	0	.	0	.	0	.	0	.	0	.	0	.
9	Nenmara	0	.	1	.	0	.	0	.	0	.	0	.	1	.
10	Ottappalam	0	.	0	.	22	.	0	.	0	.	0	.	22	.
11	Palakkad	1	.	2	.	0	.	0	.	0	.	1	.	4	.
12	Pattambi	0	.	0	.	1	0	0	.	0	.	0	.	1	0
13	Sreekrishnapuram	0	.	0	.	0	.	0	.	0	.	0	.	0	.
14	Thrithala	0	.	4	.	0	.	0	.	0	.	0	.	4	.
Total :		1	.	7	.	23	0	0	.	0	.	1	.	32	0

Table. XII(B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : PALAKKAD

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alathur	1	0	3	.	0	.	0	.	0	.	0	.	1	.	5	0
2	Attappady	0	.	0	.	0	.	0	.	0	.	0	.	0	.	0	.
3	Chittur	0	.	0	.	0	.	0	.	0	.	0	.	0	.	0	.
4	Corporation /Municipality	0	.	0	.	1	0	0	.	3	.	0	.	2	61.	6	61
5	Kollengoe	2	.	0	.	0	.	0	.	0	.	0	.	0	.	2	.
6	Kuzhalmannam	0	.	0	.	0	.	0	.	0	.	0	.	0	.	0	.
7	Malampuzha	0	.	1	.	0	.	0	.	0	.	0	.	0	.	1	.
8	Mannarkkad	1	.	9	.	3	.	0	.	1	18.	0	.	6	0	20	18
9	Nenmara	3	.	0	.	13	.	0	.	0	.	0	.	0	.	16	.
10	Ottappalam	0	.	1	.	20	.	0	.	0	.	0	.	0	.	21	.
11	Palakkad	0	.	1	.	0	.	0	.	0	.	0	.	0	.	1	.
12	Pattambi	0	.	0	.	0	.	0	.	0	.	0	.	0	.	0	.
13	Sreekrishnapuram	0	.	1	.	0	.	0	.	0	.	0	.	0	.	1	.
14	Thrithala	0	.	1	.	0	.	0	.	0	.	0	.	1	.	2	.
Total :		7	0	17	.	37	0	0	.	4	18.	0	.	10	61	75	80

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alathur	1	0	1	2	4	0	612	612	616
2	Attappady	0	0	0	0	0	0	19	19	19
3	Chittur	0	0	0	5	5	1	396	397	402
4	Corporation /Municipality	0	0	0	1	1	0	214	214	215
5	Kollengoe	1	0	0	1	2	26	486	512	514
6	Kuzhalmannam	1	0	4	1	6	0	338	338	344
7	Malampuzha	1	1	4	0	6	4	244	248	254
8	Mannarkkad	1	1	1	1	4	1	280	281	285
9	Nenmara	5	0	1	14	20	8	287	295	315
10	Ottappalam	0	0	2	7	9	2	380	382	391
11	Palakkad	0	0	1	1	2	5	254	259	261
12	Pattambi	0	0	3	0	3	1	533	534	537
13	Sreekrishnapuram	0	0	0	1	1	0	362	362	363
14	Thrithala	3	2	2	2	9	0	786	786	795
Total :		13	4	19	36	72	48	5191	5239	5311

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alathur	0	0	3	0	3	15	167	182	185
2	Attappady	1	0	0	1	2	1	100	101	103
3	Chittur	2	0	1	10	13	0	89	89	102
4	Corporation /Municipality	6	0	19	3	28	7	72	79	107
5	Kollengoe	2	2	3	0	7	33	116	149	156
6	Kuzhalmannam	10	3	21	0	34	30	174	204	238
7	Malampuzha	3	0	2	3	8	3	90	93	101
8	Mannarkkad	3	2	40	2	47	1	383	384	431
9	Nenmara	1	0	7	5	13	3	105	108	121
10	Ottappalam	22	1	4	21	48	4	140	144	192
11	Palakkad	2	0	3	0	5	15	66	81	86
12	Pattambi	6	0	0	5	11	4	51	55	66
13	Sreekrishnapuram	19	1	52	6	78	5	187	192	270
14	Thrithala	2	0	4	0	6	30	245	275	281
Total :		79	9	159	56	303	151	1985	2136	2439

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : PALAKKAD

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Alathur	338	205	61	2	6	612	88	45	30	1	3	167
2	Attappady	3	13	2	1	0	19	39	44	9	8	0	100
3	Chittur	156	187	48	5	0	396	35	47	5	2	0	89
4	Corporation /Municipality	142	63	7	2	0	214	24	32	7	8	1	72
5	Kollengoe	216	192	64	13	1	486	42	47	20	5	2	116
6	Kuzhalmannam	216	80	35	6	1	338	111	31	21	10	1	174
7	Malampuzha	143	67	30	3	1	244	39	27	23	1	0	90
8	Mannarkkad	192	50	32	4	2	280	206	98	58	17	4	383
9	Nenmara	143	95	35	4	10	287	36	40	18	1	10	105
10	Ottappalam	310	57	9	3	1	380	93	34	11	2	0	140
11	Palakkad	161	63	25	2	3	254	26	19	12	7	2	66
12	Pattambi	469	37	12	7	8	533	38	10	3	0	0	51
13	Sreekrishnapuram	314	43	4	1	0	362	100	54	17	11	5	187
14	Thrithala	681	86	11	4	4	786	193	43	6	2	1	245
Total :		3484	1238	375	57	37	5191	1070	571	240	75	29	1985

**Table. XV
MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER**

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes						No. of Surface water Schemes							
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Alathur	9	5	321	277	612	4	616	6	0	94	67	167	18	185
2	Attappady	0	2	2	15	19	0	19	1	7	7	85	100	3	103
3	Chittur	29	6	228	133	396	6	402	1	0	46	42	89	13	102
4	Corporation /Municipality	1	1	129	83	214	1	215	0	0	47	25	72	35	107
5	Kollengoe	9	0	383	94	486	28	514	3	0	86	27	116	40	156
6	Kuzhalmannam	13	5	232	88	338	6	344	8	2	137	27	174	64	238
7	Malampuzha	2	1	166	75	244	10	254	4	1	56	29	90	11	101
8	Mannarkkad	12	0	197	71	280	5	285	1	1	191	190	383	48	431
9	Nenmara	4	0	143	140	287	28	315	2	1	72	30	105	16	121
10	Ottappalam	4	1	191	184	380	11	391	0	0	55	85	140	52	192
11	Palakkad	5	2	189	58	254	7	261	0	0	51	15	66	20	86
12	Pattambi	18	3	342	170	533	4	537	1	0	23	27	51	15	66
13	Sreekrishnapuram	7	0	187	168	362	1	363	2	1	58	126	187	83	270
14	Thrithala	15	3	437	331	786	9	795	10	1	146	88	245	36	281
Total :		128	29	3147	1887	5191	120	5311	39	14	1069	863	1985	454	2439

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : PALAKKAD

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alathur	5	0	441	17	36	499	57	3	29	1	0	0	23	113	612
2	Attappady	0	0	1	0	0	1	10	6	0	0	0	0	2	18	19
3	Chittur	24	5	336	0	0	365	10	17	0	2	1	0	1	31	396
4	Corporation /Municipality	2	2	197	0	1	202	11	1	0	0	0	0	0	12	214
5	Kollengoe	9	3	416	0	9	437	28	15	0	4	0	0	2	49	486
6	Kuzhalmannam	3	4	288	0	3	298	17	9	0	3	0	0	11	40	338
7	Malampuzha	8	0	201	0	1	210	20	7	0	3	0	0	4	34	244
8	Mannarkkad	35	18	163	0	1	217	23	30	0	4	0	0	6	63	280
9	Nenmara	14	10	211	0	1	236	2	5	0	44	0	0	0	51	287
10	Ottappalam	24	0	254	4	9	291	81	2	2	0	1	0	3	89	380
11	Palakkad	4	2	167	0	0	173	54	18	2	3	0	0	4	81	254
12	Pattambi	3	2	488	0	0	493	29	9	0	1	0	0	1	40	533
13	Sreekrishnapuram	12	0	325	0	0	337	24	0	0	1	0	0	0	25	362
14	Thrithala	5	1	473	0	0	479	299	4	0	3	0	0	1	307	786
Total :		148	47	3961	21	61	4238	665	126	33	69	2	0	58	953	5191

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Surface Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Alathur	2	0	97	11	4	114	26	6	29	0	0	0	-8	53	167	
2	Attappady	2	1	10	0	1	14	37	2	0	28	0	0	19	86	100	
3	Chittur	9	1	71	0	0	81	4	3	0	1	0	0	0	8	89	
4	Corporation /Municipality	2	0	40	0	0	42	27	3	0	0	0	0	0	30	72	
5	Kollengoe	2	0	91	0	0	93	4	19	0	0	0	0	0	23	116	
6	Kuzhalmannam	8	0	164	0	0	172	1	0	0	0	0	0	1	2	174	
7	Malampuzha	3	3	51	0	0	57	27	3	0	2	0	0	1	33	90	
8	Mannarkkad	12	4	261	0	70	347	15	16	0	3	1	0	1	36	383	
9	Nenmara	3	13	83	0	0	99	4	2	0	0	0	0	0	6	105	
10	Ottappalam	1	0	115	2	1	119	15	5	2	0	0	0	-1	21	140	
11	Palakkad	0	0	43	0	1	44	19	2	2	1	0	0	-2	22	66	
12	Pattambi	1	7	41	0	1	50	0	1	0	0	0	0	0	1	51	
13	Sreekrishnapuram	10	7	117	0	1	135	22	0	0	2	0	0	28	52	187	
14	Thrithala	2	3	211	0	17	233	12	0	0	0	0	0	0	12	245	
Total :		57	39	1395	13	96	1600	213	62	33	37	1	0	39	385	1985	

**Table. XVII (A)
MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES**

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Alathur	0	217	217	0	47	47	0	225	225	0	127	127	0	616	616
2	Attappady	0	6	6	0	0	0	0	0	0	0	13	13	0	19	19
3	Chittur	0	190	190	0	19	19	0	62	62	0	131	131	0	402	402
4	Corporation /Municipality	0	163	163	0	5	5	0	14	14	0	33	33	0	215	215
5	Kollengoe	0	143	143	0	77	77	0	74	74	0	220	220	0	514	514
6	Kuzhalmannam	0	141	141	0	50	50	0	78	78	0	75	75	0	344	344
7	Malampuzha	0	87	87	0	58	58	0	71	71	0	38	38	0	254	254
8	Mannarkkad	0	215	215	0	28	28	0	34	34	0	8	8	0	285	285
9	Nenmara	0	142	142	0	8	8	0	75	75	0	90	90	0	315	315
10	Ottappalam	0	310	310	0	18	18	0	13	13	0	50	50	0	391	391
11	Palakkad	0	153	153	0	47	47	0	32	32	0	29	29	0	261	261
12	Pattambi	0	354	354	0	107	107	0	40	40	0	36	36	0	537	537
13	Sreekrishnapuram	0	307	307	0	39	39	0	13	13	0	4	4	0	363	363
14	Thrithala	0	697	697	0	69	69	0	24	24	0	5	5	0	795	795
Total :		0	3125	3125	0	572	572	0	755	755	0	859	859	0	5311	5311

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : PALAKKAD

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Alathur	0	0	0	0	185	185	0	185	185
2	Attappady	0	0	0	0	103	103	0	103	103
3	Chittur	0	26	26	0	76	76	0	102	102
4	Corporation /Municipality	0	42	42	0	65	65	0	107	107
5	Kollengoe	0	29	29	0	127	127	0	156	156
6	Kuzhalmannam	0	60	60	0	178	178	0	238	238
7	Malampuzha	0	19	19	0	82	82	0	101	101
8	Mannarkkad	0	194	194	0	237	237	0	431	431
9	Nenmara	0	3	3	0	118	118	0	121	121
10	Ottappalam	0	37	37	0	155	155	0	192	192
11	Palakkad	0	8	8	0	78	78	0	86	86
12	Pattambi	0	8	8	0	58	58	0	66	66
13	Sreekrishnapuram	0	51	51	0	219	219	0	270	270
14	Thrithala	0	204	204	0	77	77	0	281	281
Total :		0	681	681	0	1758	1758	0	2439	2439

**Table. XVIII (A)
NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION
DEVICE**

State : KERALA, District : PALAKKAD

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alathur	99	87	322	383	67	72	99	244	12	13	11	10	3	8	613	817
2	Attappady	0		7	12	4	6	2	3	1	1	5	7	0		19	28
3	Chittur	80	132	206	417	20	27	41	47	23	28	23	22	9	16	402	689
4	Corporation /Municipality	5	8	102	113	3	2	98	96	2	2	5	4	0		215	225
5	Kollengoe	146	238	317	556	10	24	33	71	7	12	0		0		513	901
6	Kuzhalmannam	145	92	87	121	12	24	78	134	18	32	4	8	0		344	411
7	Malampuzha	181	305	46	106	23	48	3	6	1	4	0		0		254	469
8	Mannarkkad	56	46	58	39	16	14	112	83	16	17	5	4	20	4	283	207
9	Nenmara	177	235	52	39	18	30	40	99	17	14	11	9	0		315	426
10	Ottappalam	28	29	126	95	101	48	135	115	0		1	0	0		391	288
11	Palakkad	56	61	139	132	26	17	27	26	4	5	5	5	1	4	258	249
12	Pattambi	156	141	285	192	5	2	86	272	1	0	3	1	1	1	537	610
13	Sreekrishnapuram	7	4	210	148	2	1	104	71	7	9	31	23	2	1	363	257
14	Thrithala	75	28	577	284	13	103	62	25	8	3	56	27	0		791	470
Total :		1211	1407	2534	2636	320	419	920	1292	117	139	160	121	36	34	5298	6048

Table. XVIII (B)
NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : PALAKKAD

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Alathur	44	86	98	198	25	32	16	46	0	0	0	0	2	2	185	363
2	Attappady	17	35	29	47	16	17	30	45	4	7	1	10	5	7	102	167
3	Chittur	3	7	50	89	37	47	8	9	4	5	0	0	0	0	102	156
4	Corporation /Municipality	6	154	75	433	1	0	13	50	0	0	1	2	0	0	96	639
5	Kollengoe	9	39	129	417	4	20	7	104	1	0	3	2	1	2	154	584
6	Kuzhalmannam	80	244	105	580	1	1	46	218	3	6	0	0	1	0	236	1050
7	Malampuzha	63	366	33	1132	1	0	3	2	1	0	0	0	0	0	101	1500
8	Mannarkkad	42	967	154	161	10	10	120	140	13	18	20	72	66	45	425	1413
9	Nenmara	63	153	21	93	5	6	13	23	7	9	9	7	1	4	119	295
10	Ottappalam	6	245	78	377	25	605	74	61	1	1	2	2	0	0	186	1290
11	Palakkad	23	494	58	191	1	0	4	4	0	0	0	0	0	0	86	690
12	Pattambi	27	414	33	85	0	0	1	0	0	0	0	0	5	2	66	502
13	Sreekrishnapuram	12	7	101	312	39	25	95	152	3	2	20	20	0	0	270	518
14	Thrithala	9	304	166	244	63	45	4	1	3	2	5	4	29	392	279	993
Total :		404	3515	1130	4358	228	811	434	855	40	49	61	118	110	455	2407	10160

MALAPPURAM

Table. I
MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Areacode	8	759	0	0	0	759	56	95	151	910
2	Corporation /Municipality	7	701	51	1	1	754	39	85	124	878
3	Kalikkadavu	7	406	5	1	2	414	33	94	127	541
4	Kondotty	9	1052	11	2	0	1065	69	33	102	1167
5	Kuttipuram	7	1254	2	2	7	1265	27	30	57	1322
6	Malappuram	6	568	6	6	16	596	62	93	155	751
7	Mankada	6	642	6	30	19	697	59	32	91	788
8	Nilampur	6	526	1	0	1	528	62	146	208	736
9	Perinthalmanna	8	1036	1	30	5	1072	95	257	352	1424
10	Perumpadappu	5	952	25	1	0	978	8	5	13	991
11	Ponnani	4	403	1	0	0	404	0	7	7	411
12	Thanur	8	1181	3	1	1	1186	10	31	41	1227
13	Thirur	6	892	76	1	6	975	23	40	63	1038
14	Thirurangadi	7	817	22	19	15	873	21	72	93	966
15	Vengara	7	723	0	1	6	730	40	39	79	809
16	Wandoor	6	472	0	0	0	472	58	67	125	597
Total :		107	12384	210	95	79	12768	662	1126	1788	14556

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : MALAPPURAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	758	335	351	343	151	1473	1640	1638	909	1808	1991	1981
2	Corporation /Municipality	754	445	435	398	111	952	1400	1117	865	1397	1835	1515
3	Kalikkadavu	414	359	394	356	123	539	523	472	537	898	917	828
4	Kondotty	1065	389	421	409	97	580	722	703	1162	969	1143	1112
5	Kuttipuram	1260	427	477	424	57	568	735	676	1317	994	1211	1100
6	Malappuram	593	237	263	260	147	628	890	847	740	865	1153	1107
7	Mankada	696	299	316	298	85	502	438	437	781	801	754	735
8	Nilampur	519	358	462	417	202	2912	3841	3166	721	3270	4304	3583
9	Perinthalmanna	1067	604	848	698	342	3106	4497	3468	1409	3711	5346	4166
10	Perumpadappu	968	485	464	450	10	686	686	664	978	1171	1151	1114
11	Ponnani	404	184	203	202	7	796	797	797	411	980	1001	999
12	Thanur	1186	393	343	327	41	202	252	203	1227	595	594	530
13	Thirur	975	999	625	619	62	1559	1342	1048	1037	2558	1967	1667
14	Thirurangadi	873	344	414	340	93	1426	2268	939	966	1770	2682	1279
15	Vengara	730	338	333	311	73	1317	1380	1370	803	1656	1713	1681
16	Wandoor	472	826	527	478	121	2214	2476	2290	593	3040	3002	2768
Total :		12734	7022	6877	6330	1722	19461	23887	19835	14456	26483	30764	26165

