5TH CENSUS OF MINOR IRRIGATION SCHEMES REPORT



सत्यमेव जयते

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT
AND GANGA REJUVENATION
MINOR IRRIGATION (STATISTICS WING)
NOVEMBER 2017

REPORT OF

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MINOR IRRIGATION (STATISTICS) WING

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डॉ अमरजीत सिंह
Dr. AMARJIT SINGH
सचिव
SECRETARY
Tl. : 23710305
Fax : 23731553
E-mail : secy-mowr@nic.in

सत्यमेव जयते

भारत सरकार
जल संसाधन, नदी विकास और
गंगा संरक्षण मंत्रालय
श्रम शक्ति भवन,
रफी मार्ग, नई दिल्ली-110 001
GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT &
GANGA REJUVENATION
SHRAM SHAKTI BHAWAN,
RAFI MARG, NEW DELHI-110 001
http://www.wrmin.nic.in

16.11.2017

FOREWORD

Agriculture has played a critical role in the overall growth of the Indian economy. This sector remains a major source of employment for rural workers and is also the largest consumer of water. However, more than half of the area under cultivation is rain-fed. Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) has been conceived by the Government for early coverage of more and more area under assured irrigation. Besides, expansion of irrigation coverage is also a key strategy to meet the goal of doubling farmers' income in the country by 2022. Meeting these objectives requires well-planned strategies for water both on the demand as well as the supply side.

Minor Irrigation sector plays a critical role in agricultural growth and increasing farmer's income. The importance of minor irrigation schemes with short gestation period, lower investments and major share in irrigation cannot be over-emphasised. In order to meet the requirements of planning & policy formulation of this sector, a sound and reliable data base is a prerequisite. This Ministry has been conducting Census of Minor Irrigation (MI Census) schemes with this objective and four MI Censuses have been conducted so far with reference years 1986-87, 1993-94, 2000-01 & 2006-07. The Census Reports throw light on the changing composition of the Minor Irrigation sector as well as the diversities in irrigation practices across the country. The present report is for the 5th MI Census with reference year 2013-14 covering 33 States/UTs.

The conduct of 5th MI Census was supervised by Minor Irrigation Statistics Wing of this Ministry. MI Census is a large exercise involving State, District, Block, Village level functionaries of the State Governments/UT Administration for collection of data relating to various parameters of Minor Irrigation Schemes. Data processing work has been undertaken by State Governments under the overall guidance of the unit of National Informatics Centre (NIC) in the Ministry. Central level data validations have also been carried out by Minor Irrigation Statistics Wing in order to ensure data quality.

I am sure that the report of the 5th MI Census with reference year 2013-14 would be useful for Planners, Agricultural and Ground Water Scientists, Administrators & all concerned with Irrigation development.

(Amarjit Singh)

PREFACE

Irrigation has played a major role in India's agricultural growth and a substantial share of irrigation is contributed by minor irrigation schemes across the country. The Minor Irrigation (MI) schemes with the Culturable Command Area (CCA) of less than 2000 ha are implemented in the States by different departments including Agriculture, Irrigation/Water Resources, Rural Development, Land Administration, Public Works Department etc. In the Central Government, there is increased focus on expansion of cultivable area under assured irrigation and improving on-farm water use efficiency under "Pradhan Mantri Krishi Sinchayee Yojana(PMKSY)". The component- 'Har Khet Ko Pani' of PMKSY also covers development of Minor Irrigation (both surface and ground water).A number of other Departments are also implementing programmes for growth and development of Minor Irrigation at the Central Level. Ministry of Agriculture and Farmers Welfare has been providing financial support to farmers for the development of Minor Irrigation through commercial banks, regional rural banks, co-operative banks and National Bank for Agriculture and Rural Development (NABARD). Ministry of Rural Development, under Mahatma Gandhi National Rural Employment Guarantee (MNREGA), provides funds for the development of surface water schemes, de-silting of ponds, defunct water bodies like old ponds, Jal Mandir, etc. to improve storage capacity and creating scope for water availability for irrigation purposes. Convergence with MNREGA is also an integral part of PMKSY.

With the changes in the groundwater scenario and shift to mechanized mode of water lifting from manual/animal based water withdrawal along with adoption of more efficient water distribution practices like drip/sprinker irrigation and sub-surface pipes, the share of different type of minor irrigation schemes has been changing over time. In order to study the composition of the minor irrigation sector and Irrigation Potential Created (IPC)and Utilised (IPU) by the minor irrigation schemes and also to assess the factors contributing to the gap between IPC &IPU, there was a need for a sound and reliable data base on the minor irrigation sector, which could provide a strong foundation for planning and policy formulation. In order to meet this objective, five Minor irrigation Censuses have been conducted under the "Rationalisation of Minor Irrigation Statistics (RMIS)" scheme till date. The need for such Census had been pointed out much earlier by the National Commission of Agriculture and also by Planning Commission in 1970.

Ministry of Water Resources, River Development & Ganga Rejuvenation conducted the 5th MI census with reference year 2013-14 in 33 States/UTs except Dadra &Nagar Haveli, Daman &Diu and Lakshadweep. The Minor Irrigation Statistics Wing under the Ministry provided financial assistance and technical guidance to identified Nodal Departments in States/UTs under over all charge of Head of Nodal Department, designated as State Minor Irrigation Census Commissioner. The field work was completed at the village level by Patwaries /village level workers, village accountants etc.. The field work at the village level was supervised by Block Development Officers (BDO)/ Tehsildars and the same was monitored and reviewed by District level officers. Detailed training on concepts & definitions, schedules & instruction manual used in the 5th MI census was provided to State Census Commissioners and Nodal Officers in the All-India Training Workshop organized by the Ministry. This was followed by organisation of Six Regional Training Workshops for Northern, Southern, Eastern, Western, Central and the North Eastern regions covering all States/UTs. Field training was also imparted to officials from State Governments/UT Administration in these Workshops, apart from training on concepts, definitions, schedules and instruction manual. States /UTs also organised trainings for district level officers at State level and for primary enumerators at district level.

For the first time, a new category of MI Scheme namely- Medium tube well (with depth ranging from 35 to 70 m) was introduced under Ground water MI scheme, as per needs of State Government to capture the rapid changes in the ground water sector. An online web-based software was developed for the first time, for computerisation of data of the 5th MI census by the National Informatics Centre (NIC), Ministry of Water Resources, River Development and Ganga Rejuvenation. The 5th MI Census data computerised by States/UTs are stored in a Central database server located in New Delhi and maintained by NIC. Efforts were made to reduce the time period of the 5th Census through continuous monitoring of progress and review through Video Conferences with senior officers in States for remedial action.

The report provides results at the State and all India level by way of integrated tables supported by various statistical graphs and charts. State-wise census data by specific types of schemes, viz. dug-wells, shallow, medium and deep tube-wells, surface flow and lift schemes along with specific features have also been presented. District-wise tables on the various aspects for each type of MI structures are uploaded on the Ministry's website (http://mowr.gov.in) for vide circulation and utilization.

Dr. Amarjit Singh, Secretary, Ministry of Water Resources, River Development and Ganga Rejuvenation has been a continuous source of inspiration and guidance throughout the 5th MI Census period and up to the finalization of results and preparation of this report. In the different stages of the 5th MI Census, guidance provided by Sh. Servesh Kumar, ex- ADG Smt. Sudha Midha ex-ADG and Dr.R.K.Bhatnagar,Ex-ADG is gratefully acknowledged. The contribution made by Dr. (Mrs.) Mamta Saxena, Ex-DDG, Dr. S.P. Sharma, Ex-Director(Stat.), Sh. Alok Kumar, Ex-Dy. Director And Sh. Gyanendra Pratap Singh , Ex-Assistant Director , in the MI (Stat.) Wing of Ministry of Water Resources is noteworthy.

The Minor Irrigation Census Commissioners in the States/UTs have completed the stupendous task of conducting field work with dedication and focus. I express my sincere gratitude to them and also to the States which have hosted the Regional Training Workshops as well as Data Processing Workshops in association with this Ministry. I also would like to place on record the deep sense of gratitude to each and every primary enumerator who painstakingly collected the field information. Data processing and finalization of tables would not have been possible without the tireless efforts put in by NIC officers- Sh. A.K. Gupta , Technical Director ,Sh. Girish Tiwari, Scientist-D under the overall guidance of Dr. Kishore Kumar, Sr. Technical Director and Dr(Mrs). Ranjna Nagpal, DDG. The officers and staff of MI (Stat.) Wing have tirelessly worked in coordination with all the State Nodal Departments and have shown great sense of commitment and sincerity culminating in completion of Census and finalization of report. I specially acknowledge the contribution made by Smt.Bindu Sreedathan,Director,Shri.Vinay Kumar Pandey,Director,Shri.O.P.Gupta,Senior Evaluation Officer, Ms. Chandrakala, Assistant Engineer,Shri.Anil Kumar.Assistant Engineer,Shri.Divesh Garg,Senior Technical Assistant, Smt.Shashi Chadha, Private Secretary, Smt.Durga Dash, Private Secretary, Smt.Chandra Ganguly, Personal Assistant, Shri.Saurabh Katyal,Stenographer, Shri.Mahender Singh, Lower Division Clerk, Shri.Dhyan Singh, Lower Division Clerk, Miss.Deepika and Shri.Arun Lakra, Data Entry Operators who were actively involved in various stages of the 5th MI Census work and preparation of this report. I hope this report would be very useful to all users i.e. planners, academicians, administrators and scientists in their work.

16.11.2017

(A. Nandakumar)
Deputy Director General

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HIGHLIGHTS

- **General**
  - For the first time, a dedicated online portal for 5th Minor Irrigation (MI) Census has been developed which facilitated online data entry, updation, validation and tabulation. Due to the fact that data can be accessed by both Central level and State level users in real time, the bottlenecks in data entry and validation were removed instantaneously which resulted in quick processing /verification of data and finalization of results. The Ministry of Water Resources, River Development and Ganga Rejuvenation monitored the progress of implementation of fifth MI Census rigorously through periodic video conferences with all stakeholders, regular communication through DO letters, email etc and field visits to the States by senior Officers of the Ministry which were lagging behind in the Census work at any stage. All these efforts paid rich dividends and the report of the Fifth Census has been finalized within a short span of three and a half years of launching the Census whereas the previous Censuses had taken five years or more to finalise the results.
  - In 5th MI Census, as per the demand from State Governments, the definition of shallow tubewell has been refined and a new category of MI Scheme namely- Medium tube well (with depth ranging from 35 to 70 m) has been introduced , to capture the rapid changes in the ground water sector.
  - New items of data collection like number of lifting devices, more than one sources of energy, more than one sources of finance, subsidy etc were added in the scheme schedules in order to capture the diversities in the types of lifting devices, funding pattern and sources of energy utilised by the owners of minor irrigation schemes.

- **KEY FINDINGS**
  - Ground water still accounts for lion share (94.5%) of all the minor irrigation schemes in the country.
  - At the national level, Ground water schemes are increasing but Surface water schemes are declining.
  - Correspondingly, irrigation potential created (IPC) and utilized (IPU) from Ground water schemes has increased in the 5th MI Census. While, irrigation potential created (IPC) and utilized (IPU) from Surface water schemes has declined in the 5th MI Census. This implies declining dependency of farmers on surface water schemes and increasing dependency on Ground water schemes for meeting their minor irrigation needs. So, in order to decrease the dependency of farmers on ground water and to reduce the further depletion of ground water, surface water sources need to be restored in order to continue to derive irrigation benefits from them.
  - A majority of minor irrigation schemes (96.7%) and ground water minor irrigation schemes (98.7%) continue to remain under private ownership. Most MI structures in India are, therefore, owned by individual farmers or group of farmers and hence it has maximum outreach for irrigation purposes. Within this, small and marginal farmers (having less than 2 ha of land) still own a major share of minor irrigation schemes. This emphasizes the need for strengthening the network of MI structures

for irrigation purposes in the country which, in turn, will play a crucial role in improving the livelihood of these farmers.

- Own saving of the farmers continues to be the major source of financing for installation of minor irrigation schemes, pointing out the need for more financial support to the farmers by the financial institutions.
- Though the share of open channels for conveying water to the fields has reduced in 5th MI census, it still remains the major mode of water distribution. Correspondingly, the share of efficient water distribution systems like surface pipe, underground pipe, drip and sprinklers has increased. Surface pipe has recorded the highest increase, followed by underground pipe, drip and sprinkler.
- There are wide regional variations in the composition of minor irrigation sector as well as its energisation pattern. Minor irrigation schemes have increased in Peninsular and other regions while the same has declined both in the Western and Eastern Indian plains. There is a marginal increase in shallow & medium tubewells and moderate increase in deep tubewells in the Eastern region. In contrast, deep tubewells have almost doubled in Western Indian plains and Peninsular regions. Electricity is the predominant source of energy in MI schemes across all the regions except Eastern Indian plains and Indian Himalayas. The Eastern Indian plains show a very low share (20%) in minor irrigation schemes using electricity for irrigation. Diesel accounts for a substantial share (74%) of energy requirement for irrigation in the Eastern Indian Plains.
- This implies that the over exploited ground water regions like Western Indian plains and Peninsular Hard rock where electricity is the dominant and relatively cheap source for energising minor irrigation schemes, growth in number of deep tubewells is exceptionally high. In contrast, Eastern Indian plain having relatively abundant ground water resources and diesel is the dominant and relatively high priced source of energy resulting in relatively lower growth in number of tubewells and lesser utilisation of ground water for minor irrigation.
- Hence, multi pronged strategies for development of minor irrigation sector taking into account, both ground water availability as well as prevailing energy scenario in different regions have to be evolved. Like, in Eastern Indian plains, access and availability of electricity needs to be improved in such a manner as to promote sustainable utilisation of ground water for minor irrigation. At the same time, measures in this region should be such as to prevent the ground water situation in Eastern Indian plains becoming similar to peninsular and western regions in future. Simultaneously, use of renewable energy source like solar energy needs to be actively promoted.

- **Minor Irrigation schemes – at a Glance (in numbers)**

  - More than 21.7 million Minor Irrigation (MI) structures were reported from 661 districts and 6,46,784 villages in the country.
  - There has been increase of about 3.37% in the number of Minor Irrigation structures in the country as observed during 5th MI Census as compared to 4th Census (21 million).
  - Uttar Pradesh possesses the largest number of MI schemes in the country (38 lakhs, 18%) followed by Maharashtra (29.2 lakhs, 13%), Madhya Pradesh (20.82

lakhs, 10%) and Tamilnadu (20.72 lakhs, 10%). These four States contribute 50% of the total MI schemes in the country. If we include another 7 States namely, Telangana, Rajasthan, Karnataka, Gujarat, Punjab, Andhra Pradesh and Bihar; almost 90% schemes are covered in these 11 States. Out of 33 States/ UTs, 10 States have more than 10 lakh MI schemes and 8 States have MI schemes ranging between 1 lakh to 10 lakh. Remaining 15 States/UTs have less than 1 lakh schemes.

- There has been significant growth in Ground Water schemes from 19.75 million to 20.52 million during the period 2006-07 to 2013-14. Decline, however, has been observed in Surface Water schemes from 1.24 million to 1.19 million in the same period.
- In Ground Water schemes, Uttar Pradesh possesses largest number of schemes followed by Maharashtra, Tamilnadu, Madhya Pradesh and Telangana. In Surface Water schemes, Maharashtra possesses largest number of schemes followed by Karnataka, Madhya Pradesh, Odisha and West Bengal.
- Maharashtra is most important for dug wells and surface water schemes whereas Uttar Pradesh, Telangana and Punjab are leading states for shallow tube wells, medium tube wells and deep tube wells respectively.
- Almost 94.5% schemes in 5th MI Census are Ground Water schemes and predominance of dug wells and shallow tube wells has been observed during 5th census also as in 4th Census.
- There has been decline of about 4.5% in the number of dug wells from 92 lakhs to 87.8 lakhs.
- There is a drastic increase of 80% in number of deep tube wells from 14.4 lakhs to 26.1 lakhs.
- Surface flow and surface lift schemes have reduced by around 1.5% and 7.3% respectively.
- While the share of Ground water schemes has increased, the share of dug wells has declined from 44% to 40% and that of tube wells has gone up from 50% to 54% during this period.
- Share of surface water schemes has slightly reduced from 6% to 5%.
- Surface flow schemes contribute significantly to minor irrigation in the hilly terrain of the country i.e. Himachal Pradesh, Uttaranchal, Sikkim and other North Eastern States.
- Shallow tube wells are most utilized type of scheme by status of use (98.3%) followed by medium tube wells (97.9%). More than 95% MI schemes are in use in all types of schemes except surface flow schemes.
- Surface flow schemes are having highest percentage (9.4%) of temporary not in use schemes and of permanently not in use schemes (2.9%). This is followed by dugwells in which the percentage share of permanently not in use schemes is 2.2%.

- **Irrigation potential created (IPC) and utilized (IPU)**

  - Irrigation potential created (IPC) has increased from 84.03 million hectares in 4th Census to 89.52 million hectares in 5th Census which shows an increase of around 6.5% during this period.
  - Similarly irrigation potential utilized (IPU) has increased from 63.5 million hectares in 4th Census to 71.3 million hectares in 5th Census which shows an increase of

around 12.3% during this period.

- Ratio of potential utilized to potential created has also increased during this period.
- As per 5th MI census, 78.9 mha of irrigation potential is created through Ground water (GW) schemes & 10.6 mha through surface water (SW) schemes . Irrigation potential utilized of GW Schemes is 63.4 mha and that of SW schemes is 7.9 mha which shows that 80.3% of the potential created in GW has been utilized while percentage utilization in respect of SW is 74.8%.
- Shallow tube wells have highest IPC & IPU followed by Dug wells and deep tube wells.
- If we analyse the ratio of IPU to IPC in 5th MI census in different types of schemes, almost all the schemes (except surface flow schemes) have ratio around 0.8 or more. Surface flow schemes have a ratio of 0.71.

- **Ownership and source of finance**

  - Data of ownership of MI schemes reflects that almost 97% of the MI structures are being owned by private entities and only about 3% is in the domain of public ownership.
  - This pattern is more dominant in Ground water schemes where almost all type of schemes has around 99% private ownership.
  - In surface water schemes, around 37% schemes are in public ownership and 63% are in private ownership.
  - Even in surface water schemes, surface flow schemes have remarkably high public ownership of 53.9% whereas in surface lift schemes private ownership is at higher level of 80.3%.
  - Around 67% schemes have single source of finance whereas 33% schemes have more than one source of finance.
  - In single source of finance also, majority of schemes (80.3%) are being financed by own savings followed by bank loan (6.5%), others (6.3%), government fund (5.1%) and money lender (1.9%).

- **Lifting device and source of energy**

  - Out of total 21.7 million MI schemes having lifting device, 20.13 million schemes (97%) have single lifting device installed in it for water lifting purpose.
  - In schemes having single lifting device, majority of schemes (52.9%) have submersible pump as lifting device and 42.6% schemes have centrifugal pump as lifting device. Only 1.3% schemes are being operated manually or by animal for water lifting purposes.
  - In schemes having more than one lifting device, combination of submersible and centrifugal pump is the most common after others.
  - 93.4% MI schemes in the country use single source of energy in the lifting device installed in it.
  - In schemes having single source of energy, majority of schemes (72.6%) utilize electricity as source of energy followed by diesel (25.4%). This clearly reveals that 98% scheme having single source of energy are operated by either electricity or diesel.
  - Even in schemes having more than one source of energy, around (63.2%) utilize

combination of electricity and diesel as source of energy.

- **Water distribution devices and efficiency**
  - There has been improvement in water use efficiency and decline in wastage of water through use of improved water distribution devices over the years.
  - As reflected in 5th MI census, the percentage share of MI Schemes which distribute water through open unlined/ kutcha and open lined/ pucca water channels respectively are about 42.6% and 10.4% .
  - The percentage share of schemes which distribute water through surface pipe and underground pipe are about 25.8% and 15% respectively which lead to less water wastage through leakage and evaporation.
  - About 1.9% schemes used drip irrigation and about 3.3% used sprinkler system for water distribution.
  - During the 4th MI census, about 65% schemes used open channel which now has been reduced to about 53% in 5th census.
  - The share of efficient water distribution systems like surface pipe, underground pipe, drip and sprinklers has increased in fifth census when compared to the fourth Census. Share of surface pipe has recorded the highest increase from 14.75% in 4th to 25.8% in 5th census followed by underground pipe (11.72% to 15%), drip (0.76% to 1.9%) and sprinkler (1.88% to 3.3%).

- **Reasons for temporarily not in use, permanently not in use and constraints in utilisation**
  - In temporarily not in use GW schemes, the reason for not using the structure is 'less discharge of water' in 60.9% cases followed by 11.4% due to 'mechanical breakdown' and 7.8% due to 'non-availability of adequate fuel/power'. Reasons like 'non-availability of funds' and 'lack of maintenance' contribute only 2.3% and 3.3% respectively.
  - Similarly, in permanently not in use GW schemes, the reason for not using the structure is 'dried up' in 53.5 cases followed by 23.6% schemes due to 'destroyed beyond repair' and 6.6% schemes due to 'salinity'. Reasons like 'industrial effluents' and 'sea water intrusion' contribute only 0.9% and 0.7% respectively.
  - In temporarily not in use SW schemes, about 32.9% schemes are not used due to 'less discharge of water' followed by 23.2% due to 'storage not filled up fully' and 9.2% due to 'channel break down'.
  - Similarly, in permanently not in use SW schemes, the reason for non usage of about 35.1% schemes are due to the factor 'dried up' followed by 19.1% schemes due to 'destroyed beyond repair' and 5.1% schemes due to 'salinity'.
  - Availability of water is major reason for conversion of MI schemes which are in use to either temporarily or permanently not in use category.
  - Out of total 20.86 million 'in use' MI schemes in 5th MI census, about 4.4 million (21.1%) schemes were having constraints in utilisation due to reasons like non-availability of adequate power supply, less discharge of water, mechanical breakdown, etc. Remaining 78.9% 'in use' MI schemes have been found functioning without any constraints. Situation has improved a lot from 4th Census as about 40% schemes in 4th census were facing constraints in utilisation and were under-utilized.

- If we see the under-utilisation by type of constraint in 'in-use' GW schemes, 'less discharge of water' is having highest percentage (36.8%) followed by non-availability of adequate power (33.4%). Reasons like 'lack of maintenance', 'mechanical breakdown' and 'non-availability of finance' have very less shares of 6.3%, 3.5% and 2.5% respectively.
- If we see the under-utilisation by type of constraint in 'in-use' SW schemes, apart from 'others', 'non-availability of adequate power' is having highest percentage (27.7%) followed by 'less discharge of water' (13.3%) and 'storage not filled up fully' (8.5%).

- **Dugwells**

  - There are total of 8.78 million dugwells in 661 districts of the country irrigating 16.8 million ha of land. In dugwells, pucca dugwells have a majority share of 67%, kutcha dugwells (21%), dug-cum borewells (10%) and others (2%). Dug-cum borewell has recorded an increase from 4% in 4th Census to 10% in 5th census.
  - Dugwells are dominantly owned by private entities (98.3%). Out of these, about 78% dugwells are owned by individual farmers and 22% are owned by group of farmers. Ownership by group of farmers is concentrated in Rajasthan, Tamilnadu, Maharashtra and Madhya Pradesh. Marginal and small farmers have the largest share in ownership of dugwells (68%). As per the social status of the farmers owning the dugwells, about 50% schemes belong to Other Backward Castes (OBCs) followed by others (30%), Scheduled Tribe (11%) and Scheduled Caste (9%).
  - In individually owned dugwells, about 72% are financed by single source of finance and 28% are having more than one source of finance. In single source of finance, majority of schemes (75%) were financed by own saving only.
  - Around 98% dugwells have single lifting device in which about 50% are submersible pumps followed by centrifugal pump (42%) and manual/animal (3%). Around 95% dugwells are having single source of energy in which electricity is dominating (86%) followed by diesel (10%), manual/animal (3%).
  - According to water distribution system, open water channel (unlined/kutcha) is dominant (38%) followed by surface pipe (25%).
  - In the Dugwells, which are 'in use', around 71% dugwells are functioning without any constraint in utilisation of potential. Out of remaining 29% having constraints in utilisation, reason of 'less discharge of water' is predominant (39.1%) followed by 'non-availability of adequate power' (35.4%).

- **Shallow Tubewells**

  - There are total of 5.9 million shallow tubewells in 661 districts of the country irrigating 22.2 million ha of land.
  - Shallow tubewells are dominantly owned by private entities (99%). Out of these, about 96% shallow tubewells are owned by individual farmers and only 4% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of shallow tubewells (73%). As per the social status of the farmers owning shallow tubewells, about 47% schemes belong to Other Backward Castes (OBCs) followed by others (34.2%), Scheduled Caste (14.7%) and Scheduled Tribe (4.1%).

- In individually owned shallow tubewells, about 64% are financed by single source of finance and 36% are having more than one source of finance. In single source of finance, majority of schemes (86%) were financed by own saving only.
- Around 95% shallow tubewells have single lifting device in which about 71.4% are centrifugal pumps followed by submersible pumps (26.3%). Around 92% shallow tubewells are having single source of energy in which diesel is dominating (65%) followed by electricity (34%).
- According to water distribution system, open water channel (unlined/kutcha) is dominant (56%) followed by surface pipe (29%).
- In the shallow tubewells, which are 'in use', around 90% are functioning without any constraints in utilisation of potential. Out of remaining 10% which are having constraints in utilisation, reason of 'non-availability of adequate power' is dominant (29%) followed by 'lack of maintenance' (19%) and 'less discharge of water' (13.8%).

- **Medium Tubewells**

  - There are total of 3.17 million medium tubewells in 661 districts of the country irrigating 11.6 million ha of land.
  - Medium tubewells are dominantly owned by private entities (99.3%). Out of these, about 94% medium tubewells are owned by individual farmers and only 6% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of shallow tubewells (61%). As per the social status of the farmers owning medium tubewells, about 44.3% schemes belong to Others followed by Other Backward Castes (OBCs) (42.8%), Scheduled Caste (7.4%) and Scheduled Tribe (5.5%).
  - In individually owned medium tubewells, about 63% are financed by single source of finance and 37% are having more than one source of finance. In single source of finance, majority of schemes (84%) were financed by own saving only.
  - Around 98% medium tubewells have single lifting device in which about 81% are submersible pumps followed by centrifugal pumps (17%). Around 92% medium tubewells are having single source of energy in which electricity is dominating (88.6%) followed by diesel (10.9%).
  - According to water distribution system, open water channel (unlined/kutcha) is dominant (35%) followed by surface pipe (30%) and underground pipe (21%) .
  - In the medium tubewells, which are 'in use', around 82% are functioning without any constraints in utilisation of potential. Out of remaining 18% which are having constraints in utilisation, reason of 'less discharge of water' is the most important factor (36.5%) followed by 'non-availability of adequate power' (34.3%).

- **Deep Tubewells**

  - There are total of 2.6 million deep tubewells in 661 districts of the country irrigating 12.68 million ha of land. Deep tubewells have grown rapidly from 0.1 million in 1987 to 0.5 million on 2000-01, 1.45 million in 2006-07 and more than 2.6 million in 2013-14. Majority of them are located in Punjab, Rajasthan, Andhra Pradesh, Telangana, Tamilnadu, Haryana, Madhya Pradesh, Maharashtra and Karnataka.
  - Deep tubewells are dominantly owned by private entities (98.5%). Out of these,

about 81% deep tubewells are owned by individual farmers and only 19% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of deep tubewells (50%). As per the social status of the farmers owning deep tubewells, about 50.2% schemes belong to Others followed by Other Backward Castes (OBCs) (38.6%), Scheduled Caste (6.7%) and Scheduled Tribe (4.5%).

- In individually owned deep tubewells, about 62% are financed by single source of finance and 38% are having more than one source of finance. In single source of finance, majority of schemes (84.8%) were financed by own saving only.
- Around 98.3% deep tubewells have single lifting device in which about 90% are submersible pumps followed by centrifugal pumps (8%). Around 95% deep tubewells are having single source of energy in which electricity is dominating (96.6%) followed by diesel (3.3%).
- According to water distribution system, open water channel (unlined/kutcha) is dominant (37.8%) followed by underground pipe (19%) and surface pipe (18.1%) .
- In deep tubewells, which are 'in use', around 80% are functioning without any constraints in utilisation of potential. Out of remaining 20% having constraints in utilisation, reason of 'less discharge of water' is the predominant factor (51.5%) followed by 'non-availability of adequate power' (28%).

- **Surface Flow Schemes**

  - Number of surface flow minor irrigation schemes has declined from 601 thousand in 2006-07 to 592 thousand in 2013-14. These surface flow schemes in 661 districts of the country are irrigating 4.89 million ha of land. Majority of these surface flow schemes are located in Maharashtra, Karnataka, Madhya Pradesh, Andhra Pradesh, Jharkhand, Tamilnadu and Uttarakhand.
  - In surface flow schemes, tanks/ ponds have largest share of 41% followed by reservoir (14%) and temporary diversions (10%).
  - Surface flow schemes are largely in public ownership (54%) and 46% are being owned by private entities. In public owned surface flow schemes, majority (75%) are Government owned followed by panchayat (17%). In privately owned surface flow schemes, majority (73%) are owned by individual farmers and only 27% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of surface flow schemes (58%). As per the social status of the farmers owning surface flow schemes, about 31.4% schemes belong to Others followed by Other Backward Castes (OBCs) (29.6%), Scheduled Tribe (27.9%) and Scheduled Caste (11.1%).
  - In individually owned surface flow schemes, about 73% are financed by single source of finance and 27% are having more than one source of finance. In single source of finance, majority of individually owned surface flow schemes (49.3%) were financed by own saving only followed by Government fund (25.5%) and Bank loan (16.8%).
  - According to water distribution system, open water channel (unlined/kutcha) is dominant (51.2%) followed by open water channel (lined/pucca) (21.2%), surface pipe (12.6%) and underground pipe (9.8%) .
  - In surface flow schemes, which are 'in use', around 78% schemes are functioning without any constraints in utilisation of potential. Out of remaining 22% surface

flow schemes having constraints in utilisation, the predominant reasons for under utilization are , 'others' (45.7%) followed by 'storage not filled up fully' (19.3%) and 'less discharge of water' (16.7%).

- **Surface Lift Schemes**

  - Number of surface lift schemes has declined from 647 thousand in 2006-07 to 600 thousand in 2013-14. These surface lift schemes in 661 districts of the country are irrigating 3 million ha of land. Majority of these surface lift schemes are located in Maharashtra, Karnataka, Madhya Pradesh, Odisha, West Bengal and Gujarat.
  - Surface lift schemes are located in river (36%) followed by 'tanks/ ponds/ reservoirs/ check dams' (25%), 'stream' (17%) and 'drain/ canal' (13%).
  - Surface lift schemes are dominantly owned by private entities (80%). Out of these, about 81% surface lift schemes are owned by individual farmers and only 19% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of surface lift schemes (58%). As per the social status of the farmers owning surface lift schemes, about 40.9% schemes belong to 'Others' social group followed by Other Backward Castes (OBCs) (33.1%), Scheduled Tribe (14.8%) and Scheduled Caste (11.2%).
  - In individually owned surface lift schemes, about 72% are financed by single source of finance and 28% are having more than one source of finance. In single source of finance, majority of schemes (72.1%) were financed by own saving only followed by Bank loan (18.4%) and Government fund (6.7%).
  - Around 94% surface lift schemes have single lifting device in which about 58% are centrifugal pumps followed by submersible pumps (35%). Around 91% surface lift schemes are having single source of energy in which electricity is dominating (68%) followed by diesel (29%).
  - According to water distribution system, surface pipe is dominant (30.2%) followed by underground pipe (27.5%) and open water channel (unlined/kutcha) (26.4%).
  - In surface lift schemes, which are 'in use', around 63% are functioning without any constraints in utilisation of potential. Out of remaining 37% surface lift schemes having constraints in utilisation, 'inadequate power supply' is the most important reason for under utilisation(42.3%) followed by 'less discharge of water' (11.6%).

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CHAPTER 1
GENERAL BACKGROUND

1.1 INTRODUCTION

Climate and weather conditions experienced in India are varied in nature. There is extreme heat at some places, while the climate remains extremely cold at other places. Monsoon in India is also irregular and erratic in nature. The distribution of monsoon across the country is also not uniform. Therefore, there is a strong need for irrigation. Non-irrigated (rain-fed) agriculture depends entirely on rainfall, stored in the soil profile. This form of agriculture is possible only in regions where rainfall distribution ensures continuing availability of soil moisture during the critical growing periods for the crops. In irrigated agriculture, water taken up by crops is partly or totally provided through human intervention. Irrigation water is withdrawn from a water source and led to the field through an appropriate conveyance infrastructure. To satisfy their water requirements, irrigated crops benefit from both more or less unreliable natural rainfall and from irrigation water. Irrigation provides a powerful management tool against the vagaries of rainfall and makes it economically attractive to grow high yield seed varieties and to apply adequate plant nutrition as well as pest control and other inputs, thus giving room for a boost in yields.

1.2 MINOR IRRIGATION SCHEMES

All ground water schemes and surface water schemes(both flow and lift) having culturable command area up to 2,000 hectares individually are classified as Minor Irrigation schemes. The Ground water schemes comprise of dug well, dug-cum-bore wells, shallow and medium tube wells and deep tube wells. Dug wells covers ordinary open wells of varying dimensions, dug or sunk from the ground surface into water bearing stratum to extract water for irrigation. These are broadly masonary wells, kuchcha wells and dug-cum-bore wells. Most of such schemes are of private nature belonging to individual cultivator. A shallow tube well consists of a bore hole built into ground with the purpose of tapping ground water from porous zones. In sedimentary formations depth of a shallow tube wells does not exceed 25 metres. These tube wells are either cavity tube wells or strainer tube wells. The 5th Minor Irrigation Census introduced the concept of medium tube wells with depth in the range of 35-70 metres. Deep tube wells extend to the depth of 70 meters and more and is designed to give a discharge of 100-200 cubic metres per hour.

The surface water scheme comprises of surface flow schemes and surface lift irrigation schemes. The surface flow schemes typically consists of tanks, check-dams, structures and can serve as water conservation cum ground water recharge scheme. These structures are generally prevalent in hilly regions. Surface lift schemes are generally built in regions where

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

The scheme of Improvement of Irrigation Statistics was launched in 1980-81 by the Department of Agriculture. Although census of minor irrigation works was to be taken up under this scheme, it could not be conducted till 1985-86. While discussing various issues and problems in the irrigation sector in the Planning Commission in 1986, it was stressed that census of minor irrigation schemes be conducted quinquennially.

1.3 SOURCES OF DATA

The main sources of minor irrigation statistical data are (i) Land Use Statistics (LUS) of Ministry of Agriculture & Farmer's Welfare, (ii) Periodical Progress Reports from State Government Departments, (iii) Annual Administrative Report compiled by the State Government Departments (iv) Ad-hoc reports prepared by various agencies from time to time on the basis of sample survey to access the performance of minor irrigation works.

Land Use Statistics

The information on area irrigated is an ancillary product from the Land Use Statistics. The net area irrigated by the government canals, private canals, tanks, tube wells, other wells and other sources are compiled for village/tehsil/district and the State level. Similarly, area irrigated more than once under different crops are also compiled. The Directorate of Economics and Statistics, Ministry of Agriculture Farmer's Welfare, Government of India publishes regularly the national level information with time lag of about 3 to 4 years. The primary data for LUS are collected by village patwaris in prescribed forms by plot to plot enumeration in certain States and are estimated on the basis of sample surveys in other States. The basic enumeration forms are not the same in the States and the instructions for obtaining details of area under irrigation and its sources are inadequate. In a few States, no separate columns for the sources of irrigation have been provided in the prescribed Khasra forms.

Classification of sources of irrigation does not provide data on irrigated area by important sources like private tube wells, dug wells, deep tube wells, diversion schemes and surface lift irrigation schemes. The gross irrigated areas according to different sources in most of the States are also not being compiled in LUS. In case of cropped area irrigated by two different sources, say canal and well, it is recorded under canal only. The Patwaris who are primarily responsible for data collection generally are not able to devote enough time required for collection of LUS data. Data are also based on sample surveys and ad-hoc assessments in certain areas which introduce limitations in its reliability. Besides, the LUS data do not give information on the number of minor irrigation structures.

Periodical Progress Reports

Minor irrigation programs in the States are dealt by different departments under different development sectors. The progress reports relating to minor irrigation programs received from different departments at the Centre are used for compilation of minor irrigation data for the State. There has not been a single nodal department in the State to compile the minor irrigation statistics for the entire State. The structures installed by the farmers from their own efforts are generally not recorded. The irrigation potential of groundwater schemes is usually reported on the basis of certain assumed yardsticks. Usually no efforts have been made at the State level to provide a scientific basis for such yardsticks. In case of State irrigation works the irrigation potential and utilization are usually estimated on the basis of such assumed duties/water allowances. The reported figures of irrigation potential created by certain scheme during a particular period might have been reduced over a period of time but no depreciation etc., has been taken into account in reporting the figures of cumulative irrigation potential created. The figures in respect of private minor irrigation works installed totally by the efforts of the farmers are usually not based on any positive enumeration or sample survey.

Annual Administrative Report

In certain States there are no field agencies in the minor irrigation department to collect data relating to minor irrigation programs for their annual administrative reports. Further since minor irrigation program is dealt by more than one department of the State, the annual administrative report of irrigation department gives the statistics pertaining to works maintained by that department only.

Ad-hoc Reports

The *ad-hoc* surveys are sometimes intended to throw light upon the socio-economic impact in certain areas for improving agricultural activities, etc. The data collected on irrigation works under such surveys have a definite purpose and accordingly the priorities and weightage given to irrigation data for such minor irrigation statistics suffer from several deficiencies between the sets of progressive figures compiled on the basis of these statistics.

CHAPTER 2
DEVELOPMENT OF MINOR IRRIGATION AND ITS ORGANIZATIONS IN THE STATES

2.1 Development of Minor Irrigation

As water is a State subject, Minor Irrigation sector as a whole is formulated, planned, investigated and implemented by the State Governments and Union Territories. However, the Govt. of India is assigned the task of policy planning, design and development of this sector. Minor Irrigation sector in the Govt. of India is handled by Ministry of Water Resources, River Development and Ganga Rejuvenation, Agriculture & Farmer's Welfare, Rural Development and Ministry of Tribal Affairs. Similarly, at the State level, respective Ministries and departments of Water Resources, Agriculture, Rural Development and Tribal Welfare deal with the sector.

Financial provision is being provided in different states to construct Minor Irrigation Schemes, either through Department of Irrigation/Minor Irrigation, Water Resources Development or under PWD/local bodies for development of MI works and for management of on-farm irrigation system and water distribution devices. Further, in many states, subsidy is being provided for construction of Minor Irrigation Works for drilling/boring of tube wells, for digging of wells, purchasing of water distribution devices and micro-irrigation equipments like pipes, drip and sprinklers systems.

The Mahatma Gandhi National Rural Employment Guarantee Act (MGNREGA) has been implemented to provide basic employment guarantee in rural areas. The Act indicates the kind of works that may be taken up for this purpose. The focus of the work undertaken under MGNREGA includes:

(i) Water conservation and water harvesting
(ii) Drought proofing including afforestation and tree plantation
(iii) Irrigation canals including micro and minor irrigation works
(iv) Provision of irrigation facilities, plantation, horticulture, etc.
(v) Renovation of traditional water bodies, including desilting of tanks
(vi) Flood control and protection works, including drainage in water-logged areas.

The Govt. of India has committed high priority to water conservation and management. To this effect, Pradhan Mantri Krishi Sinchai Yojana(PMKSY) has been formulated with the vision of extending the coverage of irrigation "Har khet ko pani" and improve water use efficiency "more crop per drop" in a focused manner with end to end solution on source creation, distribution, management, field applications and extension activities. PMKSY not only focuses on creating water resources for assured irrigation, but it is also creating protective irrigation by harnessing rain-water at micro level "Jal Sanchay" and "Jal Sinchan". Micro

irrigation is an integral component of the scheme to maximize water use efficiency on farm level. PMKSY adopts state level planning and projectized execution that allows states to draw up their own irrigation development based on district irrigation plans and state irrigation plans.

There are tribal communities who have declining or stagnant population, low level of literacy, pre-agricultural level of technology and are economically backward. Particularly Vulnerable Tribal Groups (PVTGs) constitute most vulnerable section among tribals and inhabitants isolated in remote and difficult areas in small and scattered hamlets/habitats. The scheme of development of Particularly Vulnerable Tribal Groups aims on planning their socio-economic development in a comprehensive manner while retaining culture and heritage of the community by adapting habitat development approach and intervening in all spheres of their socio and economic life, so that a visible impact is made in the improvement of the quality of life of PVTGs. Irrigation is one of the components under which the tribal families are assisted.

2.2 The Centrally Sponsored Plan Scheme "Rationalisation of Minor Irrigation Statistics(RMIS)" was launched in 1987-88 with 100% Central assistance to the States/UTs. Since the XIth Five Year Plan the RMIS Scheme has become part of the Central Sector Plan Scheme "Development of Water Resources Information System(DWRIS)". During the XII Plan, RMIS was a sub-component of "Irrigation Census" component of the Plan Scheme DWRIS. Currently Irrigation Census (parent component of "RMIS") is a standalone component under Umbrella Scheme- Pradhan Mantri Krishi Sinchai Yojana and Other Schemes.

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

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

CHAPTER 3
CENSUS OF MINOR IRRIGATION SCHEMES

3.1 MINOR IRRIGATION SCHEMES

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

Irrigation has played a major role in India's agricultural growth. Since a major share of irrigation is contributed by minor irrigation schemes across the country, there was a need for a sound and reliable data base on the minor irrigation sector, which will provide a strong foundation for planning and policy formulation. So far five Minor irrigation Censuses have been conducted in order to meet this objective. The need for such Census had been pointed out much earlier by the National Commission of Agriculture and also by Planning Commission in 1970. Data base on minor irrigation sector is becoming more relevant in recent times with increased focus on expansion of cultivable area under assured irrigation and improving on-farm water use efficiency under "Pradhan Mantri Krishi Sinchayee Yojana".

3.2 MINOR IRRIGATION CENSUS-CHRONOLOGY

The first census of Minor Irrigation schemes was conducted with reference year 1986-87 and the report was published in November 1993. The second MI census with reference year 1993-94 was initiated in September 1994 and the report was published in March 2001. The information in respect of adoption of newly developed technology of Water and Energy Conserving Devices such as Sprinkler and Drip Irrigation System and use of Non Conventional Energy sources such as Solar Pumps and Wind Mills was collected in this Census. For the first time the census data was computerized with the help of National Informatics Centre and the results were put on the website of the Ministry. The 3rd census of M.I. Schemes with reference year 2000-2001 was conducted in 33 States/UTs. The report was released in November 2005.Data entry was initiated at district level in States as against State Headquarters during 3rd MI census .The 4th Census of MI Schemes was conducted with reference year 2006-07 and the number of schedules was reduced from 6 to 3 in this Census –one village schedule, one ground water schedule covering all types of ground water schemes and one surface water schedule for surface water schemes. This Census also saw the introduction of new items of data collection like cost and source of funding of MI schemes, sources used to energise these schemes etc. The national report of 4th MI census was published in 2014.

