

REPORT ON CENSUS OF MINOR IRRIGATION SCHEMES 1993-94

PART- II

I. DUGWELLS

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : ANDHRA PRADESH

(in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	ADILABAD	13607	2331	2645	2035	1704	1268	809	1020	25419
2.	ANANTHAPUR	47685	2944	2227	1265	646	394	302	117	55580
3.	CHITTOOR	103472	7082	3507	3083	1724	1467	853	504	121692
4.	CUDDAPAH	36567	1529	937	818	449	357	126	133	40916
5.	EAST GODAVARI	1432	158	175	87	123	56	33	21	2085
6.	GUNTUR	5368	949	486	373	1492	500	395	2583	12146
7.	HYDERABAD	86	0	0	2	0	0	0	2	90
8.	KARIMNAGAR	144191	17242	11833	8001	5504	4597	4244	2953	198565
9.	KHAMMAM	18416	3467	3246	2404	2677	1878	1203	1074	34365
10.	KRISHNA	11506	881	775	732	799	414	229	220	15556
11.	KURNOOL	20204	3423	2839	2993	2046	1456	830	938	34729
12.	MAHABOOB NAGAR	72601	7070	5272	5134	4480	3392	2455	1214	101618
13.	MEDAK	41194	7280	4573	3921	3202	2235	1544	1448	65397
14.	NALGONDA	71389	9021	9449	6696	6297	4771	3276	1768	112667
15.	NELLORE	23578	1867	1688	1661	1251	1010	760	513	32328
16.	NIZAMABAD	23350	2112	1881	1235	1802	890	827	497	32594
17.	PRAKASAM	20974	1431	1219	1262	1420	709	767	592	28374
18.	RANGA REDDY	26873	2130	1298	1142	1034	861	615	582	34535
19.	SRIKAKULUM	26184	2596	1804	1658	1162	726	554	395	35079
20.	VIJAYA NAGARAM	27911	1816	1195	1236	891	764	595	744	35152
21.	VISAKHAPATNAM	22575	980	638	349	383	184	277	257	25643
22.	WARANGAL	103329	15393	9875	9198	7266	5494	3053	2952	156560
23.	WEST GODAVARI	10708	1841	1154	775	354	230	161	99	15322
State Total :		873200	93543	68716	56060	46706	33653	23908	20626	1216412

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : ANDHRA PRADESH

(in Nos.)

Sl. No.	Name of District	Dugwells Owned by						Total (3 to 8)
		Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	
1	2	3	4	5	6	7	8	9
1.	ADILABAD	2	2	0	971	24444	0	25419
2.	ANANTHAPUR	119	79	28	7613	47704	37	55580
3.	CHITTOOR	0	0	0	23157	98535	0	121692
4.	CUDDAPAH	90	11	4	13228	27571	12	40916
5.	EAST GODAVARI	15	1	7	175	1887	0	2085
6.	GUNTUR	1	1	0	750	11393	1	12146
7.	HYDERABAD	0	0	0	1	87	2	90
8.	KARIMNAGAR	15	113	78	7829	190528	2	198565
9.	KHAMMAM	0	865	23	1527	31701	249	34365
10.	KRISHNA	1	1	1	1361	14190	2	15556
11.	KURNOOL	137	157	4	2802	31619	10	34729
12.	MAHABOOB NAGAR	73	146	45	10695	90583	76	101618
13.	MEDAK	57	49	8	1183	64064	36	65397
14.	NALGONDA	0	1	2	7526	105137	1	112667
15.	NELLORE	448	159	25	10216	21478	2	32328
16.	NIZAMABAD	20	22	8	2792	29705	47	32594
17.	PRAKASAM	0	0	0	10010	18364	0	28374
18.	RANGA REDDY	0	7	0	3276	31249	3	34535
19.	SRIKAKULUM	3	12	0	2838	32226	0	35079
20.	VIJAYA NAGARAM	401	34	8	4543	30157	9	35152
21.	VISAKHAPATNAM	3	12	0	2212	23413	3	25643
22.	WARANGAL	897	232	106	4649	150413	263	156560
23.	WEST GODAVARI	10	4	0	724	14581	3	15322
State Total :		2292	1908	347	120078	1091029	758	1216412

DUGWELLS (COMPLETED) SCHEDULE A-1

State : ANDHRA PRADESH (in Nos.)

Sl. No.	Name of District	According to Farmers' Holding size				
		Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	ADILABAD	9675	9491	6038	211	25415
2.	ANANTHAPUR	6927	16118	28454	3818	55317
3.	CHITTOOR	45056	48326	26749	1561	121692
4.	CUDDAPAH	8545	14318	16874	1062	40799
5.	EAST GODAVARI	733	634	675	20	2062
6.	GUNTUR	8395	2366	1364	18	12143
7.	HYDERABAD	22	34	29	3	88
8.	KARIMNAGAR	89128	70403	37843	983	198357
9.	KHAMMAM	16144	11883	5096	105	33228
10.	KRISHNA	3824	5251	6282	194	15551
11.	KURNOOL	4076	13013	15530	1802	34421
12.	MAHABOOB NAGAR	16447	33044	46178	5609	101278
13.	MEDAK	30215	22227	12347	458	65247
14.	NALGONDA	32387	35537	38925	5814	112663
15.	NELLORE	7404	14609	9068	613	31694
16.	NIZAMABAD	17044	12059	3355	39	32497
17.	PRAKASAM	3415	10466	13555	938	28374
18.	RANGA REDDY	7053	11211	14750	1511	34525
19.	SRIKAKULUM	21138	9470	4257	199	35064
20.	VIJAYA NAGARAM	17547	11664	5258	231	34700
21.	VISAKHAPATNAM	11052	10194	3632	747	25625
22.	WARANGAL	72430	58322	23601	709	155062
23.	WEST GODAVARI	3241	5127	6687	250	15305
State Total :		431898	425767	326547	26895	1211107

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : ANDHRA PRADESH

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	ADILABAD	5423	5578	14414	25415	4	25419
2.	ANANTHAPUR	3202	1481	50634	55317	263	55580
3.	CHITTOOR	9664	2705	109323	121692	0	121692
4.	CUDDAPAH	2616	649	37534	40799	117	40916
5.	EAST GODAVARI	282	33	1747	2062	23	2085
6.	GUNTUR	1431	426	10286	12143	3	12146
7.	HYDERABAD	4	1	83	88	2	90
8.	KARIMNAGAR	21360	7496	169501	198357	208	198565
9.	KHAMMAM	2384	7422	23422	33228	1137	34365
10.	KRISHNA	2036	623	12892	15551	5	15556
11.	KURNOOL	5257	796	28368	34421	308	34729
12.	MAHABOOB NAGAR	12138	8332	80808	101278	340	101618
13.	MEDAK	8545	3352	53350	65247	150	65397
14.	NALGONDA	10813	10973	90877	112663	4	112667
15.	NELLORE	5703	1265	24726	31694	634	32328
16.	NIZAMABAD	4325	2251	25921	32497	97	32594
17.	PRAKASAM	4468	676	23230	28374	0	28374
18.	RANGA REDDY	4527	1974	28024	34525	10	34535
19.	SRIKAKULUM	4002	1850	29212	35064	15	35079
20.	VIJAYA NAGARAM	2625	783	31292	34700	452	35152
21.	VISAKHAPATNAM	1115	532	23978	25625	18	25643
22.	WARANGAL	14634	25827	114601	155062	1498	156560
23.	WEST GODAVARI	1178	368	13759	15305	17	15322
State Total :		127732	85393	997982	1211107	5305	1216412

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : ANDHRA PRADESH		(in Nos.)				
		Type of Dugwells				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
1	2	3	4	5	6	7
1.	ADILABAD	13825	10679	549	366	25419
2.	ANANTHAPUR	15249	24680	15440	211	55580
3.	CHITTOOR	50032	54577	16298	785	121692
4.	CUDDAPAH	21545	15574	3619	178	40916
5.	EAST GODAVARI	1548	182	316	39	2085
6.	GUNTUR	3440	8428	229	49	12146
7.	HYDERABAD	82	6	0	2	90
8.	KARIMNAGAR	20151	172168	6040	206	198565
9.	KHAMMAM	5402	27034	1842	87	34365
10.	KRISHNA	5330	6140	4028	58	15556
11.	KURNOOL	12834	18404	3329	162	34729
12.	MAHABOOB NAGAR	7328	78823	15208	259	101618
13.	MEDAK	12081	47253	5309	754	65397
14.	NALGONDA	19463	59026	33630	548	112667
15.	NELLORE	13672	15100	3453	103	32328
16.	NIZAMABAD	7573	22178	2696	147	32594
17.	PRAKASAM	12831	14214	1203	126	28374
18.	RANGA REDDY	10292	20895	3039	309	34535
19.	SRIKAKULUM	27452	7179	338	110	35079
20.	VIJAYA NAGARAM	28065	6389	525	173	35152
21.	VISAKHAPATNAM	19136	5948	411	148	25643
22.	WARANGAL	31220	115253	8669	1418	156560
23.	WEST GODAVARI	7738	428	7080	76	15322
State Total :		346289	730558	133251	6314	1216412

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : ANDHRA PRADESH

(in Nos.)

Sl. No.	Name of District	Wells In Use	Dugwells Not in Use				Others	Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed			
1	2	3	4	5	6	7	8	9	10
1.	ADILABAD	21415	2161	172	709	95	867	4004	25419
2.	ANANTHAPUR	38312	4076	675	10655	1176	686	17268	55580
3.	CHITTOOR	102539	6923	1042	7405	3000	783	19153	121692
4.	CUDDAPAH	26866	4372	396	7845	1038	399	14050	40916
5.	EAST GODAVARI	1640	266	56	29	25	69	445	2085
6.	GUNTUR	11004	372	34	368	62	306	1142	12146
7.	HYDERABAD	55	34	1	0	0	0	35	90
8.	KARIMNAGAR	183441	10500	267	1114	2751	492	15124	198565
9.	KHAMMAM	28925	3540	286	533	636	445	5440	34365
10.	KRISHNA	12726	1738	145	153	399	395	2830	15556
11.	KURNOOL	28799	1816	268	3028	373	445	5930	34729
12.	MAHABOOB NAGAR	67493	17732	579	13655	1615	544	34125	101618
13.	MEDAK	50895	6600	1428	5383	834	257	14502	65397
14.	NALGONDA	91667	15473	358	3270	824	1075	21000	112667
15.	NELLORE	27439	2524	391	705	803	466	4889	32328
16.	NIZAMABAD	29625	1409	371	651	90	448	2969	32594
17.	PRAKASAM	21677	2567	266	2563	650	651	6697	28374
18.	RANGA REDDY	25263	4896	584	2784	275	733	9272	34535
19.	SRIKAKULUM	31852	2238	64	431	139	355	3227	35079
20.	VIJAYA NAGARAM	29658	3204	154	923	419	794	5494	35152
21.	VISAKHAPATNAM	24038	760	25	421	119	280	1605	25643
22.	WARANGAL	148250	8309	0	1	0	0	8310	156560
23.	WEST GODAVARI	14791	323	16	156	9	27	531	15322
State Total :		1018370	101833	7578	62782	15332	10517	198042	1216412

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : ANDHRA PRADESH

(in Nos.)

		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	ADILABAD	13822	2002	2244	6109	1240	25417
2.	ANANTHAPUR	47257	4623	1758	1110	713	55461
3.	CHITTOOR	113169	4184	1717	2367	255	121692
4.	CUDDAPAH	37003	1579	1000	942	302	40826
5.	EAST GODAVARI	1257	479	80	240	14	2070
6.	GUNTUR	9281	1184	390	1212	78	12145
7.	HYDERABAD	90	0	0	0	0	90
8.	KARIMNAGAR	185057	8207	2137	2222	927	198550
9.	KHAMMAM	25256	2972	1922	4037	178	34365
10.	KRISHNA	11322	2492	325	930	486	15555
11.	KURNOOL	24323	4378	1624	3766	501	34592
12.	MAHABOOB NAGAR	76853	16017	4086	4327	262	101545
13.	MEDAK	56169	4252	1600	1922	1397	65340
14.	NALGONDA	97546	9936	2811	1989	385	112667
15.	NELLORE	23692	2349	1697	3996	146	31880
16.	NIZAMABAD	28017	1287	579	961	1730	32574
17.	PRAKASAM	23088	818	1277	3002	189	28374
18.	RANGA REDDY	28970	2365	1209	1344	647	34535
19.	SRIKAKULUM	24929	3298	2893	3270	686	35076
20.	VIJAYA NAGARAM	26268	2821	2814	2444	404	34751
21.	VISAKHAPATNAM	21395	1508	1127	468	1142	25640
22.	WARANGAL	141713	7548	1905	3313	1184	155663
23.	WEST GODAVARI	11103	3486	374	219	130	15312
State Total :		1027580	87785	35569	50190	12996	1214120

DUGWELLS (COMPLETED) SCHEDULE A-1

State : ANDHRA PRADESH (in Nos.)

Sl. No.	Name of District	According to Water Distribution System					Total (3 to 7)
		Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	
1	2	3	4	5	6	7	8
1.	ADILABAD	754	202	21131	656	2676	25419
2.	ANANTHAPUR	302	231	51154	2540	1353	55580
3.	CHITTOOR	941	226	116302	3486	737	121692
4.	CUDDAPAH	216	76	39933	245	446	40916
5.	EAST GODAVARI	6	0	1712	23	344	2085
6.	GUNTUR	15	7	4503	0	7621	12146
7.	HYDERABAD	0	0	71	0	19	90
8.	KARIMNAGAR	851	779	184701	7493	4741	198565
9.	KHAMMAM	93	132	31832	1749	559	34365
10.	KRISHNA	67	21	15169	21	278	15556
11.	KURNOOL	81	286	28702	4253	1407	34729
12.	MAHABOOB NAGAR	368	549	95837	3408	1456	101618
13.	MEDAK	496	140	59353	2365	3043	65397
14.	NALGONDA	221	124	107055	4525	742	112667
15.	NELLORE	166	313	30197	757	895	32328
16.	NIZAMABAD	141	40	27179	4526	708	32594
17.	PRAKASAM	153	165	27592	115	349	28374
18.	RANGA REDDY	522	357	31689	523	1444	34535
19.	SRIKAKULUM	122	193	32613	1	2150	35079
20.	VIJAYA NAGARAM	70	26	33483	243	1330	35152
21.	VISAKHAPATNAM	215	101	24762	4	561	25643
22.	WARANGAL	974	1310	136189	4804	13283	156560
23.	WEST GODAVARI	55	62	14947	32	226	15322
State Total :		6829	5340	1116106	41769	46368	1216412

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : ANDHRA PRADESH

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	ADILABAD	20212	2335	163	9	2664	36	25419
2.	ANANTHAPUR	52291	2673	19	15	519	63	55580
3.	CHITTOOR	109621	8821	111	2	3112	25	121692
4.	CUDDAPAH	29893	9327	39	12	1596	49	40916
5.	EAST GODAVARI	1158	788	2	0	130	7	2085
6.	GUNTUR	1366	3000	3	1	7776	0	12146
7.	HYDERABAD	81	0	0	0	9	0	90
8.	KARIMNAGAR	185013	10511	222	49	2605	165	198565
9.	KHAMMAM	23830	9593	15	7	850	70	34365
10.	KRISHNA	9711	5051	4	2	783	5	15556
11.	KURNOOL	25293	9328	5	3	97	3	34729
12.	MAHABOOB NAGAR	75077	25060	37	82	1307	55	101618
13.	MEDAK	62484	2111	270	7	342	183	65397
14.	NALGONDA	109465	2121	108	21	950	2	112667
15.	NELLORE	21926	10365	8	7	6	16	32328
16.	NIZAMABAD	32030	264	12	1	84	203	32594
17.	PRAKASAM	13668	9668	5	1	0	5032	28374
18.	RANGA REDDY	33132	1116	108	5	167	7	34535
19.	SRIKAKULUM	4756	2989	39	6	27251	38	35079
20.	VIJAYA NAGARAM	5891	2638	4	7	26606	6	35152
21.	VISAKHAPATNAM	5296	5111	9	4	15151	72	25643
22.	WARANGAL	143666	7321	870	69	2967	1667	156560
23.	WEST GODAVARI	14632	643	0	0	29	18	15322
State Total :		980492	130834	2053	310	95001	7722	1216412

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

(in Nos.)

Sl. No.	Name of District	According to horse power of lifting devices							Total (3 to 9)
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	
1	2	3	4	5	6	7	8	9	10
1.	ADILABAD	720	15987	5943	39	34	32	2664	25419
2.	ANANTHAPUR	126	3027	46938	4518	366	86	519	55580
3.	CHITTOOR	389	65432	50239	1880	461	179	3112	121692
4.	CUDDAPAH	65	5020	31285	2322	534	94	1596	40916
5.	EAST GODAVARI	9	8	808	797	187	146	130	2085
6.	GUNTUR	169	1075	3085	24	14	3	7776	12146
7.	HYDERABAD	0	12	63	2	4	0	9	90
8.	KARIMNAGAR	1566	175130	18273	534	188	269	2605	198565
9.	KHAMMAM	379	20603	12456	42	29	6	850	34365
10.	KRISHNA	29	3998	8887	1105	620	134	783	15556
11.	KURNOOL	38	925	32855	640	133	41	97	34729
12.	MAHABOOB NAGAR	189	12009	86792	951	267	103	1307	101618
13.	MEDAK	132	41178	23416	236	40	53	342	65397
14.	NALGONDA	280	62926	47696	588	83	144	950	112667
15.	NELLORE	93	2147	29483	418	146	35	6	32328
16.	NIZAMABAD	45	9217	23086	38	18	106	84	32594
17.	PRAKASAM	369	4713	22487	514	258	33	0	28374
18.	RANGA REDDY	157	17501	16340	251	57	62	167	34535
19.	SRIKAKULUM	263	3786	3722	11	9	37	27251	35079
20.	VIJAYA NAGARAM	106	4917	3470	18	26	9	26606	35152
21.	VISAKHAPATNAM	155	1933	7911	200	209	84	15151	25643
22.	WARANGAL	1156	142470	9708	90	19	150	2967	156560
23.	WEST GODAVARI	12	195	7012	4142	2592	1340	29	15322
State Total :		6447	594209	491955	19360	6294	3146	95001	1216412

MINOR IRRIGATION CENSUS(1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : ANDHRA PRADESH

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	ADILABAD	1258	24161	25419	17239	7129	745	77	69	160	25419
2.	ANANTHAPUR	2174	53406	55580	25379	25828	3332	550	246	245	55580
3.	CHITTOOR	1250	120442	121692	72092	40071	7561	1534	381	53	121692
4.	CUDDAPAH	1116	39800	40916	21405	16219	2812	283	187	10	40916
5.	EAST GODAVARI	296	1789	2085	783	893	308	29	49	23	2085
6.	GUNTUR	2405	9741	12146	9720	2302	104	12	7	1	12146
7.	HYDERABAD	0	90	90	42	48	0	0	0	0	90
8.	KARIMNAGAR	42056	156509	198565	149568	44521	3777	535	95	69	198565
9.	KHAMMAM	2010	32355	34365	25273	8451	539	91	8	3	34365
10.	KRISHNA	4823	10733	15556	4426	9025	1297	752	31	25	15556
11.	KURNOOL	3050	31679	34729	21541	11929	1183	45	27	4	34729
12.	MAHABOOB NAGAR	1627	99991	101618	81044	17651	2324	347	214	38	101618
13.	MEDAK	435	64962	65397	41845	17368	4553	1196	206	229	65397
14.	NALGONDA	9068	103599	112667	50956	41829	17194	1712	615	361	112667
15.	NELLORE	745	31583	32328	7282	19912	3987	1024	108	15	32328
16.	NIZAMABAD	1987	30607	32594	10986	13129	8172	250	50	7	32594
17.	PRAKASAM	2564	25810	28374	9829	16618	1743	157	27	0	28374
18.	RANGA REDDY	415	34120	34535	23180	10279	961	72	35	8	34535
19.	SRIKAKULUM	4307	30772	35079	31540	3307	149	37	19	27	35079
20.	VIJAYA NAGARAM	457	34695	35152	31891	3138	113	0	6	4	35152
21.	VISAKHAPATNAM	691	24952	25643	21591	3844	187	16	4	1	25643
22.	WARANGAL	168	156392	156560	122157	29715	3837	546	217	88	156560
23.	WEST GODAVARI	52	15270	15322	1544	4909	4282	3123	1433	31	15322
State Total :		82954	1133458	1216412	781313	348115	69160	12388	4034	1402	1216412

MINOR IRRIGATION CENSUS(1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.12 Average length of Water Conveyance Channel

State : ANDHRA PRADESH

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	ADILABAD	25419	1	39	4
2.	ANANTHAPUR	55580	6	39	5
3.	CHITTOOR	121692	1	57	6
4.	CUDDAPAH	40916	7	67	2
5.	EAST GODAVARI	2085	1	38	0
6.	GUNTUR	12146	5	61	1
7.	HYDERABAD	90	9	97	1
8.	KARIMNAGAR	198565	0	28	5
9.	KHAMMAM	34365	0	34	2
10.	KRISHNA	15556	8	111	1
11.	KURNOOL	34729	10	58	17
12.	MAHABOOB NAGAR	101618	1	37	5
13.	MEDAK	65397	1	40	7
14.	NALGONDA	112667	0	18	7
15.	NELLORE	32328	5	72	5
16.	NIZAMABAD	32594	2	58	14
17.	PRAKASAM	28374	6	75	1
18.	RANGA REDDY	34535	2	41	5
19.	SRIKAKULUM	35079	0	14	0
20.	VIJAYA NAGARAM	35152	0	22	1
21.	VISAKHAPATNAM	25643	0	36	0
22.	WARANGAL	156560	1	44	4
23.	WEST GODAVARI	15322	5	175	2
State Average:		1216412	4	54	4

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : ANDHRA PRADESH

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7	8
1.	ADILABAD	22346	16794	9750	130	79	26753
2.	ANANTHAPUR	88261	64177	41856	10934	273	117240
3.	CHITTOOR	124201	93910	73940	92	5	167947
4.	CUDDAPAH	65613	56158	41441	1752	788	100139
5.	EAST GODAVARI	4258	3227	1584	842	22	5675
6.	GUNTUR	7339	6109	1717	844	32	8702
7.	HYDERABAD	165	157	145	1	0	303
8.	KARIMNAGAR	192842	175955	130517	3979	2633	313084
9.	KHAMMAM	38652	28797	14949	1936	176	45858
10.	KRISHNA	25953	12757	11104	4604	2101	30566
11.	KURNOOL	51965	46818	27180	894	212	75104
12.	MAHABOOB NAGAR	111096	93030	59823	1141	1035	155029
13.	MEDAK	62425	51943	29035	6723	596	88297
14.	NALGONDA	111063	93182	74261	4090	2713	174246
15.	NELLORE	50595	18456	28047	12015	232	58750
16.	NIZAMABAD	44075	42290	19184	1470	306	63250
17.	PRAKASAM	46923	37297	21232	2195	104	60828
18.	RANGA REDDY	44719	34587	25789	1334	387	62097
19.	SRIKAKULUM	16390	3402	13795	283	21	17501
20.	VIJAYA NAGARAM	21254	3259	18201	625	531	22616
21.	VISAKHAPATNAM	24409	13162	10213	3827	127	27329
22.	WARANGAL	157865	125599	86129	309	181	212218
23.	WEST GODAVARI	39426	24078	20504	6651	2118	53351
State Total :		1351835	1045144	760396	66671	14672	1886883

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : ANDHRA PRADESH

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	ADILABAD	13176	7473	119	40	20808
2.	ANANTHAPUR	33513	20961	10026	210	64710
3.	CHITTOOR	63715	56866	162	24	120767
4.	CUDDAPAH	26568	19659	1603	712	48542
5.	EAST GODAVARI	2175	800	844	17	3836
6.	GUNTUR	4649	1011	681	3	6344
7.	HYDERABAD	64	39	2	0	105
8.	KARIMNAGAR	119668	92212	3596	1469	216945
9.	KHAMMAM	19143	11138	1364	34	31679
10.	KRISHNA	7878	9144	4181	1990	23193
11.	KURNOOL	33244	18276	1473	144	53137
12.	MAHABOOB NAGAR	39191	26417	443	679	66730
13.	MEDAK	28534	14525	4762	348	48169
14.	NALGONDA	56050	43613	3102	1911	104676
15.	NELLORE	14920	20904	11722	170	47716
16.	NIZAMABAD	31474	13372	1299	267	46412
17.	PRAKASAM	24591	16658	2115	65	43429
18.	RANGA REDDY	17655	11913	905	311	30784
19.	SRIKAKULUM	2488	10263	272	8	13031
20.	VIJAYA NAGARAM	1395	10731	627	111	12864
21.	VISAKHAPATNAM	11334	7819	3316	113	22582
22.	WARANGAL	104770	68366	266	134	173536
23.	WEST GODAVARI	20323	17000	6031	1817	45171
State Total :		676518	499160	58911	10577	1245166

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : ANDHRA PRADESH

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	ADILABAD	684	307	2	1	994
2.	ANANTHAPUR	1232	471	480	0	2183
3.	CHITTOOR	380	263	1	0	644
4.	CUDDAPAH	610	64	1	10	685
5.	EAST GODAVARI	694	445	10	0	1149
6.	GUNTUR	642	11	10	0	663
7.	HYDERABAD	0	0	0	0	0
8.	KARIMNAGAR	4253	2036	88	12	6389
9.	KHAMMAM	574	133	9	1	717
10.	KRISHNA	1024	497	123	138	1782
11.	KURNOOL	1640	1169	24	1	2834
12.	MAHABOOB NAGAR	399	327	3	1	730
13.	MEDAK	69	35	8	2	114
14.	NALGONDA	2037	1306	47	120	3510
15.	NELLORE	79	659	4	0	742
16.	NIZAMABAD	402	63	0	0	465
17.	PRAKASAM	923	733	71	1	1728
18.	RANGA REDDY	13	97	1	0	111
19.	SRIKAKULUM	940	141	0	0	1081
20.	VIJAYA NAGARAM	19	25	7	0	51
21.	VISAKHAPATNAM	100	5	482	0	587
22.	WARANGAL	167	2	0	0	169
23.	WEST GODAVARI	14	5	0	0	19
State Total :		16895	8794	1371	287	27347

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : ANDHRA PRADESH

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	ADILABAD	21415	17374	1090	356	1556	1039	4041	21415
2.	ANANTHAPUR	38312	10831	3032	339	22977	1133	27481	38312
3.	CHITTOOR	102539	43700	12828	1571	42732	1708	58839	102539
4.	CUDDAPAH	26866	8218	1512	253	15318	1565	18648	26866
5.	EAST GODAVARI	1640	776	82	9	153	620	864	1640
6.	GUNTUR	11004	9845	20	0	620	519	1159	11004
7.	HYDERABAD	55	11	0	0	30	14	44	55
8.	KARIMNAGAR	183441	83588	6570	1249	80423	11611	99853	183441
9.	KHAMMAM	28925	18558	32	140	10061	134	10367	28925
10.	KRISHNA	12726	9611	148	50	2098	819	3115	12726
11.	KURNOOL	28799	13020	413	46	13821	1499	15779	28799
12.	MAHABOOB NAGAR	67493	763	2566	421	60565	3178	66730	67493
13.	MEDAK	50895	5995	6198	230	32150	6322	44900	50895
14.	NALGONDA	91667	29253	469	105	60503	1337	62414	91667
15.	NELLORE	27439	22858	182	21	2771	1607	4581	27439
16.	NIZAMABAD	29625	18620	4579	538	4482	1406	11005	29625
17.	PRAKASAM	21677	16470	20	113	4906	168	5207	21677
18.	RANGA REDDY	25263	5125	922	563	17678	975	20138	25263
19.	SRIKAKULUM	31852	22933	40	36	8561	282	8919	31852
20.	VIJAYA NAGARAM	29658	14507	153	156	14265	577	15151	29658
21.	VISAKHAPATNAM	24038	12434	54	30	11056	464	11604	24038
22.	WARANGAL	148250	96132	1506	253	30680	19679	52118	148250
23.	WEST GODAVARI	14791	10516	1227	76	2610	362	4275	14791
State Total :		1018370	471138	43643	6555	440016	57018	547232	1018370

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : ASSAM		(in Nos.)								
Sl. No.	Name of District	Construction of Dugwells over the years								Total (3 to 10)
		Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	
1	2	3	4	5	6	7	8	9	10	11
1.	DHUBRI	4	2	0	4	2	0	0	8	20

2.	GOALPARA	0	0	0	1	0	0	0	0	1
3.	LAKHIMPUR	1	0	1	0	2	0	0	0	4
4.	MARIGAON	1	0	0	1	0	0	0	0	2
5.	SIBSAGAR	2	0	0	0	0	0	0	0	2
6.	SONITPUR	3	0	1	0	1	1	3	0	9
* State Total :		11	2	2	6	5	1	3	8	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : ASSAM

(in Nos.)

		Dugwells Owned by							
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)	
1	2	3	4	5	6	7	8	9	
1.	DHUBRI	0	0	0	0	20	0	20	
2.	GOALPARA	0	0	0	0	1	0	1	
3.	LAKHIMPUR	0	0	0	0	4	0	4	
4.	MARIGAON	0	0	0	0	2	0	2	
5.	SIBSAGAR	0	0	0	0	2	0	2	
6.	SONITPUR	0	0	0	0	9	0	9	
* State Total :		0	0	0	0	38	0	38	

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : ASSAM

(in Nos.)

		According to Farmers' Holding size						
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)		
1	2	3	4	5	6	7		

1.	DHUBRI	1	6	13	0	20
2.	GOALPARA	0	0	1	0	1
3.	LAKHIMPUR	0	0	3	1	4
4.	MARIGAON	0	0	2	0	2
5.	SIBSAGAR	0	1	1	0	2
6.	SONITPUR	0	0	9	0	9

* State Total :		1	7	29	1	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : ASSAM

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	DHUBRI	0	9	11	20	0	20
2.	GOALPARA	1	0	0	1	0	1
3.	LAKHIMPUR	3	1	0	4	0	4
4.	MARIGAON	0	0	2	2	0	2
5.	SIBSAGAR	0	0	2	2	0	2
6.	SONITPUR	1	3	5	9	0	9

* State Total :		5	13	20	38	0	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : ASSAM

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				
		Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
1	2	3	4	5	6	7

1.	DHUBRI	2	1	17	0	20
2.	GOALPARA	0	1	0	0	1
3.	LAKHIMPUR	2	2	0	0	4
4.	MARIGAON	2	0	0	0	2
5.	SIBSAGAR	2	0	0	0	2
6.	SONITPUR	3	6	0	0	9
* State Total :		11	10	17	0	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : ASSAM

(in Nos.)

Sl. No.	Name of District	Wells In Use	Dugwells Not in Use				Others	Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed			
1	2	3	4	5	6	7	8	9	10
1.	DHUBRI	14	6	0	0	0	0	6	20
2.	GOALPARA	1	0	0	0	0	0	0	1
3.	LAKHIMPUR	1	3	0	0	0	0	3	4
4.	MARIGAON	2	0	0	0	0	0	0	2
5.	SIBSAGAR	2	0	0	0	0	0	0	2
6.	SONITPUR	8	0	0	0	1	0	1	9
* State Total :		28	9	0	0	1	0	10	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : ASSAM

(in Nos.)

Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	DHUBRI	1	5	1	10	3	20
2.	GOALPARA	0	0	0	1	0	1

1.	DHUBRI	0	15	0	0	5	0	20
2.	GOALPARA	0	1	0	0	0	0	1
3.	LAKHIMPUR	0	3	0	0	0	1	4
4.	MARIGAON	0	2	0	0	0	0	2
5.	SIBSAGAR	0	2	0	0	0	0	2
6.	SONITPUR	0	5	0	0	4	0	9

* State Total :		0	28	0	0	9	1	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : ASSAM		(in Nos.)							

According to horse power of lifting devices									

Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)

1	2	3	4	5	6	7	8	9	10

1.	DHUBRI	0	0	15	0	0	0	5	20
2.	GOALPARA	0	0	1	0	0	0	0	1
3.	LAKHIMPUR	0	0	4	0	0	0	0	4
4.	MARIGAON	0	0	2	0	0	0	0	2
5.	SIBSAGAR	0	0	2	0	0	0	0	2
6.	SONITPUR	0	0	5	0	0	0	4	9

* State Total :		0	0	29	0	0	0	9	38

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hoursM

State : ASSAM		(in Nos.)									
		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	DHUBRI	0	20	20	19	1	0	0	0	0	20
2.	GOALPARA	0	1	1	0	1	0	0	0	0	1
3.	LAKHIMPUR	0	4	4	4	0	0	0	0	0	4

4.	MARIGAON	0	2	2	0	2	0	0	0	2
5.	SIBSAGAR	0	2	2	0	2	0	0	0	2
6.	SONITPUR	0	9	9	6	3	0	0	0	9

* State Total :		0	38	38	29	9	0	0	0	38

* Data in respect of the remaining 17 Districts are NIL.										
MINOR IRRIGATION CENSUS(1993-94)										
DUGWELLS (COMPLETED) SCHEDULE A-1										
Table 1.12 Average length of Water Conveyance Channel										
State : ASSAM (in Mts.)										

		Total	Average length of channels							
		Number								
Sl. No.	Name of District	of Schemes	Pucca Channel	Kuccha Channel	Under ground Channel					

1	2	3	4	5	6					

1.	DHUBRI	20	0	86	0					
2.	GOALPARA	1	100	20	10					
3.	LAKHIMPUR	4	0	172	0					
4.	MARIGAON	2	0	27	0					
5.	SIBSAGAR	2	0	265	0					
6.	SONITPUR	9	0	51	0					

* State Average:		38	100	103	10					

* Data in respect of the remaining 17 Districts are NIL.										

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : ASSAM (in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8
1.	DHUBRI	37	31	21	0	4	56
2.	GOALPARA	2	2	1	0	0	3
3.	LAKHIMPUR	12	10	6	0	0	16
4.	MARIGAON	5	4	3	0	0	7
5.	SIBSAGAR	4	4	2	0	0	6
6.	SONITPUR	17	16	6	0	2	24

* State Total :	77	67	39	0	6	112
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* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : ASSAM

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	DHUBRI	14	8	0	1	23
2.	GOALPARA	1	1	0	0	2
3.	LAKHIMPUR	2	1	0	0	3
4.	MARIGAON	2	2	0	0	4
5.	SIBSAGAR	3	2	0	0	5
6.	SONITPUR	8	2	0	0	10
* State Total :		30	16	0	1	47

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : ASSAM

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	DHUBRI	0	0	0	0	0
2.	GOALPARA	0	0	0	0	0
3.	LAKHIMPUR	0	0	0	0	0
4.	MARIGAON	0	0	0	0	0
5.	SIBSAGAR	0	0	0	0	0
6.	SONITPUR	0	0	0	0	0

 * State Total : 0 0 0 0 0

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : ASSAM

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	DHUBRI	14	0	5	0	3	6	14	14
2.	GOALPARA	1	0	0	0	0	1	1	1
3.	LAKHIMPUR	1	0	0	0	0	1	1	1
4.	MARIGAON	2	0	0	2	0	0	2	2
5.	SIBSAGAR	2	0	0	1	0	1	2	2
6.	SONITPUR	8	0	0	0	0	8	8	8
* State Total :		28	0	5	3	3	17	28	28

* Data in respect of the remaining 17 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : BIHAR

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto	During	During	During	During	During	During	During	Total
		1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	(3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	ARARIA	3	0	0	0	1	0	1	0	5
2.	AURANGABAD	5174	451	523	517	780	713	501	397	9056
3.	BANKA	2920	610	650	712	747	445	337	284	6705
4.	BEGUSARAI	36	0	1	0	0	0	1	0	38
5.	BHABUA	3503	618	630	581	630	416	335	218	6931
6.	BHAGALPUR	1949	373	409	293	368	223	214	235	4064
7.	BHOJPUR	2859	379	198	94	109	51	56	16	3762
8.	BOKARO	1890	563	662	784	831	1105	1058	1020	7913

9.	BUXAR	1655	115	133	91	83	23	5	8	2113
10.	CHAMPARAN EAST	30	0	0	0	0	0	0	0	30
11.	CHAMPARAN WEST	12	0	0	0	0	0	0	0	12
12.	CHATRA	5899	914	1181	881	1194	882	626	623	12200
13.	DARBHANGA	19	0	0	1	0	0	0	0	20
14.	DEOGHAR	1977	268	481	579	2492	1139	1000	509	8445
15.	DHANBAD	1040	151	142	134	222	155	367	378	2589
16.	DUMKA	2376	325	359	461	7893	9252	6222	2579	29467
17.	GARHWA	5122	1131	1250	1104	1331	1185	1100	1141	13364
18.	GAYA	8636	1586	1825	1507	1711	1048	1552	1002	18867
19.	GIRIDIH	11068	1801	1976	1686	1872	1150	1278	1535	22366
20.	GODDA	2373	589	712	854	970	755	607	445	7305
21.	GOPALGANJ	1935	64	57	18	12	9	6	0	2101
22.	GUMLA	13668	2234	3644	2778	3926	1689	1996	2411	32346
23.	HAZARIBAG	14899	3266	3255	2591	2975	2141	1693	1060	31880
24.	JAMUI	1871	387	622	475	692	571	562	667	5847
25.	JEHANABAD	2113	343	302	212	192	78	65	42	3347
26.	KATIHAR	0	0	0	0	1	1	0	0	2
27.	KHAGARIA	5	0	1	0	0	0	0	0	6
28.	KISHANGANJ	1	0	0	0	0	0	0	0	1
29.	KODARMA	4499	1002	989	1027	851	650	449	286	9753
30.	LAKHISARAI	300	17	24	37	39	43	44	105	609
31.	LOHARDAGA	9133	945	910	665	871	1119	680	1289	15612
32.	MADHEPURA	2	0	0	0	0	0	0	0	2
33.	MADHUBANI	36	1	4	2	7	0	1	8	59
34.	MUNGER	1296	80	103	102	241	121	60	125	2128
35.	MUZAFFARPUR	1385	13	11	16	17	11	7	0	1460
36.	NALANDA	11662	2522	2297	1613	1560	1083	840	878	22455
37.	NAWADA	2415	434	504	402	481	528	528	595	5887
38.	PAKUR	226	148	52	69	235	108	17	27	882
39.	PALAMU	10055	2050	2751	2031	1827	1511	1518	1042	22785
40.	PATNA	5374	512	471	198	236	110	56	101	7058
41.	PURNIA	1	0	2	0	0	0	0	0	3
42.	RANCHI	8405	3757	8913	3031	4859	4984	2863	2559	39371
43.	ROHTAS	4940	378	351	318	414	267	216	201	7085
44.	SAHEBGANJ	357	264	342	177	459	312	126	67	2104
45.	SAMASTIPUR	22	1	0	0	0	0	0	0	23
46.	SARAN	2388	268	126	40	25	18	15	2	2882
47.	SHEIKHPURA	170	35	76	94	106	40	13	10	544
48.	SINGHBHUM EAST	1285	226	163	161	237	84	116	77	2349
49.	SINGHBHUM WEST	2449	488	305	226	301	269	318	406	4762
50.	SITAMARHI	8	0	1	0	0	0	1	0	10
51.	SIWAN	10581	209	97	56	33	20	9	6	11011
52.	VAISHALI	1069	112	99	101	76	44	68	13	1582

* State Total :	171091	29630	37604	26719	41907	34353	27527	22367	391198
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* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : BIHAR

(in Nos.)

Sl. No.	Name of District	Dugwells Owned by						Total (3 to 8)
		Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	
1	2	3	4	5	6	7	8	9
1.	ARARIA	2	0	0	0	3	0	5
2.	AURANGABAD	164	3	2	48	8835	4	9056
3.	BANKA	35	0	1	8	6660	1	6705
4.	BEGUSARAI	1	0	0	2	35	0	38
5.	BHABUA	494	12	9	70	6337	9	6931
6.	BHAGALPUR	13	0	0	1	4050	0	4064
7.	BHOJPUR	112	0	7	19	3624	0	3762
8.	BOKARO	8	0	0	0	7905	0	7913
9.	BUXAR	9	1	4	10	2088	1	2113
10.	CHAMPARAN EAST	0	0	0	0	30	0	30
11.	CHAMPARAN WEST	0	0	0	2	10	0	12
12.	CHATRA	18	0	0	4	12178	0	12200
13.	DARBHANGA	9	0	0	0	11	0	20
14.	DEOGHAR	1434	11	30	21	6907	42	8445
15.	DHANBAD	91	6	8	10	2473	1	2589
16.	DUMKA	129	12	17	8	29298	3	29467
17.	GARHWA	351	8	12	27	12962	4	13364
18.	GAYA	1530	23	76	83	17145	10	18867
19.	GIRIDIH	1816	167	157	401	19726	99	22366
20.	GODDA	1492	103	34	10	5649	17	7305
21.	GOPALGANJ	109	67	14	18	1892	1	2101
22.	GUMLA	1639	75	32	190	30163	247	32346
23.	HAZARIBAG	2068	55	315	66	29316	60	31880
24.	JAMUI	545	18	63	39	5104	78	5847
25.	JEHANABAD	75	5	21	2	3237	7	3347
26.	KATIHAR	0	0	0	0	2	0	2
27.	KHAGARIA	0	0	0	0	6	0	6
28.	KISHANGANJ	1	0	0	0	0	0	1
29.	KODARMA	1	0	0	0	9752	0	9753
30.	LAKHISARAI	12	0	0	0	597	0	609
31.	LOHARDAGA	15	17	2	9	15569	0	15612
32.	MADHEPURA	0	0	0	0	2	0	2
33.	MADHUBANI	5	0	0	0	54	0	59
34.	MUNGER	19	8	1	2	2098	0	2128
35.	MUZAFFARPUR	25	0	0	0	1435	0	1460
36.	NALANDA	241	3	4	170	22032	5	22455
37.	NAWADA	398	3	0	109	5364	13	5887
38.	PAKUR	6	1	3	2	870	0	882

39.	PALAMU	2890	128	123	198	19433	13	22785
40.	PATNA	148	6	19	16	6867	2	7058
41.	PURNIA	3	0	0	0	0	0	3
42.	RANCHI	1322	44	2	8	37966	29	39371
43.	ROHTAS	125	10	6	25	6908	11	7085
44.	SAHEBGANJ	61	1	0	4	2038	0	2104
45.	SAMASTIPUR	0	0	0	1	22	0	23
46.	SARAN	16	0	12	7	2847	0	2882
47.	SHEIKHPURA	22	2	0	14	506	0	544
48.	SINGHBHUM EAST	40	4	1	14	2290	0	2349
49.	SINGHBHUM WEST	136	0	0	4	4621	1	4762
50.	SITAMARHI	1	0	0	0	9	0	10
51.	SIWAN	55	2	1	20	10928	5	11011
52.	VAISHALI	13	0	0	5	1564	0	1582

* State Total :		17699	795	976	1647	369418	663	391198

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : BIHAR		(in Nos.)				
		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	ARARIA	1	2	0	0	3
2.	AURANGABAD	2890	2438	3212	343	8883
3.	BANKA	3815	1796	986	71	6668
4.	BEGUSARAI	21	9	7	0	37
5.	BHABUA	1729	1855	2405	418	6407
6.	BHAGALPUR	2221	908	858	64	4051
7.	BHOJPUR	936	1242	1400	65	3643
8.	BOKARO	4592	3007	296	10	7905
9.	BUXAR	479	580	974	65	2098
10.	CHAMPARAN EAST	8	12	10	0	30
11.	CHAMPARAN WEST	7	5	0	0	12
12.	CHATRA	7777	3089	1240	76	12182
13.	DARBHANGA	1	0	9	1	11
14.	DEOGHAR	4974	1519	368	67	6928
15.	DHANBAD	1903	469	101	10	2483
16.	DUMKA	20151	7717	1336	102	29306
17.	GARHWA	4776	4645	3310	258	12989

18.	GAYA	7717	5427	3782	302	17228
19.	GIRIDIH	10072	7111	2686	258	20127
20.	GODDA	3506	1447	503	203	5659
21.	GOPALGANJ	801	787	262	60	1910
22.	GUMLA	7949	15024	6899	481	30353
23.	HAZARIBAG	18381	7814	2874	313	29382
24.	JAMUI	3214	1311	466	152	5143
25.	JEHANABAD	1197	1178	804	60	3239
26.	KATIHAR	0	2	0	0	2
27.	KHAGARIA	1	0	4	1	6
28.	KISHANGANJ	0	0	0	0	0
29.	KODARMA	6912	1927	867	46	9752
30.	LAKHISARAI	320	211	56	10	597
31.	LOHARDAGA	9249	4764	1246	319	15578
32.	MADHEPURA	0	0	2	0	2
33.	MADHUBANI	33	17	4	0	54
34.	MUNGER	1364	380	318	38	2100
35.	MUZAFFARPUR	604	470	337	24	1435
36.	NALANDA	7947	7939	5775	541	22202
37.	NAWADA	2514	1825	1041	93	5473
38.	PAKUR	323	405	130	14	872
39.	PALAMU	8249	7083	3951	348	19631
40.	PATNA	2758	2798	1189	138	6883
41.	PURNIA	0	0	0	0	0
42.	RANCHI	23081	12007	2646	240	37974
43.	ROHTAS	2286	2051	2313	283	6933
44.	SAHEBGANJ	789	963	288	2	2042
45.	SAMASTIPUR	2	12	9	0	23
46.	SARAN	1784	776	278	16	2854
47.	SHEIKHPURA	309	164	47	0	520
48.	SINGHBHUM EAST	592	1025	655	32	2304
49.	SINGHBHUM WEST	1462	1911	1194	58	4625
50.	SITAMARHI	4	4	1	0	9
51.	SIWAN	5433	3604	1801	110	10948
52.	VAISHALI	947	406	213	3	1569

* State Total : 186081 120136 59153 5695 371065

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : BIHAR

(in Nos.)

Sl.	Name of District	According to Social Status of farmers				Owned by other than ind./group	Grand Total
		Schedule	Schedule	Others	Total		

No.		Caste	Tribe		(3+4+5)	of farmers	(6 + 7)
1	2	3	4	5	6	7	8
1.	ARARIA	0	0	3	3	2	5
2.	AURANGABAD	2045	135	6703	8883	173	9056
3.	BANKA	947	705	5016	6668	37	6705
4.	BEGUSARAI	2	2	33	37	1	38
5.	BHABUA	711	219	5477	6407	524	6931
6.	BHAGALPUR	532	157	3362	4051	13	4064
7.	BHOJPUR	166	34	3443	3643	119	3762
8.	BOKARO	1610	3350	2945	7905	8	7913
9.	BUXAR	59	71	1968	2098	15	2113
10.	CHAMPARAN EAST	1	0	29	30	0	30
11.	CHAMPARAN WEST	0	0	12	12	0	12
12.	CHATRA	3662	636	7884	12182	18	12200
13.	DARBHANGA	1	0	10	11	9	20
14.	DEOGHAR	1470	1273	4185	6928	1517	8445
15.	DHANBAD	367	591	1525	2483	106	2589
16.	DUMKA	2500	16055	10751	29306	161	29467
17.	GARHWA	3850	2874	6265	12989	375	13364
18.	GAYA	4954	262	12012	17228	1639	18867
19.	GIRIDIH	3609	1992	14526	20127	2239	22366
20.	GODDA	759	2580	2320	5659	1646	7305
21.	GOPALGANJ	95	15	1800	1910	191	2101
22.	GUMLA	1972	23191	5190	30353	1993	32346
23.	HAZARIBAG	3957	3447	21978	29382	2498	31880
24.	JAMUI	1164	647	3332	5143	704	5847
25.	JEHANABAD	135	13	3091	3239	108	3347
26.	KATIHAR	0	0	2	2	0	2
27.	KHAGARIA	0	0	6	6	0	6
28.	KISHANGANJ	0	0	0	0	1	1
29.	KODARMA	2053	198	7501	9752	1	9753
30.	LAKHISARAI	122	38	437	597	12	609
31.	LOHARDAGA	478	10316	4784	15578	34	15612
32.	MADHEPURA	0	0	2	2	0	2
33.	MADHUBANI	1	0	53	54	5	59
34.	MUNGER	313	248	1539	2100	28	2128
35.	MUZAFFARPUR	80	9	1346	1435	25	1460
36.	NALANDA	1422	76	20704	22202	253	22455
37.	NAWADA	1573	57	3843	5473	414	5887
38.	PAKUR	58	728	86	872	10	882
39.	PALAMU	4319	6912	8400	19631	3154	22785
40.	PATNA	383	20	6480	6883	175	7058
41.	PURNIA	0	0	0	0	3	3
42.	RANCHI	1852	28176	7946	37974	1397	39371
43.	ROHTAS	813	137	5983	6933	152	7085
44.	SAHEBGANJ	244	1556	242	2042	62	2104
45.	SAMASTIPUR	0	0	23	23	0	23
46.	SARAN	147	29	2678	2854	28	2882
47.	SHEIKHPURA	84	2	434	520	24	544

48.	SINGHBHUM EAST	157	1132	1015	2304	45	2349
49.	SINGHBHUM WEST	296	3077	1252	4625	137	4762
50.	SITAMARHI	0	0	9	9	1	10
51.	SIWAN	540	21	10387	10948	63	11011
52.	VAISHALI	53	13	1503	1569	13	1582
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* State Total :		49556	110994	210515	371065	20133	391198
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* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : BIHAR

(in Nos.)