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : MALAPPURAM

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	1	0	0	0	0	0	0		1	0	0	0
2	Corporation /Municipality	0	0	0		12	136	89	79	12	136	89	79
3	Kalikkadavu	0	0	0		4	18	0	0	4	18	0	0
4	Kondotty	0	0	0		4	20	20	20	4	20	20	20
5	Kuttipuram	4	1	0	0	0	0	0		4	1	0	0
6	Malappuram	0	0	0		5	39	68	65	5	39	68	65
7	Mankada	1	1	1	0	6	21	6	6	7	21	7	6
8	Nilampur	9	7	6	6	3	3	2	1	12	10	9	7
9	Perinthalmanna	5	2	3	3	10	38	3	3	15	40	6	5
10	Perumpadappu	2	1	1	1	3	763	763	763	5	763	763	763
11	Ponnani	0	0	0		0	0	0		0	0	0	0
12	Thanur	0	0	0		0	0	0		0	0	0	0
13	Thirur	0	0	0		1	12	6	3	1	12	6	3
14	Thirurangadi	0	0	0		0	0	0		0	0	0	0
15	Vengara	0	0	0		2	2	2	2	2	2	2	2
16	Wandoor	0	0	0		3	21	24	24	3	21	24	24
Total :		22	11	11	10	53	1072	983	966	75	1083	994	975

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : MALAPPURAM

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Areacode	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	0	0	0	1	9	0	1	9	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	0	1	3	3	1	3	3
5	Kuttipuram	1	0	0	0	0	0	1	0	0
6	Malappuram	3	2	1	3	43	75	6	45	76
7	Mankada	0	0	0	0	0	0	0	0	0
8	Nilampur	0	0	0	3	99	50	3	99	50
9	Perinthalmanna	0	0	0	0	0	0	0	0	0
10	Perumpadappu	8	2	1	0	0	0	8	2	1
11	Ponnani	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	4	32	32	4	32	32
16	Wandoor	0	0	0	1	20	0	1	20	0
Total :		12	3	2	13	206	160	25	210	162

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Areacode	18	680	58	3	0	0	759	30	27	24	22	12	36	151
2	Corporation /Municipality	13	684	43	14	0	0	754	19	66	5	12	9	13	124
3	Kalikkadavu	6	306	54	47	1	0	414	6	59	12	40	3	7	127
4	Kondotty	107	807	104	45	0	2	1065	42	29	3	15	7	6	102
5	Kuttipuram	10	961	241	42	8	3	1265	13	13	6	9	12	4	57
6	Malappuram	176	398	21	1	0	0	596	12	64	21	28	8	22	155
7	Mankada	21	586	82	7	1	0	697	12	15	12	8	29	15	91
8	Nilampur	32	429	65	2	0	0	528	5	90	55	17	7	34	208
9	Perinthalmanna	36	951	78	6	1	0	1072	165	41	21	45	35	45	352
10	Perumpadappu	10	646	255	60	5	2	978	1	0	0	5	4	3	13
11	Ponnani	8	353	43	0	0	0	404	1	3	1	2	0	0	7
12	Thanur	59	835	285	7	0	0	1186	10	6	18	6	0	1	41
13	Thirur	69	840	66	0	0	0	975	0	24	9	22	3	5	63
14	Thirurangadi	11	800	59	3	0	0	873	20	53	7	6	4	3	93
15	Vengara	13	476	235	6	0	0	730	22	14	14	18	8	3	79
16	Wandoor	11	446	5	10	0	0	472	6	15	15	36	18	35	125
Total :		600	10198	1694	253	16	7	12768	364	519	223	291	159	232	1788

Table. V (Continued....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Areacode	48	707	82	25	12	36	910
2	Corporation /Municipality	32	750	48	26	9	13	878
3	Kalikkadavu	12	365	66	87	4	7	541
4	Kondotty	149	836	107	60	7	8	1167
5	Kuttiipuram	23	974	247	51	20	7	1322
6	Malappuram	188	462	42	29	8	22	751
7	Mankada	33	601	94	15	30	15	788
8	Nilampur	37	519	120	19	7	34	736
9	Perinthalmanna	201	992	99	51	36	45	1424
10	Perumpadappu	11	646	255	65	9	5	991
11	Ponnani	9	356	44	2	0	0	411
12	Thanur	69	841	303	13	0	1	1227
13	Thirur	69	864	75	22	3	5	1038
14	Thirurangadi	31	853	66	9	4	3	966
15	Vengara	35	490	249	24	8	3	809
16	Wandoor	17	461	20	46	18	35	597
Total :		964	10717	1917	544	175	239	14556

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : MALAPPURAM

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Areacode	18	31	245	50	344	415	617	385	221	1638	433	648	630	271	1982
2	Corporation /Municipality	75	76	172	74	398	341	348	278	230	1196	416	424	450	303	1594
3	Kalikkadavu	87	51	179	39	356	86	72	238	76	472	173	122	416	116	827
4	Kondotty	12	51	286	60	409	71	148	358	145	722	84	198	644	205	1131
5	Kuttipuram	70	45	259	51	425	420	198	46	12	676	490	243	305	63	1101
6	Malappuram	14	25	184	37	260	213	206	331	162	912	226	232	514	199	1172
7	Mankada	22	66	159	50	298	17	18	401	7	442	39	84	561	57	740
8	Nilampur	29	60	255	78	422	493	634	1433	607	3167	523	694	1688	685	3589
9	Perinthalmanna	159	118	317	106	700	1016	1233	644	578	3471	1175	1351	961	684	4171
10	Perumpadappu	39	25	246	140	450	140	82	0	1205	1427	179	107	246	1345	1877
11	Ponnani	52	13	125	12	202	67	729	1	0	797	118	742	126	12	998
12	Thanur	24	26	253	25	327	143	8	29	24	203	166	34	281	48	530
13	Thirur	333	27	234	26	619	448	184	302	117	1051	780	212	535	143	1670
14	Thirurangadi	13	48	227	53	340	69	161	213	495	939	82	210	439	548	1279
15	Vengara	10	21	219	60	311	40	379	413	540	1373	50	400	633	600	1683
16	Wandoor	114	148	161	55	478	422	471	858	562	2314	536	619	1019	618	2793
Total :		1072	830	3522	915	6338	4400	5489	5929	4982	20800	5472	6319	9450	5897	27138

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : MALAPPURAM

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttiipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mankada	5	14	37	11	68	0	0	148	0	148	5	14	186	11	216
8	Nilampur	0	0	0	0	0	0	0	3	0	3	0	0	3	0	3
9	Perinthalmanna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perumpadappu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	2	2	1	1	6	1	1	5	1	8	3	3	6	2	14
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	1	0	2	0	20	50	20	90	0	20	51	20	92
16	Wandoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		8	16	40	12	76	1	21	206	21	250	9	38	246	33	326

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No	Block	Ground Water Schemes											Total (8+13)
		With One lifting Device					With two lifting Device					Total (9 to 12)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	129	625	0	0	2	756	2	0	0	1	3	759
2	Corporation /Municipality	154	578	1	0	0	733	1	0	0	20	21	754
3	Kalikkadavu	87	326	0	0	0	413	1	0	0	0	1	414
4	Kondotty	46	996	0	0	9	1051	12	0	0	2	14	1065
5	Kuttipuram	400	858	0	0	0	1258	6	0	0	0	6	1264
6	Malappuram	59	523	0	0	0	582	7	0	0	4	11	593
7	Mankada	52	610	0	0	0	662	35	0	0	0	35	697
8	Nilampur	51	472	3	0	0	526	2	0	0	0	2	528
9	Perinthalmanna	56	1013	0	1	0	1070	2	0	0	0	2	1072
10	Perumpadappu	573	374	0	0	0	947	23	0	0	0	23	970
11	Ponnani	22	382	0	0	0	404	0	0	0	0	0	404
12	Thanur	275	890	0	0	3	1168	2	0	0	16	18	1186
13	Thirur	147	809	0	0	0	956	18	0	0	1	19	975
14	Thirurangadi	90	776	0	0	0	866	7	0	0	0	7	873
15	Vengara	77	646	0	0	0	723	7	0	0	0	7	730
16	Wandoor	145	316	0	0	0	461	11	0	0	0	11	472
Total :		2363	10194	4	1	14	12576	136	0	0	44	180	12756

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8 + 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	5	87	0	0	1	93	2	0	0	0	2	95
2	Corporation /Municipality	37	47	1	0	0	85	0	0	0	0	0	85
3	Kalikkadavu	24	64	0	0	0	88	5	0	0	1	6	94
4	Kondotty	2	8	0	0	23	33	0	0	0	0	0	33
5	Kuttipuram	10	18	0	0	0	28	1	0	0	1	2	30
6	Malappuram	4	88	0	0	0	92	1	0	0	0	1	93
7	Mankada	2	30	0	0	0	32	0	0	0	0	0	32
8	Nilampur	11	123	0	0	0	134	8	4	0	0	12	146
9	Perinthalmanna	32	209	0	3	0	244	13	0	0	0	13	257
10	Perumpadappu	1	2	0	0	0	3	1	1	0	0	2	5
11	Ponnani	0	7	0	0	0	7	0	0	0	0	0	7
12	Thanur	6	25	0	0	0	31	0	0	0	0	0	31
13	Thirur	5	29	0	0	0	34	6	0	0	0	6	40
14	Thirurangadi	1	67	0	0	0	68	4	0	0	0	4	72
15	Vengara	1	32	0	0	0	33	6	0	0	0	6	39
16	Wandoor	5	50	0	0	0	55	11	0	0	0	11	66
Total :		146	886	1	3	24	1060	58	5	0	2	65	1125

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy									Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pumps	Electric Pump & Wind mill	Electric Pump & Solar Pumps	Diesel & Wind mills	Diesel pump & Solar Pumps	Wind mill & Solar Pumps	Others	Total (10 to 16)		
(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)			
1	Areacode	753	1	0	0	0	0	754	3	0	0	0	0	0	2	5	759	
2	Corporation /Municipality	731	1	0	0	2	0	734	1	0	0	0	0	0	19	20	754	
3	Kalikkadavu	387	26	0	0	0	0	413	1	0	0	0	0	0	0	1	414	
4	Kondotty	766	61	0	0	0	2	829	8	0	0	0	0	0	228	236	1065	
5	Kuttiipuram	1246	4	0	0	0	0	1250	14	0	0	0	0	0	0	14	1264	
6	Malappuram	573	5	0	1	0	3	582	4	0	0	0	0	0	7	11	593	
7	Mankada	676	10	0	0	0	0	686	11	0	0	0	0	0	0	11	697	
8	Nilampur	525	2	0	0	0	0	527	1	0	0	0	0	0	0	1	528	
9	Perinthalmanna	1068	0	0	0	1	0	1069	3	0	0	0	0	0	0	3	1072	
10	Perumpadappu	965	0	0	0	0	0	965	5	0	0	0	0	0	0	5	970	
11	Ponnani	403	1	0	0	0	0	404	0	0	0	0	0	0	0	0	404	
12	Thanur	1050	0	0	0	0	0	1050	0	0	0	0	0	0	136	136	1186	
13	Thirur	960	5	0	0	1	0	966	8	0	1	0	0	0	0	9	975	
14	Thirurangadi	864	1	0	0	0	8	873	0	0	0	0	0	0	0	0	873	
15	Vengara	730	0	0	0	0	0	730	0	0	0	0	0	0	0	0	730	
16	Wandoor	469	1	0	0	0	0	470	2	0	0	0	0	0	0	2	472	
Total :		12166	118	0	1	4	13	12302	61	0	1	0	0	0	392	454	12756	

**Table. IX (B)
MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY**

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)	
		With one source of energy							With two Source of Energy							Total (10 to 16)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Areacode	92	2	0	0	0	1	95	0	0	0	0	0	0	0	0	0	95
2	Corporation /Municipality	81	3	0	0	0	0	84	1	0	0	0	0	0	0	0	1	85
3	Kalikkadavu	86	4	0	0	1	0	91	2	0	0	0	0	0	1	3	94	
4	Kondotty	10	22	0	0	1	0	33	0	0	0	0	0	0	0	0	0	33
5	Kuttiipuram	29	0	0	0	0	0	29	0	0	0	0	0	0	1	1	30	
6	Malappuram	90	1	0	0	0	0	91	0	0	0	0	0	0	2	2	93	
7	Mankada	32	0	0	0	0	0	32	0	0	0	0	0	0	0	0	32	
8	Nilampur	143	0	0	0	2	0	145	0	0	0	0	0	0	1	1	146	
9	Perinthalmanna	247	6	0	0	4	0	257	0	0	0	0	0	0	0	0	257	
10	Perumpadappu	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5	
11	Ponnani	7	0	0	0	0	0	7	0	0	0	0	0	0	0	0	7	
12	Thanur	28	0	0	0	0	0	28	0	0	0	0	0	0	3	3	31	
13	Thirur	39	0	0	0	0	0	39	1	0	0	0	0	0	0	1	40	
14	Thirurangadi	71	1	0	0	0	0	72	0	0	0	0	0	0	0	0	72	
15	Vengara	38	1	0	0	0	0	39	0	0	0	0	0	0	0	0	39	
16	Wandoor	56	8	0	0	0	0	64	2	0	0	0	0	0	0	2	66	
Total :		1054	48	0	0	8	1	1111	6	0	0	0	0	0	8	14	1125	

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : MALAPPURAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttipuram	0	0	0	0	3	0	0	0	1	0	0	0	0	0	0	0
6	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Mankada	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0
8	Nilampur	0	0	0	0	5	4	4	4	2	2	1	1	0	0	0	0
9	Perinthalmanna	0	0	0	0	4	2	3	2	0	0	0	0	0	0	0	0
10	Perumpadappu	0	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Wandoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	14	7	8	7	5	3	2	2	0	0	0	0

Table. X (A) (Continued.....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : MALAPPURAM

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Areacode	0	0	0	0	0	0	0	0	1	0	0	0
2	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttipuram	0	0	0	0	0	0	0	0	4	1	0	0
6	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0
7	Mankada	0	0	0	0	0	0	0	0	1	1	1	0
8	Nilampur	1	0	0	0	1	0	0	0	9	7	6	6
9	Perinthalmanna	1	0	0	0	0	0	0	0	5	2	3	3
10	Perumpadappu	0	0	0	0	0	0	0	0	2	1	1	1
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	0	0	0	0	0	0	0	0
16	Wandoor	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	1	1	1	1	0	0	0	22	11	11	10

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : MALAPPURAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	1	20	20	16	4	71	0	0	0	0	0	0	0	0	0	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	4	20	20	20	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Malappuram	0	0	0	0	2	2	4	0	3	36	65	65	0	0	0	0
7	Mankada	3	9	3	3	2	7	2	2	0	0	0	0	0	0	0	0
8	Nilampur	0	0	0	0	1	0	0	0	0	0	0	0	1	2	1	1
9	Perinthalmanna	0	0	0	0	0	0	0	0	5	15	1	1	0	0	0	0
10	Perumpadappu	0	0	0	0	3	763	763	763	0	0	0	0	0	0	0	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	1	12	6	3	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	0	0	0	0	2	2	2	2	0	0	0	0
16	Wandoor	2	11	5	5	1	11	19	19	0	0	0	0	0	0	0	0
Total :		10	60	47	43	14	866	794	787	10	53	68	68	1	2	1	1

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : MALAPPURAM

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	-2	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	3	1	0	0	0	0	0	0	4	44	70	64	12	136	89	79
3	Kalikkadavu	0	0	0	0	0	0	0	0	4	18	0	0	4	18	0	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	4	20	20	20
5	Kuttipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Malappuram	0	0	0	0	0	0	0	0	0	0	0	0	5	39	68	65
7	Mankada	0	0	0	0	0	0	0	0	1	5	1	1	6	21	6	6
8	Nilampur	1	1	1	0	0	0	0	0	0	0	0	0	3	3	2	1
9	Perinthalmanna	3	21	0	0	1	1	1	1	1	1	1	1	10	38	3	3
10	Perumpadappu	0	0	0	0	0	0	0	0	0	0	0	0	3	763	763	763
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0	0	0	0	1	12	6	3
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	0	0	0	0	0	0	0	0	2	2	2	2
16	Wandoor	0	0	0	0	0	0	0	0	0	0	0	0	3	21	24	24
Total :		7	23	1	0	1	1	1	1	10	67	72	65	53	1072	983	966

**Table XI (A)
NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS**

State : KERALA, District : MALAPPURAM

(Area in Ha)

S.NO.	Block	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttiipuram	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
6	Malappuram	1	1	0	0	1	0	0	0	0	0	0	0	1	0	3	1
7	Mankada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nilampur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Perinthalmanna	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perumpadappu	0	0	1	0	7	1	0	0	0	0	0	0	0	0	8	1
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Wandoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total		1	1	1	0	8	2	0	0	0	0	0	0	2	0	12	2

Table XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : MALAPPURAM

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	0	0	1	0	0	0	0	0	0	0	1	0
3	Kalikkadavu	0	0	0	0	0	0	0	0	0	0	0	0
4	Kondotty	0	0	1	3	0	0	0	0	0	0	1	3
5	Kuttiipuram	0	0	0	0	0	0	0	0	0	0	0	0
6	Malappuram	1	0	0	0	2	75	0	0	0	0	3	75
7	Mankada	0	0	0	0	0	0	0	0	0	0	0	0
8	Nilampur	0	0	0	0	2	50	0	0	1	0	3	50
9	Perinthalmanna	0	0	0	0	0	0	0	0	0	0	0	0
10	Perumpadappu	0	0	0	0	0	0	0	0	0	0	0	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	0	0	0	0	0	0	0	0	0	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	2	11	2	21	0	0	0	0	4	32
16	Wandoor	0	0	1	0	0	0	0	0	0	0	1	0
Total		1	0	5	14	6	146	0	0	1	0	13	160