3.3 5th MINOR IRRIGATION CENSUS

The 5th Census of Minor Irrigation Schemes was conducted with reference year 2013-14.Three schedules namely village schedule, ground water schedule and surface water schedule were canvassed in this Census. The format of these schedules is provided at Appendix IV. For the first time, a new category of MI Scheme namely- Medium tube well (with depth ranging from 35 to 70 m) was introduced under Ground water MI scheme, as per needs of State Government to capture the rapid changes in the ground water sector. New items of data collection like number of lifting devices, more than one sources of energy and sources of finance were added in the scheme schedules in order to capture the diversities in the types of lifting devices, funding pattern, subsidy and sources of energy employed by the owners of minor irrigation schemes. The field work of the Minor Irrigation Census commenced in 2014-15. A dedicated online portal for 5th MI Census was designed and maintained by National Informatics Centre. In the 5th MI Census online data entry and validation was attempted for the first time using this portal which facilitated real time progress monitoring of data entry/ validation both by Central and State Governments. Training was imparted to State Government officials in Regional Data processing Workshops and States/UTs started data entry and validation work on the online portal. Meanwhile tabulation plan prepared by MI-Stat. Wing was shared with National Informatics Centre. After completion of data entry and validation by the States/UTs, comments of the States/UTs on certain broad parameters were sought after scrutiny of data emerging from the tabulation reports at the Central level. After rectification, if any, by State Governments, data on online portal was freezed in order to generate the final tables on various parameters. After receiving comments and consistent data from all States, the National level report was finalized in the present form. The following tables have been generated from the 5th MI Census.

Integrated Tables:

These tables contain State wise aggregate data for the reference year 2013-14 for all types of schemes on key items viz. Number, Irrigation Potential Created, Irrigation Potential Utilized for MI Schemes, Crop-wise irrigation, Sources of finance for construction of schemes in private sector, distribution of MI schemes- by social category, type of farmers, e.g., marginal, small, big farmers, use of distribution devices, constraints in utilization of MI schemes.

Scheme-wise tables:

These contain detailed tables on other important aspects of ground water and surface water MI Schemes separately by each type of scheme. The items covered are ownership of scheme, cost of construction, distribution device, social status of owner, type and status of scheme, source of finance and water lifting device. The scheme-wise tables also provide data for each State/ UT separately on each item. District level data is available on the website of the Ministry while details below district level can be obtained through NIC unit in the Ministry after a request is made to the Ministry giving the clear specific purpose and due approval.

CHAPTER 4
METHODOLOGY OF MINOR IRRIGATION CENSUS

4.1 METHODOLOGY OF DATA COLLECTION

As in the earlier 4th MI Census, the methodology for conducting 5th MI Census involved canvassing paper based enumeration schedules for collecting village level and MI scheme-wise data in the rural areas. The Village schedules were normally canvassed by Patwaries through enquires from village level workers/gram pradhans and the information available from revenue or land records maintained in the office of Government authorities. The other two schedules of 5th MI Census - namely ground water and surface water schedules, were canvassed by primary enumerators through enquiries from the owners of schemes. In case of institutional schemes, the information is collected through available records. In most of the States/UTs, the field work of the census was undertaken by the Nodal department itself and in rare cases, entrusted to some other agency which the State Governments considered fit, taking into account field level staff available with them. The schedules along with the instruction manual and related documents were provided to the primary enumerators. For the entire census operation, Minor Irrigation Census Commissioners in States/UTs, were the pivotal point.

4.2 COORDINATION MECHANISM

A Steering Committee was constituted at the Central level under the Chairmanship of Secretary and members from Planning Commission, Central line Ministries like Ministry of Agriculture, Rural Development, Panchayati Raj, Statistics and Programme Implementation, State Governments of Madhya Pradesh, Rajasthan & Tamil Nadu apart from Central Water Commission and Central Ground Water Board to guide and advise about the conduct of 5th MI Census. The methodology of the Census, schedules etc. were finalised in the Steering Committee.

A Steering Committee is also formed in each State with Secretary of the Nodal Department as Chairman and members from the State Departments of Revenue, Irrigation, Panchayati Raj, State Planning, Directorate of Economics and Statistics, Rural Development and State head of National Sample Survey Office (Field Operations Division) to provide technical inputs and guide the State Nodal Statistical Cell during the Census operations. The Regional Chief Engineer of Central Water Commission and a representative from regional office of Central Ground Water Board are also members of this Committee, wherever possible. Teams are also formed at State level which includes officers of the State Statistical Cell for conduct of census in the state. These teams would be entrusted with the work of training, monitoring, coordination and supervision of the Census exercise in the state. Thus the technical staff of the State Statistical Cells are trained during the State level trainings organized by the Centre.

4.3 FIELDWORK

The primary enumerators while canvassing the schedules visit the owner of the Minor Irrigation Schemes and collect information on the basis of personal enquiry from him. The physical verification of the schemes is also done by the enumerators. The purpose of the Census is explained to the farmers to win over their confidence in revealing the specific information in respect of Minor Irrigation works. Assurance that the data furnished by them would be kept confidential is given to the farmers. Certain information relating to the scheme is collected by the enumerators by physical examination of the scheme. After filling up the schedules, the enumerators are required to deposit all completed schedules with the Block development Officer/Officer-in-charge at the block level.

4.4 SUPERVISION AND INSPECTION

Primary enumerators for field work were either village level workers or village accountants or Lekhpals or Patwaries or any other official designated by the State/UT Government. The work of supervision was entrusted to higher supervisor level officers of the field agency. However the overall quality of field work was monitored by Block/District/State level officers, who in order to ensure the correctness of data conducted frequent site visits of the schemes as per prescribed norms and checked the entries made by primary enumerators. In addition, Central team along with the State Statistical Cell officials conducted field visits in the States/UTs and checked the quality of field work.

4.5 SAMPLE CHECK

The block level officers had to visit atleast 5 villages in their respective blocks and physically verify the schemes covered, quality of census and the extent of coverage of schemes in the village and scrutinise at least 10% or 300 schedules, whichever is maximum, in order to ensure the correctness of data collected. On completion of the scrutiny and after the field visits, he fills up the Supervisor's report form and submits it to the State Nodal office. He submits all the schedules to the district level officer concerned where the data are first scrutinized by the district level officer. At least 1% of the total schedules or 100 schedules, whichever is maximum, are selected at random and scrutinized by the district level officer. The district level officers had to visit atleast 5 villages in 5 separate blocks in their respective districts to physically verify the quality and coverage of the MI Schemes in the census. After the field work is completed and scrutiny of forms is over, the supervisor's report form is filled up by the district level officers and submitted to the State Nodal office. The Monthly Progress Reports on the Census are sent by the State reflecting scrutiny /inspection details along with progress of field work. The schedules are then handed either to any State Government Department for in-house data entry or to any other agency selected for data entry by the State Government concerned.

4.6 COMPUTERISATION OF CENSUS DATA

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

The 5th MI Census data computerised by States/UTs are stored in a Central database server located in New Delhi and maintained by NIC. This also eliminated the need for physical transmission of data in CDs as in previous Census. The real time Census data as available in the tabulation reports was again scrutinized based on some broad parameters and referred back to States for comments and possible corrections using software. After rectification, if any, by State Governments, data on online portal was freezed in order to generate the final tabulation reports for the National level report. The processing of the report and generation of tables was taken up with the help of NIC in New Delhi. The State Census Commissioners can also use the software for generating micro level tables as per the tabulation reports.

4.7 TRAINING AND CAPACITY BUILDING FOR DATA COLLECTION

The Training for the 5th MI Census commenced formally with the organisation of the All India Training Workshop for the Trainers at New Delhi in which officers from each State/UT participated. In addition, Six Regional Training Workshops were conducted for Northern, Southern, Eastern, Western, Central and the North Eastern regions covering all States/UTs. Apart from training on concepts, definitions, schedules and instruction manual, field training was also imparted to officials from State Governments/UT Administration in these Workshops. These Workshops were attended by 3-4 participants from each State/UT who imparted the next level State trainings organised by the Minor Irrigation Census Commissioners at the State and District Headquarters in which the district level officers and block level officers/ enumerators respectively were trained. A representative from the Centre generally participates as an Observer in some such State level trainings. In addition, the District level officers from all the districts, State level NIC officers, State Agricultural Statistical Agency/Directorate of Economics and Statistics Head generally attend the State trainings. The details of the methodology adopted for the census, its procedure, concepts and definitions etc. are discussed thoroughly and necessary clarifications are also given in such trainings.

Four Regional Training Workshops on Data Processing were organized in which officers from all State/ UTs were imparted detailed training on various modules of the online web-based software developed by NIC for the first time for the 5th MI Census. Suggestions/feedback received from the States/UTs in these workshops was also incorporated in the software. The State /UT level officers trained in these Workshops imparted further training in their respective States/UTs.

4.8 FINANCIAL ASPECTS

As a token of appreciation of work entrusted to various officials in addition to their normal duties and not as compensation or remuneration for additional work, the officials who are involved in the inspection of field work and schedules at the District/ Block levels are paid suitable honorarium which is drawn from the grants released to the States/UTs by the Ministry of Water Resources, River Development and Ganga Rejuvenation for the 5th MI Census. The rates of grant towards honorarium have been tentatively decided for different administrative levels for primary enumeration and supervisory/inspection work. The honorarium for each district and Block level is fixed. Funds for contingency are also provided for various training and meetings etc. and for printing of schedules and related documents.

4.9 MONITORING PROCESS

The State/UT Governments submit Monthly Progress Report regarding the various phases of Census work in the prescribed Performa to the Ministry by email/ by post or by Fax. Further, Progress Monitoring module available in the online web based software developed by NIC also enabled to view the real-time progress in data entry and validation phases of Census work. The progress of the Census work at the central level is also regularly reviewed in Weekly / Monthly meetings of senior officers in the Ministry. The key issues related to progress are also taken up with senior officers of States/UTs through Video Conferences and visits to States/UTs, apart from review meetings with officers of States/UTs in the Ministry. Review of Census field work is also an integral part of Regional Data Processing Workshops. This helps in monitoring the progress of Census work, taking remedial measures wherever called for. The States/UTs have also devised their own mechanism to monitor the flow of work regularly.

CHAPTER 5
ANALYSIS AND KEY FINDINGS

5th Census of Minor Irrigation schemes was conducted with reference year 2013-14 across the country in 33 States/UTs except Daman & Diu, Dadra & Nagar Haveli and Lakshadweep. This Census covered 661 districts in India and 646784 villages in the country. It involved large scale collection of data of about 21.7 million minor irrigation structures in 646784 villages and was completed by primary workers in the States/UTs under the overall supervision of State Nodal Departments for compilation minor irrigation statistics under RMIS scheme.

5.1 KEY FINDINGS:- Key findings of this Census based on regional analysis, parameter wise analysis, scheme wise analysis and comparison with 4th Census are summarized as under:-

1) Ground water still accounts for lion share (94.5%) of all the minor irrigation schemes in the country.

2) At the national level, Ground water schemes are increasing but Surface water schemes are declining.

3) Correspondingly, irrigation potential created (IPC) and utilized (IPU) from Ground water schemes has increased in the 5th MI Census. While, irrigation potential created (IPC) and utilized (IPU) from Surface water schemes has declined in the 5th MI Census. This implies declining dependency of farmers on surface water schemes and increasing dependency on Ground water schemes for meeting their minor irrigation needs. So, in order to decrease the dependency of farmers on ground water and to reduce the further depletion of ground water, surface water sources need to be restored in order to continue to derive irrigation benefits from them.

4) A majority of minor irrigation schemes (96.7%) and ground water minor irrigation schemes (98.7%) continue to remain under private ownership. Most MI structures in India are, therefore, owned by individual farmers or group of farmers and hence it has maximum outreach for irrigation purposes. Within this, small and marginal farmers (having less than 2 ha of land) still own a major share of minor irrigation schemes. This emphasizes the need for strengthening the network of MI structures for irrigation purposes in the country which, in turn, will play a crucial role in improving the livelihood of these farmers.

5) Own saving of the farmers continues to be the major source of financing for installation of minor irrigation schemes, pointing out the need for more financial support to the farmers by the financial institutions.

6) Though the share of open channels for conveying water to the fields has reduced in 5th MI census, it still remains the major mode of water distribution. Correspondingly, the share of efficient water distribution systems like surface pipe, underground pipe, drip and sprinklers has increased. Surface pipe has recorded the highest increase, followed by underground pipe, drip and sprinkler.

7) There are wide regional variations in the composition of minor irrigation sector as well as its energisation pattern. Minor irrigation schemes have increased in Peninsular and other regions while the same has declined both in the Western and Eastern Indian plains. There is a marginal increase in shallow & medium tubewells and moderate increase in deep tubewells in the Eastern region. In contrast, deep tubewells have almost doubled in Western Indian plains and Peninsular regions. Electricity is the predominant source of energy in MI schemes across all the regions except Eastern Indian plains and Indian Himalayas. The Eastern Indian plains show a very low share (20%) in minor irrigation schemes using electricity for irrigation. Diesel accounts for a substantial share (74%) of energy requirement for irrigation in the Eastern Indian Plains.

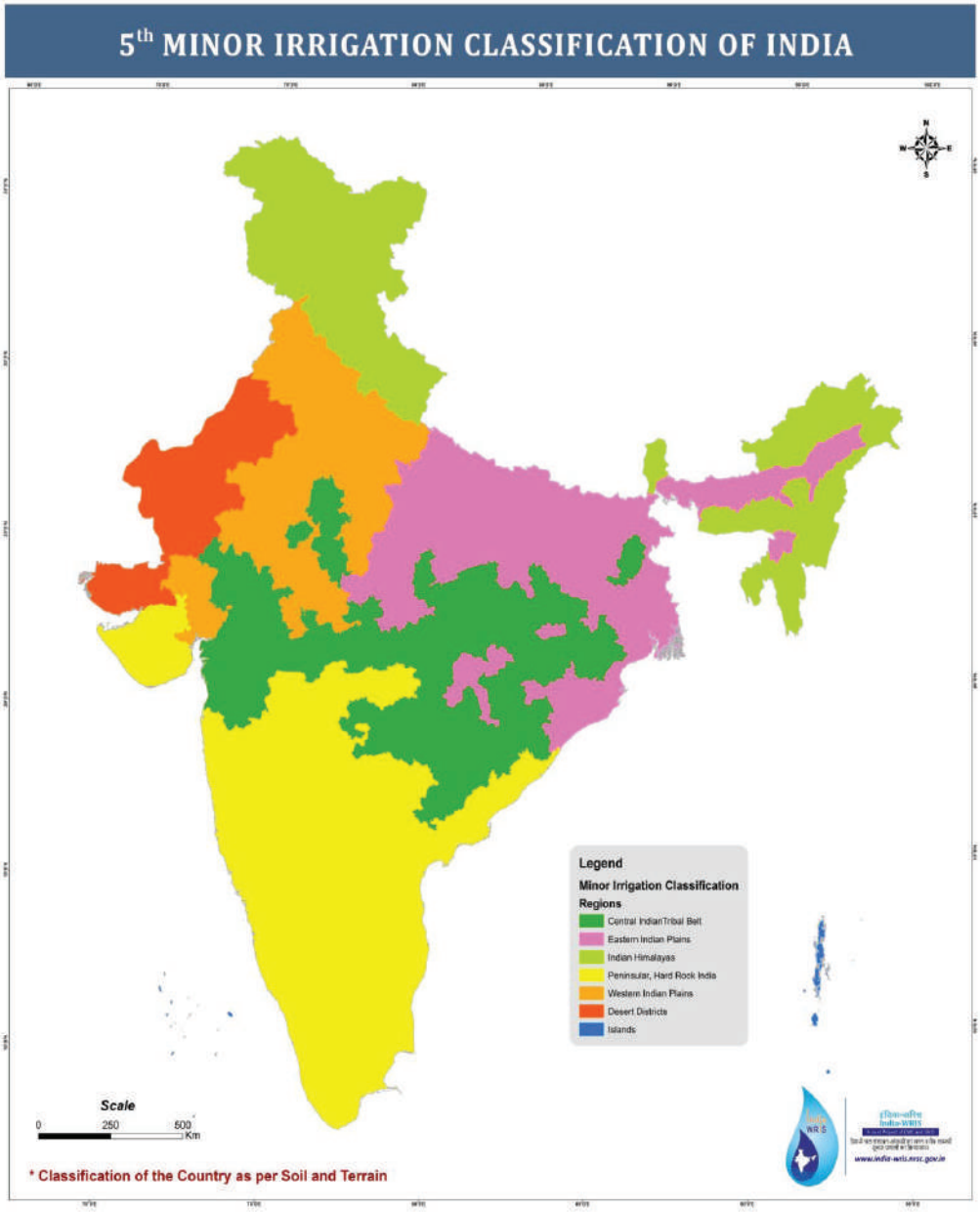
8) This implies that the over exploited ground water regions like Western Indian plains and Peninsular Hard rock where electricity is the dominant and relatively cheap source for energising minor irrigation schemes, growth in number of deep tubewells is exceptionally high. In contrast, Eastern Indian plain having relatively abundant ground water resources and diesel is the dominant and relatively high priced source of energy resulting in relatively lower growth in number of tubewells and lesser utilisation of ground water for minor irrigation.

9) Hence, multi pronged strategies for development of minor irrigation sector taking into account, both ground water availability as well as prevailing energy scenario in different regions have to be evolved. Like, in Eastern Indian plains, access and availability of electricity needs to be improved in such a manner as to promote sustainable utilisation of ground water for minor irrigation. At the same time, measures in this region should be such as to prevent the ground water situation in Eastern Indian plains becoming similar to peninsular and western regions in future. Simultaneously, use of renewable energy source like solar energy needs to be actively promoted.

5.2 REGIONAL ANALYSIS:-

For the purpose of objective regional comparison and analysis, the whole country has been divided into seven (7) geographical regions on the basis of soil and terrain conditions as below (district wise details of this regional classification at Annex-I):-

(i) Central Indian Tribal
(ii) Desert Districts
(iii) Eastern Indian Plains
(iv) Indian Himalayas
(v) Islands
(vi) Peninsular, Hard Rock India
(vii) Western Indian Plains

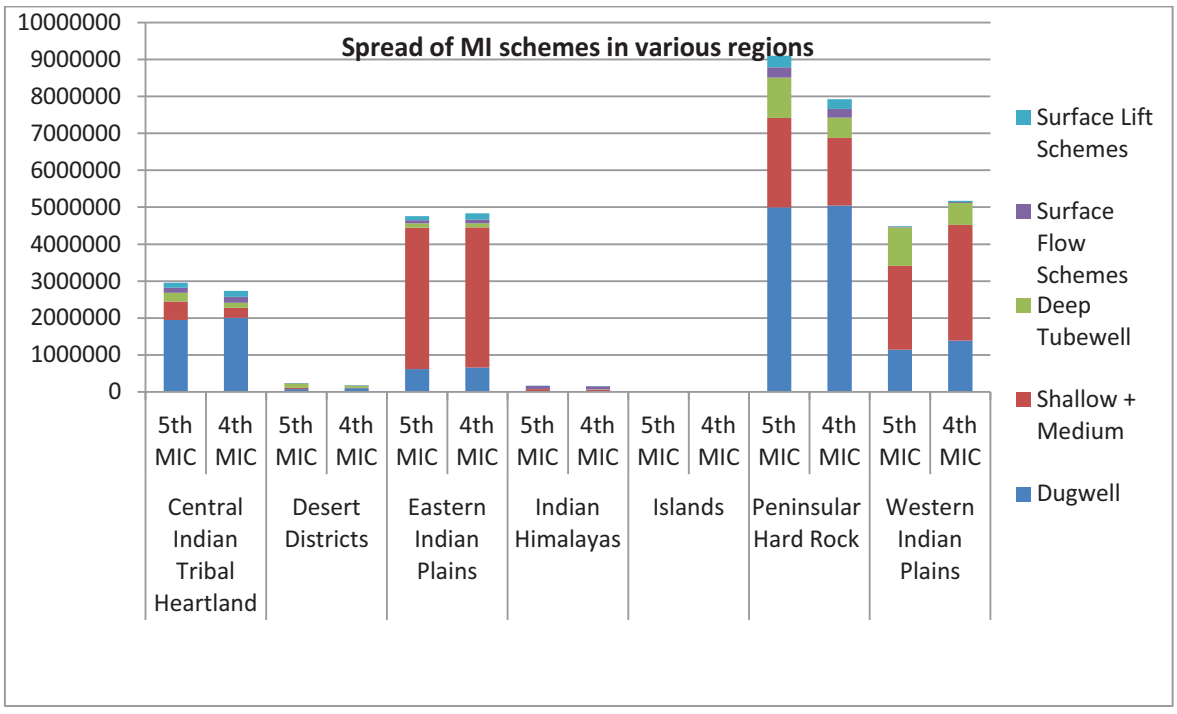


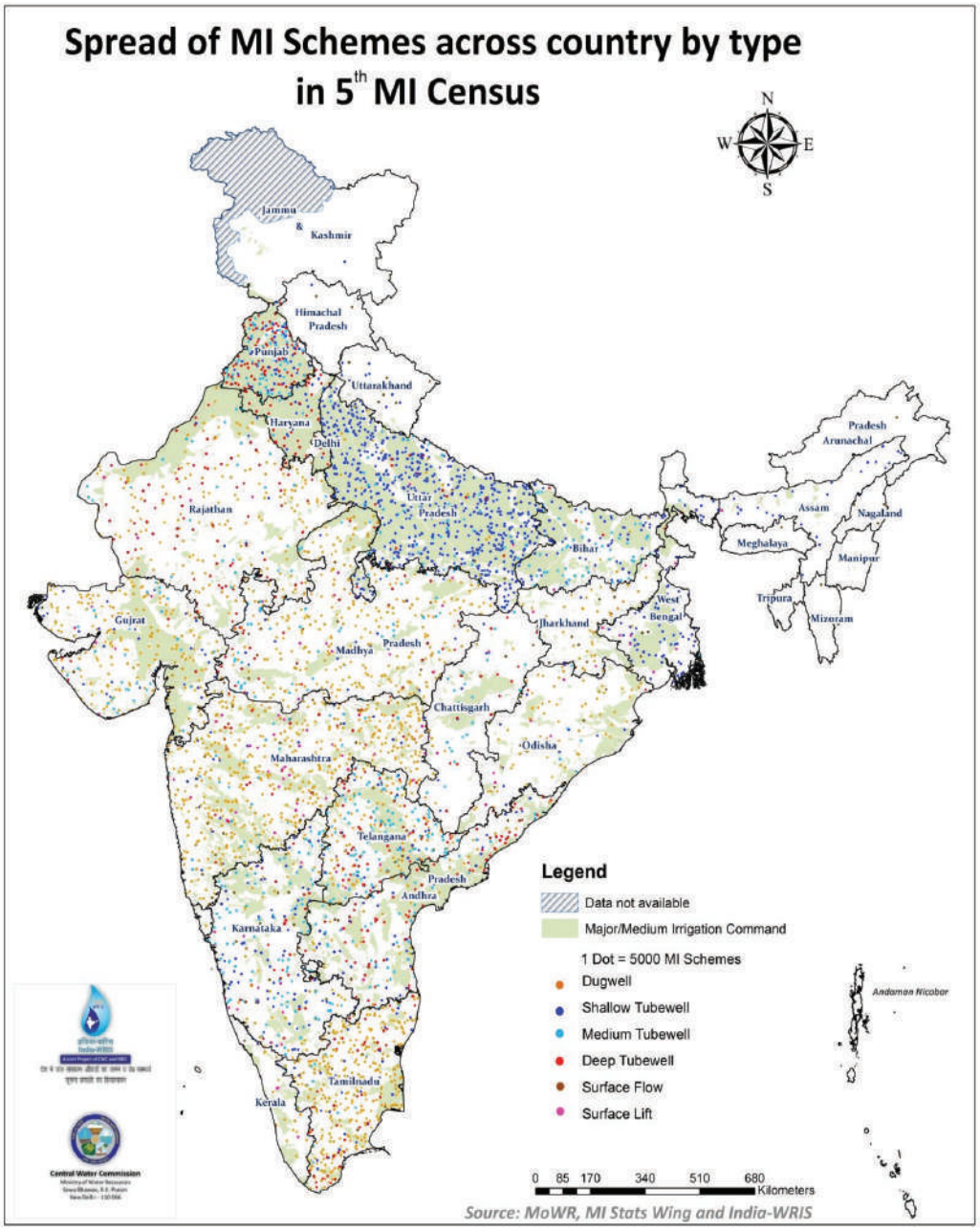
Following salient points emerge from the regional analysis of 5th and 4th MI Census:-

(A) Region wise composition of MI schemes:-

Spread of MI Schemes in 5th MI Census in various regions (in numbers)

Region		Dugwell	Shallow + Medium	Deep Tubewell	Surface Flow Schemes	Surface Lift Schemes	Total (All Schemes)
Central Indian Tribal Heartland	5th MIC	1952398	492113	238769	132692	143001	2958973
	4th MIC	2003439	271227	141262	155737	167412	2739077
Desert Districts	5th MIC	79302	28834	118689	102	3897	230824
	4th MIC	99464	9773	60034	186	2618	172075
Eastern Indian Plains	5th MIC	616950	3830488	120092	78893	114795	4761218
	4th MIC	662979	3793419	106034	102370	171576	4836378
Indian Himalayas	5th MIC	1701	72004	2530	88738	4942	169915
	4th MIC	3661	59766	2086	89750	4783	160046
Islands	5th MIC	1334	23	0	352	1001	2710
	4th MIC	1283	86	3	314	1572	3258
Peninsular Hard Rock	5th MIC	4993024	2420224	1097897	279903	307984	9099032
	4th MIC	5043706	1832557	550674	231487	267361	7925785
Western Indian Plains	5th MIC	1140890	2273807	1040815	11476	24473	4491461
	4th MIC	1385659	3137837	592871	21271	32416	5170054
Total (All Regions)	5th MIC	8785599	9117493	2618792	592156	600093	21714133
	4th MIC	9200191	9104665	1452964	601115	647738	21006673





1) Total number of MI schemes in the country has shown an increase of 7.14 lakhs in 5th MI Census as compared to 4th MI Census. Scheme wise analysis reveals an increase in the numberof shallow & medium tubewells (taken together) and deep tubewells. Number of dugwells and surface water minor irrigation schemes in the country have recorded a decline in 5th MI Census.

2) The total number of MI schemes in all regions, viz. Peninsular Hard rock region, Central Indian Tribal region, Desert districts and Indian Himalayas is increasing except the Eastern Indian Plains, Western Indian Plains and Islands where the number of MI structures has come down in the 5th MI Census from the 4th MI Census.

3) The highest increase in the number of Minor Irrigation schemes is in Peninsular hard rock region (comprising mainly the southern states of Andhra Pradesh, Telangana, Karnataka, Kerala, Tamil Nadu and Goa as well as most of the districts of Maharashtra, some districts of Gujarat and Puducherry). Shallow, medium & deep tubewells as well as surface flow and lift schemes registered a growth in this region in the 5th MI Census. Deep tubewells have almost doubled in this region.

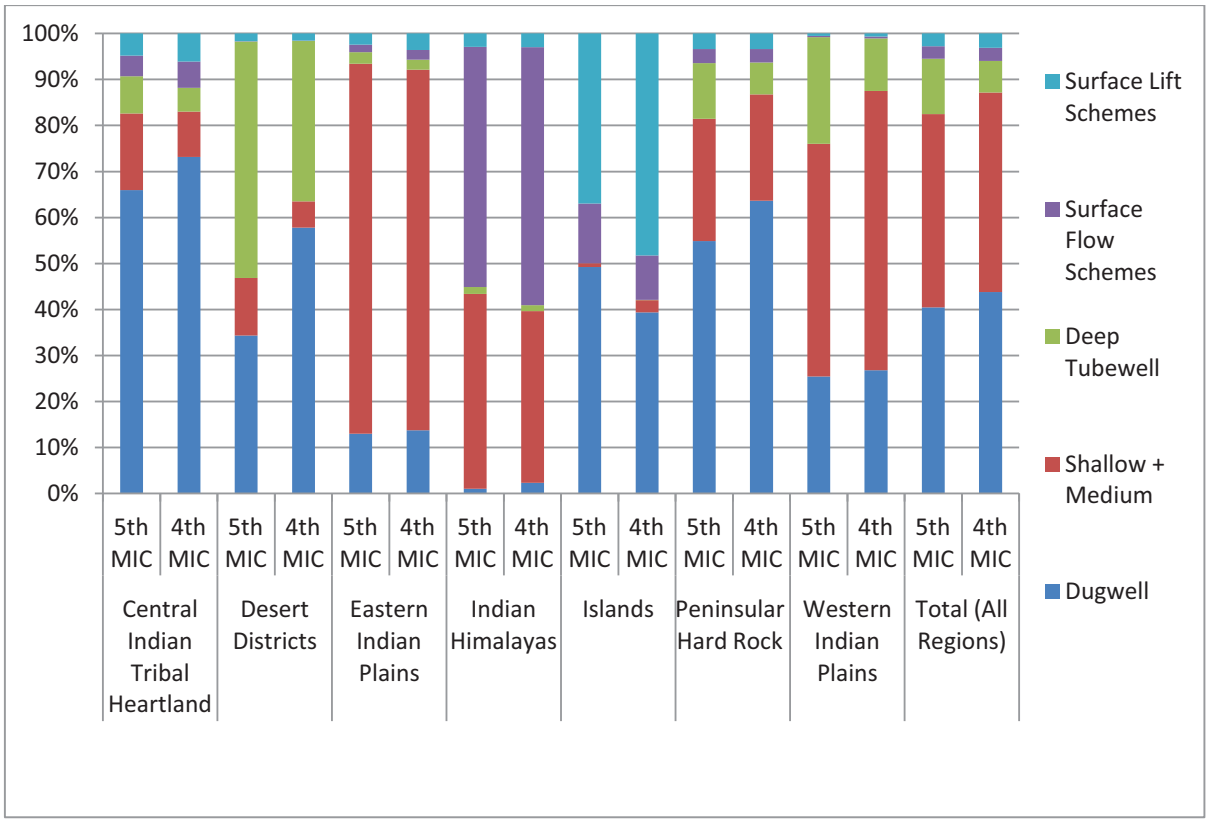
4) In the Central Indian Tribal region and Desert Districts region, the growth in the number of MI schemes is led by shallow and medium tubewells followed by deep tubewells. In both these regions; dugwells and surface flow schemes have registered a decline whereas surface lift schemes have shown an increase in desert region.

5) **The number of dugwells, surface flow and surface lift schemes has registered a significant decrease in the Eastern region, bringing down the total number of MI schemes in the region. However, there is a marginal increase of 1% in the number of shallow & medium tubewells (taken together) and 13% in deep tubewells in 5th MI Census in this region. Despite this, the increase in the number of deep tubewells in the Eastern region is lowest among all the regions. In contrast, the Western Indian Plains have registered very high increase in the number of deep tubewells in the 5th MI Census as compared to 4th MI Census in spite of a decrease in all other type of MI Schemes in this region. There is a drastic reduction in dugwells and shallow & medium tubewells in the Western Indian Plains.**

6) In Indian Himalayas, number of shallow & medium tubewells, deep tubewells and surface lift schemes have registered a growth in 5th MI Census whereas dugwells & surface flow schemes have declined as compared to 4th MI Census.

Percentage of various MI Schemes in a region wrt total of all schemes in that region

Region		Dugwell	Shallow + Medium	Deep Tubewell	Surface Flow Schemes	Surface Lift Schemes	Total (All Schemes)
Central Indian Tribal Heartland	5th MIC	66.0	16.6	8.1	4.5	4.8	100
	4th MIC	73.1	9.9	5.2	5.7	6.1	100
Desert Districts	5th MIC	34.4	12.5	51.4	0.0	1.7	100
	4th MIC	57.8	5.7	34.9	0.1	1.5	100
Eastern Indian Plains	5th MIC	13.0	80.5	2.5	1.7	2.4	100
	4th MIC	13.7	78.4	2.2	2.1	3.5	100
Indian Himalayas	5th MIC	1.0	42.4	1.5	52.2	2.9	100
	4th MIC	2.3	37.3	1.3	56.1	3.0	100
Islands	5th MIC	49.2	0.8	0.0	13.0	36.9	100
	4th MIC	39.4	2.6	0.1	9.6	48.3	100
Peninsular Hard Rock	5th MIC	54.9	26.6	12.1	3.1	3.4	100
	4th MIC	63.6	23.1	6.9	2.9	3.4	100
Western Indian Plains	5th MIC	25.4	50.6	23.2	0.3	0.5	100
	4th MIC	26.8	60.7	11.5	0.4	0.6	100
Total (All Regions)	5th MIC	40.5	42.0	12.1	2.7	2.8	100
	4th MIC	43.8	43.3	6.9	2.9	3.1	100



Percentage of various regions in a MI scheme wrt total of all regions in that scheme

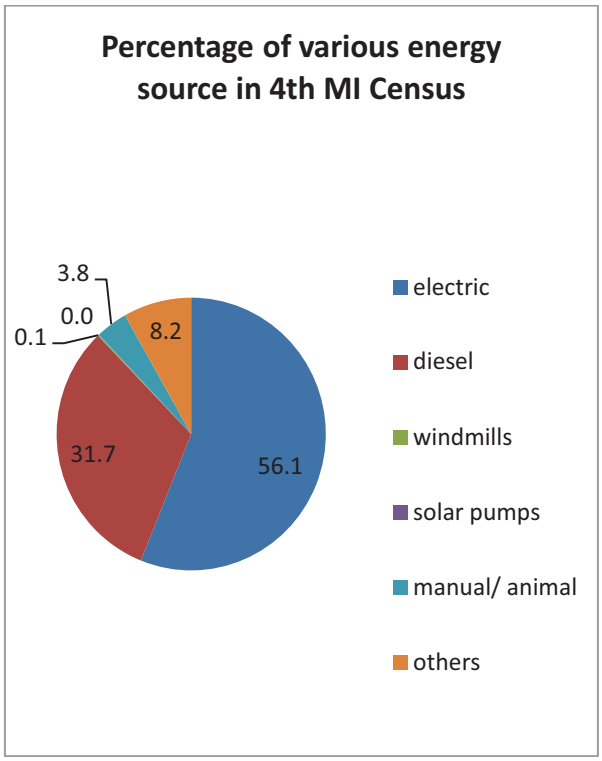
Region		Dugwell	Shallow + Medium	Deep Tubewell	Surface Flow Schemes	Surface Lift Schemes	Total (All Schemes)
Central Indian Tribal Heartland	5th MIC	22.2	5.4	9.1	22.4	23.8	13.6
	4th MIC	21.8	3.0	9.7	25.9	25.8	13.0
Desert Districts	5th MIC	0.9	0.3	4.5	0.0	0.6	1.1
	4th MIC	1.1	0.1	4.1	0.0	0.4	0.8
Eastern Indian Plains	5th MIC	7.0	42.0	4.6	13.3	19.1	21.9
	4th MIC	7.2	41.7	7.3	17.0	26.5	23.0
Indian Himalayas	5th MIC	0.0	0.8	0.1	15.0	0.8	0.8
	4th MIC	0.0	0.7	0.1	14.9	0.7	0.8
Islands	5th MIC	0.0	0.0	0.0	0.1	0.2	0.0
	4th MIC	0.0	0.0	0.0	0.1	0.2	0.0
Peninsular Hard Rock	5th MIC	56.8	26.5	41.9	47.3	51.3	41.9
	4th MIC	54.8	20.1	37.9	38.5	41.3	37.7
Western Indian Plains	5th MIC	13.0	24.9	39.7	1.9	4.1	20.7
	4th MIC	15.1	34.5	40.8	3.5	5.0	24.6
Total (All Regions)	5th MIC	100.0	100.0	100.0	100.0	100.0	100.0
	4th MIC	100.0	100.0	100.0	100.0	100.0	100.0

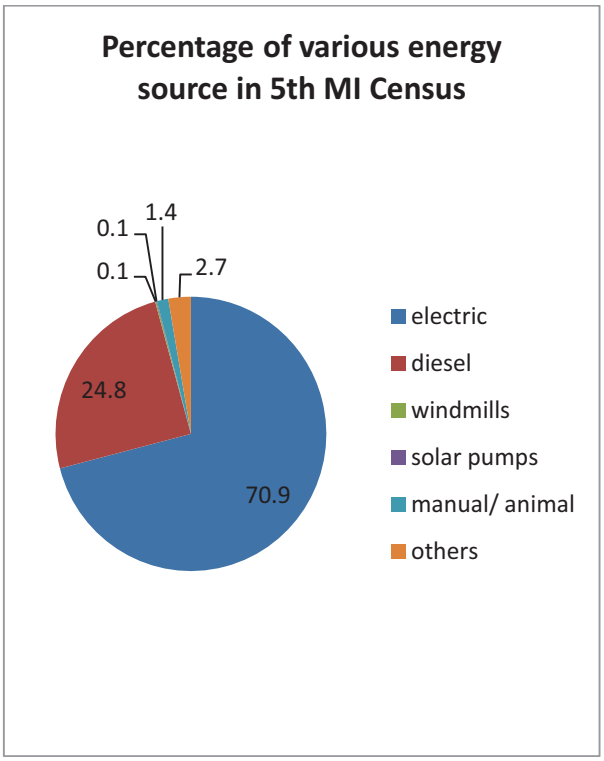
(B) Energy sources in minor irrigation :-

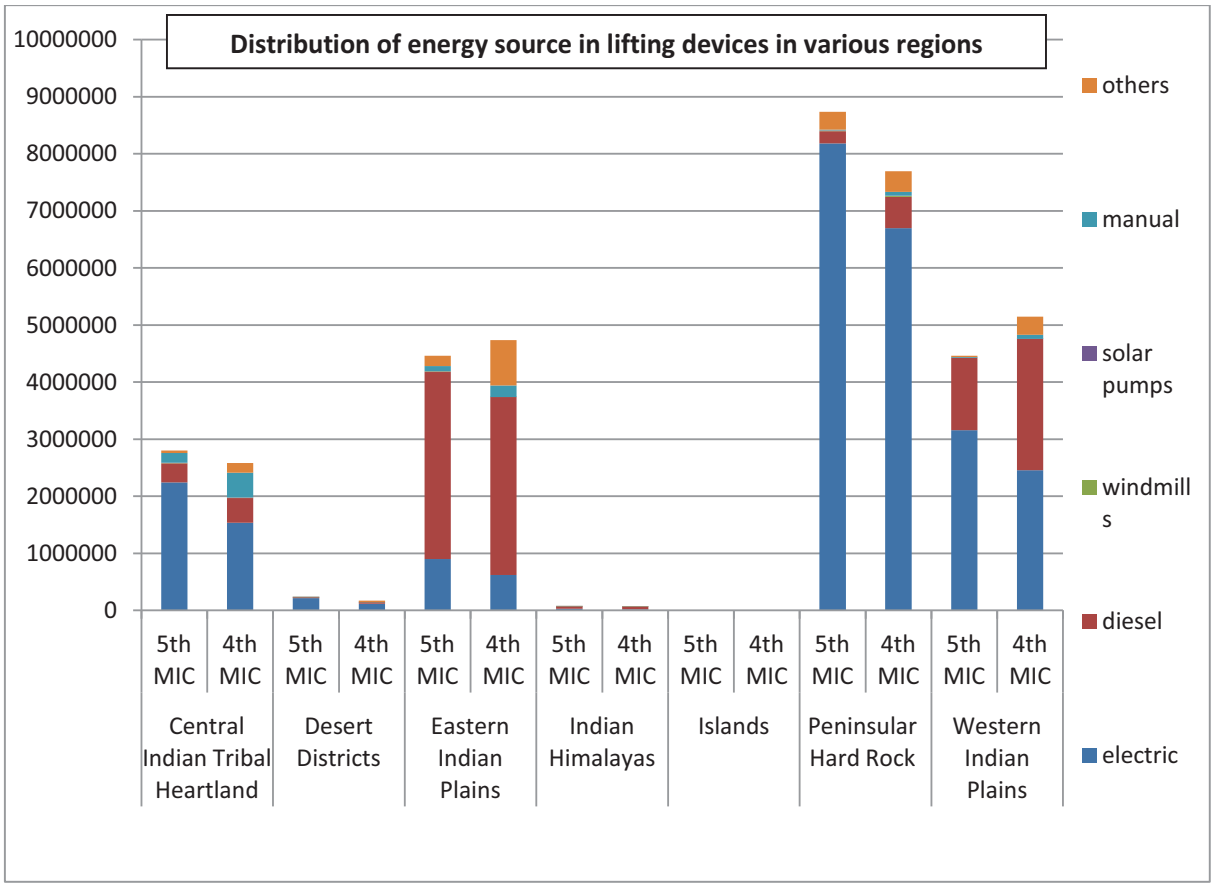
Distribution of source of energy in lifting devices in various regions (numbers)

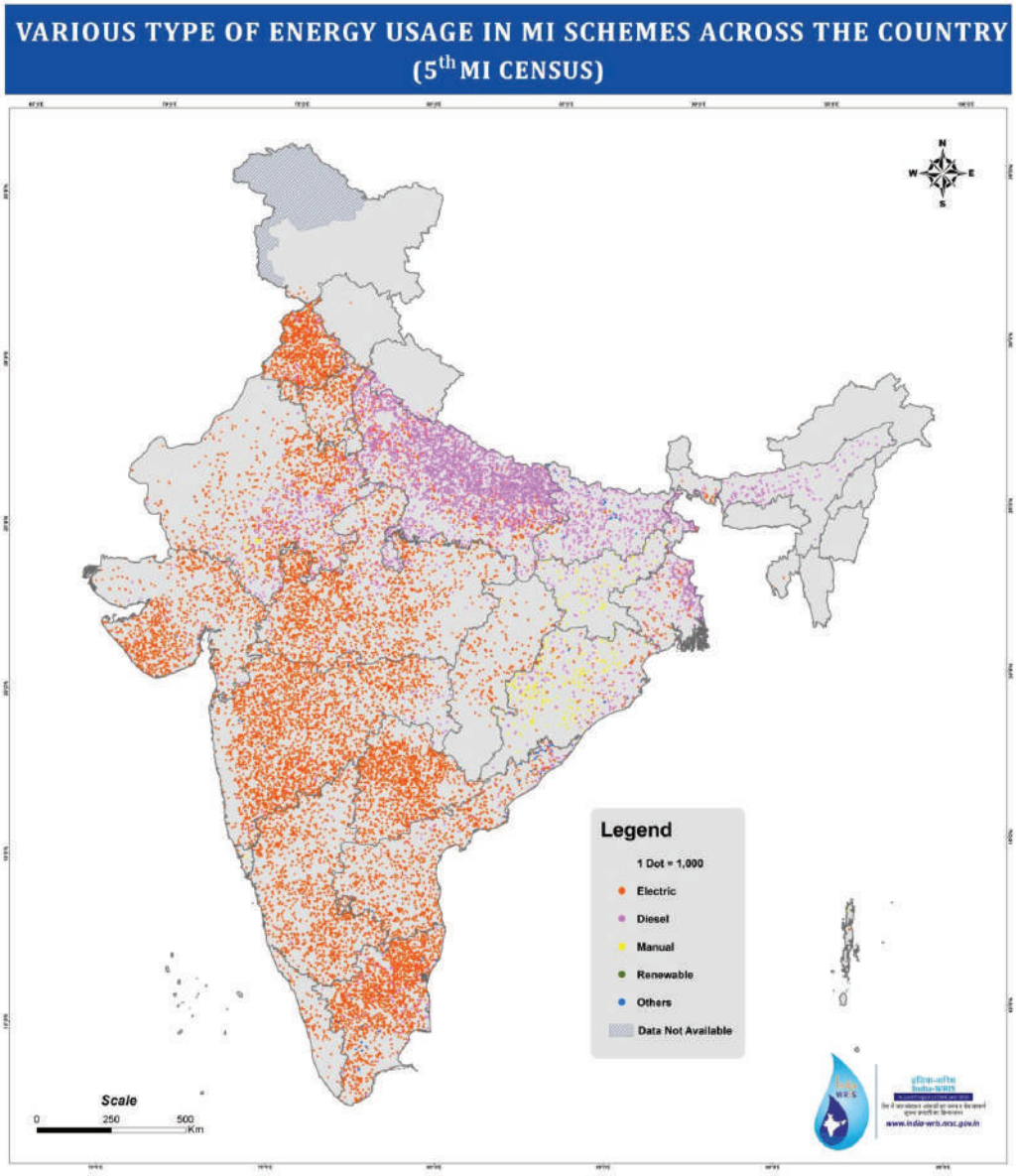
Region		electric	diesel	windmills	Solar pumps	Manual/ animal	others	Total
Central Indian Tribal Heartland	5th MIC	2243912	334564	5411	3074	167915	46828	2801704
	4th MIC	1535449	433438	5930	1898	433300	173325	2583340
Desert Districts	5th MIC	215166	15730	87	119	22	32	231155
	4th MIC	116719	28215	92	5	59	26799	171889
Eastern Indian Plains	5th MIC	896742	3280884	8436	4516	90958	178190	4459725
	4th MIC	621184	3115770	2735	1108	201794	791417	4734008
Indian Himalayas	5th MIC	29017	41158	43	16	327	2877	73437
	4th MIC	19276	48508	88	13	616	1795	70296
Islands	5th MIC	1108	453	7	5	832	19	2424
	4th MIC	266	562	0	1	1024	1091	2944
Peninsular Hard Rock	5th MIC	8185629	211681	12966	5611	6571	312118	8734576
	4th MIC	6699219	547507	16493	2100	69032	359947	7694298
Western Indian Plains	5th MIC	3157941	1263352	2996	2769	15092	16937	4459087
	4th MIC	2456239	2300452	2522	703	71642	317225	5148783
Total (All Regions)	5th MIC	14729515	5147821	29945	16110	281717	557000	20762108
	4th MIC	11448352	6474452	27860	5828	777467	1671599	20405558

Note: For comparison with 4th MI census, data of more than one source of energy in a lifting device in 5th MI census has been apportioned and clubbed with data of one energy source.