		Type of Dugwells				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
-----	-----	-----	-----	-----	-----	-----
1	2	3	4	5	6	7
-----	-----	-----	-----	-----	-----	-----
1.	ARARIA	4	1	0	0	5
2.	AURANGABAD	8064	173	806	13	9056
3.	BANKA	5944	629	126	6	6705
4.	BEGUSARAI	34	4	0	0	38
5.	BHABUA	4387	173	2363	8	6931
6.	BHAGALPUR	3406	463	176	19	4064
7.	BHOJPUR	3420	219	88	35	3762
8.	BOKARO	7550	318	10	35	7913
9.	BUXAR	1680	41	388	4	2113
10.	CHAMPARAN EAST	27	1	1	1	30
11.	CHAMPARAN WEST	12	0	0	0	12
12.	CHATRA	10652	1530	9	9	12200
13.	DARBHANGA	20	0	0	0	20
14.	DEOGHAR	8115	298	10	22	8445
15.	DHANBAD	2554	25	3	7	2589
16.	DUMKA	28656	718	35	58	29467
17.	GARHWA	12486	851	15	12	13364
18.	GAYA	15397	286	3163	21	18867
19.	GIRIDIH	20582	1693	31	60	22366
20.	GODDA	6836	427	15	27	7305
21.	GOPALGANJ	1847	111	143	0	2101
22.	GUMLA	29603	2642	23	78	32346
23.	HAZARIBAG	28329	3236	245	70	31880
24.	JAMUI	5441	288	86	32	5847
25.	JEHANABAD	2070	15	1262	0	3347
26.	KATI HAR	2	0	0	0	2

27.	KHAGARIA	6	0	0	0	6
28.	KISHANGANJ	1	0	0	0	1
29.	KODARMA	9160	550	26	17	9753
30.	LAKHISARAI	573	25	5	6	609
31.	LOHARDAGA	14688	922	1	1	15612
32.	MADHEPURA	2	0	0	0	2
33.	MADHUBANI	59	0	0	0	59
34.	MUNGER	2078	26	24	0	2128
35.	MUZAFFARPUR	1153	291	0	16	1460
36.	NALANDA	10077	1187	11149	42	22455
37.	NAWADA	5449	229	158	51	5887
38.	PAKUR	869	12	0	1	882
39.	PALAMU	21484	1173	101	27	22785
40.	PATNA	4550	359	2148	1	7058
41.	PURNIA	3	0	0	0	3
42.	RANCHI	34263	4948	59	101	39371
43.	ROHTAS	6284	43	703	55	7085
44.	SAHEBGANJ	2002	101	0	1	2104
45.	SAMASTIPUR	23	0	0	0	23
46.	SARAN	2456	373	52	1	2882
47.	SHEIKHPURA	522	7	10	5	544
48.	SINGHBHUM EAST	2147	91	100	11	2349
49.	SINGHBHUM WEST	4497	235	2	28	4762
50.	SITAMARHI	7	3	0	0	10
51.	SIWAN	10556	335	112	8	11011
52.	VAISHALI	603	56	922	1	1582

* State Total :		340630	25108	24570	890	391198

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : BIHAR		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Dugwells Not in Use				Others	Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed			
1	2	3	4	5	6	7	8	9	10
1.	ARARIA	1	2	0	0	1	1	4	5
2.	AURANGABAD	7855	677	0	319	67	138	1201	9056
3.	BANKA	6631	48	0	18	7	1	74	6705
4.	BEGUSARAI	25	5	1	4	3	0	13	38
5.	BHABUA	6814	51	0	39	15	12	117	6931
6.	BHAGALPUR	3984	47	0	8	19	6	80	4064

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : BIHAR

(in Nos.)

		Source of Finance for constructing Dugwells					Total (3 to 7)
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	ARARIA	2	0	0	0	1	3
2.	AURANGABAD	4065	99	751	3674	303	8892
3.	BANKA	3319	196	340	2265	550	6670
4.	BEGUSARAI	13	0	3	20	1	37
5.	BHABUA	4594	162	223	1293	165	6437
6.	BHAGALPUR	2616	75	275	1058	27	4051
7.	BHOJPUR	3066	91	68	161	264	3650
8.	BOKARO	1327	8	605	5926	39	7905
9.	BUXAR	1683	101	44	53	223	2104
10.	CHAMPARAN EAST	14	0	1	15	0	30
11.	CHAMPARAN WEST	10	0	0	2	0	12
12.	CHATRA	7105	228	497	4268	84	12182
13.	DARBHANGA	0	1	9	1	0	11
14.	DEOGHAR	871	52	551	5247	290	7011
15.	DHANBAD	351	8	223	1900	16	2498
16.	DUMKA	1029	52	472	27015	770	29338
17.	GARHWA	4626	42	511	7549	285	13013
18.	GAYA	10451	301	507	5964	114	17337
19.	GIRIDIH	10132	539	1009	8495	375	20550
20.	GODDA	930	85	207	4405	186	5813
21.	GOPALGANJ	1649	44	70	181	48	1992
22.	GUMLA	8785	157	561	18436	2768	30707
23.	HAZARIBAG	20762	1197	2224	5353	276	29812
24.	JAMUI	1951	70	374	2641	266	5302
25.	JEHANABAD	2217	61	162	794	38	3272
26.	KATIHAR	0	0	0	0	2	2
27.	KHAGARIA	0	2	3	0	1	6
28.	KISHANGANJ	0	0	0	0	0	0
29.	KODARMA	5923	708	813	2263	45	9752
30.	LAKHISARAI	189	18	48	332	10	597
31.	LOHARDAGA	4579	326	50	10456	186	15597
32.	MADHEPURA	0	0	0	2	0	2
33.	MADHUBANI	12	0	8	17	17	54
34.	MUNGER	908	109	78	786	228	2109
35.	MUZAFFARPUR	1118	31	10	39	237	1435
36.	NALANDA	18748	686	902	1586	292	22214

37.	NAWADA	2191	94	460	2622	122	5489
38.	PAKUR	20	0	17	810	29	876
39.	PALAMU	4871	153	455	13945	471	19895
40.	PATNA	5910	117	176	424	283	6910
41.	PURNIA	0	0	0	0	0	0
42.	RANCHI	9123	228	804	27269	625	38049
43.	ROHTAS	4357	147	238	2053	165	6960
44.	SAHEBGANJ	205	0	38	1789	11	2043
45.	SAMASTIPUR	16	1	0	6	0	23
46.	SARAN	2724	28	35	46	33	2866
47.	SHEIKHPURA	375	6	9	91	41	522
48.	SINGHBHUM EAST	373	52	123	1731	30	2309
49.	SINGHBHUM WEST	364	181	235	3769	77	4626
50.	SITAMARHI	8	1	0	0	0	9
51.	SIWAN	9789	312	129	261	465	10956
52.	VAISHALI	1331	74	69	72	23	1569

* State Total : 164702 6843 14387 177085 10482 373499

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : BIHAR

(in Nos.)

		According to Water Distribution System					Total (3 to 7)
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	
1	2	3	4	5	6	7	8
1.	ARARIA	0	0	5	0	0	5
2.	AURANGABAD	202	86	7352	152	1264	9056
3.	BANKA	7	54	5559	131	954	6705
4.	BEGUSARAI	0	0	37	0	1	38
5.	BHABUA	80	36	6259	32	524	6931
6.	BHAGALPUR	26	8	3732	41	257	4064
7.	BHOJPUR	33	17	3266	65	381	3762
8.	BOKARO	33	2	7551	289	38	7913
9.	BUXAR	65	65	1138	14	831	2113
10.	CHAMPARAN EAST	0	0	30	0	0	30
11.	CHAMPARAN WEST	0	0	12	0	0	12
12.	CHATRA	52	96	11158	134	760	12200
13.	DARBHANGA	1	0	11	8	0	20

14.	DEOGHAR	87	32	7523	419	384	8445
15.	DHANBAD	44	15	2075	72	383	2589
16.	DUMKA	466	33	22329	678	5961	29467
17.	GARHWA	143	10	12314	537	360	13364
18.	GAYA	205	95	16275	375	1917	18867
19.	GIRIDIH	108	18	18761	159	3320	22366
20.	GODDA	49	19	6414	151	672	7305
21.	GOPALGANJ	22	3	2042	32	2	2101
22.	GUMLA	246	31	30824	331	914	32346
23.	HAZARIBAG	663	62	29590	194	1371	31880
24.	JAMUI	163	34	5254	102	294	5847
25.	JEHANABAD	33	8	3194	17	95	3347
26.	KATIHAR	0	0	2	0	0	2
27.	KHAGARIA	0	0	6	0	0	6
28.	KISHANGANJ	0	0	1	0	0	1
29.	KODARMA	118	27	9516	40	52	9753
30.	LAKHISARAI	3	9	508	46	43	609
31.	LOHARDAGA	23	61	15380	45	103	15612
32.	MADHEPURA	0	0	2	0	0	2
33.	MADHUBANI	0	0	43	0	16	59
34.	MUNGER	8	6	2014	61	39	2128
35.	MUZAFFARPUR	432	1	1008	7	12	1460
36.	NALANDA	300	325	19775	204	1851	22455
37.	NAWADA	351	17	5133	212	174	5887
38.	PAKUR	13	3	737	11	118	882
39.	PALAMU	168	84	17674	304	4555	22785
40.	PATNA	177	4	6385	35	457	7058
41.	PURNIA	0	0	3	0	0	3
42.	RANCHI	297	1150	33921	408	3595	39371
43.	ROHTAS	591	71	5877	110	436	7085
44.	SAHEBGANJ	24	5	1793	30	252	2104
45.	SAMASTIPUR	0	0	23	0	0	23
46.	SARAN	394	6	2211	19	252	2882
47.	SHEIKHPURA	0	9	422	6	107	544
48.	SINGHBHUM EAST	26	11	1666	96	550	2349
49.	SINGHBHUM WEST	16	42	3800	113	791	4762
50.	SITAMARHI	0	0	10	0	0	10
51.	SIWAN	69	4	10757	47	134	11011
52.	VAISHALI	7	0	1558	1	16	1582

* State Total :		5745	2559	342930	5728	34236	391198

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : BIHAR

(in Nos.)

According to Water Lifting Devices for Dugwells								

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)

1	2	3	4	5	6	7	8	9

1.	ARARIA	0	1	0	0	4	0	5
2.	AURANGABAD	1506	2910	21	6	4522	91	9056
3.	BANKA	52	2286	3	0	4316	48	6705
4.	BEGUSARAI	0	1	0	0	33	4	38
5.	BHABUA	1912	4060	28	0	719	212	6931
6.	BHAGALPUR	571	1742	2	1	1744	4	4064
7.	BHOJPUR	22	2241	19	15	1428	37	3762
8.	BOKARO	26	1381	11	6	6140	349	7913
9.	BUXAR	147	1193	2	2	415	354	2113
10.	CHAMPARAN EAST	1	3	0	0	26	0	30
11.	CHAMPARAN WEST	0	5	0	0	7	0	12
12.	CHATRA	229	4401	29	13	7433	95	12200
13.	DARBHANGA	4	11	0	0	5	0	20
14.	DEOGHAR	56	6271	21	9	2012	76	8445
15.	DHANBAD	53	707	8	4	1758	59	2589
16.	DUMKA	208	12987	61	17	15511	683	29467
17.	GARHWA	479	5328	32	13	6863	649	13364
18.	GAYA	2060	10854	26	41	5436	450	18867
19.	GIRIDIH	167	5015	35	18	15270	1861	22366
20.	GODDA	38	712	36	11	6247	261	7305
21.	GOPALGANJ	16	291	1	0	1782	11	2101
22.	GUMLA	221	4702	33	24	26718	648	32346
23.	HAZARIBAG	96	11903	67	43	18888	883	31880
24.	JAMUI	222	1425	5	11	4146	38	5847
25.	JEHANABAD	452	2335	2	0	533	25	3347
26.	KATIHAR	0	2	0	0	0	0	2
27.	KHAGARIA	0	6	0	0	0	0	6
28.	KISHANGANJ	1	0	0	0	0	0	1
29.	KODARMA	67	3098	10	20	6543	15	9753
30.	LAKHISARAI	10	217	0	0	341	41	609
31.	LOHARDAGA	84	2760	8	18	8900	3842	15612
32.	MADHEPURA	0	2	0	0	0	0	2
33.	MADHUBANI	0	20	0	0	39	0	59
34.	MUNGER	115	978	1	0	1026	8	2128
35.	MUZAFFARPUR	308	241	1	0	910	0	1460
36.	NALANDA	3326	17124	191	1	1222	591	22455
37.	NAWADA	609	1572	8	1	3479	218	5887
38.	PAKUR	2	143	3	0	729	5	882
39.	PALAMU	1115	6396	80	35	14453	706	22785
40.	PATNA	711	5036	11	1	1276	23	7058
41.	PURNIA	3	0	0	0	0	0	3
42.	RANCHI	235	19717	51	39	18591	738	39371
43.	ROHTAS	1991	3955	7	19	944	169	7085

44.	SAHEBGANJ	17	613	1	1	1439	33	2104
45.	SAMASTIPUR	0	1	0	0	22	0	23
46.	SARAN	44	175	1	2	2524	136	2882
47.	SHEIKHPURA	8	379	1	0	155	1	544
48.	SINGHBHUM EAST	58	948	4	4	948	387	2349
49.	SINGHBHUM WEST	10	898	5	3	3782	64	4762
50.	SITAMARHI	0	1	0	0	9	0	10
51.	SIWAN	14	187	1	1	10765	43	11011
52.	VAISHALI	394	1031	1	0	155	1	1582

* State Total :		17660	148265	827	379	210208	13859	391198

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : BIHAR

(in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	ARARIA	0	0	1	0	0	0	4	5
2.	AURANGABAD	85	783	3621	38	2	5	4522	9056
3.	BANKA	9	65	2312	1	1	1	4316	6705
4.	BEGUSARAI	4	0	1	0	0	0	33	38
5.	BHABUA	225	1226	2112	2334	290	25	719	6931
6.	BHAGALPUR	19	514	1724	52	1	10	1744	4064
7.	BHOJPUR	12	16	1487	814	4	1	1428	3762
8.	BOKARO	1007	49	646	0	70	1	6140	7913
9.	BUXAR	48	76	1057	336	180	1	415	2113
10.	CHAMPARAN EAST	1	0	3	0	0	0	26	30
11.	CHAMPARAN WEST	0	0	5	0	0	0	7	12
12.	CHATRA	1934	239	2579	4	1	3	7440	12200
13.	DARBHANGA	0	0	11	0	0	4	5	20
14.	DEOGHAR	110	66	6044	4	0	11	2210	8445
15.	DHANBAD	413	53	360	0	4	1	1758	2589
16.	DUMKA	1647	417	11843	17	3	27	15513	29467
17.	GARHWA	660	212	5601	4	2	19	6866	13364
18.	GAYA	833	1547	10987	17	25	21	5437	18867
19.	GIRIDIH	1595	202	4710	32	13	544	15270	22366

1	2	3	4	5	6	7	8	9	10	11	12
1.	ARARIA	0	5	5	1	1	3	0	0	0	5
2.	AURANGABAD	2211	6845	9056	4127	4018	808	76	23	4	9056
3.	BANKA	1298	5407	6705	4448	2137	117	2	1	0	6705
4.	BEGUSARAI	0	38	38	11	14	13	0	0	0	38
5.	BHABUA	1355	5576	6931	2808	3567	487	24	17	28	6931
6.	BHAGALPUR	16	4048	4064	1891	2077	94	0	0	2	4064
7.	BHOJPUR	1429	2333	3762	1851	1474	433	4	0	0	3762
8.	BOKARO	28	7885	7913	5482	2202	190	29	8	2	7913
9.	BUXAR	926	1187	2113	1122	941	50	0	0	0	2113
10.	CHAMPARAN EAST	2	28	30	18	8	4	0	0	0	30
11.	CHAMPARAN WEST	2	10	12	5	7	0	0	0	0	12
12.	CHATRA	9	12191	12200	8104	3946	145	1	3	1	12200
13.	DARBHANGA	3	17	20	10	9	1	0	0	0	20
14.	DEOGHAR	175	8270	8445	6669	1664	91	1	12	8	8445
15.	DHANBAD	81	2508	2589	2109	418	48	9	4	1	2589
16.	DUMKA	586	28881	29467	21698	7009	640	85	24	11	29467
17.	GARHWA	160	13204	13364	9388	3723	202	17	18	16	13364
18.	GAYA	811	18056	18867	8553	9645	565	76	21	7	18867
19.	GIRIDIH	46	22320	22366	15580	5940	805	30	7	4	22366
20.	GODDA	453	6852	7305	3325	2786	1129	7	15	43	7305
21.	GOPALGANJ	150	1951	2101	455	1005	641	0	0	0	2101
22.	GUMLA	427	31919	32346	21632	7268	3298	70	8	70	32346
23.	HAZARIBAG	69	31811	31880	21447	8293	1829	175	83	53	31880
24.	JAMUI	100	5747	5847	4082	1599	149	17	0	0	5847
25.	JEHANABAD	174	3173	3347	767	2394	179	7	0	0	3347
26.	KATIHAR	0	2	2	0	2	0	0	0	0	2
27.	KHAGARIA	0	6	6	0	6	0	0	0	0	6
28.	KISHANGANJ	0	1	1	0	1	0	0	0	0	1
29.	KODARMA	174	9579	9753	6059	3527	156	4	4	3	9753
30.	LAKHISARAI	106	503	609	426	138	45	0	0	0	609
31.	LOHARDAGA	68	15544	15612	11172	4266	143	11	12	8	15612
32.	MADHEPURA	0	2	2	2	0	0	0	0	0	2
33.	MADHUBANI	12	47	59	31	15	13	0	0	0	59
34.	MUNGER	79	2049	2128	933	1143	41	9	2	0	2128
35.	MUZAFFARPUR	122	1338	1460	608	18	834	0	0	0	1460
36.	NALANDA	82	22373	22455	4669	16545	1166	53	14	8	22455
37.	NAWADA	21	5866	5887	4238	1500	132	13	1	3	5887
38.	PAKUR	2	880	882	525	162	191	3	1	0	882
39.	PALAMU	315	22470	22785	18265	4428	84	0	0	8	22785
40.	PATNA	599	6459	7058	1855	4913	269	10	10	1	7058
41.	PURNIA	0	3	3	3	0	0	0	0	0	3
42.	RANCHI	103	39268	39371	28071	10810	377	61	12	40	39371
43.	ROHTAS	2415	4670	7085	3926	2867	184	64	3	41	7085
44.	SAHEBGANJ	2	2102	2104	1700	335	68	0	1	0	2104
45.	SAMASTIPUR	0	23	23	14	3	6	0	0	0	23
46.	SARAN	137	2745	2882	2122	703	55	2	0	0	2882
47.	SHEIKHPURA	23	521	544	391	120	33	0	0	0	544
48.	SINGHBHUM EAST	22	2327	2349	1582	633	92	16	8	18	2349
49.	SINGHBHUM WEST	99	4663	4762	3889	601	255	7	1	9	4762

50.	SITAMARHI	0	10	10	7	1	2	0	0	0	10
51.	SIWAN	1081	9930	11011	6073	4597	319	20	2	0	11011
52.	VAISHALI	3	1579	1582	240	1092	247	3	0	0	1582
* State Total :		15976	375222	391198	242384	130571	16633	906	315	389	391198

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : BIHAR

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	ARARIA	5	0	76	0
2.	AURANGABAD	9056	0	64	0
3.	BANKA	6705	1	39	0
4.	BEGUSARAI	38	0	92	0
5.	BHABUA	6931	1	46	1
6.	BHAGALPUR	4064	1	65	0
7.	BHOJPUR	3762	2	37	1
8.	BOKARO	7913	1	29	0
9.	BUXAR	2113	1	40	0
10.	CHAMPARAN EAST	30	0	110	0
11.	CHAMPARAN WEST	12	50	134	0
12.	CHATRA	12200	0	38	0
13.	DARBHANGA	20	0	70	133
14.	DEOGHAR	8445	0	43	0
15.	DHANBAD	2589	0	38	0
16.	DUMKA	29467	2	31	2
17.	GARHWA	13364	6	48	5
18.	GAYA	18867	1	74	0
19.	GIRIDIH	22366	0	31	0
20.	GODDA	7305	0	48	0
21.	GOPALGANJ	2101	0	56	0
22.	GUMLA	32346	0	28	0
23.	HAZARIBAG	31880	4	32	0
24.	JAMUI	5847	1	37	3
25.	JEHANABAD	3347	0	102	0
26.	KATIHAR	2	0	130	0
27.	KHAGARIA	6	0	108	0
28.	KISHANGANJ	1	50	20	0

29.	KODARMA	9753	0	32	1
30.	LAKHISARAI	609	0	74	4
31.	LOHARDAGA	15612	0	30	0
32.	MADHEPURA	2	0	0	0
33.	MADHUBANI	59	2	76	0
34.	MUNGER	2128	1	55	0
35.	MUZAFFARPUR	1460	0	62	0
36.	NALANDA	22455	1	64	2
37.	NAWADA	5887	1	44	0
38.	PAKUR	882	0	49	0
39.	PALAMU	22785	0	40	0
40.	PATNA	7058	4	90	1
41.	PURNIA	3	0	15	0
42.	RANCHI	39371	1	31	0
43.	ROHTAS	7085	0	37	0
44.	SAHEBGANJ	2104	0	33	0
45.	SAMASTIPUR	23	0	191	0
46.	SARAN	2882	0	306	216
47.	SHEIKHPURA	544	0	47	0
48.	SINGHBHUM EAST	2349	0	33	0
49.	SINGHBHUM WEST	4762	0	20	0
50.	SITAMARHI	10	0	44	0
51.	SIWAN	11011	0	55	0
52.	VAISHALI	1582	0	77	8

* State Average:		391198	6	62	31

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : BIHAR		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perennial	Others	
1	2	3	4	5	6	7	8
1.	ARARIA	5	4	4	0	1	9
2.	AURANGABAD	14824	11787	10221	2351	3539	27898
3.	BANKA	5611	3232	3409	243	157	7041
4.	BEGUSARAI	28	22	24	2	2	50
5.	BHABUA	13793	10351	9552	349	197	20449
6.	BHAGALPUR	4168	3017	3276	266	168	6727
7.	BHOJPUR	4932	2768	3098	227	107	6200
8.	BOKARO	4137	1817	2526	323	29	4695

9.	BUXAR	3502	2700	2408	35	38	5181
10.	CHAMPARAN EAST	37	16	24	1	5	46
11.	CHAMPARAN WEST	7	2	3	3	2	10
12.	CHATRA	5848	2685	4166	235	132	7218
13.	DARBHANGA	62	29	53	6	0	88
14.	DEOGHAR	5980	3082	4479	322	710	8593
15.	DHANBAD	1429	640	1019	147	158	1964
16.	DUMKA	16490	9775	11317	1055	1001	23148
17.	GARHWA	13384	5167	9724	460	334	15685
18.	GAYA	23051	14868	14577	873	380	30698
19.	GIRIDIH	13696	5808	9654	418	409	16289
20.	GODDA	6443	3557	4274	490	372	8693
21.	GOPALGANJ	2029	1006	1555	232	163	2956
22.	GUMLA	13467	8643	7963	848	681	18135
23.	HAZARIBAG	11654	4547	8787	557	518	14409
24.	JAMUI	4383	2224	2800	412	335	5771
25.	JEHANABAD	7725	4531	4613	410	421	9975
26.	KATIHAR	8	3	8	0	0	11
27.	KHAGARIA	24	13	24	0	0	37
28.	KISHANGANJ	4	4	4	0	0	8
29.	KODARMA	6407	3328	5441	586	450	9805
30.	LAKHISARAI	693	238	534	13	82	867
31.	LOHARDAGA	6317	2953	5248	212	428	8841
32.	MADHEPURA	0	0	0	0	0	0
33.	MADHUBANI	88	41	73	4	3	121
34.	MUNGER	2442	1359	1897	44	76	3376
35.	MUZAFFARPUR	950	896	904	2	1	1803
36.	NALANDA	48722	33076	29353	3606	1525	67560
37.	NAWADA	7121	4089	4580	517	188	9374
38.	PAKUR	585	437	421	11	12	881
39.	PALAMU	21436	13642	15608	1792	675	31717
40.	PATNA	10350	6655	6517	622	496	14290
41.	PURNIA	1	0	1	0	0	1
42.	RANCHI	21081	12220	15356	4972	1439	33987
43.	ROHTAS	10690	7739	7332	352	156	15579
44.	SAHEBGANJ	1217	732	686	25	16	1459
45.	SAMASTIPUR	84	30	50	0	9	89
46.	SARAN	1608	376	1502	88	83	2049
47.	SHEIKHPURA	616	354	323	64	30	771
48.	SINGHBHUM EAST	2227	1346	1259	119	141	2865
49.	SINGHBHUM WEST	3044	1911	1699	113	44	3767
50.	SITAMARHI	8	3	7	1	0	11
51.	SIWAN	10594	7586	10132	111	46	17875
52.	VAISHALI	4021	1395	1486	1508	164	4553
* State Total :		337023	202704	229971	25027	15923	473625

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : BIHAR		(in Ha.)				
Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	ARARIA	1	1	0	1	3
2.	AURANGABAD	6355	4100	157	103	10715
3.	BANKA	2712	2894	211	82	5899
4.	BEGUSARAI	4	6	1	0	11
5.	BHABUA	9087	7734	260	128	17209
6.	BHAGALPUR	2244	2720	180	99	5243
7.	BHOJPUR	2131	2023	146	64	4364
8.	BOKARO	1295	1660	260	22	3237
9.	BUXAR	2189	1623	20	17	3849
10.	CHAMPARAN EAST	6	10	0	1	17
11.	CHAMPARAN WEST	1	2	2	1	6
12.	CHATRA	1822	3623	211	98	5754
13.	DARBHANGA	21	34	6	0	61
14.	DEOGHAR	2425	3121	247	241	6034
15.	DHANBAD	506	671	123	135	1435
16.	DUMKA	5931	8001	691	618	15241
17.	GARHWA	3797	7548	291	184	11820
18.	GAYA	12280	11353	650	236	24519
19.	GIRIDIH	4147	7159	308	282	11896
20.	GODDA	2705	2543	370	270	5888
21.	GOPALGANJ	503	957	173	132	1765
22.	GUMLA	3898	6584	615	467	11564
23.	HAZARIBAG	3384	6418	453	790	11045
24.	JAMUI	1937	2331	404	318	4990
25.	JEHANABAD	3283	2909	316	261	6769
26.	KATIHAR	0	5	0	0	5
27.	KHAGARIA	12	21	0	0	33
28.	KISHANGANJ	3	4	0	0	7
29.	KODARMA	1808	5003	544	366	7721
30.	LAKHISARAI	153	348	7	64	572
31.	LOHARDAGA	1481	4557	145	262	6445
32.	MADHEPURA	0	0	0	0	0
33.	MADHUBANI	31	60	4	3	98
34.	MUNGER	1232	1279	50	64	2625
35.	MUZAFFARPUR	33	38	0	1	72
36.	NALANDA	27052	22093	2336	857	52338
37.	NAWADA	2838	2795	317	110	6060
38.	PAKUR	150	161	5	3	319
39.	PALAMU	9806	12176	1502	491	23975

40.	PATNA	5224	4622	413	358	10617
41.	PURNIA	0	1	0	0	1
42.	RANCHI	6762	11626	2743	1276	22407
43.	ROHTAS	5503	4385	179	65	10132
44.	SAHEBGANJ	509	425	18	4	956
45.	SAMASTIPUR	24	44	0	9	77
46.	SARAN	204	506	58	17	785
47.	SHEIKHPURA	264	243	55	21	583
48.	SINGHBHUM EAST	807	645	65	128	1645
49.	SINGHBHUM WEST	1039	648	54	29	1770
50.	SITAMARHI	1	3	1	0	5
51.	SIWAN	805	2000	47	20	2872
52.	VAISHALI	743	1139	1181	136	3199

* State Total :		139148	160852	15819	8834	324653

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : BIHAR

(in Ha.)

		Supplementary Irrigation in 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7

1.	ARARIA	1	1	0	1	3
2.	AURANGABAD	1134	813	36	22	2005
3.	BANKA	266	157	10	4	437
4.	BEGUSARAI	0	1	0	0	1
5.	BHABUA	1179	969	54	14	2216
6.	BHAGALPUR	6	6	0	0	12
7.	BHOJPUR	626	603	58	15	1302
8.	BOKARO	1	14	0	0	15
9.	BUXAR	650	536	6	0	1192
10.	CHAMPARAN EAST	0	0	0	0	0
11.	CHAMPARAN WEST	0	0	0	0	0
12.	CHATRA	48	41	2	0	91
13.	DARBHANGA	0	0	0	0	0
14.	DEOGHAR	113	97	13	0	223
15.	DHANBAD	8	5	1	6	20
16.	DUMKA	108	169	11	10	298
17.	GARHWA	119	155	10	0	284
18.	GAYA	729	533	7	10	1279

19.	GIRIDIH	17	238	4	0	259
20.	GODDA	211	140	16	2	369
21.	GOPALGANJ	0	1	0	0	1
22.	GUMLA	10	6584	16	28	6638
23.	HAZARIBAG	25	64	10	10	109
24.	JAMUI	614	725	259	199	1797
25.	JEHANABAD	244	124	46	45	459
26.	KATIHAR	0	0	0	0	0
27.	KHAGARIA	0	0	0	0	0
28.	KISHANGANJ	0	0	0	0	0
29.	KODARMA	14	15	1	1	31
30.	LAKHISARAI	8	16	0	5	29
31.	LOHARDAGA	1	22	0	0	23
32.	MADHEPURA	0	0	0	0	0
33.	MADHUBANI	2	4	0	2	8
34.	MUNGER	83	111	0	1	195
35.	MUZAFFARPUR	0	0	0	0	0
36.	NALANDA	492	207	45	0	744
37.	NAWADA	199	72	11	2	284
38.	PAKUR	1	4	0	0	5
39.	PALAMU	301	462	17	21	801
40.	PATNA	337	242	38	29	646
41.	PURNIA	0	0	0	0	0
42.	RANCHI	99	58	15	12	184
43.	ROHTAS	1411	1287	36	39	2773
44.	SAHEBGANJ	2	2	6	0	10
45.	SAMASTIPUR	0	0	0	0	0
46.	SARAN	10	28	0	0	38
47.	SHEIKHPURA	8	0	0	0	8
48.	SINGHBHUM EAST	1	17	0	0	18
49.	SINGHBHUM WEST	29	24	0	0	53
50.	SITAMARHI	0	0	0	0	0
51.	SIWAN	9	34	0	0	43
52.	VAISHALI	0	0	0	0	0

* State Total : 9116 14581 728 478 24903

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : BIHAR

(in Nos.)

		No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created					Grand Total
Sl. No.	Name of District			Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	(4 + 9)

1	2	3	4	5	6	7	8	9	10
1.	ARARIA	1	0	0	0	0	1	1	1
2.	AURANGABAD	7855	17	551	291	2897	4099	7838	7855
3.	BANKA	6631	0	115	254	2055	4207	6631	6631
4.	BEGUSARAI	25	0	0	0	16	9	25	25
5.	BHABUA	6814	3	815	464	1667	3865	6811	6814
6.	BHAGALPUR	3984	6	39	104	1547	2288	3978	3984
7.	BHOJPUR	2323	3	93	187	244	1796	2320	2323
8.	BOKARO	7773	13	258	57	6015	1430	7760	7773
9.	BUXAR	1243	0	70	343	61	769	1243	1243
10.	CHAMPARAN EAST	16	0	0	0	10	6	16	16
11.	CHAMPARAN WEST	12	0	5	0	3	4	12	12
12.	CHATRA	12047	7	105	64	4971	6900	12040	12047
13.	DARBHANGA	15	1	0	11	0	3	14	15
14.	DEOGHAR	8130	11	313	215	3819	3772	8119	8130
15.	DHANBAD	2387	3	46	41	1072	1225	2384	2387
16.	DUMKA	27311	874	1744	278	11793	12622	26437	27311
17.	GARHWA	12854	87	276	243	7545	4703	12767	12854
18.	GAYA	17365	21	3333	623	3595	9793	17344	17365
19.	GIRIDIH	21268	2	251	268	7088	13659	21266	21268
20.	GODDA	6537	0	69	66	3151	3251	6537	6537
21.	GOPALGANJ	1104	0	25	45	296	738	1104	1104
22.	GUMLA	29973	1	1319	728	14226	13699	29972	29973
23.	HAZARIBAG	30937	1	370	93	14852	15621	30936	30937
24.	JAMUI	5594	0	537	195	2317	2545	5594	5594
25.	JEHANABAD	3091	12	333	490	1001	1255	3079	3091
26.	KATIHAR	2	0	0	0	0	2	2	2
27.	KHAGARIA	6	0	0	1	0	5	6	6
28.	KISHANGANJ	1	0	1	0	0	0	1	1
29.	KODARMA	9339	18	1622	393	6435	871	9321	9339
30.	LAKHISARAI	523	2	1	1	114	405	521	523
31.	LOHARDAGA	15229	18	296	45	6387	8483	15211	15229
32.	MADHEPURA	0	0	0	0	0	0	0	0
33.	MADHUBANI	44	0	2	10	11	21	44	44
34.	MUNGER	2040	404	40	20	977	599	1636	2040
35.	MUZAFFARPUR	876	0	8	14	5	849	876	876
36.	NALANDA	20924	7	3003	4127	5279	8508	20917	20924
37.	NAWADA	4679	3	242	207	2212	2015	4676	4679
38.	PAKUR	745	1	23	20	440	261	744	745
39.	PALAMU	21215	0	3207	347	10745	6916	21215	21215
40.	PATNA	5976	4	413	445	385	4729	5972	5976
41.	PURNIA	3	0	0	0	0	3	3	3
42.	RANCHI	37924	1329	981	320	25570	9724	36595	37924
43.	ROHTAS	6562	32	655	309	1862	3704	6530	6562
44.	SAHEBGANJ	1749	3	23	3	744	976	1746	1749
45.	SAMASTIPUR	17	0	0	0	0	17	17	17
46.	SARAN	938	5	38	14	188	693	933	938
47.	SHEIKHPURA	474	1	0	13	263	197	473	474
48.	SINGHBHUM EAST	1680	0	134	67	917	562	1680	1680

49.	SINGHBHUM WEST	3527	2	43	40	2569	873	3525	3527
50.	SITAMARHI	8	0	0	0	5	3	8	8
51.	SIWAN	3491	1	65	49	791	2585	3490	3491
52.	VAISHALI	1420	0	271	329	96	724	1420	1420

* State Total :	354682	2892	21735	11834	156236	161985	351790	354682
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* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : GOA

(in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	NORTH GOA	1873	141	195	154	146	117	126	101	2853
2.	SOUTH GOA	685	59	57	52	72	63	73	61	1122
State Total :		2558	200	252	206	218	180	199	162	3975

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : GOA

(in Nos.)

Dugwells Owned by								
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	NORTH GOA	40	16	0	102	2691	4	2853
2.	SOUTH GOA	9	6	0	7	1091	9	1122
State Total :		49	22	0	109	3782	13	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : GOA		(in Nos.)				
		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	NORTH GOA	2055	345	317	76	2793
2.	SOUTH GOA	754	162	170	12	1098
State Total :		2809	507	487	88	3891

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : GOA		(in Nos.)					
Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	NORTH GOA	17	3	2773	2793	60	2853
2.	SOUTH GOA	0	1	1097	1098	24	1122
State Total :		17	4	3870	3891	84	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : GOA		(in Nos.)
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Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	NORTH GOA	2003	838	11	1	2853
2.	SOUTH GOA	770	350	0	2	1122
State Total :		2773	1188	11	3	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : GOA		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Temporary	Dugwells Not in Use		Others	Total	Grand	
				Abandoned (Salinity)	Dried up Destroyed		(4 to 8)	Total	(3 + 9)
1	2	3	4	5	6	7	8	9	10
1.	NORTH GOA	2807	23	10	1	3	9	46	2853
2.	SOUTH GOA	1081	36	1	0	1	3	41	1122
State Total :		3888	59	11	1	4	12	87	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : GOA		(in Nos.)					
Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	NORTH GOA	1728	222	582	187	94	2813
2.	SOUTH GOA	715	172	181	31	14	1113
State Total :		2443	394	763	218	108	3926

DUGWELLS (COMPLETED) SCHEDULE A-1

State : GOA (in Nos.)

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

State : GOA (in Nos.)

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

State : GOA (in Nos.)

		According to horse power of lifting devices							
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	NORTH GOA	957	457	264	14	13	13	1135	2853
2.	SOUTH GOA	378	310	239	24	36	16	119	1122
State Total :		1335	767	503	38	49	29	1254	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : GOA		(in Nos.)									
		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	NORTH GOA	74	2779	2853	2607	240	5	0	0	1	2853
2.	SOUTH GOA	129	993	1122	907	205	10	0	0	0	1122
State Total :		203	3772	3975	3514	445	15	0	0	1	3975

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : GOA		(in Mts.)			
		Total Number of Schemes	Average length of channels		
Sl. No.	Name of District		Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	NORTH GOA	2853	16	63	31
2.	SOUTH GOA	1122	30	73	53

Table 1.13 Culturable Command Area and Potential Created

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	NORTH GOA	2454	2	854	1196	456	2508
2.	SOUTH GOA	1323	11	145	1044	129	1329
State Total :		3777	13	999	2240	585	3837

Table 1.14 Irrigation Potential Utilised

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	NORTH GOA	1	794	1095	292	2182
2.	SOUTH GOA	8	141	991	116	1256
State Total :		9	935	2086	408	3438

Table 1.15 Irrigation through supplementary sources

Supplementary Irrigation in 1993-94

Sl. No.	Name of District	-----	-----	-----	-----	-----
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	NORTH GOA	0	24	106	0	130
2.	SOUTH GOA	0	0	64	12	76
State Total :		0	24	170	12	206

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : GOA (in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	NORTH GOA	2807	0	91	12	298	2406	2807	2807
2.	SOUTH GOA	1081	0	47	8	44	982	1081	1081
State Total :		3888	0	138	20	342	3388	3888	3888

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : HARYANA (in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	AMBALA	932	164	230	219	96	44	29	17	1731
2.	BHIWANI	2734	368	463	271	174	148	164	190	4512
3.	GURGAON	1584	358	371	1112	352	144	88	97	4106

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : HARYANA

(in Nos.)

		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	AMBALA	197	514	954	20	1685
2.	BHIWANI	494	1129	2649	212	4484
3.	GURGAON	308	1217	2128	307	3960
4.	HISAR	1	48	90	14	153
5.	KAITHAL	57	712	3903	105	4777
6.	KARNAL	94	303	1592	112	2101
7.	MEHANDERGARH	29	365	1668	188	2250
8.	PANCHKULA	5	18	23	0	46
9.	PANIPAT	35	82	296	25	438
10.	RIWARI	130	282	849	79	1340
11.	ROHTAK	195	457	765	60	1477
12.	SIRSA	49	346	1324	199	1918
13.	SONIPAT	17	31	65	10	123
14.	YAMUNA NAGAR	143	322	711	76	1252
* State Total :		1754	5826	17017	1407	26004

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : HARYANA

(in Nos.)

		According to Social Status of farmers				Owned by	Grand
						other than	Total
Sl.	Name of District	Schedule	Schedule	Others	Total	ind./group	

No.		Caste	Tribe	(3+4+5)	of farmers	(6 + 7)	
1	2	3	4	5	6	7	8
1.	AMBALA	99	20	1566	1685	46	1731
2.	BHIWANI	199	147	4138	4484	28	4512
3.	GURGAON	88	266	3606	3960	146	4106
4.	HISAR	6	36	111	153	2	155
5.	KAITHAL	24	68	4685	4777	15	4792
6.	KARNAL	15	6	2080	2101	10	2111
7.	MEHANDERGARH	9	0	2241	2250	97	2347
8.	PANCHKULA	0	0	46	46	0	46
9.	PANIPAT	0	21	417	438	5	443
10.	RIWARI	12	7	1321	1340	42	1382
11.	ROHTAK	11	31	1435	1477	29	1506
12.	SIRSA	55	16	1847	1918	12	1930
13.	SONIPAT	2	0	121	123	1	124
14.	YAMUNA NAGAR	41	18	1193	1252	3	1255
* State Total :		561	636	24807	26004	436	26440
* Data in respect of the remaining 3 Districts are NIL.							

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : HARYANA

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	AMBALA	1679	3	42	7	1731
2.	BHIWANI	3041	603	840	28	4512
3.	GURGAON	3776	6	160	164	4106
4.	HISAR	147	6	0	2	155
5.	KAITHAL	4538	133	105	16	4792
6.	KARNAL	2071	27	2	11	2111
7.	MEHANDERGARH	1135	0	1122	90	2347
8.	PANCHKULA	46	0	0	0	46
9.	PANIPAT	405	0	38	0	443
10.	RIWARI	1340	8	34	0	1382
11.	ROHTAK	1402	42	62	0	1506

12.	SIRSA	1758	146	3	23	1930
13.	SONIPAT	96	0	26	2	124
14.	YAMUNA NAGAR	1153	94	4	4	1255

* State Total :	22587	1068	2438	347	26440
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* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : HARYANA

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use					Total (4 to 8)	Grand Total (3 + 9)
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others		
1	2	3	4	5	6	7	8	9	10
1.	AMBALA	1731	0	0	0	0	0	0	1731
2.	BHIWANI	4425	0	0	0	0	87	87	4512
3.	GURGAON	4082	0	0	0	0	24	24	4106
4.	HISAR	155	0	0	0	0	0	0	155
5.	KAITHAL	4782	0	0	0	0	10	10	4792
6.	KARNAL	2108	0	0	0	0	3	3	2111
7.	MEHANDERGARH	2339	0	0	0	0	8	8	2347
8.	PANCHKULA	46	0	0	0	0	0	0	46
9.	PANIPAT	443	0	0	0	0	0	0	443
10.	RIWARI	1381	0	0	0	0	1	1	1382
11.	ROHTAK	1468	0	0	0	0	38	38	1506
12.	SIRSA	1918	0	0	0	0	12	12	1930
13.	SONIPAT	124	0	0	0	0	0	0	124
14.	YAMUNA NAGAR	1250	0	0	0	0	5	5	1255
* State Total :		26252	0	0	0	0	188	188	26440

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : HARYANA

(in Nos.)

Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	AMBALA	62	1392	268	2	7	1731
2.	BHIWANI	3333	961	163	27	16	4500
3.	GURGAON	623	2682	572	70	149	4096
4.	HISAR	0	119	34	0	2	155
5.	KAITHAL	520	3690	545	19	14	4788
6.	KARNAL	1063	1010	23	5	7	2108
7.	MEHANDERGARH	921	1271	64	0	34	2290
8.	PANCHKULA	0	20	23	3	0	46
9.	PANIPAT	58	360	20	0	5	443
10.	RIWARI	487	843	51	0	0	1381
11.	ROHTAK	282	1058	130	7	29	1506
12.	SIRSA	486	1211	203	17	7	1924
13.	SONIPAT	60	54	9	0	1	124
14.	YAMUNA NAGAR	328	729	176	19	1	1253
* State Total :		8223	15400	2281	169	272	26345

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)**DUGWELLS (COMPLETED) SCHEDULE A-1**

Table 1.8 Dugwells according to water distribution system

State : HARYANA

(in Nos.)

Sl. No.	Name of District	According to Water Distribution System					Total (3 to 7)
		Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	
1	2	3	4	5	6	7	8

1.	AMBALA	92	11	1625	0	3	1731
2.	BHIWANI	3081	89	1335	2	5	4512
3.	GURGAON	25	234	3299	269	279	4106
4.	HISAR	0	19	130	0	6	155
5.	KAITHAL	44	21	1992	2553	182	4792
6.	KARNAL	2	9	2100	0	0	2111
7.	MEHANDERGARH	1903	327	116	1	0	2347
8.	PANCHKULA	0	0	46	0	0	46
9.	PANIPAT	1	3	439	0	0	443
10.	RIWARI	718	36	555	24	49	1382
11.	ROHTAK	187	2	1253	54	10	1506
12.	SIRSA	99	6	1721	6	98	1930
13.	SONIPAT	0	0	124	0	0	124
14.	YAMUNA NAGAR	6	5	1243	1	0	1255

* State Total :		6158	762	15978	2910	632	26440

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : HARYANA

(in Nos.)

According to Water Lifting Devices for Dugwells								

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)

1	2	3	4	5	6	7	8	9

1.	AMBALA	1393	330	2	6	0	0	1731
2.	BHIWANI	2849	1649	3	0	5	6	4512
3.	GURGAON	2581	1470	28	16	8	3	4106
4.	HISAR	136	19	0	0	0	0	155
5.	KAITHAL	4441	254	63	0	31	3	4792
6.	KARNAL	2101	5	0	0	5	0	2111
7.	MEHANDERGARH	2289	55	0	0	3	0	2347
8.	PANCHKULA	37	8	0	0	1	0	46
9.	PANIPAT	420	23	0	0	0	0	443
10.	RIWARI	1313	62	0	1	6	0	1382
11.	ROHTAK	265	1234	5	2	0	0	1506
12.	SIRSA	802	1049	3	0	0	76	1930
13.	SONIPAT	92	31	1	0	0	0	124

14.	YAMUNA NAGAR	978	259	11	1	5	1	1255
* State Total :		19697	6448	116	26	64	89	26440

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : HARYANA

(in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	AMBALA	9	12	807	472	166	265	0	1731
2.	BHIWANI	13	13	386	1266	2560	269	5	4512
3.	GURGAON	283	94	1644	1675	354	48	8	4106
4.	HISAR	0	0	1	44	108	2	0	155
5.	KAITHAL	3	0	1449	3053	229	27	31	4792
6.	KARNAL	1	0	1147	880	70	8	5	2111
7.	MEHANDERGARH	37	0	377	1699	212	19	3	2347
8.	PANCHKULA	0	0	37	5	3	0	1	46
9.	PANIPAT	1	23	261	125	30	3	0	443
10.	RIWARI	5	2	882	441	45	1	6	1382
11.	ROHTAK	14	7	135	1178	167	5	0	1506
12.	SIRSA	48	1	18	783	427	653	0	1930
13.	SONIPAT	0	0	20	32	72	0	0	124
14.	YAMUNA NAGAR	31	115	420	391	245	48	5	1255
* State Total :		445	267	7584	12044	4688	1348	64	26440

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : HARYANA

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	AMBALA	233	1498	1731	367	982	380	2	0	0	1731
2.	BHIWANI	1014	3498	4512	607	3533	347	25	0	0	4512
3.	GURGAON	552	3554	4106	546	3140	407	11	2	0	4106
4.	HISAR	20	135	155	8	121	26	0	0	0	155
5.	KAITHAL	1940	2852	4792	231	4135	390	30	5	1	4792
6.	KARNAL	374	1737	2111	390	341	1373	4	3	0	2111
7.	MEHANDERGARH	13	2334	2347	118	2178	51	0	0	0	2347
8.	PANCHKULA	0	46	46	5	41	0	0	0	0	46
9.	PANIPAT	2	441	443	34	406	3	0	0	0	443
10.	RIWARI	64	1318	1382	129	843	374	35	1	0	1382
11.	ROHTAK	539	967	1506	311	766	382	36	11	0	1506
12.	SIRSA	1413	517	1930	616	1141	158	14	1	0	1930
13.	SONIPAT	33	91	124	14	58	48	4	0	0	124
14.	YAMUNA NAGAR	112	1143	1255	126	1054	74	1	0	0	1255
* State Total :		6309	20131	26440	3502	18739	4013	162	23	1	26440

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1

MTable 1.12 Average length of Water Conveyance Channel

State : HARYANA

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6

1.	AMBALA	1731	7	185	0
2.	BHIWANI	4512	35	14	14
3.	GURGAON	4106	3	180	16
4.	HISAR	155	1	202	2
5.	KAITHAL	4792	10	117	4
6.	KARNAL	2111	54	169	1
7.	MEHANDERGARH	2347	79	5	8
8.	PANCHKULA	46	4	8	24
9.	PANIPAT	443	66	79	0
10.	RIWARI	1382	129	61	21
11.	ROHTAK	1506	2	76	9
12.	SIRSA	1930	13	173	5
13.	SONIPAT	124	0	358	3
14.	YAMUNA NAGAR	1255	8	148	3

* State Average:		26440	31	126	9

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : HARYANA

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	AMBALA	2768	2768	2768	0	0	5536
2.	BHIWANI	10505	10505	10505	0	0	21010
3.	GURGAON	11330	11330	11330	0	0	22660
4.	HISAR	600	600	600	0	0	1200
5.	KAITHAL	9049	9049	9049	0	0	18098
6.	KARNAL	5650	5650	5650	0	0	11300
7.	MEHANDERGARH	5096	5096	5096	0	0	10192
8.	PANCHKULA	63	63	63	0	0	126
9.	PANIPAT	1592	1592	1592	0	0	3184
10.	RIWARI	3518	3518	3518	0	0	7036
11.	ROHTAK	2872	2869	2872	0	0	5741
12.	SIRSA	4680	4680	4680	0	0	9360

13.	SONIPAT	183	183	183	0	0	366
14.	YAMUNA NAGAR	2545	2545	2545	0	0	5090

* State Total :		60451	60448	60451	0	0	120899

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : HARYANA

(in Ha.)

		Actual Area Irrigated during 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	AMBALA	2768	2768	0	0	5536
2.	BHIWANI	10505	10505	0	0	21010
3.	GURGAON	11330	11330	0	0	22660
4.	HISAR	600	600	0	0	1200
5.	KAITHAL	9049	9049	0	0	18098
6.	KARNAL	5650	5650	0	0	11300
7.	MEHANDERGARH	5096	5096	0	0	10192
8.	PANCHKULA	63	63	0	0	126
9.	PANIPAT	1592	1592	0	0	3184
10.	RIWARI	3518	3518	0	0	7036
11.	ROHTAK	2869	2872	0	0	5741
12.	SIRSA	4680	4680	0	0	9360
13.	SONIPAT	183	183	0	0	366
14.	YAMUNA NAGAR	2545	2545	0	0	5090

* State Total :		60448	60451	0	0	120899

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : HARYANA

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	AMBALA	14	14	0	0	28
2.	BHIWANI	718	1726	0	0	2444
3.	GURGAON	10	521	0	0	531
4.	HISAR	40	37	0	0	77
5.	KAITHAL	2290	2361	0	0	4651
6.	KARNAL	1535	1535	0	0	3070
7.	MEHANDERGARH	0	0	0	0	0
8.	PANCHKULA	0	0	0	0	0
9.	PANIPAT	10	10	0	0	20
10.	RIWARI	2	97	0	0	99
11.	ROHTAK	1009	1009	0	0	2018
12.	SIRSA	3178	3178	0	0	6356
13.	SONIPAT	40	40	0	0	80
14.	YAMUNA NAGAR	278	278	0	0	556
* State Total :		9124	10806	0	0	19930

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : HARYANA

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total (4 + 9)
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	AMBALA	1731	0	622	32	32	1045	1731	1731

2.	BHIWANI	4425	0	724	36	266	3399	4425	4425
3.	GURGAON	4082	0	1451	125	213	2293	4082	4082
4.	HISAR	155	0	8	44	0	103	155	155
5.	KAITHAL	4782	0	1198	20	0	3564	4782	4782
6.	KARNAL	2108	0	295	1	0	1812	2108	2108
7.	MEHANDERGARH	2339	0	411	1	109	1818	2339	2339
8.	PANCHKULA	46	0	1	0	0	45	46	46
9.	PANIPAT	443	0	71	13	18	341	443	443
10.	RIWARI	1381	0	193	0	0	1188	1381	1381
11.	ROHTAK	1468	0	151	59	127	1131	1468	1468
12.	SIRSA	1918	0	227	161	91	1439	1918	1918
13.	SONIPAT	124	0	0	0	0	124	124	124
14.	YAMUNA NAGAR	1250	0	361	15	0	874	1250	1250

* State Total :		26252	0	5713	507	856	19176	26252	26252

* Data in respect of the remaining 3 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : HIMACHAL PRADESH

(in Nos.)