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : MALAPPURAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Areacode	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Corporation /Municipality	1	0	0	0	0	0	0	0	0	0	0	0	1	0
3	Kalikkadavu	0	0	2	0	0	0	0	0	0	0	0	0	2	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttiipuram	0	0	2	0	6	0	0	0	0	0	0	0	8	0
6	Malappuram	4	0	2	0	0	0	0	0	0	0	0	0	6	0
7	Mankada	0	0	1	0	0	0	0	0	0	0	0	0	1	0
8	Nilampur	0	0	2	0	2	0	0	0	0	0	0	0	4	0
9	Perinthalmanna	0	0	0	0	0	0	0	0	0	0	1	0	1	0
10	Perumpadappu	0	0	2	0	0	0	0	0	0	0	0	0	2	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Thirur	0	0	12	0	0	0	0	0	0	0	1	0	13	0
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	2	0	9	0	0	0	0	0	0	0	11	0
16	Wandoor	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Total :		5	0	26	0	17	0	0	0	0	0	2	0	50	1

**Table. XII (B)
NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL**

State : KERALA, District : MALAPPURAM

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	0	0	1	0	0	0	0	0	0	0	0	0	1	0	2	0
2	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	3
3	Kalikkadavu	2	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0
4	Kondotty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kuttipuram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Malappuram	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4	0
7	Mankada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Nilampur	3	9	2	62	1	60	8	198	1	24	0	0	0	0	15	353
9	Perinthalmanna	2	1	1	0	6	0	1	6	0	0	0	0	1	0	11	7
10	Perumpadappu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Ponnani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thanur	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
13	Thirur	1	10	0	0	0	0	0	0	0	0	0	0	0	0	1	10
14	Thirurangadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	Vengara	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
16	Wandoor	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Total :		12	21	8	62	8	60	9	204	1	24	0	0	3	3	41	374

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Areacode	1	0	1	1	3	0	756	756	759
2	Corporation /Municipality	2	2	0	1	5	3	746	749	754
3	Kalikkadavu	0	0	3	13	16	0	398	398	414
4	Kondotty	0	1	0	1	2	1	1062	1063	1065
5	Kuttiipuram	1	3	0	1	5	1	1259	1260	1265
6	Malappuram	2	2	23	33	60	6	530	536	596
7	Mankada	1	2	0	0	3	0	694	694	697
8	Nilampur	0	5	1	0	6	0	522	522	528
9	Perinthalmanna	0	0	1	4	5	4	1063	1067	1072
10	Perumpadappu	1	1	0	3	5	0	973	973	978
11	Ponnani	0	0	0	0	0	0	404	404	404
12	Thanur	0	0	1	0	1	0	1185	1185	1186
13	Thirur	0	0	1	0	1	0	974	974	975
14	Thirurangadi	1	0	0	3	4	16	853	869	873
15	Vengara	1	0	7	1	9	1	720	721	730
16	Wandoor	9	1	0	0	10	0	462	462	472
Total :		19	17	38	61	135	32	12601	12633	12768

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Areacode	65	2	23	0	90	0	61	61	151
2	Corporation /Municipality	27	1	10	1	39	2	83	85	124
3	Kalikkadavu	18	5	55	3	81	4	42	46	127
4	Kondotty	47	2	10	1	60	8	34	42	102
5	Kuttiipuram	22	3	1	0	26	0	31	31	57
6	Malappuram	46	3	33	0	82	2	71	73	155
7	Mankada	61	3	5	0	69	0	22	22	91
8	Nilampur	59	2	6	0	67	0	141	141	208
9	Perinthalmanna	124	4	12	4	144	15	193	208	352
10	Perumpadappu	5	0	0	0	5	8	0	8	13
11	Ponnani	4	0	0	0	4	0	3	3	7
12	Thanur	0	0	7	0	7	0	34	34	41
13	Thirur	16	2	18	0	36	7	20	27	63
14	Thirurangadi	13	0	0	0	13	16	64	80	93
15	Vengara	22	0	14	0	36	11	32	43	79
16	Wandoor	67	1	43	0	111	1	13	14	125
Total :		596	28	237	9	870	74	844	918	1788

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Areacode	700	42	12	2	0	756	46	10	5	0	0	61
2	Corporation /Municipality	684	52	7	2	1	746	69	9	3	2	0	83
3	Kalikkadavu	287	78	22	1	10	398	30	6	3	1	2	42
4	Kondotty	969	79	10	2	2	1062	24	5	3	1	1	34
5	Kuttipuram	1209	35	11	1	3	1259	23	3	2	3	0	31
6	Malappuram	483	37	7	2	1	530	58	8	3	0	2	71
7	Mankada	611	63	16	1	3	694	8	9	3	2	0	22
8	Nilampur	394	105	15	8	0	522	87	33	14	6	1	141
9	Perinthalmanna	855	149	45	8	6	1063	124	49	16	4	0	193
10	Perumpadappu	831	84	34	11	13	973	0	0	0	0	0	0
11	Ponnani	365	33	4	0	2	404	3	0	0	0	0	3
12	Thanur	1171	12	2	0	0	1185	26	7	1	0	0	34
13	Thirur	888	68	9	3	6	974	11	7	1	0	1	20
14	Thirurangadi	803	47	2	1	0	853	49	9	5	1	0	64
15	Vengara	661	46	7	1	5	720	29	3	0	0	0	32
16	Wandoor	411	47	2	1	1	462	9	3	1	0	0	13
Total :		11322	977	205	44	53	12601	596	161	60	20	7	844

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner							Social Status of Owner						
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmers	Total (7+8)	Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)	Owned by other than individual farmers	Total (14+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Areacode	22	1	609	124	756	3	759	3	0	45	13	61	90	151
2	Corporation /Municipality	6	11	586	143	746	8	754	1	2	62	18	83	41	124
3	Kalikkadavu	14	1	283	100	398	16	414	3	1	23	15	42	85	127
4	Kondotty	30	11	806	215	1062	3	1065	6	0	22	6	34	68	102
5	Kuttiapuram	16	2	853	388	1259	6	1265	0	1	22	8	31	26	57
6	Malappuram	14	1	457	58	530	66	596	3	0	63	5	71	84	155
7	Mankada	11	32	582	69	694	3	697	1	0	18	3	22	69	91
8	Nilampur	16	5	154	347	522	6	528	1	1	49	90	141	67	208
9	Perinthalmanna	10	1	751	301	1063	9	1072	2	0	143	48	193	159	352
10	Perumpadappu	12	6	767	188	973	5	978	0	0	0	0	0	13	13
11	Ponnani	9	7	345	43	404	0	404	0	0	2	1	3	4	7
12	Thanur	12	1	1069	103	1185	1	1186	0	0	31	3	34	7	41
13	Thirur	28	3	864	79	974	1	975	2	0	16	2	20	43	63
14	Thirurangadi	28	7	668	150	853	20	873	2	0	50	12	64	29	93
15	Vengara	2	0	686	32	720	10	730	0	0	32	0	32	47	79
16	Wandoor	22	0	307	133	462	10	472	0	0	9	4	13	112	125
Total :		252	89	9787	2473	12601	167	12768	24	5	587	228	844	944	1788

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Areacode	91	12	550	0	1	654	45	50	0	0	0	0	7	102	756
2	Corporation /Municipality	27	1	352	0	0	380	306	56	0	4	0	0	0	366	746
3	Kalikkadavu	73	21	155	1	0	250	37	7	0	22	2	3	77	148	398
4	Kondotty	7	1	574	0	0	582	202	101	4	8	1	0	164	480	1062
5	Kuttipuram	16	2	512	2	43	575	440	235	0	6	0	0	3	684	1259
6	Malappuram	19	60	277	0	0	356	61	105	0	6	0	0	2	174	530
7	Mankada	26	0	642	0	0	668	21	5	0	0	0	0	0	26	694
8	Nilampur	41	6	340	1	4	392	67	8	51	0	1	0	3	130	522
9	Perinthalmanna	159	0	718	9	5	891	38	48	9	71	2	3	1	172	1063
10	Perumpadappu	10	3	587	0	1	601	337	26	0	6	0	0	3	372	973
11	Ponnani	0	3	359	1	0	363	40	0	0	1	0	0	0	41	404
12	Thanur	5	4	985	0	0	994	35	20	0	1	0	0	135	191	1185
13	Thirur	26	2	677	2	0	707	164	101	0	1	0	0	1	267	974
14	Thirurangadi	0	0	708	0	0	708	7	108	5	0	0	0	25	145	853
15	Vengara	3	37	590	2	2	634	16	14	0	4	0	0	52	86	720
16	Wandoor	37	1	242	1	0	281	40	15	0	121	0	0	5	181	462
Total :		540	153	8268	19	56	9036	1856	899	69	251	6	6	478	3565	12601

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Areacode	14	0	42	0	0	56	1	4	0	0	0	0	0	5	61
2	Corporation /Municipality	1	2	66	0	0	69	14	0	0	0	0	0	0	14	83
3	Kalikkadavu	5	0	12	0	1	18	18	0	0	1	0	0	5	24	42
4	Kondotty	0	0	26	0	0	26	1	0	0	7	0	0	0	8	34
5	Kuttipuram	1	2	22	1	0	26	2	3	0	0	0	0	0	5	31
6	Malappuram	0	6	38	0	0	44	13	12	0	2	0	0	0	27	71
7	Mankada	0	0	21	0	0	21	1	0	0	0	0	0	0	1	22
8	Nilampur	15	0	68	1	0	84	40	1	16	0	0	0	0	57	141
9	Perinthalmanna	13	1	165	6	0	185	4	1	2	1	0	0	0	8	193
10	Perumpadappu	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Ponnani	1	0	1	0	0	2	1	0	0	0	0	0	0	1	3
12	Thanur	0	0	28	0	0	28	1	0	0	0	0	0	5	6	34
13	Thirur	0	2	9	0	0	11	1	8	0	0	0	0	0	9	20
14	Thirurangadi	3	0	47	0	2	52	3	6	0	0	0	0	3	12	64
15	Vengara	0	0	30	0	0	30	1	1	0	0	0	0	0	2	32
16	Wandoor	5	0	6	0	0	11	2	0	0	0	0	0	0	2	13
Total :		58	13	581	8	3	663	103	36	18	11	0	0	13	181	844

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Areacode	0	759	759	0	0	0	0	0	0	0	0	0	0	759	759
2	Corporation /Municipality	0	701	701	0	51	51	0	1	1	0	1	1	0	754	754
3	Kalikkadavu	0	406	406	0	5	5	0	1	1	0	2	2	0	414	414
4	Kondotty	0	1052	1052	0	11	11	0	2	2	0	0	0	0	1065	1065
5	Kuttipuram	0	1254	1254	0	2	2	0	2	2	0	7	7	0	1265	1265
6	Malappuram	0	568	568	0	6	6	0	6	6	0	16	16	0	596	596
7	Mankada	0	642	642	0	6	6	0	30	30	0	19	19	0	697	697
8	Nilampur	0	526	526	0	1	1	0	0	0	0	1	1	0	528	528
9	Perinthalmanna	0	1036	1036	0	1	1	0	30	30	0	5	5	0	1072	1072
10	Perumpadappu	0	952	952	0	25	25	0	1	1	0	0	0	0	978	978
11	Ponnani	0	403	403	0	1	1	0	0	0	0	0	0	0	404	404
12	Thanur	0	1181	1181	0	3	3	0	1	1	0	1	1	0	1186	1186
13	Thirur	0	892	892	0	76	76	0	1	1	0	6	6	0	975	975
14	Thirurangadi	0	817	817	0	22	22	0	19	19	0	15	15	0	873	873
15	Vengara	0	723	723	0	0	0	0	1	1	0	6	6	0	730	730
16	Wandoor	0	472	472	0	0	0	0	0	0	0	0	0	0	472	472
Total :		0	12384	12384	0	210	210	0	95	95	0	79	79	0	12768	12768

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : MALAPPURAM

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Areacode	0	56	56	0	95	95	0	151	151
2	Corporation /Municipality	0	39	39	0	85	85	0	124	124
3	Kalikkadavu	0	33	33	0	94	94	0	127	127
4	Kondotty	0	69	69	0	33	33	0	102	102
5	Kuttipuram	0	27	27	0	30	30	0	57	57
6	Malappuram	0	62	62	0	93	93	0	155	155
7	Mankada	0	59	59	0	32	32	0	91	91
8	Nilampur	0	62	62	0	146	146	0	208	208
9	Perinthalmanna	0	95	95	0	257	257	0	352	352
10	Perumpadappu	0	8	8	0	5	5	0	13	13
11	Ponnani	0	0	0	0	7	7	0	7	7
12	Thanur	0	10	10	0	31	31	0	41	41
13	Thirur	0	23	23	0	40	40	0	63	63
14	Thirurangadi	0	21	21	0	72	72	0	93	93
15	Vengara	0	40	40	0	39	39	0	79	79
16	Wandoor	0	58	58	0	67	67	0	125	125
Total :		0	662	662	0	1126	1126	0	1788	1788

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : MALAPPURAM

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchu		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	20	9	251	140	31	21	450	170	0		6	3	0		758	343
2	Corporation /Municipality	13	11	322	196	42	21	371	167	4	3	2	1	0		754	398
3	Kalikkadavu	1	1	166	107	90	118	148	123	0		9	8	0		414	356
4	Kondotty	38	7	177	76	28	8	818	316	2	1	0		2	0	1065	409
5	Kuttipuram	10	3	211	74	371	133	663	209	1	0	4	4	0		1260	424
6	Malappuram	31	15	155	67	34	16	362	153	4	2	7	7	0		593	260
7	Mankada	12	4	315	124	62	20	299	145	0		8	5	0		696	298
8	Nilampur	23	12	426	362	24	16	26	12	14	11	5	3	1	0	519	417
9	Perinthalmanna	46	30	698	448	13	13	304	202	3	3	3	2	0		1067	698
10	Perumpadappu	646	129	130	174	19	10	96	41	17	15	60	80	0		968	450
11	Ponnani	5	2	155	74	31	10	181	93	2	2	30	20	0		404	202
12	Thanur	35	13	262	67	154	57	721	182	0		13	6	1	0	1186	327
13	Thirur	129	44	108	48	208	102	528	424	1	0	1	1	0		975	619
14	Thirurangadi	23	8	153	58	34	23	657	250	1	0	3	1	2	0	873	340
15	Vengara	34	18	210	96	24	15	459	179	1	0	2	2	0		730	311
16	Wandoor	10	5	39	18	31	246	336	176	27	14	29	20	0		472	478
Total :		1076	311	3778	2129	1196	831	6419	2842	77	52	182	163	6	1	12734	6329

Table. XVIII (B)
NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : MALAPPURAM

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Areacode	23	486	82	861	1	1	43	288	0	0	2	2	0	0	151	1638
2	Corporation /Municipality	20	724	61	349	3	2	27	42	0	0	0	0	0	0	111	1117
3	Kalikkadavu	4	67	76	310	5	6	38	90	0	0	0	0	0	0	123	472
4	Kondotty	13	70	46	399	0	0	38	233	0	0	0	0	0	0	97	703
5	Kuttipuram	13	426	10	98	1	1	31	143	1	1	1	7	0	0	57	676
6	Malappuram	27	402	51	264	8	4	59	173	1	4	1	1	0	0	147	847
7	Mankada	5	12	72	417	3	5	4	2	0	0	0	0	1	1	85	437
8	Nilampur	28	1879	152	1242	2	28	2	1	15	12	2	2	1	2	202	3166
9	Perinthalmanna	19	120	234	3026	9	60	78	261	0	0	2	1	0	0	342	3468
10	Perumpadappu	0	0	10	664	0	0	0		0	0	0	0	0	0	10	664
11	Ponnani	3	729	3	2	0	0	1	66	0	0	0	0	0	0	7	797
12	Thanur	7	182	2	1	2	1	28	18	1	1	1	1	0	0	41	203
13	Thirur	26	600	13	228	6	7	17	213	0	0	0	0	0	0	62	1048
14	Thirurangadi	18	758	30	126	1	2	43	49	0	0	1	3	0	0	93	939
15	Vengara	38	1123	13	232	1	0	20	6	0	0	0	0	1	10	73	1370
16	Wandoor	25	646	56	841	4	245	36	558	0	0	0	0	0	0	121	2290
Total :		269	8224	911	9060	46	361	465	2143	18	18	10	16	3	13	1722	19834

KOZHIKKODE

**Table. I
MINOR IRRIGATION SCHEMES AT A GLANCE**

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Balussery	7	538	1	2	2	543	22	115	137	680
2	Chelannur	6	523	0	2	2	527	2	43	45	572
3	Corporation /Municipality	3	290	2	0	0	292	4	13	17	309
4	Koduvally	10	798	2	5	0	805	66	188	254	1059
5	Kozhikode	4	164	0	3	0	167	0	15	15	182
6	Kunnamangalam	9	467	3	0	1	471	8	136	144	615
7	Kunnumel	7	443	0	0	0	443	6	17	23	466
8	Melady	5	155	66	0	0	221	0	5	5	226
9	Panthalayani	5	438	3	0	0	441	2	29	31	472
10	Perampra	7	402	2	0	0	404	14	35	49	453
11	Thodannur	4	217	7	8	1	233	1	40	41	274
12	Thunery	7	506	1	2	0	509	23	80	103	612
13	Vadakara	4	229	8	2	0	239	6	8	14	253
Total :		78	5170	95	24	6	5295	154	724	878	6173

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOZHIKODE

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balussery	543	229	221	221	135	119	119	118	678	347	340	339
2	Chelannur	527	196	204	201	45	23	29	28	572	219	232	229
3	Corporation /Municipality	285	77	83	82	17	7	7	7	302	84	89	89
4	Koduvally	805	428	476	450	250	854	831	823	1055	1281	1307	1273
5	Kozhikode	167	49	63	60	15	5	7	6	182	54	70	66
6	Kunnamangalam	465	329	377	376	142	268	306	298	607	597	683	674
7	Kunnumel	443	189	190	190	23	162	128	118	466	351	318	308
8	Melady	221	61	67	62	5	2	2	2	226	62	68	64
9	Panthalayani	441	161	170	167	31	17	21	21	472	178	191	188
10	Perampra	403	214	220	216	49	312	111	108	452	526	331	324
11	Thodannur	230	122	119	117	40	190	113	113	270	312	232	230
12	Thunery	506	169	167	167	101	162	139	137	607	331	305	304
13	Vadakara	239	65	71	66	13	59	74	59	252	125	144	125
Total :		5275	2288	2427	2375	866	2179	1885	1838	6141	4467	4312	4213