Percentage of various energy source in 4th MI Census
3.8
0.0
0.1
8.2
31.7
56.1
electric
diesel
windmills
solar pumps
manual/ animal
others

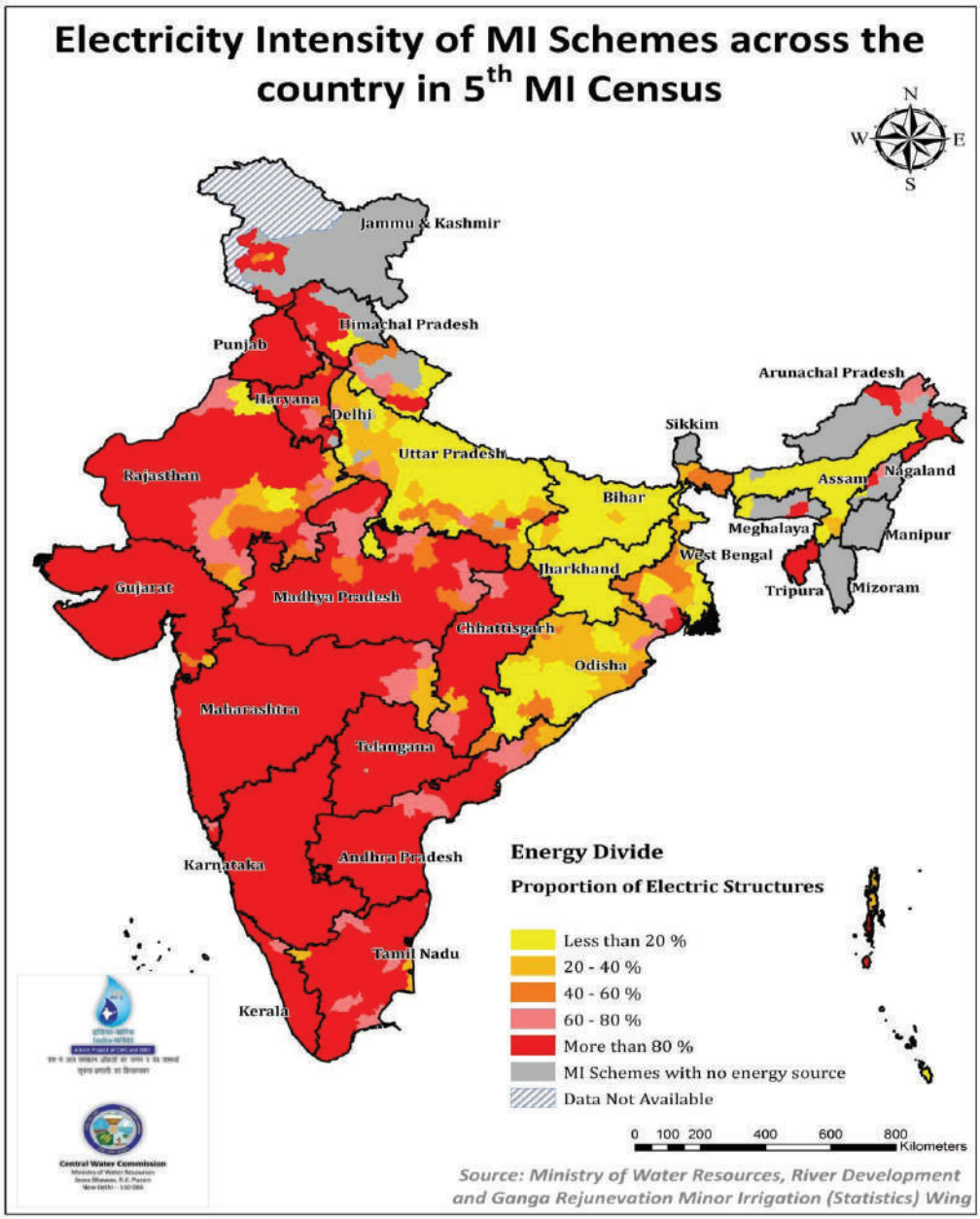

Percentage of various energy source in 5th MI Census
0.1
1.4
0.1
2.7
24.8
70.9
electric
diesel
windmills
solar pumps
manual/ animal
others


Distribution of energy source in lifting devices in various regions
10000000
9000000
8000000
7000000
6000000
5000000
4000000
3000000
2000000
1000000
0
5th MIC
4th MIC
Central Indian Tribal Heartland
Desert Districts
Eastern Indian Plains
Indian Himalayas
Islands
Peninsular Hard Rock
Western Indian Plains
others
manual
solar pumps
windmills
diesel
electric



1) At the national level, electricity continues to be the major source for energizing minor irrigation schemes and its share has increased from 56% in 4th to 71% in 5th MI Census. Share of renewable sources of energy (solar, wind mills) has also registered an increase in 5th MI Census. Share of diesel has declined from 31.7% in 4th to 24.8% in 5th MI Census.

2) Electricity is the predominant source of energy in MI schemes across all the regions except Eastern Indian plains and Indian Himalayas. Use of electricity as source of energy in minor irrigation schemes has shown an overall increase from 56.1% in 4th MI Census to 70.9% in 5th MI Census.



3) Correspondingly, the dependency on diesel in the country has shown an overall decline from 31.7% in 4th MI Census to 24.8% in 5th MI Census except ***the Eastern Indian Plains, where use of diesel for minor irrigation has registered an increase (5%).***

4) Use of renewable sources of energy like solar energy and windmills for minor irrigation has increased in 5th MI Census. Solar energy is also being used in conjunction with electricity and diesel. Use of solar energy is increasing in all regions

in 5th MI Census, especially Eastern and Western Indian plains. The use of Wind mills has also shown an overall increase at the national level.

5) Use of manual/animal and other sources of energy in minor irrigation has declined in 5th MI Census.

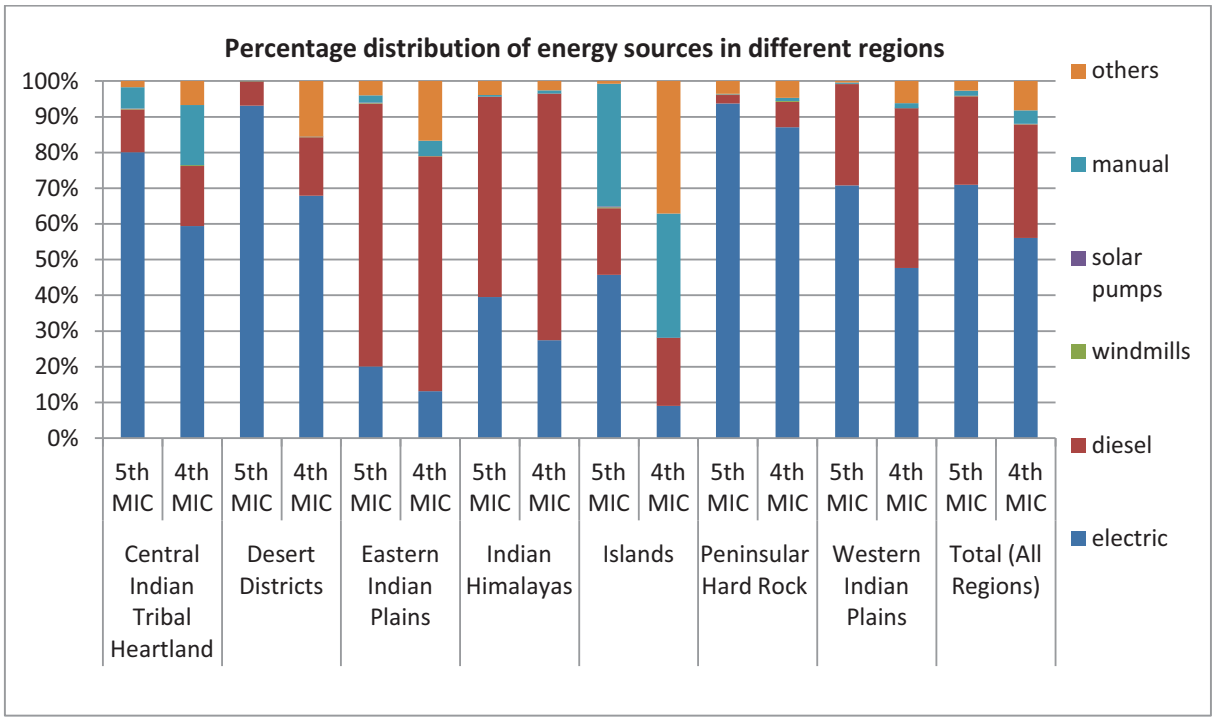
6) The Peninsular Hard Rock and Desert regions rank first in terms of use of electricity for minor irrigation followed by Central Indian Tribal region and Western Indian Plains.

7) The Eastern Indian plains show a very low share (20%) in minor irrigation schemes using electricity for irrigation in the 5th MI Census, although there is an increase as compared to 4th MI Census. Energy needs for minor irrigation are being met largely through diesel in this region. In fact, diesel accounts for a substantial share (74%) of energy requirement for irrigation in the Eastern Indian Plains.

8) Availability of electricity has thus played a key role in substantial increase in number of deep tubewells in Western Indian Plains and Peninsular Hard Rock region facing depletion of ground water level. While low access to electricity in Eastern Plains has led to lower growth of tubewells (shallow, medium and deep) inspite of abundant ground water potential available. This has pulled down the overall growth of minor irrigation sector in this region.

Percentage distribution of energy sources in different regions wrt total in that region

Region		electric	diesel	windmills	Solar pumps	Manual/ animal	others	Total
Central Indian Tribal Heartland	5th MIC	80.1	11.9	0.2	0.1	6.0	1.7	100
	4th MIC	59.4	16.8	0.2	0.1	16.8	6.7	100
Desert Districts	5th MIC	93.1	6.8	0.0	0.1	0.0	0.0	100
	4th MIC	67.9	16.4	0.1	0.0	0.0	15.6	100
Eastern Indian Plains	5th MIC	20.1	73.6	0.2	0.1	2.0	4.0	100
	4th MIC	13.1	65.8	0.1	0.0	4.3	16.7	100
Indian Himalayas	5th MIC	39.5	56.0	0.1	0.0	0.4	3.9	100
	4th MIC	27.4	69.0	0.1	0.0	0.9	2.6	100
Islands	5th MIC	45.7	18.7	0.3	0.2	34.3	0.8	100
	4th MIC	9.0	19.1	0.0	0.0	34.8	37.1	100
Peninsular Hard Rock	5th MIC	93.7	2.4	0.1	0.1	0.1	3.6	100
	4th MIC	87.1	7.1	0.2	0.0	0.9	4.7	100
Western Indian Plains	5th MIC	70.8	28.3	0.1	0.1	0.3	0.4	100
	4th MIC	47.7	44.7	0.0	0.0	1.4	6.2	100
Total (All Regions)	5th MIC	**70.9**	**24.8**	**0.1**	**0.1**	**1.4**	**2.7**	100
	4th MIC	**56.1**	**31.7**	**0.1**	**0.0**	**3.8**	**8.2**	100



5.3 ANALYSIS OF MI SCHEMES BY NUMBER, IPC/ IPU AND OTHER PARAMETRS:

5.3.1 Number of Minor Irrigation Schemes:

There has been increase in the number of Minor Irrigation structures in the country as observed during the 5th MI Census as compared to that in the 4th Census. In all 21.7 million MI structures were enumerated in 5th Census as against 21 million found during the 4th census which shows an increase of about 3.37% in total number of MI structures in India.

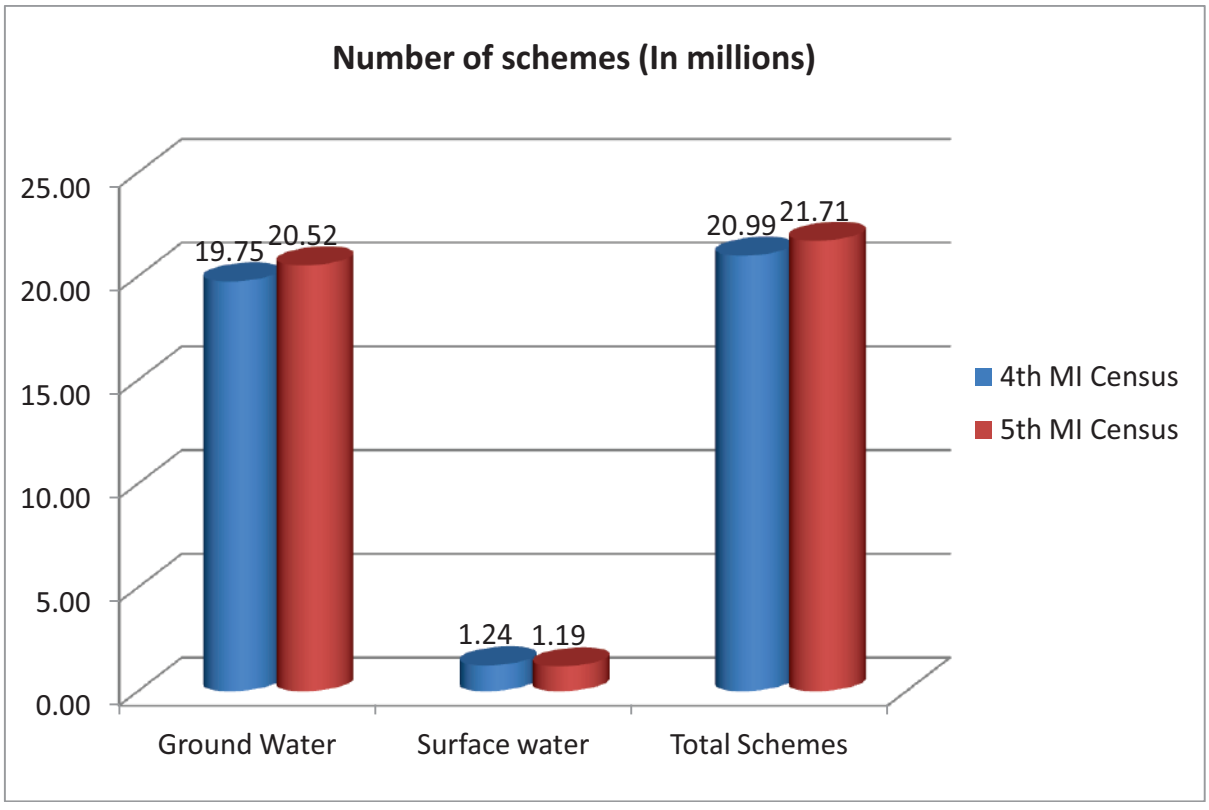
Uttar Pradesh possesses the largest number of MI schemes in the country (38 lakhs, 18%) followed by Maharashtra (29.2 lakhs, 13%), Madhya Pradesh (20.82 lakhs, 10%) and Tamilnadu (20.72, 10%). These four States contribute 50% of the total MI schemes in the country. If we include another 7 States namely, Telangana, Rajasthan, Karnataka, Gujarat, Punjab, Andhra Pradesh and Bihar; almost 90% schemes are covered in these 11 States. Out of 33 States/ UTs, 10 States have more than 10 lakh MI schemes and 8 States have MI schemes ranging between 1 lakh to 10 lakh. Remaining 15 States/UTs have less than 1 lakh schemes.

State-wise Number of Schemes in 5th MI Census

S.	Name of State	Number of MI	Percentage in Total	Cumulative
1	UTTAR PRADESH	3801286	18	18
2	MAHARASHTRA	2920874	13	31
3	MADHYA PRADESH	2082229	10	41
4	TAMIL NADU	2072517	10	50
5	TELENGANA	1522292	7	57
6	RAJASTHAN	1471068	7	64

7	KARNATAKA	1353889	6	70
8	GUJARAT	1330226	6	76
9	PUNJAB	1120963	5	81
10	ANDHRA PRADESH	1054356	5	86
11	BIHAR	649992	3	89
12	WEST BENGAL	495811	2	92
13	ODISHA	491394	2	94
14	HARYANA	350909	2	95
15	CHHATISGARH	315708	1	97
16	JHARKHAND	251224	1	98
17	ASSAM	136520	1	99
18	OTHERS	292875	1	100

There has been significant growth in Ground Water schemes from 19.75 million to 20.52 million during the period 2006-07 to 2013-14. Decline however has been observed in Surface Water schemes from 1.24 million to 1.19 million in the same period.



In Ground Water schemes, Uttar Pradesh possesses largest number of schemes followed by Maharashtra, Tamilnadu, Madhya Pradesh and Telangana. In Surface Water schemes, Maharashtra possesses largest number of schemes followed by Karnataka, Madhya Pradesh, Odisha and West Bengal.

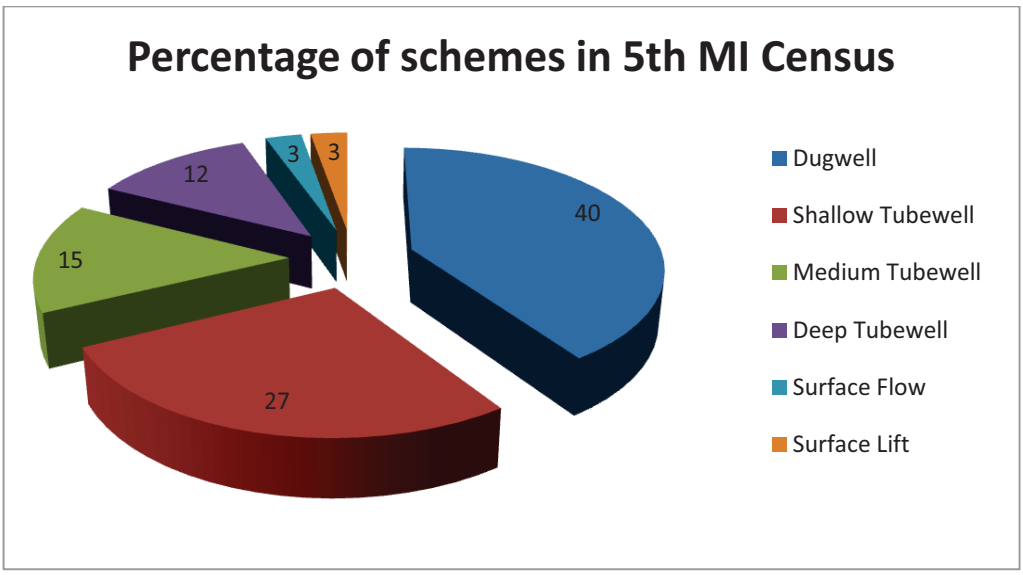
Leading States in number of GW/SW Schemes

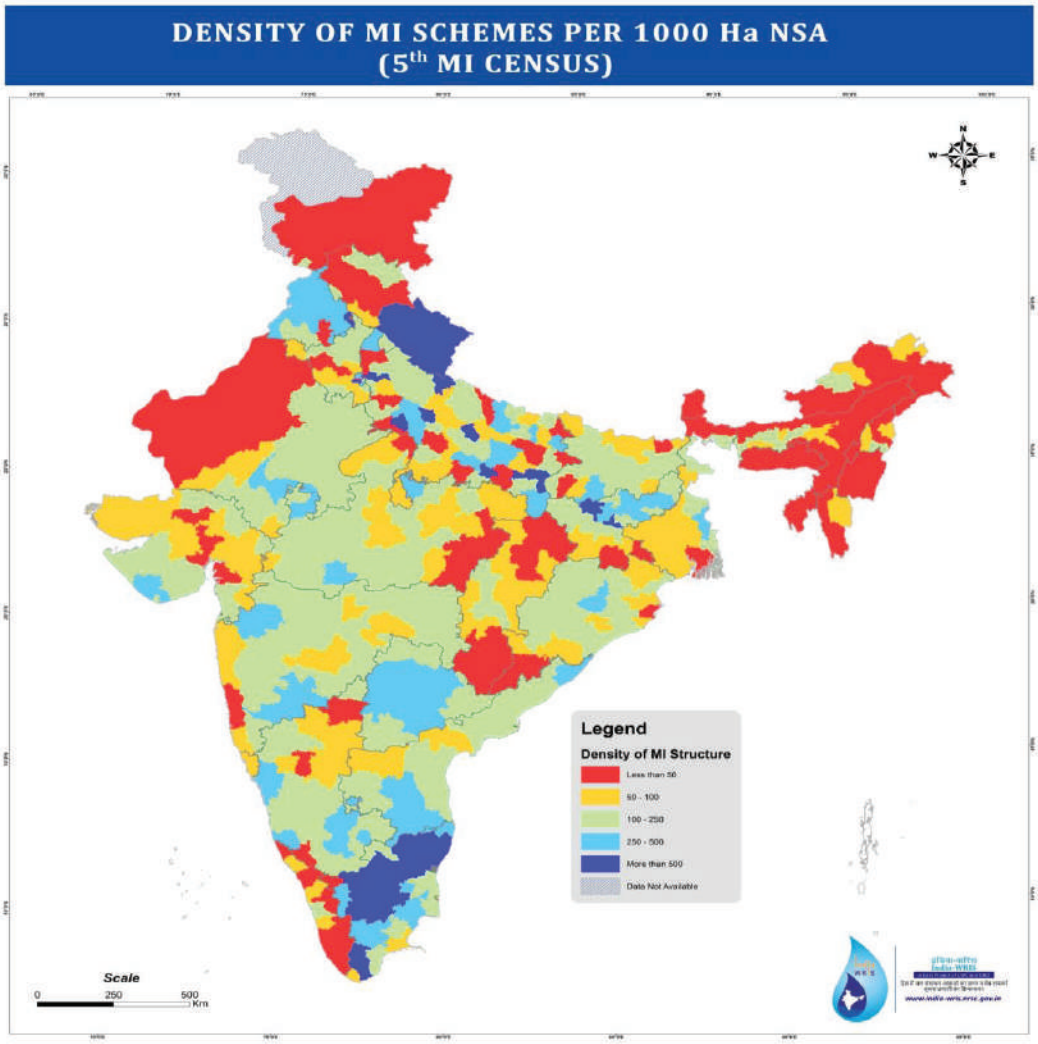
S. N.	Ground Water	Surface Water	Total
1	Uttar Pradesh	Maharashtra	Uttar Pradesh
2	Maharashtra	Karnataka	Maharashtra
3	Tamilnadu	Madhya Pradesh	Madhya Pradesh
4	Madhya Pradesh	Odisha	Tamilnadu
5	Telangana	West Bengal	Telangana

Leading States in number of MI Schemes

S. No.	Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Surface Flow	Surface Lift
1	Maharashtra	Uttar Pradesh	Telangana	Punjab	Maharashtra	Maharashtra
2	Tamilnadu	West Bengal	Karnataka	Rajasthan	Karnataka	Karnataka
3	Madhya Pradesh	Karnataka	Punjab	Andhra Pradesh	Madhya Pradesh	Madhya Pradesh
4	Gujarat	Bihar	Madhya Pradesh	Telangana	Andhra Pradesh	Odisha
5	Rajasthan	Punjab	Uttar Pradesh	Tamilnadu	Jharkhand	West Bengal

From the above table, it is observed that for each type of MI scheme, different states are leaders (in terms of largest number of MI schemes of a particular type) indicating the varying topography of different States. Maharashtra is most important for dug wells and surface water schemes whereas Uttar Pradesh, Telangana and Punjab are leading states for shallow tube wells, medium tube wells and deep tube wells respectively.





Number of MI schemes during 4th and 5th Censuses (in lakhs)

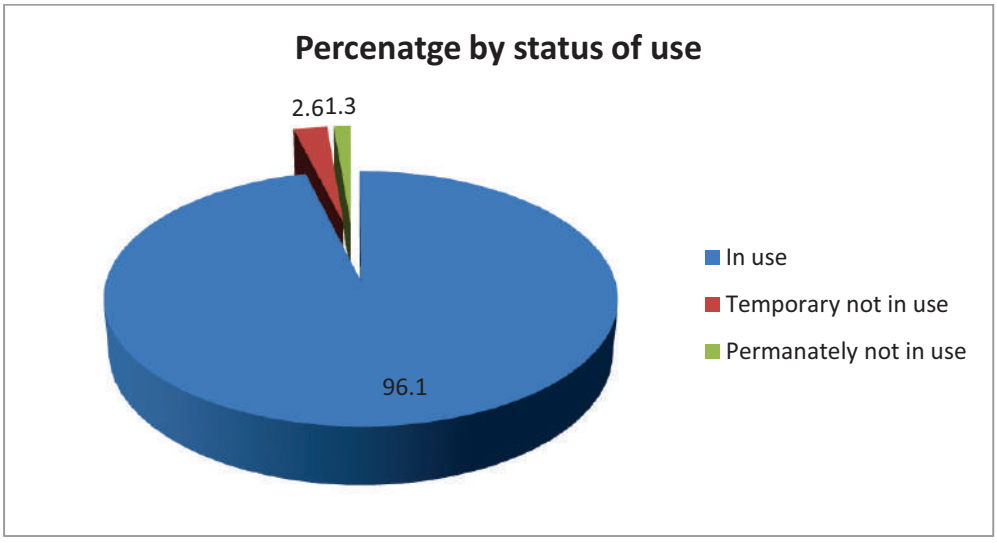
	4th MI Census	5th MI Census	Growth (%)
Dugwell	92.0(44%)	87.8(40.4%)	-4.51
Shallow Tube well (including medium Tubewell)	91.0(43%)	91.1(42%)	0.14
Deep tubewell	14.4(7%)	26.1(12.1%)	80.24
Ground Water	**197.6(94%)**	**205.2(94.5%)**	**3.87**
Surface flow	6.0(3%)	5.9(2.7%)	-1.49
Surface lift	6.5(3%)	6.0(2.8%)	-7.36
Surface Water	**12.5(6%)**	**11.9(5.5%)**	**-4.53**
Total	**210.1**	**217.1**	**3.37**

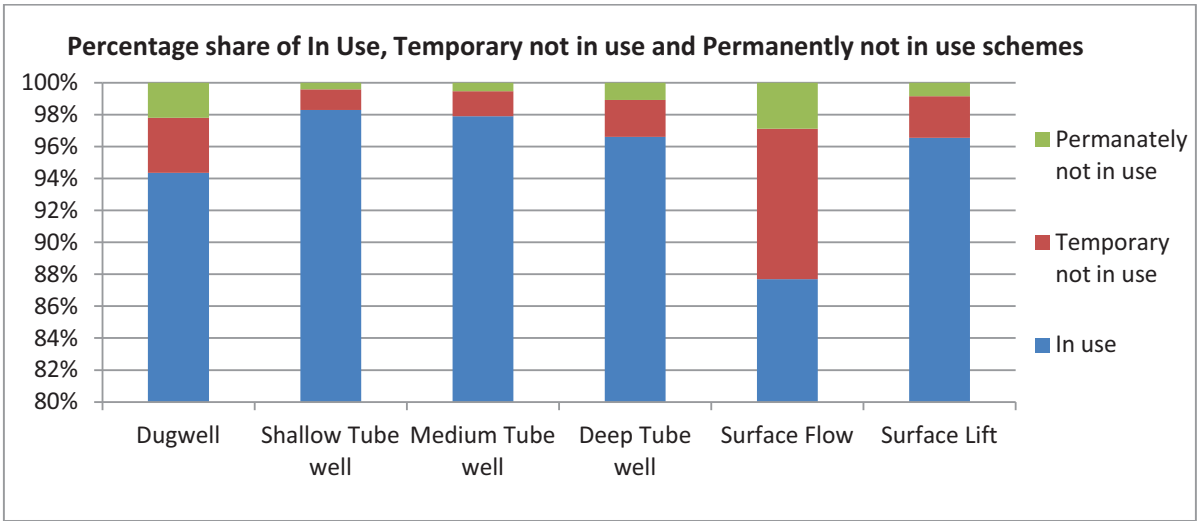
From the above table and pie-chart, it is evident that share of ground water in Minor Irrigation sector has increased. Almost 94.5% schemes in 5th MI Census are Ground Water schemes and predominance of dug wells and shallow tube wells has been observed during 5th

census which was the case during the 4th Census also. However, there has been decline of about 4.5% in the number of dug wells from 92 lakhs to 87.8 lakhs. Number of shallow tube wells is almost similar. However there is a drastic increase of 80% in number of deep tube wells from 14.4 lakhs to 26.1 lakhs. Surface flow and surface lift schemes have reduced by around 1.5% and 7.3% respectively. While the share of Ground water schemes in Minor Irrigation sector has increased, the share of dug wells has declined from 44% to 40.4% while that of tube wells has gone up from 50% to 54.1% during this period. Share of surface water schemes has marginally reduced from 6% to 5.5%. Surface flow schemes contribute significantly to minor irrigation in the hilly terrain of the country i.e. Himachal Pradesh, Uttarakhand, Sikkim and other North Eastern States.

Number of Schemes by their status of use

Type of scheme	Number of schemes				Percentage share in Scheme Total		
	In use	Temporary not in use	Permanently not in use	Total	In use	Temporary not in use	Permanently not in use
Dug well	8289423	302601	193575	8785599	94.4	3.4	2.2
Shallow Tubewell	5838631	77753	24317	5940701	98.3	1.3	0.4
Medium Tubewell	3109702	49832	17258	3176792	97.9	1.6	0.5
Deep Tubewell	2529833	60755	28204	2618792	96.6	2.3	1.1
Surface flow	519303	55742	17111	592156	87.7	9.4	2.9
Surface lift	579323	15639	5131	600093	96.5	2.6	0.9
Total	**20866215**	**562322**	**285596**	**21714133**	**96.1**	**2.6**	**1.3**

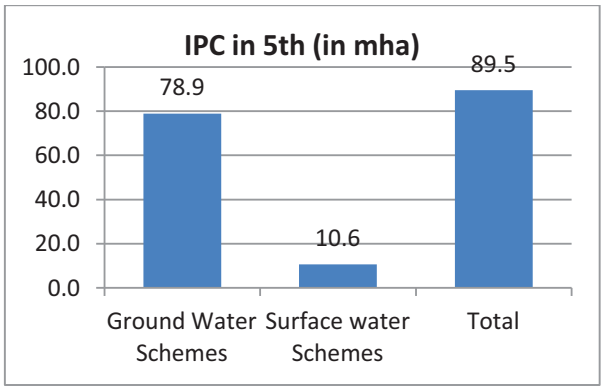


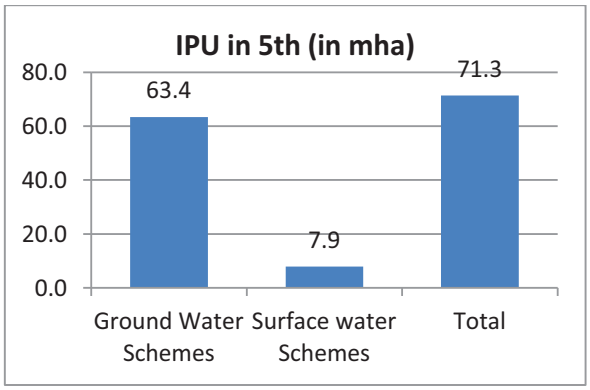


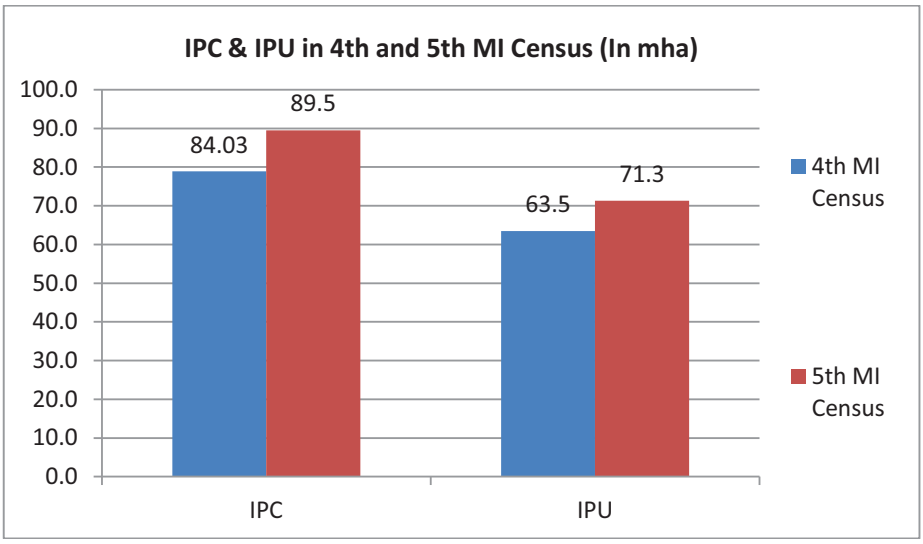
From the above table and chart it is evident that shallow tube wells are most utilized type of scheme by status of use (98.3%) followed by medium tube wells (97.9%). More than 94% schemes are in use in all types of schemes except surface flow schemes. Surface flow schemes are having highest percentage (9.4%) of temporary not in use schemes and of permanently not in use schemes (2.9%).This is followed by dugwells in which the percentage share of permanently not in use schemes is 2.2%.

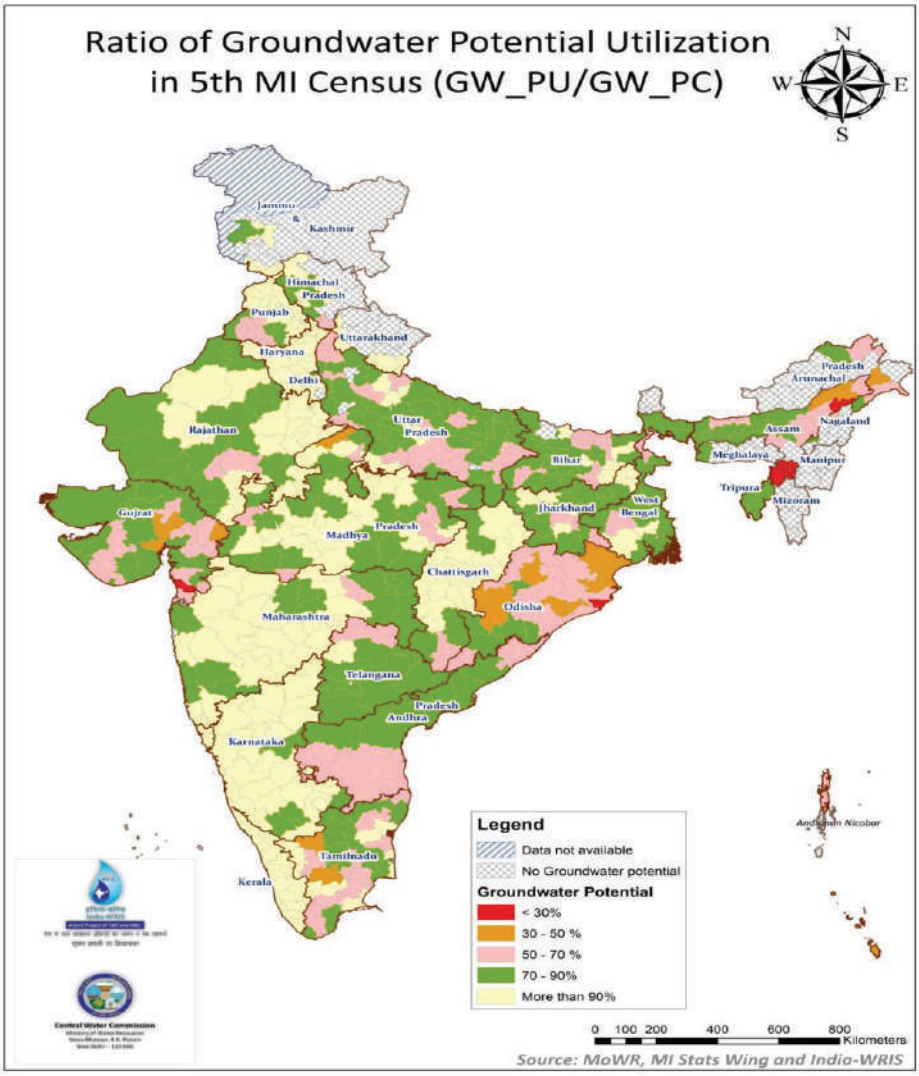
5.3.2 Irrigation Potential created (IPC) and utilized (IPU) by MI Schemes:

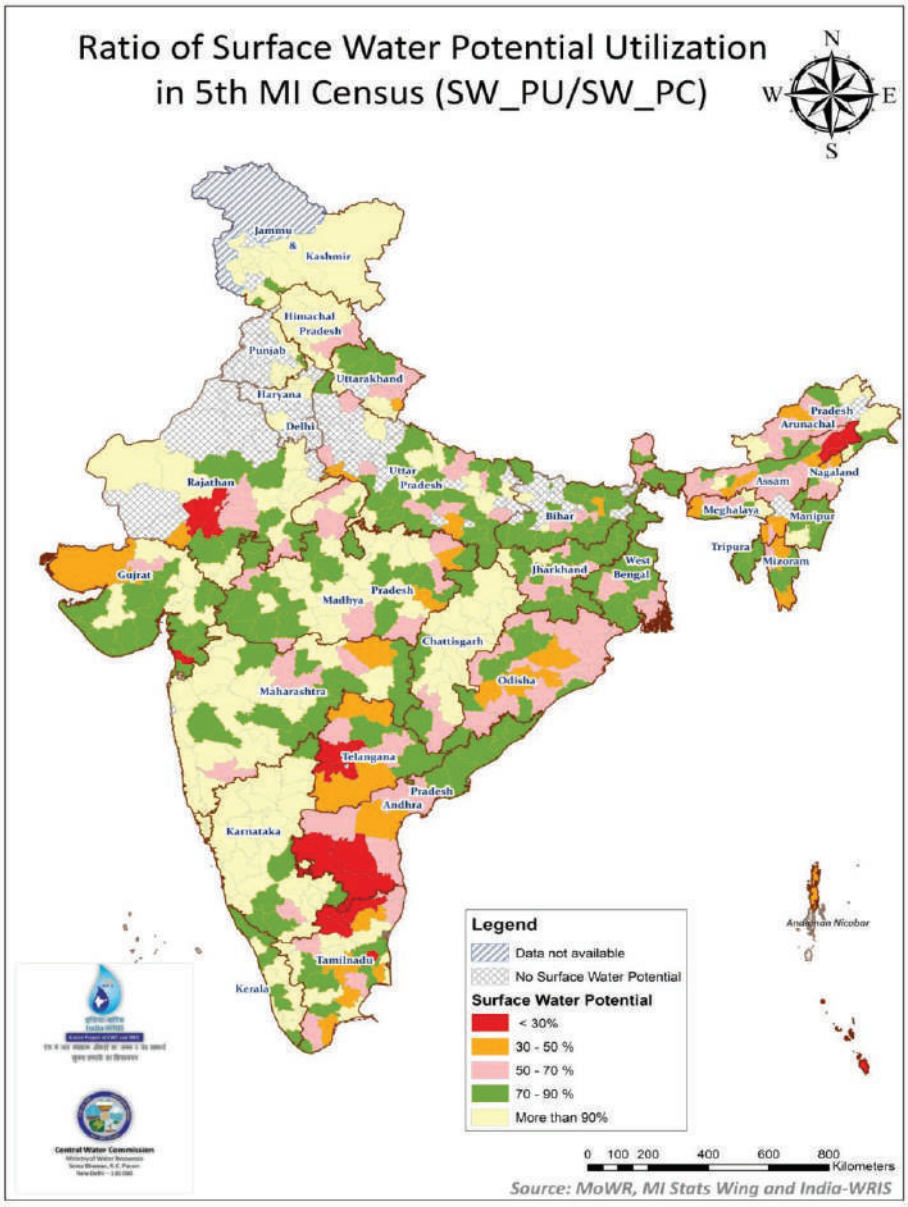
There has been increase of 6.5% in the Irrigation potential created (IPC) from the Minor Irrigation structures in the country in the 5th MI census as compared to 4th MI Census. Irrigation potential created (IPC) has increased from 84.03 million hectares in 4th Census to 89.52 million hectares in 5th Census. Similarly irrigation potential utilized (IPU) has increased from 63.5 million hectares in 4th Census to 71.3 million hectares in 5th Census which shows an increase of around 12.3% during this period. The gap between Irrigation Potential Utilised and Irrigation Potential Created has also reduced by 2.31 mha in the Minor Irrigation sector during the same period. As per 5th MI census, 78.9 mha of irrigation potential is created through Ground water schemes & 10.6 mha through surface water schemes and irrigation potential utilized is 63.4 mha and 7.9 mha for GW and SW schemes respectively. This shows that 80.3% of the potential created in GW has been utilized while percentage utilization in respect of SW is 74.8%.