Construction of Dugwells over the years										

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)

1	2	3	4	5	6	7	8	9	10	11

1.	Bilaspur	40	2	0	0	1	0	2	0	45
2.	Hamirpur	98	4	1	7	4	5	3	0	122
3.	Kangra	189	3	11	4	13	30	8	39	297
4.	Kullu	2	0	0	0	0	4	3	4	13
5.	Mandi	12	2	0	1	2	2	4	2	25
6.	Sirmaur	108	5	6	5	9	10	11	14	168
7.	Solan	482	49	23	6	17	8	3	8	596
8.	Una	393	9	11	16	6	11	2	8	456

* State Total :		1324	74	52	39	52	70	36	75	1722

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : HIMACHAL PRADESH		(in Nos.)						
		Dugwells Owned by						
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	Bilaspur	1	1	0	20	23	0	45
2.	Hamirpur	4	0	0	40	78	0	122
3.	Kangra	1	0	0	33	261	2	297
4.	Kullu	1	0	0	3	9	0	13
5.	Mandi	24	0	0	0	1	0	25
6.	Sirmaur	4	1	0	16	147	0	168
7.	Solan	19	0	0	141	436	0	596
8.	Una	116	1	0	23	316	0	456
* State Total :		170	3	0	276	1271	2	1722

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : HIMACHAL PRADESH		(in Nos.)				
		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	Bilaspur	7	8	7	21	43
2.	Hamirpur	27	23	26	42	118
3.	Kangra	86	67	82	59	294
4.	Kullu	9	0	0	3	12
5.	Mandi	0	1	0	0	1
6.	Sirmaur	20	37	74	32	163
7.	Solan	101	146	147	183	577
8.	Una	169	65	71	34	339
* State Total :		419	347	407	374	1547

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : HIMACHAL PRADESH

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	Bilaspur	5	0	38	43	2	45
2.	Hamirpur	2	0	116	118	4	122
3.	Kangra	14	0	280	294	3	297
4.	Kullu	6	0	6	12	1	13
5.	Mandi	0	0	1	1	24	25
6.	Sirmaur	22	8	133	163	5	168
7.	Solan	58	5	514	577	19	596
8.	Una	14	2	323	339	117	456
* State Total :		121	15	1411	1547	175	1722

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : HIMACHAL PRADESH

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	Bilaspur	36	8	0	1	45
2.	Hamirpur	68	52	2	0	122
3.	Kangra	107	186	2	2	297
4.	Kullu	1	12	0	0	13
5.	Mandi	25	0	0	0	25

* Data in respect of the remaining 4 Districts are NIL.

* Data in respect of the remaining 4 Districts are NIL.

State : HIMACHAL PRADESH (in Nos.)

According to Water Lifting Devices for Dugwells

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	Bilaspur	29	5	0	0	10	1	45
2.	Hamirpur	46	5	1	0	70	0	122
3.	Kangra	92	80	0	1	122	2	297
4.	Kullu	13	0	0	0	0	0	13
5.	Mandi	18	7	0	0	0	0	25
6.	Sirmaur	151	16	0	0	0	1	168
7.	Solan	423	158	1	0	14	0	596
8.	Una	314	53	0	0	89	0	456
* State Total :		1086	324	2	1	305	4	1722

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : HIMACHAL PRADESH

(in Nos.)

		According to horse power of lifting devices								
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)	
1	2	3	4	5	6	7	8	9	10	
1.	Bilaspur	2	0	13	12	1	7	10	45	
2.	Hamirpur	0	7	18	6	20	1	70	122	
3.	Kangra	9	4	33	86	39	4	122	297	
4.	Kullu	0	0	11	0	2	0	0	13	
5.	Mandi	2	9	7	4	2	1	0	25	
6.	Sirmaur	12	2	34	84	32	4	0	168	
7.	Solan	52	41	395	65	24	5	14	596	
8.	Una	15	34	168	91	16	43	89	456	
* State Total :		92	97	679	348	136	65	305	1722	

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : HIMACHAL PRADESH (in Nos.)											
Sl. No.		Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	Bilaspur	1	44	45	26	16	1	1	1	0	45
2.	Hamirpur	8	114	122	110	10	2	0	0	0	122
3.	Kangra	5	292	297	250	28	18	0	0	1	297
4.	Kullu	1	12	13	10	3	0	0	0	0	13
5.	Mandi	0	25	25	12	12	1	0	0	0	25
6.	Sirmaur	8	160	168	25	116	27	0	0	0	168
7.	Solan	0	596	596	277	253	56	6	3	1	596
8.	Una	4	452	456	234	178	28	7	6	3	456
* State Total :		27	1695	1722	944	616	133	14	10	5	1722
* Data in respect of the remaining 4 Districts are NIL.											

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : HIMACHAL PRADESH (in Mts.)					
Sl. No.		Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	Bilaspur	45	15	43	111
2.	Hamirpur	122	16	75	0
3.	Kangra	297	22	55	5
4.	Kullu	13	0	43	0
5.	Mandi	25	11	52	6
6.	Sirmaur	168	9	108	37
7.	Solan	596	4	82	2
8.	Una	456	6	157	2
* State Average:		1722	11	76	27

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : HIMACHAL PRADESH		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	Bilaspur	75	75	75	0	0	150
2.	Hamirpur	62	38	55	0	0	93
3.	Kangra	913	780	619	19	0	1418
4.	Kullu	8	8	7	0	0	15
5.	Mandi	15	11	11	0	6	28
6.	Sirmaur	499	444	438	9	0	891
7.	Solan	999	815	1027	60	17	1919
8.	Una	519	210	494	3	9	716
* State Total :		3090	2381	2726	91	32	5230

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : HIMACHAL PRADESH		(in Ha.)				
Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	Bilaspur	75	75	0	0	150
2.	Hamirpur	31	42	0	0	73
3.	Kangra	773	612	19	0	1404
4.	Kullu	7	6	0	0	13
5.	Mandi	7	7	0	2	16
6.	Sirmaur	398	392	10	0	800
7.	Solan	542	916	16	15	1489
8.	Una	160	415	2	5	582

* State Total : 1993 2465 47 22 4527

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : HIMACHAL PRADESH		(in Ha.)				
		Supplementary Irrigation in 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	Bilaspur	0	0	0	0	0
2.	Hamirpur	0	0	0	0	0
3.	Kangra	0	0	0	0	0
4.	Kullu	0	0	0	0	0
5.	Mandi	0	0	0	0	0
6.	Sirmaur	0	0	0	0	0
7.	Solan	0	0	0	0	0
8.	Una	0	0	0	0	0
* State Total :		0	0	0	0	0
* Data in respect of the remaining 4 Districts are NIL.						

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : HIMACHAL PRADESH		(in Nos.)							
		No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total
Sl. No.	Name of District			Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	(4 + 9)
1	2	3	4	5	6	7	8	9	10
1.	Bilaspur	45	45	0	0	0	0	0	45
2.	Hamirpur	122	97	0	0	0	25	25	122
3.	Kangra	293	253	6	10	10	14	40	293
4.	Kullu	12	2	0	0	0	10	10	12
5.	Mandi	20	8	0	0	0	12	12	20
6.	Sirmaur	166	135	6	0	1	24	31	166

7. Solan	590	314	2	0	1	273	276	590
8. Una	455	234	27	1	59	134	221	455
* State Total :	1703	1088	41	11	71	492	615	1703

* Data in respect of the remaining 4 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : JAMMU & KASHMIR

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	Baramulla	183	0	0	0	0	0	0	0	183
2.	Budgam	97	0	0	0	0	0	0	0	97
3.	Jammu	55	18	6	8	10	4	0	0	101
4.	Kathua	245	15	8	7	0	0	0	0	275
5.	Pulwama	68	0	0	0	0	0	0	0	68
6.	Rajouri	0	5	0	0	0	0	0	0	5
7.	Srinagar	687	0	0	0	0	0	0	0	687
8.	Udhampur	1	8	0	0	0	0	0	0	9
* State Total :		1336	46	14	15	10	4	0	0	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : JAMMU & KASHMIR

(in Nos.)

Dugwells Owned by

Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9

1.	Baramulla	70	20	10	83	0	0	183
2.	Budgam	80	0	0	17	0	0	97
3.	Jammu	32	8	0	57	4	0	101
4.	Kathua	10	41	0	175	49	0	275
5.	Pulwama	50	0	8	10	0	0	68
6.	Rajouri	1	0	0	1	2	1	5
7.	Srinagar	407	40	0	200	20	20	687
8.	Udhampur	2	0	0	0	4	3	9
* State Total :		652	109	18	543	79	24	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : JAMMU & KASHMIR (in Nos.)

		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	Baramulla	0	0	150	33	183
2.	Budgam	0	0	80	17	97
3.	Jammu	38	39	20	4	101
4.	Kathua	83	52	0	140	275
5.	Pulwama	0	0	40	28	68
6.	Rajouri	3	2	0	0	5
7.	Srinagar	551	86	45	5	687
8.	Udhampur	4	0	3	2	9
* State Total :		679	179	338	229	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : JAMMU & KASHMIR (in Nos.)

According to Social Status of farmers	Owned by other than	Grand Total
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Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)	ind./group of farmers	(6 + 7)
1	2	3	4	5	6	7	8
1.	Baramulla	0	0	83	83	100	183
2.	Budgam	0	0	17	17	80	97
3.	Jammu	15	0	46	61	40	101
4.	Kathua	42	0	182	224	51	275
5.	Pulwama	0	0	10	10	58	68
6.	Rajouri	0	0	3	3	2	5
7.	Srinagar	0	0	220	220	467	687
8.	Udhampur	2	0	2	4	5	9
* State Total :		59	0	563	622	803	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : JAMMU & KASHMIR

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	Baramulla	57	126	0	0	183
2.	Budgam	97	0	0	0	97
3.	Jammu	64	25	8	4	101
4.	Kathua	195	40	40	0	275
5.	Pulwama	68	0	0	0	68
6.	Rajouri	4	1	0	0	5
7.	Srinagar	52	635	0	0	687
8.	Udhampur	5	4	0	0	9
* State Total :		542	831	48	4	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : JAMMU & KASHMIR		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others	Total (4 to 8)	Grand Total (3 + 9)
1	2	3	4	5	6	7	8	9	10
1.	Baramulla	183	0	0	0	0	0	0	183
2.	Budgam	97	0	0	0	0	0	0	97
3.	Jammu	101	0	0	0	0	0	0	101
4.	Kathua	275	0	0	0	0	0	0	275
5.	Pulwama	68	0	0	0	0	0	0	68
6.	Rajouri	5	0	0	0	0	0	0	5
7.	Srinagar	665	22	0	0	0	0	22	687
8.	Udhampur	9	0	0	0	0	0	0	9
* State Total :		1403	22	0	0	0	0	22	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)**DUGWELLS (COMPLETED) SCHEDULE A-1****Table 1.7 Distribution of Dugwells according to Finance source**

State : JAMMU & KASHMIR		(in Nos.)					
		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	Baramulla	130	20	25	8	0	183
2.	Budgam	50	20	20	7	0	97
3.	Jammu	77	11	7	5	1	101
4.	Kathua	218	30	16	8	3	275
5.	Pulwama	60	8	0	0	0	68
6.	Rajouri	3	0	1	0	1	5
7.	Srinagar	400	180	70	37	0	687
8.	Udhampur	4	0	0	0	5	9
* State Total :		942	269	139	65	10	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : JAMMU & KASHMIR

(in Nos.)

According to Water Distribution System							

Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)

1	2	3	4	5	6	7	8

1.	Baramulla	0	0	0	0	183	183
2.	Budgam	0	0	0	0	97	97
3.	Jammu	0	0	58	11	32	101
4.	Kathua	0	0	255	0	20	275
5.	Pulwama	0	0	0	0	68	68
6.	Rajouri	0	0	2	0	3	5
7.	Srinagar	0	0	0	0	687	687
8.	Udhampur	0	0	7	0	2	9

* State Total :		0	0	322	11	1092	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : JAMMU & KASHMIR

(in Nos.)

According to Water Lifting Devices for Dugwells								

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)

1	2	3	4	5	6	7	8	9

1.	Baramulla	0	9	0	0	170	4	183
2.	Budgam	0	0	0	0	97	0	97
3.	Jammu	42	48	0	0	11	0	101
4.	Kathua	237	27	0	0	11	0	275
5.	Pulwama	0	0	0	0	68	0	68
6.	Rajouri	2	3	0	0	0	0	5
7.	Srinagar	0	0	0	0	687	0	687

8. Udhampur	2	0	0	0	2	5	9
* State Total :	283	87	0	0	1046	9	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : JAMMU & KASHMIR		(in Nos.)							
		According to horse power of lifting devices							
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	Baramulla	0	35	100	13	0	35	0	183
2.	Budgam	0	0	30	27	0	40	0	97
3.	Jammu	2	0	39	0	0	60	0	101
4.	Kathua	0	30	115	0	0	130	0	275
5.	Pulwama	0	0	20	18	0	30	0	68
6.	Rajouri	0	3	0	0	0	2	0	5
7.	Srinagar	30	0	70	267	0	300	20	687
8.	Udhampur	0	7	0	0	0	2	0	9
* State Total :		32	75	374	325	0	599	20	1425

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hoursM

State : JAMMU & KASHMIR		(in Nos.)									
		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	Baramulla	15	168	183	178	5	0	0	0	0	183
2.	Budgam	12	85	97	32	65	0	0	0	0	97

* State Total :	786	665	612	0	0	1277
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MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.14 Irrigation Potential Utilised

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	Baramulla	61	3	0	0	64
2.	Budgam	13	0	0	0	13
3.	Jammu	106	106	0	0	212
4.	Kathua	318	318	0	0	636
5.	Pulwama	7	26	0	0	33
6.	Rajouri	5	5	0	0	10
7.	Srinagar	69	69	0	0	138
8.	Udhampur	6	6	0	0	12
* State Total :		585	533	0	0	1118

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.15 Irrigation through supplementary sources

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	Alwar	100	100	100	100	400
2	Bikaner	100	100	100	100	400
3	Bhilai	100	100	100	100	400
4	Bhilai	100	100	100	100	400
5	Bhilai	100	100	100	100	400
6	Bhilai	100	100	100	100	400
7	Bhilai	100	100	100	100	400
8	Bhilai	100	100	100	100	400
9	Bhilai	100	100	100	100	400
10	Bhilai	100	100	100	100	400
11	Bhilai	100	100	100	100	400
12	Bhilai	100	100	100	100	400
13	Bhilai	100	100	100	100	400
14	Bhilai	100	100	100	100	400
15	Bhilai	100	100	100	100	400
16	Bhilai	100	100	100	100	400
17	Bhilai	100	100	100	100	400
18	Bhilai	100	100	100	100	400
19	Bhilai	100	100	100	100	400
20	Bhilai	100	100	100	100	400
21	Bhilai	100	100	100	100	400
22	Bhilai	100	100	100	100	400
23	Bhilai	100	100	100	100	400
24	Bhilai	100	100	100	100	400
25	Bhilai	100	100	100	100	400
26	Bhilai	100	100	100	100	400
27	Bhilai	100	100	100	100	400
28	Bhilai	100	100	100	100	400
29	Bhilai	100	100	100	100	400
30	Bhilai	100	100	100	100	400
31	Bhilai	100	100	100	100	400
32	Bhilai	100	100	100	100	400
33	Bhilai	100	100	100	100	400
34	Bhilai	100	100	100	100	400
35	Bhilai	100	100	100	100	400
36	Bhilai	100	100	100	100	400
37	Bhilai	100	100	100	100	400
38	Bhilai	100	100	100	100	400
39	Bhilai	100	100	100	100	400
40	Bhilai	100	100	100	100	400
41	Bhilai	100	100	100	100	400
42	Bhilai	100	100	100	100	400
43	Bhilai	100	100	100	100	400
44	Bhilai	100	100	100	100	400
45	Bhilai	100	100	100	100	400
46	Bhilai	100	100	100	100	400
47	Bhilai	100	100	100	100	400
48	Bhilai	100	100	100	100	400
49	Bhilai	100	100	100	100	400
50	Bhilai	100	100	100	100	400
51	Bhilai	100	100	100	100	400
52	Bhilai	100	100	100	100	400
53	Bhilai	100	100	100	100	400
54	Bhilai	100	100	100	100	400
55	Bhilai	100	100	100	100	400
56	Bhilai	100	100	100	100	400
57	Bhilai	100	100	100	100	400
58	Bhilai	100	100	100	100	400
59	Bhilai	100	100	100	1	

1	2	3	4	5	6	7
1.	Baramulla	0	0	0	0	0
2.	Budgam	0	0	0	0	0
3.	Jammu	0	0	0	0	0
4.	Kathua	60	43	0	0	103
5.	Pulwama	0	0	0	0	0
6.	Rajouri	0	0	0	0	0
7.	Srinagar	0	0	0	0	0
8.	Udhampur	0	0	0	0	0
* State Total :		60	43	0	0	103
* Data in respect of the remaining 6 Districts are NIL.						

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : JAMMU & KASHMIR

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'ts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	Baramulla	183	0	0	0	0	0	0	0
2.	Budgam	97	0	0	0	0	0	0	0
3.	Jammu	101	0	0	0	0	0	0	0
4.	Kathua	275	0	0	0	0	0	0	0
5.	Pulwama	68	0	0	0	0	0	0	0
6.	Rajouri	5	0	0	0	0	0	0	0
7.	Srinagar	665	0	0	0	0	0	0	0
8.	Udhampur	9	0	0	0	0	0	0	0
* State Total :		1403	0	0	0	0	0	0	0
* Data in respect of the remaining 6 Districts are NIL.									

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : KARNATAKA

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	BANGALORE RURAL	6317	1347	1441	855	601	536	229	444	11770
2.	BANGALORE URBAN	1769	173	70	72	66	41	17	247	2455
3.	BELGAUM	36700	5346	3531	2609	1615	852	937	3000	54590
4.	BELLARY	2834	383	259	286	303	133	75	305	4578
5.	BIDAR	10657	2187	1156	913	692	632	282	338	16857
6.	BIJAPUR	22123	4101	3939	2935	2512	1256	468	690	38024
7.	CHIKKAMAGALORE	919	215	241	351	296	223	77	264	2586
8.	CHITRADURGA	8506	955	555	311	253	194	91	378	11243
9.	DAKSHINA KANNADA	18994	3187	2575	2150	1542	989	466	941	30844
10.	DHARWAR	3793	645	442	304	318	234	174	184	6094
11.	GULBARGA	14463	1300	1084	1097	965	588	264	560	20321
12.	HASSAN	1444	196	189	178	239	172	138	108	2664
13.	KODAGU	54	16	27	40	18	7	6	8	176
14.	KOLAR	21253	1864	1031	715	759	405	269	278	26574
15.	MANDYA	4385	932	792	877	820	544	320	515	9185
16.	MYSORE	8193	1533	1172	1170	1002	630	253	1749	15702
17.	RAICHUR	7060	1364	1755	1570	1500	1727	933	1281	17190
18.	SHIMOGA	2192	504	611	667	604	443	296	452	5769
19.	TUMKUR	23169	2212	1203	1031	864	697	365	1290	30831
20.	UTTARA KANNADA	8066	1581	1209	1279	1033	531	308	399	14406
State Total :		202891	30041	23282	19410	16002	10834	5968	13431	321859

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : KARNATAKA

(in Nos.)

Dugwells Owned by

Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9

1.	BANGALORE RURAL	5	3	1	57	11694	10	11770
2.	BANGALORE URBAN	1	0	0	133	2320	1	2455
3.	BELGAUM	38	1	1	259	53955	336	54590
4.	BELLARY	0	0	0	6	4523	49	4578
5.	BIDAR	15	1	0	1	16836	4	16857
6.	BIJAPUR	88	6	2	12	37906	10	38024
7.	CHIKKAMAGALORE	1	0	0	5	2577	3	2586
8.	CHITRADURGA	1	0	0	46	11196	0	11243
9.	DAKSHINA KANNADA	2	0	2	1	30839	0	30844
10.	DHARWAR	6	0	0	2	6086	0	6094
11.	GULBARGA	44	5	3	79	20187	3	20321
12.	HASSAN	16	0	0	119	2528	1	2664
13.	KODAGU	0	0	0	0	176	0	176
14.	KOLAR	102	0	0	26	26441	5	26574
15.	MANDYA	3	0	0	2	9171	9	9185
16.	MYSORE	28	49	0	3	15621	1	15702
17.	RAICHUR	0	0	0	14	17176	0	17190
18.	SHIMOGA	23	23	8	244	5471	0	5769
19.	TUMKUR	5	1	2	61	30755	7	30831
20.	UTTARA KANNADA	78	0	3	1	14324	0	14406
State Total :		456	89	22	1071	319782	439	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : KARNATAKA

(in Nos.)

According to Farmers' Holding size						
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	BANGALORE RURAL	4781	4193	2575	202	11751
2.	BANGALORE URBAN	850	659	806	138	2453
3.	BELGAUM	13183	18475	20029	2527	54214
4.	BELLARY	676	1340	2110	403	4529
5.	BIDAR	2195	6369	5607	2666	16837
6.	BIJAPUR	5648	12525	16824	2921	37918
7.	CHIKKAMAGALORE	490	651	1050	391	2582
8.	CHITRADURGA	1755	3242	4864	1381	11242
9.	DAKSHINA KANNADA	9992	10059	10139	650	30840

10.	DHARWAR	754	1957	2832	545	6088
11.	GULBARGA	3727	5882	7539	3118	20266
12.	HASSAN	409	944	1074	220	2647
13.	KODAGU	34	61	74	7	176
14.	KOLAR	8993	9981	6923	570	26467
15.	MANDYA	3104	3858	2071	140	9173
16.	MYSORE	3126	6479	5557	462	15624
17.	RAICHUR	2997	6228	7127	838	17190
18.	SHIMOGA	1243	1636	2433	403	5715
19.	TUMKUR	7839	10539	10883	1555	30816
20.	UTTARA KANNADA	8366	3453	2286	220	14325

State Total : 80162 108531 112803 19357 320853

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : KARNATAKA

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	BANGALORE RURAL	537	285	10929	11751	19	11770
2.	BANGALORE URBAN	93	48	2312	2453	2	2455
3.	BELGAUM	2300	1477	50437	54214	376	54590
4.	BELLARY	409	504	3616	4529	49	4578
5.	BIDAR	1203	455	15179	16837	20	16857
6.	BIJAPUR	3188	732	33998	37918	106	38024
7.	CHIKKAMAGALORE	110	28	2444	2582	4	2586
8.	CHITRADURGA	706	1833	8703	11242	1	11243
9.	DAKSHINA KANNADA	634	1030	29176	30840	4	30844
10.	DHARWAR	394	357	5337	6088	6	6094
11.	GULBARGA	2679	420	17167	20266	55	20321
12.	HASSAN	199	46	2402	2647	17	2664
13.	KODAGU	18	6	152	176	0	176
14.	KOLAR	2472	1561	22434	26467	107	26574
15.	MANDYA	573	80	8520	9173	12	9185
16.	MYSORE	1038	336	14250	15624	78	15702
17.	RAICHUR	2208	3021	11961	17190	0	17190

18.	SHIMOGA	332	105	5278	5715	54	5769
19.	TUMKUR	1632	1542	27642	30816	15	30831
20.	UTTARA KANNADA	432	145	13748	14325	81	14406
State Total :		21157	14011	285685	320853	1006	321859

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : KARNATAKA

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	BANGALORE RURAL	7307	2914	1199	350	11770
2.	BANGALORE URBAN	1663	421	174	197	2455
3.	BELGAUM	9519	42715	2092	264	54590
4.	BELLARY	1093	2327	576	582	4578
5.	BIDAR	5085	11324	363	85	16857
6.	BIJAPUR	6235	29624	1915	250	38024
7.	CHIKKAMAGALORE	1362	1002	182	40	2586
8.	CHITRADURGA	1479	5890	3609	265	11243
9.	DAKSHINA KANNADA	13870	16047	680	247	30844
10.	DHARWAR	901	3637	1486	70	6094
11.	GULBARGA	5389	14227	626	79	20321
12.	HASSAN	1685	583	229	167	2664
13.	KODAGU	51	109	15	1	176
14.	KOLAR	14819	9451	2013	291	26574
15.	MANDYA	3999	4324	624	238	9185
16.	MYSORE	3808	5883	4580	1431	15702
17.	RAICHUR	1562	13000	2371	257	17190
18.	SHIMOGA	2873	2580	215	101	5769
19.	TUMKUR	15922	10647	3566	696	30831
20.	UTTARA KANNADA	8378	5547	400	81	14406
State Total :		107000	182252	26915	5692	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : KARNATAKA

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use				Total (4 to 8)	Grand Total (3 + 9)
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed		
1	2	3	4	5	6	7	8	10
1.	BANGALORE RURAL	8137	582	242	2634	31	144	11770
2.	BANGALORE URBAN	1333	84	63	943	12	20	2455
3.	BELGAUM	50181	2769	424	972	145	99	54590
4.	BELLARY	3357	251	98	611	130	131	4578
5.	BIDAR	14602	1337	501	301	36	80	16857
6.	BIJAPUR	35444	1636	165	488	224	67	38024
7.	CHIKKAMAGALORE	2376	77	88	23	16	6	2586
8.	CHITRADURGA	7977	971	230	1950	42	73	11243
9.	DAKSHINA KANNADA	29841	818	155	13	14	3	30844
10.	DHARWAR	4920	286	116	557	51	164	6094
11.	GULBARGA	18230	1523	177	204	102	85	20321
12.	HASSAN	2504	87	14	45	7	7	2664
13.	KODAGU	175	1	0	0	0	0	176
14.	KOLAR	17670	1159	817	6298	164	466	26574
15.	MANDYA	8858	184	26	49	14	54	9185
16.	MYSORE	14959	275	152	119	21	176	15702
17.	RAICHUR	15374	1058	232	145	303	78	17190
18.	SHIMOGA	5448	136	50	67	16	52	5769
19.	TUMKUR	15809	3752	1347	9573	91	259	30831
20.	UTTARA KANNADA	14050	274	31	18	30	3	14406
State Total :		271245	17260	4928	25010	1449	1967	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : KARNATAKA

(in Nos.)

Source of Finance for constructing Dugwells

Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BANGALORE RURAL	8621	1584	321	50	1189	11765
2.	BANGALORE URBAN	1607	500	87	35	225	2454
3.	BELGAUM	46244	6481	701	86	1040	54552
4.	BELLARY	2916	988	304	57	313	4578
5.	BIDAR	13258	2772	451	149	212	16842
6.	BIJAPUR	30551	5991	612	39	743	37936
7.	CHIKKAMAGALORE	1448	770	246	91	30	2585
8.	CHITRADURGA	7794	2725	481	26	216	11242
9.	DAKSHINA KANNADA	19814	8231	1833	126	838	30842
10.	DHARWAR	3910	1537	333	36	272	6088
11.	GULBARGA	17222	2093	586	52	324	20277
12.	HASSAN	1291	1029	193	74	61	2648
13.	KODAGU	57	77	29	5	8	176
14.	KOLAR	22300	2830	458	88	796	26472
15.	MANDYA	6060	2394	421	79	228	9182
16.	MYSORE	10669	4193	411	94	307	15674
17.	RAICHUR	9524	6169	635	331	531	17190
18.	SHIMOGA	3078	1994	379	98	197	5746
19.	TUMKUR	23949	4026	557	158	2136	30826
20.	UTTARA KANNADA	8672	4050	955	93	558	14328
State Total :		238985	60434	9993	1767	10224	321403

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : KARNATAKA

(in Nos.)

According to Water Distribution System							
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BANGALORE RURAL	483	35	9150	415	1687	11770
2.	BANGALORE URBAN	350	92	1066	36	911	2455
3.	BELGAUM	3104	389	41649	6577	2871	54590

4.	BELLARY	61	11	3272	287	947	4578
5.	BIDAR	882	227	13236	1048	1464	16857
6.	BIJAPUR	1058	368	30039	1337	5222	38024
7.	CHIKKAMAGALORE	336	68	1431	136	615	2586
8.	CHITRADURGA	262	32	9938	431	580	11243
9.	DAKSHINA KANNADA	6798	677	12754	841	9774	30844
10.	DHARWAR	317	37	4398	353	989	6094
11.	GULBARGA	1122	103	16606	866	1624	20321
12.	HASSAN	192	59	1718	397	298	2664
13.	KODAGU	5	1	132	4	34	176
14.	KOLAR	1125	102	16840	865	7642	26574
15.	MANDYA	350	81	6254	1326	1174	9185
16.	MYSORE	425	273	12666	1171	1167	15702
17.	RAICHUR	495	105	13419	1976	1195	17190
18.	SHIMOGA	351	220	3523	323	1352	5769
19.	TUMKUR	1312	259	21235	814	7211	30831
20.	UTTARA KANNADA	1509	1117	5438	374	5968	14406
State Total :		20537	4256	224764	19577	52725	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : KARNATAKA

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	BANGALORE RURAL	9527	435	69	2	333	1404	11770
2.	BANGALORE URBAN	1616	40	5	1	239	554	2455
3.	BELGAUM	50651	2127	409	23	486	894	54590
4.	BELLARY	3729	164	1	2	26	656	4578
5.	BIDAR	16169	202	47	7	247	185	16857
6.	BIJAPUR	35558	570	346	6	206	1338	38024
7.	CHIKKAMAGALORE	1659	820	19	2	33	53	2586
8.	CHITRADURGA	10012	199	88	2	236	706	11243
9.	DAKSHINA KANNADA	19149	8885	172	69	495	2074	30844
10.	DHARWAR	5507	216	46	5	154	166	6094
11.	GULBARGA	15740	3463	89	23	357	649	20321

12.	HASSAN	2033	472	35	0	42	82	2664
13.	KODAGU	101	51	0	0	21	3	176
14.	KOLAR	19314	993	109	34	3385	2739	26574
15.	MANDYA	7734	1052	32	15	107	245	9185
16.	MYSORE	14379	465	34	2	403	419	15702
17.	RAICHUR	14979	1518	59	21	441	172	17190
18.	SHIMOGA	4425	1008	19	3	69	245	5769
19.	TUMKUR	22725	1012	114	282	613	6085	30831
20.	UTTARA KANNADA	10098	905	124	7	2288	984	14406
----- State Total :		265105	24597	1817	506	10181	19653	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : KARNATAKA

(in Nos.)

According to horse power of lifting devices

Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10

1.	BANGALORE RURAL	2058	3557	5164	519	133	6	333	11770
2.	BANGALORE URBAN	953	617	543	35	60	8	239	2455
3.	BELGAUM	2320	22583	24692	2507	1870	132	486	54590
4.	BELLARY	671	333	3119	255	168	6	26	4578
5.	BIDAR	708	3448	11983	246	154	71	247	16857
6.	BIJAPUR	1424	13426	19621	935	2244	168	206	38024
7.	CHIKKAMAGALORE	97	571	1568	34	175	108	33	2586
8.	CHITRADURGA	1158	755	8557	381	138	18	236	11243
9.	DAKSHINA KANNADA	7417	13974	8575	166	162	55	495	30844
10.	DHARWAR	584	1016	4061	198	67	14	154	6094
11.	GULBARGA	2881	3179	13577	124	101	102	357	20321
12.	HASSAN	81	481	1790	71	142	57	42	2664
13.	KODAGU	4	3	121	4	19	4	21	176
14.	KOLAR	3767	9942	8656	733	66	25	3385	26574
15.	MANDYA	238	2232	5966	290	329	23	107	9185
16.	MYSORE	310	679	13285	608	392	25	403	15702
17.	RAICHUR	713	3076	12459	279	149	73	441	17190
18.	SHIMOGA	687	1673	2981	145	196	18	69	5769

19.	TUMKUR	7680	6760	14474	957	265	82	613	30831
20.	UTTARA KANNADA	8979	2100	959	39	22	19	2288	14406
State Total :		42730	90405	162151	8526	6852	1014	10181	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hoursM

State : KARNATAKA

(in Nos.)

		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	BANGALORE RURAL	1323	10447	11770	5206	5218	1231	100	6	9	11770
2.	BANGALORE URBAN	536	1919	2455	1857	418	132	23	11	14	2455
3.	BELGAUM	13529	41061	54590	38012	12142	2593	702	684	457	54590
4.	BELLARY	997	3581	4578	2252	1939	285	20	15	67	4578
5.	BIDAR	2328	14529	16857	9567	6342	887	41	9	11	16857
6.	BIJAPUR	8564	29460	38024	22007	13588	1984	212	97	136	38024
7.	CHIKKAMAGALORE	362	2224	2586	1040	1114	405	19	7	1	2586
8.	CHITRADURGA	1318	9925	11243	3306	5873	1673	172	171	48	11243
9.	DAKSHINA KANNADA	5113	25731	30844	25355	4965	411	76	22	15	30844
10.	DHARWAR	905	5189	6094	3149	2678	185	47	20	15	6094
11.	GULBARGA	4060	16261	20321	17704	2345	198	21	8	45	20321
12.	HASSAN	606	2058	2664	1281	1104	221	24	28	6	2664
13.	KODAGU	73	103	176	85	78	13	0	0	0	176
14.	KOLAR	3064	23510	26574	14291	10409	1588	157	33	96	26574
15.	MANDYA	1850	7335	9185	4476	3925	711	61	4	8	9185
16.	MYSORE	3004	12698	15702	5081	8262	1972	162	125	100	15702
17.	RAICHUR	1436	15754	17190	10507	5943	628	43	50	19	17190
18.	SHIMOGA	660	5109	5769	2962	1880	370	88	43	426	5769
19.	TUMKUR	5960	24871	30831	20968	8553	907	241	41	121	30831
20.	UTTARA KANNADA	389	14017	14406	13164	1176	44	7	0	15	14406
State Total :		56077	265782	321859	202270	97952	16438	2216	1374	1609	321859

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : KARNATAKA

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	BANGALORE RURAL	11770	15	36	8
2.	BANGALORE URBAN	2455	13	34	7
3.	BELGAUM	54590	21	69	39
4.	BELLARY	4578	17	26	13
5.	BIDAR	16857	8	50	11
6.	BIJAPUR	38024	27	57	24
7.	CHIKKAMAGALORE	2586	9	46	16
8.	CHITRADURGA	11243	19	51	14
9.	DAKSHINA KANNADA	30844	40	34	6
10.	DHARWAR	6094	7	56	21
11.	GULBARGA	20321	31	71	3
12.	HASSAN	2664	24	59	24
13.	KODAGU	176	17	24	3
14.	KOLAR	26574	8	39	8
15.	MANDYA	9185	19	55	10
16.	MYSORE	15702	16	51	16
17.	RAICHUR	17190	20	63	22
18.	SHIMOGA	5769	21	59	13
19.	TUMKUR	30831	10	36	10
20.	UTTARA KANNADA	14406	36	38	7
State Average:		321859	18	47	13

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : KARNATAKA

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8
1.	BANGALORE RURAL	12224	8789	3284	3983	406	16462

2.	BANGALORE URBAN	3386	2663	814	1341	140	4958
3.	BELGAUM	86584	63196	23802	13487	503	100988
4.	BELLARY	9869	9595	3414	1005	739	14753
5.	BIDAR	43960	20254	22494	2683	150	45581
6.	BIJAPUR	82762	53733	38508	5850	2981	101072
7.	CHIKKAMAGALORE	8501	4270	975	2735	1147	9127
8.	CHITRADURGA	25465	18162	5744	4732	2033	30671
9.	DAKSHINA KANNADA	41486	3975	17596	20884	19458	61913
10.	DHARWAR	9522	7661	5912	951	669	15193
11.	GULBARGA	40627	22716	17571	2248	133	42668
12.	HASSAN	5654	3927	1663	1533	1354	8477
13.	KODAGU	317	271	114	12	4	401
14.	KOLAR	26965	23850	11426	6403	807	42486
15.	MANDYA	10052	5650	3154	2253	632	11689
16.	MYSORE	32571	25312	6200	6091	2025	39628
17.	RAICHUR	30219	25850	8270	1660	7276	43056
18.	SHIMOGA	9952	6408	1040	4381	850	12679
19.	TUMKUR	33364	23940	6811	6755	4325	41831
20.	UTTARA KANNADA	8382	2010	1197	4829	967	9003
State Total :		521862	332232	179989	93816	46599	652636

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : KARNATAKA

(in Ha.)

		Actual Area Irrigated during 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	BANGALORE RURAL	5680	1587	2334	180	9781
2.	BANGALORE URBAN	1522	301	963	40	2826
3.	BELGAUM	53098	20703	11273	456	85530
4.	BELLARY	7368	2400	712	599	11079
5.	BIDAR	19526	17728	2349	91	39694
6.	BIJAPUR	40842	27222	2920	1919	72903
7.	CHIKKAMAGALORE	3672	898	2311	581	7462
8.	CHITRADURGA	11518	3156	3603	1942	20219
9.	DAKSHINA KANNADA	3136	14522	19391	9917	46966
10.	DHARWAR	6357	4833	829	524	12543

11.	GULBARGA	18352	15465	1977	175	35969
12.	HASSAN	3482	1507	1359	187	6535
13.	KODAGU	261	112	6	4	383
14.	KOLAR	17565	8038	4666	420	30689
15.	MANDYA	5028	2887	2013	605	10533
16.	MYSORE	18449	8229	5527	2120	34325
17.	RAICHUR	19868	7593	1470	4579	33510
18.	SHIMOGA	4994	814	3819	789	10416
19.	TUMKUR	11486	3643	4737	2402	22268
20.	UTTARA KANNADA	1618	984	3918	804	7324
----- State Total :		253822	142622	76177	28334	500955

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : KARNATAKA

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	BANGALORE RURAL	641	391	477	15	1524
2.	BANGALORE URBAN	32	12	86	0	130
3.	BELGAUM	12688	3327	1132	63	17210
4.	BELLARY	803	285	51	187	1326
5.	BIDAR	559	385	369	31	1344
6.	BIJAPUR	3157	1715	102	1	4975
7.	CHIKKAMAGALORE	512	0	8	48	568
8.	CHITRADURGA	781	163	164	179	1287
9.	DAKSHINA KANNADA	273	324	277	89	963
10.	DHARWAR	331	275	19	4	629
11.	GULBARGA	1103	1054	605	180	2942
12.	HASSAN	389	117	255	112	873
13.	KODAGU	6	0	0	0	6
14.	KOLAR	1295	487	58	20	1860
15.	MANDYA	1103	817	294	229	2443
16.	MYSORE	4344	887	778	295	6304
17.	RAICHUR	1325	465	62	204	2056
18.	SHIMOGA	1052	172	802	380	2406

19.	TUMKUR	695	147	413	1517	2772
20.	UTTARA KANNADA	1	43	80	3	127
State Total :		31090	11066	6032	3557	51745

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : KARNATAKA

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'ts	Constraints in utilisation of Irri. Pot. Created				Total (5 to 8)	Grand Total (4 + 9)
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason		
1	2	3	4	5	6	7	8	9	10
1.	BANGALORE RURAL	8137	2878	2742	229	2044	244	5259	8137
2.	BANGALORE URBAN	1333	706	445	76	75	31	627	1333
3.	BELGAUM	50181	25943	10328	517	12438	955	24238	50181
4.	BELLARY	3357	2224	590	22	392	129	1133	3357
5.	BIDAR	14602	7597	2991	366	3155	493	7005	14602
6.	BIJAPUR	35444	23366	3867	645	5869	1697	12078	35444
7.	CHIKKAMAGALORE	2376	1420	711	79	117	49	956	2376
8.	CHITRADURGA	7977	3581	1875	128	2155	238	4396	7977
9.	DAKSHINA KANNADA	29841	16577	5904	298	4741	2321	13264	29841
10.	DHARWAR	4920	1902	1180	405	1103	330	3018	4920
11.	GULBARGA	18230	9639	1480	363	6218	530	8591	18230
12.	HASSAN	2504	1317	728	64	273	122	1187	2504
13.	KODAGU	175	10	78	1	79	7	165	175
14.	KOLAR	17670	5099	6719	304	3780	1768	12571	17670
15.	MANDYA	8858	2872	4326	392	852	416	5986	8858
16.	MYSORE	14959	5250	6944	160	2355	250	9709	14959
17.	RAICHUR	15374	7872	4176	141	2238	947	7502	15374
18.	SHIMOGA	5448	2768	1687	110	614	269	2680	5448
19.	TUMKUR	15809	6092	4553	122	4106	936	9717	15809
20.	UTTARA KANNADA	14050	11509	555	38	1087	861	2541	14050
State Total :		271245	138622	61879	4460	53691	12593	132623	271245

MINOR IRRIGATION CENSUS(1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.1 Construction of Dugwells over the year

State : KERALA

(in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	ALAPUZHA	100	183	232	320	917	625	395	242	3014
2.	ERANAKULAM	4820	1168	840	1877	2393	1419	1163	982	14662
3.	IDUKKI	414	349	270	433	484	999	918	715	4582
4.	KANNUR	784	413	451	2450	2546	2479	1432	1104	11659
5.	KASARAGODE	159	119	130	692	1023	915	687	853	4578
6.	KOLLAM	306	118	156	304	322	438	450	305	2399
7.	KOTTAYAM	239	271	365	1966	2250	1610	1294	640	8635
8.	KOZHIKODE	835	428	639	1694	2024	1472	1441	976	9509
9.	MALAPPURAM	3105	497	422	1031	1445	1129	1027	923	9579
10.	PALAKKAD	1550	512	553	1018	942	604	331	287	5797
11.	PATHANAMTHITTA	296	146	317	996	1017	819	780	457	4828
12.	THIRUVANANTHAPURAM	445	245	298	984	2084	1654	1207	1245	8162
13.	THRISSUR	16761	3917	2892	3289	3308	3911	2709	1958	38745
14.	WAYANAD	94	41	63	49	101	55	64	79	546
State Total :		29908	8407	7628	17103	20856	18129	13898	10766	126695

MINOR IRRIGATION CENSUS(1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.2 Distribution according to ownership

State : KERALA

(in Nos.)

Dugwells Owned by								
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	ALAPUZHA	47	1	0	0	2966	0	3014
2.	ERANAKULAM	21	3	149	16	14436	37	14662
3.	IDUKKI	64	5	31	32	4447	3	4582
4.	KANNUR	7	0	1	2	11645	4	11659
5.	KASARAGODE	16	0	36	5	4521	0	4578
6.	KOLLAM	1	0	1	0	2395	2	2399

7.	KOTTAYAM	0	0	0	0	8631	4	8635
8.	KOZHIKODE	1	0	0	0	9508	0	9509
9.	MALAPPURAM	2	0	1	12	9564	0	9579
10.	PALAKKAD	22	4	3	31	5737	0	5797
11.	PATHANAMTHITTA	7	1	1	2	4816	1	4828
12.	THIRUVANANTHAPURAM	1	0	7	0	8154	0	8162
13.	THRISSUR	58	1	1	5	38665	15	38745
14.	WAYANAD	118	8	0	1	409	10	546
----- State Total :		365	23	231	106	125894	76	126695

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : KERALA

(in Nos.)

		----- According to Farmers' Holding size -----				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	ALAPUZHA	2867	69	29	1	2966
2.	ERANAKULAM	12341	1484	611	16	14452
3.	IDUKKI	3026	1014	388	51	4479
4.	KANNUR	9634	1630	361	22	11647
5.	KASARAGODE	3685	609	205	27	4526
6.	KOLLAM	2197	142	53	3	2395
7.	KOTTAYAM	7467	1028	131	5	8631
8.	KOZHIKODE	8682	742	82	2	9508
9.	MALAPPURAM	8208	1179	176	13	9576
10.	PALAKKAD	4228	952	567	21	5768
11.	PATHANAMTHITTA	4593	204	16	5	4818
12.	THIRUVANANTHAPURAM	7960	160	32	2	8154
13.	THRISSUR	34993	3195	454	28	38670
14.	WAYANAD	124	151	125	10	410
----- State Total :		110005	12559	3230	206	126000

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : KERALA

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	ALAPUZHA	298	20	2648	2966	48	3014
2.	ERANAKULAM	415	33	14004	14452	210	14662
3.	IDUKKI	117	72	4290	4479	103	4582
4.	KANNUR	190	33	11424	11647	12	11659
5.	KASARAGODE	367	137	4022	4526	52	4578
6.	KOLLAM	23	2	2370	2395	4	2399
7.	KOTTAYAM	212	119	8300	8631	4	8635
8.	KOZHIKODE	268	26	9214	9508	1	9509
9.	MALAPPURAM	197	38	9341	9576	3	9579
10.	PALAKKAD	328	19	5421	5768	29	5797
11.	PATHANAMTHITTA	245	11	4562	4818	10	4828
12.	THIRUVANANTHAPURAM	1192	149	6813	8154	8	8162
13.	THRISSUR	1171	105	37394	38670	75	38745
14.	WAYANAD	2	7	401	410	136	546
State Total :		5025	771	120204	126000	695	126695

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : KERALA		(in Nos.)				
Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	ALAPUZHA	2728	220	21	45	3014
2.	ERANAKULAM	10753	3066	304	539	14662
3.	IDUKKI	3986	587	2	7	4582
4.	KANNUR	9720	1931	1	7	11659
5.	KASARAGODE	3412	1142	3	21	4578
6.	KOLLAM	2095	243	50	11	2399
7.	KOTTAYAM	8124	492	4	15	8635
8.	KOZHIKODE	9145	332	6	26	9509
9.	MALAPPURAM	5877	3690	9	3	9579
10.	PALAKKAD	2432	3270	42	53	5797
11.	PATHANAMTHITTA	4306	490	21	11	4828

12.	THIRUVANANTHAPURAM	6891	1155	64	52	8162
13.	THRISSUR	26821	11722	105	97	38745
14.	WAYANAD	526	20	0	0	546

State Total :	96816	28360	632	887	126695
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MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : KERALA

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use				Total (4 to 8)	Grand Total (3 + 9)	
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed			Others
1	2	3	4	5	6	7	8	9	10
1.	ALAPUZHA	3014	0	0	0	0	0	0	3014
2.	ERANAKULAM	14662	0	0	0	0	0	0	14662
3.	IDUKKI	4580	1	0	0	1	0	2	4582
4.	KANNUR	11648	7	0	1	3	0	11	11659
5.	KASARAGODE	4550	26	0	2	0	0	28	4578
6.	KOLLAM	2370	22	2	1	2	2	29	2399
7.	KOTTAYAM	8603	29	0	2	0	1	32	8635
8.	KOZHIKODE	9509	0	0	0	0	0	0	9509
9.	MALAPPURAM	9545	31	0	0	2	1	34	9579
10.	PALAKKAD	5797	0	0	0	0	0	0	5797
11.	PATHANAMTHITTA	4808	14	1	3	0	2	20	4828
12.	THIRUVANANTHAPURAM	8160	2	0	0	0	0	2	8162
13.	THRISSUR	38744	1	0	0	0	0	1	38745
14.	WAYANAD	546	0	0	0	0	0	0	546
State Total :		126536	133	3	9	8	6	159	126695

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : KERALA

(in Nos.)

Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	

1	2	3	4	5	6	7	8
1.	ALAPUZHA	197	189	1907	594	80	2967
2.	ERANAKULAM	5908	1489	5276	1359	609	14641
3.	IDUKKI	292	213	2645	1118	250	4518
4.	KANNUR	3043	1800	5521	557	731	11652
5.	KASARAGODE	525	935	2217	721	164	4562
6.	KOLLAM	401	366	1271	152	208	2398
7.	KOTTAYAM	1699	519	4183	1156	1078	8635
8.	KOZHIKODE	907	1756	6323	218	304	9508
9.	MALAPPURAM	5231	755	2114	624	853	9577
10.	PALAKKAD	2826	640	897	1368	44	5775
11.	PATHANAMTHITTA	387	636	2588	532	678	4821
12.	THIRUVANANTHAPURAM	617	829	4733	1265	717	8161
13.	THRISSUR	30110	3831	3873	735	138	38687
14.	WAYANAD	279	62	77	3	7	428
State Total :		52422	14020	43625	10402	5861	126330

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : KERALA

(in Nos.)