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KOZHIKODE

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balussery	0	0	0		2	1	1	0	2	1	1	0
2	Chelannur	0	0	0		0	0	0		0	0	0	0
3	Corporation /Municipality	7	5	5	5	0	0	0		7	5	5	5
4	Koduvally	0	0	0		4	65	63	63	4	65	63	63
5	Kozhikode	0	0	0		0	0	0		0	0	0	0
6	Kunnamangalam	6	2	2	2	2	0	0	0	8	2	2	2
7	Kunnumel	0	0	0		0	0	0		0	0	0	0
8	Melady	0	0	0		0	0	0		0	0	0	0
9	Panthalayani	0	0	0		0	0	0		0	0	0	0
10	Perampra	1	2	2	0	0	0	0		1	2	2	0
11	Thodannur	3	2	2	2	1	2	1	1	4	4	3	3
12	Thunery	3	1	0	0	1	1	0	0	4	2	0	0
13	Vadakara	0	0	0		0	0	0		0	0	0	0
Total :		20	12	12	9	10	69	65	65	30	81	77	74

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : KOZHIKODE

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Balussery	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0
4	Koduvally	0	0	0	0	0	0	0	0	0
5	Kozhikode	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	0	0	0	0	0
7	Kunnumel	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0
10	Perampra	0	0	0	0	0	0	0	0	0
11	Thodannur	0	0	0	0	0	0	0	0	0
12	Thunery	0	0	0	1	7	0	1	7	0
13	Vadakara	0	0	0	1	0	0	1	0	0
Total :		0	0	0	2	7	0	2	7	0

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs.10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs.10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Balussery	18	446	76	3	0	0	543	31	74	29	3	0	0	137
2	Chelannur	1	222	294	10	0	0	527	13	26	5	0	0	1	45
3	Corporation /Municipality	63	194	16	19	0	0	292	3	14	0	0	0	0	17
4	Koduvally	54	659	71	20	1	0	805	51	135	23	23	8	14	254
5	Kozhikode	41	110	15	1	0	0	167	2	13	0	0	0	0	15
6	Kunnamangalam	57	281	124	6	3	0	471	83	45	12	3	1	0	144
7	Kunnumel	21	373	24	25	0	0	443	12	7	1	1	0	2	23
8	Melady	54	162	5	0	0	0	221	3	2	0	0	0	0	5
9	Panthalayani	30	403	6	2	0	0	441	9	21	0	1	0	0	31
10	Perampra	33	353	8	10	0	0	404	30	10	5	4	0	0	49
11	Thodannur	114	110	6	2	1	0	233	15	19	2	5	0	0	41
12	Thunery	14	447	27	18	2	1	509	75	20	3	3	0	2	103
13	Vadakara	61	171	6	1	0	0	239	1	3	1	8	1	0	14
Total :		561	3931	678	117	7	1	5295	328	389	81	51	10	19	878

Table. V (Continued..)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Balussery	49	520	105	6	0	0	680
2	Chelannur	14	248	299	10	0	1	572
3	Corporation /Municipality	66	208	16	19	0	0	309
4	Koduvally	105	794	94	43	9	14	1059
5	Kozhikode	43	123	15	1	0	0	182
6	Kunnamangalam	140	326	136	9	4	0	615
7	Kunnumel	33	380	25	26	0	2	466
8	Melady	57	164	5	0	0	0	226
9	Panthalayani	39	424	6	3	0	0	472
10	Perampra	63	363	13	14	0	0	453
11	Thodannur	129	129	8	7	1	0	274
12	Thunery	89	467	30	21	2	3	612
13	Vadakara	62	174	7	9	1	0	253
Total :		889	4320	759	168	17	20	6173

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : KOZHIKODE

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Balussery	0	17	194	10	221	0	2	112	3	118	0	19	307	13	339
2	Chelannur	2	8	161	29	201	2	4	14	8	28	4	12	175	37	229
3	Corporation /Municipality	4	9	68	7	88	0	1	6	0	7	4	10	74	7	94
4	Koduvally	14	30	353	52	450	4	9	851	23	886	18	39	1204	75	1336
5	Kozhikode	14	13	30	3	60	2	1	1	1	6	16	15	32	3	66
6	Kunnamangalam	23	52	266	38	378	22	28	219	29	299	45	80	485	67	676
7	Kunnumel	0	5	169	15	190	11	44	56	7	118	11	49	225	23	308
8	Melady	4	8	45	4	62	0	0	2	0	2	4	8	47	4	63
9	Panthalayani	8	9	141	9	167	4	5	10	1	21	12	14	151	10	188
10	Perampra	5	7	185	19	216	9	34	24	42	108	14	41	209	61	324
11	Thodannur	7	10	94	8	119	3	20	18	72	113	11	31	111	80	232
12	Thunery	0	9	153	5	167	0	7	121	9	137	0	16	274	14	303
13	Vadakara	1	9	49	7	66	0	15	31	13	59	1	25	80	19	124
Total :		82	188	1909	204	2383	57	171	1464	209	1901	139	359	3373	413	4284

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : KOZHIKODE

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Balussery	0	3	24	6	34	0	0	7	1	8	0	3	32	7	42
2	Chelannur	0	0	1	1	2	0	0	0	0	0	0	0	1	1	2
3	Corporation /Municipality	3	6	16	6	31	0	0	0	0	0	3	6	16	6	31
4	Koduvally	0	0	0	0	0	0	1	3	0	4	0	1	3	0	4
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kunnumel	0	2	51	1	54	0	0	3	0	3	0	2	54	2	57
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	5	6	31	1	44	4	4	5	0	13	9	10	36	1	56
10	Perampra	4	7	101	11	123	6	33	21	42	102	10	40	123	53	225
11	Thodannur	1	1	20	1	23	0	14	1	64	79	1	15	21	65	101
12	Thunery	0	0	13	0	13	0	0	4	0	4	0	0	16	0	16
13	Vadakara	0	0	5	0	5	0	0	0	0	0	0	0	5	0	6
Total :		13	25	263	27	328	10	51	44	108	213	23	77	307	135	541

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl .No	Block	Ground Water Schemes											
		With One lifting Device					With two lifting Device					Total (8 +13)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others		Total (9 to 12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balusserly	53	486	0	1	0	540	2	0	0	1	3	543
2	Chelannur	6	520	0	0	0	526	0	0	0	1	1	527
3	Corporation /Municipality	34	239	0	0	3	276	3	0	0	13	16	292
4	Koduvally	21	749	0	3	5	778	4	0	0	23	27	805
5	Kozhikode	9	140	0	0	0	149	1	0	0	17	18	167
6	Kunnamangalam	31	290	1	8	0	330	7	0	1	133	141	471
7	Kunnumel	15	427	1	0	0	443	0	0	0	0	0	443
8	Melady	0	221	0	0	0	221	0	0	0	0	0	221
9	Panthalayani	21	403	0	0	0	424	1	0	0	16	17	441
10	Perampra	25	371	0	0	8	404	0	0	0	0	0	404
11	Thodannur	23	129	0	0	0	152	7	0	0	74	81	233
12	Thunery	78	394	0	0	33	505	0	0	0	4	4	509
13	Vadakara	27	148	0	0	0	175	2	0	0	62	64	239
Total :		343	4517	2	12	49	4923	27	0	1	344	372	5295

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device					With two lifting Device						
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8 + 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balussery	4	95	0	8	5	112	1	0	0	1	2	114
2	Chelannur	2	39	0	1	0	42	1	0	0	0	1	43
3	Corporation /Municipality	1	12	0	0	0	13	0	0	0	0	0	13
4	Koduvally	12	169	0	0	2	183	1	0	0	4	5	188
5	Kozhikode	1	3	0	0	0	4	0	0	0	11	11	15
6	Kunnamangalam	4	76	0	1	0	81	1	0	0	54	55	136
7	Kunnumel	12	5	0	0	0	17	0	0	0	0	0	17
8	Melady	0	5	0	0	0	5	0	0	0	0	0	5
9	Panthalayani	0	28	0	0	0	28	1	0	0	0	1	29
10	Perampira	0	32	0	0	3	35	0	0	0	0	0	35
11	Thodannur	1	22	0	0	0	23	7	0	0	10	17	40
12	Thunery	14	27	0	0	35	76	0	0	0	4	4	80
13	Vadakara	0	4	0	0	0	4	0	0	0	4	4	8
Total :		51	517	0	10	45	623	12	0	0	88	100	723

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl.No.	Block	Ground Water Schemes															
		With one source of energy							With Two source of energy							Total (9 + 17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Total (10 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balusserly	519	18	0	1	1	0	539	2	0	0	0	1	0	1	4	543
2	Chelannur	522	4	0	0	0	0	526	0	0	0	0	0	0	1	1	527
3	Corporation /Municipality	267	5	0	0	1	1	274	5	0	0	0	0	0	13	18	292
4	Koduvally	758	10	0	0	4	4	776	3	0	1	0	0	0	25	29	805
5	Kozhikode	147	0	0	0	1	0	148	0	0	0	0	0	0	19	19	167
6	Kunnamangalam	296	19	0	0	12	0	327	7	0	2	0	2	0	133	144	471
7	Kunnumel	443	0	0	0	0	0	443	0	0	0	0	0	0	0	0	443
8	Melady	220	1	0	0	0	0	221	0	0	0	0	0	0	0	0	221
9	Panthalayani	414	5	0	0	0	2	421	2	0	0	0	0	0	18	20	441
10	Perampra	395	4	0	0	0	4	403	1	0	0	0	0	0	0	1	404
11	Thodannur	154	0	0	0	0	1	155	2	0	0	0	0	0	76	78	233
12	Thunery	466	5	0	0	29	3	503	1	0	0	0	0	0	5	6	509
13	Vadakara	176	0	0	0	0	1	177	0	0	0	0	0	0	62	62	239
Total :		4777	71	0	1	48	16	4913	23	0	3	0	3	0	353	382	5295

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															Total (9+ 17)
		With one source of energy							With two Source of Energy							Toatl (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balusserly	93	11	0	0	8	0	112	1	0	0	0	0	0	1	2	114
2	Chelannur	30	11	0	0	1	0	42	0	0	0	0	0	0	1	1	43
3	Corporation /Municipality	13	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
4	Koduvally	171	5	0	0	1	3	180	4	0	0	0	0	0	4	8	188
5	Kozhikode	4	0	0	0	0	0	4	0	0	0	0	0	0	11	11	15
6	Kunnamangalam	46	30	0	1	1	0	78	3	0	0	0	1	0	54	58	136
7	Kunnumel	17	0	0	0	0	0	17	0	0	0	0	0	0	0	0	17
8	Melady	5	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
9	Panthalayani	15	14	0	0	0	0	29	0	0	0	0	0	0	0	0	29
10	Perampra	29	4	0	0	0	2	35	0	0	0	0	0	0	0	0	35
11	Thodannur	13	6	0	0	0	3	22	6	0	0	0	0	0	12	18	40
12	Thunery	37	6	0	0	28	5	76	0	0	0	0	0	0	4	4	80
13	Vadakara	4	0	0	0	0	0	4	0	0	0	0	0	0	4	4	8
Total :		477	87	0	1	39	13	617	14	0	0	0	1	0	91	106	723

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOZHIKODE

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	2	1	1	1	2	0	0	0	1	4	4	4	0	0	0	0
4	Koduvally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	4	1	1	1	0	0	0	0	1	0	0	0
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perampra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thodannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thunery	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	1	1	1	9	2	1	1	1	4	4	4	1	0	0	0

Table. X (A) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOZHIKODE

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Balussery	0	0	0	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	2	0	0	0	7	5	5	5
4	Koduvally	0	0	0	0	0	0	0	0	0	0	0	0
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	1	0	0	0	6	2	2	2
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0
10	Perampira	0	0	0	0	1	2	2	0	1	2	2	0
11	Thodannur	0	0	0	0	3	2	2	2	3	2	2	2
12	Thunery	0	0	0	0	0	0	0	0	3	1	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	7	5	5	3	20	12	12	9

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOZHIKODE

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balussery	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Koduvally	1	44	44	44	0	0	0	0	0	0	0	0	0	0	0	0
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perampra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thodannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thunery	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	44	44	44	2	1	0	0	1	1	0	0	0	0	0	0

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KOZHIKODE

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Balussery	0	0	0	0	0	0	0	0	1	1	1	0	2	1	1	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Koduvally	1	19	19	19	0	0	0	0	2	1	0	0	4	65	63	63
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perampra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thodannur	0	0	0	0	0	0	0	0	1	2	1	1	1	2	1	1
12	Thunery	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	19	19	19	0	0	0	0	5	4	2	1	10	69	65	65

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOZHIKODE

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Balussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Koduvally	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Kunnamangalam	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
10	Perampra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
11	Thodannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
12	Thunery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KOZHIKODE

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balussery	0	.	0	.	0	.	0	0	0	.	0	.
2	Chelannur	0	.	0	.	0	.	0	0	0	.	0	.
3	Corporation /Municipality	0	.	0	.	0	.	0	0	0	.	0	.
4	Koduvally	0	.	0	.	0	.	0	0	0	.	0	.
5	Kozhikode	0	.	0	.	0	.	0	0	0	.	0	.
6	Kunnamangalam	0	.	0	.	0	.	0	0	0	.	0	.
7	Kunnumel	0	.	0	.	0	.	0	0	0	.	0	.
8	Melady	0	.	0	.	0	.	0	0	0	.	0	.
9	Panthalayani	0	.	0	.	0	.	0	0	0	.	0	.
10	Perampra	0	.	0	.	0	.	0	0	0	.	0	.
11	Thodannur	0	.	0	.	0	.	0	0	0	.	0	.
12	Thunery	1	.	0	.	0	.	0	0	0	.	1	.
13	Vadakara	0	.	0	.	0	.	0	0	1	.	1	.
Total		1	.	0	.	0	.	0	0	1	.	2	.

Table. XII (A)
NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOZHIKODE

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Balusserly	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	1	0	0	0	0	0	0	0	0	0	1	0
4	Koduvally	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	0	0	1	0	0	0	0	0	0	0	0	0	1	0
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	11	2	11	2
10	Perampira	0	0	4	0	0	0	0	0	0	0	0	0	4	0
11	Thodannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	Thunery	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	6	0	0	0	0	0	0	0	11	2	17	3

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KOZHIKODE

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balussery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Chelannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Koduvally	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
5	Kozhikode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kunnamangalam	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
7	Kunnumel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Melady	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Panthalayani	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Perampra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thodannur	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
12	Thunery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Vadakara	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		2	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Balussery	0	0	0	0	0	1	542	543	543
2	Chelannur	1	0	0	0	1	0	526	526	527
3	Corporation /Municipality	1	0	0	1	2	3	287	290	292
4	Koduvally	1	0	0	8	9	2	794	796	805
5	Kozhikode	0	0	0	1	1	5	161	166	167
6	Kunnamangalam	0	0	6	0	6	1	464	465	471
7	Kunnumel	1	0	0	0	1	0	442	442	443
8	Melady	0	0	0	0	0	0	221	221	221
9	Panthalayani	0	5	1	1	7	2	432	434	441
10	Perampra	1	0	0	0	1	1	402	403	404
11	Thodannur	1	0	4	0	5	0	228	228	233
12	Thunery	0	0	0	0	0	0	509	509	509
13	Vadakara	0	1	0	0	1	2	236	238	239
Total :		6	6	11	11	34	17	5244	5261	5295

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Balussery	0	0	0	3	3	1	133	134	137
2	Chelannur	1	0	0	0	1	3	41	44	45
3	Corporation /Municipality	0	0	0	0	0	0	17	17	17
4	Koduvally	23	0	1	7	31	6	217	223	254
5	Kozhikode	0	0	0	0	0	1	14	15	15
6	Kunnamangalam	3	0	4	3	10	1	133	134	144
7	Kunnumel	3	0	0	0	3	0	20	20	23
8	Melady	0	0	0	0	0	0	5	5	5
9	Panthalayani	0	0	1	0	1	0	30	30	31
10	Perampra	2	0	0	2	4	0	45	45	49
11	Thodannur	0	0	1	0	1	3	37	40	41
12	Thunery	13	0	1	1	15	2	86	88	103
13	Vadakara	4	0	0	0	4	2	8	10	14
Total :		49	0	8	16	73	19	786	805	878

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Balussery	480	52	8	2	0	542	60	43	27	3	0	133
2	Chelannur	498	27	1	0	0	526	36	5	0	0	0	41
3	Corporation /Municipality	280	6	1	0	0	287	14	3	0	0	0	17
4	Koduvally	649	106	31	5	3	794	91	85	34	5	2	217
5	Kozhikode	157	4	0	0	0	161	14	0	0	0	0	14
6	Kunnamangalam	383	60	17	3	1	464	101	30	2	0	0	133
7	Kunnumel	398	36	4	1	3	442	12	6	2	0	0	20
8	Melady	216	5	0	0	0	221	5	0	0	0	0	5
9	Panthalayani	416	15	0	1	0	432	24	5	1	0	0	30
10	Perampira	344	50	7	1	0	402	24	16	5	0	0	45
11	Thodannur	201	21	5	1	0	228	15	18	3	1	0	37
12	Thunery	466	33	6	3	1	509	61	17	5	2	1	86
13	Vadakara	232	2	2	0	0	236	8	0	0	0	0	8
Total :		4720	417	82	17	8	5244	465	228	79	11	3	786

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Balusserly	12	1	286	243	542	1	543	2	0	29	102	133	4	137
2	Chelannur	6	0	284	236	526	1	527	0	0	21	20	41	4	45
3	Corporation /Municipality	1	3	168	115	287	5	292	1	0	8	8	17	0	17
4	Koduvally	4	2	477	311	794	11	805	1	1	53	162	217	37	254
5	Kozhikode	2	0	97	62	161	6	167	0	0	11	3	14	1	15
6	Kunnamangalam	10	0	232	222	464	7	471	1	0	73	59	133	11	144
7	Kunnumel	4	1	313	124	442	1	443	0	0	11	9	20	3	23
8	Melady	6	1	198	16	221	0	221	0	0	5	0	5	0	5
9	Panthalayani	0	0	247	185	432	9	441	0	0	19	11	30	1	31
10	Perampra	3	0	218	181	402	2	404	0	0	22	23	45	4	49
11	Thodannur	3	0	121	104	228	5	233	0	0	17	20	37	4	41
12	Thunery	4	5	366	134	509	0	509	1	1	67	17	86	17	103
13	Vadakara	5	0	174	57	236	3	239	0	0	5	3	8	6	14
Total :		60	13	3181	1990	5244	51	5295	6	2	341	437	786	92	878