IPC & IPU in 4th and 5th MI Census (In mha)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
84.03
89.5
63.5
71.3
IPC
IPU
4th MI Census
5th MI Census

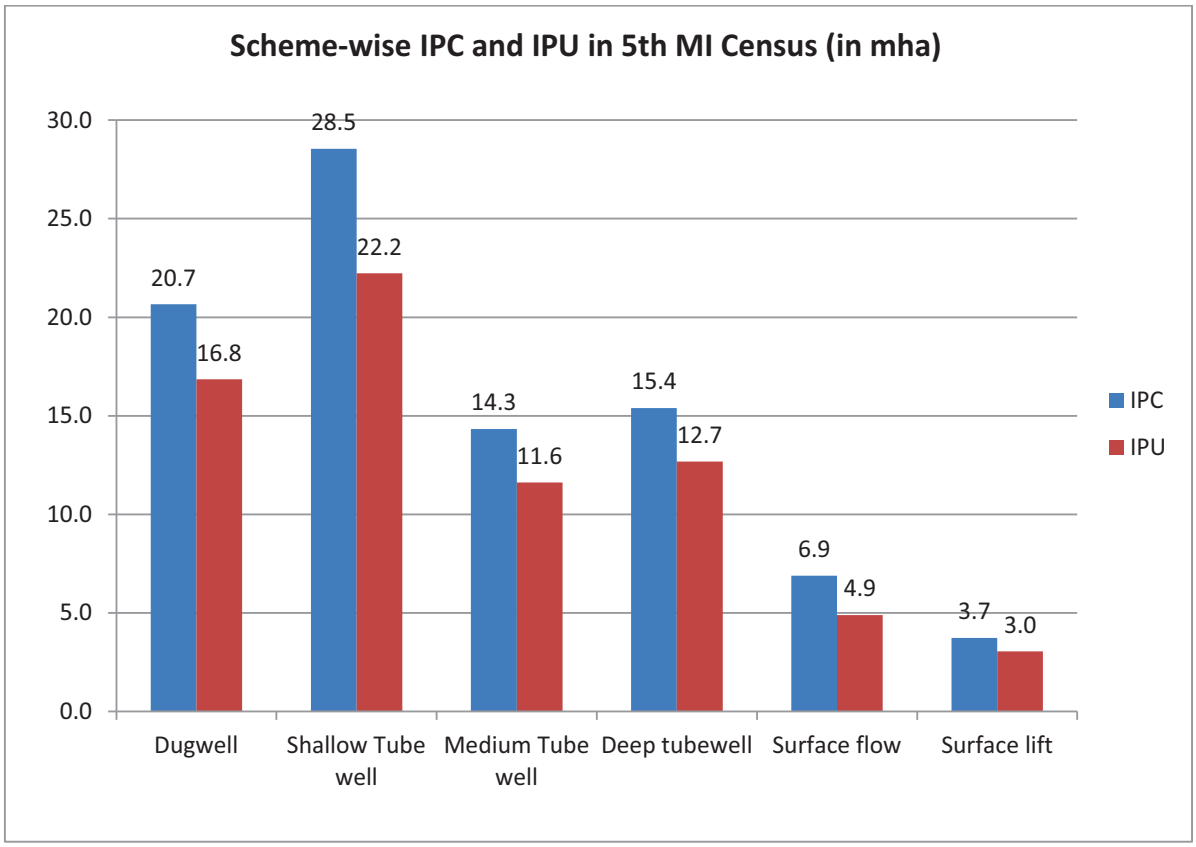

Ratio of Groundwater Potential Utilization in 5th MI Census (GW_PU/GW_PC)
N
W
E
S
Jammu & Kashmir
Himachal Pradesh
Punjab
Uttarakhand
Haryana
Delhi
Rajathan
Uttar Pradesh
Bihar
Sikkim
Arunachal Pradesh
Nagaland
Assam
Meghalaya
Manipur
Tripura
Mizoram
West Bengal
Jharkhand
Gujrat
Madhya Pradesh
Chattisgarh
Odisha
Maharashtra
Telangana
Andhra Pradesh
Karnataka
Tamilnadu
Kerala
Andaman Nicobar
Legend
Data not available
No Groundwater potential
Groundwater Potential
< 30%
30 - 50 %
50 - 70 %
70 - 90%
More than 90%
0 100 200 400 600 800
Kilometers
Source: MoWR, MI Stats Wing and India-WRIS



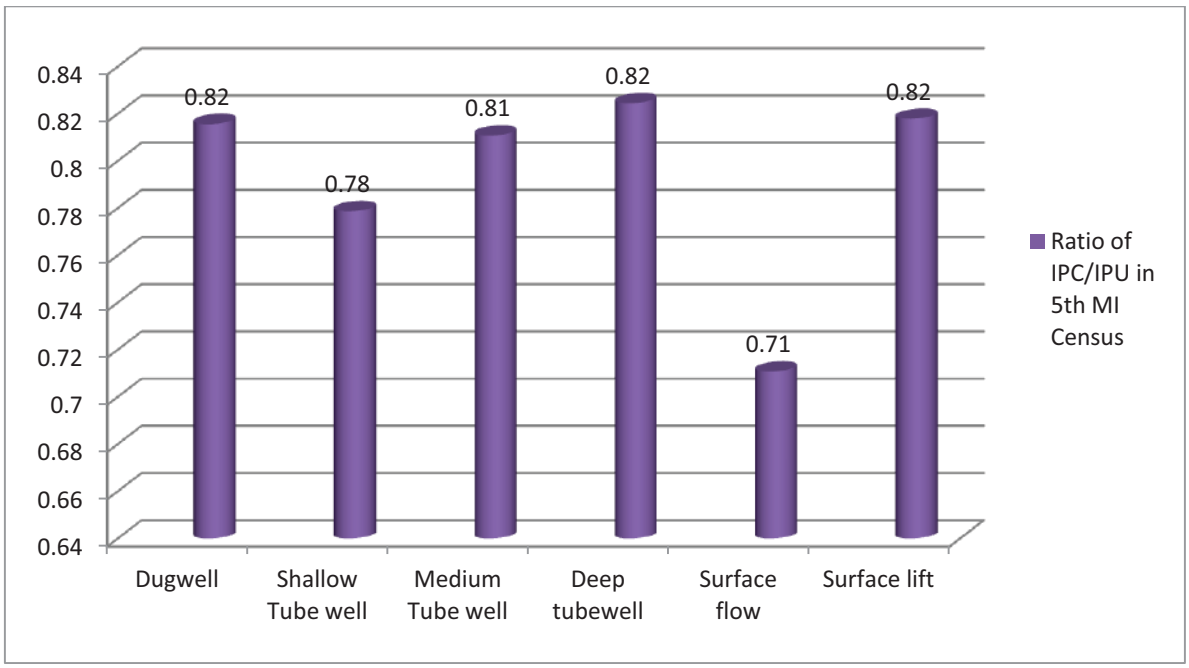
If we analyse further at the scheme level, Shallow tube wells have highest IPC & IPU followed by Dug wells and deep tube wells.

Scheme-wise ratio of IPU to IPC in 5th MI Census

	IPC	IPU	Ratio of IPU/ IPC
Dugwell	20654222	16847074	0.82
Shallow Tube well	28538911	22224992	0.78
Medium Tube well	14333516	11621125	0.81
Deep tubewell	15386405	12685903	0.82
Surface flow	6885713	4894218	0.71
Surface lift	3724655	3046417	0.82



If we see the ratio of IPU to IPC in 5th MI census in different types of schemes, almost all the schemes (except surface flow schemes) show more than 80% utilization of created potential except surface flow schemes with a utilization of 71%.



Scheme-wise CCA, IPC and IPU in 5th Minor Irrigation Census

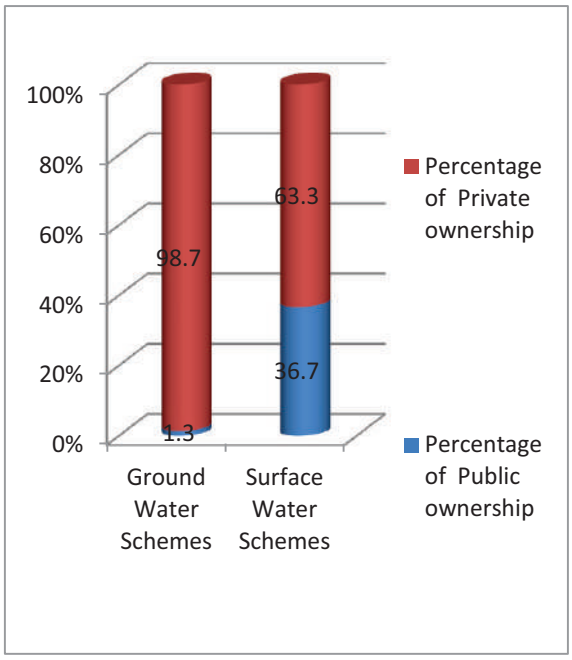
	CCA	IPC	IPU
Dugwell	19719157	20654222	16847074
Shallow Tubewell	24716142	28538911	22224992
Medium Tubewell	11232164	14333516	11621125
Deep Tubewell	11148508	15386405	12685903
Ground Water Schemes	66815971	78913054	63379094
Surface flow	6375312	6885713	4894218
Surface lift	3470309	3724655	3046417
Surface Water Schemes	9845621	10610368	7940635
Grand Total	76661592	89523422	71319729

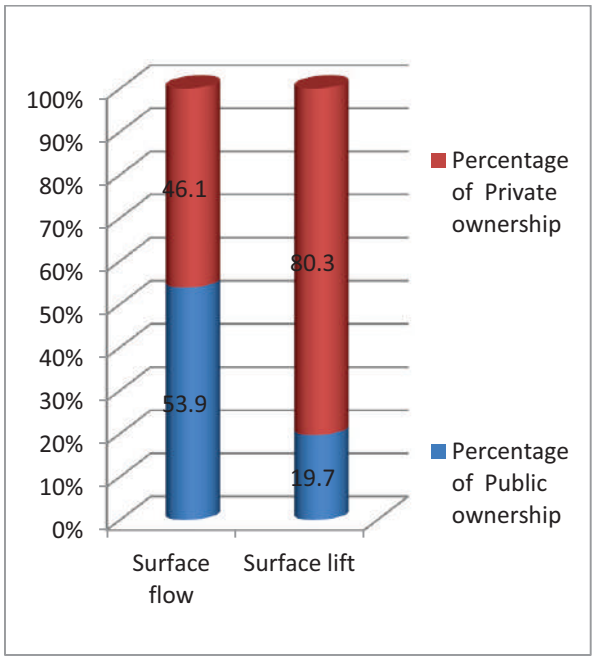
5.3.3 Ownership of MI Schemes:

Data of ownership of MI schemes reflects that almost 97% of the MI structures are being owned by private entities and only about 3% is in the domain of public ownership. This pattern is more dominant in Ground water schemes where almost all type of schemes has around 99% private ownership. In surface water schemes, around 37% schemes are in public ownership and 63% are in private ownership. Even in surface water schemes, surface flow schemes have remarkably high public ownership of 53.9% whereas in surface lift schemes private ownership is at higher level of 80.3%. This clearly reveals that most MI structures in India are owned by individual farmers or group of farmers and hence it has maximum outreach for irrigation purposes which establishes the need of strengthening the network of MI structures in the country for irrigation purposes.

Number and percentage of MI schemes by ownership

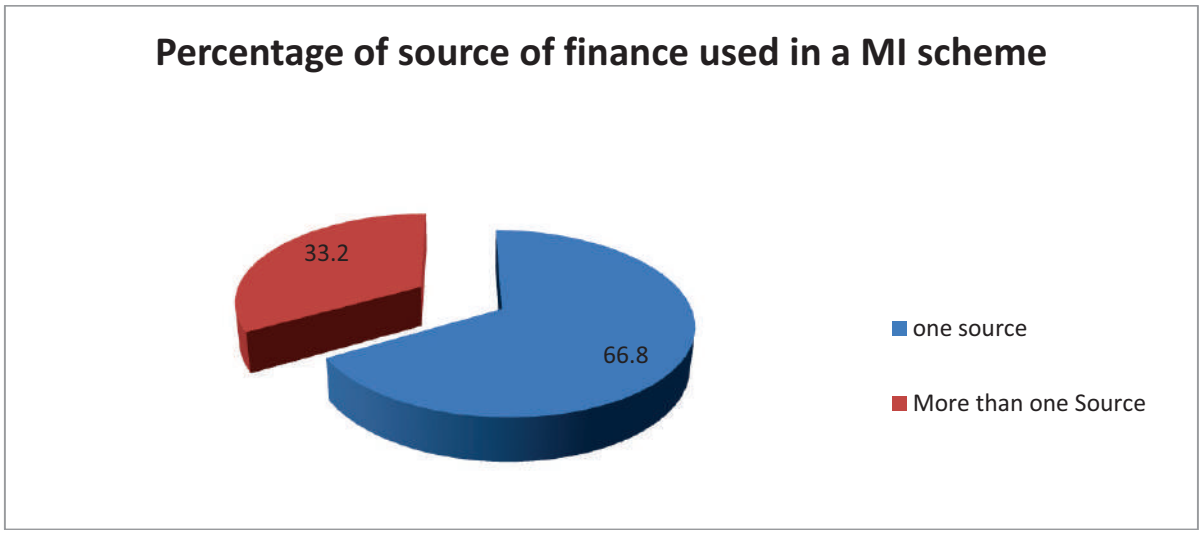
	Number of schemes by ownership			Percentage of schemes by ownership	
	Public	Private	Total	Public	Private
Dugwell	149945	8635654	8785599	1.7	98.3
Shallow Tube well	58667	5882034	5940701	1.0	99.0
Medium Tube well	21579	3155213	3176792	0.7	99.3
Deep tubewell	38794	2579998	2618792	1.5	98.5
Ground Water	**268985**	**20252899**	**20521884**	**1.3**	**98.7**
Surface flow	319406	272750	592156	53.9	46.1
Surface lift	118077	482016	600093	19.7	80.3
Surface Water	**437483**	**754766**	**1192249**	**36.7**	**63.3**
Grand Total	**706468**	**21007665**	**21714133**	**3.3**	**96.7**





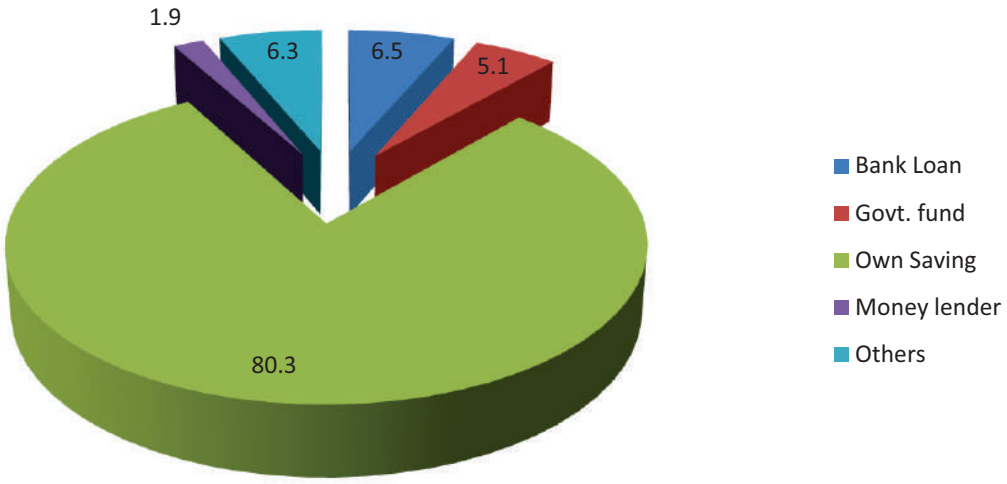
5.3.4 Financing of MI Schemes:

As around 97% schemes are in the private ownership, the financing pattern of these schemes evokes keen interest. Source of finance has been collected for the MI schemes owned by individual farmer. Around 67% schemes have single source of finance whereas 33% schemes have more than one source of finance.

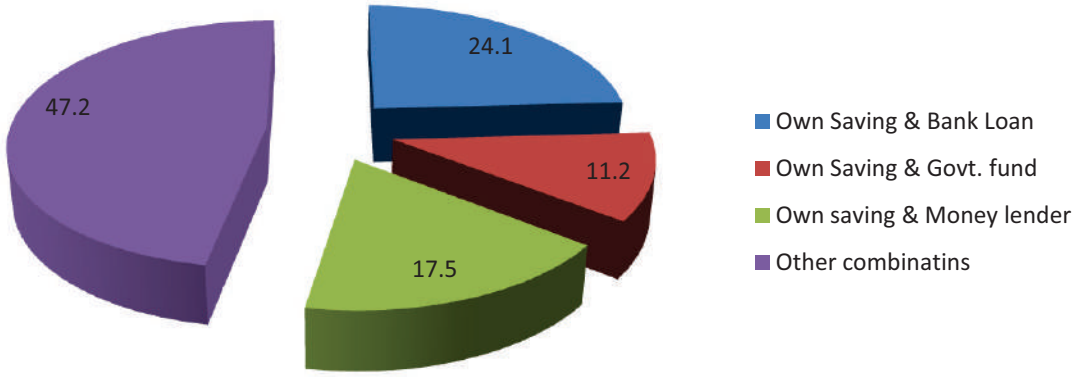


In single source of finance also, majority of schemes (80.3%) are being financed by own savings of individual farmer followed by bank loan (6.5%), others (6.3%), government fund (5.1%) and money lender (1.9%). The fact that institutional sources contribute only 11.6% of the finances raised for installation of MI schemes indicates need for higher intervention by the organized financial sector in extending loans for installation of MI schemes.

Percentage distribution of MI schemes having single source of finance

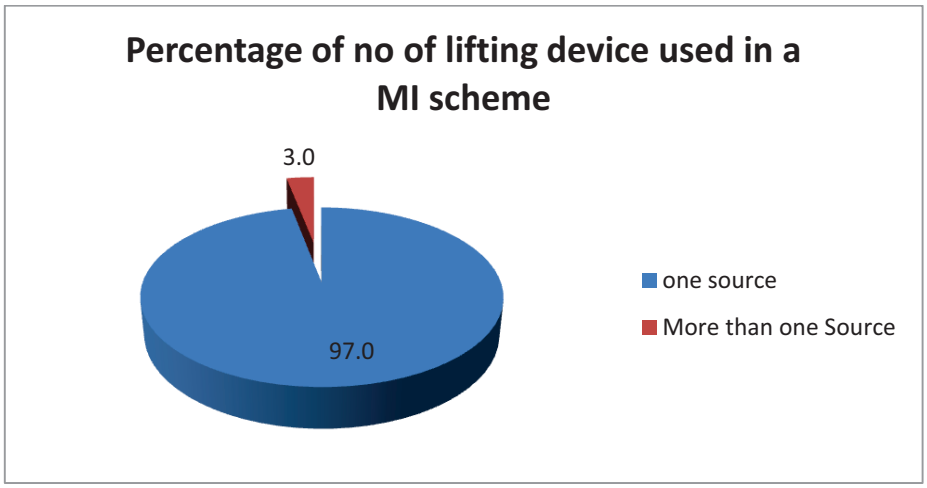


Percentage distribution of MI schemes having more than one source of finance

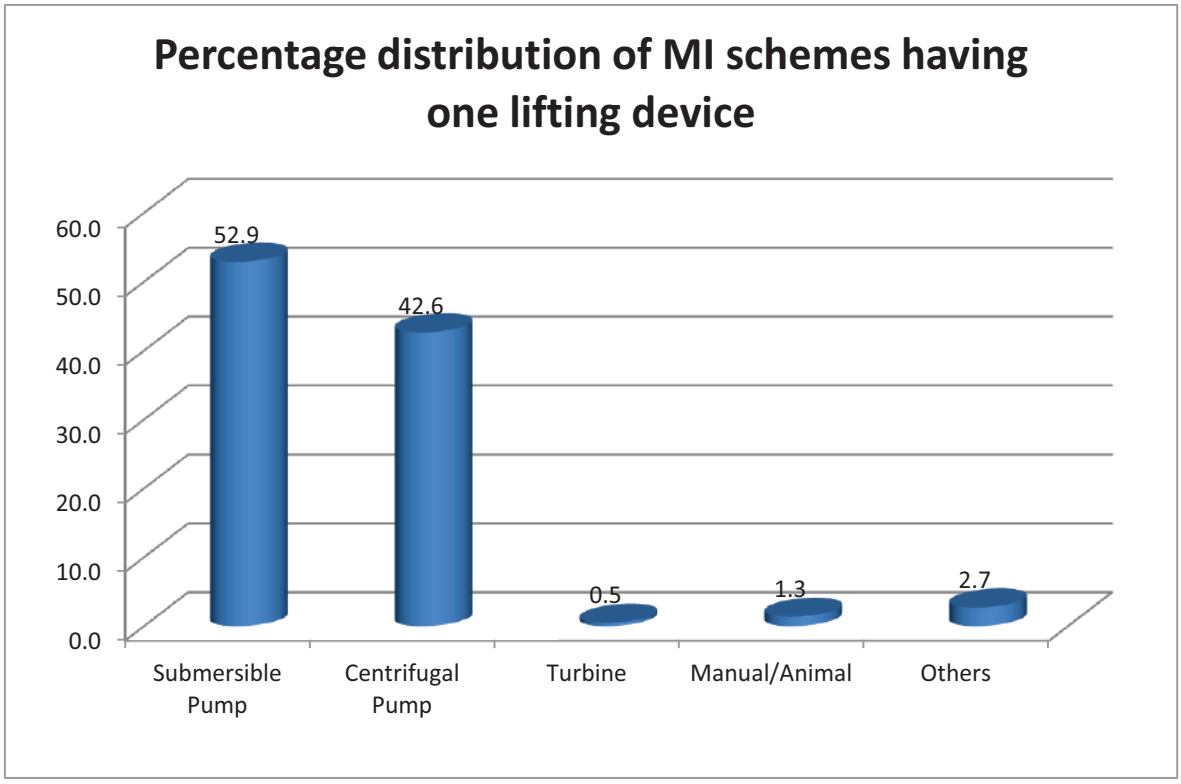


5.3.5 Distribution of lifting devices in MI Schemes:

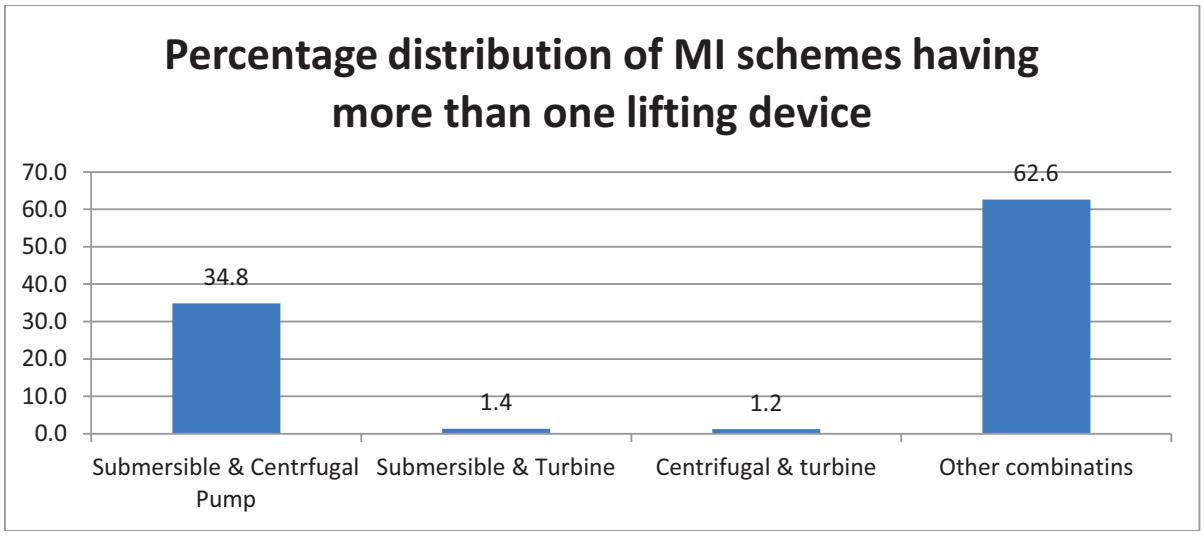
Out of MI schemes having lifting device, 20.13 million schemes (97%) have single lifting device installed in it for water lifting purpose. Only 3% schemes have more than one lifting device installed in them for water lifting purpose.



In schemes having single lifting device, majority of schemes (52.9%) have submersible pump as lifting device and 42.6% schemes have centrifugal pump as lifting device. Only 1.3% schemes are being operated manually or by animal for water lifting purposes.

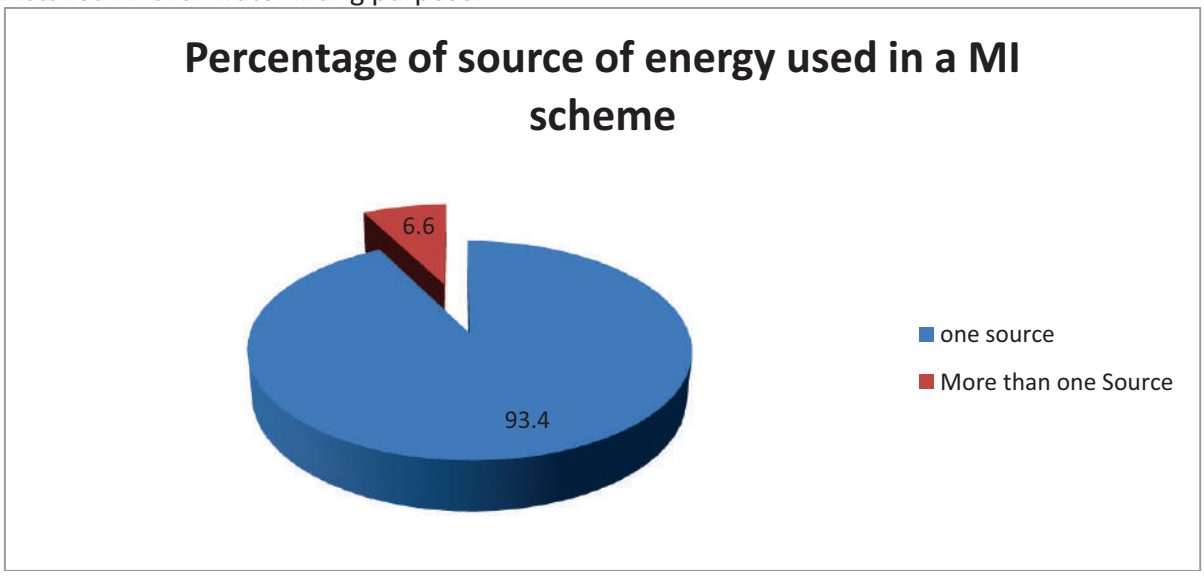


In schemes having more than one lifting device, combination of submersible and centrifugal pump is highest after others.

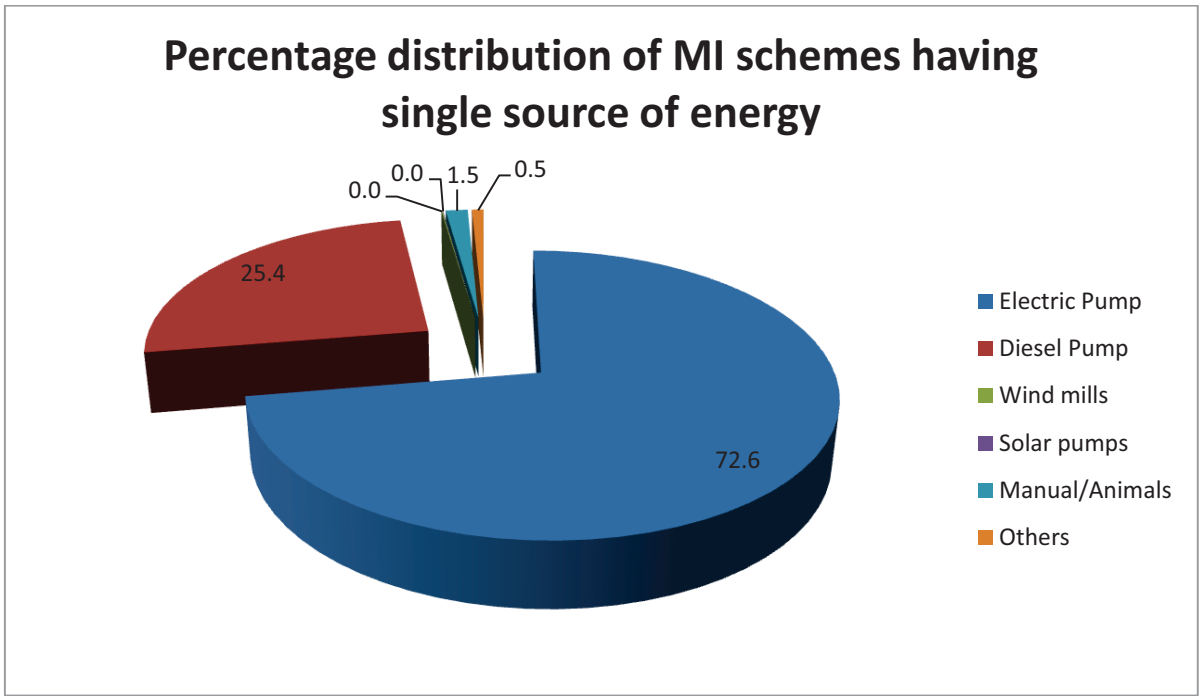


5.3.6 Distribution of source of energy:

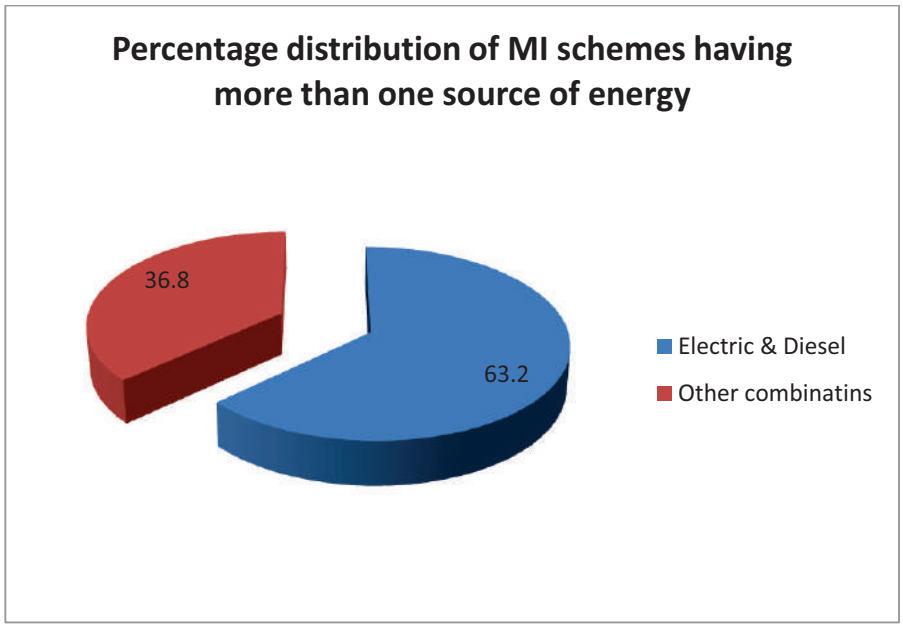
93.4% MI schemes in the country use single source of energy in the lifting device installed in it. Only 6.6% schemes use more than one source of energy in the lifting device(s) installed in it for water lifting purpose.



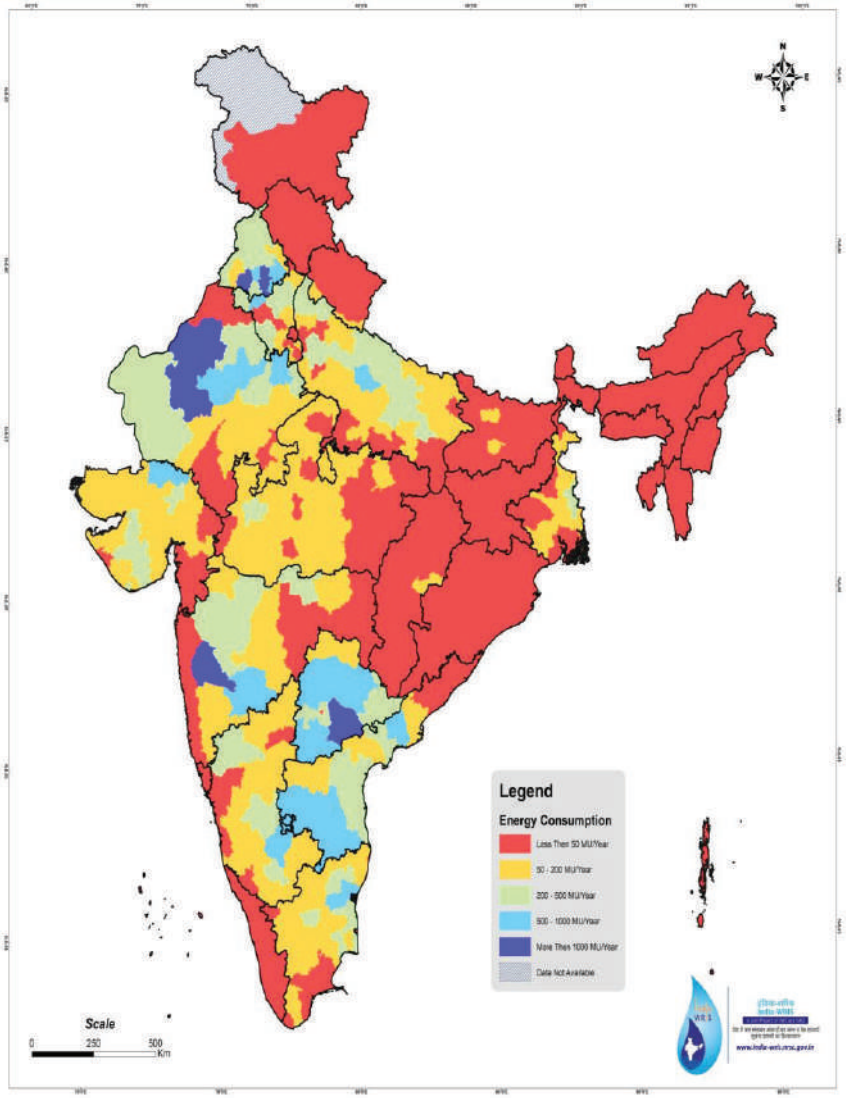
In schemes having single source of energy, majority of schemes (72.6%) utilize electricity as source of energy followed by diesel (25.4%). Rest of the schemes (2%) use windmill, solar pumps, manual/ animal and others as source of energy. This clearly reveals that 98% scheme having single source of energy are operated by either electricity or diesel.



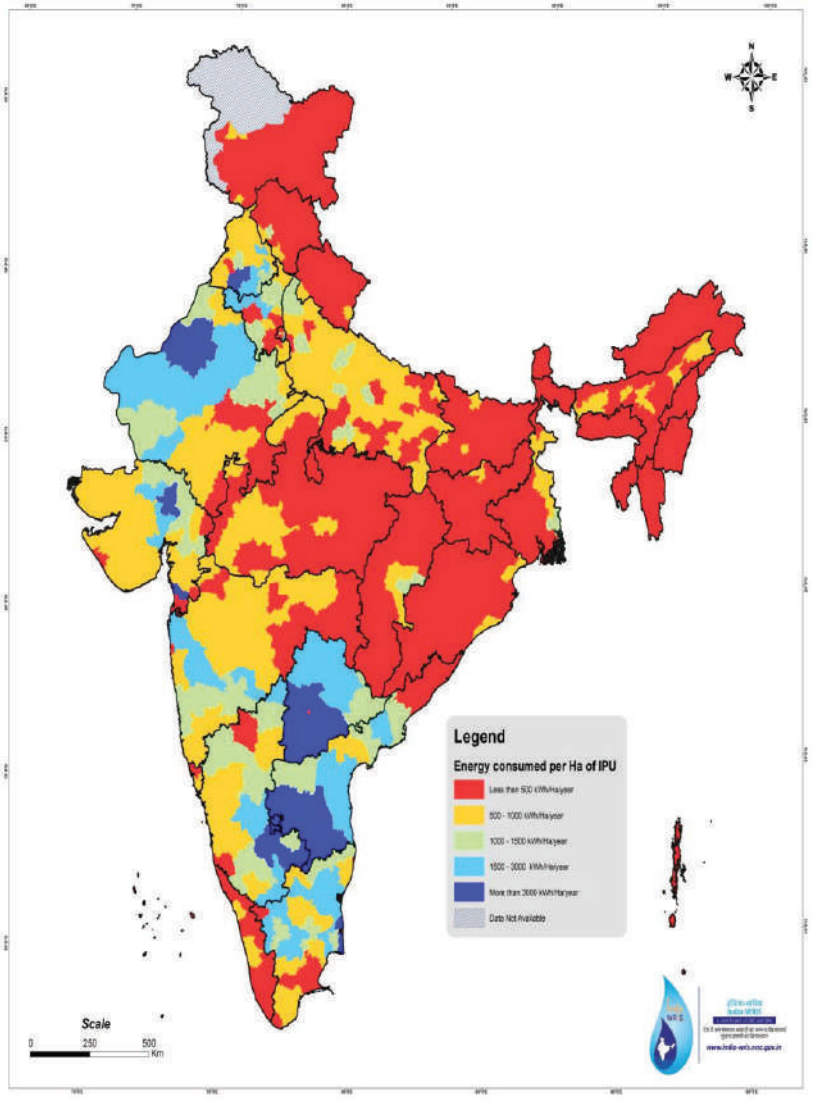
Even in schemes having more than one source of energy, around (63.2%) utilize combination of electricity and diesel as source of energy. All other combinations for more than one source of energy constitute 36.8%.



ENERGY CONSUMPTION IN 5th MI CENSUS
(Million Units per Year)

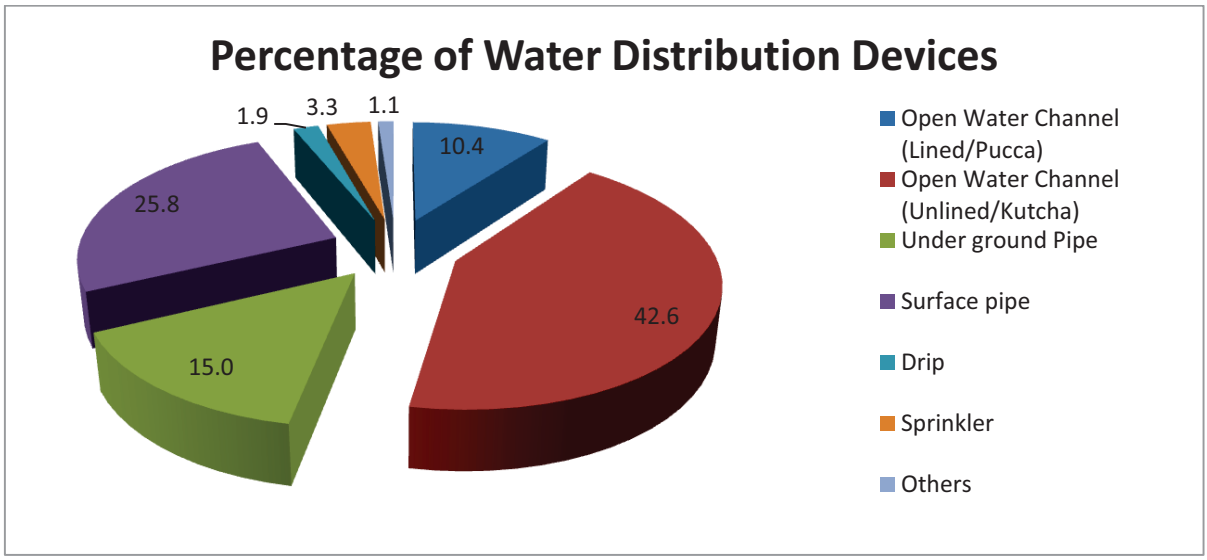


ENERGY CONSUMPTION PER Ha OF IPU IN 5th MI CENSUS
(kWh/Ha/year)



5.3.7 Water distribution devices:

There has been improvement in water use efficiency and decline in wastage of water through use of improved water distribution devices over the years. As reflected in 5th MI census, the percentage share of MI Schemes which distribute water through open unlined/ kutcha and open lined/ pucca water channels respectively are about 42.6% and 10.4% . The percentage share of schemes which distribute water through surface pipe and underground pipe are about 25.8% and 15% respectively which lead to less water wastage of water through leakage and evaporation. About 1.9% schemes used drip irrigation and about 3.3% used sprinkler system for water distribution. During the 4th MI census about 65% schemes used open channel which now has reduced to about 53% in 5th census. The share of efficient water distribution systems like surface pipe, underground pipe, drip and sprinklers has increased in fifth census when compared to the fourth Census. Share of surface pipe has recorded the highest increase from 14.75% in 4th to 25.8% in 5th census followed by underground pipe (11.72% to 15%), drip (0.76% to 1.9%) and sprinkler (1.88% to 3.3%).

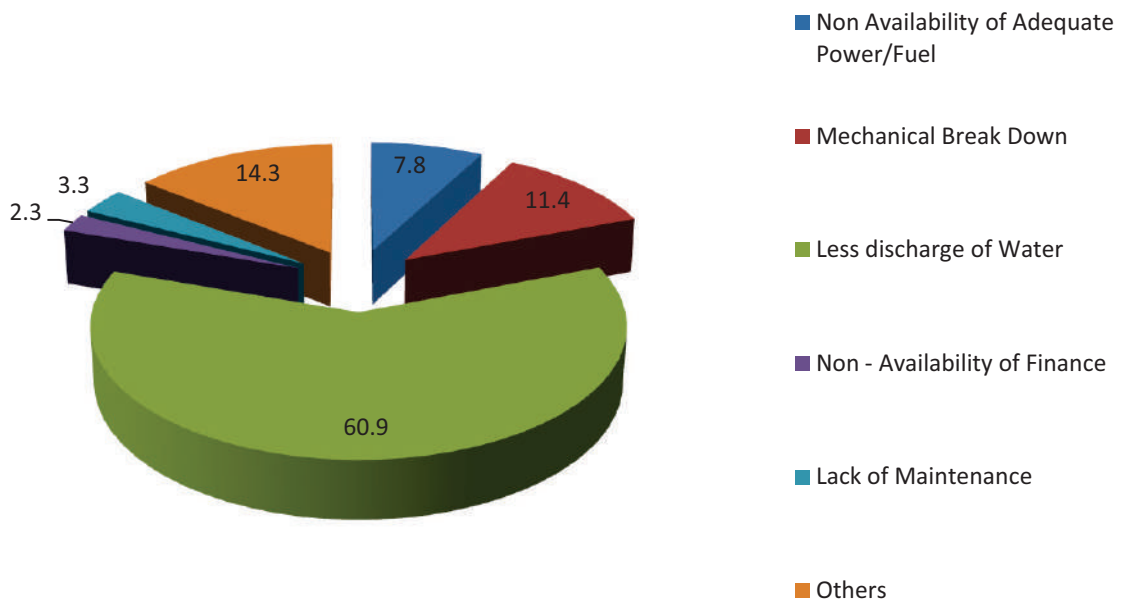


5.3.8 Reasons of MI schemes getting converted to temporary not in use or permanently not in use:

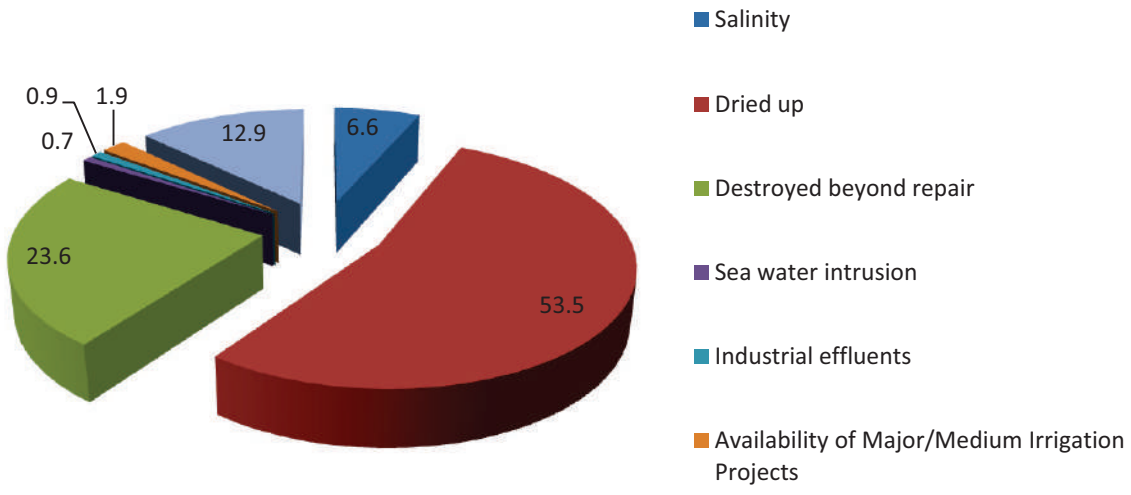
In temporary not in use GW schemes, about 60.9% schemes are due to the reason 'less discharge of water' followed by 11.4% due to 'mechanical breakdown' and 7.8% due to 'non-availability of adequate fuel/power'. Reasons like 'non-availability of funds' and 'lack of maintenance' contribute only 2.3% and 3.3% respectively.