		According to Water Distribution System					
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	ALAPUZHA	3	21	587	16	2387	3014
2.	ERANAKULAM	96	155	10353	60	3998	14662
3.	IDUKKI	415	410	368	7	3382	4582
4.	KANNUR	91	66	2383	3005	6114	11659
5.	KASARAGODE	175	13	3145	414	831	4578
6.	KOLLAM	20	284	4	1922	169	2399
7.	KOTTAYAM	11	24	799	948	6853	8635
8.	KOZHIKODE	18	108	2862	3834	2687	9509
9.	MALAPPURAM	21	28	6797	295	2438	9579
10.	PALAKKAD	13	28	4139	645	972	5797
11.	PATHANAMTHITTA	67	240	64	229	4228	4828
12.	THIRUVANANTHAPURAM	226	197	1613	2398	3728	8162
13.	THRISSUR	138	67	33292	2818	2430	38745
14.	WAYANAD	38	42	285	151	30	546
State Total :		1332	1683	66691	16742	40247	126695

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : KERALA

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	ALAPUZHA	1707	58	0	0	1074	175	3014
2.	ERANAKULAM	12809	75	14	46	1711	7	14662
3.	IDUKKI	2133	377	1	1	1969	101	4582
4.	KANNUR	4087	1742	1	10	5140	679	11659
5.	KASARAGODE	1150	925	0	2	2008	493	4578
6.	KOLLAM	2102	5	0	2	249	41	2399
7.	KOTTAYAM	3501	20	1	3	5089	21	8635
8.	KOZHIKODE	5117	743	4	4	2995	646	9509
9.	MALAPPURAM	5236	2616	1	0	1337	389	9579
10.	PALAKKAD	4886	518	8	6	161	218	5797
11.	PATHANAMTHITTA	2422	71	0	0	2326	9	4828
12.	THIRUVANANTHAPURAM	3529	13	9	21	4533	57	8162
13.	THRISSUR	30543	7375	34	13	132	648	38745
14.	WAYANAD	183	246	0	0	116	1	546
State Total :		79405	14784	73	108	28840	3485	126695

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : KERALA

(in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	ALAPUZHA	1847	52	28	1	0	12	1074	3014
2.	ERANAKULAM	9021	2983	799	60	40	48	1711	14662

3.	IDUKKI	1798	219	401	66	93	36	1969	4582
4.	KANNUR	5233	616	548	71	38	13	5140	11659
5.	KASARAGODE	2228	206	110	3	13	10	2008	4578
6.	KOLLAM	2015	73	46	2	3	11	249	2399
7.	KOTTAYAM	3297	122	85	5	5	32	5089	8635
8.	KOZHICODE	5921	346	214	3	5	25	2995	9509
9.	MALAPPURAM	6964	1008	226	2	19	23	1337	9579
10.	PALAKKAD	3416	1063	966	131	40	20	161	5797
11.	PATHANAMTHITTA	2401	41	40	1	1	18	2326	4828
12.	THIRUVANANTHAPURAM	3211	285	115	5	2	11	4533	8162
13.	THRISSUR	26940	10291	1051	101	134	96	132	38745
14.	WAYANAD	47	51	257	36	22	17	116	546
State Total :		74339	17356	4886	487	415	372	28840	126695

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hoursM

State : KERALA

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	ALAPUZHA	48	2966	3014	2838	116	25	10	10	15	3014
2.	ERANAKULAM	1915	12747	14662	12250	2250	118	36	3	5	14662
3.	IDUKKI	1	4581	4582	3959	620	0	0	1	2	4582
4.	KANNUR	33	11626	11659	11128	529	0	0	0	2	11659
5.	KASARAGODE	1	4577	4578	3960	604	10	0	0	4	4578
6.	KOLLAM	119	2280	2399	2275	122	0	1	0	1	2399
7.	KOTTAYAM	1	8634	8635	8144	479	7	0	1	4	8635
8.	KOZHICODE	222	9287	9509	9431	64	5	1	0	8	9509
9.	MALAPPURAM	6	9573	9579	8264	1296	15	1	0	3	9579
10.	PALAKKAD	1155	4642	5797	4330	1252	207	4	0	4	5797
11.	PATHANAMTHITTA	822	4006	4828	4679	139	8	1	1	0	4828
12.	THIRUVANANTHAPURAM	110	8052	8162	7806	302	39	9	1	5	8162
13.	THRISSUR	496	38249	38745	34219	3596	617	185	79	49	38745
14.	WAYANAD	0	546	546	402	137	7	0	0	0	546
State Total :		4929	121766	126695	113685	11506	1058	248	96	102	126695

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : KERALA		(in Mts.)			
Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	ALAPUZHA	3014	0	16	1
2.	ERANAKULAM	14662	3	75	4
3.	IDUKKI	4582	2	14	0
4.	KANNUR	11659	0	30	34
5.	KASARAGODE	4578	11	61	38
6.	KOLLAM	2399	1	2	90
7.	KOTTAYAM	8635	2	7	11
8.	KOZHIKODE	9509	0	17	28
9.	MALAPPURAM	9579	4	80	4
10.	PALAKKAD	5797	4	47	11
11.	PATHANAMTHITTA	4828	0	2	5
12.	THIRUVANANTHAPURAM	8162	7	11	45
13.	THRISSUR	38745	4	148	22
14.	WAYANAD	546	36	116	34
State Average:		126695	7	44	25

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : KERALA		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8
1.	ALAPUZHA	1169	17	35	701	668	1421
2.	ERANAKULAM	9231	2232	2074	4664	2393	11363
3.	IDUKKI	6645	482	604	4975	1007	7068
4.	KANNUR	6349	255	853	4613	1406	7127
5.	KASARAGODE	3493	575	1021	2137	296	4029
6.	KOLLAM	1176	124	29	740	358	1251
7.	KOTTAYAM	4004	236	92	3749	781	4858
8.	KOZHIKODE	4256	349	302	3621	984	5256

9.	MALAPPURAM	5901	1216	1401	4446	954	8017
10.	PALAKKAD	5897	2605	2538	1348	1921	8412
11.	PATHANAMTHITTA	1853	356	300	1091	543	2290
12.	THIRUVANANTHAPURAM	2356	198	153	1708	750	2809
13.	THRISSUR	17868	696	1000	15307	2238	19241
14.	WAYANAD	2505	563	543	986	937	3029
State Total :		72703	9904	10945	50086	15236	86171

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : KERALA

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	ALAPUZHA	15	31	691	620	1357
2.	ERANAKULAM	2090	1830	4542	2207	10669
3.	IDUKKI	460	578	4405	912	6355
4.	KANNUR	207	788	4503	1121	6619
5.	KASARAGODE	352	739	2004	243	3338
6.	KOLLAM	5	3	702	279	989
7.	KOTTAYAM	148	95	3360	643	4246
8.	KOZHIKODE	189	238	3073	747	4247
9.	MALAPPURAM	1148	1269	4189	785	7391
10.	PALAKKAD	2579	2372	1287	1800	8038
11.	PATHANAMTHITTA	343	295	980	496	2114
12.	THIRUVANANTHAPURAM	184	126	1674	688	2672
13.	THRISSUR	594	898	15007	2021	18520
14.	WAYANAD	552	321	952	931	2756
State Total :		8866	9583	47369	13493	79311

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : KERALA

(in Ha.)

Sl.	Name of District	Supplementary Irrigation in 1993-94
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No.		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	ALAPUZHA	0	0	3	0	3
2.	ERANAKULAM	62	93	67	39	261
3.	IDUKKI	12	0	0	1	13
4.	KANNUR	1	0	6	34	41
5.	KASARAGODE	0	0	0	0	0
6.	KOLLAM	0	0	0	0	0
7.	KOTTAYAM	0	0	0	0	0
8.	KOZHIKODE	1	2	2	1	6
9.	MALAPPURAM	0	0	1	0	1
10.	PALAKKAD	793	995	2	311	2101
11.	PATHANAMTHITTA	62	6	132	24	224
12.	THIRUVANANTHAPURAM	2	2	7	62	73
13.	THRISSUR	6	4	14	13	37
14.	WAYANAD	0	0	0	0	0
State Total :		939	1102	234	485	2760

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : KERALA

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	ALAPUZHA	3014	0	15	0	232	2767	3014	3014
2.	ERANAKULAM	14662	0	585	120	2748	11209	14662	14662
3.	IDUKKI	4580	0	759	128	356	3337	4580	4580
4.	KANNUR	11648	0	177	163	2013	9295	11648	11648
5.	KASARAGODE	4550	0	390	144	1702	2314	4550	4550
6.	KOLLAM	2370	0	29	38	369	1934	2370	2370
7.	KOTTAYAM	8603	0	35	3	1066	7499	8603	8603
8.	KOZHIKODE	9509	0	248	14	3068	6179	9509	9509
9.	MALAPPURAM	9545	0	610	102	1500	7333	9545	9545
10.	PALAKKAD	5797	0	139	6	1586	4066	5797	5797
11.	PATHANAMTHITTA	4808	0	204	7	426	4171	4808	4808
12.	THIRUVANANTHAPURAM	8160	0	198	28	1114	6820	8160	8160
13.	THRISSUR	38744	0	440	89	2829	35386	38744	38744
14.	WAYANAD	546	0	7	13	244	282	546	546

State Total :	126536	0	3836	855	19253	102592	126536	126536
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MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : MADHYA PRADESH

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	BALAGHAT	4414	492	565	536	1133	429	351	385	8305
2.	BASTAR	2679	389	293	420	759	752	649	498	6439
3.	BETUL	30921	3155	2728	2321	2171	1275	993	736	44300
4.	BHIND	7564	635	654	576	412	284	575	222	10922
5.	BHOPAL	2840	499	569	759	842	643	476	441	7069
6.	BILASPUR	5441	516	558	572	1014	763	703	744	10311
7.	CHHATARPUR	33065	1727	1640	1430	1164	915	788	497	41226
8.	CHHINDWARA	18838	2757	2119	1622	3221	1009	879	517	30962
9.	DAMOH	4229	727	981	736	980	770	875	638	9936
10.	DATIA	9146	766	838	574	581	545	967	377	13794
11.	DEWAS	20870	1643	1293	1477	2565	1052	722	588	30210
12.	DHAR	30924	2549	2128	1925	1779	1089	808	952	42154
13.	DURG	4748	425	522	568	768	588	532	354	8505
14.	GUNA	8003	843	983	1541	2057	1446	1535	965	17373
15.	GWALIOR	9540	465	647	1025	795	723	1244	487	14926
16.	HOSHANGABAD	8955	1642	1941	2433	2855	2507	1877	1222	23432
17.	INDORE	10661	856	576	688	1020	595	576	375	15347
18.	JABALPUR	2723	561	822	955	1823	1438	1610	875	10807
19.	JHABUA	8843	1606	994	1161	1536	502	348	314	15304
20.	KHANDWA	35796	4455	3096	2711	3157	1864	1844	1529	54452
21.	KHARGONE	41405	6252	5322	4622	4548	2773	1643	740	67305
22.	MANDLA	939	144	195	142	398	67	77	75	2037
23.	MANDSAUR	95832	7858	5087	3776	3785	2357	2117	2725	123537
24.	MORENA	13448	766	918	809	628	508	1055	220	18352
25.	NARSIMHAPUR	5323	1355	1751	2330	3032	2096	1693	1004	18584
26.	PANNA	2924	393	505	304	358	188	217	146	5035

27.	RAIGARH	8060	624	413	350	1245	461	585	347	12085
28.	RAIPUR	21530	1594	1515	1465	1745	1424	1255	2033	32561
29.	RAISEN	1766	297	424	665	1546	1160	1119	623	7600
30.	RAJGARH	33057	4017	3605	3316	3070	2075	1797	1833	52770
31.	RAJNANDGAON	3196	454	284	294	527	517	535	306	6113
32.	RATLAM	34668	1994	1952	1800	2205	1560	1285	1108	46572
33.	REWA	3431	672	1307	1231	1588	1066	970	416	10681
34.	SAGAR	13629	1569	1880	1918	2836	2098	2337	1533	27800
35.	SATNA	4736	829	1010	1356	1706	1381	1621	922	13561
36.	SEHORE	10630	1978	1907	4012	4641	1648	1288	928	27032
37.	SEONI	5239	728	731	779	1517	918	876	706	11494
38.	SHAHNOL	1914	239	366	493	786	810	581	361	5550
39.	SHAJAPUR	28373	2328	2116	2608	2886	1998	1451	1155	42915
40.	SHIVPURI	34786	2154	1474	1299	1404	958	2568	549	45192
41.	SIDHI	2332	536	681	696	1292	912	959	766	8174
42.	SURGUJA	32307	1747	1091	778	2458	466	406	181	39434
43.	TIKAMGARH	35402	1879	1964	1454	802	576	1018	523	43618
44.	UJJAIN	18547	2113	2056	2065	3043	2218	1389	1166	32597
45.	VIDISHA	3498	395	589	941	973	1067	1320	1283	10066
State Total :		717172	69623	63090	63533	79651	50491	48514	34365	1126439

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : MADHYA PRADESH

(in Nos.)

		Dugwells Owned by						
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	BALAGHAT	43	55	106	65	8020	16	8305
2.	BASTAR	16	3	0	0	6420	0	6439
3.	BETUL	9	1	6	1999	42281	4	44300
4.	BHIND	456	13	34	2740	7587	92	10922
5.	BHOPAL	1	7	0	764	6296	1	7069
6.	BILASPUR	26	3	3	7	10259	13	10311
7.	CHHATARPUR	230	46	96	9675	31149	30	41226
8.	CHHINDWARA	152	61	17	2417	28313	2	30962

9.	DAMOH	30	44	22	247	9586	7	9936
10.	DATIA	58	4	20	2884	10828	0	13794
11.	DEWAS	72	31	37	1909	28122	39	30210
12.	DHAR	196	2	6	1108	40830	12	42154
13.	DURG	5	0	0	0	8500	0	8505
14.	GUNA	320	41	109	1475	15386	42	17373
15.	GWALIOR	3206	31	18	1139	10510	22	14926
16.	HOSHANGABAD	43	6	9	275	23081	18	23432
17.	INDORE	74	13	101	189	14966	4	15347
18.	JABALPUR	9	6	4	420	10360	8	10807
19.	JHABUA	49	19	8	379	14758	91	15304
20.	KHANDWA	161	161	44	18	54062	6	54452
21.	KHARGONE	53	9	10	0	67233	0	67305
22.	MANDLA	13	8	5	25	1985	1	2037
23.	MANDSAUR	2879	35	40	43296	77159	128	123537
24.	MORENA	1856	20	81	6878	9440	77	18352
25.	NARSIMHAPUR	126	32	91	851	17478	6	18584
26.	PANNA	3	4	1	28	4994	5	5035
27.	RAIGARH	273	82	187	117	11425	1	12085
28.	RAIPUR	27	2	4	2	32522	4	32561
29.	RAISEN	4	9	0	136	7448	3	7600
30.	RAJGARH	54	35	28	7854	44782	17	52770
31.	RAJNANDGAON	10	0	0	0	6102	1	6113
32.	RATLAM	1097	14	49	4554	40765	93	46572
33.	REWA	33	0	12	178	10455	3	10681
34.	SAGAR	178	31	34	1689	25831	37	27800
35.	SATNA	27	1	4	604	12923	2	13561
36.	SEHORE	9	3	33	1078	25908	1	27032
37.	SEONI	7	2	2	175	11307	1	11494
38.	SHAHNOL	11	3	10	68	5458	0	5550
39.	SHAJAPUR	408	36	61	8551	33811	48	42915
40.	SHIVPURI	4414	74	17	18919	21728	40	45192
41.	SIDHI	10	19	0	2	8142	1	8174
42.	SURGUJA	907	329	337	486	37104	271	39434
43.	TIKAMGARH	93	12	34	24591	18876	12	43618
44.	UJJAIN	582	8	9	3715	28194	89	32597
45.	VIDISHA	46	1	2	523	9400	94	10066
----- State Total :		18276	1316	1691	152030	951784	1342	1126439

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : MADHYA PRADESH

(in Nos.)

According to Farmers' Holding size

Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	BALAGHAT	1938	3194	2708	245	8085
2.	BASTAR	1178	1652	3251	339	6420
3.	BETUL	5559	10872	22997	4852	44280
4.	BHIND	1010	2240	6712	365	10327
5.	BHOPAL	549	1751	4017	743	7060
6.	BILASPUR	3097	3304	3508	357	10266
7.	CHHATARPUR	4201	11049	21901	3673	40824
8.	CHHINDWARA	4370	10026	12698	3636	30730
9.	DAMOH	2298	3286	3831	418	9833
10.	DATIA	2056	3988	6865	803	13712
11.	DEWAS	2540	7415	15926	4150	30031
12.	DHAR	4044	9186	25115	3593	41938
13.	DURG	2109	2739	3368	284	8500
14.	GUNA	1917	3926	9897	1121	16861
15.	GWALIOR	1582	2737	6613	717	11649
16.	HOSHANGABAD	2581	8182	11510	1083	23356
17.	INDORE	1640	4060	8422	1033	15155
18.	JABALPUR	2151	3833	4081	715	10780
19.	JHABUA	2011	4606	7521	999	15137
20.	KHANDWA	5205	17097	28862	2916	54080
21.	KHARGONE	5138	17129	39582	5384	67233
22.	MANDLA	550	820	585	55	2010
23.	MANDSAUR	17291	19052	39517	44595	120455
24.	MORENA	2675	4522	8553	568	16318
25.	NARSIMHAPUR	2203	6787	8937	402	18329
26.	PANNA	682	1565	2570	205	5022
27.	RAIGARH	1704	3106	5582	1150	11542
28.	RAIPUR	7821	9654	13774	1275	32524
29.	RAISEN	707	2932	3336	609	7584
30.	RAJGARH	6320	10632	29618	6066	52636
31.	RAJNANDGAON	1625	1853	2220	404	6102
32.	RATLAM	5681	10583	25022	4033	45319
33.	REWA	1814	3435	4653	731	10633
34.	SAGAR	4991	9099	12169	1261	27520
35.	SATNA	3437	4581	4979	530	13527

36.	SEHORE	1690	6004	15380	3912	26986
37.	SEONI	1447	3305	6018	712	11482
38.	SHAHNOL	1050	1729	2461	286	5526
39.	SHAJAPUR	3875	9506	23640	5341	42362
40.	SHIVPURI	5064	10370	22847	2366	40647
41.	SIDHI	943	2293	4163	745	8144
42.	SURGUJA	6383	10041	19246	1920	37590
43.	TIKAMGARH	7272	14398	20850	947	43467
44.	UJJAIN	2860	7564	17879	3606	31909
45.	VIDISHA	986	3011	4700	1226	9923

State Total :		146245	289114	548084	120371	1103814

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : MADHYA PRADESH		(in Nos.)					
Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	BALAGHAT	436	806	6843	8085	220	8305
2.	BASTAR	426	4363	1631	6420	19	6439
3.	BETUL	3092	8636	32552	44280	20	44300
4.	BHIND	708	42	9577	10327	595	10922
5.	BHOPAL	886	153	6021	7060	9	7069
6.	BILASPUR	1842	2683	5741	10266	45	10311
7.	CHHATARPUR	7351	1073	32400	40824	402	41226
8.	CHHINDWARA	2080	5320	23330	30730	232	30962
9.	DAMOH	1451	724	7658	9833	103	9936
10.	DATIA	2301	146	11265	13712	82	13794
11.	DEWAS	2776	2568	24687	30031	179	30210
12.	DHAR	756	23869	17313	41938	216	42154
13.	DURG	807	1653	6040	8500	5	8505
14.	GUNA	1514	930	14417	16861	512	17373
15.	GWALIOR	1457	435	9757	11649	3277	14926
16.	HOSHANGABAD	2196	2802	18358	23356	76	23432
17.	INDORE	731	2027	12397	15155	192	15347

18.	JABALPUR	579	947	9254	10780	27	10807
19.	JHABUA	234	12419	2484	15137	167	15304
20.	KHANDWA	3687	8032	42361	54080	372	54452
21.	KHARGONE	2335	20559	44339	67233	72	67305
22.	MANDLA	76	278	1656	2010	27	2037
23.	MANDSAUR	9491	3136	107828	120455	3082	123537
24.	MORENA	960	126	15232	16318	2034	18352
25.	NARSIMHAPUR	1000	1191	16138	18329	255	18584
26.	PANNA	532	312	4178	5022	13	5035
27.	RAIGARH	1163	6680	3699	11542	543	12085
28.	RAIPUR	3555	7201	21768	32524	37	32561
29.	RAISEN	847	589	6148	7584	16	7600
30.	RAJGARH	5507	1496	45633	52636	134	52770
31.	RAJNANDGAON	679	1914	3509	6102	11	6113
32.	RATLAM	5692	4992	34635	45319	1253	46572
33.	REWA	485	298	9850	10633	48	10681
34.	SAGAR	2255	1066	24199	27520	280	27800
35.	SATNA	1671	696	11160	13527	34	13561
36.	SEHORE	3544	1662	21780	26986	46	27032
37.	SEONI	1194	2209	8079	11482	12	11494
38.	SHAHNOL	288	1957	3281	5526	24	5550
39.	SHAJAPUR	4853	1109	36400	42362	553	42915
40.	SHIVPURI	3447	1052	36148	40647	4545	45192
41.	SIDHI	329	1021	6794	8144	30	8174
42.	SURGUJA	1939	16724	18927	37590	1844	39434
43.	TIKAMGARH	2921	574	39972	43467	151	43618
44.	UJJAIN	5288	1137	25484	31909	688	32597
45.	VIDISHA	1121	305	8497	9923	143	10066
----- State Total :		96482	157912	849420	1103814	22625	1126439

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : MADHYA PRADESH		(in Nos.)				
		----- Type of Dugwells -----				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
-----	-----	-----	-----	-----	-----	-----
1	2	3	4	5	6	7

1.	BALAGHAT	7515	677	26	87	8305
2.	BASTAR	5109	1231	21	78	6439
3.	BETUL	28697	14666	846	91	44300
4.	BHIND	8409	34	2446	33	10922
5.	BHOPAL	6021	1025	13	10	7069
6.	BILASPUR	8535	1526	162	88	10311
7.	CHHATARPUR	39919	1037	91	179	41226
8.	CHHINDWARA	22737	8055	139	31	30962
9.	DAMOH	9395	244	279	18	9936
10.	DATIA	9199	1080	3437	78	13794
11.	DEWAS	13578	15944	659	29	30210
12.	DHAR	9458	32481	166	49	42154
13.	DURG	6543	1271	678	13	8505
14.	GUNA	16157	1111	82	23	17373
15.	GWALIOR	14140	121	499	166	14926
16.	HOSHANGABAD	21996	459	949	28	23432
17.	INDORE	8722	6169	422	34	15347
18.	JABALPUR	8618	213	1920	56	10807
19.	JHABUA	5689	9268	42	305	15304
20.	KHANDWA	27058	27064	273	57	54452
21.	KHARGONE	25462	41554	181	108	67305
22.	MANDLA	1675	288	62	12	2037
23.	MANDSAUR	46526	76144	341	526	123537
24.	MORENA	13616	268	4370	98	18352
25.	NARSIMHAPUR	13405	666	4510	3	18584
26.	PANNA	4710	253	53	19	5035
27.	RAIGARH	10184	1767	123	11	12085
28.	RAIPUR	23294	7209	1539	519	32561
29.	RAISEN	6953	492	81	74	7600
30.	RAJGARH	30572	21945	97	156	52770
31.	RAJNANDGAON	5149	774	151	39	6113
32.	RATLAM	21799	23994	636	143	46572
33.	REWA	8283	400	1978	20	10681
34.	SAGAR	24516	2464	771	49	27800
35.	SATNA	12440	675	403	43	13561
36.	SEHORE	20864	5967	145	56	27032
37.	SEONI	8351	3044	95	4	11494
38.	SHAHDOL	4701	822	25	2	5550
39.	SHAJAPUR	28505	13732	413	265	42915
40.	SHIVPURI	37485	6575	926	206	45192
41.	SIDHI	6754	838	543	39	8174
42.	SURGUJA	25535	13866	21	12	39434
43.	TIKAMGARH	42245	1288	79	6	43618
44.	UJJAIN	17903	13099	1534	61	32597

45. VIDISHA	9595	415	33	23	10066
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State Total :	728017	362215	32260	3947	1126439
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MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : MADHYA PRADESH		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Temporary	Dugwells Not in Use (Abandoned Dried up Destroyed)			Others	Total (4 to 8)	Grand Total (3 + 9)
1	2	3	4	5	6	7	8	9	10
1.	BALAGHAT	8219	11	20	5	4	46	86	8305
2.	BASTAR	6020	132	7	11	12	257	419	6439
3.	BETUL	41395	1278	62	888	87	590	2905	44300
4.	BHIND	10502	0	0	0	0	420	420	10922
5.	BHOPAL	6986	62	3	2	11	5	83	7069
6.	BILASPUR	9429	171	645	66	0	0	882	10311
7.	CHHATARPUR	40765	169	29	14	21	228	461	41226
8.	CHHINDWARA	30588	15	31	146	31	151	374	30962
9.	DAMOH	9588	58	14	21	7	248	348	9936
10.	DATIA	13009	0	0	0	0	785	785	13794
11.	DEWAS	28555	138	59	538	0	920	1655	30210
12.	DHAR	38441	101	228	545	115	2724	3713	42154
13.	DURG	8063	174	84	184	0	0	442	8505
14.	GUNA	17332	0	0	0	0	41	41	17373
15.	GWALIOR	14313	0	0	0	0	613	613	14926
16.	HOSHANGABAD	22238	457	52	64	35	586	1194	23432
17.	INDORE	13908	120	52	395	77	795	1439	15347
18.	JABALPUR	10751	50	1	5	0	0	56	10807
19.	JHABUA	13769	18	54	354	362	747	1535	15304
20.	KHANDWA	45061	487	473	3234	198	4999	9391	54452
21.	KHARGONE	58305	1735	317	2939	316	3693	9000	67305
22.	MANDLA	2021	13	0	3	0	0	16	2037
23.	MANDSAUR	120971	586	412	810	1	757	2566	123537
24.	MORENA	17902	0	0	0	0	450	450	18352
25.	NARSIMHAPUR	17925	4	4	7	605	39	659	18584
26.	PANNA	4962	41	4	4	6	18	73	5035
27.	RAIGARH	10891	165	985	44	0	0	1194	12085

28.	RAIPUR	28918	1986	223	227	581	626	3643	32561
29.	RAISEN	7418	94	4	9	26	49	182	7600
30.	RAJGARH	51689	379	31	186	27	458	1081	52770
31.	RAJNANDGAON	5136	270	74	76	0	557	977	6113
32.	RATLAM	43276	239	324	1287	1	1445	3296	46572
33.	REWA	10553	60	54	14	0	0	128	10681
34.	SAGAR	27728	0	0	0	0	72	72	27800
35.	SATNA	13351	144	3	63	0	0	210	13561
36.	SEHORE	26235	215	25	53	22	482	797	27032
37.	SEONI	10810	40	9	14	346	275	684	11494
38.	SHAHNOL	5533	10	5	2	0	0	17	5550
39.	SHAJAPUR	41686	72	89	474	0	594	1229	42915
40.	SHIVPURI	44906	0	0	0	0	286	286	45192
41.	SIDHI	8124	11	0	4	4	31	50	8174
42.	SURGUJA	38700	15	700	19	0	0	734	39434
43.	TIKAMGARH	43596	0	0	0	0	22	22	43618
44.	UJJAIN	30769	169	230	377	0	1052	1828	32597
45.	VIDISHA	9943	65	6	0	0	52	123	10066
State Total :		1070280	9754	5313	13084	2895	25113	56159	1126439

MINOR IRRIGATION CENSUS(1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.7 Distribution of Dugwells according to Finance source

State : MADHYA PRADESH		(in Nos.)					
		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BALAGHAT	4825	1787	1042	221	387	8262
2.	BASTAR	3119	325	1246	1507	226	6423
3.	BETUL	38694	2954	1664	718	261	44291
4.	BHIND	5366	1350	506	63	3181	10466
5.	BHOPAL	4662	1467	695	214	30	7068
6.	BILASPUR	6289	1199	1116	1183	498	10285
7.	CHHATARPUR	34184	4175	1931	556	150	40996
8.	CHHINDWARA	24319	2851	943	198	2499	30810

9.	DAMOH	4640	2081	2071	951	163	9906
10.	DATIA	9520	2083	1004	432	697	13736
11.	DEWAS	23586	4780	1202	400	170	30138
12.	DHAR	34266	5235	1463	330	664	41958
13.	DURG	4011	2010	1457	950	72	8500
14.	GUNA	12476	2542	816	252	967	17053
15.	GWALIOR	7016	2649	757	144	1154	11720
16.	HOSHANGABAD	14637	3770	3218	1347	417	23389
17.	INDORE	11565	2423	885	265	135	15273
18.	JABALPUR	6428	2248	873	806	443	10798
19.	JHABUA	8396	2487	3436	619	317	15255
20.	KHANDWA	39190	8906	4109	1460	626	54291
21.	KHARGONE	50874	8301	5799	1542	736	67252
22.	MANDLA	968	537	284	165	70	2024
23.	MANDSAUR	74097	3866	901	348	41446	120658
24.	MORENA	6526	2052	425	181	7312	16496
25.	NARSIMHAPUR	11637	4286	2170	333	32	18458
26.	PANNA	3253	1171	473	84	51	5032
27.	RAIGARH	7930	1351	880	1431	220	11812
28.	RAIPUR	25091	2650	2400	1969	424	32534
29.	RAISEN	4251	1394	1375	501	75	7596
30.	RAJGARH	46016	3782	1767	805	346	52716
31.	RAJNANDGAON	3198	801	989	967	148	6103
32.	RATLAM	37763	5301	1220	707	484	45475
33.	REWA	7370	2051	938	237	52	10648
34.	SAGAR	20249	4379	1893	515	586	27622
35.	SATNA	8389	2179	1217	1527	222	13534
36.	SEHORE	20876	2918	2042	1014	173	27023
37.	SEONI	8792	1402	914	307	72	11487
38.	SHAHNOL	2992	925	812	721	89	5539
39.	SHAJAPUR	35230	4583	1402	1006	286	42507
40.	SHIVPURI	23931	2000	940	144	13763	40778
41.	SIDHI	4902	1529	1470	220	43	8164
42.	SURGUJA	33681	3326	660	484	376	38527
43.	TIKAMGARH	39608	2173	259	116	1369	43525
44.	UJJAIN	23087	7119	909	791	109	32015
45.	VIDISHA	4283	3450	1364	576	347	10020
----- State Total :		802183	130848	63937	29307	81888	1108163

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : MADHYA PRADESH

(in Nos.)

According to Water Distribution System

Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BALAGHAT	1608	23	3530	37	3107	8305
2.	BASTAR	100	27	4819	16	1477	6439
3.	BETUL	1106	263	39861	1838	1232	44300
4.	BHIND	155	424	9800	5	538	10922
5.	BHOPAL	31	1	1775	5204	58	7069
6.	BILASPUR	355	90	5657	162	4047	10311
7.	CHHATARPUR	889	137	39298	845	57	41226
8.	CHHINDWARA	2228	55	27530	884	265	30962
9.	DAMOH	444	32	4252	5064	144	9936
10.	DATIA	100	14	12989	86	605	13794
11.	DEWAS	1579	135	20806	5232	2458	30210
12.	DHAR	987	212	31162	7379	2414	42154
13.	DURG	185	45	4345	49	3881	8505
14.	GUNA	727	202	12008	823	3613	17373
15.	GWALIOR	115	39	14578	88	106	14926
16.	HOSHANGABAD	768	48	19534	2743	339	23432
17.	INDORE	276	72	9330	5190	479	15347
18.	JABALPUR	5607	31	4144	407	618	10807
19.	JHABUA	1282	97	9404	2575	1946	15304
20.	KHANDWA	3493	74	44645	5709	531	54452
21.	KHARGONE	1059	123	60343	5067	713	67305
22.	MANDLA	300	6	1329	95	307	2037
23.	MANDSAUR	1916	319	113289	6641	1372	123537
24.	MORENA	145	74	17373	0	760	18352
25.	NARSIMHAPUR	9418	494	4776	2610	1286	18584
26.	PANNA	71	25	4466	342	131	5035
27.	RAIGARH	189	15	10107	14	1760	12085
28.	RAIPUR	586	165	21817	177	9816	32561
29.	RAISEN	542	19	867	6129	43	7600
30.	RAJGARH	384	47	45245	6886	208	52770
31.	RAJNANDGAON	334	70	3731	142	1836	6113
32.	RATLAM	706	799	35907	7959	1201	46572
33.	REWA	131	55	9713	36	746	10681
34.	SAGAR	177	271	10009	16334	1009	27800
35.	SATNA	173	338	11280	118	1652	13561

36.	SEHORE	185	33	12547	14174	93	27032
37.	SEONI	470	49	9506	205	1264	11494
38.	SHAHNOL	72	103	4782	64	529	5550
39.	SHAJAPUR	394	114	22555	17126	2726	42915
40.	SHIVPURI	448	351	43535	113	745	45192
41.	SIDHI	49	19	7468	195	443	8174
42.	SURGUJA	346	437	32186	48	6417	39434
43.	TIKAMGARH	483	183	42649	52	251	43618
44.	UJJAIN	175	74	15625	15999	724	32597
45.	VIDISHA	70	99	2643	6998	256	10066
----- State Total :		40858	6303	863215	151860	64203	1126439

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : MADHYA PRADESH

(in Nos.)

According to Water Lifting Devices for Dugwells								

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)

1	2	3	4	5	6	7	8	9

1.	BALAGHAT	5747	1513	15	29	832	169	8305
2.	BASTAR	642	1680	0	0	4117	0	6439
3.	BETUL	34526	5774	250	57	3645	48	44300
4.	BHIND	9679	76	0	0	1167	0	10922
5.	BHOPAL	6741	309	3	2	2	12	7069
6.	BILASPUR	3546	1021	33	6	5705	0	10311
7.	CHHATARPUR	26781	10472	141	12	3791	29	41226
8.	CHHINDWARA	28226	373	30	10	2311	12	30962
9.	DAMOH	7075	2714	20	3	98	26	9936
10.	DATIA	11890	86	0	0	1817	1	13794
11.	DEWAS	29570	226	106	4	81	223	30210
12.	DHAR	37535	2110	115	26	2002	366	42154
13.	DURG	4108	1149	0	0	3248	0	8505
14.	GUNA	17163	48	12	0	150	0	17373
15.	GWALIOR	13689	37	0	0	1200	0	14926
16.	HOSHANGABAD	21272	1971	112	9	9	59	23432
17.	INDORE	15021	95	70	6	22	133	15347

18.	JABALPUR	9537	967	3	4	244	52	10807
19.	JHABUA	10377	4035	49	0	842	1	15304
20.	KHANDWA	44822	9339	79	3	191	18	54452
21.	KHARGONE	57918	7541	62	10	1046	728	67305
22.	MANDLA	1198	228	8	0	561	42	2037
23.	MANDSAUR	116610	3612	727	15	1041	1532	123537
24.	MORENA	17545	59	0	0	748	0	18352
25.	NARSIMHAPUR	18210	258	1	0	115	0	18584
26.	PANNA	2053	2847	5	9	113	8	5035
27.	RAIGARH	3434	688	245	2	7716	0	12085
28.	RAIPUR	6280	4243	91	15	21932	0	32561
29.	RAISEN	4134	3447	3	0	15	1	7600
30.	RAJGARH	49513	805	93	4	2308	47	52770
31.	RAJNANDGAON	1710	1121	0	0	3282	0	6113
32.	RATLAM	44921	990	159	12	183	307	46572
33.	REWA	8585	1524	46	1	385	140	10681
34.	SAGAR	27476	208	14	0	102	0	27800
35.	SATNA	11235	1710	66	0	427	123	13561
36.	SEHORE	26196	746	50	3	34	3	27032
37.	SEONI	6977	3433	0	0	1084	0	11494
38.	SHAHNOL	2270	2304	35	0	936	5	5550
39.	SHAJAPUR	41380	387	216	16	227	689	42915
40.	SHIVPURI	43574	207	0	0	1410	1	45192
41.	SIDHI	5730	1975	10	4	455	0	8174
42.	SURGUJA	7200	743	520	88	30883	0	39434
43.	TIKAMGARH	43522	44	0	0	51	1	43618
44.	UJJAIN	32090	153	112	1	56	185	32597
45.	VIDISHA	2740	7292	0	2	23	9	10066
----- State Total :		920448	90560	3501	353	106607	4970	1126439

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : MADHYA PRADESH		(in Nos.)							

		According to horse power of lifting devices							

Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)

1	2	3	4	5	6	7	8	9	10

1.	BALAGHAT	461	4792	2184	9	4	23	832	8305
2.	BASTAR	234	378	1704	2	0	4	4117	6439
3.	BETUL	1316	32154	6855	264	20	46	3645	44300
4.	BHIND	0	0	9743	12	0	0	1167	10922
5.	BHOPAL	12	1732	5249	15	48	11	2	7069
6.	BILASPUR	682	1594	2308	11	9	2	5705	10311
7.	CHHATARPUR	600	25144	11385	82	46	178	3791	41226
8.	CHHINDWARA	524	27377	693	11	19	27	2311	30962
9.	DAMOH	281	4098	5294	66	47	52	98	9936
10.	DATIA	221	805	7651	2963	293	44	1817	13794
11.	DEWAS	327	23954	5757	33	19	39	81	30210
12.	DHAR	755	27706	11217	154	80	240	2002	42154
13.	DURG	317	2211	2592	56	59	22	3248	8505
14.	GUNA	162	7797	8025	1170	48	21	150	17373
15.	GWALIOR	50	1974	9194	2336	135	37	1200	14926
16.	HOSHANGABAD	166	11652	11042	216	307	40	9	23432
17.	INDORE	161	5950	8848	26	95	245	22	15347
18.	JABALPUR	255	2541	6410	683	632	42	244	10807
19.	JHABUA	55	8717	5557	35	59	39	842	15304
20.	KHANDWA	228	28084	23199	1036	1430	284	191	54452
21.	KHARGONE	984	40474	24346	243	108	104	1046	67305
22.	MANDLA	20	682	764	8	1	1	561	2037
23.	MANDSAUR	1113	115835	4796	78	142	532	1041	123537
24.	MORENA	0	0	17594	10	0	0	748	18352
25.	NARSIMHAPUR	199	3415	13708	807	295	45	115	18584
26.	PANNA	81	1241	3536	23	25	16	113	5035
27.	RAIGARH	154	3647	562	2	0	4	7716	12085
28.	RAIPUR	1708	3092	5765	26	13	25	21932	32561
29.	RAISEN	61	501	6741	104	166	12	15	7600
30.	RAJGARH	449	45215	4520	62	42	174	2308	52770
31.	RAJNANDGAON	418	856	1501	25	17	14	3282	6113
32.	RATLAM	538	37124	8499	72	31	125	183	46572
33.	REWA	285	4740	5088	110	20	53	385	10681
34.	SAGAR	584	12418	12721	1689	256	30	102	27800
35.	SATNA	710	3649	8681	39	43	12	427	13561
36.	SEHORE	231	13933	12593	56	72	113	34	27032
37.	SEONI	505	5609	4257	19	12	8	1084	11494
38.	SHAHDOL	818	1121	2659	7	7	2	936	5550
39.	SHAJAPUR	631	33842	8056	73	30	56	227	42915
40.	SHIVPURI	328	3441	32642	7355	12	4	1410	45192
41.	SIDHI	871	3522	3306	9	7	4	455	8174
42.	SURGUJA	685	6786	1056	0	3	21	30883	39434
43.	TIKAMGARH	601	27018	7227	8687	3	31	51	43618
44.	UJJAIN	358	22107	9912	91	39	34	56	32597

45. VIDISHA	16	458	9096	329	131	13	23	10066

State Total :	19155	609386	354533	29104	4825	2829	106607	1126439

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : MADHYA PRADESH		(in Nos.)									
		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	BALAGHAT	1039	7266	8305	4521	2533	898	53	300	0	8305
2.	BASTAR	125	6314	6439	5983	72	241	37	101	5	6439
3.	BETUL	340	43960	44300	10943	22503	9127	1490	234	3	44300
4.	BHIND	0	10922	10922	10916	6	0	0	0	0	10922
5.	BHOPAL	11	7058	7069	147	4111	996	1097	692	26	7069
6.	BILASPUR	1424	8887	10311	8202	1260	342	204	171	132	10311
7.	CHHATARPUR	128	41098	41226	9137	19353	8239	1727	2659	111	41226
8.	CHHINDWARA	1228	29734	30962	3122	15240	6431	2962	3207	0	30962
9.	DAMOH	151	9785	9936	1299	6664	1495	145	321	12	9936
10.	DATIA	0	13794	13794	7113	3374	2601	250	455	1	13794
11.	DEWAS	646	29564	30210	1664	24319	2979	1248	0	0	30210
12.	DHAR	547	41607	42154	2241	30278	9119	402	107	7	42154
13.	DURG	1088	7417	8505	4397	0	4108	0	0	0	8505
14.	GUNA	0	17373	17373	8319	6667	1800	476	65	46	17373
15.	GWALIOR	0	14926	14926	6734	4574	2021	1043	484	70	14926
16.	HOSHANGABAD	435	22997	23432	1129	11422	8370	1183	1257	71	23432
17.	INDORE	159	15188	15347	608	2194	7822	4248	461	14	15347
18.	JABALPUR	214	10593	10807	511	3000	1819	3108	2357	12	10807
19.	JHABUA	567	14737	15304	5611	5390	2482	1177	617	27	15304
20.	KHANDWA	652	53800	54452	9661	14100	16298	5690	8703	0	54452
21.	KHARGONE	1460	65845	67305	5312	38268	16586	4729	2353	57	67305

22.	MANDLA	45	1992	2037	653	1112	213	20	39	0	2037
23.	MANDSAUR	2641	120896	123537	8975	35810	47393	17075	14049	235	123537
24.	MORENA	0	18352	18352	18340	5	7	0	0	0	18352
25.	NARSIMHAPUR	111	18473	18584	165	2776	6520	6662	2447	14	18584
26.	PANNA	307	4728	5035	1443	2424	963	113	88	4	5035
27.	RAIGARH	319	11766	12085	11936	100	34	1	0	14	12085
28.	RAIPUR	2532	30029	32561	27072	1657	1266	1002	1473	91	32561
29.	RAISEN	55	7545	7600	1253	3790	1598	524	434	1	7600
30.	RAJGARH	321	52449	52770	6030	29158	14967	1739	875	1	52770
31.	RAJNANDGAON	205	5908	6113	4541	436	846	209	80	1	6113
32.	RATLAM	200	46372	46572	2156	15591	14515	12525	1764	21	46572
33.	REWA	215	10466	10681	2852	4762	1460	1038	567	2	10681
34.	SAGAR	0	27800	27800	9805	9194	6712	2044	38	7	27800
35.	SATNA	208	13353	13561	3085	5269	3549	1285	366	7	13561
36.	SEHORE	528	26504	27032	1054	18060	7500	285	113	20	27032
37.	SEONI	145	11349	11494	2564	7452	1104	159	142	73	11494
38.	SHAHNOL	19	5531	5550	3170	1372	500	319	180	9	5550
39.	SHAJAPUR	855	42060	42915	1360	21098	13264	6584	602	7	42915
40.	SHIVPURI	0	45192	45192	41137	2901	382	249	518	5	45192
41.	SIDHI	229	7945	8174	2474	3825	1455	303	117	0	8174
42.	SURGUJA	550	38884	39434	38656	409	146	54	152	17	39434
43.	TIKAMGARH	0	43618	43618	21282	19571	2175	548	39	3	43618
44.	UJJAIN	245	32352	32597	1328	12273	14247	3915	726	108	32597
45.	VIDISHA	159	9907	10066	1948	6415	1501	161	19	22	10066

--	State Total :	20103	1106336	1126439	320849	420788	246091	88083	49372	1256	1126439

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MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : MADHYA PRADESH

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	BALAGHAT	8305	0	16	0

2.	BASTAR	6439	1	20	0
3.	BETUL	44300	0	34	5
4.	BHIND	10922	0	122	3
5.	BHOPAL	7069	1	36	23
6.	BILASPUR	10311	1	15	0
7.	CHHATARPUR	41226	0	50	8
8.	CHHINDWARA	30962	0	43	17
9.	DAMOH	9936	3	41	46
10.	DATIA	13794	0	59	1
11.	DEWAS	30210	2	28	11
12.	DHAR	42154	0	38	16
13.	DURG	8505	2	22	1
14.	GUNA	17373	0	31	15
15.	GWALIOR	14926	1	57	1
16.	HOSHANGABAD	23432	2	48	13
17.	INDORE	15347	0	53	36
18.	JABALPUR	10807	30	36	44
19.	JHABUA	15304	2	31	6
20.	KHANDWA	54452	1	73	19
21.	KHARGONE	67305	0	45	9
22.	MANDLA	2037	0	29	3
23.	MANDSAUR	123537	1	28	7
24.	MORENA	18352	0	87	1
25.	NARSIMHAPUR	18584	0	19	135
26.	PANNA	5035	3	74	16
27.	RAIGARH	12085	0	11	0
28.	RAIPUR	32561	1	13	1
29.	RAISEN	7600	1	13	118
30.	RAJGARH	52770	3	88	10
31.	RAJNANDGAON	6113	1	20	1
32.	RATLAM	46572	1	51	12
33.	REWA	10681	0	77	1
34.	SAGAR	27800	2	13	68
35.	SATNA	13561	1	79	3
36.	SEHORE	27032	2	41	47
37.	SEONI	11494	0	17	3
38.	SHAHNOL	5550	1	50	8
39.	SHAJAPUR	42915	1	45	65
40.	SHIVPURI	45192	1	45	1
41.	SIDHI	8174	0	59	2
42.	SURGUJA	39434	0	10	0
43.	TIKAMGARH	43618	0	25	0
44.	UJJAIN	32597	2	20	34
45.	VIDISHA	10066	0	23	98

State Average: 1126439 2 40 23

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : MADHYA PRADESH

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perennial	Others	
1	2	3	4	5	6	7	8
1.	BALAGHAT	16213	13278	6398	570	125	20371
2.	BASTAR	4062	3735	2758	19	0	6512
3.	BETUL	77896	4367	84471	159	23	89020
4.	BHIND	52759	11357	53945	0	0	65302
5.	BHOPAL	24662	22447	24200	112	90	46849
6.	BILASPUR	11301	7258	6811	50	125	14244
7.	CHHATARPUR	94893	361	96247	127	25	96760
8.	CHHINDWARA	46313	14166	41785	271	79	56301
9.	DAMOH	16811	317	17393	119	49	17878
10.	DATIA	37606	8418	41845	0	0	50263
11.	DEWAS	66090	8561	59458	524	74	68617
12.	DHAR	94300	43403	53132	712	31	97278
13.	DURG	15883	15504	5028	262	1597	22391
14.	GUNA	34666	904	41262	0	0	42166
15.	GWALIOR	40349	12498	41120	13	0	53631
16.	HOSHANGABAD	71712	441	72122	21	88	72672
17.	INDORE	39494	2201	37962	74	1	40238
18.	JABALPUR	41097	12923	39112	28	39	52102
19.	JHABUA	23762	7318	18564	49	10	25941
20.	KHANDWA	107401	44798	63728	9343	321	118190
21.	KHARGONE	146801	94781	66811	1919	51	163562
22.	MANDLA	2785	1113	1975	79	0	3167
23.	MANDSAUR	195377	22785	238800	3169	300	265054
24.	MORENA	69893	14876	72816	0	0	87692
25.	NARSIMHAPUR	62203	14819	59309	61	124	74313
26.	PANNA	10944	873	10378	21	17	11289
27.	RAIGARH	7415	3888	5245	45	15	9193
28.	RAIPUR	19448	22519	17922	453	1000	41894
29.	RAISEN	20959	5581	20931	234	3	26749

30.	RAJGARH	107333	25877	104502	219	123	130721
31.	RAJNANDGAON	13369	12536	7099	141	60	19836
32.	RATLAM	98939	11179	90489	434	97	102199
33.	REWA	32856	17311	26765	162	4	44242
34.	SAGAR	48557	927	50988	0	202	52117
35.	SATNA	36059	33341	35576	3114	0	72031
36.	SEHORE	82248	4001	81804	555	55	86415
37.	SEONI	19453	2858	17609	25	13	20505
38.	SHAHNOL	12505	11370	9138	6	2	20516
39.	SHAJAPUR	93033	1804	91843	486	273	94406
40.	SHIVPURI	135579	45368	125313	0	0	170681
41.	SIDHI	20801	420	20955	1	0	21376
42.	SURGUJA	15536	5633	13993	206	22	19854
43.	TIKAMGARH	96729	17658	97105	0	0	114763
44.	UJJAIN	74686	4341	71847	136	89	76413
45.	VIDISHA	24591	218	24483	6	7	24714
----- State Total : -----		2365369	610332	2171037	23925	5134	2810428 -----

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : MADHYA PRADESH		(in Ha.)				
		----- Actual Area Irrigated during 1993-94 -----				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
-----		-----				
1	2	3	4	5	6	7
-----		-----				
1.	BALAGHAT	8219	5702	299	66	14286
2.	BASTAR	263	1995	30	4	2292
3.	BETUL	2811	62886	110	1	65808
4.	BHIND	2219	39947	0	0	42166
5.	BHOPAL	43	20636	44	7	20730
6.	BILASPUR	4279	5983	52	90	10404
7.	CHHATARPUR	278	87539	20	7	87844
8.	CHHINDWARA	6844	37880	194	29	44947
9.	DAMOH	312	16604	23	36	16975
10.	DATIA	1163	29805	0	0	30968
11.	DEWAS	3764	55278	295	63	59400
12.	DHAR	26915	37346	340	19	64620

13.	DURG	8520	3762	231	2010	14523
14.	GUNA	119	32476	0	0	32595
15.	GWALIOR	1710	31604	0	0	33314
16.	HOSHANGABAD	349	61284	37	82	61752
17.	INDORE	1199	31946	61	2	33208
18.	JABALPUR	2677	32638	16	9	35340
19.	JHABUA	2867	14119	37	10	17033
20.	KHANDWA	22006	54003	9342	219	85570
21.	KHARGONE	64070	47433	2200	103	113806
22.	MANDLA	800	1719	70	1	2590
23.	MANDSAUR	5240	176188	2698	268	184394
24.	MORENA	2003	57110	0	0	59113
25.	NARSIMHAPUR	9298	57123	55	112	66588
26.	PANNA	493	9770	7	12	10282
27.	RAIGARH	997	3336	11	10	4354
28.	RAIPUR	9174	15145	235	761	25315
29.	RAISEN	11	17704	6	0	17721
30.	RAJGARH	737	87569	76	28	88410
31.	RAJNANDGAON	7486	5784	160	100	13530
32.	RATLAM	5217	79097	390	62	84766
33.	REWA	994	20474	79	7	21554
34.	SAGAR	128	37029	0	0	37157
35.	SATNA	135	27976	18	34	28163
36.	SEHORE	1569	67159	429	20	69177
37.	SEONI	1362	15325	17	2	16706
38.	SHAHNOL	59	6312	2	6	6379
39.	SHAJAPUR	520	84282	396	190	85388
40.	SHIVPURI	1437	106111	0	0	107548
41.	SIDHI	102	15089	60	0	15251
42.	SURGUJA	837	11448	283	9	12577
43.	TIKAMGARH	10040	78469	0	0	88509
44.	UJJAIN	1622	64458	162	65	66307
45.	VIDISHA	195	21150	22	0	21367

State Total :		221083	1776693	18507	4444	2020727

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : MADHYA PRADESH	(in Ha.)