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Balussery	11	0	154	0	0	165	256	64	0	56	0	1	0	377	542
2	Chelannur	31	1	300	0	0	332	98	89	0	2	0	0	5	194	526
3	Corporation /Municipality	0	28	95	3	6	132	24	78	13	19	0	2	19	155	287
4	Koduvally	3	2	396	0	0	401	107	223	0	0	0	0	63	393	794
5	Kozhikode	3	2	103	0	0	108	7	15	0	0	0	0	31	53	161
6	Kunnamangalam	3	15	127	0	8	153	104	87	13	1	1	0	105	311	464
7	Kunnumel	13	1	365	0	0	379	50	7	1	1	0	0	4	63	442
8	Melady	1	6	179	0	0	186	32	2	0	0	0	0	1	35	221
9	Panthalayani	17	3	378	0	1	399	31	1	0	0	0	0	1	33	432
10	Perampra	1	1	253	0	4	259	124	13	0	0	0	0	6	143	402
11	Thodannur	8	0	141	0	0	149	74	3	0	2	0	0	0	79	228
12	Thunery	2	0	438	0	3	443	43	23	0	0	0	0	0	66	509
13	Vadakara	0	0	189	0	0	189	45	0	0	1	0	0	1	47	236
Total :		93	59	3118	3	22	3295	995	605	27	82	1	3	236	1949	5244

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Balussery	0	0	106	0	8	114	16	3	0	0	0	0	0	19	133
2	Chelannur	0	0	16	0	0	16	4	11	0	0	0	0	10	25	41
3	Corporation /Municipality	0	7	9	0	0	16	1	0	13	0	0	0	-13	1	17
4	Koduvally	2	1	125	0	0	128	42	7	0	0	0	0	40	89	217
5	Kozhikode	0	0	12	0	0	12	0	2	0	0	0	0	0	2	14
6	Kunnamangalam	2	9	41	0	3	55	22	14	13	1	0	0	28	78	133
7	Kunnumel	0	1	14	0	0	15	2	2	1	1	0	0	-1	5	20
8	Melady	0	0	5	0	0	5	0	0	0	0	0	0	0	0	5
9	Panthalayani	4	0	25	0	0	29	1	0	0	0	0	0	0	1	30
10	Perampra	3	0	20	0	1	24	13	2	0	0	0	0	6	21	45
11	Thodannur	0	0	20	0	0	20	16	1	0	0	0	0	0	17	37
12	Thunery	0	0	37	0	39	76	6	4	0	0	0	0	0	10	86
13	Vadakara	0	1	6	0	0	7	0	1	0	0	0	0	0	1	8
Total :		11	19	436	0	51	517	123	47	27	2	0	0	70	269	786

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOZHIKODE

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewell			Medium Tubewell			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Balussery	0	538	538	0	1	1	0	2	2	0	2	2	0	543	543
2	Chelannur	0	523	523	0	0	0	0	2	2	0	2	2	0	527	527
3	Corporation /Municipality	0	290	290	0	2	2	0	0	0	0	0	0	0	292	292
4	Koduvally	0	798	798	0	2	2	0	5	5	0	0	0	0	805	805
5	Kozhikode	0	164	164	0	0	0	0	3	3	0	0	0	0	167	167
6	Kunnamangalam	0	467	467	0	3	3	0	0	0	0	1	1	0	471	471
7	Kunnumel	0	443	443	0	0	0	0	0	0	0	0	0	0	443	443
8	Melady	0	155	155	0	66	66	0	0	0	0	0	0	0	221	221
9	Panthalayani	0	438	438	0	3	3	0	0	0	0	0	0	0	441	441
10	Perampra	0	402	402	0	2	2	0	0	0	0	0	0	0	404	404
11	Thodannur	0	217	217	0	7	7	0	8	8	0	1	1	0	233	233
12	Thunery	0	506	506	0	1	1	0	2	2	0	0	0	0	509	509
13	Vadakara	0	229	229	0	8	8	0	2	2	0	0	0	0	239	239
Total :		0	5170	5170	0	95	95	0	24	24	0	6	6	0	5295	5295

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KOZHIKODE

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Balussery	0	22	22	0	115	115	0	137	137
2	Chelannur	0	2	2	0	43	43	0	45	45
3	Corporation /Municipality	0	4	4	0	13	13	0	17	17
4	Koduvally	0	66	66	0	188	188	0	254	254
5	Kozhikode	0	0	0	0	15	15	0	15	15
6	Kunnamangalam	0	8	8	0	136	136	0	144	144
7	Kunnumel	0	6	6	0	17	17	0	23	23
8	Melady	0	0	0	0	5	5	0	5	5
9	Panthalayani	0	2	2	0	29	29	0	31	31
10	Perampra	0	14	14	0	35	35	0	49	49
11	Thodannur	0	1	1	0	40	40	0	41	41
12	Thunery	0	23	23	0	80	80	0	103	103
13	Vadakara	0	6	6	0	8	8	0	14	14
Total :		0	154	154	0	724	724	0	878	878

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOZHIKODE

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balusserly	10	8	12	11	18	5	493	190	0		9	7	1	0	543	221
2	Chelannur	2	0	3	1	0		520	199	2	1	0		0		527	201
3	Corporation /Municipality	13	3	25	8	4	2	220	60	1	1	11	5	11	4	285	82
4	Koduvally	1	2	141	96	84	21	505	292	6	3	24	18	44	17	805	450
5	Kozhikode	2	2	2	1	2	1	161	57	0		0		0		167	60
6	Kunnamangalam	9	10	151	91	21	129	223	106	0		54	39	7	1	465	376
7	Kunnumel	1	0	441	189	1	0	0		0		0		0		443	190
8	Melady	0		82	24	1	1	133	34	0		5	3	0		221	62
9	Panthalayani	6	2	3	2	0		423	161	3	1	0		6	2	441	167
10	Perampira	3	2	2	1	3	1	389	207	0		1	1	5	4	403	216
11	Thodannur	0		1	0	4	12	220	101	1	2	2	2	2	1	230	117
12	Thunery	7	2	3	2	3	1	458	150	2	2	1	1	32	9	506	167
13	Vadakara	1	0	1	1	12	5	218	58	0		1	1	6	2	239	66
Total :		55	30	867	426	153	178	3963	1613	15	9	108	77	114	39	5275	2373

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KOZHIKODE

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Balussery	2	1	16	10	2	1	85	77	3	4	20	22	7	3	135	118
2	Chelannur	2	2	6	3	0	0	36	22	0	0	0	0	1	1	45	28
3	Corporation /Municipality	5	1	8	3	1	0	2	0	0	0	0	0	1	1	17	7
4	Koduvally	4	78	60	492	5	24	126	162	3	3	46	57	6	7	250	823
5	Kozhikode	0	0	2	1	0	0	6	2	0	0	0	0	7	2	15	6
6	Kunnamangalam	8	143	64	46	3	52	65	41	0	0	0	0	2	17	142	298
7	Kunnumel	1	1	22	117	0	0	0		0	0	0	0	0	0	23	118
8	Melady	0	0	0	0	0	0	5	2	0	0	0	0	0	0	5	2
9	Panthalayani	0	0	2	2	0	0	26	17	0	0	0	0	3	2	31	21
10	Perampra	1	1	14	39	2	36	24	24	0	0	2	3	6	6	49	108
11	Thodannur	0	0	1	0	0	0	39	112	0	0	0	0	0	0	40	113
12	Thunery	2	0	10	29	2	2	53	43	1	1	0	0	33	63	101	137
13	Vadakara	0	0	7	57	0	0	6	1	0	0	0	0	0	0	13	59
Total :		25	228	212	800	15	114	473	503	7	8	68	81	66	103	866	1837

WAYANAD

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : WAYANAD

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes									
			Ground Water					Surface Water			Grand Total (8+11)	
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (4+5+6+7)	S. Flow Scheme	S. Lift Scheme	Total (9+10)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
1	Corporation /Municipality	1	0	0	0	0	0	0	0	5	5	5
2	Kalpatta	9	17	0	0	0	17	145	257	402	419	
3	Mananthavadi	6	65	1	0	0	66	151	212	363	429	
4	Panamaram	5	5	0	2	4	11	82	141	223	234	
5	Sulthanbathery	5	7	0	1	1	9	91	71	162	171	
Total :		26	94	1	3	5	103	469	686	1155	1258	

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : WAYANAD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0		5	11	14	14	5	11	14	14
2	Kalpatta	17	11	11	11	400	5179	5558	5364	417	5189	5569	5375
3	Mananthavadi	66	57	58	55	351	1946	2674	2090	417	2003	2732	2145
4	Panamaram	11	22	24	23	210	2225	3676	3120	221	2246	3699	3143
5	Sulthanbathery	9	20	13	12	142	1806	2268	1884	151	1827	2281	1896
Total :		103	110	106	101	1108	11167	14189	12472	1211	11276	14295	12573

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : WAYANAD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0		0	0	0		0	0	0	0
2	Kalpatta	0	0	0		2	38	42	41	2	38	42	41
3	Mananthavadi	0	0	0		10	126	115	0	10	126	115	0
4	Panamaram	0	0	0		11	72	102	84	11	72	102	84
5	Sulthanbathery	0	0	0		14	156	139	27	14	156	139	27
Total :		0	0	0		37	392	399	152	37	392	399	152

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : WAYANAD

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	0
3	Mananthavadi	0	0	0	2	44	58	2	44	58
4	Panamaram	0	0	0	2	28	34	2	28	34
5	Sulthanbathery	0	0	0	6	138	143	6	138	143
Total :		0	0	0	10	211	235	10	211	235

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	0	0	0	0	0	0	3	0	1	0	0	1	5
2	Kalpatta	0	4	10	2	1	0	17	92	76	79	111	28	16	402
3	Mananthavadi	0	42	11	13	0	0	66	5	42	86	202	12	16	363
4	Panamaram	0	1	9	1	0	0	11	40	17	16	66	33	51	223
5	Sulthanbathery	0	5	2	2	0	0	9	10	37	20	42	26	27	162
Total :		0	52	32	18	1	0	103	150	172	202	421	99	111	1155

Table. V (Continued.....)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						Total (17 to 22)
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Corporation /Municipality	3	0	1	0	0	1	5
2	Kalpatta	92	80	89	113	29	16	419
3	Mananthavadi	5	84	97	215	12	16	429
4	Panamaram	40	18	25	67	33	51	234
5	Sulthanbathery	10	42	22	44	26	27	171
Total :		150	224	234	439	100	111	1258

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : WAYANAD

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality					0	3	6	3	2	14	3	6	3	2	14
2	Kalpatta	2	1	8	0	11	806	355	4167	78	5405	807	356	4175	78	5416
3	Mananthavadi	14	13	18	9	55	644	607	613	226	2090	658	620	631	235	2145
4	Panamaram	3	2	14	5	23	1618	961	345	280	3204	1621	963	359	285	3227
5	Sulthanbathery	3	2	6	1	12	694	375	513	328	1911	697	377	519	329	1923
Total :		21	18	47	15	101	3765	2304	5640	914	12624	3787	2322	5687	930	12725

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : WAYANAD

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	0	0	0	.	0	0	0	0	.	.	.	.	.	.
2	Kalpatta	0	0	0	0	.	0	0	0	0	.	.	.	.	.	.
3	Mananthavadi	0	0	0	0	.	0	0	0	0	.	.	.	.	.	.
4	Panamaram	0	0	0	0	.	0	0	0	0	.	.	.	.	.	.
5	Sulthanbathery	0	0	0	0	.	0	0	0	0	.	.	.	.	.	.
Total :		.	.	.	.	.	0	0	0	0	.	.	.	.	.	0.00

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : WAYANAD

(In Nos.)

SI No	Block	Ground Water Schemes												
		With One lifting Device					With two lifting Device					Total (8 +13)		
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others		Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	10	5	0	2	0	17	0	0	0	0	0	0	17
3	Mananthavadi	1	24	0	41	0	66	0	0	0	0	0	0	66
4	Panamaram	6	4	0	0	0	10	1	0	0	0	0	1	11
5	Sulthanbathery	6	3	0	0	0	9	0	0	0	0	0	0	9
Total :		23	36	0	43	0	102	1	0	0	0	0	1	103

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : WAYANAD

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device					With two lifting Device							
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	Total (20 + 25)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	5	5	5
2	Kalpatta	52	159	0	19	5	235	2	0	0	0	20	22	257
3	Mananthavadi	4	196	0	3	1	204	5	0	0	0	0	5	209
4	Panamaram	4	129	0	1	0	134	2	0	0	0	3	5	139
5	Sulthanbathery	2	56	0	1	3	62	1	0	0	0	1	2	64
Total :		62	540	0	24	9	635	10	0	0	0	29	39	674

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : WAYANAD

(In Nos.)

Sl.No.	Block	Ground Water Schemes															Total (9 + 17)	
		With one source of energy							With Two source of energy							Total (10 to 16)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	14	0	0	0	3	0	17	0	0	0	0	0	0	0	0	0	17
3	Mananthavadi	25	0	0	0	41	0	66	0	0	0	0	0	0	0	0	0	66
4	Panamaram	8	3	0	0	0	0	11	0	0	0	0	0	0	0	0	0	11
5	Sulthanbathery	7	1	0	0	0	0	8	1	0	0	0	0	0	0	0	1	9
Total :		54	4	0	0	44	0	102	1	0	0	0	0	0	0	0	1	103

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : WAYANAD

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)																
		With one source of energy							With two Source of Energy							Total (9+ 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Toatl (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5	5
2	Kalpatta	159	48	0	0	19	4	230	8	0	0	0	0	0	0	19	27	257
3	Mananthavadi	124	76	0	0	3	1	204	5	0	0	0	0	0	0	0	5	209
4	Panamaram	82	51	0	0	1	0	134	3	0	0	0	0	0	0	2	5	139
5	Sulthanbathery	39	16	0	0	1	6	62	1	0	0	0	0	0	0	1	2	64
Total :		404	191	0	0	24	11	630	17	0	0	0	0	0	0	27	44	674

Table. X (A)

NUMBER OF SCHEMES TEMPORARILY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : WAYANAD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Mananthavadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Panamaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Sulthanbathery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Table. X (A) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : WAYANAD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	0	0	0	0
3	Mananthavadi	0	0	0	0	0	0	0	0	0	0	0	0
4	Panamaram	0	0	0	0	0	0	0	0	0	0	0	0
5	Sulthanbathery	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	0	0	0	0	0	0	0	0

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : WAYANAD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0
3	Mananthavadi	0	0	0	0	1	4	4	0	0	0	0	0	1	13	10	0
4	Panamaram	0	0	0	0	0	0	0	0	2	4	5	5	3	27	37	33
5	Sulthanbathery	0	0	0	0	0	0	0	0	1	16	6	4	5	119	112	22
Total :		0	0	0	0	1	4	4	0	4	21	12	9	9	159	159	55

Table. X (B) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : WAYANAD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	1	37	41	41	2	38	42	41
3	Mananthavadi	2	1	0	0	2	32	17	0	4	76	84	0	10	126	115	0
4	Panamaram	1	4	5	0	0	0	0	0	5	37	55	46	11	72	102	84
5	Sulthanbathery	0	0	0	0	0	0	0	0	8	21	22	1	14	156	139	27
Total :		3	5	5	0	2	32	17	0	18	170	203	88	37	392	399	152

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : WAYANAD

(Area in Ha)

Sl. No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Kalpatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Mananthavadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Panamaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Sulthanbathery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : WAYANAD

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	0	0	0	0	0	0	0	0	0	0
3	Mananthavadi	0	0	0	0	0	0	0	0	2	58	2	58
4	Panamaram	0	0	0	0	0	0	0	0	2	34	2	34
5	Sulthanbathery	0	0	0	0	2	0	0	0	4	143	6	143
Total		0	0	0	0	2	0	0	0	8	235	10	235

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : WAYANAD

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	.	0	.	0	.	0	.	0	.	0	.	0	.
2	Kalpatta	1	.	0	.	0	.	0	.	0	.	2	.	3	.
3	Mananthavadi	0	.	0	.	0	.	0	.	0	.	0	.	0	.
4	Panamaram	0	.	0	.	0	.	0	.	0	.	0	.	0	.
5	Sulthanbathery	0	.	0	.	0	.	0	.	0	.	0	.	0	.
Total :		1	.	0	.	0	.	0	.	0	.	2	.	3	.

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : WAYANAD

Area in ha.