Similarly, in permanently not in use GW schemes, about 53.5% schemes are due to reason 'dried up' followed by 23.6% schemes due to 'destroyed beyond repair' and 6.6% schemes due to the reason 'salinity'. Reasons like 'industrial effluents' and 'sea water intrusion' contribute only 0.9% and 0.7% respectively.

Percentage share of reasons for temporary not in use Ground Water Schemes

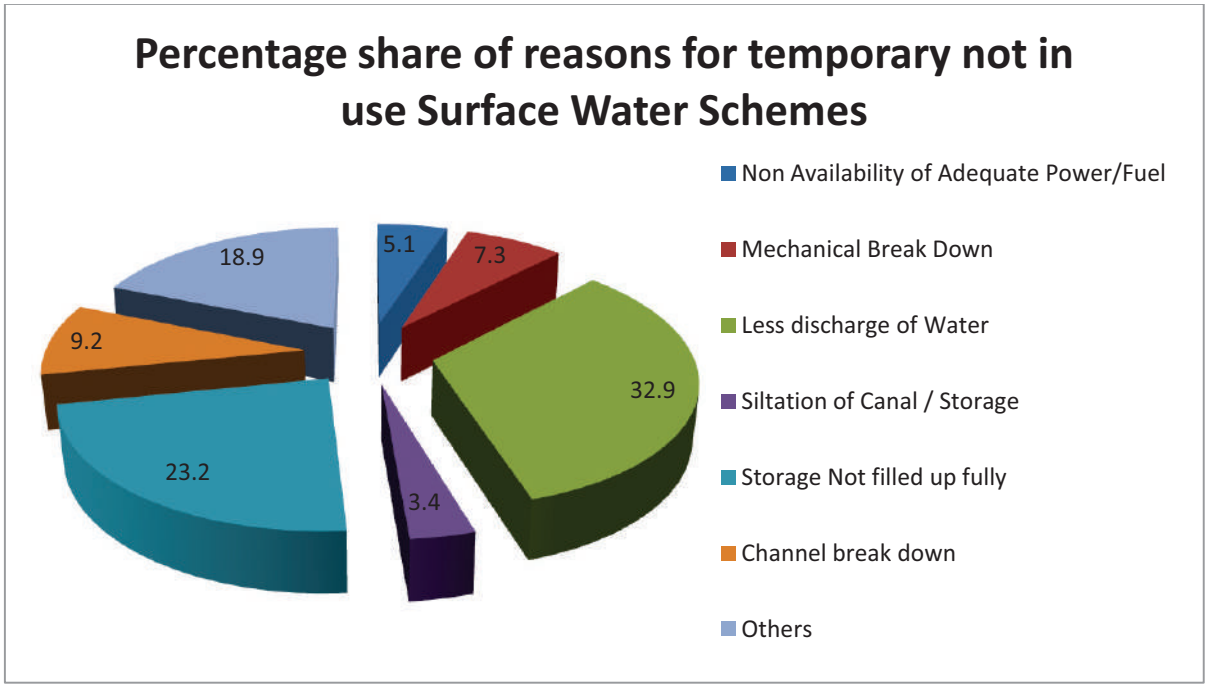


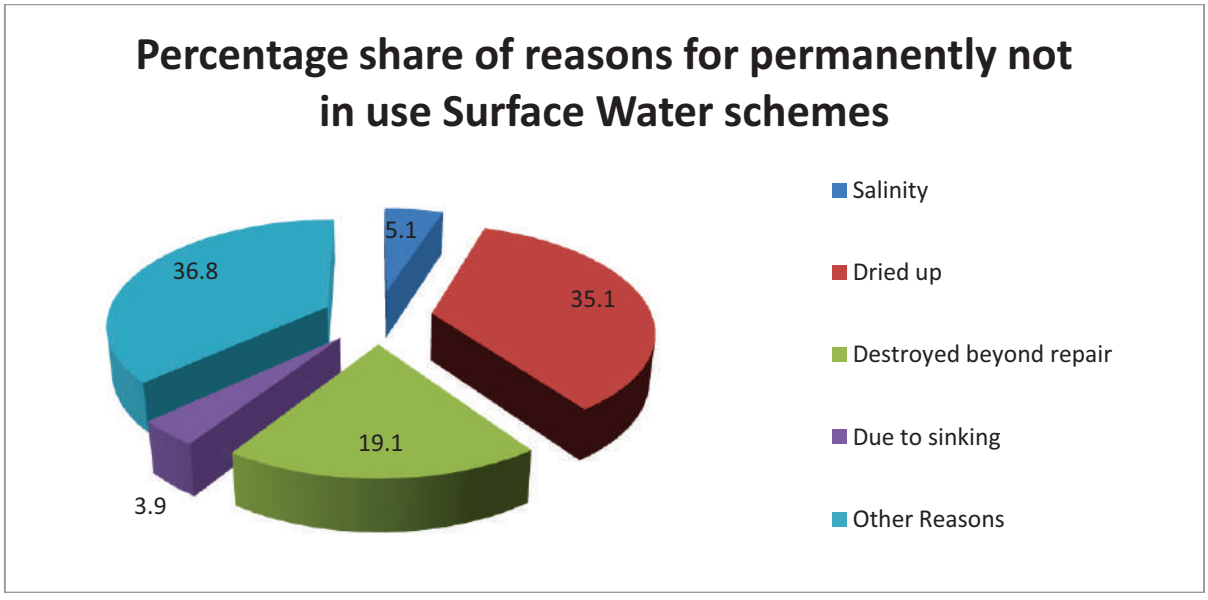
Percentage share of reasons for permanently not in use Ground Water schemes



In temporary not in use SW schemes, about 32.9% schemes are due to the reason 'less discharge of water' followed by 23.2% due to 'storage not filled up fully' and 9.2% due to 'channel break down'.

Similarly, in permanently not in use SW schemes, about 35.1% schemes are due to reason 'dried up' followed by 19.1% schemes due to 'destroyed beyond repair' and 5.1% schemes due to the reason 'salinity'.

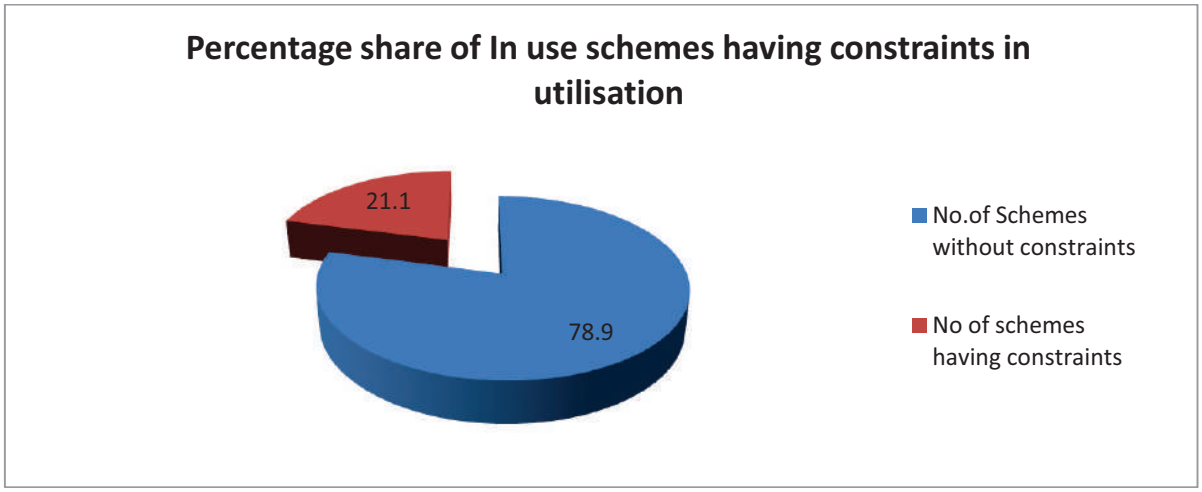




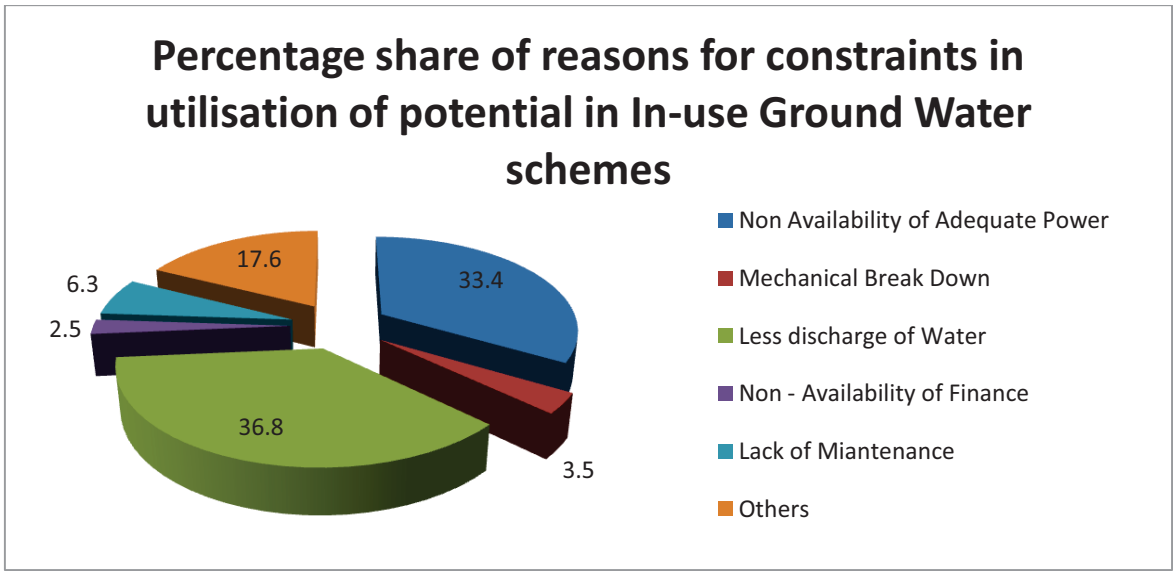
From the above, it is evident that availability of water is major reason for conversion of MI schemes which are in use to either temporarily or permanently not in use category.

5.3.9 Under-utilisation of In-use schemes:

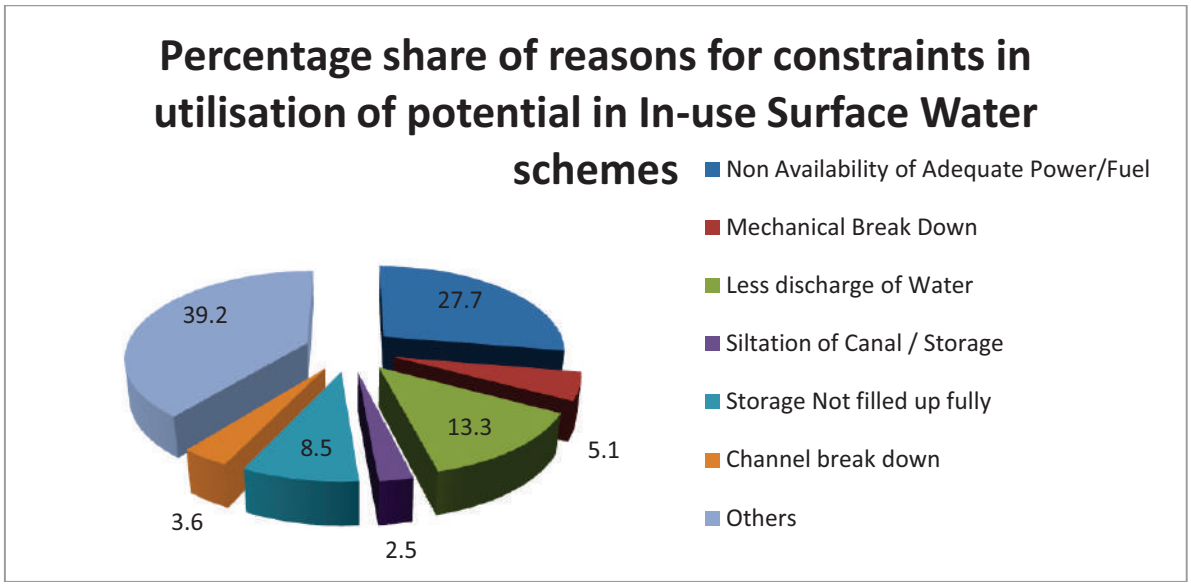
For the MI schemes which are 'in use', under-utilisation has been observed as the gap between irrigation potential created and irrigation potential utilized which is recorded in the census. Out of total 20.86 million 'in use' MI schemes in 5th MI census, about 4.4 million (21.1%) schemes were having constraints in utilisation due to reasons like non-availability of adequate power supply, less discharge of water, mechanical breakdown, etc. Remaining 78.9% 'in use' MI schemes have been found functioning without any constraints. Situation has improved a lot from 4th Census as about 40% schemes in 4th census were facing constraints in utilisation and were under-utilized.



If we see the under-utilisation by type of constraint in 'in-use' GW schemes, 'less discharge of water' is having highest percentage (36.8%) followed by non-availability of adequate power (33.4%). Reasons like 'lack of maintenance', 'mechanical breakdown' and 'non-availability of finance' have very less shares of 6.3%, 3.5% and 2.5% respectively.



If we see the under-utilisation by type of constraint in 'in-use' SW schemes, apart from 'others', 'non-availability of adequate power' is having highest percentage (27.7%) followed by 'less discharge of water' (13.3%) and 'storage not filled up fully' (8.5%).

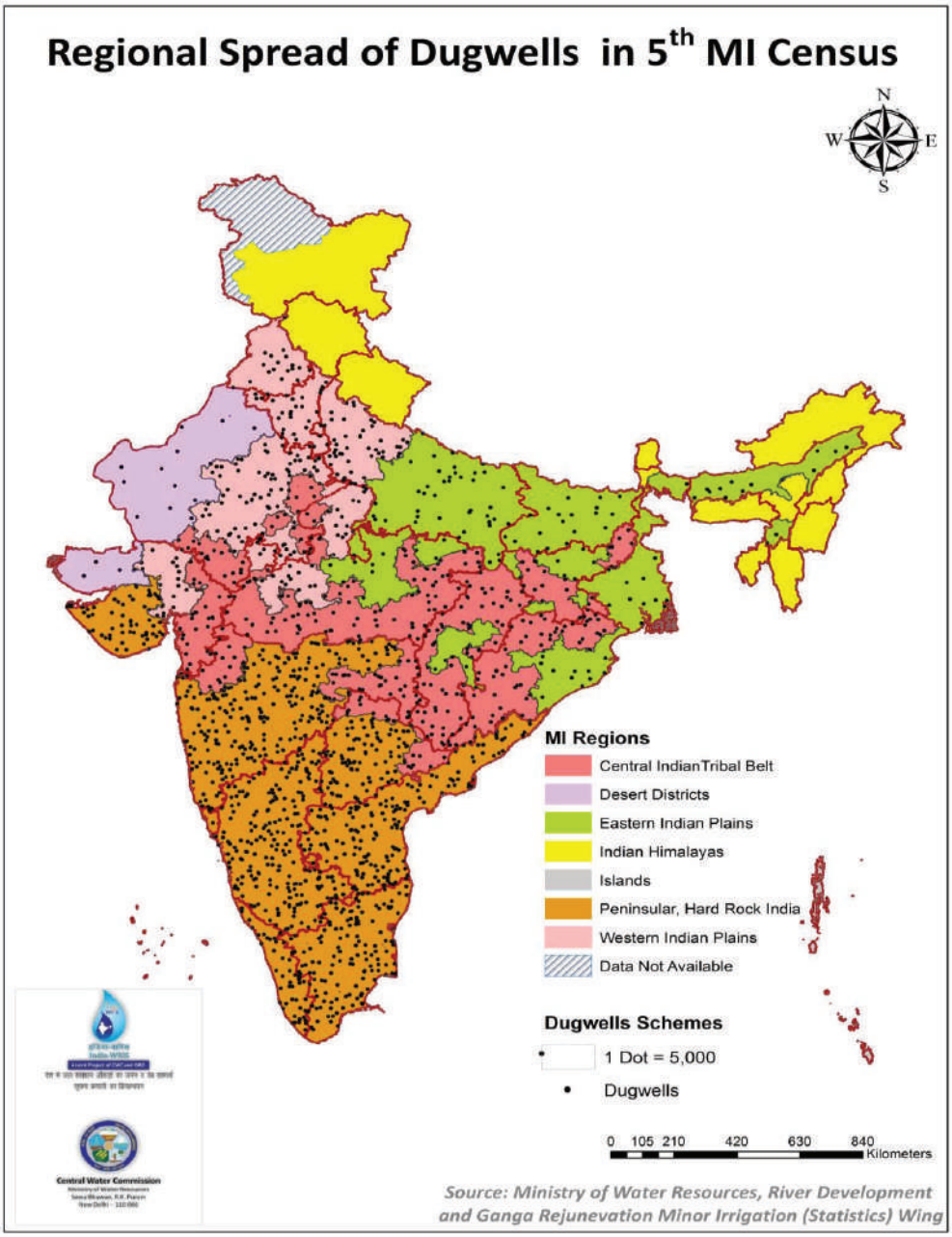


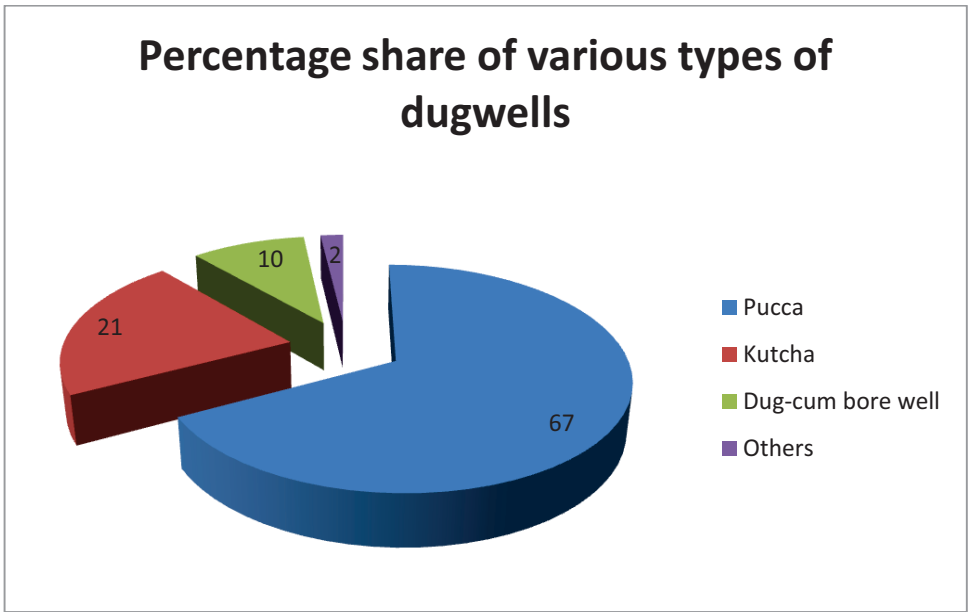
So, by improving the availability of adequate water and power, under-utilisation of these 'in use' schemes may be tackled and the gap of IPC and IPU may also be reduced to a large extent.

5.4 SCHEME WISE ANALYSIS:

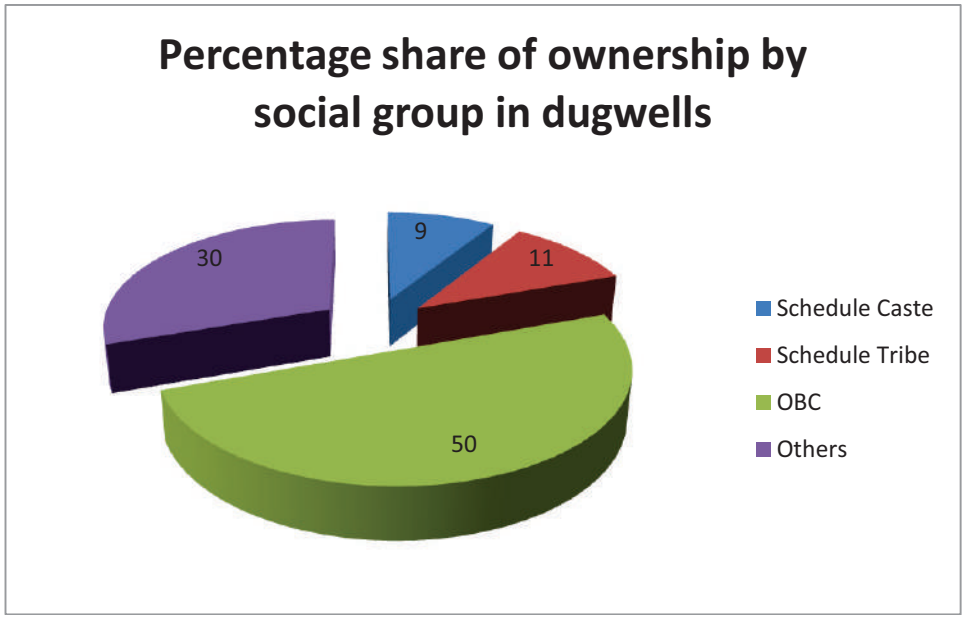
5.4.1 Dugwells:

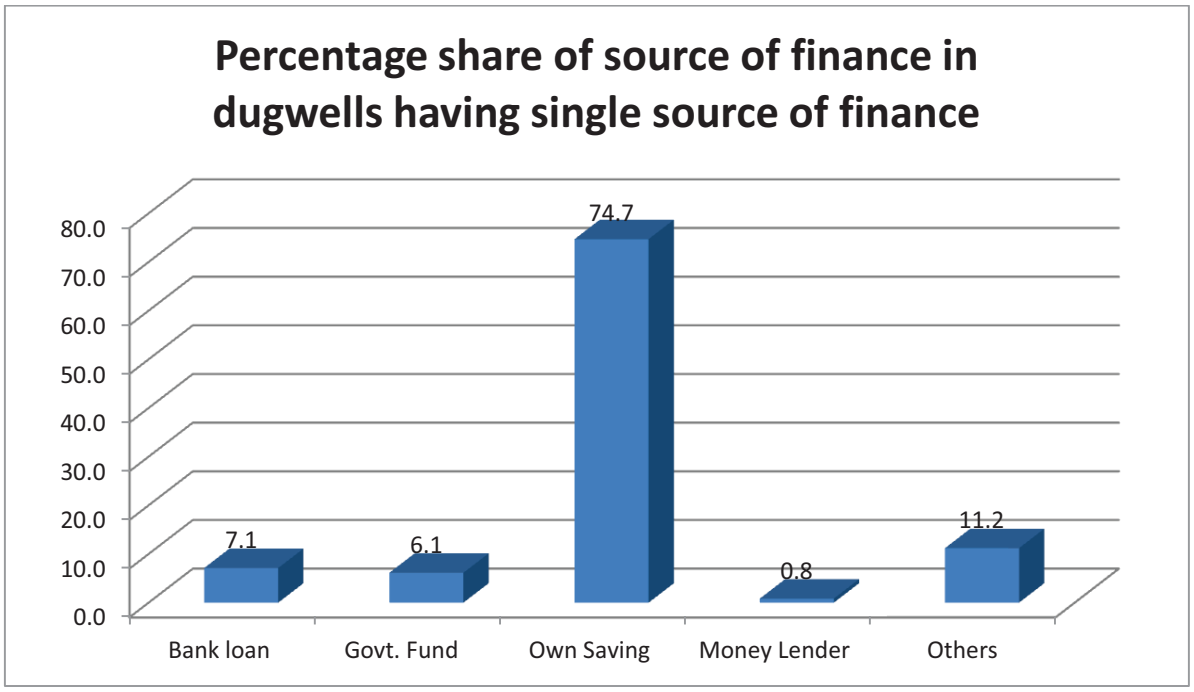
There are total of 8.78 million dugwells in 661 districts of the country irrigating 16.8 million ha of land. Dugwells grew from 7.3 million in 1987 to 9.6 million in 2000-01. In 2006-07, however, the number of dugwells marginally declined to 9.2 million. In 2013-14, number of dugwells further declined to 8.7 million. In dugwells, pucca dugwells have a majority share of 67%, kutcha dugwells (21%), dug-cum borewells (10%) and others (2%). Dug-cum borewell has recorded an increase from 4% in 4th Census to 10% in 5th census.





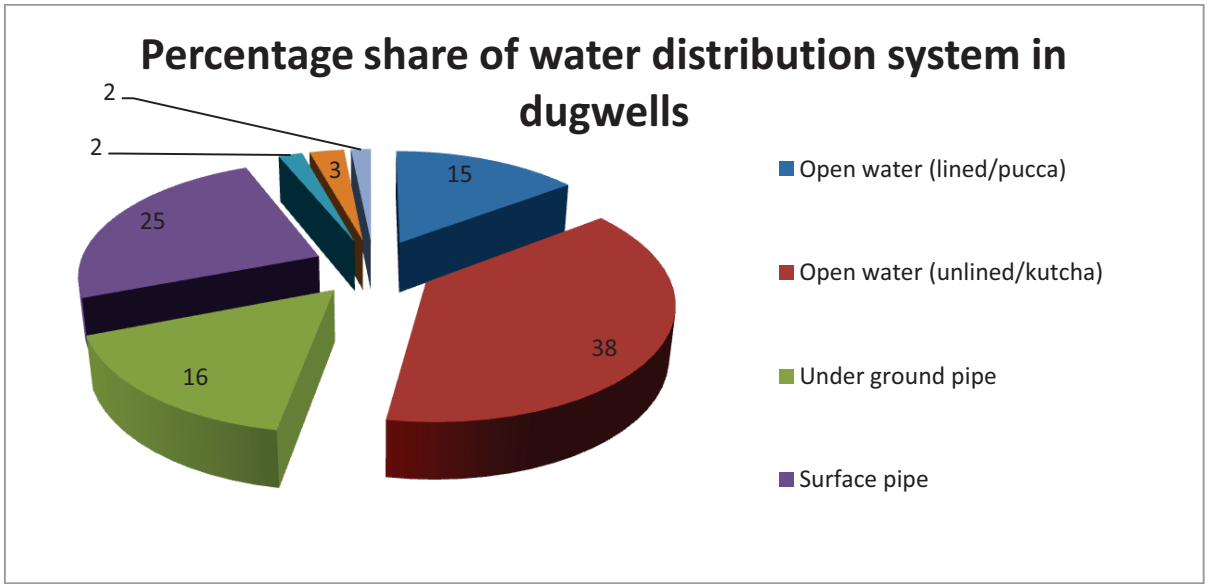
Dugwells are dominantly owned by private entities (98.3%). Out of these, about 78% dugwells are being owned by individual farmers and 22% are being owned by group of farmers. Ownership by group of farmers is concentrated in Rajasthan, Tamilnadu, Maharashtra and Madhya Pradesh. Marginal and small farmers have the largest share in ownership of dugwells (68%). As per the social status of the farmer's owning the dugwells, about 50% schemes belong to Other Backward Castes (OBCs) followed by others (30%), Scheduled Tribe (11%) and Scheduled Caste (9%). In individually owned dugwells, about 72% are financed by single source of finance and 28% are having more than one source of finance. In single source of finance, majority of schemes (75%) were financed by own saving only.



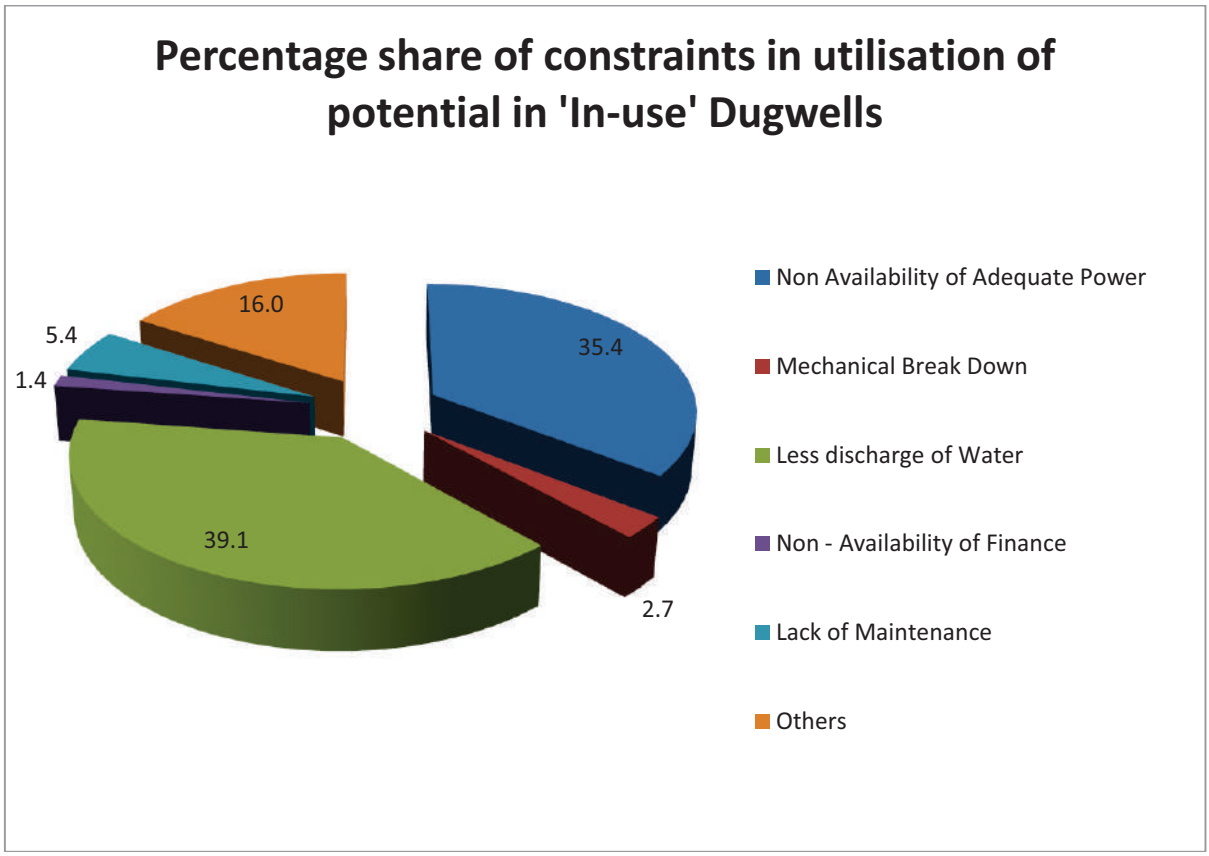


Around 98% dugwells have single lifting device in which about 50% are submersible pumps followed by centrifugal pump (42%) and manual/animal (3%). Around 95% dugwells are having single source of energy in which electricity is dominating (86%) followed by diesel (10%), manual/animal (3%). Around 73% dugwells have depth in the range 0-20 meters followed by 17% in 20-40 meters, 4% in 40-60 meters, 1% in 60-70 meters and 5% in more than 70 meters.

According to water distribution system, open water channel (unlined/kutcha) is dominant (38%) followed by surface pipe (25%) in dugwells.

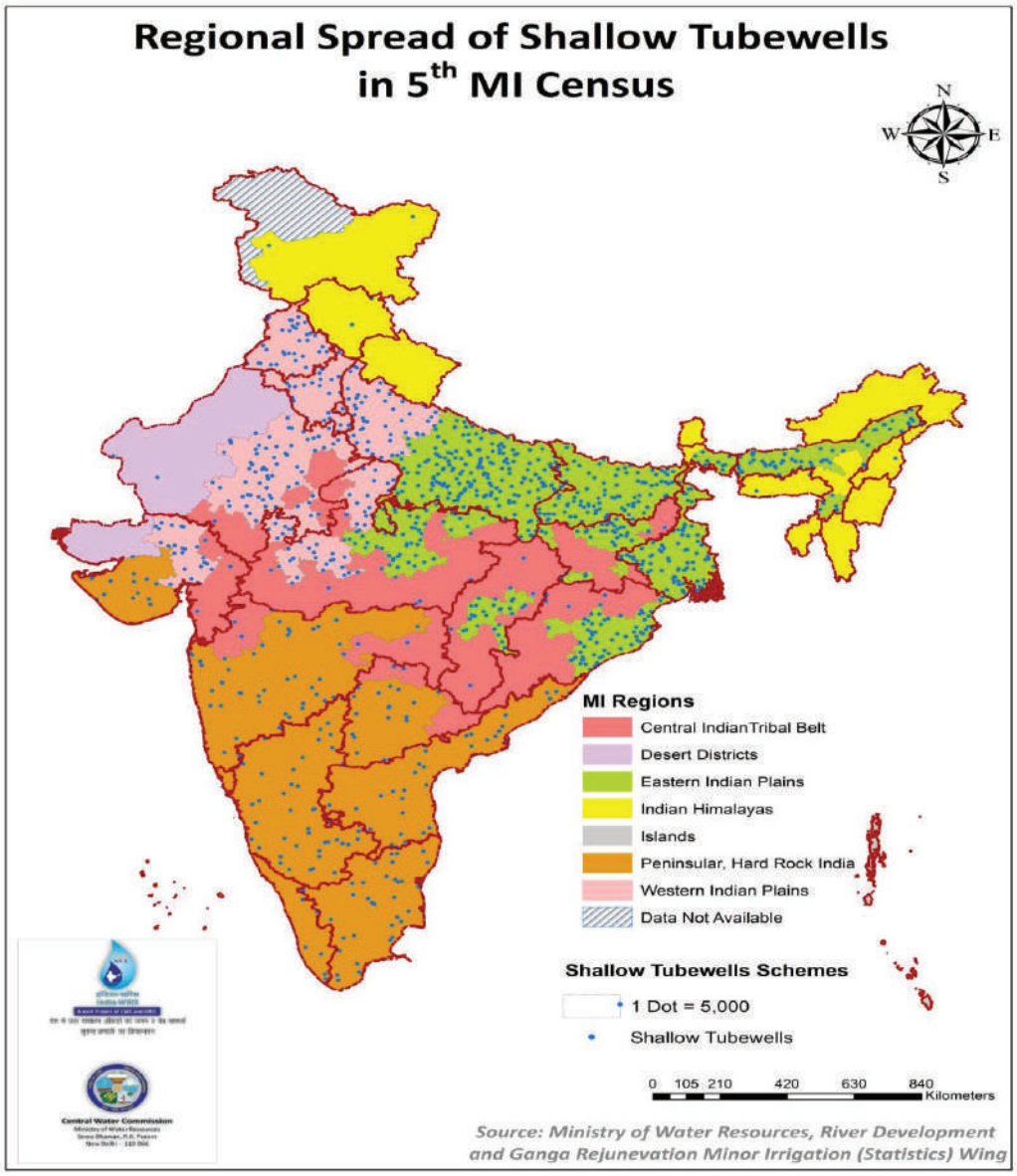


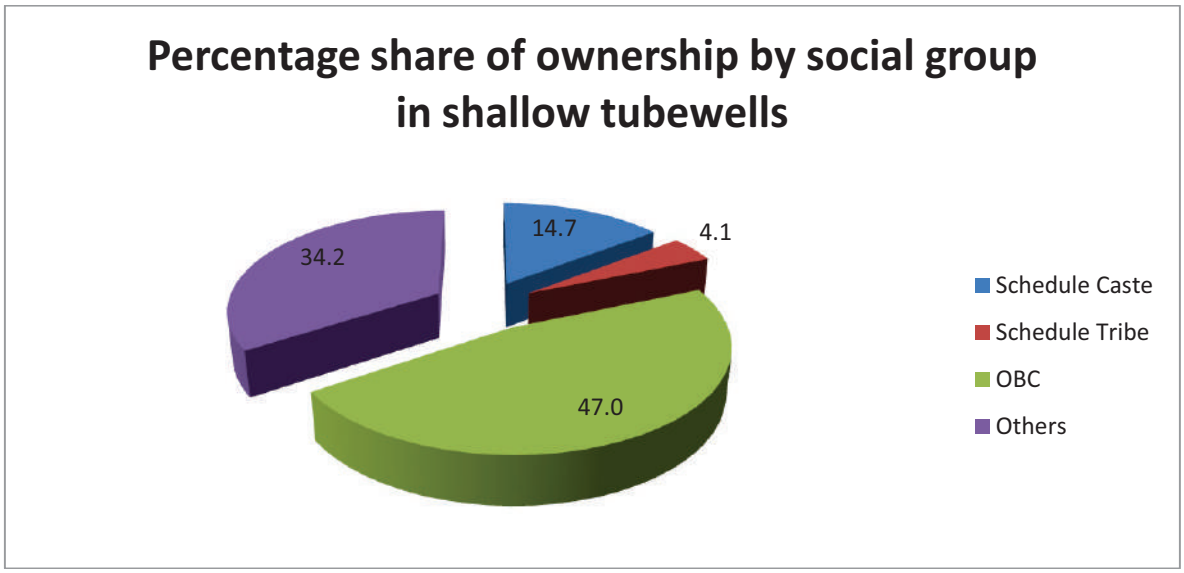
In the Dugwells, which are 'in use', around 71% dugwells are functioning without any constraint in utilisation of potential. Out of remaining 29% dugwells having constraint in utilisation, reason of 'less discharge of water' is largest (39.1%) followed by 'non-availability of adequate power' (35.4%).

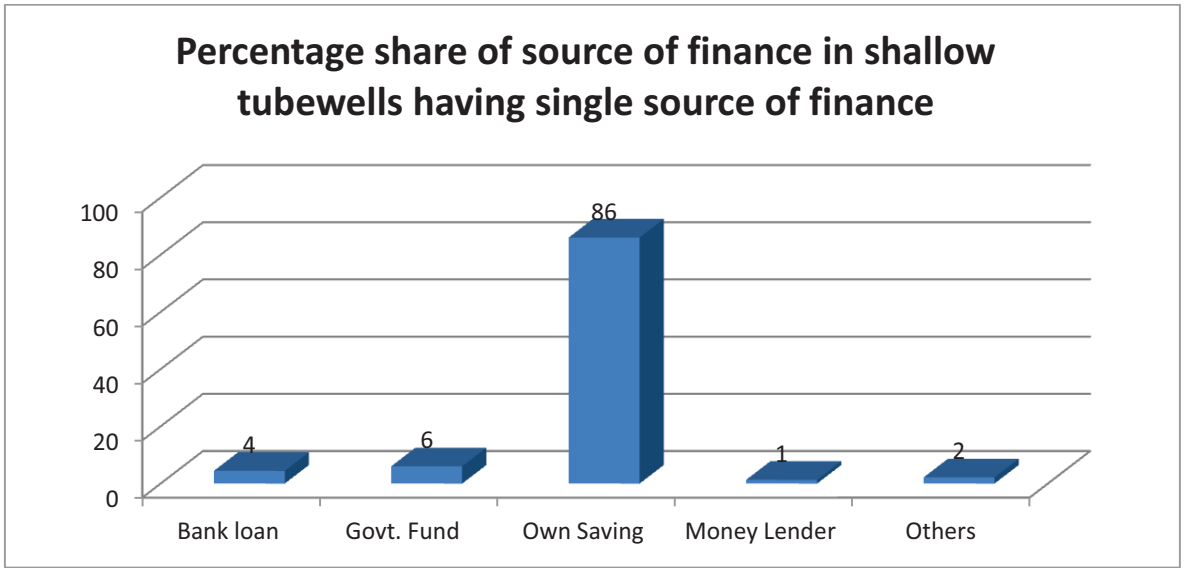


5.4.2 Shallow Tubewells:

There are total of 5.9 million shallow tubewells in 661 districts of the country irrigating 22.2 million ha of land. Shallow tubewells are dominantly owned by private entities (99%). Out of these, about 96% shallow tubewells are owned by individual farmers and only 4% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of shallow tubewells (73%). As per the social status of the farmers owning shallow tubewells, about 47% schemes belong to Other Backward Castes (OBCs) followed by others (34.2%), Scheduled Caste (14.7%) and Scheduled Tribe (4.1%). In individually owned shallow tubewells, about 64% are financed by single source of finance and 36% are having more than one source of finance. In single source of finance, majority of schemes (86%) were financed by own saving only.