Supplementary Irrigation in 1993-94	

Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	BALAGHAT	0	0	0	0	0
2.	BASTAR	0	0	0	0	0
3.	BETUL	0	35	0	0	35
4.	BHIND	0	708	0	0	708
5.	BHOPAL	32	1	0	0	33
6.	BILASPUR	294	524	22	37	877
7.	CHHATARPUR	0	4	0	41	45
8.	CHHINDWARA	0	0	0	0	0
9.	DAMOH	0	51	0	3	54
10.	DATIA	34	161	0	0	195
11.	DEWAS	28	818	0	0	846
12.	DHAR	333	454	10	1	798
13.	DURG	1277	38	1	372	1688
14.	GUNA	0	5527	0	0	5527
15.	GWALIOR	119	602	0	0	721
16.	HOSHANGABAD	2	399	0	0	401
17.	INDORE	1	52	0	0	53
18.	JABALPUR	1062	1062	0	0	2124
19.	JHABUA	9	242	0	0	251
20.	KHANDWA	391	1938	0	0	2329
21.	KHARGONE	94	106	2	0	202
22.	MANDLA	35	35	0	0	70
23.	MANDSAUR	32	241	0	42	315
24.	MORENA	0	0	0	0	0
25.	NARSIMHAPUR	4152	4206	4	0	8362
26.	PANNA	1	174	0	1	176
27.	RAIGARH	0	0	0	0	0
28.	RAIPUR	3478	701	6	0	4185
29.	RAISEN	0	2	0	0	2
30.	RAJGARH	0	0	0	3	3
31.	RAJNANDGAON	135	302	0	0	437
32.	RATLAM	124	232	0	1	357
33.	REWA	1	366	0	61	428
34.	SAGAR	21	389	0	0	410
35.	SATNA	0	125	0	0	125
36.	SEHORE	1	74	0	7	82
37.	SEONI	0	0	0	0	0
38.	SHAHDOL	0	24	0	0	24
39.	SHAJAPUR	20	218	1	3	242
40.	SHIVPURI	1155	238	0	0	1393

41.	SIDHI	0	23	0	0	23
42.	SURGUJA	0	1079	0	0	1079
43.	TIKAMGARH	0	0	0	0	0
44.	UJJAIN	0	375	0	1	376
45.	VIDISHA	2	70	5	4	81
-----		-----				
State Total :		12833	21596	51	577	35057
-----		-----				

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : MADHYA PRADESH		(in Nos.)							
Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'ts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	BALAGHAT	8219	5480	7	2	145	2585	2739	8219
2.	BASTAR	6020	699	398	4	683	4236	5321	6020
3.	BETUL	41395	0	165	33	35883	5314	41395	41395
4.	BHIND	10502	0	0	0	0	10502	10502	10502
5.	BHOPAL	6986	0	8	0	149	6829	6986	6986
6.	BILASPUR	9429	1820	117	86	1015	6391	7609	9429
7.	CHHATARPUR	40765	2	1936	944	19966	17917	40763	40765
8.	CHHINDWARA	30588	19228	24	11	4634	6691	11360	30588
9.	DAMOH	9588	0	408	36	1572	7572	9588	9588
10.	DATIA	13009	0	0	0	19	12990	13009	13009
11.	DEWAS	28555	21445	260	12	2477	4361	7110	28555
12.	DHAR	38441	4935	912	301	25368	6925	33506	38441
13.	DURG	8063	4871	45	11	1203	1933	3192	8063
14.	GUNA	17332	0	45	0	127	17160	17332	17332
15.	GWALIOR	14313	0	1	0	309	14003	14313	14313
16.	HOSHANGABAD	22238	0	76	12	668	21482	22238	22238
17.	INDORE	13908	8299	19	13	5076	501	5609	13908
18.	JABALPUR	10751	3991	258	90	367	6045	6760	10751
19.	JHABUA	13769	6037	112	39	3454	4127	7732	13769
20.	KHANDWA	45061	23519	206	144	10080	11112	21542	45061
21.	KHARGONE	58305	16831	231	48	36463	4732	41474	58305
22.	MANDLA	2021	1485	2	2	97	435	536	2021

23.	MANDSAUR	120971	56040	1391	193	35644	27703	64931	120971
24.	MORENA	17902	0	0	0	0	17902	17902	17902
25.	NARSIMHAPUR	17925	13797	75	64	132	3857	4128	17925
26.	PANNA	4962	0	192	12	2280	2478	4962	4962
27.	RAIGARH	10891	2848	99	6	2971	4967	8043	10891
28.	RAIPUR	28918	9813	490	15	2218	16382	19105	28918
29.	RAISEN	7418	0	15	4	140	7259	7418	7418
30.	RAJGARH	51689	0	98	40	41155	10396	51689	51689
31.	RAJNANDGAON	5136	2554	70	5	83	2424	2582	5136
32.	RATLAM	43276	26783	134	48	11412	4899	16493	43276
33.	REWA	10553	1872	509	117	1852	6203	8681	10553
34.	SAGAR	27728	0	94	41	6693	20900	27728	27728
35.	SATNA	13351	828	103	8	315	12097	12523	13351
36.	SEHORE	26235	0	60	92	10034	16049	26235	26235
37.	SEONI	10810	7395	28	11	1181	2195	3415	10810
38.	SHAHNOL	5533	269	57	6	308	4893	5264	5533
39.	SHAJAPUR	41686	32777	76	102	5078	3653	8909	41686
40.	SHIVPURI	44906	0	895	333	5820	37858	44906	44906
41.	SIDHI	8124	1830	362	256	4264	1412	6294	8124
42.	SURGUJA	38700	10064	289	17	9919	18411	28636	38700
43.	TIKAMGARH	43596	31	2230	1014	13379	26942	43565	43596
44.	UJJAIN	30769	22221	623	36	3264	4625	8548	30769
45.	VIDISHA	9943	0	22	10	234	9677	9943	9943
----- State Total :		1070280	307764	13142	4218	308131	437025	762516	1070280 -----

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : MEGHALAYA

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	SOUTH GARO HILLS	0	0	0	0	0	1	1	0	2
* State Total :		0	0	0	0	0	1	1	0	2

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : MEGHALAYA		(in Nos.)						
		Dugwells Owned by						
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	SOUTH GARO HILLS	2	0	0	0	0	0	2
* State Total :		2	0	0	0	0	0	2

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : MEGHALAYA		(in Nos.)				
		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	SOUTH GARO HILLS	0	0	0	0	0
* State Total :		0	0	0	0	0

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : MEGHALAYA		(in Nos.)				
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Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	SOUTH GARO HILLS	0	0	0	0	2	2
* State Total :		0	0	0	0	2	2

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : MEGHALAYA		(in Nos.)				
Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	SOUTH GARO HILLS	2	0	0	0	2
* State Total :		2	0	0	0	2

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : MEGHALAYA		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Dugwells Not in Use				Others	Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed			
1	2	3	4	5	6	7	8	9	10
1.	SOUTH GARO HILLS	2	0	0	0	0	0	0	2
* State Total :		2	0	0	0	0	0	0	2

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : MEGHALAYA

(in Nos.)

Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	SOUTH GARO HILLS	0	0	0	0	0	0
* State Total :		0	0	0	0	0	0

• Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : MEGHALAYA

(in Nos.)

Sl. No.	Name of District	According to Water Distribution System					Total (3 to 7)
		Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	
1	2	3	4	5	6	7	8
1.	SOUTH GARO HILLS	0	0	2	0	0	2
* State Total :		0	0	2	0	0	2

• Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : MEGHALAYA (in Nos.)

Sl. No.	Name of District	According to Water Lifting Devices for Dugwells						
		Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	SOUTH GARO HILLS	0	0	0	0	2	0	2
* State Total :		0	0	0	0	2	0	2

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : MEGHALAYA (in Nos.)

Sl. No.	Name of District	According to horse power of lifting devices							
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	SOUTH GARO HILLS	0	0	0	0	0	0	2	2
	* State Total :	0	0	0	0	0	0	2	2

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : MEGHALAYA (in Nos.)

[illegible]

1.	SOUTH GARO HILLS	0	2	2	2	0	0	0	0	0	2
* State Total :		0	2	2	2	0	0	0	0	0	2

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : MEGHALAYA

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	SOUTH GARO HILLS	2	0	5	0
* State Average:		2	0	5	0

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : MEGHALAYA

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	SOUTH GARO HILLS	6	6	6	0	0	12
* State Total :		6	6	6	0	0	12

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : MEGHALAYA		(in Ha.)				
		Actual Area Irrigated during 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	SOUTH GARO HILLS	6	5	0	0	11
* State Total :		6	5	0	0	11

- Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : MEGHALAYA		(in Ha.)				
		Supplementary Irrigation in 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	SOUTH GARO HILLS	0	0	0	0	0
* State Total :		0	0	0	0	0

- * Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : MEGHALAYA		(in Nos.)							
		No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created					Grand Total
Sl. No.	Name of District			Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10

1. SOUTH GARO HILLS	2	0	0	0	2	0	2	2
* State Total :	2	0	0	0	2	0	2	2

* Data in respect of the remaining 6 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : MIZORAM

(in Nos.)

		Construction of Dugwells over the years								
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	AIZAWL	39	76	72	16	24	15	23	18	283
2.	CHHIMTUIPUI	2	7	3	3	4	5	5	2	31
3.	LUNGLEI	19	66	35	21	16	9	10	0	176
State Total :		60	149	110	40	44	29	38	20	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : MIZORAM

(in Nos.)

		Dugwells Owned by						
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AIZAWL	0	0	0	0	283	0	283
2.	CHHIMTUIPUI	0	0	0	0	31	0	31
3.	LUNGLEI	1	0	0	0	175	0	176
State Total :		1	0	0	0	489	0	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : MIZORAM		(in Nos.)				

		According to Farmers' Holding size				

Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)

1	2	3	4	5	6	7

1.	AIZAWL	64	171	48	0	283
2.	CHHIMTUIPUI	5	22	4	0	31
3.	LUNGLEI	143	24	8	0	175

State Total :		212	217	60	0	489

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : MIZORAM		(in Nos.)					
		According to Social Status of farmers				Owned by	Grand
Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)	other than ind./group of farmers	Total (6 + 7)
1	2	3	4	5	6	7	8
1.	AIZAWL	0	273	10	283	0	283
2.	CHHIMTUIPUI	0	31	0	31	0	31
3.	LUNGLEI	0	168	7	175	1	176
State Total :		0	472	17	489	1	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : MIZORAM (in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	AIZAWL	229	48	0	6	283
2.	CHHIMTUIPUI	26	5	0	0	31
3.	LUNGLEI	170	6	0	0	176
State Total :		425	59	0	6	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : MIZORAM

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use					Total (4 to 8)	Grand Total (3 + 9)
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others		
1	2	3	4	5	6	7	8	9	10
1.	AIZAWL	251	28	0	0	4	0	32	283
2.	CHHIMTUIPUI	23	8	0	0	0	0	8	31
3.	LUNGLEI	129	26	1	2	1	17	47	176
State Total :		403	62	1	2	5	17	87	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : MIZORAM

(in Nos.)

Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	

1	2	3	4	5	6	7	8
1.	AIZAWL	29	0	4	184	66	283
2.	CHHIMTUIPUI	6	0	0	25	0	31
3.	LUNGLEI	0	0	1	174	0	175
State Total :		35	0	5	383	66	489

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : MIZORAM		(in Nos.)					
		According to Water Distribution System					
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	AIZAWL	0	51	130	6	96	283
2.	CHHIMTUIPUI	0	0	31	0	0	31
3.	LUNGLEI	0	143	20	1	12	176
State Total :		0	194	181	7	108	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : MIZORAM		(in Nos.)						
		According to Water Lifting Devices for Dugwells						
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AIZAWL	0	0	0	0	283	0	283
2.	CHHIMTUIPUI	0	0	0	0	31	0	31
3.	LUNGLEI	0	0	0	0	176	0	176
State Total :		0	0	0	0	490	0	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : MIZORAM (in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	AIZAWL	0	0	0	0	0	0	283	283
2.	CHHIMTUIPUI	0	0	0	0	0	0	31	31
3.	LUNGLEI	0	0	0	0	0	0	176	176
State Total :		0	0	0	0	0	0	490	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hoursM

State : MIZORAM (in Nos.)

According to Average Pumping Hours during peak season											
Sl. No.	Name of District	Location of Dugwells			0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
		On the Maj/Med	Outside Command	Total (3 + 4)							
1	2	3	4	5	6	7	8	9	10	11	12
1.	AIZAWL	0	283	283	283	0	0	0	0	0	283
2.	CHHIMTUIPUI	0	31	31	31	0	0	0	0	0	31
3.	LUNGLEI	1	175	176	176	0	0	0	0	0	176
State Total :		1	489	490	490	0	0	0	0	0	490

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : MIZORAM (in Mts.)

Total	Average length of channels
-------	----------------------------

Sl. No.	Name of District	Number of Schemes	Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	AIZAWL	283	43	146	0
2.	CHHIMTUIPUI	31	0	35	0
3.	LUNGLEI	176	82	30	0
State Average:		490	62	70	0

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : MIZORAM (in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created			
			Kharif	Rabi	Perenial	Others
1	2	3	4	5	6	7
1.	AIZAWL	599	333	264	2	1
2.	CHHIMTUIPUI	61	37	19	12	1
3.	LUNGLEI	160	107	52	4	0
State Total :		820	477	335	18	2

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : MIZORAM (in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94			
		Kharif	Rabi	Perenial	Others
1	2	3	4	5	6
1.	AIZAWL	308	241	1	0
2.	CHHIMTUIPUI	12	6	1	0
3.	LUNGLEI	42	0	4	0

State Total : 362 247 6 0 615

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : MIZORAM		(in Ha.)				
Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	AIZAWL	0	0	0	0	0
2.	CHHIMTUIPUI	0	0	0	0	0
3.	LUNGLEI	0	0	0	0	0
State Total :		0	0	0	0	0

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : MIZORAM		(in Nos.)							
Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created					Grand Total (4 + 9)
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	AIZAWL	251	251	0	0	0	0	0	251
2.	CHHIMTUIPUI	23	23	0	0	0	0	0	23
3.	LUNGLEI	129	129	0	0	0	0	0	129
State Total :		403	403	0	0	0	0	0	403

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : NAGALAND

(in Nos.)

		Construction of Dugwells over the years								
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	KOHIMA	446	0	17	26	16	6	2	7	520
2.	MOKOKCHUNG	0	0	0	0	0	0	3	7	10
* State Total :		446	0	17	26	16	6	5	14	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : NAGALAND

(in Nos.)

		Dugwells Owned by							
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)	
1	2	3	4	5	6	7	8	9	
1.	KOHIMA	0	0	0	1	518	1	520	
2.	MOKOKCHUNG	0	0	0	0	10	0	10	
* State Total :		0	0	0	1	528	1	530	

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : NAGALAND

(in Nos.)

		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	KOHIMA	183	253	82	1	519

2. MOKOKCHUNG	2	2	6	0	10
* State Total :	185	255	88	1	529

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : NAGALAND

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	KOHIMA	2	517	0	519	1	520
2.	MOKOKCHUNG	0	10	0	10	0	10
* State Total :		2	527	0	529	1	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : NAGALAND

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	KOHIMA	261	258	0	1	520
2.	MOKOKCHUNG	8	2	0	0	10
* State Total :		269	260	0	1	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : NAGALAND		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Dugwells Not in Use					Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others		
1	2	3	4	5	6	7	8	9	10
1.	KOHIMA	228	224	0	0	3	65	292	520
2.	MOKOKCHUNG	4	6	0	0	0	0	6	10
* State Total :		232	230	0	0	3	65	298	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : NAGALAND		(in Nos.)					
Sl. No.	Name of District	Source of Finance for constructing Dugwells					Total (3 to 7)
		Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	KOHIMA	25	0	0	492	3	520
2.	MOKOKCHUNG	0	0	0	10	0	10
* State Total :		25	0	0	502	3	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : NAGALAND (in Nos.)

According to Water Distribution System						
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others Total (3 to 7)
1	2	3	4	5	6	7
1.	KOHIMA	0	0	0	3	517
2.	MOKOKCHUNG	0	0	0	0	10
* State Total :		0	0	0	3	527

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : NAGALAND

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	KOHIMA	15	175	0	0	1	329	520
2.	MOKOKCHUNG	0	1	0	0	0	9	10
* State Total :		15	176	0	0	1	338	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : NAGALAND

(in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10

1. KOHIMA	18	1	180	1	0	0	320	520
2. MOKOKCHUNG	0	0	1	0	0	0	9	10
* State Total :	18	1	181	1	0	0	329	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : NAGALAND (in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1. KOHIMA		0	520	520	335	183	2	0	0	0	520
2. MOKOKCHUNG		0	10	10	10	0	0	0	0	0	10
* State Total :		0	530	530	345	183	2	0	0	0	530

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : NAGALAND (in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1. KOHIMA		520	5	3	0
2. MOKOKCHUNG		10	9	0	0
* State Average:		530	7	3	0

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : NAGALAND		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	KOHIMA	740	534	336	1	1	872
2.	MOKOKCHUNG	19	13	6	0	0	19
* State Total :		759	547	342	1	1	891

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : NAGALAND		(in Ha.)				
Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	KOHIMA	228	86	1	0	315
2.	MOKOKCHUNG	6	1	0	0	7
* State Total :		234	87	1	0	322

* Data in respect of the remaining 5 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplimentary sources

No.		1986-87	1987-88	1988-89	1989-90	1990-91	1991-92	1992-93	1993-94	(3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	ANGUL	13365	1089	793	705	1260	465	487	465	18629
2.	BALASORE	927	52	71	83	140	538	549	278	2638
3.	BARAGARH	7747	794	1078	1422	1533	1218	863	337	14992
4.	BHADRAK	57	5	7	18	26	90	165	63	431
5.	BOLANGIR	34960	3239	2233	2771	3037	2500	2436	1998	53174
6.	BOUDH	7782	455	326	255	363	429	532	213	10355
7.	CUTTACK	6181	421	737	451	869	674	880	784	10997
8.	DEOGARH	3133	325	398	750	687	473	326	224	6316
9.	DHENKANAL	6600	411	380	300	492	392	592	323	9490
10.	GAJAPATI	2495	616	232	180	230	172	137	55	4117
11.	GANJAM	21900	1290	1451	1116	1244	1127	1115	1177	30420
12.	JAGATSINGHPUR	147	6	5	12	51	78	229	264	792
13.	JAJPUR	827	46	44	104	328	408	438	268	2463
14.	JHARSUGUDA	3914	253	278	459	429	291	224	228	6076
15.	KALAHANDI	7569	524	591	838	1242	1299	1175	1052	14290
16.	KENDRAPARA	39	2	5	3	22	37	85	96	289
17.	KEONJHAR	9688	721	679	753	1392	1519	1413	1196	17361
18.	KHURDA	8456	2928	333	313	491	376	346	326	13569
19.	KORAPUT	3329	262	194	317	567	502	431	176	5778
20.	MALKANGIRI	477	51	57	68	194	307	125	70	1349
21.	MAYURBHANJ	4535	169	208	344	757	1175	1418	1799	10405
22.	NAYAGARH	11654	326	259	342	509	469	438	258	14255
23.	NOWRANGPUR	6424	243	216	330	597	701	408	404	9323
24.	NUAPADA	6773	531	646	1006	1355	1587	907	855	13660
25.	PHULBANI	4081	159	115	212	304	408	423	227	5929
26.	PURI	293	23	25	41	57	91	270	222	1022
27.	RAYAGADA	887	93	85	152	196	238	203	154	2008
28.	SAMBALPUR	7478	538	520	884	1379	1060	818	601	13278
29.	SONEPUR	8605	415	221	252	272	412	485	396	11058
30.	SUNDARGARH	14112	563	363	479	738	746	792	840	18633
State Total :		204435	16550	12550	14960	20761	19782	18710	15349	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : ORISSA

(in Nos.)

Dugwells Owned by

Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9

1.	ANGUL	75	20	4	3	18527	0	18629
2.	BALASORE	1	0	0	0	2637	0	2638
3.	BARAGARH	2	0	0	0	14990	0	14992
4.	BHADRAK	0	0	0	2	429	0	431
5.	BOLANGIR	44	2	3	5	53117	3	53174
6.	BOUDH	59	0	21	2	10272	1	10355
7.	CUTTACK	12	1	0	1	10978	5	10997
8.	DEOGARH	3	1	0	10	6302	0	6316
9.	DHENKANAL	12	0	0	16	9459	3	9490
10.	GAJAPATI	3	0	2	1	4110	1	4117
11.	GANJAM	119	16	22	210	30033	20	30420
12.	JAGATSINGHPUR	4	0	0	0	788	0	792
13.	JAJPUR	2	0	0	1	2460	0	2463
14.	JHARSUGUDA	1	0	0	0	6075	0	6076
15.	KALAHANDI	39	6	6	5	14234	0	14290
16.	KENDRAPARA	0	0	0	0	289	0	289
17.	KEONJHAR	24	3	14	16	17304	0	17361
18.	KHURDA	402	29	9	8	13121	0	13569
19.	KORAPUT	26	9	2	8	5733	0	5778
20.	MALKANGIRI	3	1	1	2	1342	0	1349
21.	MAYURBHANJ	10	2	0	2	10389	2	10405
22.	NAYAGARH	70	5	8	8	14164	0	14255
23.	NOWRANGPUR	5	4	0	3	9311	0	9323
24.	NUAPADA	89	4	2	10	13555	0	13660
25.	PHULBANI	90	1	6	5	5823	4	5929
26.	PURI	2	1	3	14	1002	0	1022
27.	RAYAGADA	8	3	3	0	1994	0	2008
28.	SAMBALPUR	13	3	6	4	13251	1	13278
29.	SONEPUR	34	0	13	2	11008	1	11058
30.	SUNDARGARH	20	2	3	8	18600	0	18633
State Total :		1172	113	128	346	321297	41	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : ORISSA

(in Nos.)

		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	ANGUL	6325	8163	3846	196	18530
2.	BALASORE	1721	688	220	8	2637

3.	BARAGARH	2229	7012	4955	794	14990
4.	BHADRAK	321	75	33	2	431
5.	BOLANGIR	13404	20314	17138	2266	53122
6.	BOUDH	2294	3921	3801	258	10274
7.	CUTTACK	5860	3473	1574	72	10979
8.	DEOGARH	1966	2818	1468	60	6312
9.	DHENKANAL	2688	3934	2666	187	9475
10.	GAJAPATI	1830	1860	396	25	4111
11.	GANJAM	14717	10216	4830	480	30243
12.	JAGATSINGHPUR	568	159	59	2	788
13.	JAJPUR	1216	854	370	21	2461
14.	JHARSUGUDA	2049	2408	1537	81	6075
15.	KALAHANDI	4307	5580	3867	485	14239
16.	KENDRAPARA	183	84	21	1	289
17.	KEONJHAR	6676	6980	3533	131	17320
18.	KHURDA	6222	4661	2094	152	13129
19.	KORAPUT	1247	2554	1822	118	5741
20.	MALKANGIRI	178	831	321	14	1344
21.	MAYURBHANJ	4005	4205	2105	76	10391
22.	NAYAGARH	6815	5376	1873	108	14172
23.	NOWRANGPUR	2536	4275	2348	155	9314
24.	NUAPADA	4161	5546	3482	376	13565
25.	PHULBANI	1628	2546	1588	66	5828
26.	PURI	663	257	87	9	1016
27.	RAYAGADA	867	704	394	29	1994
28.	SAMBALPUR	3802	5045	3988	420	13255
29.	SONEPUR	2338	3860	4203	609	11010
30.	SUNDARGARH	3872	8653	5604	479	18608

State Total : 106688 127052 80223 7680 321643

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : ORISSA

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	ANGUL	1876	1668	14986	18530	99	18629
2.	BALASORE	1019	1071	547	2637	1	2638
3.	BARAGARH	1370	4140	9480	14990	2	14992
4.	BHADRAK	347	16	68	431	0	431
5.	BOLANGIR	5239	14969	32914	53122	52	53174

6.	BOUDH	1204	2224	6846	10274	81	10355
7.	CUTTACK	2624	669	7686	10979	18	10997
8.	DEOGARH	688	2031	3593	6312	4	6316
9.	DHENKANAL	1232	1128	7115	9475	15	9490
10.	GAJAPATI	257	2818	1036	4111	6	4117
11.	GANJAM	3957	1799	24487	30243	177	30420
12.	JAGATSINGHPUR	564	3	221	788	4	792
13.	JAJPUR	1246	274	941	2461	2	2463
14.	JHARSUGUDA	681	2916	2478	6075	1	6076
15.	KALAHANDI	2678	4998	6563	14239	51	14290
16.	KENDRAPARA	215	10	64	289	0	289
17.	KEONJHAR	1648	7829	7843	17320	41	17361
18.	KHURDA	1107	606	11416	13129	440	13569
19.	KORAPUT	823	3714	1204	5741	37	5778
20.	MALKANGIRI	482	787	75	1344	5	1349
21.	MAYURBHANJ	890	7715	1786	10391	14	10405
22.	NAYAGARH	1872	1204	11096	14172	83	14255
23.	NOWRANGPUR	1144	6467	1703	9314	9	9323
24.	NUAPADA	1750	6445	5370	13565	95	13660
25.	PHULBANI	848	4116	864	5828	101	5929
26.	PURI	619	37	360	1016	6	1022
27.	RAYAGADA	213	1423	358	1994	14	2008
28.	SAMBALPUR	1318	6618	5319	13255	23	13278
29.	SONEPUR	1064	1274	8672	11010	48	11058
30.	SUNDARGARH	1510	12520	4578	18608	25	18633
----- State Total :		40485	101489	179669	321643	1454	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : ORISSA

(in Nos.)

Sl. No.	Name of District	Type of Dugwells				Total (3 to 6)
		Pucca	Kuchcha	Dug-cum Borewell	Others	
1	2	3	4	5	6	7
1.	ANGUL	16917	1655	13	44	18629
2.	BALASORE	2532	105	0	1	2638
3.	BARAGARH	11081	3866	39	6	14992
4.	BHADRAK	412	11	0	8	431
5.	BOLANGIR	23183	29659	307	25	53174
6.	BOUDH	3901	6375	48	31	10355
7.	CUTTACK	9859	1062	27	49	10997
8.	DEOGARH	5805	496	4	11	6316

9.	DHENKANAL	8660	817	8	5	9490
10.	GAJAPATI	3886	217	4	10	4117
11.	GANJAM	27419	2010	134	857	30420
12.	JAGATSINGHPUR	785	4	0	3	792
13.	JAJPUR	2306	150	1	6	2463
14.	JHARSUGUDA	5128	930	4	14	6076
15.	KALAHANDI	11802	2467	8	13	14290
16.	KENDRAPARA	263	23	0	3	289
17.	KEONJHAR	6382	10907	50	22	17361
18.	KHURDA	10344	3185	11	29	13569
19.	KORAPUT	3315	2297	123	43	5778
20.	MALKANGIRI	1101	244	3	1	1349
21.	MAYURBHANJ	8533	1843	7	22	10405
22.	NAYAGARH	12954	1228	33	40	14255
23.	NOWRANGPUR	5405	3747	12	159	9323
24.	NUAPADA	10865	2154	381	260	13660
25.	PHULBANI	4853	1022	32	22	5929
26.	PURI	852	165	5	0	1022
27.	RAYAGADA	1622	313	42	31	2008
28.	SAMBALPUR	11305	1869	3	101	13278
29.	SONEPUR	5808	5227	9	14	11058
30.	SUNDARGARH	16280	2328	12	13	18633
----- State Total :		233558	86376	1320	1843	323097 -----

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DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : ORISSA

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use				Total (4 to 8)	Grand Total (3 + 9)	
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed			Others
1	2	3	4	5	6	7	8	9	10
1.	ANGUL	17521	708	73	134	106	87	1108	18629
2.	BALASORE	1426	607	11	388	122	84	1212	2638
3.	BARAGARH	13789	1032	11	76	74	10	1203	14992
4.	BHADRAK	263	123	20	11	6	8	168	431
5.	BOLANGIR	48377	3898	156	148	431	164	4797	53174
6.	BOUDH	9529	676	15	26	77	32	826	10355
7.	CUTTACK	9879	812	7	245	13	41	1118	10997
8.	DEOGARH	5746	552	1	2	14	1	570	6316
9.	DHENKANAL	7474	1572	81	72	62	229	2016	9490
10.	GAJAPATI	1641	1678	312	301	121	64	2476	4117
11.	GANJAM	24848	4422	184	326	255	385	5572	30420
12.	JAGATSINGHPUR	562	160	39	14	8	9	230	792

13.	JAJPUR	2125	236	21	19	44	18	338	2463
14.	JHARSUGUDA	5549	324	9	73	72	49	527	6076
15.	KALAHANDI	11265	3025	0	0	0	0	3025	14290
16.	KENDRAPARA	215	47	6	10	1	10	74	289
17.	KEONJHAR	14626	2735	0	0	0	0	2735	17361
18.	KHURDA	9468	4101	0	0	0	0	4101	13569
19.	KORAPUT	2567	3211	0	0	0	0	3211	5778
20.	MALKANGIRI	508	841	0	0	0	0	841	1349
21.	MAYURBHANJ	6218	2656	78	289	405	759	4187	10405
22.	NAYAGARH	11392	2863	0	0	0	0	2863	14255
23.	NOWRANGPUR	8061	1262	0	0	0	0	1262	9323
24.	NUAPADA	11090	2570	0	0	0	0	2570	13660
25.	PHULBANI	4204	1296	19	42	54	314	1725	5929
26.	PURI	767	255	0	0	0	0	255	1022
27.	RAYAGADA	678	1330	0	0	0	0	1330	2008
28.	SAMBALPUR	11746	1173	13	67	74	205	1532	13278
29.	SONEPUR	10211	724	15	19	28	61	847	11058
30.	SUNDARGARH	14658	3975	0	0	0	0	3975	18633
State Total :		266403	48864	1071	2262	1967	2530	56694	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : ORISSA		(in Nos.)					
		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	ANGUL	5456	4264	4649	3184	1001	18554
2.	BALASORE	71	128	646	1723	69	2637
3.	BARAGARH	6895	1863	1182	3467	1583	14990
4.	BHADRAK	18	24	53	335	1	431
5.	BOLANGIR	37396	5211	4050	5977	496	53130
6.	BOUDH	6899	294	1903	1030	170	10296
7.	CUTTACK	1979	1085	4901	2907	113	10985
8.	DEOGARH	1983	582	1791	1704	253	6313
9.	DHENKANAL	2405	687	5186	1180	20	9478
10.	GAJAPATI	371	149	2132	1454	8	4114
11.	GANJAM	10631	5014	10867	3622	167	30301
12.	JAGATSINGHPUR	82	11	43	553	99	788
13.	JAJPUR	18	341	128	613	1361	2461
14.	JHARSUGUDA	3310	609	540	1437	179	6075
15.	KALAHANDI	4503	1084	2988	5406	270	14251

16.	KENDRAPARA	15	14	136	124	0	289
17.	KEONJHAR	4758	1351	5060	5934	234	17337
18.	KHURDA	8300	1171	2346	1236	114	13167
19.	KORAPUT	1477	572	1601	2046	56	5752
20.	MALKANGIRI	72	113	366	788	7	1346
21.	MAYURBHANJ	1131	480	2937	5529	318	10395
22.	NAYAGARH	2029	2644	7909	1556	47	14185
23.	NOWRANGPUR	4256	744	2068	2096	154	9318
24.	NUAPADA	5665	671	1652	5537	46	13571
25.	PHULBANI	737	258	3499	1321	24	5839
26.	PURI	204	65	84	593	74	1020
27.	RAYAGADA	204	128	579	1071	18	2000
28.	SAMBALPUR	4397	1918	2021	4836	93	13265
29.	SONEPUR	8986	560	520	776	182	11024
30.	SUNDARGARH	7174	1454	5892	4033	60	18613
State Total :		131422	33489	77729	72068	7217	321925

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : ORISSA

(in Nos.)

		According to Water Distribution System					
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	ANGUL	234	42	17629	47	677	18629
2.	BALASORE	0	1	868	5	1764	2638
3.	BARAGARH	26	7	14719	86	154	14992
4.	BHADRAK	1	1	334	2	93	431
5.	BOLANGIR	384	112	39750	53	12875	53174
6.	BOUDH	9	6	8747	332	1261	10355
7.	CUTTACK	8	13	9771	12	1193	10997
8.	DEOGARH	9	6	6283	6	12	6316
9.	DHENKANAL	59	18	9141	10	262	9490
10.	GAJAPATI	129	7	3360	19	602	4117
11.	GANJAM	699	107	28977	71	566	30420
12.	JAGATSINGHPUR	8	1	739	2	42	792
13.	JAJPUR	1	0	2414	8	40	2463
14.	JHARSUGUDA	23	6	6030	15	2	6076
15.	KALAHANDI	14	22	12625	27	1602	14290
16.	KENDRAPARA	2	1	246	2	38	289
17.	KEONJHAR	38	76	6301	44	10902	17361
18.	KHURDA	40	14	8383	16	5116	13569

19.	KORAPUT	16	24	4623	44	1071	5778
20.	MALKANGIRI	4	5	1217	6	117	1349
21.	MAYURBHANJ	8	4	2183	38	8172	10405
22.	NAYAGARH	26	27	13552	29	621	14255
23.	NOWRANGPUR	6	20	8769	1	527	9323
24.	NUAPADA	9	1	394	16	13240	13660
25.	PHULBANI	12	5	5822	9	81	5929
26.	PURI	0	2	794	29	197	1022
27.	RAYAGADA	2	0	1848	9	149	2008
28.	SAMBALPUR	23	10	13035	19	191	13278
29.	SONEPUR	54	13	10485	5	501	11058
30.	SUNDARGARH	16	19	18108	140	350	18633
----- State Total :		1860	570	257147	1102	62418	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : ORISSA

(in Nos.)

----- According to Water Lifting Devices for Dugwells -----								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9

1.	ANGUL	854	304	7	7	17292	165	18629
2.	BALASORE	22	249	0	0	2259	108	2638
3.	BARAGARH	1658	1357	7	2	11768	200	14992
4.	BHADRAK	15	60	0	2	253	101	431
5.	BOLANGIR	2075	1541	12	19	49404	123	53174
6.	BOUDH	212	196	3	1	8183	1760	10355
7.	CUTTACK	179	774	2	10	9942	90	10997
8.	DEOGARH	106	86	1	0	6086	37	6316
9.	DHENKANAL	1006	586	13	8	7828	49	9490
10.	GAJAPATI	104	61	4	1	3939	8	4117
11.	GANJAM	2901	1181	37	30	25792	479	30420
12.	JAGATSINGHPUR	15	107	1	0	548	121	792
13.	JAJPUR	96	99	2	0	2214	52	2463
14.	JHARSUGUDA	756	332	3	9	4903	73	6076
15.	KALAHANDI	647	535	51	22	13035	0	14290
16.	KENDRAPARA	14	58	0	0	182	35	289
17.	KEONJHAR	588	103	23	2	16645	0	17361
18.	KHURDA	179	198	31	10	13151	0	13569
19.	KORAPUT	29	78	5	2	5664	0	5778
20.	MALKANGIRI	11	153	1	0	1184	0	1349
21.	MAYURBHANJ	320	887	4	0	7926	1268	10405

22.	NAYAGARH	251	214	17	23	13750	0	14255
23.	NOWRANGPUR	76	337	5	7	8898	0	9323
24.	NUAPADA	495	404	18	3	12740	0	13660
25.	PHULBANI	261	380	3	2	5258	25	5929
26.	PURI	9	167	3	5	838	0	1022
27.	RAYAGADA	10	82	1	1	1914	0	2008
28.	SAMBALPUR	913	1150	6	10	10667	532	13278
29.	SONEPUR	349	280	13	1	10304	111	11058
30.	SUNDARGARH	1760	2200	19	16	14638	0	18633
State Total :		15911	14159	292	193	287205	5337	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : ORISSA

(in Nos.)

		According to horse power of lifting devices								
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)	
1	2	3	4	5	6	7	8	9	10	
1.	ANGUL	1020	168	141	0	4	4	17292	18629	
2.	BALASORE	141	37	200	0	0	1	2259	2638	
3.	BARAGARH	1701	451	1068	1	2	1	11768	14992	
4.	BHADRAK	121	16	40	0	0	1	253	431	
5.	BOLANGIR	1733	1128	875	1	1	32	49404	53174	
6.	BOUDH	1931	102	136	0	1	2	8183	10355	
7.	CUTTACK	781	192	82	0	0	0	9942	10997	
8.	DEOGARH	144	10	76	0	0	0	6086	6316	
9.	DHENKANAL	848	467	336	1	1	9	7828	9490	
10.	GAJAPATI	97	32	43	0	2	4	3939	4117	
11.	GANJAM	3284	956	334	2	4	48	25792	30420	
12.	JAGATSINGHPUR	168	68	7	1	0	0	548	792	
13.	JAJPUR	123	47	79	0	0	0	2214	2463	
14.	JHARSUGUDA	893	86	193	0	0	1	4903	6076	
15.	KALAHANDI	635	203	406	2	1	8	13035	14290	
16.	KENDRAPARA	53	18	33	1	1	1	182	289	
17.	KEONJHAR	536	72	89	0	1	18	16645	17361	
18.	KHURDA	179	88	131	1	0	19	13151	13569	
19.	KORAPUT	35	45	33	0	0	1	5664	5778	
20.	MALKANGIRI	65	29	70	0	0	1	1184	1349	
21.	MAYURBHANJ	1611	189	659	3	14	3	7926	10405	
22.	NAYAGARH	105	229	171	0	0	0	13750	14255	
23.	NOWRANGPUR	77	74	270	1	3	0	8898	9323	
24.	NUAPADA	426	159	332	0	0	3	12740	13660	

25.	PHULBANI	295	232	137	4	2	1	5258	5929
26.	PURI	105	39	34	0	0	6	838	1022
27.	RAYAGADA	39	16	34	0	5	0	1914	2008
28.	SAMBALPUR	1500	383	719	1	1	7	10667	13278
29.	SONEPUR	420	145	184	1	0	4	10304	11058
30.	SUNDARGARH	1572	796	1608	3	3	13	14638	18633
----- State Total :		20638	6477	8520	23	46	188	287205	323097

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : ORISSA

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
		3	4	5	6	7	8	9	10	11	12
1.	ANGUL	397	18232	18629	18453	163	6	0	3	4	18629
2.	BALASORE	7	2631	2638	2588	43	5	2	0	0	2638
3.	BARAGARH	2114	12878	14992	14627	326	34	2	3	0	14992
4.	BHADRAK	71	360	431	409	19	1	2	0	0	431
5.	BOLANGIR	288	52886	53174	52448	644	65	6	6	5	53174
6.	BOUDH	826	9529	10355	10342	10	3	0	0	0	10355
7.	CUTTACK	388	10609	10997	10900	97	0	0	0	0	10997
8.	DEOGARH	252	6064	6316	6309	6	1	0	0	0	6316
9.	DHENKANAL	79	9411	9490	9362	117	9	1	0	1	9490
10.	GAJAPATI	11	4106	4117	4073	36	7	1	0	0	4117
11.	GANJAM	5336	25084	30420	29066	1258	79	3	3	11	30420
12.	JAGATSINGHPUR	171	621	792	781	4	7	0	0	0	792
13.	JAJPUR	168	2295	2463	2437	26	0	0	0	0	2463
14.	JHARSUGUDA	4	6072	6076	6050	15	9	0	2	0	6076
15.	KALAHANDI	509	13781	14290	14177	100	8	0	0	5	14290
16.	KENDRAPARA	83	206	289	275	14	0	0	0	0	289
17.	KEONJHAR	637	16724	17361	17271	75	3	12	0	0	17361
18.	KHURDA	86	13483	13569	13502	63	0	1	0	3	13569
19.	KORAPUT	526	5252	5778	5773	5	0	0	0	0	5778
20.	MALKANGIRI	1	1348	1349	1319	14	1	4	11	0	1349
21.	MAYURBHANJ	216	10189	10405	10249	126	24	4	2	0	10405
22.	NAYAGARH	663	13592	14255	14032	192	29	1	1	0	14255
23.	NOWRANGPUR	28	9295	9323	9289	34	0	0	0	0	9323
24.	NUAPADA	108	13552	13660	13517	106	5	29	0	3	13660
25.	PHULBANI	52	5877	5929	5906	18	3	0	2	0	5929
26.	PURI	131	891	1022	990	30	2	0	0	0	1022
27.	RAYAGADA	7	2001	2008	1990	13	1	4	0	0	2008

28.	SAMBALPUR	77	13201	13278	13096	57	105	7	12	1	13278
29.	SONEPUR	1976	9082	11058	10835	216	5	2	0	0	11058
30.	SUNDARGARH	267	18366	18633	18415	194	16	0	1	7	18633
State Total :		15479	307618	323097	318481	4021	428	81	46	40	323097

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : ORISSA

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	ANGUL	18629	1	13	0
2.	BALASORE	2638	0	11	0
3.	BARAGARH	14992	0	33	0
4.	BHADRAK	431	1	15	0
5.	BOLANGIR	53174	0	7	0
6.	BOUDH	10355	0	15	0
7.	CUTTACK	10997	0	24	0
8.	DEOGARH	6316	0	24	0
9.	DHENKANAL	9490	0	11	0
10.	GAJAPATI	4117	0	8	0
11.	GANJAM	30420	0	8	0
12.	JAGATSINGHPUR	792	0	18	0
13.	JAJPUR	2463	0	19	0
14.	JHARSUGUDA	6076	0	24	0
15.	KALAHANDI	14290	0	8	0
16.	KENDRAPARA	289	0	17	0
17.	KEONJHAR	17361	0	3	0
18.	KHURDA	13569	0	9	0
19.	KORAPUT	5778	0	5	0
20.	MALKANGIRI	1349	0	7	0
21.	MAYURBHANJ	10405	0	6	0
22.	NAYAGARH	14255	0	8	0
23.	NOWRANGPUR	9323	0	13	0
24.	NUAPADA	13660	0	0	0
25.	PHULBANI	5929	2	17	2
26.	PURI	1022	0	12	0
27.	RAYAGADA	2008	0	6	0
28.	SAMBALPUR	13278	1	20	0
29.	SONEPUR	11058	0	13	0
30.	SUNDARGARH	18633	0	19	1

State Average: 323097 1 13 1

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : ORISSA

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perennial	Others	
1	2	3	4	5	6	7	8
1.	ANGUL	4597	3839	1862	381	24	6106
2.	BALASORE	828	534	690	5	40	1269
3.	BARAGARH	7231	6781	4190	596	228	11795
4.	BHADRAK	181	85	152	20	7	264
5.	BOLANGIR	24246	14925	9017	3432	279	27653
6.	BOUDH	2877	1919	1223	201	111	3454
7.	CUTTACK	3979	3395	2209	544	942	7090
8.	DEOGARH	2149	1838	1921	205	139	4103
9.	DHENKANAL	6997	3830	4739	309	490	9368
10.	GAJAPATI	2434	2720	2018	12	2	4752
11.	GANJAM	22966	22209	18907	938	558	42612
12.	JAGATSINGHPUR	349	121	378	5	22	526
13.	JAJPUR	1090	1010	591	9	631	2241
14.	JHARSUGUDA	1974	1528	1307	19	490	3344
15.	KALAHANDI	5685	5573	2411	403	103	8490
16.	KENDRAPARA	175	96	110	2	86	294
17.	KEONJHAR	3488	3573	1899	86	16	5574
18.	KHURDA	7044	5492	4582	751	1473	12298
19.	KORAPUT	1961	1901	1016	18	0	2935
20.	MALKANGIRI	731	515	582	7	1	1105
21.	MAYURBHANJ	3662	3223	2613	16	74	5926
22.	NAYAGARH	5656	3808	2949	1175	257	8189
23.	NOWRANGPUR	2346	2330	1190	75	8	3603
24.	NUAPADA	4032	2244	2186	168	16	4614
25.	PHULBANI	1558	1046	847	8	15	1916
26.	PURI	951	63	1028	36	9	1136
27.	RAYAGADA	939	1066	319	8	10	1403
28.	SAMBALPUR	6431	5620	1853	228	1447	9148
29.	SONEPUR	3983	3314	1861	189	36	5400
30.	SUNDARGARH	7081	2505	6644	172	14	9335
State Total :		137621	107103	81294	10018	7528	205943

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : ORISSA		(in Ha.)				
		Actual Area Irrigated during 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	ANGUL	2344	789	239	6	3378
2.	BALASORE	31	218	4	0	253
3.	BARAGARH	4354	2483	451	42	7330
4.	BHADRAK	24	67	3	0	94
5.	BOLANGIR	8000	5807	2607	131	16545
6.	BOUDH	1159	709	153	2	2023
7.	CUTTACK	2223	1036	467	162	3888
8.	DEOGARH	767	421	62	0	1250
9.	DHENKANAL	1401	1214	114	12	2741
10.	GAJAPATI	1083	607	19	0	1709
11.	GANJAM	7421	9383	928	130	17862
12.	JAGATSINGHPUR	48	134	4	14	200
13.	JAJPUR	506	296	8	1	811
14.	JHARSUGUDA	980	705	12	0	1697
15.	KALAHANDI	1821	970	403	24	3218
16.	KENDRAPARA	52	39	0	0	91
17.	KEONJHAR	1785	641	25	4	2455
18.	KHURDA	1176	1274	591	492	3533
19.	KORAPUT	369	244	18	0	631
20.	MALKANGIRI	131	70	7	0	208
21.	MAYURBHANJ	867	769	5	2	1643
22.	NAYAGARH	984	1291	1147	58	3480
23.	NOWRANGPUR	1397	771	75	7	2250
24.	NUAPADA	859	1080	168	4	2111
25.	PHULBANI	362	382	10	2	756
26.	PURI	39	624	35	7	705
27.	RAYAGADA	244	96	8	2	350
28.	SAMBALPUR	2323	712	54	9	3098
29.	SONEPUR	2404	1106	123	32	3665
30.	SUNDARGARH	726	2909	172	3	3810
State Total :		45880	36847	7912	1146	91785

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : ORISSA		(in Ha.)				
Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	ANGUL	7	2	0	0	9
2.	BALASORE	0	0	0	0	0
3.	BARAGARH	197	106	10	3	316
4.	BHADRAK	5	1	0	0	6
5.	BOLANGIR	4	0	1	0	5
6.	BOUDH	40	4	6	0	50
7.	CUTTACK	47	24	0	0	71
8.	DEOGARH	24	29	2	0	55
9.	DHENKANAL	2	2	0	1	5
10.	GAJAPATI	1	0	0	0	1
11.	GANJAM	1571	227	45	1	1844
12.	JAGATSINGHPUR	23	5	0	0	28
13.	JAJPUR	29	10	0	0	39
14.	JHARSUGUDA	0	0	0	0	0
15.	KALAHANDI	41	17	403	0	461
16.	KENDRAPARA	13	2	0	0	15
17.	KEONJHAR	4	3	0	0	7
18.	KHURDA	57	31	429	56	573
19.	KORAPUT	10	10	18	0	38
20.	MALKANGIRI	0	0	7	0	7
21.	MAYURBHANJ	3	11	0	0	14
22.	NAYAGARH	39	17	1141	4	1201
23.	NOWRANGPUR	2	3	75	0	80
24.	NUAPADA	0	0	168	0	168
25.	PHULBANI	0	0	0	0	0
26.	PURI	0	7	35	0	42
27.	RAYAGADA	0	0	8	0	8
28.	SAMBALPUR	17	4	0	0	21
29.	SONEPUR	225	155	11	0	391
30.	SUNDARGARH	2	5	172	0	179
State Total :		2363	675	2531	65	5634

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : ORISSA (in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created				Total (5 to 8)	Grand Total (4 + 9)
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason		
1	2	3	4	5	6	7	8	9	10
1.	ANGUL	17521	0	75	60	2520	14866	17521	17521
2.	BALASORE	1426	0	10	5	298	1113	1426	1426
3.	BARAGARH	13789	0	164	41	2947	10637	13789	13789
4.	BHADRAK	263	0	1	4	38	220	263	263
5.	BOLANGIR	48377	0	170	46	2904	45257	48377	48377
6.	BOUDH	9529	0	1095	9	773	7652	9529	9529
7.	CUTTACK	9879	0	4	16	1102	8757	9879	9879
8.	DEOGARH	5746	0	2	3	307	5434	5746	5746
9.	DHENKANAL	7474	0	134	41	1257	6042	7474	7474
10.	GAJAPATI	1641	0	171	22	562	886	1641	1641
11.	GANJAM	24848	0	871	201	5240	18536	24848	24848
12.	JAGATSINGHPUR	562	0	1	3	55	503	562	562
13.	JAJPUR	2125	0	10	3	640	1472	2125	2125
14.	JHARSUGUDA	5549	0	47	35	998	4469	5549	5549
15.	KALAHANDI	11265	4615	34	40	593	5983	6650	11265
16.	KENDRAPARA	215	0	1	3	31	180	215	215
17.	KEONJHAR	14626	3878	41	28	3852	6827	10748	14626
18.	KHURDA	9468	4726	4	9	1539	3190	4742	9468
19.	KORAPUT	2567	1272	4	11	540	740	1295	2567
20.	MALKANGIRI	508	155	1	9	94	249	353	508
21.	MAYURBHANJ	6218	0	104	19	1005	5090	6218	6218
22.	NAYAGARH	11392	4261	19	14	2120	4978	7131	11392
23.	NOWRANGPUR	8061	4721	6	26	410	2898	3340	8061
24.	NUAPADA	11090	5344	31	12	1147	4556	5746	11090
25.	PHULBANI	4204	0	372	8	113	3711	4204	4204
26.	PURI	767	595	1	7	35	129	172	767
27.	RAYAGADA	678	513	3	1	44	117	165	678
28.	SAMBALPUR	11746	0	82	13	2101	9550	11746	11746
29.	SONEPUR	10211	0	25	97	916	9173	10211	10211
30.	SUNDARGARH	14658	13569	5	72	488	524	1089	14658
State Total :		266403	43649	3488	858	34669	183739	222754	266403

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : PUNJAB

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	AMRITSAR	1202	55	73	53	16	14	20	1	1434
2.	BATHINDA	296	9	23	13	14	5	1	5	366
3.	FARIDKOT	302	34	53	42	37	15	14	9	506
4.	FATEHGARH SAHIB	88	12	11	1	1	0	0	12	125
5.	FEROZEPUR	182	43	21	13	33	41	11	0	344
6.	GURDASPUR	579	40	20	10	1	2	3	1	656
7.	HOSHIARPUR	530	56	55	34	14	10	4	1	704
8.	JALANDHAR	1284	66	46	21	19	9	14	7	1466
9.	KAPURTHALA	582	54	49	38	32	15	8	8	786
10.	LUDHIANA	586	21	29	15	20	8	20	8	707
11.	MANSA	174	84	105	97	51	32	16	6	565
12.	PATIALA	142	3	4	0	0	0	0	0	149
13.	ROPAR	1908	99	66	59	68	46	46	42	2334
14.	SANGRUR	736	249	178	125	109	63	34	35	1529
State Total :		8591	825	733	521	415	260	191	135	11671

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : PUNJAB

(in Nos.)

Sl. No.	Name of District	Dugwells Owned by						Total (3 to 8)
		Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	
1	2	3	4	5	6	7	8	9
1.	AMRITSAR	0	0	0	2	1432	0	1434
2.	BATHINDA	0	0	0	9	357	0	366
3.	FARIDKOT	1	0	0	0	505	0	506
4.	FATEHGARH SAHIB	1	0	0	0	124	0	125
5.	FEROZEPUR	0	0	0	0	344	0	344
6.	GURDASPUR	0	0	0	0	656	0	656
7.	HOSHIARPUR	1	0	0	8	695	0	704
8.	JALANDHAR	3	0	1	0	1462	0	1466
9.	KAPURTHALA	0	3	0	0	782	1	786
10.	LUDHIANA	5	0	6	1	695	0	707
11.	MANSA	1	0	1	0	563	0	565
12.	PATIALA	0	0	3	0	146	0	149
13.	ROPAR	3	0	4	53	2274	0	2334
14.	SANGRUR	6	0	0	1	1521	1	1529

State Total :	21	3	15	74	11556	2	11671
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MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : PUNJAB

(in Nos.)

		According to Farmers' Holding size				
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	AMRITSAR	32	155	1242	5	1434
2.	BATHINDA	25	22	306	13	366
3.	FARIDKOT	51	110	319	25	505
4.	FATEHGARH SAHIB	7	21	88	8	124
5.	FEROZEPUR	1	16	267	60	344
6.	GURDASPUR	41	39	565	11	656
7.	HOSHIARPUR	146	190	342	25	703
8.	JALANDHAR	182	311	947	22	1462
9.	KAPURTHALA	86	212	450	34	782
10.	LUDHIANA	39	128	485	44	696
11.	MANSA	34	112	319	98	563
12.	PATIALA	10	14	120	2	146
13.	ROPAR	626	728	867	106	2327
14.	SANGRUR	90	262	1136	34	1522
State Total :		1370	2320	7453	487	11630

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : PUNJAB

(in Nos.)