Sl. No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	0	2	0	0	0	0	0	12	51	0	0	2	0	16	51
3	Mananthavadi	1	0	0	0	2	26	0	0	0	0	0	0	2	5	5	31
4	Panamaram	0	0	0	0	11	146	2	5	1	9	0	0	3	15	17	174
5	Sulthanbathery	0	0	0	0	1	1	0	0	0	0	0	0	3	3	4	3
Total :		1	0	2	0	14	172	2	5	13	60	0	0	10	22	42	259

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	Ground water schemes owned by									
		Public					Private			Grand Total (7+10)	
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	1	0	1	0	2	0	15	15	17	
3	Mananthavadi	54	3	2	1	60	6	0	6	66	
4	Panamaram	0	0	0	0	0	0	11	11	11	
5	Sulthanbathery	2	0	0	0	2	0	7	7	9	
Total :		57	3	3	1	64	6	33	39	103	

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	1	0	1	0	4	4	5
2	Kalpatta	106	7	19	6	138	26	238	264	402
3	Mananthavadi	79	15	26	31	151	8	204	212	363
4	Panamaram	88	1	50	0	139	17	67	84	223
5	Sulthanbathery	90	0	4	0	94	0	68	68	162
Total :		363	23	100	37	523	51	581	632	1155

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : WAYANAD

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0	0	0	0	1	0	2	1	0	4
2	Kalpatta	13	1	1	0	0	15	65	79	53	28	13	238
3	Mananthavadi	0	0	0	0	0	0	53	81	51	17	2	204
4	Panamaram	2	3	5	1	0	11	18	22	20	6	1	67
5	Sulthanbathery	2	4	1	0	0	7	29	23	10	6	0	68
Total :		17	8	7	1	0	33	166	205	136	58	16	581

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner							Social Status of Owner						
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmers	Total (7+8)	Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)	Owned by other than individual farmers	Total (14+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	3	1	4	1	5
2	Kalpatta	0	0	0	15	15	2	17	0	7	30	201	238	164	402
3	Mananthavadi	0	0	0	0	0	66	66	0	7	3	194	204	159	363
4	Panamaram	0	3	3	5	11	0	11	2	2	9	54	67	156	223
5	Sulthanbathery	0	0	2	5	7	2	9	1	0	26	41	68	94	162
Total :		0	3	5	25	33	70	103	3	16	71	491	581	574	1155

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : WAYANAD

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)	
		With one source of Finance						With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	1	4	0	0	5	6	4	0	0	0	0	0	0	10	15
3	Mananthavadi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Panamaram	0	3	1	0	0	4	0	7	0	0	0	0	0	0	7	11
5	Sulthanbathery	0	0	4	0	0	4	3	0	0	0	0	0	0	0	3	7
Total :		0	4	9	0	0	13	9	11	0	0	0	0	0	0	20	33

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)	
		With one source of Finance						With two Sources of finance									
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	0	3	0	0	3	0	0	0	0	0	0	0	1	1	4
2	Kalpatta	0	12	201	0	2	215	7	15	0	0	0	0	0	1	23	238
3	Mananthavadi	22	21	5	0	112	160	20	15	0	5	0	0	0	4	44	204
4	Panamaram	0	4	45	0	0	49	8	10	0	0	0	0	0	0	18	67
5	Sulthanbathery	0	22	18	0	0	40	13	10	0	4	0	0	0	1	28	68
Total :		22	59	272	0	114	467	48	50	0	9	0	0	0	7	114	581

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : WAYANAD

(In Nos.)

Sl. No.	Block	Ground Water Schemes															
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total			
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kalpatta	0	17	17	0	0	0	0	0	0	0	0	0	0	17	17	
3	Mananthavadi	0	65	65	0	1	1	0	0	0	0	0	0	0	66	66	
4	Panamaram	0	5	5	0	0	0	0	2	2	0	4	4	0	11	11	
5	Sulthanbathery	0	7	7	0	0	0	0	1	1	0	1	1	0	9	9	
Total :		0	94	94	0	1	1	0	3	3	0	5	5	0	103	103	

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : WAYANAD

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	0	5	5	0	5	5
2	Kalpatta	0	145	145	0	257	257	0	402	402
3	Mananthavadi	0	151	151	0	212	212	0	363	363
4	Panamaram	0	82	82	0	141	141	0	223	223
5	Sulthanbathery	0	91	91	0	71	71	0	162	162
Total :		0	469	469	0	686	686	0	1155	1155

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : WAYANAD

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0		0		0		0		0		0		0		0	0
2	Kalpatta	3	1	1	0	0		1	0	1	0	1	3	10	6	17	11
3	Mananthavadi	0		12	16	1	0	14	4	1	0	0		38	35	66	55
4	Panamaram	0		2	4	0		4	6	0		5	13	0		11	23
5	Sulthanbathery	0		1	1	0		3	7	0		5	4	0		9	12
Total :		3	1	16	20	1	0	22	18	2	0	11	21	48	41	103	101

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : WAYANAD

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	5	14	0	0	0		0	0	0	0	0	0	5	14
2	Kalpatta	54	860	106	874	4	10	72	351	2	26	94	3141	68	102	400	5364
3	Mananthavadi	41	960	187	621	14	47	72	309	0	0	14	32	23	122	351	2090
4	Panamaram	48	1557	49	625	0	0	84	817	0	0	7	39	22	82	210	3120
5	Sulthanbathery	56	1510	46	257	1	0	31	49	0	0	6	11	2	56	142	1884
Total :		199	4886	393	2391	19	57	259	1526	2	26	121	3224	115	361	1108	12471

KANNUR

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : KANNUR

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Corporation /Municipality	6	402	1	4	2	409	16	48	64	473
2	Edakkad	8	738	0	1	0	739	49	58	107	846
3	Irikkur	9	613	2	20	1	636	149	357	506	1142
4	Iritty	7	611	0	2	0	613	111	164	275	888
5	Kalliassery	8	600	14	0	1	615	34	64	98	713
6	Kannur	6	414	2	0	0	416	23	1	24	440
7	Kuthuparamba	6	569	0	1	0	570	78	55	133	703
8	Panoor	7	647	0	0	0	647	4	60	64	711
9	Payyannur	7	923	5	5	3	936	67	385	452	1388
10	Peravoor	7	431	14	1	0	446	160	269	429	875
11	Thalassery	7	690	11	0	0	701	30	75	105	806
12	Thalipparamba	9	681	5	28	23	737	96	547	643	1380
Total :		87	7319	54	62	30	7465	817	2083	2900	10365

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KANNUR

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	404	165	188	184	63	117	130	130	467	282	318	314
2	Edakkad	734	191	207	203	104	264	366	330	838	455	574	533
3	Irikkur	632	937	270	267	487	1549	1556	1530	1119	2486	1826	1797
4	Iritty	612	389	356	336	274	334	410	327	886	723	766	663
5	Kalliassery	615	190	198	196	92	645	640	574	707	835	837	770
6	Kannur	415	75	87	81	22	57	80	62	437	133	166	143
7	Kuthuparamba	569	137	148	142	128	55	67	55	697	192	216	197
8	Panoor	646	152	160	159	64	133	115	109	710	285	275	268
9	Payyannur	936	627	570	570	451	1901	1997	1670	1387	2528	2567	2240
10	Peravoor	445	174	190	179	428	542	634	624	873	716	824	803
11	Thalassery	674	240	188	176	102	257	267	250	776	496	454	426
12	Thalipparamba	730	294	300	291	642	995	1063	949	1372	1289	1363	1240
Total :		7412	3571	2862	2784	2857	6849	7326	6610	10269	10420	10188	9394

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KANNUR

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	4	2	2	2	1	1	1	1	5	2	3	3
2	Edakkad	4	0	0	0	1	20	0	0	5	20	0	0
3	Irikkur	4	4	0	0	12	131	13	13	16	135	13	13
4	Iritty	1	1	1	1	1	0	0	0	2	1	1	1
5	Kalliassery	0	0	0		0	0	0		0	0	0	0
6	Kannur	1	0	0	0	2	1	2	1	3	1	2	1
7	Kuthuparamba	1	0	0	0	4	29	1	1	5	29	1	1
8	Panoor	1	0	0	0	0	0	0		1	0	0	0
9	Payyannur	0	0	0		0	0	0		0	0	0	0
10	Peravoor	0	0	0		0	0	0		0	0	0	0
11	Thalassery	12	4	3	2	3	1	1	1	15	5	5	3
12	Thalipparamba	2	1	1	0	1	0	0	0	3	1	1	0
Total :		30	12	8	6	25	183	19	18	55	196	27	24

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : KANNUR

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	1	1	0	0	0	0	1	1	0
2	Edakkad	1	0	0	2	24	0	3	24	0
3	Irikkur	0	0	0	7	29	17	7	29	17
4	Iritty	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	6	86	73	6	86	73
6	Kannur	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	0	0	1	0	0	1	0	0
8	Panoor	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	1	6	7	1	6	7
10	Peravoor	1	1	0	1	2	0	2	2	0
11	Thalassery	15	4	4	0	0	0	15	4	4
12	Thalipparamba	5	1	1	0	0	0	5	1	1
Total :		23	7	5	18	147	97	41	154	102

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	35	204	164	5	1	0	409	38	22	1	1	1	1	64
2	Edakkad	80	532	109	16	2	0	739	62	24	3	14	4	0	107
3	Irikkur	59	413	89	73	1	1	636	241	161	44	39	9	12	506
4	Iritty	12	285	294	21	1	0	613	149	79	37	8	2	0	275
5	Kalliassery	138	251	202	24	0	0	615	36	14	14	26	7	1	98
6	Kannur	15	330	67	4	0	0	416	17	5	0	2	0	0	24
7	Kuthuparamba	30	301	212	27	0	0	570	61	43	13	16	0	0	133
8	Panoor	12	525	108	2	0	0	647	37	16	6	4	0	1	64
9	Payyannur	61	606	217	52	0	0	936	79	223	80	58	6	6	452
10	Peravoor	83	228	126	9	0	0	446	217	161	27	22	1	1	429
11	Thalassery	37	443	192	26	1	2	701	50	26	15	9	4	1	105
12	Thalipparamba	17	537	167	16	0	0	737	380	196	38	25	2	2	643
Total :		579	4655	1947	275	6	3	7465	1367	970	278	224	36	25	2900

Table. V (Continued...)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Corporation /Municipality	73	226	165	6	2	1	473
2	Edakkad	142	556	112	30	6	0	846
3	Irikkur	300	574	133	112	10	13	1142
4	Iritty	161	364	331	29	3	0	888
5	Kalliassery	174	265	216	50	7	1	713
6	Kannur	32	335	67	6	0	0	440
7	Kuthuparamba	91	344	225	43	0	0	703
8	Panoor	49	541	114	6	0	1	711
9	Payyannur	140	829	297	110	6	6	1388
10	Peravoor	300	389	153	31	1	1	875
11	Thalassery	87	469	207	35	5	3	806
12	Thalipparamba	397	733	205	41	2	2	1380
Total :		1946	5625	2225	499	42	28	10365

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : KANNUR

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	19	42	105	21	187	10	35	79	8	131	29	77	183	28	318
2	Edakkad	5	18	150	29	203	73	192	37	27	330	79	211	187	56	533
3	Irikkur	0	8	216	43	267	100	501	770	172	1544	100	509	986	215	1811
4	Iritty	12	42	227	57	337	13	101	150	64	327	25	143	377	120	664
5	Kalliassery	5	14	164	13	196	80	115	296	83	574	85	129	461	96	771
6	Kannur	0	13	54	13	81	56	7	1	0	63	56	20	55	13	144
7	Kuthuparamba	1	23	96	23	142	4	31	11	10	56	4	54	108	33	199
8	Panoor	7	16	109	27	159	29	33	24	23	109	36	49	133	50	268
9	Payyannur	4	55	482	30	570	184	498	806	182	1670	188	553	1287	212	2240
10	Peravoor	14	19	125	21	179	3	89	442	90	624	17	107	567	111	802
11	Thalassery	5	20	140	13	178	34	102	31	84	251	39	121	171	98	429
12	Thalipparamba	0	5	279	7	291	65	203	659	22	949	65	208	937	29	1240
Total :		73	274	2146	296	2790	651	1907	3306	765	6629	724	2181	5452	1061	9418

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : KANNUR

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Edakkad	0	1	25	2	28	0	40	22	13	74	0	41	47	15	103
3	Irikkur	0	1	33	8	42	0	210	6	4	220	0	211	39	12	262
4	Iritty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	1	9	1	11	0	1	4	1	5	0	1	13	2	16
8	Panoor	0	0	12	5	17	20	24	16	14	74	20	24	28	18	91
9	Payyannur	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1
10	Peravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thalassery	0	0	1	0	1	0	3	3	3	8	0	3	3	3	9
12	Thalipparamba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	2	81	16	100	20	277	50	34	382	21	280	131	51	481

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KANNUR

(In Nos.)

Sl .No	Block	Ground Water Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	28	373	0	3	0	404	0	0	0	4	4	408
2	Edakkad	277	440	0	9	1	727	10	0	0	1	11	738
3	Irikkur	126	508	0	0	0	634	2	0	0	0	2	636
4	Iritty	257	351	0	0	2	610	3	0	0	0	3	613
5	Kalliassery	163	437	0	0	0	600	12	0	0	3	15	615
6	Kannur	159	248	0	2	3	412	3	0	0	1	4	416
7	Kuthuparamba	249	306	1	14	0	570	0	0	0	0	0	570
8	Panoor	214	424	0	4	2	644	3	0	0	0	3	647
9	Payyannur	31	904	0	0	0	935	1	0	0	0	1	936
10	Peravoor	131	310	0	0	0	441	4	0	0	0	4	445
11	Thalassery	280	383	0	14	1	678	6	0	0	2	8	686
12	Thalipparamba	162	504	0	61	1	728	3	0	0	1	4	732
Total :		2077	5188	1	107	10	7383	47	0	0	12	59	7442

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KANNUR

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device					With two lifting Device					Total (20 + 25)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others		Total (21 to 24)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)
1	Corporation /Municipality	2	41	0	3	0	46	0	0	0	2	2	48
2	Edakkad	10	31	0	15	0	56	0	0	0	1	1	57
3	Irikkur	24	328	0	1	0	353	2	0	0	0	2	355
4	Iritty	25	134	0	0	1	160	4	0	0	0	4	164
5	Kalliassery	1	41	0	17	1	60	0	0	0	4	4	64
6	Kannur	1	0	0	0	0	1	0	0	0	0	0	1
7	Kuthuparamba	1	42	0	12	0	55	0	0	0	0	0	55
8	Panoor	5	41	0	14	0	60	0	0	0	0	0	60
9	Payyannur	24	349	0	6	1	380	3	0	0	2	5	385
10	Peravoor	58	198	0	1	11	268	0	0	0	0	0	268
11	Thalassery	9	41	0	21	2	73	1	0	0	1	2	75
12	Thalipparamba	123	363	0	39	16	541	3	0	0	3	6	547
Total :		283	1609	0	129	32	2053	13	0	0	13	26	2079

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KANNUR

Sl.No.	Block	Ground Water Schemes															Total (9 + 17)
		With one source of energy							With Two source of energy							Total (10 to 16)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	397	3	0	0	3	0	403	0	0	0	0	0	0	5	5	408
2	Edakkad	727	1	0	0	9	0	737	0	0	0	0	0	0	1	1	738
3	Irikkur	619	6	0	1	0	0	626	10	0	0	0	0	0	0	10	636
4	Iritty	609	4	0	0	0	0	613	0	0	0	0	0	0	0	0	613
5	Kalliassery	600	0	0	0	0	1	601	12	0	0	0	0	0	2	14	615
6	Kannur	408	4	0	0	3	0	415	1	0	0	0	0	0	0	1	416
7	Kuthuparamba	543	12	0	0	14	1	570	0	0	0	0	0	0	0	0	570
8	Panoor	635	2	0	0	4	0	641	6	0	0	0	0	0	0	6	647
9	Payyannur	929	4	0	0	0	2	935	0	1	0	0	0	0	0	1	936
10	Peravoor	426	14	0	0	0	0	440	5	0	0	0	0	0	0	5	445
11	Thalassery	663	1	0	0	14	0	678	2	0	1	0	0	0	5	8	686
12	Thalipparamba	659	6	1	0	61	0	727	4	0	0	0	0	0	1	5	732
Total :		7215	57	1	1	108	4	7386	40	1	1	0	0	0	14	56	7442

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KANNUR

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)															
		With one source of energy							With two Source of Energy							Total (9+17)	
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Wind mill & Solar Pumps	Others		Total (10 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	38	3	0	0	3	0	44	1	0	0	0	0	0	3	4	48
2	Edakkad	33	3	0	0	16	3	55	0	0	1	0	0	0	1	2	57
3	Irikkur	236	112	0	0	1	0	349	6	0	0	0	0	0	0	6	355
4	Iritty	147	15	0	0	0	0	162	1	0	0	0	0	0	1	2	164
5	Kalliassery	39	3	0	0	17	1	60	0	0	0	0	0	0	4	4	64
6	Kannur	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
7	Kuthuparamba	22	20	0	0	12	1	55	0	0	0	0	0	0	0	0	55
8	Panoor	43	2	0	0	14	0	59	0	0	0	0	0	0	1	1	60
9	Payyannur	368	1	0	0	6	2	377	2	0	0	0	0	0	6	8	385
10	Peravoor	255	8	0	0	2	3	268	0	0	0	0	0	0	0	0	268
11	Thalassery	23	2	0	0	29	0	54	0	0	0	0	0	0	21	21	75
12	Thalipparamba	449	30	0	0	56	1	536	8	0	0	0	0	0	3	11	547
Total :		1654	199	0	0	156	11	2020	18	0	1	0	0	0	40	59	2079

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KANNUR

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	3	1	2	2	0	0	0	0	1	0	0	0
2	Edakkad	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
3	Irikkur	0	0	0	0	3	3	0	0	0	0	0	0	1	1	0	0
4	Iritty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
8	Panoor	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Peravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thalassery	1	0	0	0	2	0	0	0	2	1	1	1	0	0	0	0
12	Thalipparamba	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0
Total :		2	0	0	0	13	6	4	3	3	1	1	1	2	0	0	0

Table. X (A) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KANNUR

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	4	2	2	2
2	Edakkad	0	0	0	0	1	0	0	0	4	0	0	0
3	Irikkur	0	0	0	0	0	0	0	0	4	4	0	0
4	Iritty	0	0	0	0	1	1	1	1	1	1	1	1
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	1	0	0	0	1	0	0	0
7	Kuthuparamba	0	0	0	0	0	0	0	0	1	0	0	0
8	Panoor	0	0	0	0	0	0	0	0	1	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	0	0	0	0
10	Peravoor	0	0	0	0	0	0	0	0	0	0	0	0
11	Thalassery	1	1	0	0	6	2	2	1	12	4	3	2
12	Thalipparamba	0	0	0	0	0	0	0	0	2	1	1	0
Total :		1	1	0	0	9	3	3	2	30	12	8	6

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KANNUR

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Edakkad	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0	0
3	Irikkur	1	10	10	10	3	15	1	1	1	28	0	0	0	0	0	0
4	Iritty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	0	0	0	1	0	0	0	1	20	0	0	0	0	0	0
8	Panoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Peravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thalassery	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
12	Thalipparamba	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Total :		1	10	10	10	7	16	1	1	2	48	0	0	1	20	0	0