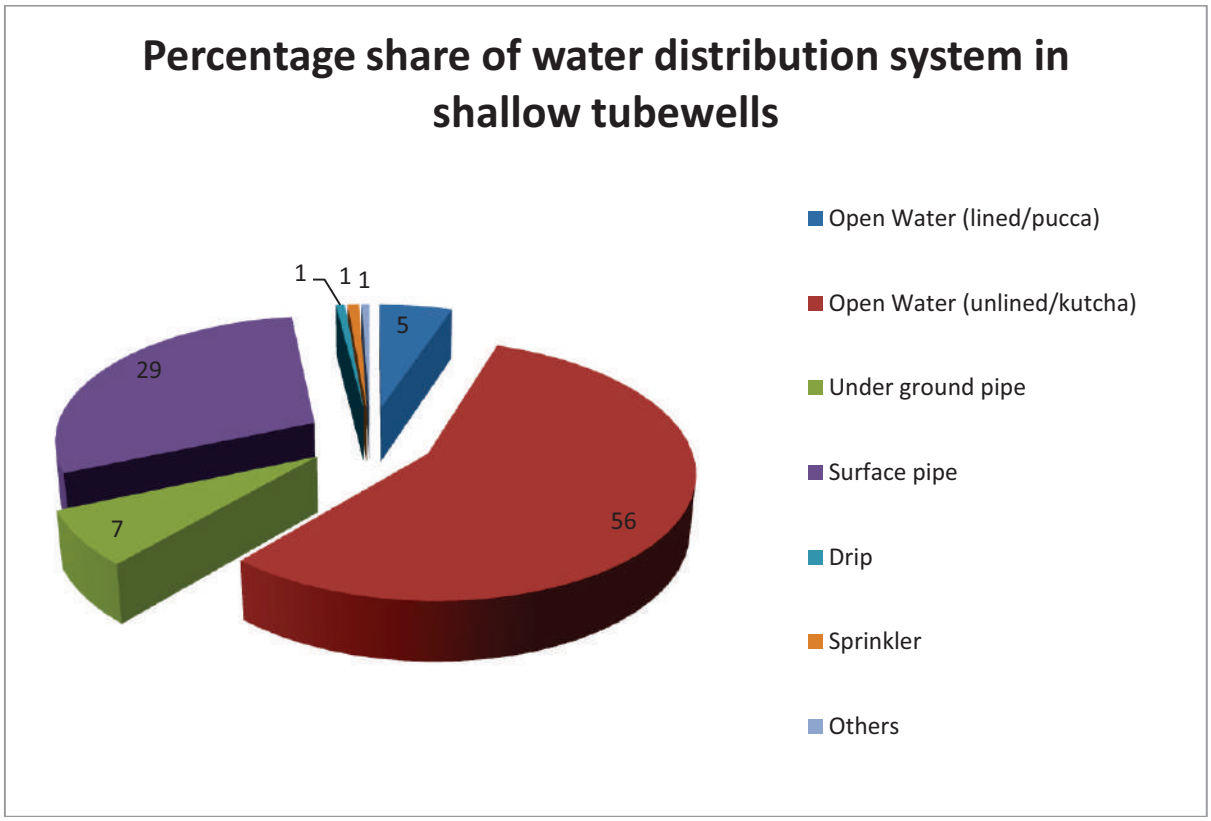




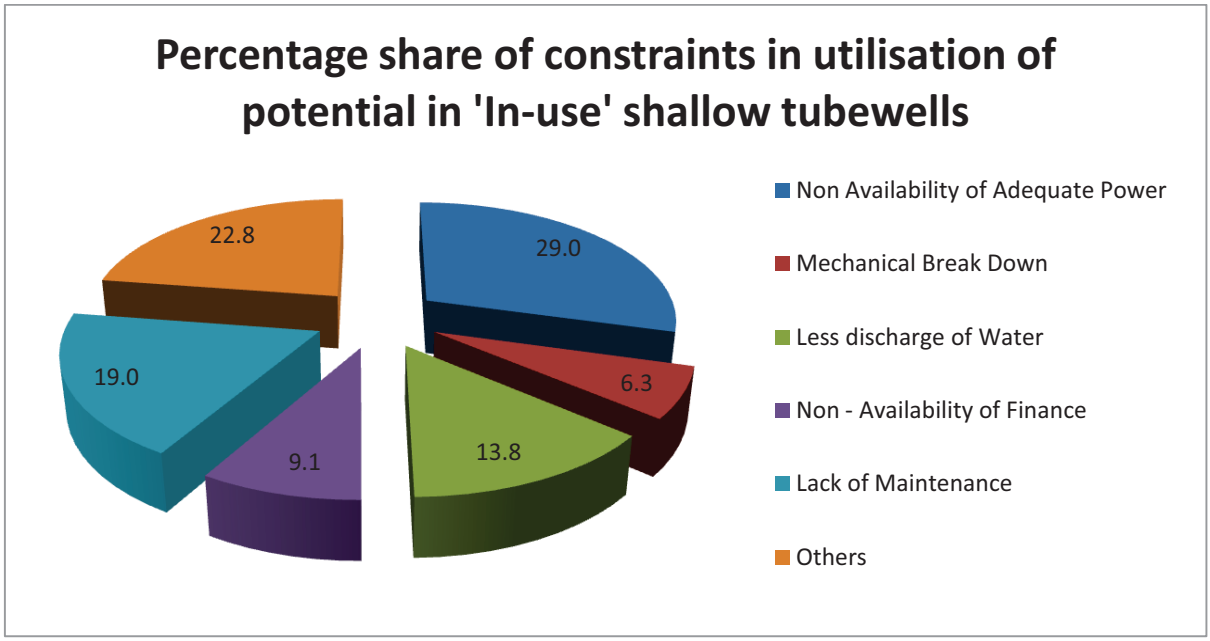


Around 95% shallow tubewells have single lifting device in which about 71.4% are centrifugal pumps followed by submersible pumps (26.3%). Around 92% shallow tubewells are having single source of energy in which diesel is dominating (65%) followed by electricity (34%). As per the definition, shallow tubewells have depth in the range 0-35 meters and in 5th MI census, 66% shallow tubewells are in the depth range of 20-35 meters. Remaining 34% shallow tubewells are in the depth range 0-20 meters.

According to water distribution system, open water channel (unlined/kutcha) is dominant (56%) followed by surface pipe (29%).

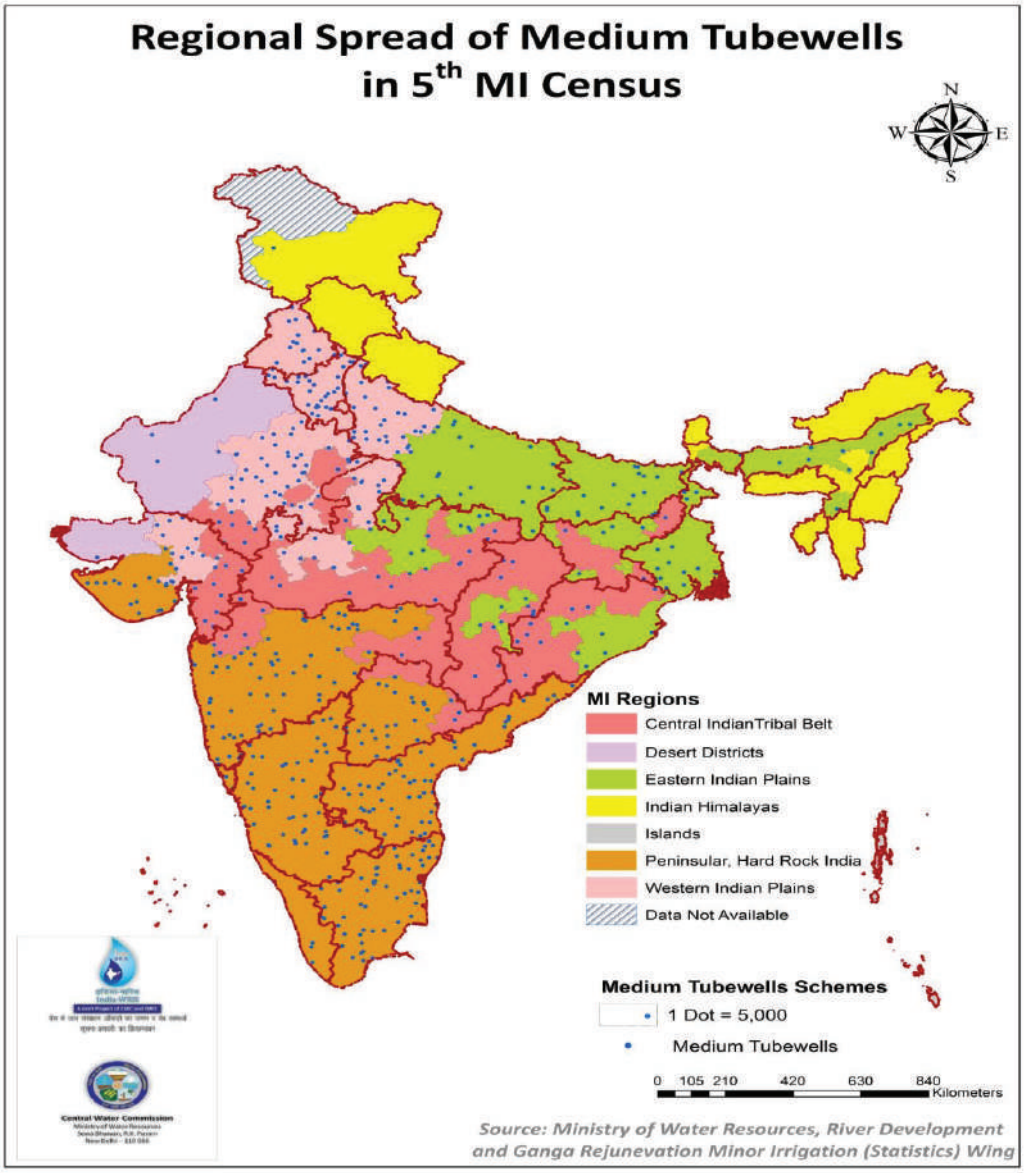


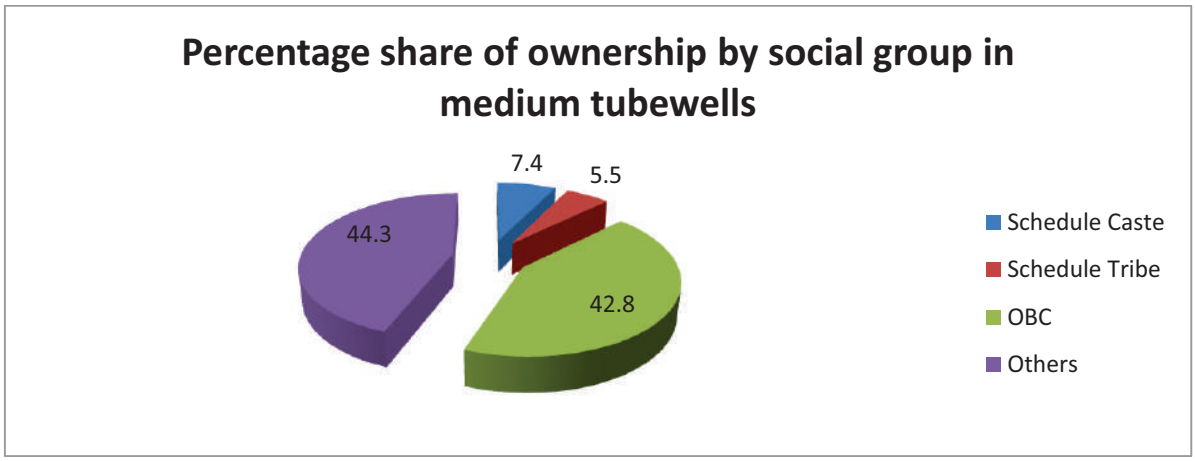
In the shallow tubewells, which are 'in use', around 90% are functioning without any constraint in utilisation of potential. Out of remaining 10% which are having constraint in utilisation, reason of 'non-availability of adequate power' is largest (29%) followed by 'lack of maintenance' (19%) and 'less discharge of water' (13.8%).

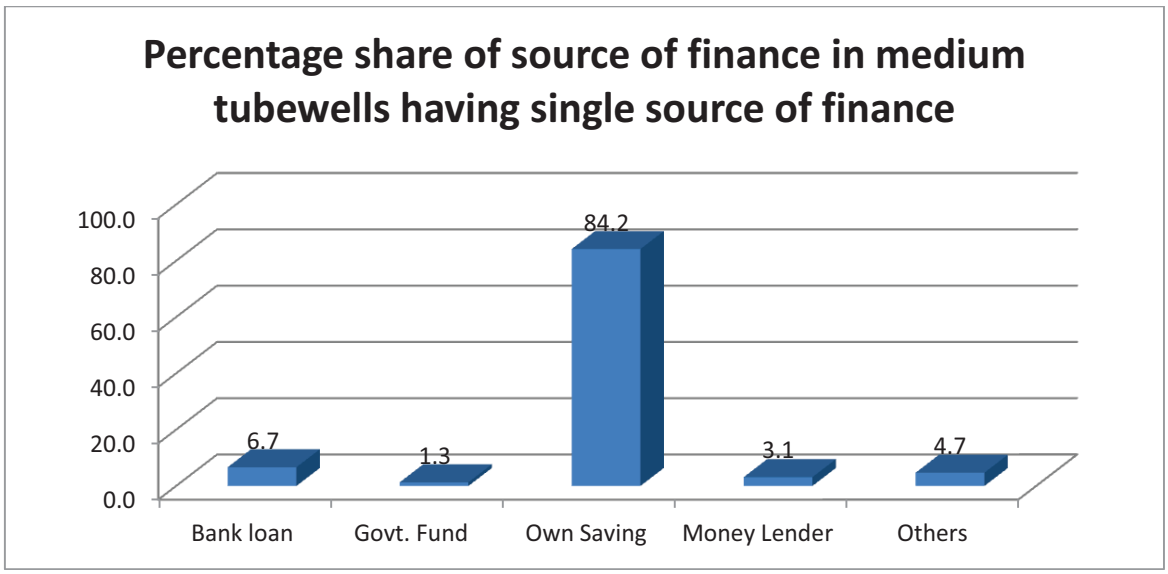


5.4.3 Medium Tubewells:

There are total of 3.17 million medium tubewells in 661 districts of the country irrigating 11.6 million ha of land. Medium tubewells are dominantly owned by private entities (99.3%). Out of these, about 94% medium tubewells are owned by individual farmers and only 6% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of shallow tubewells (61%). As per the social status of the farmers owning medium tubewells, about 44.3% schemes belong to Others followed by Other Backward Castes (OBCs) (42.8%), Scheduled Caste (7.4%) and Scheduled Tribe (5.5%). In individually owned medium tubewells, about 63% are financed by single source of finance and 37% are having more than one source of finance. In single source of finance, majority of schemes (84%) were financed by own saving only.

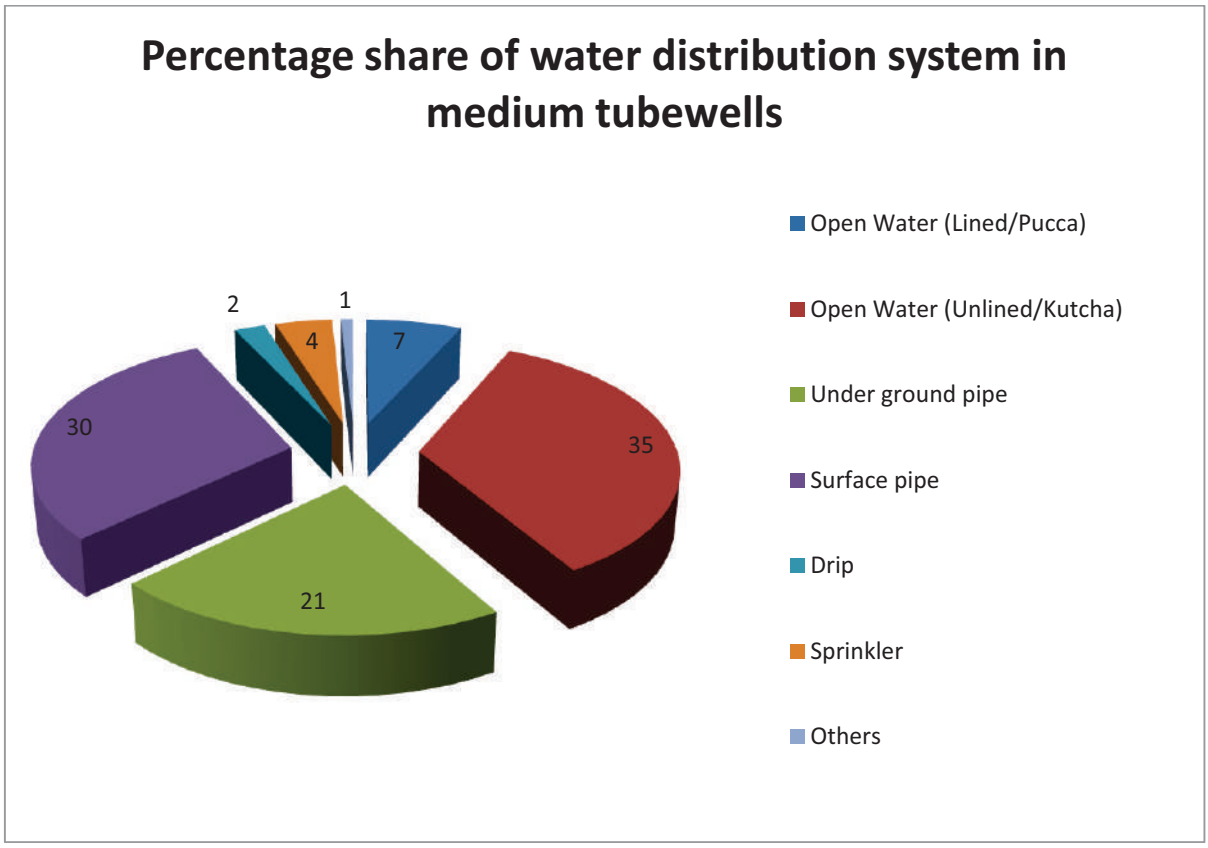




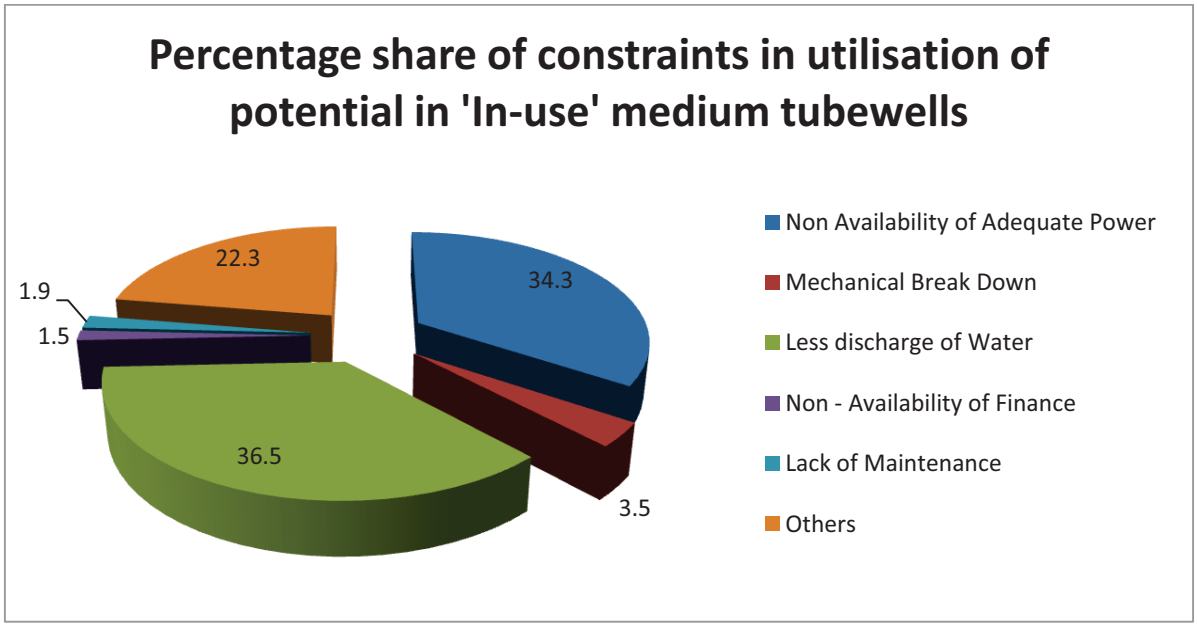


Around 98% medium tubewells have single lifting device in which about 81% are submersible pumps followed by centrifugal pumps (17%). Around 92% medium tubewells are having single source of energy in which electricity is dominating (88.6%) followed by diesel (10.9%). As per the definition, medium tubewells have depth in the range 35-70 meters and in 5th MI census, 54% medium tubewells are in the depth range of 40-60 meters, 34% in depth range of 60-70 meters and 12% in depth range 35-40 meters.

According to water distribution system, open water channel (unlined/kutcha) is dominant (35%) followed by surface pipe (30%) and underground pipe (21%).

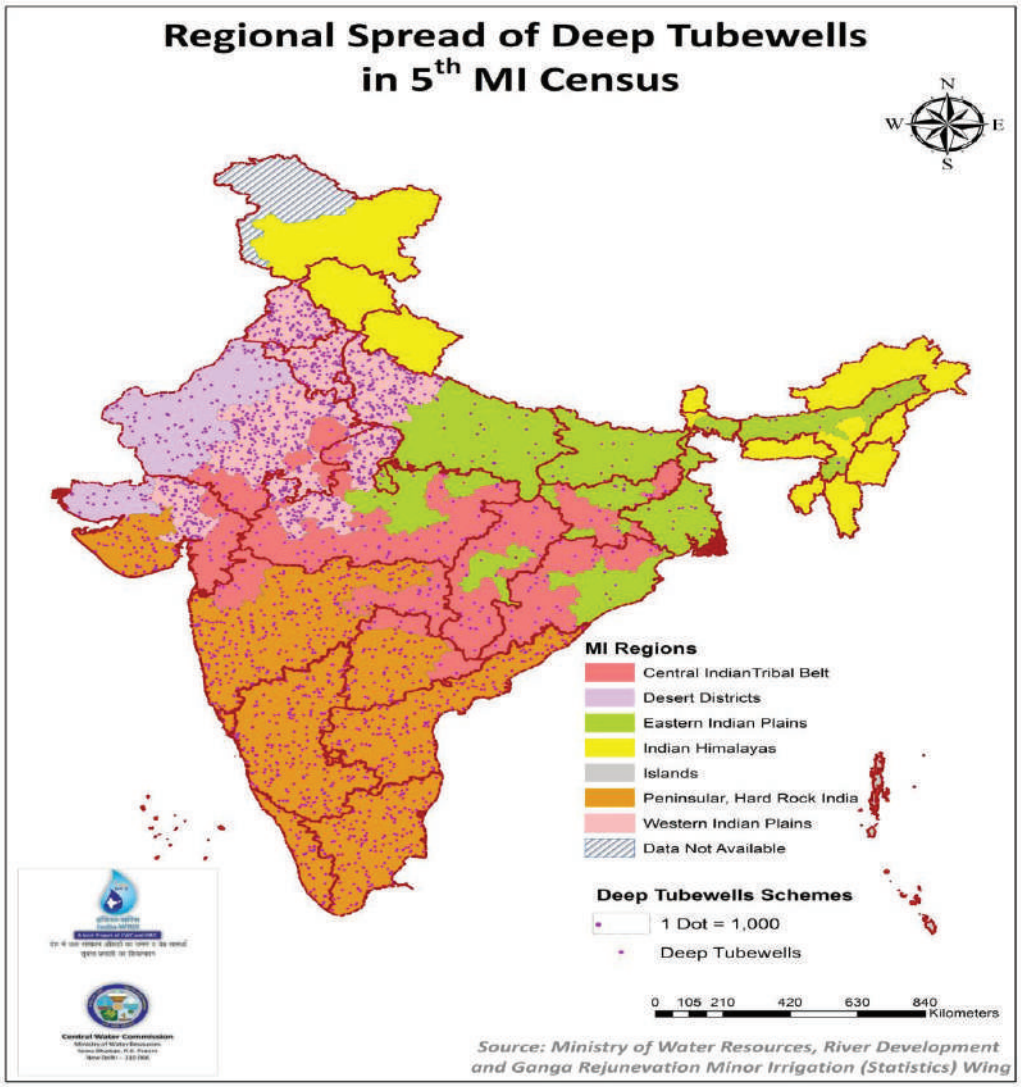


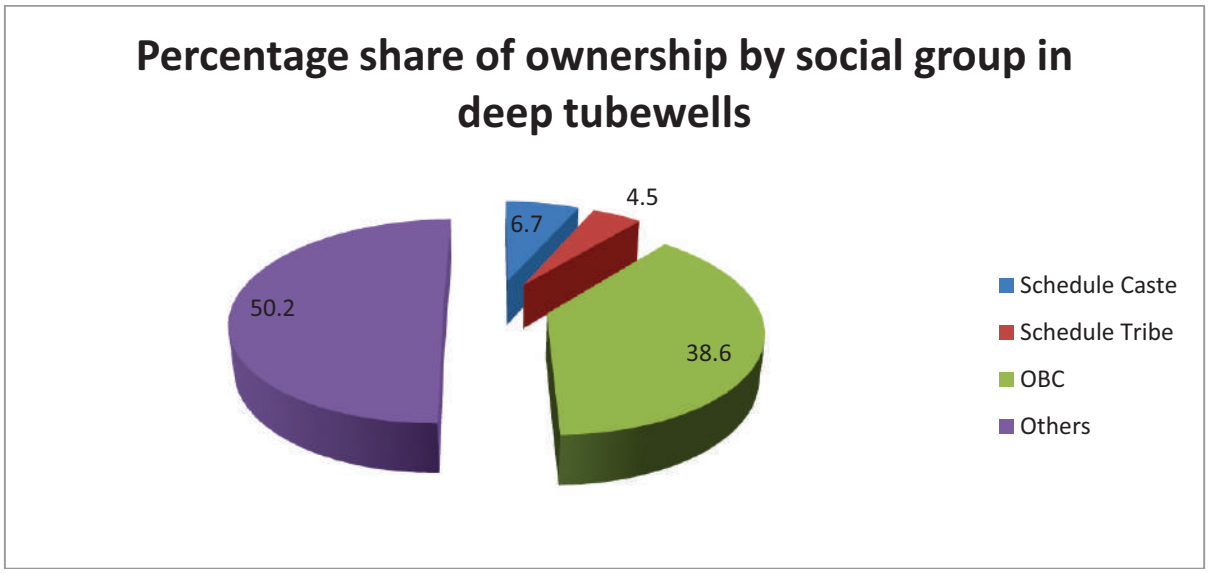
In the medium tubewells, which are 'in use', around 82% are functioning without any constraint in utilisation of potential. Out of remaining 18% which are having constraint in utilisation, reason of 'less discharge of water' is largest (36.5%) followed by 'non-availability of adequate power' (34.3%).

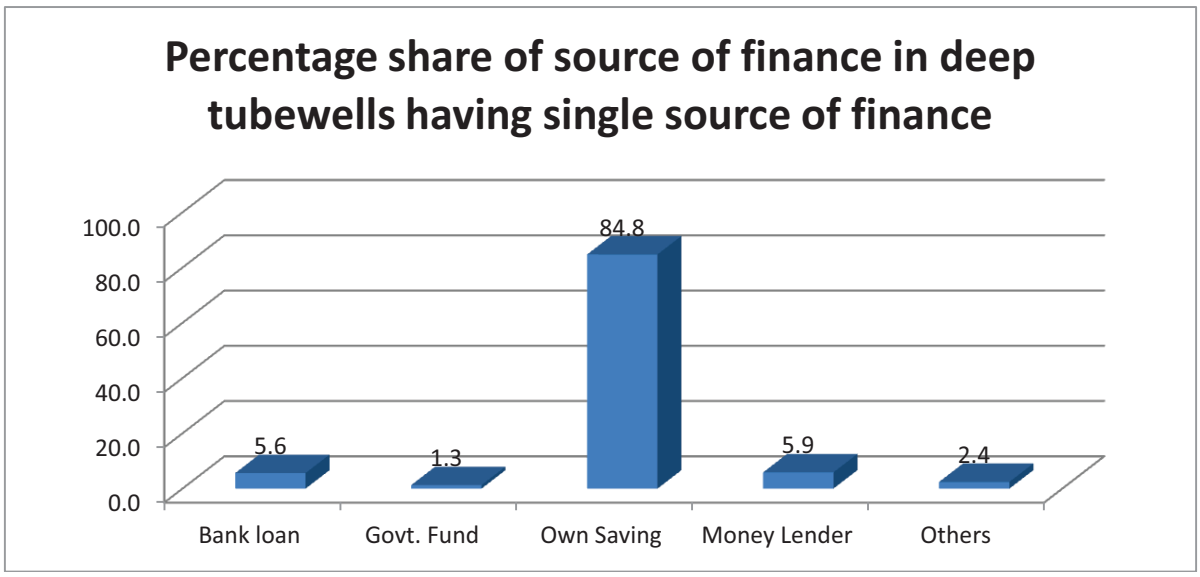


5.4.4 Deep Tubewells:

There are total of 2.6 million deep tubewells in 661 districts of the country irrigating 12.68 million ha of land. Deep tubewells have grown rapidly from 0.1 million in 1987 to 0.5 million on 2000-01, 1.45 million in 2006-07 and more than 2.6 million in 2013-14. Majority of them are located in Punjab, Rajasthan, Andhra Pradesh, Telangana, Tamilnadu, Haryana, Madhya Pradesh, Maharashtra and Karnataka. Deep tubewells are dominantly owned by private entities (98.5%). Out of these, about 81% deep tubewells are owned by individual farmers and only 19% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of deep tubewells (50%). As per the social status of the farmers owning deep tubewells, about 50.2% schemes belong to Others followed by Other Backward Castes (OBCs) (38.6%), Scheduled Caste (6.7%) and Scheduled Tribe (4.5%). In individually owned deep tubewells, about 62% are financed by single source of finance and 38% are having more than one source of finance. In single source of finance, majority of schemes (84.8%) were financed by own saving only.

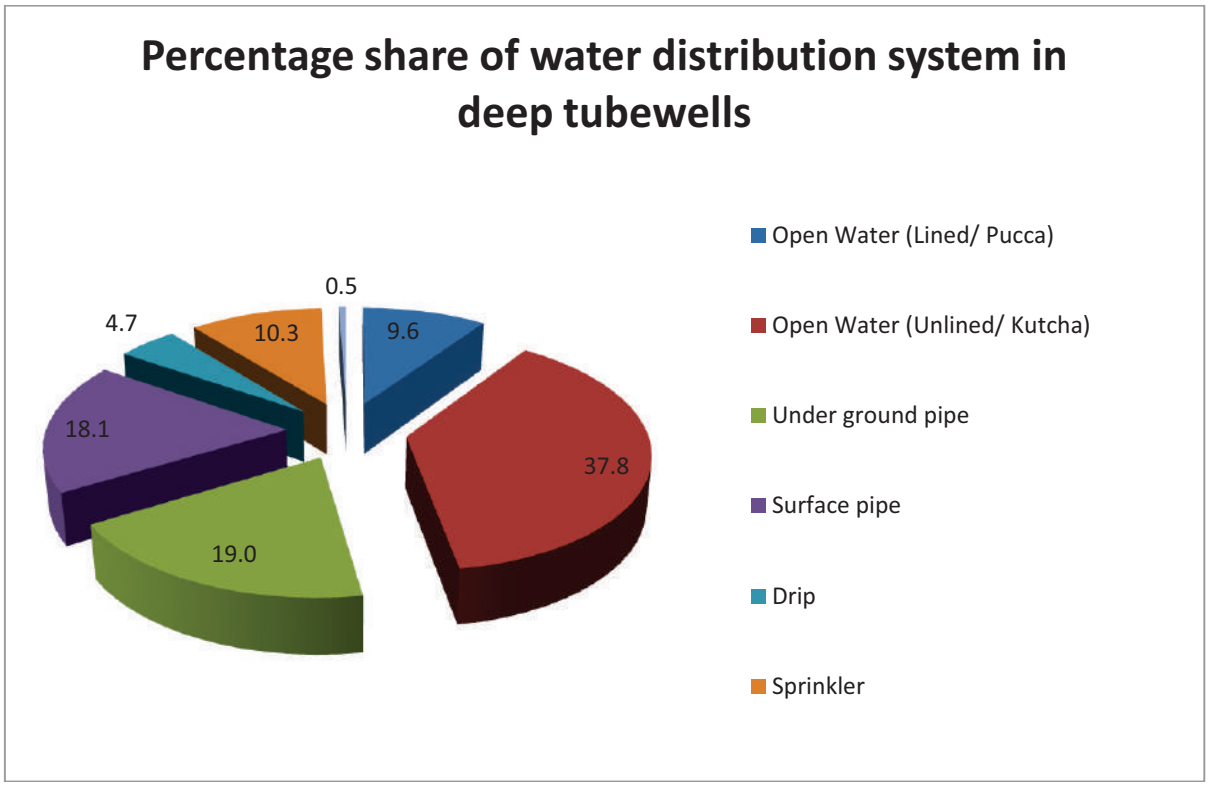




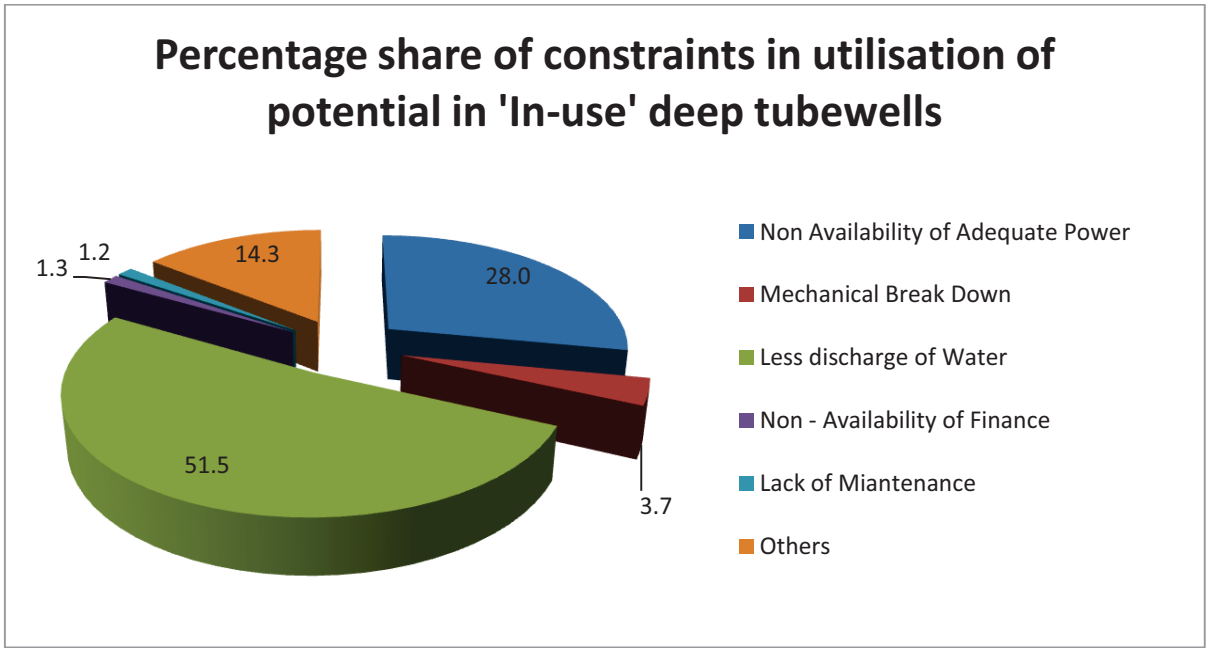


Around 98.3% deep tubewells have single lifting device in which about 90% are submersible pumps followed by centrifugal pumps (8%). Around 95% deep tubewells are having single source of energy in which electricity is dominating (96.6%) followed by diesel (3.3%). As per the definition, deep tubewells have depth more than 70 meters and in 5th MI census, majority (40%) deep tubewells are in the depth range of 70-90 meters followed by 26% in depth range of 90-110 meters.

According to water distribution system, open water channel (unlined/kutcha) is dominant (37.8%) followed by underground pipe (19%) and surface pipe (18.1%).

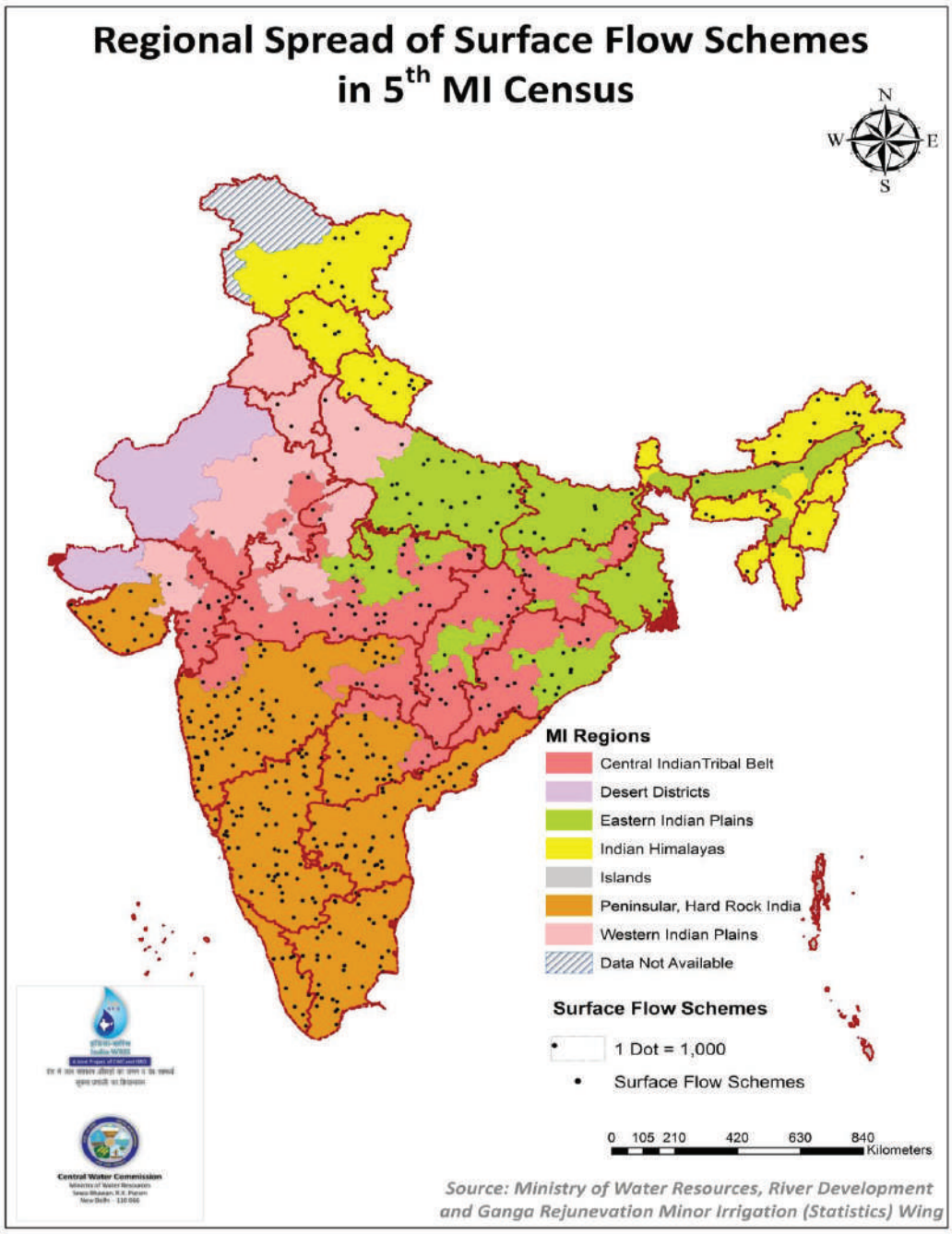


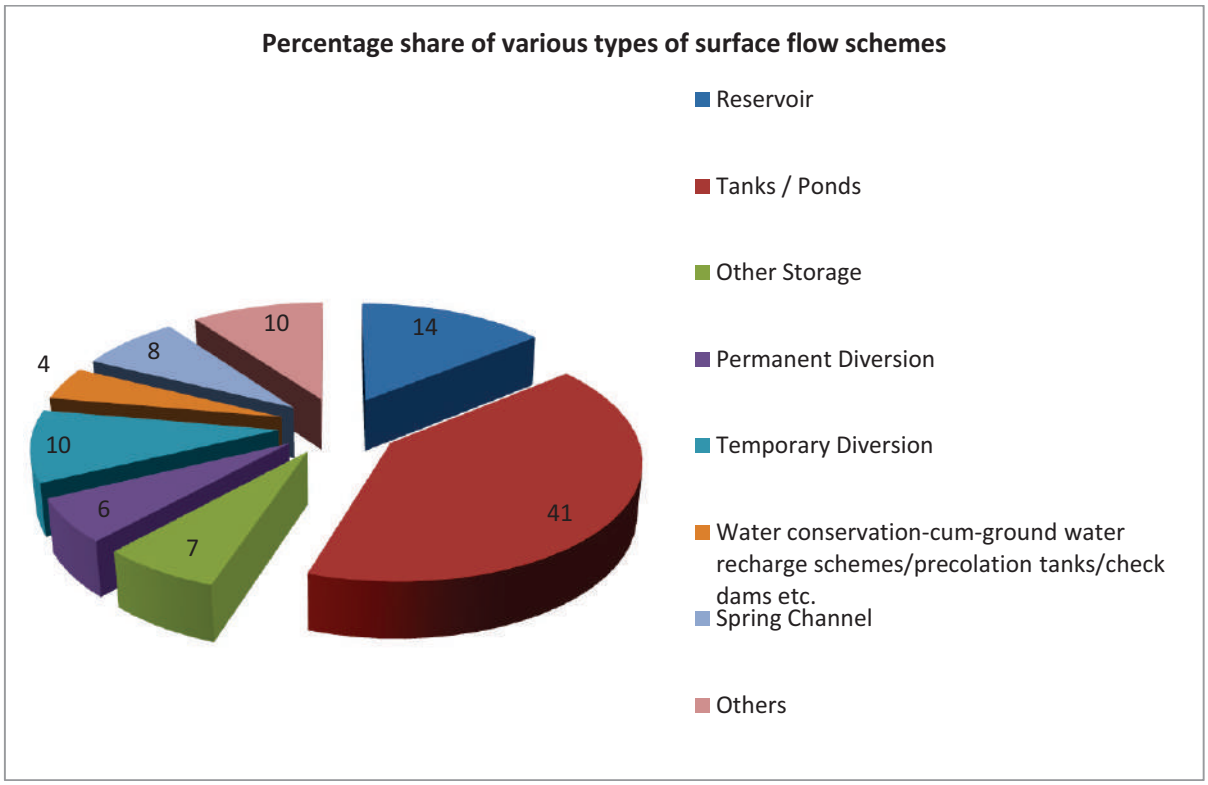
In the deep tubewells, which are 'in use', around 80% are functioning without any constraint in utilisation of potential. Out of remaining 20% deep tubewells having constraint in utilisation, reason of 'less discharge of water' is largest (51.5%) followed by 'non-availability of adequate power' (28%).



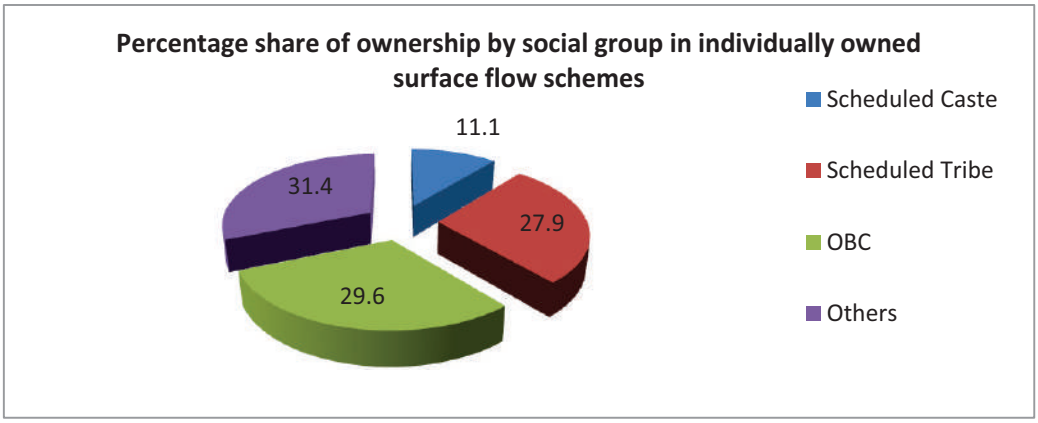
5.4.5 Surface Flow Schemes:

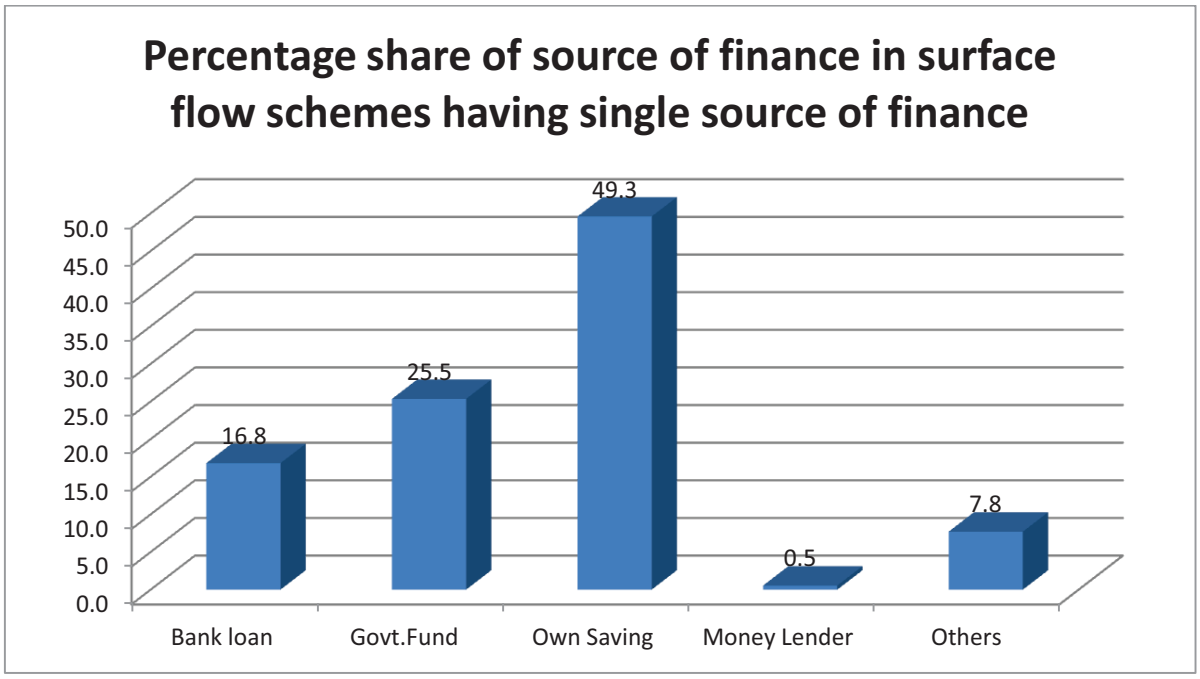
Number of surface flow minor irrigation schemes has declined from 601 thousand in 2006-07 to 592 thousand in 2013-14. These surface flow schemes in 661 districts of the country are irrigating 4.89 million ha of land. Majority of these surface flow schemes are located in Maharashtra, Karnataka, Madhya Pradesh, Andhra Pradesh, Jharkhand, Tamilnadu and Uttarakhand. In surface flow schemes, tanks/ ponds have largest share of 41% followed by reservoir (14%) and temporary diversions (10%).