		According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total
Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		(6 + 7)
1	2	3	4	5	6	7	8

1.	AMRITSAR	25	16	1393	1434	0	1434
2.	BATHINDA	21	1	344	366	0	366
3.	FARIDKOT	21	0	484	505	1	506
4.	FATEHGARH SAHIB	1	0	123	124	1	125
5.	FEROZEPUR	1	0	343	344	0	344
6.	GURDASPUR	15	1	640	656	0	656
7.	HOSHIARPUR	27	7	669	703	1	704
8.	JALANDHAR	247	9	1206	1462	4	1466
9.	KAPURTHALA	99	20	663	782	4	786
10.	LUDHIANA	17	4	675	696	11	707
11.	MANSA	23	3	537	563	2	565
12.	PATIALA	5	0	141	146	3	149
13.	ROPAR	45	41	2241	2327	7	2334
14.	SANGRUR	34	5	1483	1522	7	1529
----- State Total :		581	107	10942	11630	41	11671

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : PUNJAB		(in Nos.)				
-----		Type of Dugwells				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
-----	-----	-----	-----	-----	-----	-----
1	2	3	4	5	6	7
-----	-----	-----	-----	-----	-----	-----
1.	AMRITSAR	1423	6	2	3	1434
2.	BATHINDA	350	7	8	1	366
3.	FARIDKOT	438	65	3	0	506
4.	FATEHGARH SAHIB	124	0	1	0	125
5.	FEROZEPUR	310	20	14	0	344
6.	GURDASPUR	649	3	3	1	656
7.	HOSHIARPUR	597	37	67	3	704
8.	JALANDHAR	1377	41	2	46	1466
9.	KAPURTHALA	558	20	181	27	786
10.	LUDHIANA	464	2	240	1	707
11.	MANSA	456	4	104	1	565
12.	PATIALA	116	32	1	0	149
13.	ROPAR	2086	47	196	5	2334
14.	SANGRUR	1216	80	228	5	1529

State Total :		10164	364	1050	93	11671

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : PUNJAB		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Temporary	Abandoned (Salinity)	Dugwells Not in Use Dried up	Destroyed	Others	Total (4 to 8)	Grand Total (3 + 9)
1	2	3	4	5	6	7	8	9	10
1.	AMRITSAR	1426	8	0	0	0	0	8	1434
2.	BATHINDA	362	3	1	0	0	0	4	366
3.	FARIDKOT	505	0	1	0	0	0	1	506
4.	FATEHGARH SAHIB	124	1	0	0	0	0	1	125
5.	FEROZEPUR	344	0	0	0	0	0	0	344
6.	GURDASPUR	652	3	1	0	0	0	4	656
7.	HOSHIARPUR	679	15	10	0	0	0	25	704
8.	JALANDHAR	1451	11	4	0	0	0	15	1466
9.	KAPURTHALA	753	31	1	0	0	1	33	786
10.	LUDHIANA	700	5	1	1	0	0	7	707
11.	MANSA	551	10	4	0	0	0	14	565
12.	PATIALA	148	1	0	0	0	0	1	149
13.	ROPAR	2310	17	5	1	0	1	24	2334
14.	SANGRUR	1506	20	3	0	0	0	23	1529
State Total :		11511	125	31	2	0	2	160	11671

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : PUNJAB		(in Nos.)					
		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	AMRITSAR	72	1353	9	0	0	1434
2.	BATHINDA	13	347	6	0	0	366
3.	FARIDKOT	37	427	40	0	1	505
4.	FATEHGARH SAHIB	0	123	1	0	0	124

5.	FEROZEPUR	235	109	0	0	0	344
6.	GURDASPUR	25	627	3	0	1	656
7.	HOSHIARPUR	195	494	14	0	0	703
8.	JALANDHAR	588	864	11	0	0	1463
9.	KAPURTHALA	18	739	25	2	2	786
10.	LUDHIANA	432	261	9	0	0	702
11.	MANSA	20	533	11	0	0	564
12.	PATIALA	21	128	0	0	0	149
13.	ROPAR	1308	867	146	10	0	2331
14.	SANGRUR	108	1396	19	0	0	1523
----- State Total :		3072	8268	294	12	4	11650

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : PUNJAB

(in Nos.)

----- According to Water Distribution System -----							
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8

1.	AMRITSAR	22	28	1384	0	0	1434
2.	BATHINDA	8	8	350	0	0	366
3.	FARIDKOT	2	1	503	0	0	506
4.	FATEHGARH SAHIB	0	0	124	1	0	125
5.	FEROZEPUR	0	0	344	0	0	344
6.	GURDASPUR	11	26	617	1	1	656
7.	HOSHIARPUR	22	15	667	0	0	704
8.	JALANDHAR	13	22	1425	2	4	1466
9.	KAPURTHALA	23	13	748	1	1	786
10.	LUDHIANA	16	2	679	10	0	707
11.	MANSA	8	24	533	0	0	565
12.	PATIALA	0	1	148	0	0	149
13.	ROPAR	16	45	2259	7	7	2334
14.	SANGRUR	17	19	1490	1	2	1529
----- State Total :		158	204	11271	23	15	11671

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : PUNJAB

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AMRITSAR	1310	32	75	1	15	1	1434
2.	BATHINDA	196	79	1	0	83	7	366
3.	FARIDKOT	62	441	0	0	0	3	506
4.	FATEHGARH SAHIB	94	31	0	0	0	0	125
5.	FEROZEPUR	269	75	0	0	0	0	344
6.	GURDASPUR	504	28	104	2	17	1	656
7.	HOSHIARPUR	376	289	24	1	13	1	704
8.	JALANDHAR	1178	270	9	2	7	0	1466
9.	KAPURTHALA	442	320	11	1	12	0	786
10.	LUDHIANA	534	161	4	0	8	0	707
11.	MANSA	62	471	3	0	0	29	565
12.	PATIALA	94	55	0	0	0	0	149
13.	ROPAR	858	1256	9	1	176	34	2334
14.	SANGRUR	1022	468	29	1	8	1	1529
State Total :		7001	3976	269	9	339	77	11671

MINOR IRRIGATION CENSUS (1993-94)**DUGWELLS (COMPLETED) SCHEDULE A-1****Table 1.10 Dugwells according to horse power**

State : PUNJAB

(in Nos.)

According to horse power of lifting devices									
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	AMRITSAR	79	486	788	24	18	24	15	1434
2.	BATHINDA	6	8	163	17	9	80	83	366
3.	FARIDKOT	2	12	34	393	57	8	0	506
4.	FATEHGARH SAHIB	1	6	59	35	15	9	0	125
5.	FEROZEPUR	0	24	231	89	0	0	0	344
6.	GURDASPUR	99	210	280	15	4	31	17	656
7.	HOSHIARPUR	22	152	304	180	5	28	13	704
8.	JALANDHAR	93	454	608	282	5	17	7	1466
9.	KAPURTHALA	75	176	365	134	5	19	12	786

10.	LUDHIANA	120	138	388	45	2	6	8	707
11.	MANSA	3	3	285	253	9	12	0	565
12.	PATIALA	0	2	100	44	0	3	0	149
13.	ROPAR	58	325	683	1052	27	13	176	2334
14.	SANGRUR	167	42	1041	212	16	43	8	1529
State Total :		725	2038	5329	2775	172	293	339	11671

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : PUNJAB (in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	AMRITSAR	806	628	1434	121	236	1050	21	0	6	1434
2.	BATHINDA	110	256	366	116	67	179	0	1	3	366
3.	FARIDKOT	504	2	506	47	447	12	0	0	0	506
4.	FATEHGARH SAHIB	125	0	125	6	51	68	0	0	0	125
5.	FEROZEPUR	74	270	344	2	189	153	0	0	0	344
6.	GURDASPUR	214	442	656	153	73	416	9	1	4	656
7.	HOSHIARPUR	232	472	704	65	237	387	15	0	0	704
8.	JALANDHAR	228	1238	1466	77	513	864	4	3	5	1466
9.	KAPURTHALA	358	428	786	102	535	143	3	0	3	786
10.	LUDHIANA	272	435	707	126	315	263	3	0	0	707
11.	MANSA	378	187	565	20	328	217	0	0	0	565
12.	PATIALA	11	138	149	0	2	138	0	0	9	149
13.	ROPAR	1318	1016	2334	234	1110	911	67	11	1	2334
14.	SANGRUR	757	772	1529	91	566	864	6	0	2	1529
State Total :		5387	6284	11671	1160	4669	5665	128	16	33	11671

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : PUNJAB (in Mts.)

Sl. No.	Name of District	Total Number of	Average length of channels		
			Pucca	Kuccha	Under ground

No.		Schemes	Channel	Channel	Channel
1	2	3	4	5	6
1.	AMRITSAR	1434	7	311	8
2.	BATHINDA	366	32	217	18
3.	FARIDKOT	506	12	279	9
4.	FATEHGARH SAHIB	125	1	326	0
5.	FEROZEPUR	344	0	149	0
6.	GURDASPUR	656	16	245	29
7.	HOSHIARPUR	704	6	197	12
8.	JALANDHAR	1466	0	335	4
9.	KAPURTHALA	786	2	192	1
10.	LUDHIANA	707	3	204	4
11.	MANSA	565	36	348	4
12.	PATIALA	149	0	171	2
13.	ROPAR	2334	1	252	10
14.	SANGRUR	1529	2	265	3
State Average:		11671	10	249	8

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : PUNJAB		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7	8
1.	AMRITSAR	7529	6478	6544	401	362	13785
2.	BATHINDA	2190	1799	2244	113	32	4188
3.	FARIDKOT	1804	2194	2256	4	2	4456
4.	FATEHGARH SAHIB	534	508	511	26	0	1045
5.	FEROZEPUR	1036	1017	1017	1	28	2063
6.	GURDASPUR	4106	3989	4079	208	46	8322
7.	HOSHIARPUR	1924	1701	2009	152	35	3897
8.	JALANDHAR	4791	8245	4323	365	67	13000
9.	KAPURTHALA	2972	2689	3650	57	30	6426
10.	LUDHIANA	2760	2069	2727	34	0	4830
11.	MANSA	3902	2126	4268	11	0	6405
12.	PATIALA	485	379	463	22	2	866
13.	ROPAR	6636	4425	6367	204	137	11133
14.	SANGRUR	7917	6163	7843	149	106	14261
State Total :		48586	43782	48301	1747	847	94677

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : PUNJAB

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	AMRITSAR	5874	5986	323	307	12490
2.	BATHINDA	1519	1690	13	3	3225
3.	FARIDKOT	2108	2115	1	0	4224
4.	FATEHGARH SAHIB	491	486	23	0	1000
5.	FEROZEPUR	1016	1015	0	27	2058
6.	GURDASPUR	3447	3472	94	40	7053
7.	HOSHIARPUR	1570	1618	101	5	3294
8.	JALANDHAR	3995	4082	316	48	8441
9.	KAPURTHALA	2424	3125	31	14	5594
10.	LUDHIANA	1854	2163	28	0	4045
11.	MANSA	1999	4202	8	0	6209
12.	PATIALA	344	294	11	0	649
13.	ROPAR	4221	5898	171	98	10388
14.	SANGRUR	5306	5218	71	35	10630
State Total :		36168	41364	1191	577	79300

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : PUNJAB

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	AMRITSAR	1746	1565	32	53	3396
2.	BATHINDA	433	425	0	3	861
3.	FARIDKOT	1298	1311	4	0	2613
4.	FATEHGARH SAHIB	0	0	0	0	0
5.	FEROZEPUR	159	159	0	9	327

6.	GURDASPUR	150	147	11	0	308
7.	HOSHIARPUR	215	208	32	0	455
8.	JALANDHAR	59	60	7	14	140
9.	KAPURTHALA	4	7	3	0	14
10.	LUDHIANA	3	3	0	0	6
11.	MANSA	1541	1593	5	0	3139
12.	PATIALA	59	59	0	0	118
13.	ROPAR	3	6	0	5	14
14.	SANGRUR	1667	1722	108	9	3506

State Total :		7337	7265	202	93	14897

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : PUNJAB		(in Nos.)							
Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created				Grand Total	
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason		Total (5 to 8)
1	2	3	4	5	6	7	8	9	10
1.	AMRITSAR	1426	0	1240	1	2	183	1426	1426
2.	BATHINDA	362	0	293	0	0	69	362	362
3.	FARIDKOT	505	0	280	0	0	225	505	505
4.	FATEHGARH SAHIB	124	0	40	0	0	84	124	124
5.	FEROZEPUR	344	0	337	7	0	0	344	344
6.	GURDASPUR	652	0	584	0	0	68	652	652
7.	HOSHIARPUR	679	0	372	0	24	283	679	679
8.	JALANDHAR	1451	0	915	1	1	534	1451	1451
9.	KAPURTHALA	753	0	332	56	1	364	753	753
10.	LUDHIANA	700	0	421	1	1	277	700	700
11.	MANSA	551	0	51	7	1	492	551	551
12.	PATIALA	148	0	147	1	0	0	148	148
13.	ROPAR	2310	0	1875	2	208	225	2310	2310
14.	SANGRUR	1506	0	836	0	0	670	1506	1506
State Total :		11511	0	7723	76	238	3474	11511	11511

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : RAJASTHAN (in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	AJMER	43417	1357	1357	890	675	555	440	284	48975
2.	ALWAR	51389	2594	3650	3455	2062	1258	550	653	65611
3.	BANSWARA	8603	779	606	495	726	424	317	194	12144
4.	BARAN	16621	1359	1296	1288	1044	1033	579	664	23884
5.	BARMER	5224	1298	957	1110	1291	1252	973	1329	13434
6.	BHARATPUR	11100	278	230	214	227	194	112	130	12485
7.	BHILWARA	87054	2599	2845	1952	1700	1385	1088	846	99469
8.	BIKANER	18	1	0	1	6	7	48	140	221
9.	BUNDI	19167	630	522	569	449	312	270	227	22146
10.	CHITTORGARH	59583	3780	3904	3040	2735	2424	2208	2159	79833
11.	CHURU	382	116	131	113	110	272	469	261	1854
12.	DAUSA	28575	1734	1543	1083	1017	843	754	891	36440
13.	DHOLPUR	11576	1140	1292	678	576	373	212	368	16215
14.	DUNGARPUR	10480	2776	1118	543	455	251	178	180	15981
15.	HANUMANGARH	170	254	245	190	96	72	48	14	1089
16.	JAIPUR	89712	4631	4361	2844	2459	2517	1622	1507	109653
17.	JAISALMER	71	2	2	2	78	12	28	17	212
18.	JALORE	30182	2171	2103	1939	2261	1993	1402	1163	43214
19.	JHALAWAR	43844	2815	2737	2090	1949	1817	1447	1222	57921
20.	JHUNJHNU	16075	2117	2645	1770	1554	1383	1222	853	27619
21.	JODHPUR	6761	580	642	736	660	428	385	317	10509
22.	KOTA	11985	471	475	402	332	624	400	776	15465
23.	NAGAU	17920	1670	1532	1206	1302	939	570	697	25836
24.	PALI	39257	725	734	374	297	262	275	255	42179
25.	RAJSAMAND	42398	1498	1562	942	787	715	591	621	49114
26.	SAWAI-MADHOPUR	37829	2728	1915	1597	1331	1100	1199	1026	48725
27.	SIKAR	32968	2307	2744	3061	1828	1426	840	751	45925
28.	SIROHI	12193	810	629	513	468	433	255	295	15596
29.	TONK	36664	1529	1279	976	615	504	473	499	42539
30.	UDAIPUR	46697	2480	2200	1661	1685	2043	1119	904	58789
* State Total :		817915	47229	45256	35734	30775	26851	20074	19243	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : RAJASTHAN

(in Nos.)

Dugwells Owned by

Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AJMER	2934	51	113	32959	12474	444	48975
2.	ALWAR	1614	10	25	45827	18063	72	65611
3.	BANSWARA	315	12	63	5618	6125	11	12144
4.	BARAN	902	12	143	13215	9538	74	23884
5.	BARMER	28	6	57	6103	7189	51	13434
6.	BHARATPUR	747	6	152	7794	3744	42	12485
7.	BHILWARA	2323	68	100	72699	24120	159	99469
8.	BIKANER	0	0	0	10	211	0	221
9.	BUNDI	628	13	33	14941	6467	64	22146
10.	CHITTORGARH	1388	54	103	52434	25767	87	79833
11.	CHURU	0	1	1	442	1405	5	1854
12.	DAUSA	683	35	143	25863	9613	103	36440
13.	DHOLPUR	1361	47	3	9353	5430	21	16215
14.	DUNGARPUR	23	4	0	8206	7746	2	15981
15.	HANUMANGARH	0	0	0	35	1054	0	1089
16.	JAIPUR	2545	104	123	74689	31973	219	109653
17.	JAISALMER	0	0	0	44	165	3	212
18.	JALORE	263	21	102	26438	16316	74	43214
19.	JHALAWAR	901	38	153	33751	22987	91	57921
20.	JHUNJHNU	813	11	53	17649	8838	255	27619
21.	JODHPUR	73	14	27	6552	3819	24	10509
22.	KOTA	1497	24	24	5879	7990	51	15465
23.	NAGAU	387	7	12	15048	10334	48	25836
24.	PALI	763	23	36	32838	8347	172	42179
25.	RAJSAMAND	918	26	29	35047	12967	127	49114
26.	SAWAI-MADHOPUR	1175	30	93	35446	11900	81	48725
27.	SIKAR	1383	45	270	29891	14131	205	45925
28.	SIROHI	128	10	27	11619	3755	57	15596
29.	TONK	2051	53	64	27179	13099	93	42539
30.	UDAIPUR	1343	24	78	40908	16292	144	58789
* State Total :		27186	749	2027	688477	321859	2779	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : RAJASTHAN

(in Nos.)

According to Farmers' Holding size

Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
1	2	3	4	5	6	7
1.	AJMER	3755	9426	27599	4653	45433
2.	ALWAR	5121	11020	46134	1615	63890
3.	BANSWARA	1728	2922	6910	183	11743
4.	BARAN	2189	4337	15098	1129	22753
5.	BARMER	262	649	8437	3944	13292
6.	BHARATPUR	724	2022	7846	946	11538
7.	BHILWARA	9525	15095	68406	3793	96819
8.	BIKANER	1	3	164	53	221
9.	BUNDI	1663	3339	15681	725	21408
10.	CHITTORGARH	8751	15353	50619	3478	78201
11.	CHURU	66	168	1395	218	1847
12.	DAUSA	3460	8327	21527	2162	35476
13.	DHOLPUR	2151	4687	7579	366	14783
14.	DUNGARPUR	2613	5588	7414	337	15952
15.	HANUMANGARH	26	130	781	152	1089
16.	JAIPUR	10482	19179	71286	5715	106662
17.	JAISALMER	14	12	106	77	209
18.	JALORE	1292	2721	30705	8036	42754
19.	JHALAWAR	4465	10282	37958	4033	56738
20.	JHUNJHNU	1111	3512	20336	1528	26487
21.	JODHPUR	336	788	7381	1866	10371
22.	KOTA	2257	2980	7658	974	13869
23.	NAGAU	1000	2583	18762	3037	25382
24.	PALI	6911	5302	23567	5405	41185
25.	RAJSAMAND	11091	11373	23366	2184	48014
26.	SAWAI-MADHOPUR	2343	6159	36021	2823	47346
27.	SIKAR	1525	5486	34793	2218	44022
28.	SIROHI	853	2205	10450	1866	15374
29.	TONK	3162	8759	24899	3458	40278
30.	UDAIPUR	4991	10419	38479	3311	57200
* State Total :		93868	174826	671357	70285	1010336

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : RAJASTHAN

(in Nos.)

According to Social Status of farmers	Owned by other than	Grand Total
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Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)	ind./group of farmers	(6 + 7)
1	2	3	4	5	6	7	8
1.	AJMER	4524	2203	38706	45433	3542	48975
2.	ALWAR	2889	4558	56443	63890	1721	65611
3.	BANSWARA	565	4521	6657	11743	401	12144
4.	BARAN	1735	2381	18637	22753	1131	23884
5.	BARMER	1242	403	11647	13292	142	13434
6.	BHARATPUR	753	484	10301	11538	947	12485
7.	BHILWARA	7271	6495	83053	96819	2650	99469
8.	BIKANER	15	1	205	221	0	221
9.	BUNDI	1477	3067	16864	21408	738	22146
10.	CHITTORGARH	7204	11714	59283	78201	1632	79833
11.	CHURU	228	24	1595	1847	7	1854
12.	DAUSA	3842	12204	19430	35476	964	36440
13.	DHOLPUR	1727	1052	12004	14783	1432	16215
14.	DUNGARPUR	375	9766	5811	15952	29	15981
15.	HANUMANGARH	72	6	1011	1089	0	1089
16.	JAIPUR	8581	7734	90347	106662	2991	109653
17.	JAISALMER	13	0	196	209	3	212
18.	JALORE	3613	1367	37774	42754	460	43214
19.	JHALAWAR	4421	4062	48255	56738	1183	57921
20.	JHUNJHNU	1380	353	24754	26487	1132	27619
21.	JODHPUR	693	244	9434	10371	138	10509
22.	KOTA	1357	1572	10940	13869	1596	15465
23.	NAGAUR	2035	210	23137	25382	454	25836
24.	PALI	2926	2635	35624	41185	994	42179
25.	RAJSAMAND	4161	3368	40485	48014	1100	49114
26.	SAWAI-MADHOPUR	3445	8179	35722	47346	1379	48725
27.	SIKAR	2671	862	40489	44022	1903	45925
28.	SIROHI	2225	2709	10440	15374	222	15596
29.	TONK	5042	4450	30786	40278	2261	42539
30.	UDAIPUR	3969	7191	46040	57200	1589	58789
* State Total :		80451	103815	826070	1010336	32741	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : RAJASTHAN		(in Nos.)				
		Type of Dugwells				
Sl.	Name of District	Pucca	Kuchcha	Dug-cum	Others	Total

No.	Borewell (3 to 6)					
1	2	3	4	5	6	7
1.	AJMER	45705	1393	1766	111	48975
2.	ALWAR	54015	2831	8508	257	65611
3.	BANSWARA	8796	2919	405	24	12144
4.	BARAN	21137	1138	1583	26	23884
5.	BARMER	10037	679	2713	5	13434
6.	BHARATPUR	11362	813	299	11	12485
7.	BHILWARA	88901	6926	3441	201	99469
8.	BIKANER	144	0	77	0	221
9.	BUNDI	19346	2562	207	31	22146
10.	CHITTORGARH	63711	11939	4093	90	79833
11.	CHURU	1062	62	727	3	1854
12.	DAUSA	31507	2252	2635	46	36440
13.	DHOLPUR	9880	1518	4763	54	16215
14.	DUNGARPUR	7617	8326	35	3	15981
15.	HANUMANGARH	149	412	525	3	1089
16.	JAIPUR	90734	9624	8978	317	109653
17.	JAISALMER	102	0	110	0	212
18.	JALORE	34298	2992	5895	29	43214
19.	JHALAWAR	46267	10369	1232	53	57921
20.	JHUNJHNU	18179	961	8445	34	27619
21.	JODHPUR	7400	384	2718	7	10509
22.	KOTA	13207	1499	714	45	15465
23.	NAGAU	21772	391	3649	24	25836
24.	PALI	37997	3721	391	70	42179
25.	RAJSAMAND	40771	7856	456	31	49114
26.	SAWAI-MADHOPUR	45636	1847	1118	124	48725
27.	SIKAR	38203	496	7163	63	45925
28.	SIROHI	13007	2266	320	3	15596
29.	TONK	40625	735	1127	52	42539
30.	UDAIPUR	45408	11618	1651	112	58789
* State Total :		866975	98529	75744	1829	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : RAJASTHAN

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use					Grand
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others	Total (4 to 8)

1	2	3	4	5	6	7	8	9	10
1.	AJMER	35567	12540	161	582	72	53	13408	48975
2.	ALWAR	56404	8951	114	67	57	18	9207	65611
3.	BANSWARA	6078	5544	55	192	68	207	6066	12144
4.	BARAN	18019	5515	52	217	36	45	5865	23884
5.	BARMER	12295	1008	118	9	0	4	1139	13434
6.	BHARATPUR	4163	8265	16	4	31	6	8322	12485
7.	BHILWARA	72165	26615	205	291	115	78	27304	99469
8.	BIKANER	219	2	0	0	0	0	2	221
9.	BUNDI	17695	4421	17	9	2	2	4451	22146
10.	CHITTORGARH	69702	9735	87	210	61	38	10131	79833
11.	CHURU	1715	138	1	0	0	0	139	1854
12.	DAUSA	29885	6288	48	170	11	38	6555	36440
13.	DHOLPUR	10964	5135	24	44	19	29	5251	16215
14.	DUNGARPUR	13316	2391	10	56	33	175	2665	15981
15.	HANUMANGARH	1087	2	0	0	0	0	2	1089
16.	JAIPUR	86012	22871	239	358	118	55	23641	109653
17.	JAISALMER	202	10	0	0	0	0	10	212
18.	JALORE	35438	7280	172	225	16	83	7776	43214
19.	JHALAWAR	50418	7303	51	113	31	5	7503	57921
20.	JHUNJHNU	22744	4013	58	156	55	593	4875	27619
21.	JODHPUR	8675	1799	12	21	1	1	1834	10509
22.	KOTA	12469	2918	17	19	34	8	2996	15465
23.	NAGAU	21324	4368	34	81	20	9	4512	25836
24.	PALI	30411	11268	228	211	24	37	11768	42179
25.	RAJSAMAND	37600	11122	165	181	21	25	11514	49114
26.	SAWAI-MADHOPUR	36879	10495	64	1219	36	32	11846	48725
27.	SIKAR	34171	11110	95	432	65	52	11754	45925
28.	SIROHI	14295	1268	9	19	3	2	1301	15596
29.	TONK	34460	7703	142	177	37	20	8079	42539
30.	UDAIPUR	45660	12873	56	121	45	34	13129	58789
* State Total :		820032	212951	2250	5184	1011	1649	223045	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : RAJASTHAN

(in Nos.)

		Source of Finance for constructing Dugwells						
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total	(3 to 7)
1	2	3	4	5	6	7	8	

1.	AJMER	41522	2321	615	270	1313	46041
2.	ALWAR	58672	4348	350	125	502	63997
3.	BANSWARA	9920	920	206	682	101	11829
4.	BARAN	19123	2315	768	232	544	22982
5.	BARMER	9101	2590	480	986	249	13406
6.	BHARATPUR	10962	339	247	60	130	11738
7.	BHILWARA	90730	3608	1588	519	701	97146
8.	BIKANER	33	73	104	5	6	221
9.	BUNDI	20126	1075	217	36	64	21518
10.	CHITTORGARH	72007	4292	1531	217	398	78445
11.	CHURU	735	541	466	32	80	1854
12.	DAUSA	33561	1428	498	193	77	35757
13.	DHOLPUR	13454	816	360	64	160	14854
14.	DUNGARPUR	10677	1241	1834	1690	516	15958
15.	HANUMANGARH	983	99	6	0	1	1089
16.	JAIPUR	101291	3010	1551	435	821	107108
17.	JAISALMER	92	64	31	25	0	212
18.	JALORE	38861	2640	871	203	376	42951
19.	JHALAWAR	51009	2977	1348	461	1225	57020
20.	JHUNJHNU	23533	2317	281	140	535	26806
21.	JODHPUR	8479	1101	306	399	151	10436
22.	KOTA	11515	1794	139	105	415	13968
23.	NAGAU	22159	1748	586	319	637	25449
24.	PALI	39735	991	359	141	190	41416
25.	RAJSAMAND	45611	1796	572	116	101	48196
26.	SAWAI-MADHOPUR	41840	3840	1139	329	402	47550
27.	SIKAR	35728	4747	1815	522	1730	44542
28.	SIROHI	12946	1765	536	139	82	15468
29.	TONK	35737	3306	832	160	453	40488
30.	UDAIPUR	53341	2526	846	257	476	57446
* State Total :		913483	60628	20482	8862	12436	1015891

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : RAJASTHAN

(in Nos.)

		According to Water Distribution System					
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8

1.	AJMER	8954	195	33135	984	5707	48975
2.	ALWAR	1202	253	49671	637	13848	65611
3.	BANSWARA	1729	229	6345	409	3432	12144
4.	BARAN	7904	214	13234	792	1740	23884
5.	BARMER	3275	258	9125	583	193	13434
6.	BHARATPUR	542	45	3594	137	8167	12485
7.	BHILWARA	9154	675	68282	1560	19798	99469
8.	BIKANER	183	35	2	0	1	221
9.	BUNDI	895	111	17311	228	3601	22146
10.	CHITTORGARH	10262	716	60872	768	7215	79833
11.	CHURU	857	813	172	12	0	1854
12.	DAUSA	5238	129	29247	471	1355	36440
13.	DHOLPUR	1946	66	13501	42	660	16215
14.	DUNGARPUR	95	44	13007	418	2417	15981
15.	HANUMANGARH	3	21	1064	1	0	1089
16.	JAIPUR	6484	656	78408	2434	21671	109653
17.	JAISALMER	3	1	167	40	1	212
18.	JALORE	6349	1192	29585	1696	4392	43214
19.	JHALAWAR	8364	345	42996	460	5756	57921
20.	JHUNJHNU	16371	3512	6404	307	1025	27619
21.	JODHPUR	3114	117	5684	621	973	10509
22.	KOTA	216	42	10733	436	4038	15465
23.	NAGAU	8844	410	14074	640	1868	25836
24.	PALI	2520	158	34510	474	4517	42179
25.	RAJSAMAND	4254	230	40947	333	3350	49114
26.	SAWAI-MADHOPUR	4646	920	32844	507	9808	48725
27.	SIKAR	25120	935	16221	3247	402	45925
28.	SIROHI	1057	54	13860	326	299	15596
29.	TONK	7426	216	29913	639	4345	42539
30.	UDAIPUR	2129	329	41006	895	14430	58789

* State Total : 149136 12921 715914 20097 145009 1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : RAJASTHAN

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AJMER	17355	15496	199	36	10719	5170	48975

2.	ALWAR	18033	35933	141	65	3833	7606	65611
3.	BANSWARA	4102	4932	13	7	889	2201	12144
4.	BARAN	13391	8568	154	5	1178	588	23884
5.	BARMER	5102	8151	29	2	146	4	13434
6.	BHARATPUR	2204	7986	24	7	634	1630	12485
7.	BHILWARA	33179	35067	268	131	21920	8904	99469
8.	BIKANER	217	4	0	0	0	0	221
9.	BUNDI	4486	7547	29	16	6880	3188	22146
10.	CHITTORGARH	24705	35521	226	74	14882	4425	79833
11.	CHURU	1750	42	0	0	42	20	1854
12.	DAUSA	15055	19169	90	15	890	1221	36440
13.	DHOLPUR	3217	12808	13	8	98	71	16215
14.	DUNGARPUR	2773	6672	61	5	4436	2034	15981
15.	HANUMANGARH	65	1011	11	1	0	1	1089
16.	JAIPUR	36625	47749	367	136	14432	10344	109653
17.	JAISALMER	111	44	7	0	50	0	212
18.	JALORE	18130	22644	108	32	519	1781	43214
19.	JHALAWAR	23483	22417	255	100	9262	2404	57921
20.	JHUNJHNU	23308	3470	64	8	485	284	27619
21.	JODHPUR	7411	2136	8	4	42	908	10509
22.	KOTA	5865	6617	83	7	130	2763	15465
23.	NAGAU	20166	3590	50	10	103	1917	25836
24.	PALI	13666	14631	154	57	6922	6749	42179
25.	RAJSAMAND	15512	15792	204	45	14730	2831	49114
26.	SAWAI-MADHOPUR	11325	28464	144	50	2897	5845	48725
27.	SIKAR	40618	4895	67	7	272	66	45925
28.	SIROHI	8045	6653	27	13	505	353	15596
29.	TONK	14742	19575	132	33	5034	3023	42539
30.	UDAIPUR	17047	24170	119	82	10502	6869	58789
* State Total :		401688	421754	3047	956	132432	83200	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : RAJASTHAN

(in Nos.)

		According to horse power of lifting devices							
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	AJMER	111	479	12146	8449	2494	1275	24021	48975
2.	ALWAR	227	1254	20253	29583	981	747	12566	65611

3.	BANSWARA	46	164	4091	1043	109	104	6587	12144
4.	BARAN	43	519	9061	2695	3647	1484	6435	23884
5.	BARMER	32	0	283	6268	4756	1070	1025	13434
6.	BHARATPUR	40	261	1762	1505	183	65	8669	12485
7.	BHILWARA	481	3220	27114	19918	2369	2175	44192	99469
8.	BIKANER	0	0	0	0	22	199	0	221
9.	BUNDI	124	992	6466	2789	414	244	11117	22146
10.	CHITTORGARH	349	4613	33010	10029	3401	2778	25653	79833
11.	CHURU	1	8	48	31	1407	236	123	1854
12.	DAUSA	87	222	9376	18109	1102	376	7168	36440
13.	DHOLPUR	6	16	88	7371	3092	120	5522	16215
14.	DUNGARPUR	127	1127	6619	1320	112	13	6663	15981
15.	HANUMANGARH	0	1	3	1015	66	0	4	1089
16.	JAIPUR	626	2980	38014	25963	2660	1498	37912	109653
17.	JAISALMER	0	0	3	0	58	91	60	212
18.	JALORE	233	150	4981	18500	9592	1895	7863	43214
19.	JHALAWAR	300	8976	21645	6080	2571	1284	17065	57921
20.	JHUNJHNU	1204	64	2136	4984	15799	517	2915	27619
21.	JODHPUR	34	52	768	1354	3739	2924	1638	10509
22.	KOTA	171	3400	8433	261	179	41	2980	15465
23.	NAGAU	164	76	2538	4656	7082	6846	4474	25836
24.	PALI	254	716	8646	11529	1894	702	18438	42179
25.	RAJSAMAND	210	4284	16183	2431	689	612	24705	49114
26.	SAWAI-MADHOPUR	324	340	11663	17534	3364	1426	14074	48725
27.	SIKAR	54	399	5989	10395	11441	6056	11591	45925
28.	SIROHI	26	196	4158	8346	871	362	1637	15596
29.	TONK	154	826	16169	7748	2796	1475	13371	42539
30.	UDAIPUR	251	1772	19312	9965	2023	1997	23469	58789

* State Total : 5679 37107 290958 239871 88913 38612 341937 1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : RAJASTHAN

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	AJMER	1077	47898	48975	31661	15855	1216	192	32	19	48975

2.	ALWAR	25	65586	65611	24405	36364	4542	152	30	118	65611
3.	BANSWARA	116	12028	12144	10349	1359	192	204	6	34	12144
4.	BARAN	261	23623	23884	11453	11499	705	194	25	8	23884
5.	BARMER	4	13430	13434	1615	6556	3568	1079	447	169	13434
6.	BHARATPUR	23	12462	12485	9660	2094	521	192	16	2	12485
7.	BHILWARA	554	98915	99469	66445	29425	2865	212	267	255	99469
8.	BIKANER	52	169	221	4	130	64	22	1	0	221
9.	BUNDI	85	22061	22146	11649	9053	1328	43	16	57	22146
10.	CHITTORGARH	1383	78450	79833	51706	25828	1924	46	113	216	79833
11.	CHURU	0	1854	1854	145	1467	186	48	7	1	1854
12.	DAUSA	625	35815	36440	12567	19789	3742	198	37	107	36440
13.	DHOLPUR	1145	15070	16215	8116	6267	1762	48	22	0	16215
14.	DUNGARPUR	5	15976	15981	13610	2216	118	8	11	18	15981
15.	HANUMANGARH	0	1089	1089	573	486	30	0	0	0	1089
16.	JAIPUR	536	109117	109653	67217	38146	3395	170	394	331	109653
17.	JAISALMER	0	212	212	83	61	8	60	0	0	212
18.	JALORE	93	43121	43214	12546	16580	8410	2917	1928	833	43214
19.	JHALAWAR	161	57760	57921	39927	16296	1270	123	112	193	57921
20.	JHUNJHNU	66	27553	27619	6009	21198	405	3	1	3	27619
21.	JODHPUR	93	10416	10509	2805	6933	537	120	86	28	10509
22.	KOTA	13	15452	15465	10298	4340	747	57	12	11	15465
23.	NAGAU	444	25392	25836	7194	17272	1219	51	90	10	25836
24.	PALI	596	41583	42179	28017	11563	2039	198	241	121	42179
25.	RAJSAMAND	1093	48021	49114	35231	12424	1214	72	95	78	49114
26.	SAWAI-MADHOPUR	157	48568	48725	30914	14990	2349	223	65	184	48725
27.	SIKAR	196	45729	45925	15076	30346	493	8	1	1	45925
28.	SIROHI	220	15376	15596	4539	8494	2061	248	159	95	15596
29.	TONK	1075	41464	42539	26265	14950	864	82	288	90	42539
30.	UDAIPUR	266	58523	58789	39371	16361	2166	362	362	167	58789

* State Total :		10364	1032713	1043077	579450	398342	49940	7332	4864	3149	1043077

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : RAJASTHAN		(in Mts.)			
Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	AJMER	48975	2	68	7
2.	ALWAR	65611	1	156	2

3.	BANSWARA	12144	0	35	1
4.	BARAN	23884	7	47	11
5.	BARMER	13434	14	323	24
6.	BHARATPUR	12485	1	22	0
7.	BHILWARA	99469	2	81	4
8.	BIKANER	221	55	1	22
9.	BUNDI	22146	2	61	2
10.	CHITTORGARH	79833	3	50	3
11.	CHURU	1854	70	8	10
12.	DAUSA	36440	2	128	6
13.	DHOLPUR	16215	1	130	1
14.	DUNGARPUR	15981	2	63	5
15.	HANUMANGARH	1089	5	152	1
16.	JAIPUR	109653	2	92	13
17.	JAISALMER	212	19	222	45
18.	JALORE	43214	11	192	12
19.	JHALAWAR	57921	2	52	3
20.	JHUNJHNU	27619	51	48	13
21.	JODHPUR	10509	22	313	48
22.	KOTA	15465	1	31	1
23.	NAGAU	25836	7	172	14
24.	PALI	42179	2	118	7
25.	RAJSAMAND	49114	1	64	3
26.	SAWAI-MADHOPUR	48725	5	103	3
27.	SIKAR	45925	12	40	16
28.	SIROHI	15596	5	179	7
29.	TONK	42539	5	68	4
30.	UDAIPUR	58789	10	90	9

* State Average: 1043077 11 103 10

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : RAJASTHAN

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8
1.	AJMER	104243	20973	107628	478	1161	130240
2.	ALWAR	206322	2504	206916	219	28	209667
3.	BANSWARA	12752	255	12962	16	0	13233
4.	BARAN	60083	16698	60335	294	2786	80113

5.	BARMER	92365	7103	91238	159	4412	102912
6.	BHARATPUR	14298	419	19380	65	33	19897
7.	BHILWARA	225713	12615	246506	1473	1380	261974
8.	BIKANER	1403	811	1170	0	0	1981
9.	BUNDI	56078	2047	55506	157	254	57964
10.	CHITTORGARH	177082	17025	198879	1907	2977	220788
11.	CHURU	9048	1181	8076	0	216	9473
12.	DAUSA	112002	6329	111189	994	821	119333
13.	DHOLPUR	52751	956	55613	272	44	56885
14.	DUNGARPUR	22567	1231	22123	53	598	24005
15.	HANUMANGARH	3911	53	5750	0	0	5803
16.	JAIPUR	269858	7633	297265	1870	219	306987
17.	JAISALMER	1763	701	1110	0	27	1838
18.	JALORE	246207	9430	247996	780	2842	261048
19.	JHALAWAR	134498	17340	166112	1093	2438	186983
20.	JHUNJHNU	104747	32996	124142	212	6660	164010
21.	JODHPUR	52323	8750	53342	40	2060	64192
22.	KOTA	32110	87	33777	158	15	34037
23.	NAGAU	129643	7169	152436	531	822	160958
24.	PALI	141725	5370	152489	735	62	158656
25.	RAJSAMAND	83343	5322	88393	1238	124	95077
26.	SAWAI-MADHOPUR	128014	8362	139296	441	764	148863
27.	SIKAR	154843	63049	149824	444	9638	222955
28.	SIROHI	84778	17591	89634	945	7770	115940
29.	TONK	106010	18190	99922	1215	2690	122017
30.	UDAIPUR	156399	4278	169861	3421	7117	184677

* State Total :		2976879	296468	3168870	19210	57958	3542506

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : RAJASTHAN

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7

1.	AJMER	7943	86709	316	728	95696
2.	ALWAR	859	202937	109	2	203907
3.	BANSWARA	156	11015	207	1	11379
4.	BARAN	8030	47888	818	1772	58508
5.	BARMER	2924	72696	150	905	76675

6.	BHARATPUR	199	17429	83	6	17717
7.	BHILWARA	6793	229294	2173	946	239206
8.	BIKANER	644	1016	0	0	1660
9.	BUNDI	1552	53941	439	242	56174
10.	CHITTORGARH	11734	180669	3319	1644	197366
11.	CHURU	999	7484	1	169	8653
12.	DAUSA	4493	105370	965	323	111151
13.	DHOLPUR	357	50779	7	82	51225
14.	DUNGARPUR	681	15910	104	506	17201
15.	HANUMANGARH	0	5178	0	0	5178
16.	JAIPUR	4791	279119	3046	163	287119
17.	JAISALMER	247	1046	0	2	1295
18.	JALORE	6703	235215	2232	2105	246255
19.	JHALAWAR	7560	143641	1940	1180	154321
20.	JHUNJHNU	13775	103745	276	4616	122412
21.	JODHPUR	6067	47189	93	1125	54474
22.	KOTA	304	32137	146	3	32590
23.	NAGAU	5941	139585	1511	439	147476
24.	PALI	1642	137167	716	42	139567
25.	RAJSAMAND	3901	79512	1399	116	84928
26.	SAWAI-MADHOPUR	2796	130253	512	327	133888
27.	SIKAR	31999	120137	354	5160	157650
28.	SIROHI	13805	78007	868	6870	99550
29.	TONK	11177	92261	1163	1996	106597
30.	UDAIPUR	2526	162939	958	253	166676

* State Total :		160598	2870268	23905	31723	3086494

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : RAJASTHAN		(in Ha.)				

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perenial	Others	Total

1	2	3	4	5	6	7

1.	AJMER	23	108	0	68	199
2.	ALWAR	0	613	0	0	613
3.	BANSWARA	0	0	0	0	0
4.	BARAN	98	245	0	18	361
5.	BARMER	1	3019	0	0	3020
6.	BHARATPUR	0	31	0	0	31

7.	BHILWARA	7	76	4	0	87
8.	BIKANER	88	151	0	0	239
9.	BUNDI	0	1	0	9	10
10.	CHITTORGARH	61	362	0	59	482
11.	CHURU	102	391	0	12	505
12.	DAUSA	26	2619	0	10	2655
13.	DHOLPUR	0	46	0	0	46
14.	DUNGARPUR	0	125	0	0	125
15.	HANUMANGARH	0	0	0	0	0
16.	JAIPUR	3	76	0	0	79
17.	JAISALMER	0	2	0	0	2
18.	JALORE	23	67	0	0	90
19.	JHALAWAR	30	278	0	15	323
20.	JHUNJHNU	214	148	114	9	485
21.	JODHPUR	28	596	0	0	624
22.	KOTA	0	370	0	0	370
23.	NAGAU	0	129	0	0	129
24.	PALI	5	329	0	0	334
25.	RAJSAMAND	10	358	0	1	369
26.	SAWAI-MADHOPUR	5	462	0	0	467
27.	SIKAR	146	297	0	91	534
28.	SIROHI	0	0	0	0	0
29.	TONK	12	687	4	3	706
30.	UDAIPUR	8	92	0	0	100

* State Total : 890 11678 122 295 12985

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : RAJASTHAN

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	AJMER	35567	9489	1390	96	20768	3824	26078	35567
2.	ALWAR	56404	55536	0	1	829	38	868	56404
3.	BANSWARA	6078	5706	0	0	196	176	372	6078
4.	BARAN	18019	12807	2828	331	1410	643	5212	18019
5.	BARMER	12295	8275	1256	875	829	1060	4020	12295
6.	BHARATPUR	4163	4109	41	0	2	11	54	4163
7.	BHILWARA	72165	68246	1377	86	2047	409	3919	72165

8.	BIKANER	219	106	86	4	1	22	113	219
9.	BUNDI	17695	17440	148	14	74	19	255	17695
10.	CHITTORGARH	69702	62787	2981	243	2932	759	6915	69702
11.	CHURU	1715	1238	378	2	62	35	477	1715
12.	DAUSA	29885	26111	588	185	2585	416	3774	29885
13.	DHOLPUR	10964	9180	334	175	999	276	1784	10964
14.	DUNGARPUR	13316	6979	144	228	5316	649	6337	13316
15.	HANUMANGARH	1087	1059	0	4	18	6	28	1087
16.	JAIPUR	86012	83867	380	34	1517	214	2145	86012
17.	JAISALMER	202	61	86	2	0	53	141	202
18.	JALORE	35438	31405	1445	174	1699	715	4033	35438
19.	JHALAWAR	50418	44590	2108	76	2445	1199	5828	50418
20.	JHUNJHNU	22744	10544	5331	756	3494	2619	12200	22744
21.	JODHPUR	8675	5488	1591	141	1263	192	3187	8675
22.	KOTA	12469	12433	2	1	33	0	36	12469
23.	NAGAU	21324	19218	1005	73	814	214	2106	21324
24.	PALI	30411	29266	50	25	895	175	1145	30411
25.	RAJSAMAND	37600	35393	128	18	1909	152	2207	37600
26.	SAWAI-MADHOPUR	36879	35705	900	5	119	150	1174	36879
27.	SIKAR	34171	15071	10230	892	4874	3104	19100	34171
28.	SIROHI	14295	9082	837	231	3493	652	5213	14295
29.	TONK	34460	28099	2170	212	3138	841	6361	34460
30.	UDAIPUR	45660	43317	200	28	1493	622	2343	45660

* State Total :	820032	692607	38014	4912	65254	19245	127425	820032
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* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : TAMIL NADU

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	COIMBATORE	79045	3090	1375	777	332	261	181	178	85239
2.	CUDDALORE	9449	591	544	335	211	71	34	40	11275
3.	DHARMAPURI	76507	10362	4880	2839	1731	718	552	281	97870
4.	DINDIGUL	56653	4665	2015	2369	2683	740	416	114	69655
5.	ERODE	89191	6075	2984	1095	691	422	214	153	100825
6.	KANCHIPURAM	37874	2675	1568	811	486	361	283	162	44220

7.	KANNIYAKUMARI	1929	143	55	83	41	46	23	50	2370
8.	KARUR	33003	459	202	187	142	74	152	55	34274
9.	MADURAI	33751	1558	1145	518	538	172	95	797	38574
10.	NAGAPATTINAM	6436	421	312	459	262	206	148	358	8602
11.	NAMAKKAL	39413	308	245	144	205	371	2	6	40694
12.	PERAMBALUR	40629	2205	1046	510	340	310	172	180	45392
13.	PUDUKOTTAI	26738	2429	1846	1180	613	441	249	254	33750
14.	RAMNATHAPURAM	3903	492	464	247	344	262	130	162	6004
15.	SALEM	39397	3756	1556	6408	5783	3297	149	915	61261
16.	SIVAGANGA	8382	1008	633	522	292	161	111	109	11218
17.	THANJAVUR	2766	485	742	468	358	207	138	72	5236
18.	THE NILGIRIS	1	1	0	0	0	0	0	254	256
19.	THENI	15732	1268	749	575	249	116	103	54	18846
20.	THOOTHUGUDI	19992	602	334	255	225	71	64	51	21594
21.	TIRUNELVELI	63612	2481	1316	604	259	112	102	106	68592
22.	TIRUVALLUR	19361	1778	659	429	477	223	259	130	23316
23.	TIRUVANNAMALAI	117201	11244	6527	2666	1359	598	400	4137	144132
24.	TIRUVARUR	11	18	6	12	20	0	2	0	69
25.	TRICHIRAPPALLI	59099	2254	956	541	479	282	259	322	64192
26.	VELLORE	88031	3665	1924	866	545	318	313	829	96491
27.	VILLUPURAM	76455	5600	3362	1863	1707	1034	544	44571	135136
28.	VIRUDHUNAGAR	38160	878	832	466	154	66	90	59	40705
State Total :		1082721	70511	38277	27229	20526	10940	5185	54399	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : TAMIL NADU

(in Nos.)

Sl. No.	Name of District	Dugwells Owned by						
		Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	COIMBATORE	0	0	2	0	85225	12	85239
2.	CUDDALORE	45	18	25	790	10397	0	11275
3.	DHARMAPURI	690	249	271	22827	73563	270	97870
4.	DINDIGUL	42	423	1393	8782	27443	31572	69655
5.	ERODE	18	16	24	57824	40722	2221	100825

6.	KANCHIPURAM	136	43	277	2796	40837	131	44220
7.	KANNIYAKUMARI	4	0	32	25	2308	1	2370
8.	KARUR	1	3	3	272	33994	1	34274
9.	MADURAI	44	33	18	3307	35019	153	38574
10.	NAGAPATTINAM	31	1	106	0	8450	14	8602
11.	NAMAKKAL	0	0	2	61	40628	3	40694
12.	PERAMBALUR	283	1	0	1015	44093	0	45392
13.	PUDUKOTTAI	133	5	15	384	33130	83	33750
14.	RAMNATHAPURAM	4	4	8	163	5823	2	6004
15.	SALEM	0	0	2	0	61259	0	61261
16.	SIVAGANGA	15	1	1	147	11052	2	11218
17.	THANJAVUR	2	0	0	0	5233	1	5236
18.	THE NILGIRIS	19	0	0	0	237	0	256
19.	THENI	12	5	11	5845	12962	11	18846
20.	THOOTHUGUDI	246	87	41	5977	15155	88	21594
21.	TIRUNELVELI	183	43	431	22240	45285	410	68592
22.	TIRUVALLUR	7	0	0	113	23183	13	23316
23.	TIRUVANNAMALAI	18	37	104	16493	127434	46	144132
24.	TIRUVARUR	0	4	0	0	65	0	69
25.	TRICHIRAPPALLI	16	2	8	3563	60554	49	64192
26.	VELLORE	44	35	9	24872	71459	72	96491
27.	VILLUPURAM	35	1	1	3657	131431	11	135136
28.	VIRUDHUNAGAR	205	12	64	4207	29583	6634	40705
----- State Total :		2233	1023	2848	185360	1076524	41800	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : TAMIL NADU

(in Nos.)

----- According to Farmers' Holding size -----						
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)

1	2	3	4	5	6	7

1.	COIMBATORE	20775	25879	35958	2613	85225
2.	CUDDALORE	4943	3545	2543	156	11187
3.	DHARMAPURI	55083	27899	12849	559	96390

4.	DINDIGUL	18110	9715	7940	460	36225
5.	ERODE	29879	31754	34905	2008	98546
6.	KANCHIPURAM	24548	11309	7316	460	43633
7.	KANNIYAKUMARI	1660	357	305	11	2333
8.	KARUR	19092	9568	5497	109	34266
9.	MADURAI	23647	10719	3739	221	38326
10.	NAGAPATTINAM	5263	2013	1082	92	8450
11.	NAMAKKAL	23868	9557	7059	205	40689
12.	PERAMBALUR	26835	12323	5369	581	45108
13.	PUDUKOTTAI	20652	8352	4203	307	33514
14.	RAMNATHAPURAM	3527	1506	892	61	5986
15.	SALEM	36361	18138	6540	220	61259
16.	SIVAGANGA	6195	3095	1731	178	11199
17.	THANJAVUR	2010	1821	1216	186	5233
18.	THE NILGIRIS	126	76	28	7	237
19.	THENI	9970	6234	2364	239	18807
20.	THOOTHUGUDI	10175	6111	4234	612	21132
21.	TIRUNELVELI	44364	16302	6281	578	67525
22.	TIRUVALLUR	10962	7397	4706	231	23296
23.	TIRUVANNAMALAI	85450	35497	15750	7230	143927
24.	TIRUVARUR	33	28	1	3	65
25.	TRICHIRAPPALLI	35672	19267	8592	586	64117
26.	VELLORE	53442	28122	14052	715	96331
27.	VILLUPURAM	84968	32793	15717	1610	135088
28.	VIRUDHUNAGAR	17310	10479	5599	402	33790

State Total : 674920 349856 216468 20640 1261884

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : TAMIL NADU

(in Nos.)