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KANNUR

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
2	Edakkad	0	0	0	0	0	0	0	0	0	0	0	0	1	20	0	0
3	Irikkur	2	73	3	3	0	0	0	0	5	5	0	0	12	131	13	13
4	Iritty	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	2	1	2	1	2	1	2	1
7	Kuthuparamba	0	0	0	0	0	0	0	0	2	9	1	1	4	29	1	1
8	Panoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Peravoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	Thalassery	0	0	0	0	0	0	0	0	1	1	1	1	3	1	1	1
12	Thalipparamba	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
Total :		2	73	3	3	0	0	0	0	12	16	5	4	25	183	19	18

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KANNUR

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
2	Edakkad	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
3	Irikkur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Iritty	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	Panoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	Peravoor	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
11	Thalassery	2	0	3	1	3	1	0	0	0	0	0	0	7	2	15	4
12	Thalipparamba	0	0	0	0	0	0	0	0	0	0	0	0	5	1	5	1
Total		2	0	3	1	5	1	0	0	0	0	0	0	13	3	23	5

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KANNUR

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Edakkad	0	0	0	0	1	0	0	0	1	0	2	0
3	Irikkur	0	0	1	0	0	0	0	0	6	17	7	17
4	Iritty	0	0	0	0	0	0	0	0	0	0	0	0
5	Kalliassery	0	0	0	0	6	73	0	0	0	0	6	73
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	0	0	0	0	1	0	0	0	0	0	1	0
8	Panoor	0	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	0	0	0	0	0	0	0	0	1	7	1	7
10	Peravoor	0	0	0	0	0	0	0	0	1	0	1	0
11	Thalassery	0	0	0	0	0	0	0	0	0	0	0	0
12	Thalipparamba	0	0	0	0	0	0	0	0	0	0	0	0
Total		0	0	1	0	8	73	0	0	9	24	18	97

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KANNUR

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	0	0	0	2	0	0	0	0	0	0	0	2	0
2	Edakkad	0	0	2	0	0	0	0	0	0	0	0	0	2	0
3	Irikkur	0	0	7	0	0	0	0	0	0	0	0	0	7	0
4	Iritty	0	0	0	0	1	0	0	0	0	0	1	0	2	0
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Kuthuparamba	2	0	2	0	0	0	0	0	0	0	0	0	4	0
8	Panoor	0	0	2	0	0	0	0	0	0	0	0	0	2	0
9	Payyannur	0	0	1	0	0	0	0	0	0	0	0	0	1	0
10	Peravoor	0	0	0	0	0	0	0	0	0	0	1	0	1	0
11	Thalassery	0	0	1	0	0	0	0	0	0	0	0	0	1	0
12	Thalipparamba	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Total :		3	0	15	0	3	0	0	0	0	0	2	0	23	0

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KANNUR

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Edakkad	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
3	Irikkur	11	0	5	0	0	0	0	0	0	0	0	0	1	0	17	0
4	Iritty	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1
5	Kalliassery	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Kannur	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
7	Kuthuparamba	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
8	Panoor	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	Payyannur	3	3	2	12	28	97	0	0	0	0	0	0	14	71	47	182
10	Peravoor	3	0	0	0	0	0	0	0	0	0	0	0	4	0	7	0
11	Thalassery	2	0	1	0	5	7	3	2	0	0	0	0	1	0	12	9
12	Thalipparamba	12	1	0	0	0	0	0	0	0	0	0	0	6	13	18	14
Total :		32	4	11	12	33	104	3	2	0	0	0	0	26	84	105	206

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	1	0	1	1	3	13	393	406	409
2	Edakkad	0	0	1	0	1	11	727	738	739
3	Irikkur	1	1	7	15	24	2	610	612	636
4	Iritty	0	0	1	0	1	0	612	612	613
5	Kalliassery	0	0	0	2	2	5	608	613	615
6	Kannur	1	3	1	1	6	0	410	410	416
7	Kuthuparamba	0	0	1	0	1	7	562	569	570
8	Panoor	0	1	1	2	4	3	640	643	647
9	Payyannur	3	1	1	1	6	1	929	930	936
10	Peravoor	0	0	0	3	3	35	408	443	446
11	Thalassery	4	0	3	0	7	4	690	694	701
12	Thalipparamba	0	1	0	2	3	0	734	734	737
Total :		10	7	17	27	61	81	7323	7404	7465

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	1	0	1	1	3	15	46	61	64
2	Edakkad	0	1	21	2	24	11	72	83	107
3	Irikkur	32	1	22	2	57	31	418	449	506
4	Iritty	4	0	5	14	23	40	212	252	275
5	Kalliassery	16	0	3	1	20	23	55	78	98
6	Kannur	0	0	0	1	1	2	21	23	24
7	Kuthuparamba	2	0	1	3	6	19	108	127	133
8	Panoor	1	0	0	2	3	7	54	61	64
9	Payyannur	51	1	20	0	72	1	379	380	452
10	Peravoor	6	0	0	1	7	3	419	422	429
11	Thalassery	6	0	1	0	7	69	29	98	105
12	Thalipparamba	38	1	0	9	48	7	588	595	643
Total :		157	4	74	36	271	228	2401	2629	2900

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : KANNUR

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	365	21	6	0	1	393	35	9	1	0	1	46
2	Edakkad	706	12	2	1	6	727	69	1	1	1	0	72
3	Irikkur	515	69	14	2	10	610	238	138	24	3	15	418
4	Iritty	474	103	29	3	3	612	146	34	22	6	4	212
5	Kalliassery	569	24	5	3	7	608	45	6	0	4	0	55
6	Kannur	401	5	1	2	1	410	17	3	0	1	0	21
7	Kuthuparamba	547	11	3	0	1	562	97	10	1	0	0	108
8	Panoor	623	3	7	3	4	640	54	0	0	0	0	54
9	Payyannur	748	140	28	2	11	929	208	97	51	15	8	379
10	Peravoor	366	39	2	0	1	408	303	98	11	5	2	419
11	Thalassery	667	18	2	0	3	690	29	0	0	0	0	29
12	Thalipparamba	607	94	26	6	1	734	374	151	48	15	0	588
Total :		6588	539	125	22	49	7323	1615	547	159	50	30	2401

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	9	5	214	165	393	16	409	2	0	16	28	46	18	64
2	Edakkad	10	1	585	131	727	12	739	0	0	42	30	72	35	107
3	Irikkur	17	0	187	406	610	26	636	10	1	51	356	418	88	506
4	Iritty	12	2	193	405	612	1	613	0	0	67	145	212	63	275
5	Kalliassery	6	1	446	155	608	7	615	0	0	27	28	55	43	98
6	Kannur	13	1	361	35	410	6	416	0	0	19	2	21	3	24
7	Kuthuparamba	10	2	427	123	562	8	570	1	0	91	16	108	25	133
8	Panoor	13	3	500	124	640	7	647	0	0	48	6	54	10	64
9	Payyannur	8	3	455	463	929	7	936	7	1	77	294	379	73	452
10	Peravoor	2	0	184	222	408	38	446	0	0	149	270	419	10	429
11	Thalassery	9	3	485	193	690	11	701	1	0	20	8	29	76	105
12	Thalipparamba	4	4	235	491	734	3	737	2	0	56	530	588	55	643
Total :		113	25	4272	2913	7323	142	7465	23	2	663	1713	2401	499	2900

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KANNUR

(In Nos.)

Sl.No	Block	Ground Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	1	0	115	0	1	117	127	132	0	0	0	0	17	276	393
2	Edakkad	4	3	487	0	0	494	91	140	0	1	0	0	1	233	727
3	Irikkur	23	6	152	0	2	183	165	134	0	4	1	0	123	427	610
4	Iritty	75	2	409	0	3	489	100	22	0	0	0	0	1	123	612
5	Kalliassery	4	0	250	0	2	256	108	138	0	6	0	0	100	352	608
6	Kannur	14	2	265	0	4	285	16	106	0	2	0	0	1	125	410
7	Kuthuparamba	2	1	119	0	0	122	402	34	0	3	0	0	1	440	562
8	Panoor	0	1	331	0	0	332	8	297	0	2	0	0	1	308	640
9	Payyannur	3	4	170	0	0	177	565	93	0	93	0	0	1	752	929
10	Peravoor	75	1	163	1	4	244	59	92	2	0	0	0	11	164	408
11	Thalassery	92	19	376	0	55	542	10	121	0	5	0	0	12	148	690
12	Thalipparamba	8	1	618	0	0	627	101	3	0	1	0	0	2	107	734
Total :		301	40	3455	1	71	3868	1752	1312	2	117	1	0	271	3455	7323

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Surface Water Schemes														Total (8 + 16)
		With one source of Finance						With two Sources of finance								
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	0	34	0	0	34	6	3	0	0	0	0	3	12	46
2	Edakkad	2	0	51	0	9	62	2	8	0	0	0	0	0	10	72
3	Irikkur	41	2	208	0	76	327	9	77	0	2	0	0	3	91	418
4	Iritty	13	1	178	1	3	196	11	5	0	0	0	0	0	16	212
5	Kalliassery	0	0	27	0	0	27	2	2	0	0	0	0	24	28	55
6	Kannur	0	0	21	0	0	21	0	0	0	0	0	0	0	0	21
7	Kuthuparamba	0	0	81	0	0	81	21	6	0	0	0	0	0	27	108
8	Panoor	1	0	40	0	1	42	1	10	0	1	0	0	0	12	54
9	Payyannur	7	6	160	0	0	173	133	63	0	9	0	0	1	206	379
10	Peravoor	82	1	256	0	3	342	47	30	2	0	0	0	-2	77	419
11	Thalassery	0	1	24	0	0	25	0	3	0	0	0	0	1	4	29
12	Thalipparamba	9	4	255	0	101	369	212	4	0	2	0	0	1	219	588
Total :		155	15	1335	1	193	1699	444	211	2	14	0	0	31	702	2401

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	402	402	0	1	1	0	4	4	0	2	2	0	409	409
2	Edakkad	0	738	738	0	0	0	0	1	1	0	0	0	0	739	739
3	Irikkur	0	613	613	0	2	2	0	20	20	0	1	1	0	636	636
4	Iritty	0	611	611	0	0	0	0	2	2	0	0	0	0	613	613
5	Kalliassery	0	600	600	0	14	14	0	0	0	0	1	1	0	615	615
6	Kannur	0	414	414	0	2	2	0	0	0	0	0	0	0	416	416
7	Kuthuparamba	0	569	569	0	0	0	0	1	1	0	0	0	0	570	570
8	Panoor	0	647	647	0	0	0	0	0	0	0	0	0	0	647	647
9	Payyannur	0	923	923	0	5	5	0	5	5	0	3	3	0	936	936
10	Peravoor	0	431	431	0	14	14	0	1	1	0	0	0	0	446	446
11	Thalassery	0	690	690	0	11	11	0	0	0	0	0	0	0	701	701
12	Thalipparamba	0	681	681	0	5	5	0	28	28	0	23	23	0	737	737
Total :		0	7319	7319	0	54	54	0	62	62	0	30	30	0	7465	7465

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KANNUR

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	16	16	0	48	48	0	64	64
2	Edakkad	0	49	49	0	58	58	0	107	107
3	Irikkur	0	149	149	0	357	357	0	506	506
4	Iritty	0	111	111	0	164	164	0	275	275
5	Kalliassery	0	34	34	0	64	64	0	98	98
6	Kannur	0	23	23	0	1	1	0	24	24
7	Kuthuparamba	0	78	78	0	55	55	0	133	133
8	Panoor	0	4	4	0	60	60	0	64	64
9	Payyannur	0	67	67	0	385	385	0	452	452
10	Peravoor	0	160	160	0	269	269	0	429	429
11	Thalassery	0	30	30	0	75	75	0	105	105
12	Thalipparamba	0	96	96	0	547	547	0	643	643
Total :		0	817	817	0	2083	2083	0	2900	2900

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KANNUR

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0		8	5	3	1	381	175	3	2	2	1	7	1	404	184
2	EDAKKAD	14	5	10	11	22	9	623	152	27	8	12	9	26	8	734	203
3	IRIKKUR	4	3	3	5	47	39	495	187	1	1	79	31	3	1	632	267
4	IRITTY	4	2	7	4	35	40	542	272	4	3	20	15	0		612	336
5	KALLIASSERY	5	1	1	0	25	6	577	185	6	3	0		1	0	615	196
6	KANNUR	2	0	2	1	2	0	406	79	0		0		3	1	415	81
7	KUTHUPARAMBA	2	1	3	2	31	6	516	130	1	0	1	0	15	4	569	142
8	PANOOOR	5	1	3	1	4	1	628	154	1	0	1	0	4	1	646	159
9	PAYYANNUR	4	7	70	24	66	26	651	260	0		138	171	7	83	936	570
10	PERAVOOR	8	1	11	3	1	1	329	154	49	9	34	8	13	3	445	179
11	THALASSERY	17	2	47	11	3	1	598	160	1	0	0		8	1	674	176
12	THALIPPARAMBA	16	8	11	6	235	87	297	133	4	2	108	45	59	9	730	291
Total :		81	32	176	73	474	218	6043	2041	97	28	395	280	146	112	7412	2784

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KANNUR

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchha		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	1	1	14	57	1	2	45	65	1	4	0	0	1	0	63	130
2	Edakkad	8	19	64	230	1	0	22	14	0	0	2	1	7	66	104	330
3	Irikkur	32	84	113	1105	17	38	210	133	7	6	104	62	4	102	487	1530
4	Iritty	10	57	92	141	7	5	110	74	5	7	49	40	1	2	274	327
5	Kalliassery	5	55	38	462	1	0	37	34	0	0	0	0	11	24	92	574
6	Kannur	1	0	21	62	0	0	0		0	0	0	0	0	0	22	62
7	Kuthuparamba	1	1	66	28	3	1	42	20	0	0	0	0	16	6	128	55
8	Panoor	0	0	1	11	0	0	48	24	0	0	0	0	15	74	64	109
9	Payyannur	3	77	67	1056	44	21	111	272	2	2	212	212	12	29	451	1670
10	Peravoor	8	183	7	69	2	6	331	333	16	3	56	26	8	3	428	624
11	Thalassery	5	20	20	82	1	1	18	134	0	0	0	0	58	14	102	250
12	Thalipparamba	30	182	73	432	86	45	171	117	10	10	212	125	60	38	642	949
Total :		104	678	576	3736	163	119	1145	1220	41	32	635	468	193	357	2857	6611

KASARGOD

Table. I

MINOR IRRIGATION SCHEMES AT A GLANCE

State : KERALA, District : KASARGOD

(In Nos.)

Sl.No	Block	No. of Panchayaths	Total Number of Schemes								
			Ground Water					Surface Water			Grand Total (10+13)
			Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	Corporation /Municipality	3	284	171	1	6	462	48	31	79	541
2	Kanhangad	5	626	54	87	51	818	65	24	89	907
3	Karaduka	7	388	32	50	95	565	44	228	272	837
4	Kasargode	6	874	25	71	185	1155	107	29	136	1291
5	Manjeswaram	7	549	21	24	33	627	150	148	298	925
6	Neeleswaram	6	1110	116	87	7	1320	64	73	137	1457
7	Parappa	7	280	19	21	17	337	115	113	228	565
Total :		41	4111	438	341	394	5284	593	646	1239	6523

Table. II

MINOR IRRIGATION SCHEMES IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KASARGOD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	462	146	149	132	76	525	536	483	538	670	686	615
2	Kanhangad	817	531	422	390	88	2322	2631	2264	905	2852	3054	2654
3	Karaduka	565	535	526	515	270	1655	1879	1733	835	2190	2406	2248
4	Kasargode	1155	690	641	629	135	1372	1782	1521	1290	2062	2423	2150
5	Manjeswaram	625	1610	598	569	298	2882	2949	2724	923	4491	3547	3293
6	Neeleswaram	1315	598	633	595	128	1507	1697	1414	1443	2105	2330	2009
7	Parappa	337	293	292	268	228	2006	1995	1782	565	2299	2287	2050
Total :		5276	4401	3263	3098	1223	12268	13470	11921	6499	16669	16733	15019

Table. III

MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

State : KERALA, District : KASARGOD

(Area in ha.)

Sl. No.	Block	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	0	0	0		0	0	0		0	0	0	0
2	Kanhangad	1	1	1	1	1	1	1	1	2	2	1	1
3	Karaduka	0	0	0		0	0	0		0	0	0	0
4	Kasargode	0	0	0		1	31	0	0	1	31	0	0
5	Manjeswaram	2	2	2	2	0	0	0		2	2	2	2
6	Neeleswaram	5	2	2	1	5	85	116	20	10	87	118	21
7	Parappa	0	0	0		0	0	0		0	0	0	0
Total :		8	4	4	4	7	117	117	21	15	121	121	24

Table. IV

MINOR IRRIGATION SCHEMES PERMANENTLY NOT IN USE, CCA AND IRRIGATION POTENTIAL LOST

State : KERALA, District : KASARGOD

(Area in Ha.)

Sl.No	Block	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	0	0	3	3	0	3	3	0
2	Kanhangad	0	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	2	55	79	2	55	79
4	Kasargode	0	0	0	0	0	0	0	0	0
5	Manjeswaram	0	0	0	0	0	0	0	0	0
6	Neeleswaram	0	0	0	4	21	6	4	21	6
7	Parappa	0	0	0	0	0	0	0	0	0
Total :		0	0	0	9	79	85	9	79	85

Table. V

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	164	281	14	2	0	1	462	2	13	7	50	6	1	79
2	Kanhangad	44	667	107	0	0	0	818	25	26	1	18	10	9	89
3	Karaduka	3	279	117	161	2	3	565	12	173	29	48	8	2	272
4	Kasargode	70	903	175	7	0	0	1155	26	47	12	27	8	16	136
5	Manjeswaram	29	511	82	3	2	0	627	58	138	48	26	15	13	298
6	Neeleswaram	251	1048	15	6	0	0	1320	14	32	20	51	9	11	137
7	Parappa	7	210	97	20	3	0	337	17	83	50	49	13	16	228
Total :		568	3899	607	199	7	4	5284	154	512	167	269	69	68	1239

Table. V (Continued...)