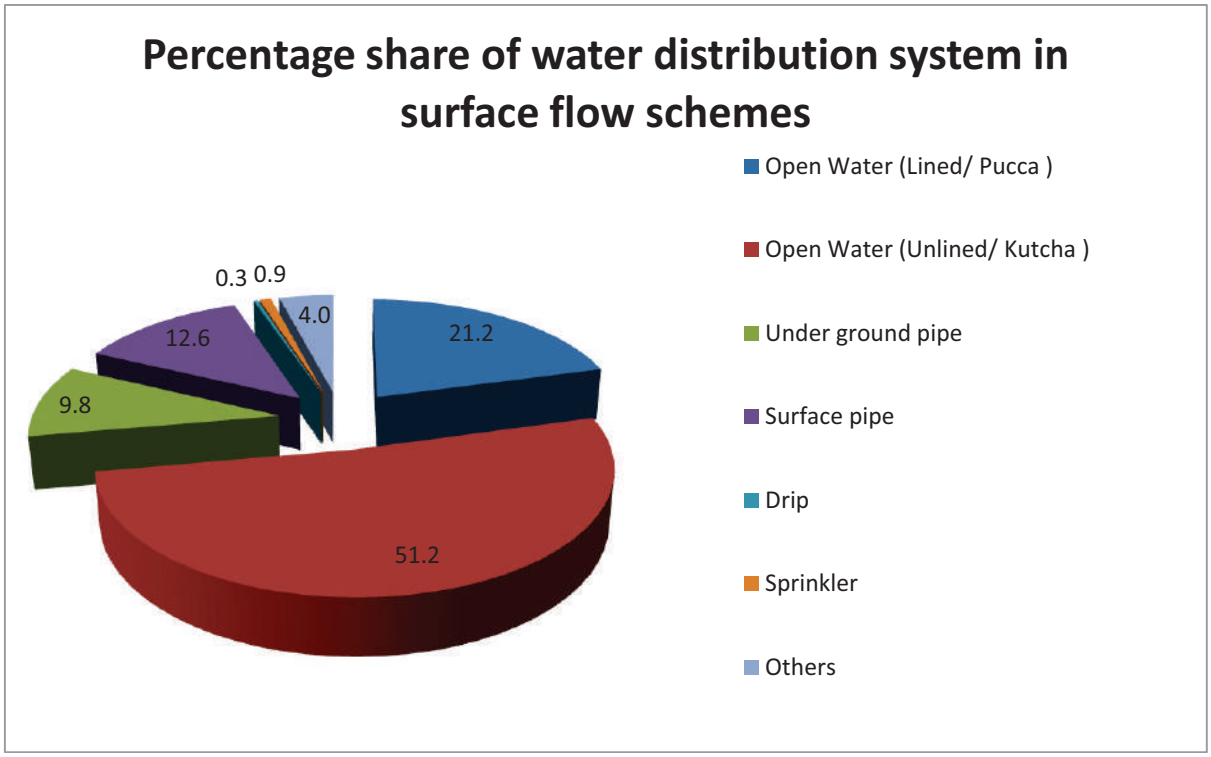


Surface flow schemes are largely in public ownership (54%) and 46% are being owned by private entities. In public owned surface flow schemes, majority (75%) are Government owned followed by panchayat (17%). In privately owned surface flow schemes, majority (73%) is owned by individual farmers and only 27% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of surface flow schemes (58%). As per the social status of the farmers owning surface flow schemes, about 31.4% schemes belong to Others followed by Other Backward Castes (OBCs) (29.6%), Scheduled Tribe (27.9%) and Scheduled Caste (11.1%). In individually owned surface flow schemes, about 73% are financed by single source of finance and 27% are having more than one source of finance. In single source of finance, majority of individually owned surface flow schemes (49.3%) were financed by own saving only followed by Government fund (25.5%) and Bank loan (16.8%).

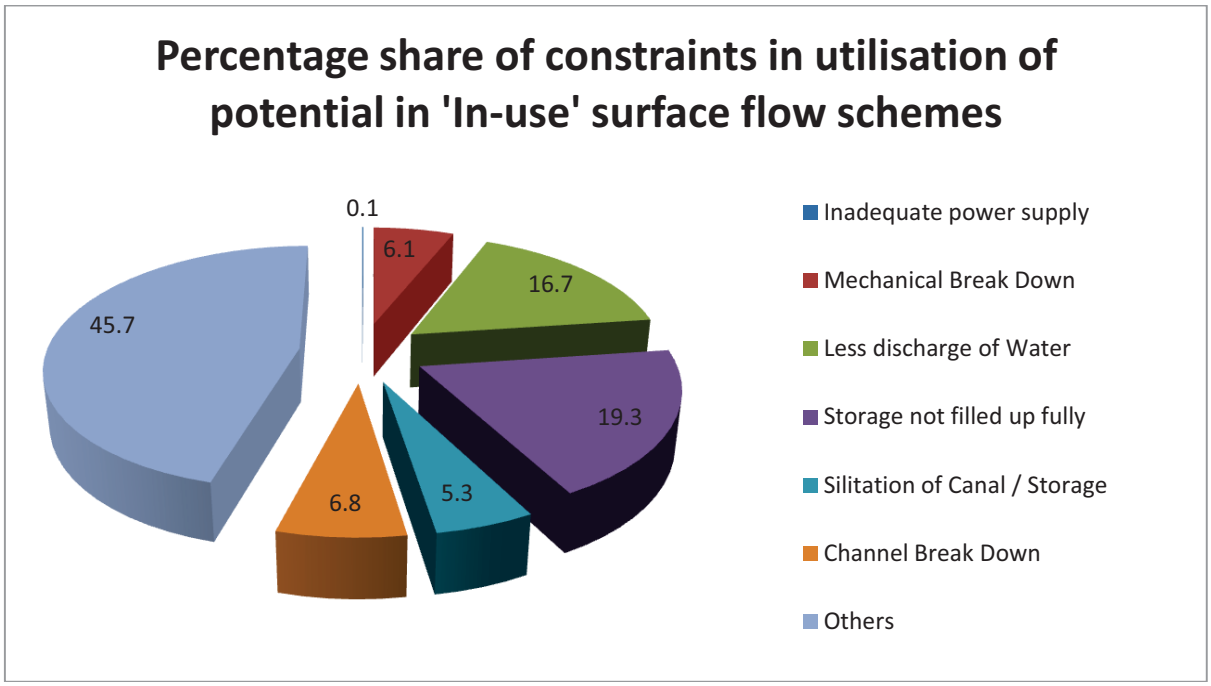




According to water distribution system, open water channel (unlined/kutcha) is dominant (51.2%) followed by open water channel (lined/pucca) (21.2%), surface pipe (12.6%) and underground pipe (9.8%) .

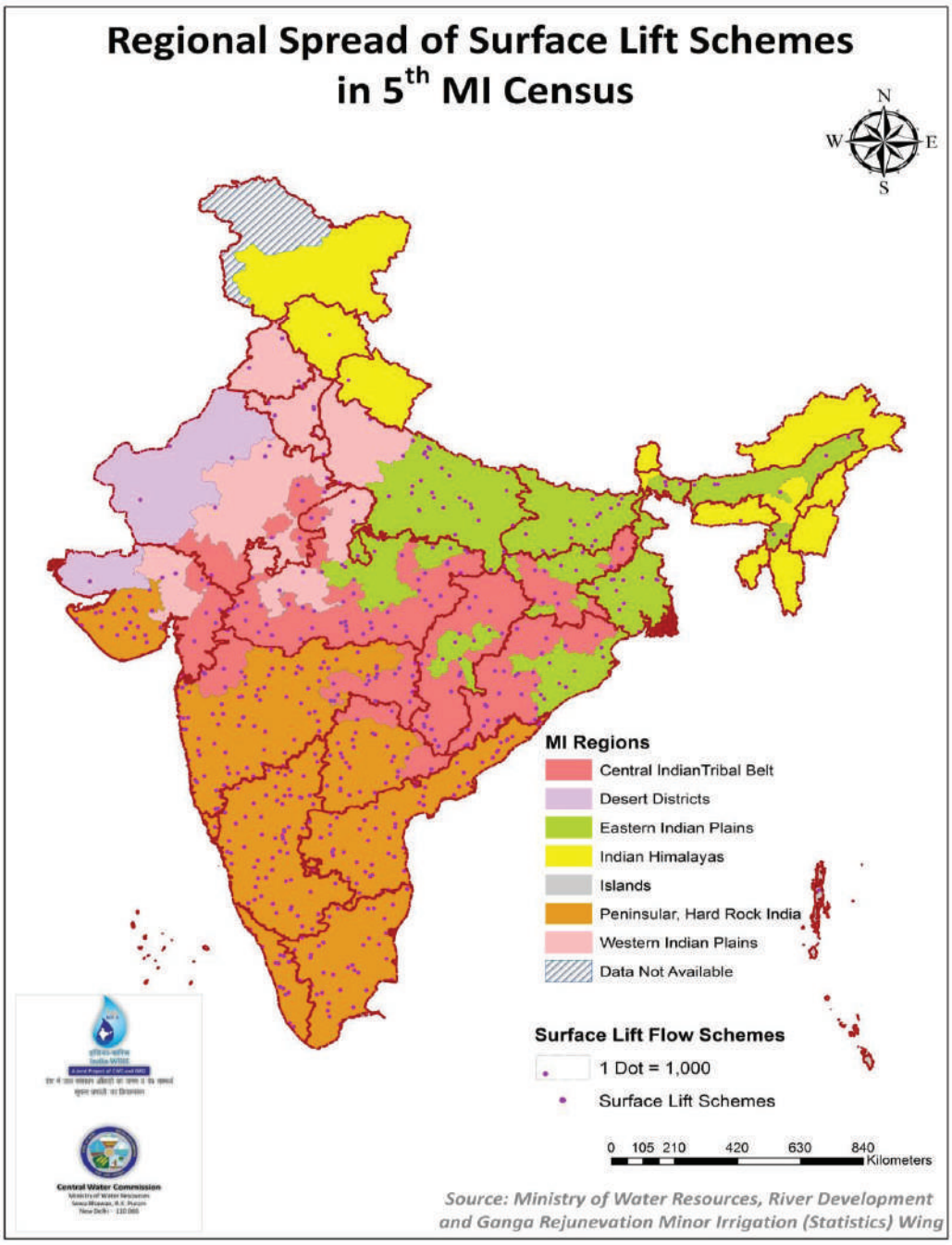


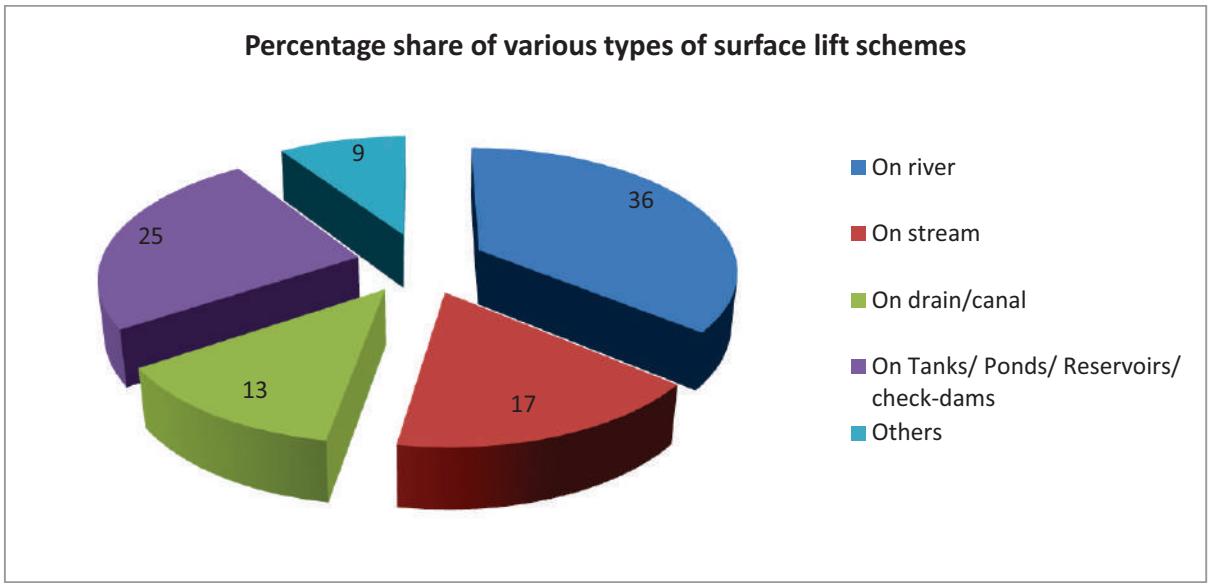
In surface flow schemes, which are 'in use', around 78% schemes are functioning without any constraint in utilisation of potential. Out of remaining 22% surface flow schemes having constraint in utilisation, the predominant reasons for under utilization are , 'others' (45.7%) followed by 'storage not filled up fully' (19.3%) and 'less discharge of water' (16.7%).



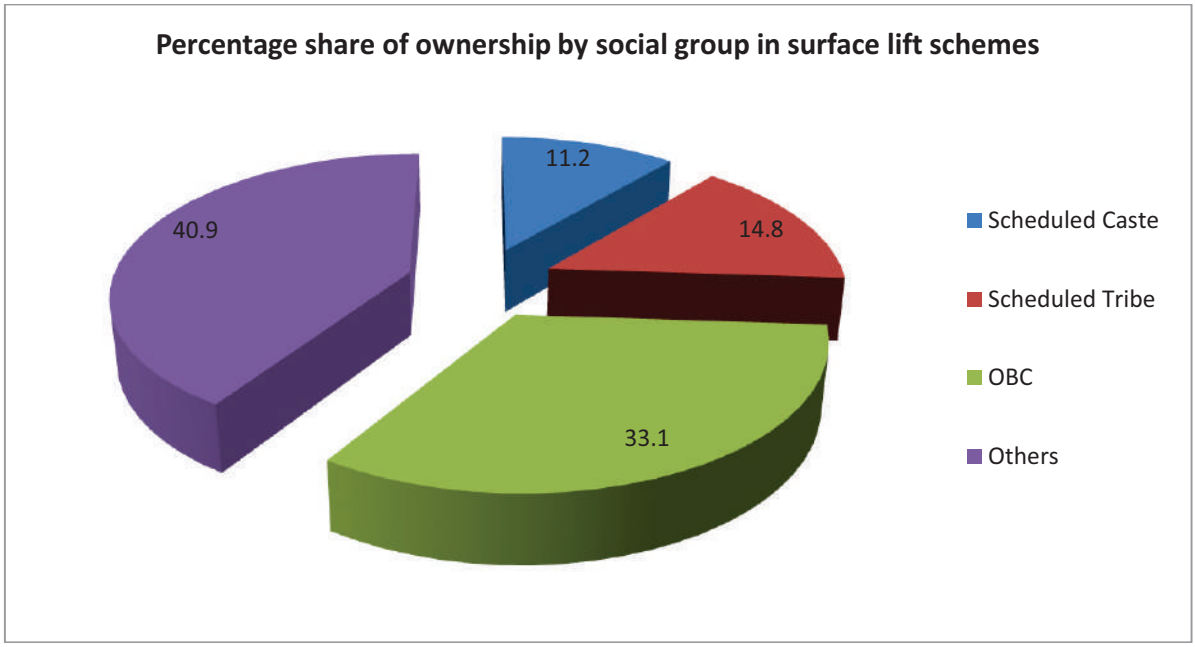
5.4.6 Surface Lift Schemes:

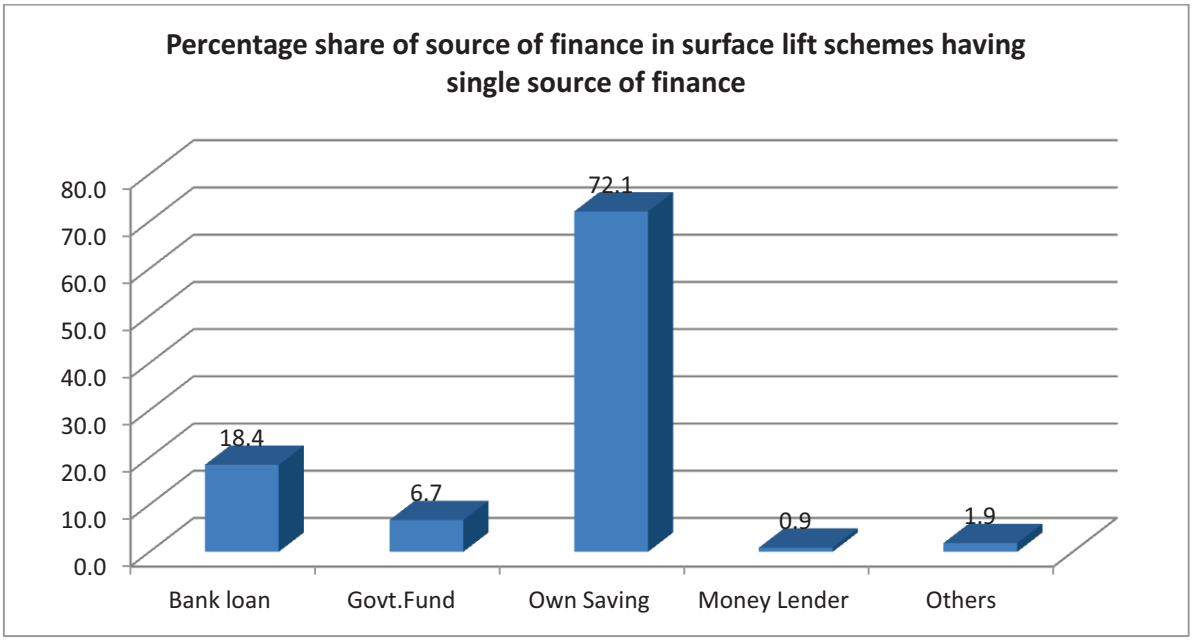
Number of surface lift minor irrigation schemes has declined from 647 thousand in 2006-07 to 600 thousand in 2013-14. These surface lift schemes in 661 districts of the country are irrigating 3 million ha of land. Majority of these surface lift schemes are located in Maharashtra, Karnataka, Madhya Pradesh, Odisha, West Bengal and Gujarat. Majority of surface lift schemes are located in river (36%) followed by 'tanks/ ponds/ reservoirs/ check dams' (25%), 'stream' (17%) and 'drain/ canal' (13%).





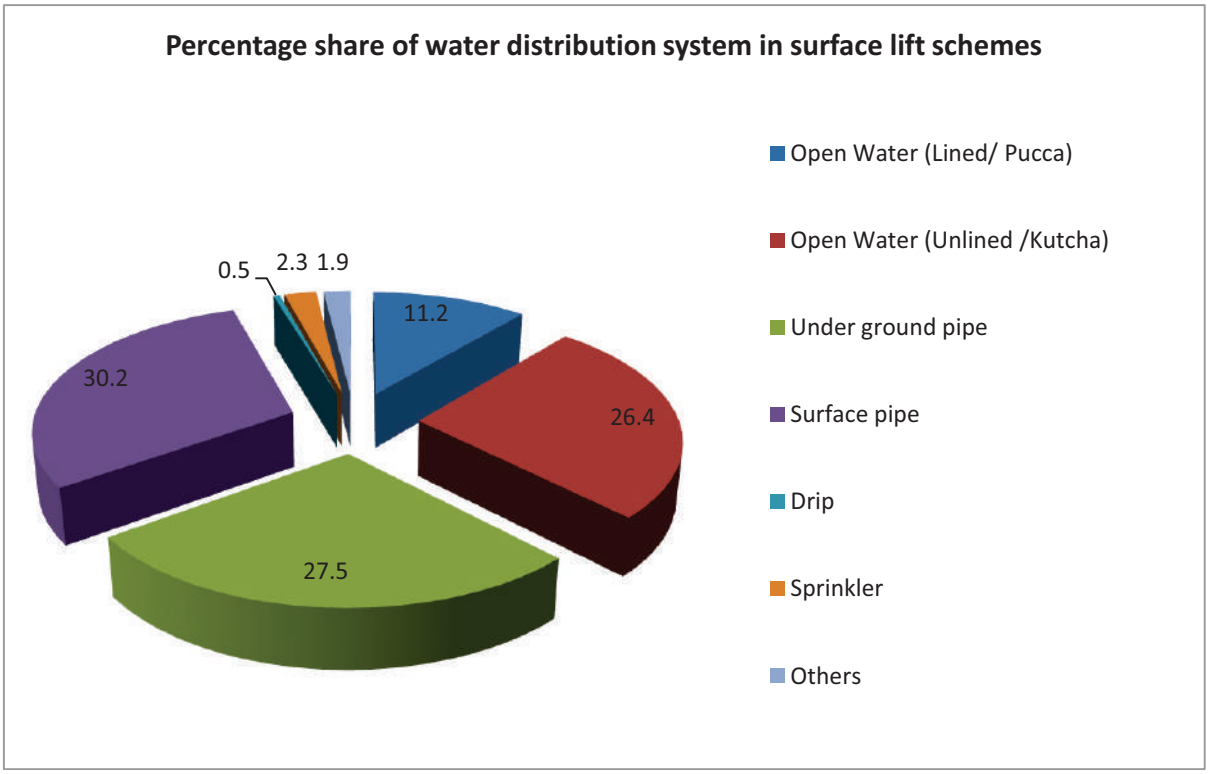
Surface lift schemes are dominantly owned by private entities (80%). Out of these, about 81% surface lift schemes are owned by individual farmers and only 19% are owned by group of farmers. Marginal and small farmers have the largest share in ownership of surface lift schemes (58%). As per the social status of the farmers owning surface lift schemes, about 40.9% schemes belong to 'Others' social group followed by Other Backward Castes (OBCs) (33.1%), Scheduled Tribe (14.8%) and Scheduled Caste (11.2%). In individually owned surface lift schemes, about 72% are financed by single source of finance and 28% are having more than one source of finance. In single source of finance, majority of schemes (72.1%) were financed by own saving only followed by Bank loan (18.4%) and Government fund (6.7%).



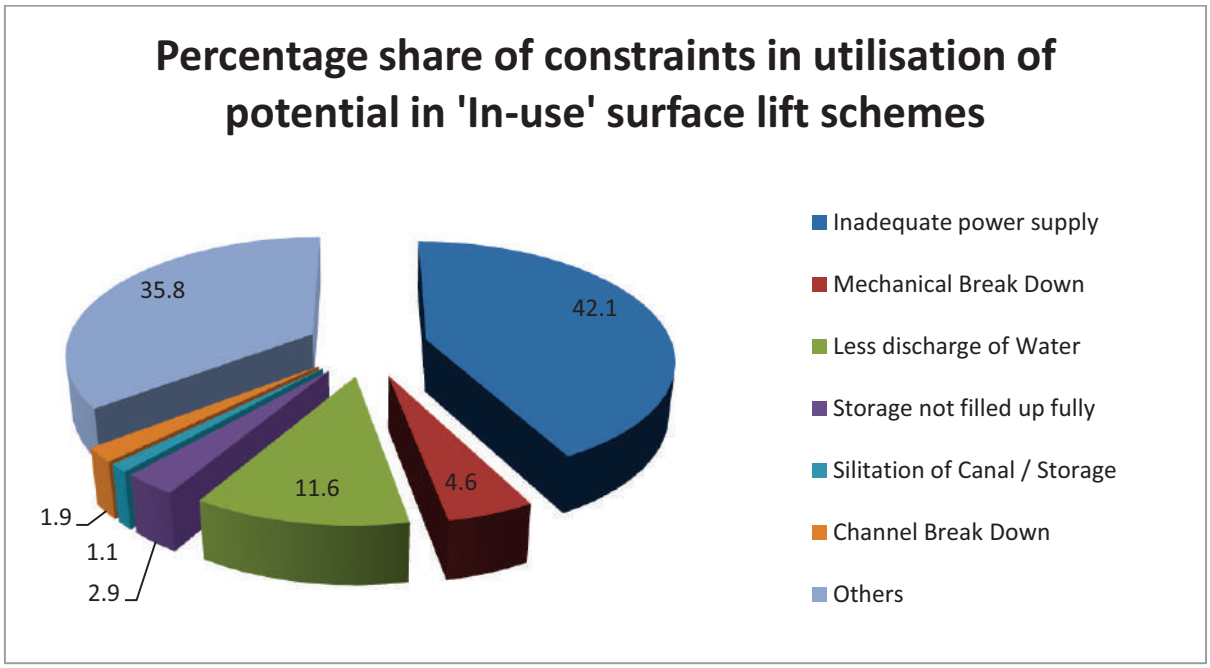


Around 94% surface lift schemes have single lifting device in which about 58% are centrifugal pumps followed by submersible pumps (35%). Around 91% surface lift schemes are having single source of energy in which electricity is dominating (68%) followed by diesel (29%).

According to water distribution system, surface pipe is dominant (30.2%) followed by underground pipe (27.5%) and open water channel (unlined/kutcha) (26.4%).



In surface lift schemes, which are 'in use', around 63% are functioning without any constraint in utilisation of potential. Out of remaining 37% surface lift schemes having constraint in utilisation, 'inadequate power supply' is the single most important reason for under utilisation(42.3%) followed by 'less discharge of water' (11.6%).



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Annexure-I

1. INDIAN HIMALAYAS	
Arunachal Pradesh	All Districts
Assam	Karbi Anglong; North Cachar Hills
Himachal Pradesh	All Districts
Jammu & Kashmir	All Districts
Manipur	All Districts
Meghalaya	All Districts
Mizoram	All Districts
Nagaland	All Districts
Sikkim	All Districts
Tripura	All Districts
Uttarakhand	All Districts
West Bengal	Darjeeling

2. CENTRAL INDIAN TRIBAL	
Telangana	Adilabad; Khammam
Chattisgarh	Bastar; Bilaspur; Dantewada; Dhamtari; Jashpur; Kanker; korba; Koriya; Kabirdham; Mahasamund; Raigarh; Rajnandgaon; Balod; Balodabajar; Balrampur; Bijapur; Gariyaband; kondagaon; Narayanpur; Sarguja; Sukama; Surajpur
Dadra & Nagar Haweli	UT
Daman & Diu	Daman; Diu
Gujrat	Bharuch; Dahod; Narmada; Navsari; Panch Mahal; Dangs; Surat; Vadodara;Valsad; Aravalli ; Chhota Udaipur; Mahisagar; Sabarkantha, Tapi
Jharkhand	Dumka; Gumla; Godda; Lohardaga; Pakaur; Palamu; Ranchi; Shibganj; East Singhbhum, Jamtara, Khunti, Latehar, West Singhbhum
Madhya Pradesh	Balaghat; Barwani; Betul; Chhindwara; Dewas; Dhar; Dindori; Guna; Harda; Hoshangabad; Jhabua; Katni; Mandla; Panna; Raisen, Ratlam; Seoni; Shahdol; Sheopur; Sidhi; Umaria; Agar Malwa, Alirajpur; Anuppur, Burhanpur, Khandwa; Khargone; Singrauli;
Maharashtra	Chadrapur; Dhule; Gadchiroli; Gondiya; Nandurbar; Nashik; Yavatmal
Orissa	Balangir, Bargarh, Gajapati; Jharsuguda; Kalahandi; Kandhamal; Koraput; Malkangiri, Mayurbhanj, Nabarangapur, Naupada; Rayagada; Sambalpur; Sundergadh; Deogarh ; Keonjhar;
Rajasthan	Banswara; Baran; Bundi; Dausa; Dungarpur; Karauli; Sawai Madhopur; Sirohi; Udaipur; Pratapgarh;

3. PENINSULAR, HARD ROCK INDIA	
Andhra Pradesh	ALL Districts
Telangana	ALL EXCEPT: Adilabad; Khammam
Goa	ALL Districts
Gujarat	Amreli; Bhavnagar; Jamnagar; Junagadh; Porbandar; Rajkot; Surendranagar; Devbhumidwarka; Girsomnath; Morbi
Karnataka	ALL Districts
Kerala	ALL Districts
Maharashtra	ALL EXCEPT: Chadrapur; Dhule; Gadchiroli; Nandurbar; Nashik; Yavatmal,Gondiya
Pondicherry	Karaikal; Mahe; Pondicherry; Yanam
Tamil Nadu	ALL Districts

4. DESERT DISTRICTS	
Rajasthan	Barmer; Bikaner; Churu; Ganganagar; Hanumangarh; Jaisalmer; Jalor; Jodhpur
Gujarat	Kachchh

5. EASTERN INDIAN PLAINS	
Assam	ALL EXCEPT: Karbi Anglong; North Cachar Hills
Bihar	ALL
Chattisgarh	Durg; Janjir-Champa; Raipur;Bemetara;; Mungeli,
Jharkhand	Bokaro; Chatra; Deogarh; Dhanbad; Garhwa; Giriddi, Hazaribagh; Kodarma; Ramgarh; Saraikella ; Simdega;
Madhya Pradesh	Chhatarpur, Damoh, Narsimhapur; Rewa; Sagar; Satna; Tikamgarh; Vidisha; Jabalpur;
Orissa	Angul, Baudh; Bhadrak; Cuttack; Dhenkanal; Ganjam; Jagatsinghapur; Jajapur; Kendrapara; Nayagarh; Puri; Sonapur; Balasore; Khurda ;
Uttar Pradesh	Allahabad; Ambedkar Nagar, Auraiya, Azamgarh, Bahraich; Ballia; Balrampur; Banda; Barabanki; Basti; Chandauli; Chitrakoot; Deoria; Etawah; Faizabad; Farrukhabad; Fatehpur; Ghazipur; Gonda; Gorakhpur; Hamirpur; Hardoi; Jolaun; Jaunpur; Jhansi; Kannauj; Kanpur Dehat; Kanpur Nagar; Kaushambi; Kheri; Kushinagar; Lalitpur; Lucknow; Maboba; Maharajganj; Mau; Mirzapur; Pratapgarh; Rae Bareli; Sant Kabir Nagar; Bhadohi; Shrawasti; Siddharthnagar; Sitapur; Sonbhadra; Sultanpur; Unnoa; Varanasi
West Bengal	ALL EXCEPT: Darjeeling

6. WESTERN INDIAN PLAINS	
Chandigarh	
Delhi	ALL Districts
Gujarat	Ahmedabad; Anand; Banaskantha; Gandhinagar; Kheda; Mahesana; Patan; Botad
Haryana	ALL Districts
Madhya Pradesh	Bhind; Bhopal; Datia; Gwalior; Indore; Mandsaur; Morena; Neemuch; Rajgarh; Sehore; Shajapur; Shivpuri; Ujjain; Ashoknagar;
Punjab	ALL Districts
Rajasthan	Ajmer; Alwar; Bharatpur; Bhilwara; Chittorgarh; Dhaulpur; Jaipur; Jhalawar; Jhunjhunun; Kota; Nagaur; Pali; Rajsamand; Sikar; Tonk
Uttar Pradesh	ALL districts except mentioned in Eastern Indian Plains

7. ISLANDS	
Andaman & Nicobar Is.	ALL
Lakshadweep	ALL

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INTEGRATED TABLES

MINOR IRRIGATION CENSUS (2013-14)

Table. I MINOR IRRIGATION SCHEMES AT A GLANCE

(In Nos.)

Sl.No	State	No. of Districts	No. of Blocks	No. of Villages	Total Number of Schemes								
					Ground Water					Surface Water			Grand Total (10+13)
					Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	3	9	380	1334	23	0	0	1357	352	1001	1353	2710
2	ANDHRA PRADESH	13	670	17573	212030	185255	212950	377950	988185	51368	14803	66171	1054356
3	ARUNACHAL PRADESH	15	68	3951	21	14	1	27	63	4710	6	4716	4779
4	ASSAM	27	247	26486	215	127242	25	623	128105	2378	6037	8415	136520
5	BIHAR	38	534	45188	22877	361952	245881	12787	643497	2792	3703	6495	649992
6	CHANDIGARH	1	1	13	0	17	5	30	52	0	0	0	52
7	CHHATISGARH	27	150	20283	47611	45676	118034	75095	286416	12243	17049	29292	315708
8	DELHI	9	17	178	0	2940	22	4544	7506	0	0	0	7506
9	GOA	2	12	389	4673	83	1	13	4770	2144	841	2985	7755
10	GUJARAT	33	247	18490	932267	148909	171123	29693	1281992	12346	35888	48234	1330226
11	HARYANA	21	78	7083	28	90419	51962	207902	350311	498	100	598	350909
12	HIMACHAL PRADESH	12	141	21175	664	4423	2124	1021	8232	12049	493	12542	20774
13	JAMMU & KASHMIR	22	217	7096	295	7849	117	71	8332	2806	175	2981	11313
14	JHARKHAND	24	260	32637	177923	5610	1627	417	185577	51044	14603	65647	251224
15	KARNATAKA	30	176	29385	217971	386416	492850	118763	1216000	66526	71363	137889	1353889
16	KERALA	14	166	1043	74258	4503	1939	1768	82468	7406	13783	21189	103657
17	MADHYA PRADESH	51	313	56196	1419654	107706	269047	166631	1963038	55339	63852	119191	2082229
18	MAHARASHTRA	33	355	43943	2271776	103461	131379	131378	2637994	93098	189782	282880	2920874
19	MANIPUR	9	38	2677	0	0	0	0	0	713	153	866	866
20	MEGHALAYA	11	39	6636	80	1157	0	1	1238	7944	56	8000	9238
21	MIZORAM	8	29	830	0	0	0	0	0	4281	0	4281	4281
22	NAGALAND	11	74	1114	12	15	13	0	40	17021	45	17066	17106
23	ODISHA	30	314	50131	323234	49978	24676	11152	409040	35137	47217	82354	491394
24	PUDUCHERRY	3	14	123	57	600	1815	1342	3814	684	0	684	4498

MINOR IRRIGATION CENSUS (2013-14)

Table. I MINOR IRRIGATION SCHEMES AT A GLANCE

(In Nos.)

Sl.No	State	No. of Districts	No. of Blocks	No. of Villages	Total Number of Schemes								
					Ground Water					Surface Water			Grand Total (10+13)
					Dugwell	Shallow Tubewell	Medium Tubewell	Deep Tubewell	Total (6+7+8+9)	S. Flow Scheme	S. Lift Scheme	Total (11+12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
25	PUNJAB	22	139	12975	0	248679	384709	485379	1118767	199	1997	2196	1120963
26	RAJASTHAN	33	314	45567	875614	36211	141535	396173	1449533	1183	20352	21535	1471068
27	SIKKIM	4	412	989	0	0	0	0	0	1749	0	1749	1749
28	TAMIL NADU	31	385	17488	1582718	145248	73622	223978	2025566	44772	2179	46951	2072517
29	TELANGANA	9	448	10653	505352	108853	571316	270634	1456155	36078	30059	66137	1522292
30	TRIPURA	8	58	1178	155	523	1993	210	2881	261	1931	2192	5073
31	UTTARAKHAND	13	95	16321	338	47141	5492	1149	54120	36706	692	37398	91518
32	UTTAR PRADESH	75	821	106805	108688	3332304	250101	87249	3778342	8146	14798	22944	3801286
33	WEST BENGAL	19	343	41808	5754	387494	22433	12812	428493	20183	47135	67318	495811
Total :		661	7184	646784	8785599	5940701	3176792	2618792	20521884	592156	600093	1192249	21714133

MINOR IRRIGATION CENSUS (2013-14)

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

(Area in ha.)

Sl. No.	State	Ground Water				Surface Water				Total			
		In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU	In Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	1344	2108.95	2152.96	1173.49	1345	4817.62	3332.54	1313.68	2689	6926.57	5485.5	2487.17
2	ANDHRA PRADESH	843535	1299879.33	1753142.61	1387334.6	52266	827215.67	949047.15	615359.43	895801	2127095	2702189.76	2002694.03
3	ARUNACHAL PRADESH	56	739	311	176	3580	76040.02	103584.65	92867.86	3636	76779.02	103895.65	93043.86
4	ASSAM	117542	248834.74	268463.52	209101.86	7794	195839.6	182927.55	111505.3	125336	444674.34	451391.07	320607.16
5	BIHAR	638186	3708043.24	4325537.03	3348311.04	5931	127476.27	159250.32	131493.01	644117	3835519.51	4484787.35	3479804.05
6	CHANDIGARH	52	1164.19	1889.14	1886.5	0	0	0		52	1164.19	1889.14	1886.5
7	CHHATISGARH	286249	609186.38	746835.69	718883.22	29190	206325.67	146588.63	136153.75	315439	815512.05	893424.32	855036.97
8	DELHI	7505	16112.15	28675.71	22523.37	0	0	0		7505	16112.15	28675.71	22523.37
9	GOA	4616	3296.44	3150.01	3114.11	2938	4899.8	4324.55	4271.8	7554	8196.24	7474.56	7385.91
10	GUJARAT	1265782	3557961	5218581.33	3607085.19	45459	225872.07	229924.68	200689.81	1311241	3783833.07	5448506.01	3807775
11	HARYANA	350274	1707338.21	3289225.99	3284564.05	590	1867.5	3134	3133	350864	1709205.71	3292359.99	3287697.05
12	HIMACHAL PRADESH	8217	36438.4	54138.16	46443.92	12454	101617.86	150811.34	137910.77	20671	138056.26	204949.5	184354.69
13	JAMMU & KASHMIR	8320	7735.99	13538.25	13388.19	2956	143809.26	167935.35	161566.45	11276	151545.25	181473.6	174954.64
14	JHARKHAND	126462	239873.17	200353.77	168939.19	51163	183992.72	156523.32	131921.07	177625	423865.89	356877.09	300860.26
15	KARNATAKA	1192033	2356227.16	2547979	2424712.72	135372	591093.36	565192.02	536780.08	1327405	2947320.52	3113171.02	2961492.8
16	KERALA	82286	59926.24	46709.91	44433.02	20934	168996.73	197994.71	181438.58	103220	228922.97	244704.62	225871.6
17	MADHYA PRADESH	1950097	8615181.18	7141489.23	6054435.83	118261	1625145.05	1402413.1	1218991.42	2068358	10240326.23	8543902.33	7273427.25
18	MAHARASHTRA	2620753	5050154.71	5467216.75	4980093.1	281713	1394459.43	1574333.4	1274365.33	2902466	6444614.14	7041550.15	6254458.43
19	MANIPUR	0	0	0		698	20125	21735	18436	698	20125	21735	18436
20	MEGHALAYA	1230	19304.03	14916.45	13398.45	7443	104764.61	119009.99	104250.66	8673	124068.64	133926.44	117649.11
21	MIZORAM	0	0	0		4218	20615.39	26752.04	16062.3	4218	20615.39	26752.04	16062.3
22	NAGALAND	39	260	131	99.9	15384	78637.62	71004.56	50013.66	15423	78897.62	71135.56	50113.56
23	ODISHA	342070	346110.72	445874.98	265358.22	76079	659349.68	738093.3	498640.18	418149	1005460.4	1183968.28	763998.4
24	PUDUCHERRY	3587	4988.6	8518.54	8516.84	598	9177.34	8149.16	8149.16	4185	14165.94	16667.7	16666
25	PUNJAB	1118736	4028826.38	7621178.21	6237826.17	2196	13481.65	23721.9	23412.5	1120932	4042308.03	7644900.11	6261238.67
26	RAJASTHAN	1397493	6178807.05	7080835.12	6379398.43	21079	209782.91	214781.29	188058.36	1418572	6388589.96	7295616.41	6567456.79
27	SIKKIM	0	0	0		1160	14111.69	16949.53	13596.27	1160	14111.69	16949.53	13596.27
28	TAMIL NADU	1834736	3688517.57	4245631.7	3281146.87	41000	478207.51	577218.81	460456.26	1875736	4166725.08	4822850.51	3741603.13
29	TELANGANA	1355093	1509883.93	2073753.04	1773618.26	44269	459390.63	593058.1	416364.44	1399362	1969274.56	2666811.14	2189982.7
30	TRIPURA	2732	9279.21	17014.52	14095.88	2144	60986.27	115624.16	95108.53	4876	70265.48	132638.68	109204.41
31	UTTARAKHAND	54036	221209.12	371976.02	355489.98	26023	202218.92	319880.9	294606.8	80059	423428.04	691856.92	650096.78
32	UTTAR PRADESH	3737641	20518911.3	22546526.28	16705864.73	21337	115313.55	122757.5	90919.09	3758978	20634224.85	22669283.78	16796783.82
33	WEST BENGAL	416887	1507829.06	2109610.28	1694551.04	63052	616543.02	723852.37	560080.79	479939	2124372.08	2833462.65	2254631.83
Total		19767589	65554127.45	77645356.2	63045964.17	1098626	8942174.42	9689905.92	7777916.34	20866215	74496301.87	87335262.12	70823880.51

MINOR IRRIGATION CENSUS (2013-14)

Table. III MINOR IRRIGATION SCHEMES TEMPORARY NOT IN USE, CCA AND IRRIGATION POTENTIAL

(Area in ha.)