Sl. No.	Name of District	According to Social Status of farmers				Owned by other than ind./group of farmers	Grand Total (6 + 7)
		Schedule Caste	Schedule Tribe	Others	Total (3+4+5)		
1	2	3	4	5	6	7	8
1.	COIMBATORE	1482	336	83407	85225	14	85239

2.	CUDDALORE	1618	173	9396	11187	88	11275
3.	DHARMAPURI	4148	1150	91092	96390	1480	97870
4.	DINDIGUL	1736	218	34271	36225	33430	69655
5.	ERODE	1955	494	96097	98546	2279	100825
6.	KANCHIPURAM	6316	221	37096	43633	587	44220
7.	KANNIYAKUMARI	14	0	2319	2333	37	2370
8.	KARUR	1038	238	32990	34266	8	34274
9.	MADURAI	2776	351	35199	38326	248	38574
10.	NAGAPATTINAM	634	72	7744	8450	152	8602
11.	NAMAKKAL	2099	500	38090	40689	5	40694
12.	PERAMBALUR	5727	364	39017	45108	284	45392
13.	PUDUKOTTAI	3453	135	29926	33514	236	33750
14.	RAMNATHAPURAM	649	18	5319	5986	18	6004
15.	SALEM	4343	3435	53481	61259	2	61261
16.	SIVAGANGA	615	99	10485	11199	19	11218
17.	THANJAVUR	944	35	4254	5233	3	5236
18.	THE NILGIRIS	4	0	233	237	19	256
19.	THENI	2170	371	16266	18807	39	18846
20.	THOOTHUGUDI	3474	42	17616	21132	462	21594
21.	TIRUNELVELI	11564	390	55571	67525	1067	68592
22.	TIRUVALLUR	2208	183	20905	23296	20	23316
23.	TIRUVANNAMALAI	14732	3066	126129	143927	205	144132
24.	TIRUVARUR	9	1	55	65	4	69
25.	TRICHIRAPPALLI	5420	669	58028	64117	75	64192
26.	VELLORE	6902	679	88750	96331	160	96491
27.	VILLUPURAM	19048	2445	113595	135088	48	135136
28.	VIRUDHUNAGAR	5124	298	28368	33790	6915	40705
----- State Total :		110202	15983	1135699	1261884	47904	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : TAMIL NADU

(in Nos.)

----- Type of Dugwells -----					
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others Total (3 to 6)

1	2	3	4	5	6	7
1.	COIMBATORE	44321	39142	1554	222	85239
2.	CUDDALORE	8811	1104	773	587	11275
3.	DHARMAPURI	50058	46681	600	531	97870
4.	DINDIGUL	45466	21794	1389	1006	69655
5.	ERODE	78024	21808	917	76	100825
6.	KANCHIPURAM	38401	3665	1805	349	44220
7.	KANNIYAKUMARI	2331	35	4	0	2370
8.	KARUR	23986	9064	46	1178	34274
9.	MADURAI	32071	4564	1199	740	38574
10.	NAGAPATTINAM	5861	1198	429	1114	8602
11.	NAMAKKAL	31547	7772	494	881	40694
12.	PERAMBALUR	30531	12304	1459	1098	45392
13.	PUDUKOTAI	26241	5845	1596	68	33750
14.	RAMNATHAPURAM	433	1411	2313	1847	6004
15.	SALEM	39998	14667	1372	5224	61261
16.	SIVAGANGA	5103	1066	852	4197	11218
17.	THANJAVUR	4446	387	386	17	5236
18.	THE NILGIRIS	242	0	0	14	256
19.	THENI	14120	2351	1496	879	18846
20.	THOOTHUGUDI	16177	3325	1771	321	21594
21.	TIRUNELVELI	57583	9979	837	193	68592
22.	TIRUVALLUR	14945	2493	5669	209	23316
23.	TIRUVANNAMALAI	124298	17217	1393	1224	144132
24.	TIRUVARUR	17	1	51	0	69
25.	TRICHIRAPPALLI	39945	21993	873	1381	64192
26.	VELLORE	66656	25978	1732	2125	96491
27.	VILLUPURAM	109877	19931	3878	1450	135136
28.	VIRUDHUNAGAR	35259	3973	1067	406	40705
State Total :		946748	299748	35955	27337	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : TAMIL NADU

(in Nos.)

Sl.	Name of District	Wells In	----- Temporary	Dugwells Not in Use Abandoned	Dried up	Destroyed	Others	Total	Grand Total
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No.		Use (Salinity)						(4 to 8)	(3 + 9)
1	2	3	4	5	6	7	8	9	10
1.	COIMBATORE	63244	6507	2672	12452	267	97	21995	85239
2.	CUDDALORE	8924	396	1189	289	310	167	2351	11275
3.	DHARMAPURI	93995	2991	393	406	59	26	3875	97870
4.	DINDIGUL	54545	14338	242	216	292	22	15110	69655
5.	ERODE	90370	7147	2143	933	150	82	10455	100825
6.	KANCHIPURAM	36412	7584	54	102	19	49	7808	44220
7.	KANNIYAKUMARI	2342	14	11	1	1	1	28	2370
8.	KARUR	30322	1920	480	925	245	382	3952	34274
9.	MADURAI	32429	4029	698	935	352	131	6145	38574
10.	NAGAPATTINAM	7781	200	121	83	44	373	821	8602
11.	NAMAKKAL	33835	5120	243	363	629	504	6859	40694
12.	PERAMBALUR	30698	2554	119	271	230	11520	14694	45392
13.	PUDUKOTTAI	27980	2121	178	1016	74	2381	5770	33750
14.	RAMNATHAPURAM	5519	84	364	32	0	5	485	6004
15.	SALEM	56794	2684	372	1085	297	29	4467	61261
16.	SIVAGANGA	11006	118	63	18	0	13	212	11218
17.	THANJAVUR	4724	240	84	126	23	39	512	5236
18.	THE NILGIRIS	255	1	0	0	0	0	1	256
19.	THENI	13758	968	1163	907	1977	73	5088	18846
20.	THOOTHUGUDI	14670	2077	1575	1627	1274	371	6924	21594
21.	TIRUNELVELI	59894	5242	1852	584	695	325	8698	68592
22.	TIRUVALLUR	21133	1413	80	479	80	131	2183	23316
23.	TIRUVANNAMALAI	134914	5967	1966	1092	152	41	9218	144132
24.	TIRUVARUR	60	2	3	4	0	0	9	69
25.	TRICHIRAPPALLI	53332	6938	1279	1291	967	385	10860	64192
26.	VELLORE	90721	3800	774	596	168	432	5770	96491
27.	VILLUPURAM	124267	5825	1983	1110	1360	591	10869	135136
28.	VIRUDHUNAGAR	34056	2574	1462	1436	894	283	6649	40705
State Total :		1137980	92854	21563	28379	10559	18453	171808	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : TAMIL NADU

(in Nos.)

Source of Finance for constructing Dugwells

Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	COIMBATORE	71745	7731	2646	167	2950	85239
2.	CUDDALORE	10446	353	86	67	278	11230
3.	DHARMAPURI	92269	1637	1605	808	861	97180
4.	DINDIGUL	63206	2662	980	434	2331	69613
5.	ERODE	95322	3942	1030	205	308	100807
6.	KANCHIPURAM	39561	1108	1576	362	1477	44084
7.	KANNIYAKUMARI	1986	159	2	1	218	2366
8.	KARUR	33417	501	126	135	94	34273
9.	MADURAI	36710	562	206	175	877	38530
10.	NAGAPATTINAM	7568	386	47	19	551	8571
11.	NAMAKKAL	34934	95	427	42	5196	40694
12.	PERAMBALUR	41452	834	1233	283	1307	45109
13.	PUDUKOTTAI	30670	1172	1131	597	47	33617
14.	RAMNATHAPURAM	5010	316	411	167	96	6000
15.	SALEM	54758	2020	1036	1461	1986	61261
16.	SIVAGANGA	10418	267	147	34	337	11203
17.	THANJAVUR	3698	583	438	472	43	5234
18.	THE NILGIRIS	236	0	1	0	0	237
19.	THENI	17628	485	179	102	440	18834
20.	THOOTHUGUDI	19357	960	569	272	190	21348
21.	TIRUNELVELI	62308	3404	1441	582	674	68409
22.	TIRUVALLUR	21989	186	361	112	661	23309
23.	TIRUVANNAMALAI	125396	10469	6796	530	923	144114
24.	TIRUVARUR	47	9	10	2	1	69
25.	TRICHIRAPPALLI	60410	1411	1107	663	585	64176
26.	VELLORE	92708	1746	662	374	957	96447
27.	VILLUPURAM	131465	1642	498	699	797	135101
28.	VIRUDHUNAGAR	36043	2085	1660	535	177	40500
State Total :		1200757	46725	26411	9300	24362	1307555

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : TAMIL NADU

(in Nos.)

According to Water Distribution System							
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	COIMBATORE	3449	833	66479	6091	8387	85239
2.	CUDDALORE	302	11	10257	206	499	11275
3.	DHARMAPURI	2981	1544	80053	4179	9113	97870
4.	DINDIGUL	1507	110	60331	2008	5699	69655
5.	ERODE	2100	1018	92110	3851	1746	100825
6.	KANCHIPURAM	2618	662	38925	642	1373	44220
7.	KANNIYAKUMARI	396	7	1276	21	670	2370
8.	KARUR	2676	220	30307	521	550	34274
9.	MADURAI	4189	632	30518	125	3110	38574
10.	NAGAPATTINAM	438	101	7097	240	726	8602
11.	NAMAKKAL	2072	106	31114	286	7116	40694
12.	PERAMBALUR	3054	435	38003	1846	2054	45392
13.	PUDUKOTTAI	434	56	32380	129	751	33750
14.	RAMNATHAPURAM	128	67	4648	164	997	6004
15.	SALEM	8787	469	38372	460	13173	61261
16.	SIVAGANGA	304	90	10385	12	427	11218
17.	THANJAVUR	238	32	4786	48	132	5236
18.	THE NILGIRIS	212	0	1	1	42	256
19.	THENI	756	71	13997	1264	2758	18846
20.	THOOTHUGUDI	885	226	18345	832	1306	21594
21.	TIRUNELVELI	4796	534	60211	212	2839	68592
22.	TIRUVALLUR	460	104	21408	330	1014	23316
23.	TIRUVANNAMALAI	19145	2283	116534	3795	2375	144132
24.	TIRUVARUR	1	1	57	10	0	69
25.	TRICHIRAPPALLI	1914	986	59137	976	1179	64192
26.	VELLORE	3542	596	89525	973	1855	96491
27.	VILLUPURAM	4788	1213	122620	2288	4227	135136
28.	VIRUDHUNAGAR	1949	158	37277	342	979	40705
State Total :		74121	12565	1116153	31852	75097	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : TAMIL NADU

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	COIMBATORE	81629	2917	0	0	693	0	85239
2.	CUDDALORE	6368	3953	23	4	822	105	11275
3.	DHARMAPURI	42366	42343	419	211	11924	607	97870
4.	DINDIGUL	42298	12872	10	9	12252	2214	69655
5.	ERODE	80411	17782	0	0	2632	0	100825
6.	KANCHIPURAM	32466	6375	102	25	4619	633	44220
7.	KANNIYAKUMARI	2028	338	0	4	0	0	2370
8.	KARUR	25727	5376	88	2	3032	49	34274
9.	MADURAI	26373	6450	710	120	2728	2193	38574
10.	NAGAPATTINAM	4500	1307	0	0	2795	0	8602
11.	NAMAKKAL	35371	2030	0	0	3293	0	40694
12.	PERAMBALUR	25415	7041	2189	177	10456	114	45392
13.	PUDUKOTTAI	14025	4570	198	19	14610	328	33750
14.	RAMNATHAPURAM	2771	2358	148	1	288	438	6004
15.	SALEM	45651	6183	266	81	8806	274	61261
16.	SIVAGANGA	6777	2858	344	13	225	1001	11218
17.	THANJAVUR	1933	2778	11	9	476	29	5236
18.	THE NILGIRIS	242	13	0	1	0	0	256
19.	THENI	15764	1171	9	5	163	1734	18846
20.	THOOTHUGUDI	14925	1778	102	39	4619	131	21594
21.	TIRUNELVELI	40342	12072	1615	87	13620	856	68592
22.	TIRUVALLUR	18218	3327	8	3	1410	350	23316
23.	TIRUVANNAMALAI	98402	27095	1018	159	16929	529	144132
24.	TIRUVARUR	47	22	0	0	0	0	69
25.	TRICHIRAPPALLI	38851	7663	361	100	16610	607	64192
26.	VELLORE	74373	9150	83	0	8993	3892	96491
27.	VILLUPURAM	72011	48706	725	170	12857	667	135136
28.	VIRUDHUNAGAR	27738	3344	2122	104	7143	254	40705
State Total :		877022	241872	10551	1343	161995	17005	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : TAMIL NADU

(in Nos.)

According to horse power of lifting devices

Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	COIMBATORE	813	11625	50882	16575	3485	1166	693	85239
2.	CUDDALORE	148	1175	7589	1006	257	278	822	11275
3.	DHARMAPURI	438	10189	66747	8205	327	40	11924	97870
4.	DINDIGUL	1154	9604	39098	2912	166	55	16666	69655
5.	ERODE	6495	6463	74800	8630	867	938	2632	100825
6.	KANCHIPURAM	1018	24251	12401	1306	314	311	4619	44220
7.	KANNIYAKUMARI	226	601	1345	165	24	9	0	2370
8.	KARUR	368	4077	21499	1026	156	87	7061	34274
9.	MADURAI	2955	20365	11911	229	8	66	3040	38574
10.	NAGAPATTINAM	268	709	4103	652	45	30	2795	8602
11.	NAMAKKAL	518	4608	30466	1445	279	85	3293	40694
12.	PERAMBALUR	618	12296	19163	1988	127	744	10456	45392
13.	PUDUKOTTAI	82	12200	6615	93	117	33	14610	33750
14.	RAMNATHAPURAM	593	1318	3665	119	7	14	288	6004
15.	SALEM	667	3246	46122	1909	166	225	8926	61261
16.	SIVAGANGA	812	4688	5367	104	5	17	225	11218
17.	THANJAVUR	72	504	3827	292	48	17	476	5236
18.	THE NILGIRIS	0	20	130	20	57	29	0	256
19.	THENI	3210	1388	12359	1496	169	61	163	18846
20.	THOOTHUGUDI	472	10835	3115	35	6	23	7108	21594
21.	TIRUNELVELI	1553	35772	17000	404	53	190	13620	68592
22.	TIRUVALLUR	848	1707	15263	2431	1011	646	1410	23316
23.	TIRUVANNAMALAI	2332	51154	69102	3218	224	1173	16929	144132
24.	TIRUVARUR	0	0	47	21	0	1	0	69
25.	TRICHIRAPPALLI	351	23659	21149	2121	217	85	16610	64192
26.	VELLORE	450	36334	47048	3325	202	139	8993	96491
27.	VILLUPURAM	2531	27282	82000	8657	903	906	12857	135136
28.	VIRUDHUNAGAR	1626	19878	11577	275	25	181	7143	40705
State Total :		30618	335948	684390	68659	9265	7549	173359	1309788

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : TAMIL NADU		(in Nos.)									
		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	COIMBATORE	15246	69993	85239	50962	32556	1432	155	89	45	85239
2.	CUDDALORE	4864	6411	11275	7912	2581	579	92	54	57	11275
3.	DHARMAPURI	24553	73317	97870	84588	12308	883	49	39	3	97870
4.	DINDIGUL	16060	53595	69655	44748	22994	1573	257	60	23	69655
5.	ERODE	34926	65899	100825	53817	43626	2656	589	63	74	100825
6.	KANCHIPURAM	24546	19674	44220	29574	11798	2045	474	166	163	44220
7.	KANNIYAKUMARI	0	2370	2370	1234	1041	92	3	0	0	2370
8.	KARUR	309	33965	34274	29613	4435	211	5	9	1	34274
9.	MADURAI	11571	27003	38574	26877	9957	1384	139	73	144	38574
10.	NAGAPATTINAM	5281	3321	8602	3439	2690	1451	34	987	1	8602
11.	NAMAKKAL	1483	39211	40694	34620	5888	96	72	4	14	40694
12.	PERAMBALUR	2027	43365	45392	39240	5281	613	242	4	12	45392
13.	PUDUKOTTAI	1885	31865	33750	26888	5912	786	77	62	25	33750
14.	RAMNATHAPURAM	482	5522	6004	3888	1728	260	63	30	35	6004
15.	SALEM	1772	59489	61261	55173	4498	1124	368	60	38	61261
16.	SIVAGANGA	6970	4248	11218	8079	2496	563	52	13	15	11218
17.	THANJAVUR	3293	1943	5236	2062	2194	950	25	3	2	5236
18.	THE NILGIRIS	1	255	256	249	0	7	0	0	0	256
19.	THENI	9889	8957	18846	12269	5784	538	88	85	82	18846
20.	THOOTHUGUDI	1572	20022	21594	15592	5009	861	72	35	25	21594
21.	TIRUNELVELI	3074	65518	68592	50493	14097	3581	250	101	70	68592
22.	TIRUVALLUR	3876	19440	23316	7610	9998	4582	746	320	60	23316

23.	TIRUVANNAMALAI	0	144132	144132	113348	25232	4432	674	286	160	144132
24.	TIRUVARUR	68	1	69	8	57	0	4	0	0	69
25.	TRICHIRAPPALLI	3770	60422	64192	55950	6681	1428	65	31	37	64192
26.	VELLORE	19149	77342	96491	70913	20234	4095	907	259	83	96491
27.	VILLUPURAM	13706	121430	135136	90425	37823	5573	1067	161	87	135136
28.	VIRUDHUNAGAR	1213	39492	40705	29248	9840	1147	204	147	119	40705

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State Total :	211586	1098202	1309788	948819	306738	42942	6773	3141	1375	1309788
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* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : TAMIL NADU

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	COIMBATORE	85239	12	31	12
2.	CUDDALORE	11275	17	43	2
3.	DHARMAPURI	97870	3	33	3
4.	DINDIGUL	69655	15	24	2
5.	ERODE	100825	16	29	8
6.	KANCHIPURAM	44220	3	44	2
7.	KANNIYAKUMARI	2370	35	17	9
8.	KARUR	34274	5	26	4
9.	MADURAI	38574	16	20	1
10.	NAGAPATTINAM	8602	9	11	1
11.	NAMAKKAL	40694	22	14	1
12.	PERAMBALUR	45392	11	18	2
13.	PUDUKOTTAI	33750	7	44	1
14.	RAMNATHAPURAM	6004	15	52	4
15.	SALEM	61261	17	15	1
16.	SIVAGANGA	11218	23	32	0
17.	THANJAVUR	5236	27	26	0
18.	THE NILGIRIS	256	0	0	0

19.	THENI	18846	18	29	5
20.	THOOTHUGUDI	21594	16	27	5
21.	TIRUNELVELI	68592	19	7	1
22.	TIRUVALLUR	23316	6	72	7
23.	TIRUVANNAMALAI	144132	5	25	2
24.	TIRUVARUR	69	44	3	0
25.	TRICHIRAPPALLI	64192	8	20	2
26.	VELLORE	96491	10	43	2
27.	VILLUPURAM	135136	20	28	3
28.	VIRUDHUNAGAR	40705	28	30	1

State Average:		1309788	15	28	3

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : TAMIL NADU

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8

1.	COIMBATORE	185257	123021	61307	41849	4065	230242
2.	CUDDALORE	11871	4240	4738	722	3669	13369
3.	DHARMAPURI	248736	167340	73757	38460	13540	293097
4.	DINDIGUL	243178	45364	44583	26186	181226	297359
5.	ERODE	137136	102631	37125	6920	37445	184121
6.	KANCHIPURAM	81441	81073	48973	17960	2094	150100
7.	KANNIYAKUMARI	1946	72	59	1741	136	2008
8.	KARUR	32566	22815	17426	4246	2611	47098
9.	MADURAI	468933	138935	247047	51398	31554	468934
10.	NAGAPATTINAM	10780	9719	3750	1549	275	15293
11.	NAMAKKAL	40042	40288	1695	497	1701	44181
12.	PERAMBALUR	176429	43850	145345	2483	8013	199691
13.	PUDUKOTTAI	39699	21764	30900	827	3248	56739
14.	RAMNATHAPURAM	16974	2832	1292	4275	9337	17736
15.	SALEM	67013	100021	11896	2277	2635	116829
16.	SIVAGANGA	12174	3647	7560	913	699	12819

17.	THANJAVUR	6650	12164	3250	1476	871	17761
18.	THE NILGIRIS	440	441	0	0	1	442
19.	THENI	19243	9561	7640	3946	446	21593
20.	THOOTHUGUDI	22638	12401	16503	6348	1196	36448
21.	TIRUNELVELI	68071	41138	30060	4659	351	76208
22.	TIRUVALLUR	34289	26163	15224	2317	772	44476
23.	TIRUVANNAMALAI	239337	469726	426938	418083	81171	1395918
24.	TIRUVARUR	57	54	16	3	0	73
25.	TRICHIRAPPALLI	3714729	1601932	2004543	217427	337109	4161011
26.	VELLORE	190056	75906	59070	25820	29262	190058
27.	VILLUPURAM	119467	63080	50475	8116	4786	126457
28.	VIRUDHUNAGAR	51758	17302	23577	3849	8216	52944

State Total :	6240910	3237480	3374749	894347	766429	8273005
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* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : TAMIL NADU

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	COIMBATORE	94115	12316	39314	1920	147665
2.	CUDDALORE	3477	3659	670	1877	9683
3.	DHARMAPURI	126329	52985	28077	7265	214656
4.	DINDIGUL	37156	31450	19800	3442	91848
5.	ERODE	56460	22433	7000	6602	92495
6.	KANCHIPURAM	33027	28169	12225	982	74403
7.	KANNIYAKUMARI	50	48	1653	142	1893
8.	KARUR	10747	7454	2923	949	22073
9.	MADURAI	56847	204365	42695	28868	332775
10.	NAGAPATTINAM	7278	1547	890	139	9854
11.	NAMAKKAL	29708	901	222	23	30854
12.	PERAMBALUR	36293	83440	2361	556	122650
13.	PUDUKOTTAI	12460	17291	2054	1768	33573
14.	RAMNATHAPURAM	1527	1173	2943	29	5672

15.	SALEM	40252	3081	797	108	44238
16.	SIVAGANGA	3450	7347	753	453	12003
17.	THANJAVUR	11779	2489	596	821	15685
18.	THE NILGIRIS	435	0	0	0	435
19.	THENI	6850	1643	3075	63	11631
20.	THOOTHUGUDI	4147	9082	4340	343	17912
21.	TIRUNELVELI	23735	17742	4127	343	45947
22.	TIRUVALLUR	20239	11944	1710	532	34425
23.	TIRUVANNAMALAI	190051	225328	227653	11259	654291
24.	TIRUVARUR	47	11	0	0	58
25.	TRICHIRAPPALLI	897079	887482	177606	104993	2067160
26.	VELLORE	42875	24195	23257	4800	95127
27.	VILLUPURAM	46145	41700	6588	3732	98165
28.	VIRUDHUNAGAR	15136	16823	3472	5980	41411

State Total : 1807694 1716098 616801 187989 4328582

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : TAMIL NADU

(in Ha.)

		Supplementary Irrigation in 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	COIMBATORE	2678	1134	4113	411	8336
2.	CUDDALORE	350	189	89	48	676
3.	DHARMAPURI	601	262	1026	249	2138
4.	DINDIGUL	2153	1939	827	10	4929
5.	ERODE	15943	7388	2049	639	26019
6.	KANCHIPURAM	2326	11329	3216	121	16992
7.	KANNIYAKUMARI	0	0	156	77	233
8.	KARUR	348	210	94	13	665
9.	MADURAI	30287	91574	24863	28256	174980
10.	NAGAPATTINAM	7200	828	340	83	8451
11.	NAMAKKAL	26081	86	1	0	26168
12.	PERAMBALUR	3075	12660	1250	0	16985
13.	PUDUKOTTAI	761	1955	42	8	2766

14.	RAMNATHAPURAM	241	445	382	0	1068
15.	SALEM	32037	27	3	19	32086
16.	SIVAGANGA	300	573	62	83	1018
17.	THANJAVUR	1401	1229	93	40	2763
18.	THE NILGIRIS	2	0	0	0	2
19.	THENI	552	68	203	0	823
20.	THOOTHUGUDI	38	582	2115	4	2739
21.	TIRUNELVELI	269	175	61	11	516
22.	TIRUVALLUR	2476	1006	136	169	3787
23.	TIRUVANNAMALAI	8444	5181	799	79	14503
24.	TIRUVARUR	4	0	0	0	4
25.	TRICHIRAPPALLI	6817	10511	856	279	18463
26.	VELLORE	29	87	7	1	124
27.	VILLUPURAM	8402	6980	998	297	16677
28.	VIRUDHUNAGAR	69	73	8	9	159

State Total : 152884 156491 43789 30906 384070

* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : TAMIL NADU

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'ts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	COIMBATORE	63244	0	1212	60	29021	32951	63244	63244
2.	CUDDALORE	8924	0	299	81	1170	7374	8924	8924
3.	DHARMAPURI	93995	0	563	437	92449	546	93995	93995
4.	DINDIGUL	54545	0	378	225	50964	2978	54545	54545
5.	ERODE	90370	0	4406	386	10439	75139	90370	90370
6.	KANCHIPURAM	36412	0	3358	449	4413	28192	36412	36412
7.	KANNIYAKUMARI	2342	0	0	0	0	2342	2342	2342
8.	KARUR	30322	1008	0	0	2347	26967	29314	30322
9.	MADURAI	32429	0	1653	370	2903	27503	32429	32429
10.	NAGAPATTINAM	7781	0	4371	6	20	3384	7781	7781

11.	NAMAKKAL	33835	0	9	3	15	33808	33835	33835
12.	PERAMBALUR	30698	0	95	33	9237	21333	30698	30698
13.	PUDUKOTTAI	27980	0	1028	90	10249	16613	27980	27980
14.	RAMNATHAPURAM	5519	0	415	439	653	4012	5519	5519
15.	SALEM	56794	61	11	0	2066	54656	56733	56794
16.	SIVAGANGA	11006	0	116	16	111	10763	11006	11006
17.	THANJAVUR	4724	19	1422	77	127	3079	4705	4724
18.	THE NILGIRIS	255	0	0	0	0	255	255	255
19.	THENI	13758	31	608	6	4	13109	13727	13758
20.	THOOTHUGUDI	14670	308	1508	19	6580	6255	14362	14670
21.	TIRUNELVELI	59894	0	1726	1222	18054	38892	59894	59894
22.	TIRUVALLUR	21133	0	2864	1050	2750	14469	21133	21133
23.	TIRUVANNAMALAI	134914	0	3534	1952	124588	4840	134914	134914
24.	TIRUVARUR	60	0	1	0	4	55	60	60
25.	TRICHIRAPPALLI	53332	0	1253	261	16854	34964	53332	53332
26.	VELLORE	90721	0	762	796	47134	42029	90721	90721
27.	VILLUPURAM	124267	0	4182	2569	8205	109311	124267	124267
28.	VIRUDHUNAGAR	34056	0	411	4166	25672	3807	34056	34056

State Total :	1137980	1427	36185	14713	466029	619626	1136553	1137980
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* Data in respect of the remaining 1 District is NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : TRIPURA

(in Nos.)

Construction of Dugwells over the years										
Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	DHALAI	25	11	14	6	14	14	10	22	116
2.	NORTH	1	0	0	0	10	15	7	0	33
3.	SOUTH	88	28	38	27	37	80	62	295	655
4.	WEST	0	1	0	0	0	0	0	0	1
State Total :		114	40	52	33	61	109	79	317	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : TRIPURA (in Nos.)

		Dugwells Owned by							
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)	
1	2	3	4	5	6	7	8	9	
1.	DHALAI	10	0	0	1	105	0	116	
2.	NORTH	1	0	0	0	32	0	33	
3.	SOUTH	72	9	15	2	556	1	655	
4.	WEST	0	0	0	0	1	0	1	
State Total :		83	9	15	3	694	1	805	

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : TRIPURA (in Nos.)

		According to Farmers' Holding size						
Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)		
1	2	3	4	5	6	7		
1.	DHALAI	84	18	4	0	106		
2.	NORTH	32	0	0	0	32		
3.	SOUTH	429	89	38	2	558		
4.	WEST	1	0	0	0	1		
State Total :		546	107	42	2	697		

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : TRIPURA (in Nos.)

		According to Social Status of farmers	Owned by	Grand
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Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)	other than ind./group of farmers	Total (6 + 7)
1	2	3	4	5	6	7	8
1.	DHALAI	16	36	54	106	10	116
2.	NORTH	3	7	22	32	1	33
3.	SOUTH	103	124	331	558	97	655
4.	WEST	0	0	1	1	0	1
State Total :		122	167	408	697	108	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : TRIPURA		(in Nos.)				
		Type of Dugwells				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
1	2	3	4	5	6	7
1.	DHALAI	49	56	9	2	116
2.	NORTH	0	33	0	0	33
3.	SOUTH	9	59	61	526	655
4.	WEST	1	0	0	0	1
State Total :		59	148	70	528	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : TRIPURA		(in Nos.)							
Sl. No.	Name of District	Wells In Use	Dugwells Not in Use					Total (4 to 8)	Grand Total (3 + 9)
			Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others		
1	2	3	4	5	6	7	8	9	10
1.	DHALAI	115	1	0	0	0	0	1	116
2.	NORTH	33	0	0	0	0	0	0	33
3.	SOUTH	652	1	1	1	0	0	3	655
4.	WEST	0	0	0	0	1	0	1	1

State Total :	800	2	1	1	1	0	5	805
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MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : TRIPURA

(in Nos.)

		Source of Finance for constructing Dugwells					Total (3 to 7)
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	
1	2	3	4	5	6	7	8
1.	DHALAI	57	1	7	32	9	106
2.	NORTH	32	0	0	0	0	32
3.	SOUTH	217	0	12	264	90	583
4.	WEST	0	0	0	1	0	1
State Total :		306	1	19	297	99	722

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : TRIPURA

(in Nos.)

		According to Water Distribution System					Total (3 to 7)
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	
1	2	3	4	5	6	7	8
1.	DHALAI	0	0	102	14	0	116
2.	NORTH	0	0	33	0	0	33
3.	SOUTH	26	0	301	2	326	655
4.	WEST	0	0	0	0	1	1
State Total :		26	0	436	16	327	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : TRIPURA		(in Nos.)						
		According to Water Lifting Devices for Dugwells						
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	DHALAI	0	0	0	0	116	0	116
2.	NORTH	0	1	0	0	32	0	33
3.	SOUTH	3	13	0	0	568	71	655
4.	WEST	0	0	0	0	1	0	1
State Total :		3	14	0	0	717	71	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : TRIPURA		(in Nos.)							
		According to horse power of lifting devices							
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	DHALAI	0	0	0	0	0	0	116	116
2.	NORTH	0	0	1	0	0	0	32	33
3.	SOUTH	1	0	83	0	0	3	568	655
4.	WEST	0	0	0	0	0	0	1	1
State Total :		1	0	84	0	0	3	717	805

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : TRIPURA		(in Nos.)	

Location of Dugwells		According to Average Pumping Hours during peak season	

Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	DHALAI	0	116	116	98	18	0	0	0	0	116
2.	NORTH	0	33	33	27	6	0	0	0	0	33
3.	SOUTH	0	655	655	145	71	60	32	0	347	655
4.	WEST	0	1	1	0	1	0	0	0	0	1
State Total :		0	805	805	270	96	60	32	0	347	805

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : TRIPURA

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	DHALAI	116	7	38	0
2.	NORTH	33	0	157	0
3.	SOUTH	655	0	45	52
4.	WEST	1	0	18	0
State Average:		805	7	64	52

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : TRIPURA

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Kharif	Rabi	Perenial	Others	
1	2	3	4	5	6	7	8
1.	DHALAI	80	39	56	0	23	118
2.	NORTH	15	10	14	0	5	29

3.	SOUTH	898	603	658	170	58	1489
4.	WEST	0	0	0	0	0	0
State Total :		993	652	728	170	86	1636

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : TRIPURA		(in Ha.)				
		Actual Area Irrigated during 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	DHALAI	36	51	0	21	108
2.	NORTH	8	10	0	5	23
3.	SOUTH	366	588	14	22	990
4.	WEST	0	0	0	0	0
State Total :		410	649	14	48	1121

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : TRIPURA		(in Ha.)				
		Supplementary Irrigation in 1993-94				
Sl. No.	Name of District	Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	DHALAI	0	0	0	0	0
2.	NORTH	0	0	0	0	0
3.	SOUTH	0	0	0	0	0
4.	WEST	0	0	0	0	0
State Total :		0	0	0	0	0

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : TRIPURA

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created					Grand Total
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason	Total (5 to 8)	
1	2	3	4	5	6	7	8	9	10
1.	DHALAI	115	97	0	0	17	1	18	115
2.	NORTH	33	6	0	0	27	0	27	33
3.	SOUTH	652	259	0	1	324	68	393	652
4.	WEST	0	0	0	0	0	0	0	0
State Total :		800	362	0	1	368	69	438	800

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : UTTAR PRADESH

(in Nos.)

Sl. No.	Name of District	Construction of Dugwells over the years								Total (3 to 10)
		Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	
1	2	3	4	5	6	7	8	9	10	11
1.	AGRA	4438	356	267	206	483	152	7	1	5910
2.	ALIGARH	94	46	55	31	22	9	4	8	269
3.	ALLAHABAD	840	334	427	501	448	428	262	150	3390
4.	AZAMGARH	51	11	10	7	15	12	7	8	121
5.	BAHRAICH	565	11	53	11	2	10	7	1	660
6.	BALLIA	404	9	12	30	15	10	11	6	497
7.	BANDA	2283	636	698	823	690	468	396	554	6548
8.	BARABANKI	1627	30	10	14	27	9	11	19	1747
9.	BASTI	557	116	79	101	106	65	41	50	1115
10.	BIJNOR	173	28	22	15	6	10	16	9	279
11.	BULANDSHAHR	63	35	0	0	0	0	0	0	98
12.	DEHRADUN	30	2	0	0	1	0	0	2	35
13.	DEORIA	3112	91	51	39	24	18	12	11	3358
14.	ETAH	1363	78	90	47	89	57	41	55	1820

15.	ETAWAH	299	48	47	59	68	28	28	37	614
16.	FARUKHABAD	34	15	7	0	1	0	0	0	57
17.	FATEHPUR	946	41	68	35	149	43	69	204	1555
18.	FIROZABAD	982	23	60	60	92	89	40	85	1431
19.	GHAZIPUR	272	27	29	27	33	20	9	14	431
20.	GONDA	647	5	10	12	19	13	16	6	728
21.	GORAKHPUR	2121	22	8	17	48	80	37	10	2343
22.	HAMIRPUR	1011	161	187	141	160	152	167	241	2220
23.	HARDOI	267	77	128	168	217	139	134	57	1187
24.	HARDWAR	85	36	28	44	31	16	11	3	254
25.	JALAUN	1762	238	202	217	240	277	250	199	3385
26.	JAUNPUR	1606	78	86	65	57	33	28	37	1990
27.	JHANSI	19272	3736	3144	2521	2140	1801	1471	1984	36069
28.	KANPUR DEHAT	32	12	12	11	10	6	8	2	93
29.	KUSHI NAGAR	769	19	12	8	12	32	15	20	887
30.	LALITPUR	18039	2067	1324	871	478	402	179	401	23761
31.	LUCKNOW	189	36	83	65	104	67	94	108	746
32.	MAHOBA	6376	739	570	956	902	926	1139	1211	12819
33.	MAHRAJGANJ	121	51	43	31	24	11	9	21	311
34.	MAINPURI	267	17	14	14	9	12	7	3	343
35.	MATHURA	506	39	24	32	237	20	8	10	876
36.	MEERUT	10	0	0	0	0	1	0	0	11
37.	MIRZAPUR	1577	331	320	247	247	189	149	204	3264
38.	MORADABAD	297	156	222	170	207	198	179	204	1633
39.	NAINITAL	0	2	0	1	0	0	0	0	3
40.	PRATAPGARH	71	43	34	21	55	50	41	41	356
41.	RAEBARELY	236	112	76	107	116	85	122	135	989
42.	SAHARANPUR	56	1	1	1	0	0	1	1	61
43.	SANT RAVIDAS NAGAR	464	18	3	5	7	4	4	4	509
44.	SHAHJAHANPUR	68	54	40	49	211	186	195	172	975
45.	SIDDHARTH NAGAR	393	57	33	57	53	64	42	56	755
46.	SONBHADRA	1306	379	416	362	458	383	345	286	3935
47.	SULTANPUR	952	29	29	39	34	24	15	36	1158
48.	UDHAMSINGH NAGAR	290	108	91	79	33	30	21	9	661
49.	UNNAO	516	62	68	106	123	127	156	187	1345
50.	VARANASI	1744	176	172	114	95	113	123	185	2722

* State Total :	79183	10798	9365	8537	8598	6869	5927	7047	136324
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* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : UTTAR PRADESH

(in Nos.)

Dugwells Owned by

Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AGRA	0	0	0	5910	0	0	5910
2.	ALIGARH	0	0	1	0	268	0	269
3.	ALLAHABAD	2	2	0	2	3384	0	3390
4.	AZAMGARH	1	0	0	0	120	0	121
5.	BAHRAICH	0	0	0	0	660	0	660
6.	BALLIA	0	0	0	2	495	0	497
7.	BANDA	0	1	0	1	6545	1	6548
8.	BARABANKI	0	0	0	0	1747	0	1747
9.	BASTI	2	0	1	19	1091	2	1115
10.	BIJNOR	0	0	0	0	279	0	279
11.	BULANDSHAHR	0	0	0	0	98	0	98
12.	DEHRADUN	0	0	5	0	29	1	35
13.	DEORIA	1	0	2	0	3355	0	3358
14.	ETAH	0	0	0	0	1820	0	1820
15.	ETAWAH	0	0	0	0	614	0	614
16.	FARUKHABAD	0	0	0	0	57	0	57
17.	FATEHPUR	2	0	0	4	1549	0	1555
18.	FIROZABAD	0	0	0	0	1431	0	1431
19.	GHAZIPUR	7	0	1	8	415	0	431
20.	GONDA	0	0	0	0	728	0	728
21.	GORAKHPUR	0	0	0	0	2343	0	2343
22.	HAMIRPUR	2	0	2	15	2194	7	2220
23.	HARDOI	2	0	0	0	1185	0	1187
24.	HARDWAR	0	0	0	0	254	0	254
25.	JALAUN	1	0	1	6	3377	0	3385
26.	JAUNPUR	10	0	21	2	1957	0	1990
27.	JHANSI	28	4	28	5197	30806	6	36069
28.	KANPUR DEHAT	13	3	76	0	1	0	93
29.	KUSHI NAGAR	2	0	1	0	884	0	887
30.	LALITPUR	4	1	339	10252	13165	0	23761
31.	LUCKNOW	0	1	0	0	745	0	746
32.	MAHOBA	5	0	1	4	12808	1	12819
33.	MAHRAJGANJ	0	0	0	1	310	39.	NAINITAL
0	0	3	3				0	0
40.	PRATAPGARH	42	6	307	355	1	356	
41.	RAEBARELY	220	10	759	989	0	989	
42.	SAHARANPUR	2	0	59	61	0	61	
43.	SANT RAVIDAS NAGAR	44	5	458	507	2	509	
44.	SHAHJAHANPUR	222	4	749	975	0	975	
45.	SIDDHARTH NAGAR	93	15	645	753	2	755	
46.	SONBHADRA	661	29	3244	3934	1	3935	
47.	SULTANPUR	129	2	1027	1158	0	1158	
48.	UDHAMSINGH NAGAR	45	75	493	613	48	661	
49.	UNNAO	316	26	1002	1344	1	1345	
50.	VARANASI	287	40	2374	2701	21	2722	

* State Total : 21767 2192 111665 135624 700 136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : UTTAR PRADESH

(in Nos.)

Type of Dugwells

Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
1	2	3	4	5	6	7
1.	AGRA	5590	89	231	0	5910
2.	ALIGARH	257	5	4	3	269
3.	ALLAHABAD	3249	15	118	8	3390
4.	AZAMGARH	120	0	0	1	121
5.	BAHRAICH	643	8	3	6	660
6.	BALLIA	491	4	1	1	497
7.	BANDA	5870	80	570	28	6548
8.	BARABANKI	1698	36	1	12	1747
9.	BASTI	1073	31	2	9	1115
10.	BIJNOR	272	0	7	0	279
11.	BULANDSHAHR	98	0	0	0	98
12.	DEHRADUN	29	2	4	0	35
13.	DEORIA	2858	27	461	12	3358
14.	ETAH	1722	10	44	44	1820
15.	ETAWAH	561	53	0	0	614
16.	FARUKHABAD	53	4	0	0	57
17.	FATEHPUR	900	57	595	3	1555
18.	FIROZABAD	1382	48	1	0	1431
19.	GHAZIPUR	419	1	9	2	431
20.	GONDA	700	27	1	0	728
21.	GORAKHPUR	2277	11	14	41	2343
22.	HAMIRPUR	1901	25	289	5	2220
23.	HARDOI	814	60	310	3	1187
24.	HARDWAR	227	23	2	2	254
25.	JALAUN	2755	22	491	117	3385
26.	JAUNPUR	1780	185	16	9	1990
27.	JHANSI	29216	6041	779	33	36069
28.	KANPUR DEHAT	69	20	4	0	93
29.	KUSHI NAGAR	853	15	6	13	887
30.	LALITPUR	22207	1511	37	6	23761

31.	LUCKNOW	620	14	109	3	746
32.	MAHOBA	12350	334	127	8	12819
33.	MAHRAJGANJ	300	8	1	2	311
34.	MAINPURI	316	16	11	0	343
35.	MATHURA	672	102	101	1	876
36.	MEERUT	5	0	6	0	11
37.	MIRZAPUR	2940	88	204	32	3264
38.	MORADABAD	1280	163	190	0	1633
39.	NAINITAL	0	0	0	3	3
40.	PRATAPGARH	335	2	19	0	356
41.	RAEBARELY	989	0	0	0	989
42.	SAHARANPUR	55	0	6	0	61
43.	SANT RAVIDAS NAGAR	500	8	1	0	509
44.	SHAHJAHANPUR	950	5	20	0	975
45.	SIDDHARTH NAGAR	727	27	1	0	755
46.	SONBHADRA	3091	160	547	137	3935
47.	SULTANPUR	1119	38	1	0	1158
48.	UDHAMSINGH NAGAR	224	5	13	419	661
49.	UNNAO	1160	7	178	0	1345
50.	VARANASI	2357	44	308	13	2722

* State Total : 120074 9431 5843 976 136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : UTTAR PRADESH

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use					Grand Total
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others	
1	2	3	4	5	6	7	8	9
								10
1.	AGRA	5910	0	0	0	0	0	5910
2.	ALIGARH	255	6	6	1	0	1	269
3.	ALLAHABAD	3020	262	54	52	1	1	3390
4.	AZAMGARH	104	0	0	1	0	16	121
5.	BAHRAICH	122	62	421	16	27	12	660
6.	BALLIA	160	5	326	1	0	5	497
7.	BANDA	6548	0	0	0	0	0	6548
8.	BARABANKI	131	264	1269	17	5	61	1747
9.	BASTI	1115	0	0	0	0	0	1115
10.	BIJNOR	278	1	0	0	0	0	279
11.	BULANDSHAHR	98	0	0	0	0	0	98

12.	DEHRADUN	29	3	2	1	0	0	6	35
13.	DEORIA	1330	626	1071	110	57	164	2028	3358
14.	ETAH	1820	0	0	0	0	0	0	1820
15.	ETAWAH	502	5	106	0	0	1	112	614
16.	FARUKHABAD	57	0	0	0	0	0	0	57
17.	FATEHPUR	959	44	53	148	9	342	596	1555
18.	FIROZABAD	602	21	88	568	59	93	829	1431
19.	GHAZIPUR	288	21	111	11	0	0	143	431
20.	GONDA	122	217	194	69	19	107	606	728
21.	GORAKHPUR	605	59	659	468	30	522	1738	2343
22.	HAMIRPUR	1684	341	174	13	2	6	536	2220
23.	HARDOI	1187	0	0	0	0	0	0	1187
24.	HARDWAR	248	4	0	0	0	2	6	254
25.	JALAUN	2987	239	57	24	11	67	398	3385
26.	JAUNPUR	760	599	97	208	11	315	1230	1990
27.	JHANSI	35331	629	89	10	5	5	738	36069
28.	KANPUR DEHAT	90	3	0	0	0	0	3	93
29.	KUSHI NAGAR	255	467	147	1	4	13	632	887
30.	LALITPUR	23761	0	0	0	0	0	0	23761
31.	LUCKNOW	746	0	0	0	0	0	0	746
32.	MAHOBA	12819	0	0	0	0	0	0	12819
33.	MAHRAJGANJ	283	1	27	0	0	0	28	311
34.	MAINPURI	129	42	133	39	0	0	214	343
35.	MATHURA	876	0	0	0	0	0	0	876
36.	MEERUT	11	0	0	0	0	0	0	11
37.	MIRZAPUR	3195	26	23	8	8	4	69	3264
38.	MORADABAD	1594	6	32	1	0	0	39	1633
39.	NAINITAL	3	0	0	0	0	0	0	3
40.	PRATAPGARH	338	17	1	0	0	0	18	356
41.	RAEBARELY	988	0	0	0	0	1	1	989
42.	SAHARANPUR	61	0	0	0	0	0	0	61
43.	SANT RAVIDAS NAGAR	212	100	136	7	15	39	297	509
44.	SHAHJAHANPUR	967	0	1	3	0	4	8	975
45.	SIDDHARTH NAGAR	755	0	0	0	0	0	0	755
46.	SONBHADRA	3707	0	228	0	0	0	228	3935
47.	SULTANPUR	316	351	395	1	0	95	842	1158
48.	UDHAMSINGH NAGAR	649	4	2	6	0	0	12	661
49.	UNNAO	1345	0	0	0	0	0	0	1345
50.	VARANASI	2473	115	110	7	0	17	249	2722

* State Total :		121825	4540	6012	1791	263	1893	14499	136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : UTTAR PRADESH

(in Nos.)

		Source of Finance for constructing Dugwells					
Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	AGRA	4897	348	215	404	46	5910
2.	ALIGARH	14	151	97	6	1	269
3.	ALLAHABAD	1410	1493	348	85	52	3388
4.	AZAMGARH	18	48	25	27	2	120
5.	BAHRAICH	297	267	32	57	7	660
6.	BALLIA	196	134	54	95	18	497
7.	BANDA	5114	1062	299	23	50	6548
8.	BARABANKI	1518	108	58	38	25	1747
9.	BASTI	391	296	161	249	16	1113
10.	BIJNOR	59	185	32	3	0	279
11.	BULANDSHAHR	35	33	30	0	0	98
12.	DEHRADUN	11	0	15	5	4	35
13.	DEORIA	2789	136	136	231	65	3357
14.	ETAH	786	777	137	90	30	1820
15.	ETAWAH	190	150	136	136	2	614
16.	FARUKHABAD	1	22	34	0	0	57
17.	FATEHPUR	677	274	76	24	502	1553
18.	FIROZABAD	851	212	54	274	40	1431
19.	GHAZIPUR	177	91	80	75	1	424
20.	GONDA	513	44	46	61	64	728
21.	GORAKHPUR	1738	330	59	210	6	2343
22.	HAMIRPUR	1367	707	49	85	10	2218
23.	HARDOI	446	471	121	137	10	1185
24.	HARDWAR	14	183	26	30	1	254
25.	JALAUN	2451	517	337	60	19	3384
26.	JAUNPUR	1495	193	72	205	15	1980
27.	JHANSI	31956	2472	1086	381	146	36041
28.	KANPUR DEHAT	16	33	22	9	0	80
29.	KUSHI NAGAR	389	42	33	102	319	885
30.	LALITPUR	22937	753	48	13	6	23757
31.	LUCKNOW	130	230	48	332	6	746
32.	MAHOBA	11179	1119	216	146	154	12814
33.	MAHRAJGANJ	190	28	1	90	2	311
34.	MAINPURI	253	58	3	29	0	343
35.	MATHURA	418	273	132	44	9	876
36.	MEERUT	4	7	0	0	0	11
37.	MIRZAPUR	2249	416	525	44	17	3251
38.	MORADABAD	308	1075	103	88	58	1632
39.	NAINITAL	0	0	0	0	0	0
40.	PRATAPGARH	8	56	86	205	0	355
41.	RAEBARELY	102	292	117	473	5	989
42.	SAHARANPUR	1	60	0	0	0	61

43.	SANT RAVIDAS NAGAR	465	17	7	18	2	509
44.	SHAHJAHANPUR	17	190	26	720	22	975
45.	SIDDHARTH NAGAR	337	109	30	267	10	753
46.	SONBHADRA	2629	468	727	78	33	3935
47.	SULTANPUR	814	80	39	191	34	1158
48.	UDHAMSINGH NAGAR	423	129	50	36	5	643
49.	UNNAO	382	404	332	223	4	1345
50.	VARANASI	1273	951	232	244	12	2712

* State Total :	103935	17494	6592	6343	1830	136194
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* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : UTTAR PRADESH

(in Nos.)