NUMBER OF MINOR IRRIGATION SCHEMES BY COST OF SCHEME

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Total No. of Minor Irrigation Schemes Cost						
		<Rs. 10000	Rs. 10000 to 50000	Rs. 50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	Corporation /Municipality	166	294	21	52	6	2	541
2	Kanhangad	69	693	108	18	10	9	907
3	Karaduka	15	452	146	209	10	5	837
4	Kasargode	96	950	187	34	8	16	1291
5	Manjeswaram	87	649	130	29	17	13	925
6	Neeleswaram	265	1080	35	57	9	11	1457
7	Parappa	24	293	147	69	16	16	565
Total :		722	4411	774	468	76	72	6523

Table. VI

SEASON WISE AREA IRRIGATED BY MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE)

State : KERALA, District : KASARGOD

(Area in ha.)

Sl.No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	13	17	83	19	132	95	87	229	72	483	108	104	312	91	615
2	Kanhangad	8	24	298	60	391	560	564	943	197	2265	569	588	1241	257	2655
3	Karaduka	53	66	335	61	515	309	301	917	206	1733	362	367	1252	266	2248
4	Kasargode	25	32	538	35	629	246	298	917	60	1521	270	330	1455	94	2150
5	Manjeswaram	67	44	441	19	571	274	458	1842	150	2724	341	502	2283	169	3295
6	Neeleswaram	25	50	435	88	597	502	418	294	220	1434	526	468	729	308	2030
7	Parappa	11	39	190	27	268	101	312	1142	226	1782	112	351	1333	253	2049
Total :		201	272	2320	308	3102	2087	2438	6284	1131	11940	2289	2710	8604	1439	15043

Table. VII

SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

State : KERALA, District : KASARGOD

(Area in ha.)

Sl. No.	Block	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	0	0	6	3	2	1	12	6	3	2	1	12
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Manjeswaram	0	0	4	0	4	12	25	176	0	212	12	25	180	0	217
6	Neeleswaram	0	0	35	0	35	52	44	38	1	135	52	44	73	1	170
7	Parappa	0	4	4	3	11	0	33	52	48	133	0	37	56	51	144
Total :		0	4	43	3	51	70	105	268	50	493	70	109	311	53	543

Table. VIII (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KASARGOD

(In Nos.)

Sl .No	Block	Ground Water Schemes												
		With One lifting Device						With two lifting Device					Total (8 +13)	
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	
1	Corporation /Municipality	183	279	0	0	0	462	0	0	0	0	0	0	462
2	Kanhangad	138	647	0	0	1	786	18	0	0	14	32	818	
3	Karaduka	207	332	1	0	1	541	22	0	0	2	24	565	
4	Kasargode	334	810	0	1	5	1150	4	0	0	1	5	1155	
5	Manjeswaram	100	523	0	0	1	624	3	0	0	0	3	627	
6	Neeleswaram	190	1126	0	2	0	1318	2	0	0	0	2	1320	
7	Parappa	77	257	0	0	3	337	0	0	0	0	0	337	
Total :		1229	3974	1	3	11	5218	49	0	0	17	66	5284	

Table. VIII (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

State : KERALA, District : KASARGOD

(In Nos.)

Sl .No	Block	Surface Water Schemes (Surface Lift Scheme only)												
		With One lifting Device						With two lifting Device						
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	Total (20 + 25)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)	
1	Corporation /Municipality	13	18	0	0	0	31	0	0	0	0	0	0	31
2	Kanhangad	2	21	0	0	0	23	1	0	0	0	0	1	24
3	Karaduka	43	184	0	0	0	227	0	0	0	1	1	1	228
4	Kasargode	13	16	0	0	0	29	0	0	0	0	0	0	29
5	Manjeswaram	14	134	0	0	0	148	0	0	0	0	0	0	148
6	Neeleswaram	18	43	0	5	3	69	0	0	0	3	3	3	72
7	Parappa	10	96	0	0	2	108	5	0	0	0	5	5	113
Total :		113	512	0	5	5	635	6	0	0	4	10	645	

Table. IX (A)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KASARGOD

(In Nos.)

Sl.No.	Block	Ground Water Schemes																
		With one source of energy							With Two source of energy							Total (9 + 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	314	1	0	0	0	0	315	146	1	0	0	0	0	0	0	147	462
2	Kanhangad	813	1	0	0	0	0	814	4	0	0	0	0	0	0	0	4	818
3	Karaduka	477	12	0	0	0	0	489	76	0	0	0	0	0	0	0	76	565
4	Kasargode	1111	3	0	0	1	4	1119	5	0	0	0	0	0	31	36	1155	
5	Manjeswaram	607	18	0	0	0	0	625	2	0	0	0	0	0	0	2	627	
6	Neeleswaram	1167	141	0	0	2	0	1310	5	0	0	0	0	0	5	10	1320	
7	Parappa	334	1	0	0	1	1	337	0	0	0	0	0	0	0	0	337	
Total :		4823	177	0	0	4	5	5009	238	1	0	0	0	0	36	275	5284	

Table. IX (B)

MINOR IRRIGATION SCHEMES (IN USE AND TEMPORARY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

State : KERALA, District : KASARGOD

(In Nos.)

Sl.No.	Block	Surface Water Schemes (Surface Lift Scheme only)																
		With one source of energy							With two Source of Energy							Total (9+ 17)		
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Wind mill	Electric Pump & Solar Pump	Diesel Pump & Wind mills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others		Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	30	0	0	0	0	0	30	1	0	0	0	0	0	0	0	1	31
2	Kanhangad	24	0	0	0	0	0	24	0	0	0	0	0	0	0	0	0	24
3	Karaduka	221	3	0	0	0	1	225	2	0	1	0	0	0	0	0	3	228
4	Kasargode	28	0	0	0	0	0	28	1	0	0	0	0	0	0	0	1	29
5	Manjeswaram	141	3	0	0	0	0	144	3	0	1	0	0	0	0	0	4	148
6	Neeleswaram	40	12	0	1	9	1	63	0	0	1	0	0	0	0	8	9	72
7	Parappa	109	2	0	0	0	1	112	1	0	0	0	0	0	0	0	1	113
Total :		593	20	0	1	9	3	626	8	0	3	0	0	0	0	8	19	645

Table. X (A)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KASARGOD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Manjeswaram	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0
6	Neeleswaram	0	0	0	0	0	0	0	0	3	1	1	1	0	0	0	0
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	2	1	1	1	3	1	1	1	0	0	0	0

Table. X (A) (Continued....)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KASARGOD

Area in ha.

Sl. No.	Block	Ground Water Schemes Temporarily not in use due to											
		Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	-19	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	0	0	0	0	0	0	0	0	1	1	1	1
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0
5	Manjeswaram	1	1	1	1	0	0	0	0	2	2	2	2
6	Neeleswaram	0	0	0	0	2	1	0	0	5	2	2	1
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	1	1	1	2	1	0	0	8	4	4	4

Table. X (B)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KASARGOD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Manjeswaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Neeleswaram	0	0	0	0	2	60	95	0	1	5	0	0	0	0	0	0
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	1	1	1	2	60	95	0	1	5	0	0	0	0	0	0

Table. X (B) (Continued...)

NUMBER OF SCHEMES TEMPORARY NOT IN USE AND POTENTIAL PARTIALLY UTILISED/UN-UTILISED

State : KERALA, District : KASARGOD

Area in ha.

Sl. No.	Block	Surface Water Schemes Temporarily not in use due to															
		Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)	(34)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kasargode	0	0	0	0	1	31	0	0	0	0	0	0	1	31	0	0
5	Manjeswaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	Neeleswaram	0	0	0	0	0	0	0	0	2	20	21	20	5	85	116	20
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		0	0	0	0	1	31	0	0	2	20	21	20	7	117	117	21

Table. XI (A)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KASARGOD

(Area in Ha)

Sl.No.	Block	Ground Water Schemes Permanently not in use																
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total		
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
2	Kanhangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
5	Manjeswaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
6	Neeleswaram	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.
Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	.

Table. XI (B)

NUMBER OF SCHEMES PERMANENTLY NOT IN USE BY TYPE OF REASONS

State : KERALA, District : KASARGOD

(Area in Ha)

Sl.No	Block	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	2	0	1	0	0	0	0	0	0	0	3	0
2	Kanhangad	0	0	0	0	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	0	2	79	0	0	0	0	2	79
4	Kasargode	0	0	0	0	0	0	0	0	0	0	0	0
5	Manjeswaram	0	0	0	0	0	0	0	0	0	0	0	0
6	Neeleswaram	1	2	0	0	1	0	0	0	2	4	4	6
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0
Total		3	2	1	0	3	79	0	0	2	4	9	85

Table. XII (A)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KASARGOD

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	Kanhangad	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	Karaduka	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Kasargode	0	0	14	1	0	0	0	0	0	0	8	0	22	1
5	Manjeswaram	0	0	2	0	0	0	0	0	0	0	0	0	2	0
6	Neeleswaram	1	0	0	0	0	0	0	0	0	0	0	0	1	0
7	Parappa	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total :		1	0	16	1	0	0	0	0	0	0	8	0	25	1

Table. XII (B)

NUMBER OF UNDER UTILISED (IN USE) SCHEMES AND UNDER UTILISED POTENTIAL

State : KERALA, District : KASARGOD

Area in ha.

Sl.No	Block	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	1	21	0	0	0	0	0	0	0	0	0	0	0	0	1	21
2	Kanhangad	0	0	1	0	0	0	0	0	0	0	0	0	1	1	2	1
3	Karaduka	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
4	Kasargode	0	0	0	0	3	3	0	0	0	0	0	0	10	226	13	228
5	Manjeswaram	0	0	0	0	0	0	2	20	0	0	0	0	0	0	2	20
6	Neeleswaram	1	0	1	3	0	0	0	0	1	0	0	0	1	0	4	3
7	Parappa	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0
Total :		4	22	3	3	3	3	2	20	1	0	0	0	12	226	25	273

Table. XIII (A)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Ground water schemes owned by								Grand Total (7+10)
		Public					Private			
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	1	0	0	1	0	461	461	462
2	Kanhangad	0	0	4	7	11	1	806	807	818
3	Karaduka	0	1	0	2	3	0	562	562	565
4	Kasargode	0	4	1	2	7	0	1148	1148	1155
5	Manjeswaram	0	2	21	3	26	1	600	601	627
6	Neeleswaram	5	3	0	3	11	2	1307	1309	1320
7	Parappa	0	0	4	3	7	0	330	330	337
Total :		5	11	30	20	66	4	5214	5218	5284

Table. XIII (B)

MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	29	0	4	0	33	9	37	46	79
2	Kanhangad	74	0	0	0	74	0	15	15	89
3	Karaduka	51	4	9	0	64	0	208	208	272
4	Kasargode	67	8	13	3	91	0	45	45	136
5	Manjeswaram	61	1	102	3	167	0	131	131	298
6	Neeleswaram	81	3	34	10	128	5	4	9	137
7	Parappa	61	2	19	3	85	0	143	143	228
Total :		424	18	181	19	642	14	583	597	1239

Table. XIV

MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

State : KERALA, District : KASARGOD

(In Nos.)

Sl.No.	Block	No. of Ground Water Schemes owned by						No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)	Marginal (0-1ha)	small (1-2 ha)	Semi- Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Corporation /Municipality	439	18	3	0	1	461	30	6	1	0	0	37
2	Kanhangad	685	89	22	7	3	806	8	6	1	0	0	15
3	Karaduka	408	131	19	3	1	562	104	67	26	11	0	208
4	Kasargode	986	128	28	4	2	1148	32	7	4	2	0	45
5	Manjeswaram	368	190	33	3	6	600	54	63	8	4	2	131
6	Neeleswaram	1168	107	25	1	6	1307	2	1	0	0	1	4
7	Parappa	212	83	25	6	4	330	76	43	21	1	2	143
Total :		4266	746	155	24	23	5214	306	193	61	18	5	583

Table. XV

MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	No. of Ground Water Schemes							No. of Surface water Schemes						
		Social Status of Owner					Owned by other than individual farmers	Total (7+8)	Social Status of Owner					Owned by other than individual farmers	Total (14+15)
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)			Scheduled caste	Schedule tribe	OBC	Others	Total (10 to 13)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	Corporation /Municipality	1	0	360	100	461	1	462	0	0	14	23	37	42	79
2	Kanhangad	11	3	416	376	806	12	818	0	0	2	13	15	74	89
3	Karaduka	9	20	158	375	562	3	565	4	7	25	172	208	64	272
4	Kasargode	8	8	627	505	1148	7	1155	1	0	24	20	45	91	136
5	Manjeswaram	14	11	342	233	600	27	627	2	2	51	76	131	167	298
6	Neeleswaram	26	5	865	411	1307	13	1320	0	0	1	3	4	133	137
7	Parappa	12	15	54	249	330	7	337	1	4	13	125	143	85	228
Total :		81	62	2822	2249	5214	70	5284	8	13	130	432	583	656	1239

Table. XVI (A)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KASARGOD

(In Nos.)

Sl.No	Block	Ground Water Schemes														
		With one source of Finance						With two Sources of finance								Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	115	3	326	0	1	445	6	3	0	7	0	0	0	16	461
2	Kanhangad	1	1	384	0	51	437	359	1	0	3	1	0	5	369	806
3	Karaduka	1	1	556	0	0	558	4	0	0	0	0	0	0	4	562
4	Kasargode	12	1	472	0	37	522	109	172	4	1	0	1	339	626	1148
5	Manjeswaram	90	0	433	0	4	527	50	0	0	4	0	0	19	73	600
6	Neeleswaram	187	2	1038	3	1	1231	1	14	0	0	0	0	61	76	1307
7	Parappa	9	2	185	0	0	196	113	5	0	1	0	0	15	134	330
Total :		415	10	3394	3	94	3916	642	195	4	16	1	1	439	1298	5214

Table. XVI (B)

MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Surface Water Schemes															
		With one source of Finance						With two Sources of finance									Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	Corporation /Municipality	0	2	34	0	0	36	1	0	0	0	0	0	0	0	1	37
2	Kanhangad	4	0	4	0	0	8	7	0	0	0	0	0	0	0	7	15
3	Karaduka	0	4	198	0	2	204	4	0	0	0	0	0	0	0	4	208
4	Kasargode	0	3	35	0	1	39	4	0	4	0	0	0	0	-2	6	45
5	Manjeswaram	1	0	115	0	0	116	6	0	0	7	0	0	2	15	131	
6	Neeleswaram	0	1	3	0	0	4	0	0	0	0	0	0	0	0	4	
7	Parappa	6	1	41	0	1	49	67	0	0	0	5	0	22	94	143	
Total :		11	11	430	0	4	456	89	0	4	7	5	0	22	127	583	

Table. XVII (A)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Ground Water Schemes														
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Corporation /Municipality	0	284	284	0	171	171	0	1	1	0	6	6	0	462	462
2	Kanhangad	0	626	626	0	54	54	0	87	87	0	51	51	0	818	818
3	Karaduka	0	388	388	0	32	32	0	50	50	0	95	95	0	565	565
4	Kasargode	0	874	874	0	25	25	0	71	71	0	185	185	0	1155	1155
5	Manjeswaram	0	549	549	0	21	21	0	24	24	0	33	33	0	627	627
6	Neeleswaram	0	1110	1110	0	116	116	0	87	87	0	7	7	0	1320	1320
7	Parappa	0	280	280	0	19	19	0	21	21	0	17	17	0	337	337
Total :		0	4111	4111	0	438	438	0	341	341	0	394	394	0	5284	5284

Table. XVII (B)

MINOR IRRIGATION SCHEMES IN TRIBAL & NON -TRIBAL VILLAGES

State : KERALA, District : KASARGOD

(In Nos.)

Sl. No.	Block	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Corporation /Municipality	0	48	48	0	31	31	0	79	79
2	Kanhangad	0	65	65	0	24	24	0	89	89
3	Karaduka	0	44	44	0	228	228	0	272	272
4	Kasargode	0	107	107	0	29	29	0	136	136
5	Manjeswaram	0	150	150	0	148	148	0	298	298
6	Neeleswaram	0	64	64	0	73	73	0	137	137
7	Parappa	0	115	115	0	113	113	0	228	228
Total :		0	593	593	0	646	646	0	1239	1239

Table. XVIII (A)

NUMBER OF GROUND WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KASARGOD

(In No./Area in ha.)

Sl.No	Block	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	14	3	35	5	224	73	145	42	7	1	30	7	7	1	462	132
2	Kanhangad	99	35	56	23	269	174	257	94	6	2	127	61	3	1	817	390
3	Karaduka	1	0	7	5	160	153	193	178	24	10	178	167	2	1	565	515
4	Kasargode	83	64	36	26	412	210	453	196	2	1	152	126	17	7	1155	629
5	Manjeswaram	22	16	93	140	5	4	229	219	39	33	230	151	7	6	625	569
6	Neeleswaram	6	2	312	173	366	159	607	237	1	1	21	22	2	0	1315	595
7	Parappa	2	1	66	59	62	49	133	86	11	8	61	64	2	2	337	268
Total :		227	122	605	432	1498	820	2017	1052	90	55	799	598	40	19	5276	3098

Table. XVIII (B)

NUMBER OF SURFACE WATER SCHEMES (IN USE) AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

State : KERALA, District : KASARGOD

(Area in ha.)

Sl. No.	Block	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Under ground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutchra		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
		No.	PU	No.	PU												
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	Corporation /Municipality	2	113	24	259	3	47	23	47	2	1	17	10	5	6	76	483
2	Kanhangad	25	867	33	768	4	8	6	10	0	0	2	2	18	609	88	2264
3	Karaduka	13	285	34	1029	26	71	65	209	5	4	122	127	5	8	270	1733
4	Kasargode	11	73	37	1186	13	36	37	119	0	0	15	9	22	98	135	1521
5	Manjeswaram	18	733	177	1628	3	9	60	191	2	1	32	38	6	124	298	2724
6	Neeleswaram	8	15	68	1006	2	6	13	47	0	0	1	10	36	330	128	1414
7	Parappa	20	356	106	1288	40	44	46	61	0	0	15	33	1	0	228	1782
Total :		97	2442	479	7165	91	220	250	683	9	6	204	229	93	1175	1223	11920



**RMIS Cell
IRRIGATION DEPARTMENT
Thiruvananthapuram
2018**