According to Water Distribution System

Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	AGRA	14	5	5813	2	76	5910
2.	ALIGARH	3	4	260	0	2	269
3.	ALLAHABAD	31	14	3138	24	183	3390
4.	AZAMGARH	1	0	117	0	3	121
5.	BAHRAICH	1	0	172	482	5	660
6.	BALLIA	65	0	365	2	65	497
7.	BANDA	310	24	6094	2	118	6548
8.	BARABANKI	1551	7	151	0	38	1747
9.	BASTI	321	13	762	2	17	1115
10.	BIJNOR	0	2	277	0	0	279
11.	BULANDSHAHR	0	0	98	0	0	98
12.	DEHRADUN	1	1	25	8	0	35
13.	DEORIA	288	147	2663	155	105	3358
14.	ETAH	626	0	1085	5	104	1820
15.	ETAWAH	14	6	523	1	70	614
16.	FARUKHABAD	0	0	57	0	0	57
17.	FATEHPUR	75	25	500	0	955	1555
18.	FIROZABAD	15	3	1121	3	289	1431
19.	GHAZIPUR	136	1	230	1	63	431
20.	GONDA	0	0	164	0	564	728
21.	GORAKHPUR	7	2	2286	11	37	2343
22.	HAMIRPUR	12	51	1916	6	235	2220

23.	HARDOI	3	127	1011	46	0	1187
24.	HARDWAR	0	0	254	0	0	254
25.	JALAUN	26	42	3174	13	130	3385
26.	JAUNPUR	265	2	1393	3	327	1990
27.	JHANSI	392	77	27920	10	7670	36069
28.	KANPUR DEHAT	0	0	93	0	0	93
29.	KUSHI NAGAR	26	27	557	0	277	887
30.	LALITPUR	243	404	22482	33	599	23761
31.	LUCKNOW	6	7	720	0	13	746
32.	MAHOBA	82	26	12354	11	346	12819
33.	MAHRAJGANJ	30	0	278	0	3	311
34.	MAINPURI	1	1	341	0	0	343
35.	MATHURA	0	8	858	0	10	876
36.	MEERUT	0	5	6	0	0	11
37.	MIRZAPUR	11	13	3192	20	28	3264
38.	MORADABAD	158	13	1461	0	1	1633
39.	NAINITAL	0	0	3	0	0	3
40.	PRATAPGARH	14	4	337	1	0	356
41.	RAEBARELY	39	0	922	24	4	989
42.	SAHARANPUR	1	0	34	0	26	61
43.	SANT RAVIDAS NAGAR	104	1	402	0	2	509
44.	SHAHJAHANPUR	1	1	908	1	64	975
45.	SIDDHARTH NAGAR	137	33	561	1	23	755
46.	SONBHADRA	118	229	3333	16	239	3935
47.	SULTANPUR	7	0	1023	0	128	1158
48.	UDHAMSINGH NAGAR	14	2	640	3	2	661
49.	UNNAO	132	78	936	55	144	1345
50.	VARANASI	123	54	2446	9	90	2722

* State Total : 5404 1459 115456 950 13055 136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : UTTAR PRADESH

(in Nos.)

According to Water Lifting Devices for Dugwells

Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	AGRA	255	5655	0	0	0	0	5910
2.	ALIGARH	72	193	1	0	0	3	269

3.	ALLAHABAD	254	3136	0	0	0	0	3390
4.	AZAMGARH	60	57	0	0	0	4	121
5.	BAHRAICH	7	612	4	0	37	0	660
6.	BALLIA	139	303	0	0	9	46	497
7.	BANDA	663	5807	12	1	46	19	6548
8.	BARABANKI	1529	170	2	1	19	26	1747
9.	BASTI	276	829	2	2	0	6	1115
10.	BIJNOR	90	187	0	0	2	0	279
11.	BULANDSHAHR	35	63	0	0	0	0	98
12.	DEHRADUN	8	24	0	0	3	0	35
13.	DEORIA	29	2038	181	246	828	36	3358
14.	ETAH	390	1320	2	0	0	108	1820
15.	ETAWAH	9	463	1	0	71	70	614
16.	FARUKHABAD	11	46	0	0	0	0	57
17.	FATEHPUR	195	1360	0	0	0	0	1555
18.	FIROZABAD	143	461	0	0	760	67	1431
19.	GHAZIPUR	286	144	1	0	0	0	431
20.	GONDA	0	2	0	0	724	2	728
21.	GORAKHPUR	1	183	0	0	2159	0	2343
22.	HAMIRPUR	12	2156	10	0	31	11	2220
23.	HARDOI	24	1124	2	6	30	1	1187
24.	HARDWAR	105	137	0	0	0	12	254
25.	JALAUN	86	2910	5	0	155	229	3385
26.	JAUNPUR	874	461	2	0	541	112	1990
27.	JHANSI	1000	33629	53	3	1220	164	36069
28.	KANPUR DEHAT	3	90	0	0	0	0	93
29.	KUSHI NAGAR	32	183	0	146	3	523	887
30.	LALITPUR	67	21005	10	2	2563	114	23761
31.	LUCKNOW	18	658	29	0	0	41	746
32.	MAHOBA	131	12247	42	5	127	267	12819
33.	MAHRAJGANJ	3	232	0	0	45	31	311
34.	MAINPURI	7	122	59	0	155	0	343
35.	MATHURA	55	819	0	0	0	2	876
36.	MEERUT	11	0	0	0	0	0	11
37.	MIRZAPUR	459	2697	16	0	77	15	3264
38.	MORADABAD	78	1549	1	4	0	1	1633
39.	NAINITAL	1	0	0	0	0	2	3
40.	PRATAPGARH	24	317	14	0	1	0	356
41.	RAEBARELY	66	920	1	1	0	1	989
42.	SAHARANPUR	0	57	0	0	0	4	61
43.	SANT RAVIDAS NAGAR	159	138	0	0	206	6	509
44.	SHAHJAHANPUR	37	925	1	0	12	0	975
45.	SIDDHARTH NAGAR	163	532	13	34	0	13	755
46.	SONBHADRA	65	3636	0	35	134	65	3935
47.	SULTANPUR	1076	82	0	0	0	0	1158
48.	UDHAMSINGH NAGAR	34	118	0	0	469	40	661
49.	UNNAO	190	1154	1	0	0	0	1345
50.	VARANASI	1540	1062	14	0	47	59	2722
* State Total :		10772	112013	479	486	10474	2100	136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : UTTAR PRADESH

(in Nos.)

According to horse power of lifting devices

Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	AGRA	4	0	21	4721	1163	1	0	5910
2.	ALIGARH	2	0	73	179	11	4	0	269
3.	ALLAHABAD	78	1	52	2563	690	6	0	3390
4.	AZAMGARH	4	11	49	54	0	3	0	121
5.	BAHRAICH	0	0	6	87	2	0	565	660
6.	BALLIA	66	3	132	234	46	7	9	497
7.	BANDA	360	4	620	3124	2359	35	46	6548
8.	BARABANKI	1458	0	3	201	21	45	19	1747
9.	BASTI	207	8	133	596	158	13	0	1115
10.	BIJNOR	1	0	44	127	99	6	2	279
11.	BULANDSHAHR	0	0	0	35	63	0	0	98
12.	DEHRADUN	0	0	3	10	18	1	3	35
13.	DEORIA	99	438	1039	838	114	2	828	3358
14.	ETAH	987	4	147	610	62	10	0	1820
15.	ETAWAH	81	8	3	173	277	1	71	614
16.	FARUKHABAD	0	0	0	9	48	0	0	57
17.	FATEHPUR	97	0	8	51	509	890	0	1555
18.	FIROZABAD	4	0	74	453	140	0	760	1431
19.	GHAZIPUR	153	0	135	120	19	2	2	431
20.	GONDA	0	0	1	1	0	0	726	728
21.	GORAKHPUR	0	0	72	110	0	2	2159	2343
22.	HAMIRPUR	9	1	123	1438	614	4	31	2220
23.	HARDOI	12	1	2	1137	4	1	30	1187
24.	HARDWAR	0	0	28	160	57	9	0	254
25.	JALAUN	78	10	296	2041	799	6	155	3385
26.	JAUNPUR	414	12	423	531	69	0	541	1990
27.	JHANSI	218	167	2150	32005	172	137	1220	36069
28.	KANPUR DEHAT	2	0	2	38	50	1	0	93
29.	KUSHI NAGAR	410	294	68	107	5	0	3	887
30.	LALITPUR	25	32	97	20822	222	0	2563	23761
31.	LUCKNOW	3	0	29	318	387	9	0	746
32.	MAHOBA	195	14	822	11424	217	20	127	12819
33.	MAHRAJGANJ	60	64	4	135	3	0	45	311

34.	MAINPURI	6	0	22	127	33	0	155	343
35.	MATHURA	0	0	38	770	65	3	0	876
36.	MEERUT	0	0	2	8	1	0	0	11
37.	MIRZAPUR	25	7	264	2401	475	15	77	3264
38.	MORADABAD	6	3	65	1207	347	5	0	1633
39.	NAINITAL	2	1	0	0	0	0	0	3
40.	PRATAPGARH	2	2	20	307	21	3	1	356
41.	RAEBARELY	69	1	50	862	6	1	0	989
42.	SAHARANPUR	16	0	0	9	32	4	0	61
43.	SANT RAVIDAS NAGAR	4	0	205	80	12	2	206	509
44.	SHAHJAHANPUR	2	1	40	617	301	2	12	975
45.	SIDDHARTH NAGAR	160	2	43	529	18	3	0	755
46.	SONBHADRA	58	8	149	3330	242	14	134	3935
47.	SULTANPUR	1	577	68	69	3	1	439	1158
48.	UDHAMSINGH NAGAR	37	0	47	93	7	8	469	661
49.	UNNAO	36	1	177	899	231	1	0	1345
50.	VARANASI	311	7	913	1229	186	29	47	2722

* State Total :		5762	1682	8762	96989	10378	1306	11445	136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours

State : UTTAR PRADESH

(in Nos.)

Sl. No.	Name of District	Location of Dugwells			According to Average Pumping Hours during peak season						
		On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	AGRA	308	5602	5910	1380	4317	209	1	3	0	5910
2.	ALIGARH	32	237	269	10	87	172	0	0	0	269
3.	ALLAHABAD	543	2847	3390	2725	573	81	6	4	1	3390
4.	AZAMGARH	36	85	121	12	46	57	0	6	0	121
5.	BAHRAICH	6	654	660	607	44	9	0	0	0	660
6.	BALLIA	234	263	497	194	209	90	4	0	0	497
7.	BANDA	2042	4506	6548	2917	2575	457	459	138	2	6548
8.	BARABANKI	1369	378	1747	1630	94	23	0	0	0	1747
9.	BASTI	444	671	1115	153	724	212	19	6	1	1115
10.	BIJNOR	33	246	279	17	194	45	23	0	0	279
11.	BULANDSHAHR	33	65	98	33	65	0	0	0	0	98
12.	DEHRADUN	1	34	35	18	17	0	0	0	0	35
13.	DEORIA	746	2612	3358	851	2203	304	0	0	0	3358

14.	ETAH	57	1763	1820	1244	514	58	4	0	0	1820
15.	ETAWAH	141	473	614	388	193	28	4	1	0	614
16.	FARUKHABAD	14	43	57	29	28	0	0	0	0	57
17.	FATEHPUR	121	1434	1555	158	1321	40	9	21	6	1555
18.	FIROZABAD	734	697	1431	831	419	181	0	0	0	1431
19.	GHAZIPUR	204	227	431	13	305	96	15	2	0	431
20.	GONDA	521	207	728	714	14	0	0	0	0	728
21.	GORAKHPUR	0	2343	2343	2261	66	16	0	0	0	2343
22.	HAMIRPUR	305	1915	2220	399	1483	337	1	0	0	2220
23.	HARDOI	160	1027	1187	254	366	448	112	6	1	1187
24.	HARDWAR	123	131	254	29	194	31	0	0	0	254
25.	JALAUN	1159	2226	3385	779	1639	734	83	25	125	3385
26.	JAUNPUR	1037	953	1990	800	1001	180	4	4	1	1990
27.	JHANSI	4418	31651	36069	27913	7648	453	12	12	31	36069
28.	KANPUR DEHAT	29	64	93	5	62	23	3	0	0	93
29.	KUSHI NAGAR	136	751	887	735	144	8	0	0	0	887
30.	LALITPUR	10966	12795	23761	17268	6255	230	7	1	0	23761
31.	LUCKNOW	83	663	746	64	596	79	6	1	0	746
32.	MAHOBA	1386	11433	12819	10275	2209	241	20	16	58	12819
33.	MAHRAJGANJ	55	256	311	107	194	10	0	0	0	311
34.	MAINPURI	113	230	343	169	125	46	2	1	0	343
35.	MATHURA	93	783	876	92	618	165	0	1	0	876
36.	MEERUT	0	11	11	0	0	11	0	0	0	11
37.	MIRZAPUR	1748	1516	3264	1928	911	387	36	0	2	3264
38.	MORADABAD	225	1408	1633	544	730	336	11	12	0	1633
39.	NAINITAL	3	0	3	0	3	0	0	0	0	3
40.	PRATAPGARH	74	282	356	148	198	9	0	0	1	356
41.	RAEBARELY	251	738	989	220	611	150	8	0	0	989
42.	SAHARANPUR	33	28	61	25	35	1	0	0	0	61
43.	SANT RAVIDAS NAGAR	381	128	509	153	313	42	0	1	0	509
44.	SHAHJAHANPUR	5	970	975	59	136	763	15	2	0	975
45.	SIDDHARTH NAGAR	156	599	755	118	530	104	2	1	0	755
46.	SONBHADRA	1561	2374	3935	2732	908	144	70	46	35	3935
47.	SULTANPUR	202	956	1158	1083	28	42	5	0	0	1158
48.	UDHAMSINGH NAGAR	111	550	661	53	171	199	81	24	133	661
49.	UNNAO	490	855	1345	436	593	277	39	0	0	1345
50.	VARANASI	1356	1366	2722	778	1636	279	20	3	6	2722

* State Total :		34278	102046	136324	83351	43345	7807	1081	337	403	136324

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : UTTAR PRADESH

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	AGRA	5910	0	66	0
2.	ALIGARH	269	10	115	2
3.	ALLAHABAD	3390	6	117	1
4.	AZAMGARH	121	26	130	0
5.	BAHRAICH	660	0	13	0
6.	BALLIA	497	6	79	0
7.	BANDA	6548	4	90	0
8.	BARABANKI	1747	0	55	0
9.	BASTI	1115	2	32	0
10.	BIJNOR	279	4	168	9
11.	BULANDSHAHR	98	76	251	0
12.	DEHRADUN	35	42	194	15
13.	DEORIA	3358	0	27	0
14.	ETAH	1820	5	78	1
15.	ETAWAH	614	1	109	0
16.	FARUKHABAD	57	50	228	1
17.	FATEHPUR	1555	1	98	0
18.	FIROZABAD	1431	6	163	1
19.	GHAZIPUR	431	1	90	0
20.	GONDA	728	0	9	0
21.	GORAKHPUR	2343	0	12	0
22.	HAMIRPUR	2220	5	83	0
23.	HARDOI	1187	0	36	1
24.	HARDWAR	254	24	91	1
25.	JALAUN	3385	9	89	2
26.	JAUNPUR	1990	7	108	1
27.	JHANSI	36069	1	47	0
28.	KANPUR DEHAT	93	1	159	0
29.	KUSHI NAGAR	887	0	32	0
30.	LALITPUR	23761	1	41	0
31.	LUCKNOW	746	1	52	0
32.	MAHOBA	12819	1	48	0
33.	MAHRAJGANJ	311	0	41	2
34.	MAINPURI	343	0	117	0
35.	MATHURA	876	1	88	0
36.	MEERUT	11	4	154	0
37.	MIRZAPUR	3264	11	115	5
38.	MORADABAD	1633	1	83	0
39.	NAINITAL	3	7	69	0
40.	PRATAPGARH	356	18	82	2
41.	RAEBARELY	989	0	122	1
42.	SAHARANPUR	61	0	100	0
43.	SANT RAVIDAS NAGAR	509	26	146	1
44.	SHAHJAHANPUR	975	0	42	0

45.	SIDDHARTH NAGAR	755	0	40	0
46.	SONBHADRA	3935	0	66	0
47.	SULTANPUR	1158	0	43	0
48.	UDHAMSINGH NAGAR	661	17	205	0
49.	UNNAO	1345	0	62	2
50.	VARANASI	2722	6	108	2

* State Average:		136324	11	91	2

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : UTTAR PRADESH

(in Ha.)

Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				Total
			Khariif	Rabi	Perennial	Others	
1	2	3	4	5	6	7	8

1.	AGRA	34319	15764	23251	13192	13	52220
2.	ALIGARH	1652	1071	1113	492	72	2748
3.	ALLAHABAD	6048	3099	5680	173	82	9034
4.	AZAMGARH	561	271	408	413	15	1107
5.	BAHRAICH	314	742	843	1346	79	3010
6.	BALLIA	871	404	530	78	44	1056
7.	BANDA	27404	7241	16479	2599	1113	27432
8.	BARABANKI	323	203	239	121	64	627
9.	BASTI	5985	3543	3778	2923	240	10484
10.	BIJNOR	656	276	302	346	89	1013
11.	BULANDSHAHR	224	48	144	0	33	225
12.	DEHRADUN	95	57	53	1	6	117
13.	DEORIA	4973	3447	2856	1266	277	7846
14.	ETAH	13506	6988	7612	6739	747	22086
15.	ETAWAH	2079	905	1081	52	43	2081
16.	FARUKHABAD	174	30	104	0	44	178
17.	FATEHPUR	3761	2949	1110	501	198	4758
18.	FIROZABAD	6369	3035	3138	1644	167	7984
19.	GHAZIPUR	1727	1169	1376	7	48	2600
20.	GONDA	1348	1308	43	9	18	1378
21.	GORAKHPUR	679	501	176	400	172	1249
22.	HAMIRPUR	6512	938	5907	217	717	7779
23.	HARDOI	4862	2888	3801	1072	675	8436
24.	HARDWAR	611	614	822	1179	28	2643
25.	JALAUN	9510	1909	8787	45	140	10881

26.	JAUNPUR	4315	2346	2830	492	327	5995
27.	JHANSI	90557	14716	66352	2106	20165	103339
28.	KANPUR DEHAT	1227	238	483	638	92	1451
29.	KUSHI NAGAR	736	382	375	265	23	1045
30.	LALITPUR	48337	0	48337	0	0	48337
31.	LUCKNOW	3376	1591	1869	917	668	5045
32.	MAHOBA	31436	5916	25021	191	310	31438
33.	MAHRAJGANJ	839	429	524	91	29	1073
34.	MAINPURI	1232	643	703	156	79	1581
35.	MATHURA	3621	1749	2388	711	294	5142
36.	MEERUT	39	19	16	3	1	39
37.	MIRZAPUR	10051	3254	6278	245	276	10053
38.	MORADABAD	3523	2311	2450	403	161	5325
39.	NAINITAL	70	70	70	0	4	144
40.	PRATAPGARH	1244	498	988	202	153	1841
41.	RAEBARELY	2823	1292	1295	110	128	2825
42.	SAHARANPUR	186	71	67	16	53	207
43.	SANT RAVIDAS NAGAR	1816	709	971	236	505	2421
44.	SHAHJAHANPUR	2863	852	2585	176	13	3626
45.	SIDDHARTH NAGAR	2688	1063	1326	730	166	3285
46.	SONBHADRA	11243	4020	4083	2964	175	11242
47.	SULTANPUR	3036	1055	1135	453	394	3037
48.	UDHAMSINGH NAGAR	5786	3302	3250	2249	140	8941
49.	UNNAO	9459	4247	5065	37	2952	12301
50.	VARANASI	9755	5452	6271	628	640	12991

 * State Total : 384821 115625 274365 48834 32872 471696

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : UTTAR PRADESH

(in Ha.)

Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Kharif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	AGRA	2353	7802	330	22	10507
2.	ALIGARH	800	827	50	14	1691
3.	ALLAHABAD	901	4732	125	49	5807
4.	AZAMGARH	112	314	204	8	638

5.	BAHRAICH	703	712	1328	77	2820
6.	BALLIA	195	247	69	28	539
7.	BANDA	7240	16479	2599	1113	27431
8.	BARABANKI	163	179	51	46	439
9.	BASTI	1396	1567	684	311	3958
10.	BIJNOR	268	262	299	44	873
11.	BULANDSHAHR	48	144	0	33	225
12.	DEHRADUN	36	41	0	2	79
13.	DEORIA	1225	1470	155	139	2989
14.	ETAH	6414	7060	337	163	13974
15.	ETAWAH	612	904	48	44	1608
16.	FARUKHABAD	29	101	0	42	172
17.	FATEHPUR	526	731	537	172	1966
18.	FIROZABAD	1306	1470	71	122	2969
19.	GHAZIPUR	0	0	1	0	1
20.	GONDA	7	21	2	6	36
21.	GORAKHPUR	152	61	327	61	601
22.	HAMIRPUR	796	4705	137	171	5809
23.	HARDOI	1743	2596	593	278	5210
24.	HARDWAR	614	803	1186	9	2612
25.	JALAUN	1095	7711	19	83	8908
26.	JAUNPUR	1154	1601	400	111	3266
27.	JHANSI	13185	60534	1629	19930	95278
28.	KANPUR DEHAT	231	453	623	70	1377
29.	KUSHI NAGAR	207	229	101	11	548
30.	LALITPUR	0	48337	0	0	48337
31.	LUCKNOW	723	927	453	232	2335
32.	MAHOBA	5916	25021	191	310	31438
33.	MAHRAJGANJ	276	342	46	31	695
34.	MAINPURI	220	242	1	59	522
35.	MATHURA	604	1023	176	280	2083
36.	MEEERUT	19	16	3	1	39
37.	MIRZAPUR	2966	5673	182	177	8998
38.	MORADABAD	2080	2224	397	155	4856
39.	NAINITAL	70	70	0	0	140
40.	PRATAPGARH	312	800	9	95	1216
41.	RAEBARELY	1379	1200	130	113	2822
42.	SAHARANPUR	72	60	5	57	194
43.	SANT RAVIDAS NAGAR	167	244	91	20	522
44.	SHAHJAHANPUR	828	2547	144	23	3542
45.	SIDDHARTH NAGAR	527	722	246	116	1611
46.	SONBHADRA	3295	3332	2271	94	8992
47.	SULTANPUR	94	121	87	52	354
48.	UDHAMSINGH NAGAR	3196	3147	2216	131	8690
49.	UNNAO	1646	1971	62	99	3778
50.	VARANASI	4649	5282	586	540	11057

* State Total :		72550	227057	19201	25744	344552

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.15 Irrigation through supplementary sources

State : UTTAR PRADESH

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	AGRA	16	15	0	0	31
2.	ALIGARH	0	0	0	0	0
3.	ALLAHABAD	2	8	4	0	14
4.	AZAMGARH	8	9	1	0	18
5.	BAHRAICH	0	0	0	0	0
6.	BALLIA	4	3	1	0	8
7.	BANDA	54	110	1	0	165
8.	BARABANKI	8	8	4	0	20
9.	BASTI	1	5	0	0	6
10.	BIJNOR	1	0	0	0	1
11.	BULANDSHAHR	0	0	0	0	0
12.	DEHRADUN	0	0	0	0	0
13.	DEORIA	3	6	0	0	9
14.	ETAH	0	3	0	0	3
15.	ETAWAH	34	30	0	0	64
16.	FARUKHABAD	0	0	0	0	0
17.	FATEHPUR	29	28	7	3	67
18.	FIROZABAD	182	192	63	105	542
19.	GHAZIPUR	0	0	0	0	0
20.	GONDA	0	1	0	0	1
21.	GORAKHPUR	0	0	1	0	1
22.	HAMIRPUR	13	42	10	0	65
23.	HARDOI	16	12	2	4	34
24.	HARDWAR	54	27	5	0	86
25.	JALAUN	213	1375	6	51	1645
26.	JAUNPUR	7	7	0	0	14
27.	JHANSI	102	299	0	0	401
28.	KANPUR DEHAT	57	87	0	0	144
29.	KUSHI NAGAR	44	42	18	0	104
30.	LALITPUR	0	0	0	0	0
31.	LUCKNOW	233	202	109	29	573
32.	MAHOBA	43	420	16	1	480
33.	MAHRAJGANJ	101	123	12	0	236
34.	MAINPURI	119	119	0	57	295
35.	MATHURA	180	190	0	46	416
36.	MEERUT	0	0	0	0	0

37.	MIRZAPUR	1558	1752	75	41	3426
38.	MORADABAD	285	447	29	9	770
39.	NAINITAL	0	0	0	0	0
40.	PRATAPGARH	164	40	0	0	204
41.	RAEBARELY	2728	86	5	2	2821
42.	SAHARANPUR	0	0	0	0	0
43.	SANT RAVIDAS NAGAR	32	42	32	14	120
44.	SHAHJAHANPUR	248	224	30	0	502
45.	SIDDHARTH NAGAR	9	10	0	2	21
46.	SONBHADRA	869	683	550	6	2108
47.	SULTANPUR	6	1	0	0	7
48.	UDHAMSINGH NAGAR	22	22	0	0	44
49.	UNNAO	3387	384	5	2	3778
50.	VARANASI	1463	1465	2	81	3011

* State Total :		12295	8519	988	453	22255

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : UTTAR PRADESH

(in Nos.)

		No. of Dugwells in use	No. of Dugwells with no cons'tnts	Constraints in utilisation of Irri. Pot. Created				Grand Total (4 + 9)	
Sl. No.	Name of District			Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason		Total (5 to 8)
1	2	3	4	5	6	7	8	9	10
1.	AGRA	5910	0	58	773	2402	2677	5910	5910
2.	ALIGARH	255	0	6	0	0	249	255	255
3.	ALLAHABAD	3020	0	916	39	1784	281	3020	3020
4.	AZAMGARH	104	0	29	0	0	75	104	104
5.	BAHRAICH	122	96	0	0	15	11	26	122
6.	BALLIA	160	0	97	31	0	32	160	160
7.	BANDA	6548	0	2650	106	1784	2008	6548	6548
8.	BARABANKI	131	0	131	0	0	0	131	131
9.	BASTI	1115	0	458	32	0	625	1115	1115
10.	BIJNOR	278	0	48	0	0	230	278	278
11.	BULANDSHAHR	98	0	0	0	0	98	98	98
12.	DEHRADUN	29	0	3	0	16	10	29	29
13.	DEORIA	1330	0	131	57	70	1072	1330	1330
14.	ETAH	1820	0	58	0	0	1762	1820	1820
15.	ETAWAH	502	0	3	0	0	499	502	502
16.	FARUKHABAD	57	0	0	0	0	57	57	57

17.	FATEHPUR	959	0	55	37	9	858	959	959
18.	FIROZABAD	602	0	188	204	19	191	602	602
19.	GHAZIPUR	288	0	249	8	2	29	288	288
20.	GONDA	122	61	0	0	20	41	61	122
21.	GORAKHPUR	605	0	0	0	0	605	605	605
22.	HAMIRPUR	1684	0	7	235	349	1093	1684	1684
23.	HARDOI	1187	0	1	0	0	1186	1187	1187
24.	HARDWAR	248	1	55	27	0	165	247	248
25.	JALAUN	2987	0	308	232	744	1703	2987	2987
26.	JAUNPUR	760	0	275	104	5	376	760	760
27.	JHANSI	35331	0	78	39	34523	691	35331	35331
28.	KANPUR DEHAT	90	0	83	0	2	5	90	90
29.	KUSHI NAGAR	255	0	6	0	0	249	255	255
30.	LALITPUR	23761	0	32	229	11822	11678	23761	23761
31.	LUCKNOW	746	0	0	0	0	746	746	746
32.	MAHOBA	12819	0	759	39	9881	2140	12819	12819
33.	MAHRAJGANJ	283	0	43	1	0	239	283	283
34.	MAINPUR	129	0	8	48	51	22	129	129
35.	MATHURA	876	0	740	79	47	10	876	876
36.	MEERUT	11	0	11	0	0	0	11	11
37.	MIRZAPUR	3195	3	715	307	1138	1032	3192	3195
38.	MORADABAD	1594	0	58	24	70	1442	1594	1594
39.	NAINITAL	3	0	1	0	0	2	3	3
40.	PRATAPGARH	338	0	10	2	6	320	338	338
41.	RAEBARELY	988	0	962	0	0	26	988	988
42.	SAHARANPUR	61	0	0	0	0	61	61	61
43.	SANT RAVIDAS NAGAR	212	0	177	0	1	34	212	212
44.	SHAHJAHANPUR	967	99	2	15	0	851	868	967
45.	SIDDHARTH NAGAR	755	0	128	2	13	612	755	755
46.	SONBHADRA	3707	4	159	131	1341	2072	3703	3707
47.	SULTANPUR	316	190	0	0	7	119	126	316
48.	UDHAMSINGH NAGAR	649	0	12	1	1	635	649	649
49.	UNNAO	1345	0	0	0	0	1345	1345	1345
50.	VARANASI	2473	0	1166	637	64	606	2473	2473

* State Total : 121825 454 10876 3439 66186 40870 121371 121825

* Data in respect of the remaining 18 Districts are NIL.

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.1 Construction of Dugwells over the year

State : WEST BENGAL

(in Nos.)

Construction of Dugwells over the years

Sl. No.	Name of District	Upto 1986-87	During 1987-88	During 1988-89	During 1989-90	During 1990-91	During 1991-92	During 1992-93	During 1993-94	Total (3 to 10)
1	2	3	4	5	6	7	8	9	10	11
1.	BANKURA	2781	571	592	773	818	566	696	814	7611
2.	BIRBHUM	438	93	91	83	94	134	110	153	1196
3.	BURDWAN	152	28	23	42	35	32	23	23	358
4.	COOCHBEHAR	1238	129	59	60	146	241	427	4570	6870
5.	DAKSHIN DINAJPUR	106	18	33	18	40	22	20	51	308
6.	DARJEELING	63	4	4	1	4	18	26	4	124
7.	HOOGLY	22	12	15	31	58	14	12	6	170
8.	HOWRAH	0	0	0	0	1	1	2	0	4
9.	JALPAIGURI	505	170	179	275	327	460	725	1155	3796
10.	MALDA	1	0	0	1	0	23	0	0	25
11.	MIDNAPORE	6842	2049	1625	1704	1370	979	586	467	15622
12.	MURSHIDABAD	17	18	2	7	12	10	4	11	81
13.	NADIA	27	10	11	16	22	18	85	4	193
14.	NORTH 24 PARGANAS	9	0	1	0	0	0	0	0	10
15.	PURULIA	9224	1705	1586	1326	1538	1378	1250	1441	19448
16.	SOUTH 24 PARGANAS	22	1	1	8	25	16	1	3	77
17.	UTTAR DINAJPUR	7	4	2	12	22	20	17	6	90
State Total :		21454	4812	4224	4357	4512	3932	3984	8708	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.2 Distribution according to ownership

State : WEST BENGAL

(in Nos.)

		Dugwells Owned by							
Sl. No.	Name of District	Govt. Owned	Coop. Societies	Panchayat Owned	Group of farmers	Individual farmers	Others	Total (3 to 8)	
1	2	3	4	5	6	7	8	9	
1.	BANKURA	573	12	308	649	6019	50	7611	
2.	BIRBHUM	181	1	49	93	871	1	1196	
3.	BURDWAN	18	3	29	32	274	2	358	
4.	COOCHBEHAR	25	0	159	17	5657	1012	6870	
5.	DAKSHIN DINAJPUR	27	1	0	5	275	0	308	
6.	DARJEELING	22	0	16	23	63	0	124	
7.	HOOGLY	0	0	7	2	161	0	170	
8.	HOWRAH	0	0	0	0	4	0	4	
9.	JALPAIGURI	828	36	1368	70	1441	53	3796	
10.	MALDA	0	0	23	1	1	0	25	
11.	MIDNAPORE	342	18	285	514	14430	33	15622	

12.	MURSHIDABAD	1	0	0	0	80	0	81
13.	NADIA	16	0	0	0	177	0	193
14.	NORTH 24 PARGANAS	0	0	0	0	10	0	10
15.	PURULIA	2144	100	810	1004	15256	134	19448
16.	SOUTH 24 PARGANAS	14	0	0	0	63	0	77
17.	UTTAR DINAJPUR	14	0	3	4	69	0	90
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State Total :		4205	171	3057	2414	44851	1285	55983
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MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.3 Distribution of Dugwells according to the holding size

State : WEST BENGAL

(in Nos.)

		According to Farmers' Holding size				

Sl. No.	Name of District	Marginal (0-1 ha)	Small (1-2 ha)	Medium (2-10 ha)	Big (>10 ha)	Total (3 to 6)
-----		-----				
1	2	3	4	5	6	7
-----		-----				
1.	BANKURA	4481	1772	399	16	6668
2.	BIRBHUM	571	295	95	3	964
3.	BURDWAN	175	55	71	5	306
4.	COOCHBEHAR	4263	1059	346	6	5674
5.	DAKSHIN DINAJPUR	161	80	33	6	280
6.	DARJEELING	60	16	9	1	86
7.	HOOGLY	68	82	13	0	163
8.	HOWRAH	3	1	0	0	4
9.	JALPAIGURI	675	588	244	4	1511
10.	MALDA	1	0	1	0	2
11.	MIDNAPORE	10593	3258	1007	86	14944
12.	MURSHIDABAD	33	45	2	0	80
13.	NADIA	130	44	3	0	177
14.	NORTH 24 PARGANAS	1	5	4	0	10
15.	PURULIA	8806	5490	1854	110	16260
16.	SOUTH 24 PARGANAS	37	26	0	0	63
17.	UTTAR DINAJPUR	14	37	21	1	73
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State Total :		30072	12853	4102	238	47265
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MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.4 Distribution of Dugwells according to social status

State : WEST BENGAL

(in Nos.)

		According to Social Status of farmers	Owned by	Grand

Sl. No.	Name of District	Schedule Caste	Schedule Tribe	Others	Total (3+4+5)	other than ind./group of farmers	Total (6 + 7)
1	2	3	4	5	6	7	8
1.	BANKURA	2059	1332	3277	6668	943	7611
2.	BIRBHUM	299	146	519	964	232	1196
3.	BURDWAN	100	60	146	306	52	358
4.	COOCHBEHAR	4236	5	1433	5674	1196	6870
5.	DAKSHIN DINAJPUR	33	94	153	280	28	308
6.	DARJEELING	50	19	17	86	38	124
7.	HOOGLY	45	6	112	163	7	170
8.	HOWRAH	0	0	4	4	0	4
9.	JALPAIGURI	655	292	564	1511	2285	3796
10.	MALDA	0	0	2	2	23	25
11.	MIDNAPORE	2590	2523	9831	14944	678	15622
12.	MURSHIDABAD	9	0	71	80	1	81
13.	NADIA	112	0	65	177	16	193
14.	NORTH 24 PARGANAS	1	0	9	10	0	10
15.	PURULIA	2587	2659	11014	16260	3188	19448
16.	SOUTH 24 PARGANAS	37	0	26	63	14	77
17.	UTTAR DINAJPUR	26	3	44	73	17	90
State Total :		12839	7139	27287	47265	8718	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.5 Distribution of Dugwells by its type

State : WEST BENGAL		(in Nos.)				
		Type of Dugwells				
Sl. No.	Name of District	Pucca	Kuchcha	Dug-cum Borewell	Others	Total (3 to 6)
1	2	3	4	5	6	7
1.	BANKURA	6289	1259	35	28	7611
2.	BIRBHUM	1085	44	18	49	1196
3.	BURDWAN	273	49	23	13	358
4.	COOCHBEHAR	803	6049	0	18	6870
5.	DAKSHIN DINAJPUR	124	183	0	1	308
6.	DARJEELING	118	5	1	0	124
7.	HOOGLY	105	58	1	6	170
8.	HOWRAH	4	0	0	0	4
9.	JALPAIGURI	3429	287	77	3	3796
10.	MALDA	1	0	0	24	25
11.	MIDNAPORE	5442	9466	586	128	15622

12.	MURSHIDABAD	78	0	0	3	81
13.	NADIA	140	50	0	3	193
14.	NORTH 24 PARGANAS	10	0	0	0	10
15.	PURULIA	17055	2285	23	85	19448
16.	SOUTH 24 PARGANAS	63	0	14	0	77
17.	UTTAR DINAJPUR	89	1	0	0	90

State Total :		35108	19736	778	361	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.6 Distribution of Dugwells by its status

State : WEST BENGAL

(in Nos.)

Sl. No.	Name of District	Wells	Dugwells Not in Use					Total (4 to 8)	Grand Total (3 + 9)
		In Use	Temporary	Abandoned (Salinity)	Dried up	Destroyed	Others		
1	2	3	4	5	6	7	8	9	10
1.	BANKURA	6794	545	29	131	57	55	817	7611
2.	BIRBHUM	709	321	33	82	29	22	487	1196
3.	BURDWAN	273	33	2	33	3	14	85	358
4.	COOCHBEHAR	5979	882	0	1	0	8	891	6870
5.	DAKSHIN DINAJPUR	299	6	1	1	0	1	9	308
6.	DARJEELING	71	35	0	8	6	4	53	124
7.	HOOGLY	163	5	0	0	0	2	7	170
8.	HOWRAH	4	0	0	0	0	0	0	4
9.	JALPAIGURI	2761	731	12	72	62	158	1035	3796
10.	MALDA	25	0	0	0	0	0	0	25
11.	MIDNAPORE	13642	1159	84	439	219	79	1980	15622
12.	MURSHIDABAD	66	14	0	1	0	0	15	81
13.	NADIA	182	11	0	0	0	0	11	193
14.	NORTH 24 PARGANAS	10	0	0	0	0	0	0	10
15.	PURULIA	18730	492	58	89	35	44	718	19448
16.	SOUTH 24 PARGANAS	77	0	0	0	0	0	0	77
17.	UTTAR DINAJPUR	77	5	1	4	0	3	13	90
State Total :		49862	4239	220	861	411	390	6121	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.7 Distribution of Dugwells according to Finance source

State : WEST BENGAL

(in Nos.)

Source of Finance for constructing Dugwells

Sl. No.	Name of District	Farmers Saving	Loan & Saving	Subsidy & Bank loan	Subsidy Only	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BANKURA	1714	350	613	4021	340	7038
2.	BIRBHUM	68	75	92	716	64	1015
3.	BURDWAN	80	31	23	195	11	340
4.	COOCHBEHAR	5299	63	5	415	1063	6845
5.	DAKSHIN DINAJPUR	183	94	3	1	0	281
6.	DARJEELING	6	2	1	87	6	102
7.	HOOGLY	49	81	7	26	7	170
8.	HOWRAH	0	4	0	0	0	4
9.	JALPAIGURI	821	69	109	1704	265	2968
10.	MALDA	1	24	0	0	0	25
11.	MIDNAPORE	10190	865	966	3011	248	15280
12.	MURSHIDABAD	1	79	0	0	0	80
13.	NADIA	7	158	4	3	5	177
14.	NORTH 24 PARGANAS	0	6	0	2	2	10
15.	PURULIA	8058	733	1792	6193	528	17304
16.	SOUTH 24 PARGANAS	14	49	0	0	0	63
17.	UTTAR DINAJPUR	3	59	0	12	2	76
State Total :		26494	2742	3615	16386	2541	51778

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.8 Dugwells according to water distribution system

State : WEST BENGAL

(in Nos.)

According to Water Distribution System							
Sl. No.	Name of District	Sprinkler	Drip Irri.	Open Channel	Under gr. Channel	Others	Total (3 to 7)
1	2	3	4	5	6	7	8
1.	BANKURA	378	253	5458	50	1472	7611
2.	BIRBHUM	13	0	1041	3	139	1196
3.	BURDWAN	6	1	318	3	30	358
4.	COOCHBEHAR	0	0	6828	0	42	6870
5.	DAKSHIN DINAJPUR	28	3	269	8	0	308
6.	DARJEELING	11	7	100	0	6	124
7.	HOOGLY	2	1	166	0	1	170
8.	HOWRAH	0	0	4	0	0	4
9.	JALPAIGURI	296	2	3339	10	149	3796
10.	MALDA	0	0	25	0	0	25
11.	MIDNAPORE	1193	234	12743	557	895	15622

12.	MURSHIDABAD	1	0	80	0	0	81
13.	NADIA	2	1	187	0	3	193
14.	NORTH 24 PARGANAS	0	0	10	0	0	10
15.	PURULIA	633	138	15415	93	3169	19448
16.	SOUTH 24 PARGANAS	0	0	77	0	0	77
17.	UTTAR DINAJPUR	31	1	40	0	18	90
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State Total :		2594	641	46100	724	5924	55983
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MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.9 Dugwells according to water lifting device

State : WEST BENGAL

(in Nos.)

According to Water Lifting Devices for Dugwells								
Sl. No.	Name of District	Electric Pumps	Diesel Pumps	Wind Mills	Solar Pumps	Man/Ani. operated	Others	Total (3 to 8)
1	2	3	4	5	6	7	8	9
1.	BANKURA	41	3103	20	5	4119	323	7611
2.	BIRBHUM	17	590	1	0	555	33	1196
3.	BURDWAN	14	184	0	0	146	14	358
4.	COOCHBEHAR	0	167	1	4	6697	1	6870
5.	DAKSHIN DINAJPUR	8	119	0	0	181	0	308
6.	DARJEELING	3	80	1	0	35	5	124
7.	HOOGLY	65	78	0	0	14	13	170
8.	HOWRAH	0	1	0	0	3	0	4
9.	JALPAIGURI	321	2710	4	0	461	300	3796
10.	MALDA	0	1	0	0	24	0	25
11.	MIDNAPORE	236	7733	154	23	4113	3363	15622
12.	MURSHIDABAD	6	75	0	0	0	0	81
13.	NADIA	28	155	0	0	10	0	193
14.	NORTH 24 PARGANAS	0	10	0	0	0	0	10
15.	PURULIA	345	498	26	6	16629	1944	19448
16.	SOUTH 24 PARGANAS	0	76	0	0	1	0	77
17.	UTTAR DINAJPUR	2	62	0	0	20	6	90
State Total :		1086	15642	207	38	33008	6002	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.10 Dugwells according to horse power

State : WEST BENGAL

(in Nos.)

		According to horse power of lifting devices							
Sl. No.	Name of District	0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	Above 10 hp	Unspecified hp = 0	Total (3 to 9)
1	2	3	4	5	6	7	8	9	10
1.	BANKURA	197	601	2644	0	0	0	4169	7611
2.	BIRBHUM	7	7	627	0	0	0	555	1196
3.	BURDWAN	8	0	204	0	0	0	146	358
4.	COOCHBEHAR	3	2	168	0	0	0	6697	6870
5.	DAKSHIN DINAJPUR	0	0	126	0	0	0	182	308
6.	DARJEELING	0	1	87	0	0	0	36	124
7.	HOOGLY	0	39	117	0	0	0	14	170
8.	HOWRAH	0	0	1	0	0	0	3	4
9.	JALPAIGURI	6	518	2811	0	0	0	461	3796
10.	MALDA	0	0	1	0	0	0	24	25
11.	MIDNAPORE	1220	3973	6315	0	0	0	4114	15622
12.	MURSHIDABAD	0	0	81	0	0	0	0	81
13.	NADIA	1	0	182	0	0	0	10	193
14.	NORTH 24 PARGANAS	0	0	10	0	0	0	0	10
15.	PURULIA	758	1782	279	0	0	0	16629	19448
16.	SOUTH 24 PARGANAS	0	0	76	0	0	0	1	77
17.	UTTAR DINAJPUR	8	0	62	0	0	0	20	90
State Total :		2208	6923	13791	0	0	0	33061	55983

MINOR IRRIGATION CENSUS (1993-94)**DUGWELLS (COMPLETED) SCHEDULE A-1****Table 1.11 Dugwells in the command of Major/Medium projects and average pumping hours**

State : WEST BENGAL

(in Nos.)

		Location of Dugwells			According to Average Pumping Hours during peak season						
Sl. No.	Name of District	On the Maj/Med	Outside Command	Total (3 + 4)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (6 to 11)
1	2	3	4	5	6	7	8	9	10	11	12
1.	BANKURA	1452	6159	7611	6799	812	0	0	0	0	7611
2.	BIRBHUM	208	988	1196	1036	160	0	0	0	0	1196
3.	BURDWAN	120	238	358	263	95	0	0	0	0	358
4.	COOCHBEHAR	57	6813	6870	6550	320	0	0	0	0	6870
5.	DAKSHIN DINAJPUR	8	300	308	266	42	0	0	0	0	308
6.	DARJEELING	0	124	124	96	28	0	0	0	0	124
7.	HOOGLY	21	149	170	87	83	0	0	0	0	170

8.	HOWRAH	0	4	4	1	3	0	0	0	0	4
9.	JALPAIGURI	169	3627	3796	2148	1648	0	0	0	0	3796
10.	MALDA	0	25	25	25	0	0	0	0	0	25
11.	MIDNAPORE	1572	14050	15622	12001	3621	0	0	0	0	15622
12.	MURSHIDABAD	0	81	81	12	69	0	0	0	0	81
13.	NADIA	2	191	193	35	158	0	0	0	0	193
14.	NORTH 24 PARGANAS	0	10	10	4	6	0	0	0	0	10
15.	PURULIA	1496	17952	19448	19231	217	0	0	0	0	19448
16.	SOUTH 24 PARGANAS	27	50	77	18	59	0	0	0	0	77
17.	UTTAR DINAJPUR	2	88	90	48	42	0	0	0	0	90

State Total :		5134	50849	55983	48620	7363	0	0	0	0	55983

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.12 Average length of Water Conveyance Channel

State : WEST BENGAL

(in Mts.)

Sl. No.	Name of District	Total Number of Schemes	Average length of channels		
			Pucca Channel	Kuccha Channel	Under ground Channel
1	2	3	4	5	6
1.	BANKURA	7611	1	44	0
2.	BIRBHUM	1196	0	65	0
3.	BURDWAN	358	1	45	0
4.	COOCHBEHAR	6870	0	92	0
5.	DAKSHIN DINAJPUR	308	0	55	0
6.	DARJEELING	124	1	27	0
7.	HOOGLY	170	0	122	0
8.	HOWRAH	4	0	163	0
9.	JALPAIGURI	3796	2	104	0
10.	MALDA	25	0	82	1
11.	MIDNAPORE	15622	0	78	1
12.	MURSHIDABAD	81	0	52	0
13.	NADIA	193	1	72	7
14.	NORTH 24 PARGANAS	10	0	155	0
15.	PURULIA	19448	0	18	0
16.	SOUTH 24 PARGANAS	77	0	126	0
17.	UTTAR DINAJPUR	90	0	94	0
State Average:		55983	1	82	3

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.13 Culturable Command Area and Potential Created

State : WEST BENGAL		(in Ha.)					
Sl. No.	Name of District	Culturable Command Area	Irrigation Potential Created				
			Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7	8
1.	BANKURA	3868	3107	2342	157	438	6044
2.	BIRBHUM	805	681	560	32	40	1313
3.	BURDWAN	160	129	79	4	51	263
4.	COOCHBEHAR	3026	4143	2897	10	340	7390
5.	DAKSHIN DINAJPUR	71	43	44	4	23	114
6.	DARJEELING	67	68	27	2	0	97
7.	HOOGLY	92	78	65	1	36	180
8.	HOWRAH	3	2	2	0	2	6
9.	JALPAIGURI	2440	2692	591	29	238	3550
10.	MALDA	19	10	7	2	0	19
11.	MIDNAPORE	7581	5252	5574	576	928	12330
12.	MURSHIDABAD	67	72	26	1	12	111
13.	NADIA	147	146	68	4	64	282
14.	NORTH 24 PARGANAS	8	14	6	0	4	24
15.	PURULIA	5936	4103	3307	222	324	7956
16.	SOUTH 24 PARGANAS	48	18	23	6	36	83
17.	UTTAR DINAJPUR	48	55	46	0	16	117
State Total :		24386	20613	15664	1050	2552	39879

MINOR IRRIGATION CENSUS(1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.14 Irrigation Potential Utilised

State : WEST BENGAL		(in Ha.)				
Sl. No.	Name of District	Actual Area Irrigated during 1993-94				
		Khariif	Rabi	Perenial	Others	Total
1	2	3	4	5	6	7
1.	BANKURA	1733	1763	96	309	3901
2.	BIRBHUM	197	221	13	26	457
3.	BURDWAN	69	39	3	33	144
4.	COOCHBEHAR	87	1760	4	48	1899
5.	DAKSHIN DINAJPUR	30	40	3	21	94

MINOR IRRIGATION CENSUS (1993-94)
DUGWELLS (COMPLETED) SCHEDULE A-1
Table 1.15 Irrigation through supplementary sources

(in Ha.)

Sl. No.	Name of District	Supplementary Irrigation in 1993-94				
		Kharrif	Rabi	Perennial	Others	Total
1	2	3	4	5	6	7
1.	BANKURA	239	191	1	9	440
2.	BIRBHUM	2	16	1	0	19
3.	BURDWAN	11	6	0	0	17
4.	COOCHBEHAR	0	35	1	0	36
5.	DAKSHIN DINAJPUR	0	2	0	2	4
6.	DARJEELING	0	0	0	0	0
7.	HOOGLY	2	3	0	1	6
8.	HOWRAH	0	0	0	0	0
9.	JALPAIGURI	46	7	0	0	53
10.	MALDA	0	0	0	0	0
11.	MIDNAPORE	276	430	16	58	780
12.	MURSHIDABAD	0	0	0	0	0
13.	NADIA	0	0	0	0	0
14.	NORTH 24 PARGANAS	0	0	0	0	0
15.	PURULIA	98	85	33	11	227
16.	SOUTH 24 PARGANAS	0	0	0	0	0
17.	UTTAR DINAJPUR	0	0	0	0	0
State Total :		674	775	52	81	1582

MINOR IRRIGATION CENSUS (1993-94)

DUGWELLS (COMPLETED) SCHEDULE A-1

Table 1.16 Dugwells according to the constraints

State : WEST BENGAL

(in Nos.)

Sl. No.	Name of District	No. of Dugwells in use	No. of Dugwells with no cons'nts	Constraints in utilisation of Irri. Pot. Created				Total (5 to 8)	Grand Total (4 + 9)
				Inadequate Powers	Mechanical Break down	Less Water Discharge	Other Reason		
1	2	3	4	5	6	7	8	9	10
1.	BANKURA	6794	0	442	56	2038	4258	6794	6794
2.	BIRBHUM	709	0	20	2	283	404	709	709
3.	BURDWAN	273	0	2	14	137	120	273	273
4.	COOCHBEHAR	5979	0	3	2	312	5662	5979	5979
5.	DAKSHIN DINAJPUR	299	0	8	6	85	200	299	299
6.	DARJEELING	71	0	2	0	10	59	71	71
7.	HOOGLY	163	0	10	1	34	118	163	163
8.	HOWRAH	4	0	4	0	0	0	4	4
9.	JALPAIGURI	2761	0	261	69	225	2206	2761	2761
10.	MALDA	25	0	2	0	0	23	25	25
11.	MIDNAPORE	13642	0	57	171	5937	7477	13642	13642
12.	MURSHIDABAD	66	0	11	21	3	31	66	66
13.	NADIA	182	0	1	0	0	181	182	182
14.	NORTH 24 PARGANAS	10	0	0	0	0	10	10	10
15.	PURULIA	18730	0	862	35	6218	11615	18730	18730
16.	SOUTH 24 PARGANAS	77	0	1	13	0	63	77	77
17.	UTTAR DINAJPUR	77	0	4	0	29	44	77	77
State Total :		49862	0	1690	390	15311	32471	49862	49862