Sl. No.	State	Ground Water				Surface Water				Total			
		Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU	Temp. not in Use (Nos)	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	10	9.55	7.51	2.51	5	6.8	5.3	1.4	15	16.35	12.81	3.91
2	ANDHRA PRADESH	60139	61877.06	85501.39	11660.24	10736	135130.33	157462.62	9642.97	70875	197007.39	242964.01	21303.21
3	ARUNACHAL PRADESH	3	30	16	7	959	27488.3	40482.1	36172.2	962	27518.3	40498.1	36179.2
4	ASSAM	8496	27109.88	27937.18	1576.67	571	22125.84	16526.2	2244.41	9067	49235.72	44463.38	3821.08
5	BIHAR	5009	66887.03	37783.83	30084.99	534	8193.24	10152.84	8209.71	5543	75080.27	47936.67	38294.7
6	CHANDIGARH	0	0	0		0	0	0		0	0	0	0
7	CHHATISGARH	153	227.15	325.13	304.76	102	767.19	607.12	598.62	255	994.34	932.25	903.38
8	DELHI	1	0	0	0	0	0	0		1	0	0	0
9	GOA	84	33	31.54	9.99	12	9.38	8.38	0.3	96	42.38	39.92	10.29
10	GUJARAT	12289	31175.83	47607.24	16417.33	2296	13610.5	13571.7	4059.2	14585	44786.33	61178.94	20476.53
11	HARYANA	37	246	322	321	1	1	0	0	38	247	322	321
12	HIMACHAL PRADESH	8	1.27	1.54	0.54	39	294.42	65.6	46.06	47	295.69	67.14	46.6
13	JAMMU & KASHMIR	5	6.42	12.84	12.04	18	239.97	260.85	198.99	23	246.39	273.69	211.03
14	JHARKHAND	59038	105644.58	4090.85	3324.79	14411	45846.36	4224.35	2346.11	73449	151490.94	8315.2	5670.9
15	KARNATAKA	13787	25600.72	24640.96	20084.9	830	10500.17	6819.19	4900.97	14617	36100.89	31460.15	24985.87
16	KERALA	132	66.63	63.12	55	189	2957.43	2862.51	2420.59	321	3024.06	2925.63	2475.59
17	MADHYA PRADESH	4343	16685.59	11962.35	8902.66	673	11270.33	8823.34	7667.4	5016	27955.92	20785.69	16570.06
18	MAHARASHTRA	14425	25159.04	22435.19	15899.15	1004	4026.03	4045.24	2535.82	15429	29185.07	26480.43	18434.97
19	MANIPUR	0	0	0		41	1859	20	18	41	1859	20	18
20	MEGHALAYA	4	224	165	147	109	3484.6	4194	1410.8	113	3708.6	4359	1557.8
21	MIZORAM	0	0	0		45	1156.9	1174.9	0	45	1156.9	1174.9	0
22	NAGALAND	1	7	7	0	1664	7801.2	6884.82	859.2	1665	7808.2	6891.82	859.2
23	ODISHA	44361	55879.09	71608.66	4572.35	4611	54767.08	64313.12	8234.77	48972	110646.17	135921.78	12807.12
24	PUDUCHERRY	56	55.61	52.81	45.87	63	117.27	24.46	24.46	119	172.88	77.27	70.33
25	PUNJAB	4	47.37	2.5	0	0	0	0		4	47.37	2.5	0
26	RAJASTHAN	29076	73186.25	79765.64	6226.64	362	20601.47	26542.78	0	29438	93787.72	106308.42	6226.64
27	SIKKIM	0	0	0		374	4112.9	4804.88	3298.46	374	4112.9	4804.88	3298.46
28	TAMIL NADU	125112	235826.99	278582.72	106802.04	3256	57684	75086.22	7667.96	128368	293510.99	353668.94	114470
29	TELANGANA	71944	69621.33	81182.58	11138.33	17011	176928.53	189635.83	5804.15	88955	246549.86	270818.41	16942.48
30	TRIPURA	112	274.45	337.3	220.39	27	784	889.2	311.8	139	1058.45	1226.5	532.19
31	UTTARAKHAND	21	132.1	157.4	111.9	7780	37234.87	56619.75	33387.86	7801	37366.97	56777.15	33499.76
32	UTTAR PRADESH	37934	87587.68	110930.12	85226.83	1097	3621.99	4152.9	2761.44	39031	91209.67	115083.02	87988.27
33	WEST BENGAL	4357	21173.4	16941.86	9975.68	2561	40096	28661.33	17894.41	6918	61269.4	45603.19	27870.09
Total :		490941	904775.02	902472.26	333130.6	71381	692717.1	728921.53	162718.06	562322	1597492.12	1631393.79	495848.66

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in Ha.)

Sl.No	State	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	3	0.7	1	3	3.91	2.8	6	4.61	3.8
2	ANDHRA PRADESH	84511	62159.97	81354.77	3169	36864.59	43962.31	87680	99024.56	125317.08
3	ARUNACHAL PRADESH	4	40	14	177	8183	4158.5	181	8223	4172.5
4	ASSAM	2067	5869.34	3234.41	50	1698.73	873.47	2117	7568.07	4107.88
5	BIHAR	302	1767.11	1513.69	30	85.15	84.65	332	1852.26	1598.34
6	CHANDIGARH	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	14	40.07	44.04	0	0	0	14	40.07	44.04
8	DELHI	0	0	0	0	0	0	0	0	0
9	GOA	70	35.48	26.14	35	39.23	2.43	105	74.71	28.57
10	GUJARAT	3921	10720.98	12217.6	479	8007.11	1141.8	4400	18728.09	13359.4
11	HARYANA	0	0	0	7	17	24	7	17	24
12	HIMACHAL PRADESH	7	145	90	49	164.11	123.81	56	309.11	213.81
13	JAMMU & KASHMIR	7	6.43	9.35	7	81.57	92.18	14	88	101.53
14	JHARKHAND	77	133.59	105.43	73	2151.98	144.6	150	2285.57	250.03
15	KARNATAKA	10180	13369.63	7844.03	1687	20928.46	1223.14	11867	34298.09	9067.17
16	KERALA	50	55.24	47.02	66	722.88	622.6	116	778.12	669.62
17	MADHYA PRADESH	8598	12544.96	3537.25	257	1898.53	1068	8855	14443.49	4605.25

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in Ha.)

Sl.No	State	Ground Water			Surface Water			Total		
		Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Permanently Not in Use (Nos)	CCA	Potential Created but lost	Schemes Not in Use (Nos)	CCA	Potential Created but lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
18	MAHARASHTRA	2816	3282.88	2310.77	163	933.24	954.47	2979	4216.12	3265.24
19	MANIPUR	0	0	0	127	3704	264	127	3704	264
20	MEGHALAYA	4	148	237	448	5798.6	7310.6	452	5946.6	7547.6
21	MIZORAM	0	0	0	18	435	506	18	435	506
22	NAGALAND	0	0	0	18	57.7	7	18	57.7	7
23	ODISHA	22609	27111.62	32668.06	1664	19988.53	20183.78	24273	47100.15	52851.84
24	PUDUCHERRY	171	193.88	66	23	31.82	2.09	194	225.7	68.09
25	PUNJAB	27	25.14	0	0	0	0	27	25.14	0
26	RAJASTHAN	22964	60528.64	62917.04	94	4448.9	5108.74	23058	64977.54	68025.78
27	SIKKIM	0	0	0	215	2193.37	1820.09	215	2193.37	1820.09
28	TAMIL NADU	65718	103573.66	104527.89	2695	26925.66	24953.22	68413	130499.32	129481.11
29	TELANGANA	29118	26392.99	29979.61	4857	38467.09	46836.7	33975	64860.08	76816.31
30	TRIPURA	37	117.77	134.85	21	732	1184.5	58	849.77	1319.35
31	UTTARAKHAND	63	273.36	272.89	3595	13587.25	18956.57	3658	13860.61	19229.46
32	UTTAR PRADESH	2767	4350.63	2651.39	510	4128.04	655.06	3277	8478.67	3306.45
33	WEST BENGAL	7249	24181.47	19421.08	1705	8451.7	9273.75	8954	32633.17	28694.83
Total :		263354	357068.54	365225.31	22242	210729.15	191540.86	285596	567797.69	556766.17

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl. No.	State	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost							Total No. of Minor Irrigation Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ANDAMAN & NICOBARS	39	214	403	701	0	0	1357	62	248	461	581	1	0	1353	101	462	864	1282	1	0	2710
2	ANDHRA PRADESH	119755	669262	144558	50378	3707	525	988185	23466	20360	8601	11766	1190	788	66171	143221	689622	153159	62144	4897	1313	1054356
3	ARUNACHAL PRADESH	0	0	0	2	7	54	63	46	142	215	2457	1163	693	4716	46	142	215	2459	1170	747	4779
4	ASSAM	119154	7606	573	199	370	203	128105	7126	706	15	162	72	334	8415	126280	8312	588	361	442	537	136520
5	BIHAR	242792	355826	23783	17613	979	2504	643497	3408	1576	602	796	97	16	6495	246200	357402	24385	18409	1076	2520	649992
6	CHANDIGARH	1	12	8	4	24	3	52	0	0	0	0	0	0	0	1	12	8	4	24	3	52
7	CHHATISGARH	19251	208389	51468	5791	980	537	286416	20430	6817	806	916	166	157	29292	39681	215206	52274	6707	1146	694	315708
8	DELHI	1192	4162	1353	794	3	2	7506	0	0	0	0	0	0	0	1192	4162	1353	794	3	2	7506
9	GOA	696	3404	643	27	0	0	4770	1014	1775	184	11	1	0	2985	1710	5179	827	38	1	0	7755
10	GUJARAT	241987	133764	136264	728523	36951	4503	1281992	1967	2487	4298	27038	10052	2392	48234	243954	136251	140562	755561	47003	6895	1330226
11	HARYANA	19801	51969	65454	174995	14663	23429	350311	220	29	159	64	65	61	598	20021	51998	65613	175059	14728	23490	350909
12	HIMACHAL PRADESH	273	2742	1626	2799	261	531	8232	7953	1287	1393	1378	295	236	12542	8226	4029	3019	4177	556	767	20774
13	JAMMU & KASHMIR	550	4998	2618	158	3	5	8332	1737	765	127	207	92	53	2981	2287	5763	2745	365	95	58	11313
14	JHARKHAND	14142	45988	38572	75965	3660	7250	185577	6289	10990	13556	28958	2931	2923	65647	20431	56978	52128	104923	6591	10173	251224
15	KARNATAKA	39590	626481	356215	150378	23218	20118	1216000	34351	39974	25647	26827	7503	3587	137889	73941	666455	381862	177205	30721	23705	1353889
16	KERALA	12863	57273	10229	1967	84	52	82468	7423	7058	2238	2778	813	879	21189	20286	64331	12467	4745	897	931	103657
17	MADHYA PRADESH	62512	737746	770816	365598	16892	9474	1963038	75475	21007	11903	8601	958	1247	119191	137987	758753	782719	374199	17850	10721	2082229
18	MAHARASHTRA	2024252	303610	240253	50086	10869	8924	2637994	271901	5164	2756	1984	436	639	282880	2296153	308774	243009	52070	11305	9563	2920874
19	MANIPUR	0	0	0	0	0	0	0	50	0	0	63	389	364	866	50	0	0	63	389	364	866
20	MEGHALAYA	82	1010	73	71	1	1	1238	3243	2637	816	791	216	297	8000	3325	3647	889	862	217	298	9238
21	MIZORAM	0	0	0	0	0	0	0	2697	1019	101	28	17	419	4281	2697	1019	101	28	17	419	4281
22	NAGALAND	0	36	4	0	0	0	40	3716	5926	2641	2903	1030	850	17066	3716	5962	2645	2903	1030	850	17106
23	ODISHA	126883	261571	13270	6568	368	380	409040	31418	20549	10925	16058	2286	1118	82354	158301	282120	24195	22626	2654	1498	491394
24	PUDUCHERRY	89	902	1874	932	11	6	3814	359	89	92	142	1	1	684	448	991	1966	1074	12	7	4498
25	PUNJAB	74321	516691	411287	92840	14500	9128	1118767	1130	912	83	62	4	5	2196	75451	517603	411370	92902	14504	9133	1120963
26	RAJASTHAN	37694	437631	498687	465017	10183	321	1449533	7641	2691	8368	2272	208	355	21535	45335	440322	507055	467289	10391	676	1471068
27	SIKKIM	0	0	0	0	0	0	0	50	177	324	856	82	260	1749	50	177	324	856	82	260	1749
28	TAMIL NADU	140170	811268	666544	357953	29738	19893	2025566	27005	11594	3970	3530	377	475	46951	167175	822862	670514	361483	30115	20368	2072517

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl. No.	State	No. of Ground Water Schemes Cost							No. of Surface Water Schemes Cost							Total No. of Minor Irrigation Schemes Cost						
		<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (3 to 8)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (10 to 15)	<Rs.10000	Rs.10000 to 50000	Rs.50000 to 1 lakh	Rs.1 lakh to 5 lakhs	Rs.5 lakh to 10 lakhs	>=Rs. 10 lakhs	Total (17 to 22)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
29	TELANGANA	51618	1101239	238588	60559	3191	960	1456155	24833	26427	9907	4156	485	329	66137	76451	1127666	248495	64715	3676	1289	1522292
30	TRIPURA	43	524	489	1622	3	200	2881	395	187	38	151	97	1324	2192	438	711	527	1773	100	1524	5073
31	UTTARAKHAND	3353	42647	3651	3588	203	678	54120	3774	5560	7037	14865	4011	2151	37398	7127	48207	10688	18453	4214	2829	91518
32	UTTAR PRADESH	874619	2236122	294581	321690	21827	29503	3778342	11852	6240	901	1844	660	1447	22944	886471	2242362	295482	323534	22487	30950	3801286
33	WEST BENGAL	211177	139420	31100	23477	11055	12264	428493	27564	17611	6630	9217	2599	3697	67318	238741	157031	37730	32694	13654	15961	495811
Total :		4438899	8762507	4004984	2960295	203751	151448	20521884	608595	222004	124794	171462	38297	27097	1192249	5047494	8984511	4129778	3131757	242048	178545	21714133

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in ha.)

Sl.No.	State	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11	Kharif	Rabi	Perennial	Others	Total (13 to 16
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	507.63	659.94	7.83	0.6	1176	566.19	738.46	9.33	1.1	1315.08	1073.82	1398.4	17.16	1.7	2491.08
2	ANDHRA PRADESH	646065.94	531441.08	219016.53	2471.29	1398994.84	435478.48	184404.43	5116.12	3.37	625002.4	1081544.42	715845.51	224132.65	2474.66	2023997.24
3	ARUNACHAL PRADESH	118	65	0	0	183	79052.92	46098.09	213.75	3675.3	129040.06	79170.92	46163.09	213.75	3675.3	129223.06
4	ASSAM	116193.01	89732.78	1938.96	2813.78	210678.53	88739.28	24367.48	4.3	638.65	113749.71	204932.29	114100.26	1943.26	3452.43	324428.24
5	BIHAR	1446924.89	1222493.36	347507.8	361469.98	3378396.03	52829.17	46545.5	21748.5	18579.55	139702.72	1499754.06	1269038.86	369256.3	380049.53	3518098.75
6	CHANDIGARH	943.25	943.25	0	0	1886.5					0	943.25	943.25	0	0	1886.5
7	CHHATISGARH	398541.59	313213.4	372.2	7060.79	719187.98	66683.5	70006.5	38.26	24.11	136752.37	465225.09	383219.9	410.46	7084.9	855940.35
8	DELHI	11301.18	11222.19	0	0	22523.37					0	11301.18	11222.19	0	0	22523.37
9	GOA	98.64	627.22	2212.95	185.29	3124.1	156.81	1214.58	2706.35	194.36	4272.1	255.45	1841.8	4919.3	379.65	7396.2
10	GUJARAT	1741131.7	1428364.78	175233.53	278772.51	3623502.52	192781.47	9256.36	2399.14	312.04	204749.01	1933913.17	1437621.14	177632.67	279084.55	3828251.53
11	HARYANA	1632994.8	1632602.3	13757.5	5530.45	3284885.05	1582	1548	3	0	3133	1634576.8	1634150.3	13760.5	5530.45	3288018.05
12	HIMACHAL PRADESH	20865.54	25055.01	204.54	319.37	46444.46	72496.44	64745.44	387.12	327.83	137956.83	93361.98	89800.45	591.66	647.2	184401.29
13	JAMMU & KASHMIR	7271.79	6018.72	61.52	48.2	13400.23	123577.91	37430.7	742.09	14.74	161765.44	130849.7	43449.42	803.61	62.94	175165.67
14	JHARKHAND	103673.27	56590.91	5514.59	6485.21	172263.98	88287.52	39968.36	2151.77	3859.53	134267.18	191960.79	96559.27	7666.36	10344.74	306531.16
15	KARNATAKA	1294333.98	553464.54	376476.91	220522.19	2444797.62	310171.58	100270.54	91808.78	39430.15	541681.05	1604505.56	653735.08	468285.69	259952.34	2986478.67
16	KERALA	5948.01	6948.02	27496.53	4095.46	44488.02	44571.45	63177.31	54644.71	21465.7	183859.17	50519.46	70125.33	82141.24	25561.16	228347.19
17	MADHYA PRADESH	771845.09	5241066.25	39938.07	10489.08	6063338.49	143836.1	1080353.93	1538.57	930.22	1226658.82	915681.19	6321420.18	41476.64	11419.3	7289997.31
18	MAHARASHTRA	2906926.02	1439788.02	461654.69	187623.52	4995992.25	657813.73	391841.64	184085.1	43166.68	1276907.15	3564739.75	1831629.66	645739.79	230790.2	6272899.4
19	MANIPUR					0	17484	970	0	0	18454	17484	970	0	0	18454
20	MEGHALAYA	10220.4	2783.2	16.25	525.6	13545.45	83375.6	13762.52	7434.19	1089.15	105661.46	93596	16545.72	7450.44	1614.75	119206.91
21	MIZORAM					0	12562.23	2991.77	90.8	417.5	16062.3	12562.23	2991.77	90.8	417.5	16062.3
22	NAGALAND	82	17.9	0	0	99.9	43082.97	6912.2	539.9	337.79	50872.86	43164.97	6930.1	539.9	337.79	50972.76
23	ODISHA	145707.74	119115.8	4691.63	415.4	269930.57	396173.6	109024.73	1541.82	134.8	506874.95	541881.34	228140.53	6233.45	550.2	776805.52
24	PUDUCHERRY	3798.75	3696.97	489.25	577.74	8562.71	51.77	7725.8	101.01	295.04	8173.62	3850.52	11422.77	590.26	872.78	16736.33
25	PUNJAB	3224242.61	2936676.69	52622.24	24284.63	6237826.17	11242.72	11371.35	715.64	82.79	23412.5	3235485.33	2948048.04	53337.88	24367.42	6261238.67
26	RAJASTHAN	946590.66	5297450.17	17243.79	124340.45	6385625.07	1354.69	185618.58	0	1085.09	188058.36	947945.35	5483068.75	17243.79	125425.54	6573683.43
27	SIKKIM					0	9003.82	3825.54	1626.08	2439.31	16894.75	9003.82	3825.54	1626.08	2439.31	16894.75
28	TAMIL NADU	1691576.34	1177752.13	436801.2	81819.24	3387948.91	208898.43	232310.54	20129.81	6785.44	468124.22	1900474.77	1410062.67	456931.01	88604.68	3856073.13
29	TELANGANA	1012280.65	717845.66	43131.37	11498.91	1784756.59	309616.67	107923.15	2175.28	2453.49	422168.59	1321897.32	825768.81	45306.65	13952.4	2206925.18
30	TRIPURA	6683.25	6212.09	5.96	1414.97	14316.27	44362.43	40403.59	56	10598.31	95420.33	51045.68	46615.68	61.96	12013.28	109736.6
31	UTTARAKHAND	154838.79	161704.61	19642	19416.48	355601.88	153469.51	141938.91	7783.62	24802.62	327994.66	308308.3	303643.52	27425.62	44219.1	683596.54
32	UTTAR PRADESH	5838896.97	6191074.48	2521610.29	2239509.82	16791091.56	35411.96	44227.67	7258.3	6782.6	93680.53	5874308.93	6235302.15	2528868.59	2246292.42	16884772.09
33	WEST BENGAL	843433.18	665093.04	33527.51	162472.99	1704526.72	256414.7	240339.96	17565.26	63655.28	577975.2	1099847.88	905433	51092.77	226128.27	2282501.92
Total :		24984035.67	29839719.51	4801175.64	3754163.95	63379094.77	3941129.65	3311313.63	434614.6	253582.54	7940640.42	28925165.32	33151033.14	5235790.24	4007746.49	71319735.19

MINOR IRRIGATION CENSUS(2013-14)
Table. VII SEASON WISE AREA IRRIGATED AS SUPPLEMENTARY SOURCE BY MINOR IRRIGATION SCHEMES

(Area in ha.)

Sl. No.	State	Area Irrigated by Ground Water Scheme					Area Irrigated by Surface Water Schemes					Area Irrigated by Total Minor Irrigation Schemes				
		Kharif	Rabi	Perennial	Other	Total (3 to 6)	Kharif	Rabi	Perennial	others	Total (8 to 11)	Kharif	Rabi	Perennial	Others	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0	0	0.1
2	ANDHRA PRADESH	85726.88	85753.59	12504.34	928.47	184913.28	73481.25	43450.05	1356.44	0	118287.74	159208.13	129203.64	13860.78	928.47	303201.02
3	ARUNACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ASSAM	54.45	14.6	0.1	0	69.15	1139.79	366.95	0	0	1506.74	1194.24	381.55	0.1	0	1575.89
5	BIHAR	8808.82	7161.53	1507.83	1357.26	18835.44	770.82	464.14	179.5	161.64	1576.1	9579.64	7625.67	1687.33	1518.9	20411.54
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	5552	945.06	1	2838.43	9336.49	1505.75	1291.29	0	0	2797.04	7057.75	2236.35	1	2838.43	12133.53
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	0	3.62	5.6	1.05	10.27	9.46	82.2	32.41	37	161.07	9.46	85.82	38.01	38.05	171.34
10	GUJARAT	110883.95	114174.48	28831.33	6316.45	260206.21	2078.2	1379.05	2382.93	5.56	5845.74	112962.15	115553.53	31214.26	6322.01	266051.95
11	HARYANA	194646.25	193400.75	367	263	388677	6	6	0	0	12	194652.25	193406.75	367	263	388689
12	HIMACHAL PRADESH	960.97	961.33	0.7	1.05	1924.05	523.98	609.69	0	0	1133.67	1484.95	1571.02	0.7	1.05	3057.72
13	JAMMU & KASHMIR	51.61	51	0	0	102.61	3959.06	1425.18	8.28	0.25	5392.77	4010.67	1476.18	8.28	0.25	5495.38
14	JHARKHAND	1927.48	673.69	219.25	365.19	3185.61	1617.23	601.15	115.41	99.94	2433.73	3544.71	1274.84	334.66	465.13	5619.34
15	KARNATAKA	13765.17	7949.49	3715.86	2442	27872.52	16033.74	4390.53	1454.97	8411.41	30290.65	29798.91	12340.02	5170.83	10853.41	58163.17
16	KERALA	1326.61	1963.43	3191.43	347.16	6828.63	6348.92	7788.58	5658.36	3698.34	23494.2	7675.53	9752.01	8849.79	4045.5	30322.83
17	MADHYA PRADESH	45484.53	157291.33	809.91	608.8	204194.57	8194.89	39595.53	0	17.4	47807.82	53679.42	196886.86	809.91	626.2	252002.39
18	MAHARASHTRA	184112.49	117199.04	71326.32	11447.94	384085.79	158061.75	108910.12	57555.66	7793.91	332321.44	342174.24	226109.16	128881.98	19241.85	716407.23
19	MANIPUR	0	0	0	0	0	320	90	0	0	410	320	90	0	0	410
20	MEGHALAYA	130	85	0	3	218	2.01	2.01	2	2	8.02	132.01	87.01	2	5	226.02
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	ODISHA	17298.28	14609.06	580.02	20.34	32507.7	31242.77	13694.3	38.56	20.19	44995.82	48541.05	28303.36	618.58	40.53	77503.52
24	PUDUCHERRY	0	0	0	0	0	51.77	51.77	0	295.04	398.58	51.77	51.77	0	295.04	398.58
25	PUNJAB	1130983.71	841424	534.13	292.87	1973234.71	1161.19	1175.59	40.78	0.6	2378.16	1132144.9	842599.59	574.91	293.47	1975612.87
26	RAJASTHAN	20660.62	142337.35	125.63	876.69	164000.29	1.75	8228.65	0	185.67	8416.07	20662.37	150566	125.63	1062.36	172416.36
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	90677.85	73975.92	34826.9	7551	207031.67	3462.69	11352.51	2798.14	338.32	17951.66	94140.54	85328.43	37625.04	7889.32	224983.33
29	TELANGANA	124959.14	100231.19	2370.75	15.29	227576.37	57112.23	30944.78	44.81	0	88101.82	182071.37	131175.97	2415.56	15.29	315678.19
30	TRIPURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	UTTARAKHAND	2460.36	2358.64	193	469.5	5481.5	6934.23	6962.18	595	696.94	15188.35	9394.59	9320.82	788	1166.44	20669.85
32	UTTAR PRADESH	72490.9	81674	15190.01	18448.74	187803.65	1950.84	2183.69	196.55	201.21	4532.29	74441.74	83857.69	15386.56	18649.95	192335.94
33	WEST BENGAL	3832.69	4425.99	471.2	2955.66	11685.54	1814.83	2164.22	331.42	474.26	4784.73	5647.52	6590.21	802.62	3429.92	16470.27
Total :		2116794.76	1948664.19	176772.31	57549.89	4299781.15	377785.15	287210.16	72791.22	22439.68	760226.21	2494579.91	2235874.35	249563.53	79989.57	5060007.36

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl .No	State	Ground Water Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	10	750	0	568	14	1342	0	0	0	12	12	1354
2	ANDHRA PRADESH	661236	212965	2430	1492	8362	886485	5978	93	704	10413	17188	903673
3	ARUNACHAL PRADESH	55	4	0	0	0	59	0	0	0	0	0	59
4	ASSAM	1122	123854	21	1	762	125760	99	0	0	123	222	125982
5	BIHAR	40469	481469	2946	38	40346	565268	32426	1408	1603	42318	77755	643023
6	CHANDIGARH	38	14	0	0	0	52	0	0	0	0	0	52
7	CHHATISGARH	247566	24228	1743	3188	7501	284226	1249	8	2	910	2169	286395
8	DELHI	493	7006	0	0	1	7500	3	0	0	2	5	7505
9	GOA	1572	1908	0	1053	150	4683	6	0	0	11	17	4700
10	GUJARAT	1203176	57430	408	718	7868	1269600	7367	687	8	356	8418	1278018
11	HARYANA	305148	12015	78	0	31620	348861	100	3	1	1345	1449	350310
12	HIMACHAL PRADESH	5428	2143	68	70	371	8080	83	2	7	53	145	8225
13	JAMMU & KASHMIR	952	7226	2	1	142	8323	1	0	0	0	1	8324
14	JHARKHAND	7812	73634	177	61497	30263	173383	1591	51	184	10251	12077	185460
15	KARNATAKA	1057561	77092	13711	19	32197	1180580	16100	1177	272	7545	25094	1205674
16	KERALA	13905	65182	75	263	611	80036	557	0	4	1821	2382	82418
17	MADHYA PRADESH	1200102	564254	4404	286	120277	1889323	18471	823	836	44559	64689	1954012
18	MAHARASHTRA	1505891	994463	17897	1406	104413	2624070	6342	369	130	3342	10183	2634253
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	22	1068	0	49	19	1158	62	0	0	13	75	1233
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	9	26	0	0	0	35	0	0	2	3	5	40
23	ODISHA	38659	154630	5468	168583	6735	374075	1234	28	152	9843	11257	385332
24	PUDUCHERRY	3628	0	0	0	0	3628	10	0	0	0	10	3638
25	PUNJAB	909206	168643	427	1	6327	1084604	1892	205	2	32037	34136	1118740
26	RAJASTHAN	805219	576303	3167	21674	4139	1410502	4955	303	163	390	5811	1416313
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	931665	908315	22542	256	42097	1904875	30072	2555	1655	10352	44634	1949509
29	TELANGANA	1056864	278500	3228	16	11146	1349754	6899	140	79	6007	13125	1362879
30	TRIPURA	2554	164	0	124	1	2843	0	0	0	1	1	2844
31	UTTARAKHAND	6085	37108	25	0	94	43312	10728	0	2	15	10745	54057
32	UTTAR PRADESH	340466	3127689	6143	90	59567	3533955	48150	242	959	192008	241359	3775314
33	WEST BENGAL	104584	300514	449	87	2071	407705	8971	73	100	4313	13457	421162
Total :		10451497	8258597	85409	261480	517094	19574077	203346	8167	6865	378043	596421	20170498

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl .No	State	Surface Water Schemes (Surface Lift Scheme only)											
		With One lifting Device						With two lifting Device					
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (21 to 24)	Total (20 + 25)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(25)	(26)
1	ANDAMAN & NICOBARS	35	694	0	264	4	997	0	0	0	3	3	1000
2	ANDHRA PRADESH	1925	2893	100	2	133	5053	772	64	377	7557	8770	13823
3	ARUNACHAL PRADESH	3	3	0	0	0	6	0	0	0	0	0	6
4	ASSAM	130	5425	6	5	127	5693	45	0	0	249	294	5987
5	BIHAR	277	2261	8	5	212	2763	591	2	41	292	926	3689
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	7240	6597	650	91	1742	16320	142	16	8	563	729	17049
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	155	608	0	69	4	836	2	0	0	0	2	838
10	GUJARAT	1829	34015	0	0	1	35845	13	0	1	1	15	35860
11	HARYANA	80	1	2	0	8	91	2	0	0	3	5	96
12	HIMACHAL PRADESH	229	146	26	15	41	457	26	2	1	5	34	491
13	JAMMU & KASHMIR	9	141	3	1	15	169	6	0	0	0	6	175
14	JHARKHAND	436	6701	25	3627	2320	13109	148	4	20	1264	1436	14545
15	KARNATAKA	43900	19906	2518	7	1927	68258	1521	141	110	876	2648	70906
16	KERALA	1502	10948	14	221	475	13160	226	7	6	355	594	13754
17	MADHYA PRADESH	24060	24816	652	22	5484	55034	7145	64	85	1395	8689	63723
18	MAHARASHTRA	80653	99400	3084	126	5112	188375	1090	40	7	165	1302	189677
19	MANIPUR	1	140	0	0	0	141	0	0	0	0	0	141
20	MEGHALAYA	18	29	5	2	0	54	0	0	0	1	1	55
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	1	28	0	10	2	41	0	0	0	2	2	43
23	ODISHA	2979	34613	1209	4697	1198	44696	360	11	62	1007	1440	46136
24	PUDUCHERRY	0	0	0	0	0	0	0	0	0	0	0	0
25	PUNJAB	353	1586	19	0	6	1964	30	1	0	2	33	1997
26	RAJASTHAN	1346	18642	30	8	275	20301	25	2	3	7	37	20338
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	467	870	119	22	316	1794	52	3	1	13	69	1863
29	TELANGANA	12905	12390	133	2	908	26338	305	4	4	194	507	26845
30	TRIPURA	18	1825	3	0	60	1906	6	0	0	0	6	1912
31	UTTARAKHAND	98	145	4	15	289	551	4	0	0	1	5	556
32	UTTAR PRADESH	684	11796	31	10	1223	13744	221	5	21	396	643	14387
33	WEST BENGAL	11787	26230	63	135	633	38848	3783	34	46	3007	6870	45718
Total :		193120	322849	8704	9356	22515	556544	16515	400	793	17358	35066	591610

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl .No	State	Total Schemes											
		With One lifting Device						With two lifting Device					Total (8 +13)
		Submersible	Centrifugal Pump	Turbine	Manual/ Animal	Other	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	45	1444	0	832	18	2339	0	0	0	15	15	2354
2	ANDHRA PRADESH	663161	215858	2530	1494	8495	891538	6750	157	1081	17970	25958	917496
3	ARUNACHAL PRADESH	58	7	0	0	0	65	0	0	0	0	0	65
4	ASSAM	1252	129279	27	6	889	131453	144	0	0	372	516	131969
5	BIHAR	40746	483730	2954	43	40558	568031	33017	1410	1644	42610	78681	646712
6	CHANDIGARH	38	14	0	0	0	52	0	0	0	0	0	52
7	CHHATISGARH	254806	30825	2393	3279	9243	300546	1391	24	10	1473	2898	303444
8	DELHI	493	7006	0	0	1	7500	3	0	0	2	5	7505
9	GOA	1727	2516	0	1122	154	5519	8	0	0	11	19	5538
10	GUJARAT	1205005	91445	408	718	7869	1305445	7380	687	9	357	8433	1313878
11	HARYANA	305228	12016	80	0	31628	348952	102	3	1	1348	1454	350406
12	HIMACHAL PRADESH	5657	2289	94	85	412	8537	109	4	8	58	179	8716
13	JAMMU & KASHMIR	961	7367	5	2	157	8492	7	0	0	0	7	8499
14	JHARKHAND	8248	80335	202	65124	32583	186492	1739	55	204	11515	13513	200005
15	KARNATAKA	1101461	96998	16229	26	34124	1248838	17621	1318	382	8421	27742	1276580
16	KERALA	15407	76130	89	484	1086	93196	783	7	10	2176	2976	96172
17	MADHYA PRADESH	1224162	589070	5056	308	125761	1944357	25616	887	921	45954	73378	2017735
18	MAHARASHTRA	1586544	1093863	20981	1532	109525	2812445	7432	409	137	3507	11485	2823930
19	MANIPUR	1	140	0	0	0	141	0	0	0	0	0	141
20	MEGHALAYA	40	1097	5	51	19	1212	62	0	0	14	76	1288
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	10	54	0	10	2	76	0	0	2	5	7	83
23	ODISHA	41638	189243	6677	173280	7933	418771	1594	39	214	10850	12697	431468
24	PUDUCHERRY	3628	0	0	0	0	3628	10	0	0	0	10	3638
25	PUNJAB	909559	170229	446	1	6333	1086568	1922	206	2	32039	34169	1120737
26	RAJASTHAN	806565	594945	3197	21682	4414	1430803	4980	305	166	397	5848	1436651
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	932132	909185	22661	278	42413	1906669	30124	2558	1656	10365	44703	1951372
29	TELANGANA	1069769	290890	3361	18	12054	1376092	7204	144	83	6201	13632	1389724
30	TRIPURA	2572	1989	3	124	61	4749	6	0	0	1	7	4756
31	UTTARAKHAND	6183	37253	29	15	383	43863	10732	0	2	16	10750	54613
32	UTTAR PRADESH	341150	3139485	6174	100	60790	3547699	48371	247	980	192404	242002	3789701
33	WEST BENGAL	116371	326744	512	222	2704	446553	12754	107	146	7320	20327	466880
Total :		10644617	8581446	94113	270836	539609	20130621	219861	8567	7658	395401	631487	20762108

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl.No.	State	Ground Water Schemes															
		With one source of energy							With Two source of energy								Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	657	108	2	1	567	2	1337	3	0	0	0	0	0	14	17	1354
2	ANDHRA PRADESH	805005	59549	639	212	1906	20596	887907	9797	73	23	28	38	1	5806	15766	903673
3	ARUNACHAL PRADESH	57	2	0	0	0	0	59	0	0	0	0	0	0	0	0	59
4	ASSAM	823	124582	53	2	1	64	125525	167	1	0	6	3	1	279	457	125982
5	BIHAR	32488	429416	731	161	80	19950	482826	154610	466	248	1867	347	66	2593	160197	643023
6	CHANDIGARH	45	6	0	0	0	0	51	1	0	0	0	0	0	0	1	52
7	CHHATISGARH	275549	3071	31	44	4349	447	283491	1200	389	244	12	22	2	1035	2904	286395
8	DELHI	7129	346	1	0	0	1	7477	17	0	0	0	0	0	11	28	7505
9	GOA	3237	252	1	0	1053	140	4683	6	0	0	0	0	0	11	17	4700
10	GUJARAT	1242394	12212	53	4	738	1155	1256556	21061	49	4	16	10	0	322	21462	1278018
11	HARYANA	304705	20877	81	10	0	331	326004	20855	74	12	9	3	0	3353	24306	350310
12	HIMACHAL PRADESH	7291	460	0	0	70	6	7827	356	5	0	0	0	0	37	398	8225
13	JAMMU & KASHMIR	8118	73	0	0	1	4	8196	128	0	0	0	0	0	0	128	8324
14	JHARKHAND	6924	70855	47	28	62304	1542	141700	15266	36	17	58	57	2	28324	43760	185460
15	KARNATAKA	1150762	3732	245	206	269	1652	1156866	35628	1833	5399	35	13	6	5894	48808	1205674
16	KERALA	78108	671	5	10	499	132	79425	542	7	16	0	4	0	2424	2993	82418
17	MADHYA PRADESH	1746366	106297	571	259	521	2870	1856884	22440	1103	772	93	16	4	72700	97128	1954012
18	MAHARASHTRA	2506988	47669	2230	249	1665	7420	2566221	33430	3261	656	223	26	20	30416	68032	2634253
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	5	918	0	1	57	2	983	4	0	0	0	0	0	246	250	1233
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	12	19	0	0	1	0	32	0	0	1	0	1	0	6	8	40
23	ODISHA	86280	105605	159	226	173043	4361	369674	4181	70	129	143	172	4	10959	15658	385332
24	PUDUCHERRY	3635	1	0	0	0	1	3637	1	0	0	0	0	0	0	1	3638
25	PUNJAB	1007712	45301	112	52	0	136	1053313	63953	590	36	23	18	6	801	65427	1118740
26	RAJASTHAN	966671	378178	133	359	21674	747	1367762	48030	9	33	11	22	0	446	48551	1416313
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	1636152	85825	1360	325	1086	18917	1743665	88034	3914	1467	1344	334	297	110454	205844	1949509
29	TELANGANA	1219036	2876	97	208	16	13	1222246	134585	1968	876	98	24	8	3074	140633	1362879
30	TRIPURA	2695	25	0	0	124	0	2844	0	0	0	0	0	0	0	0	2844
31	UTTARAKHAND	6780	35260	6	0	3	71	42120	11923	3	0	2	1	0	8	11937	54057
32	UTTAR PRADESH	515796	2964354	1723	386	203	3040	3485502	126746	579	119	1415	1067	26	159860	289812	3775314
33	WEST BENGAL	101834	269719	195	131	987	777	373643	41888	153	60	136	92	4	5186	47519	421162
Total :		13723254	4768259	8475	2874	271217	84377	18858456	834852	14583	10112	5519	2270	447	444259	1312042	20170498

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl.No.	State	Surface Water Schemes (Surface Lift Scheme only)															
		With one source of energy							With two Source of Energy								Total (9+ 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Toatl (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	403	325	0	0	265	1	994	2	0	0	0	0	0	4	6	1000
2	ANDHRA PRADESH	4961	1172	43	0	4	62	6242	3324	10	0	0	0	0	4247	7581	13823
3	ARUNACHAL PRADESH	0	5	0	0	0	0	5	1	0	0	0	0	0	0	1	6
4	ASSAM	1601	2687	1	2	6	104	4401	87	0	0	1	1	0	1497	1586	5987
5	BIHAR	133	790	3	0	11	135	1072	1357	3	2	4	6	0	1245	2617	3689
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	10458	5623	22	12	202	150	16467	394	9	4	4	7	4	160	582	17049
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	707	53	1	0	69	8	838	0	0	0	0	0	0	0	0	838
10	GUJARAT	1258	34030	0	1	0	2	35291	567	0	0	0	1	0	1	569	35860
11	HARYANA	23	0	0	0	0	2	25	1	1	0	0	0	0	69	71	96
12	HIMACHAL PRADESH	388	13	0	0	17	26	444	17	0	0	0	0	0	30	47	491
13	JAMMU & KASHMIR	158	1	0	0	1	8	168	6	0	1	0	0	0	0	7	175
14	JHARKHAND	593	6205	8	7	3688	155	10656	758	12	3	3	9	0	3104	3889	14545
15	KARNATAKA	63465	1622	71	15	71	303	65547	4289	75	214	2	0	0	779	5359	70906
16	KERALA	11683	911	7	3	465	117	13186	116	2	5	0	1	0	444	568	13754
17	MADHYA PRADESH	47331	11070	80	103	75	323	58982	3271	83	13	31	5	2	1336	4741	63723
18	MAHARASHTRA	178490	6406	157	27	466	506	186052	1131	53	45	2	3	0	2391	3625	189677
19	MANIPUR	0	141	0	0	0	0	141	0	0	0	0	0	0	0	0	141
20	MEGHALAYA	3	49	0	0	2	0	54	0	0	0	0	0	0	1	1	55
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	3	24	0	1	12	2	42	0	0	0	0	0	0	1	1	43
23	ODISHA	8395	29631	45	23	4809	571	43474	627	15	12	78	55	0	1875	2662	46136
24	PUDUCHERRY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	PUNJAB	318	846	1	0	0	2	1167	829	0	0	0	0	0	1	830	1997

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl.No.	State	Surface Water Schemes (Surface Lift Scheme only)															
		With one source of energy							With two Source of Energy								Total (9+ 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Toatl (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
26	RAJASTHAN	834	18816	4	2	8	2	19666	642	0	0	0	0	0	30	672	20338
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	1072	408	9	0	39	266	1794	40	3	0	1	0	0	25	69	1863
29	TELANGANA	20256	321	6	3	2	1	20589	3746	24	20	1	1	0	2464	6256	26845
30	TRIPURA	1557	350	2	0	0	0	1909	3	0	0	0	0	0	0	3	1912
31	UTTARAKHAND	162	39	4	0	34	316	555	0	0	0	0	0	0	1	1	556
32	UTTAR PRADESH	768	12728	10	27	22	268	13823	276	1	2	5	2	0	278	564	14387
33	WEST BENGAL	11846	21834	28	18	232	396	34354	6521	30	16	69	62	11	4655	11364	45718
Total :		366866	156100	502	244	10500	3726	537938	28005	321	337	201	153	17	24638	53672	591610

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl.No.	State	Total Schemes															
		With one source of energy							With Two source of energy								Total (9 + 17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Other	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	1060	433	2	1	832	3	2331	5	0	0	0	0	0	18	23	2354
2	ANDHRA PRADESH	809966	60721	682	212	1910	20658	894149	13121	83	23	28	38	1	10053	23347	917496
3	ARUNACHAL PRADESH	57	7	0	0	0	0	64	1	0	0	0	0	0	0	1	65
4	ASSAM	2424	127269	54	4	7	168	129926	254	1	0	7	4	1	1776	2043	131969
5	BIHAR	32621	430206	734	161	91	20085	483898	155967	469	250	1871	353	66	3838	162814	646712
6	CHANDIGARH	45	6	0	0	0	0	51	1	0	0	0	0	0	0	1	52
7	CHHATISGARH	286007	8694	53	56	4551	597	299958	1594	398	248	16	29	6	1195	3486	303444
8	DELHI	7129	346	1	0	0	1	7477	17	0	0	0	0	0	11	28	7505
9	GOA	3944	305	2	0	1122	148	5521	6	0	0	0	0	0	11	17	5538
10	GUJARAT	1243652	46242	53	5	738	1157	1291847	21628	49	4	16	11	0	323	22031	1313878
11	HARYANA	304728	20877	81	10	0	333	326029	20856	75	12	9	3	0	3422	24377	350406
12	HIMACHAL PRADESH	7679	473	0	0	87	32	8271	373	5	0	0	0	0	67	445	8716
13	JAMMU & KASHMIR	8276	74	0	0	2	12	8364	134	0	1	0	0	0	0	135	8499
14	JHARKHAND	7517	77060	55	35	65992	1697	152356	16024	48	20	61	66	2	31428	47649	200005
15	KARNATAKA	1214227	5354	316	221	340	1955	1222413	39917	1908	5613	37	13	6	6673	54167	1276580
16	KERALA	89791	1582	12	13	964	249	92611	658	9	21	0	5	0	2868	3561	96172
17	MADHYA PRADESH	1793697	117367	651	362	596	3193	1915866	25711	1186	785	124	21	6	74036	101869	2017735
18	MAHARASHTRA	2685478	54075	2387	276	2131	7926	2752273	34561	3314	701	225	29	20	32807	71657	2823930
19	MANIPUR	0	141	0	0	0	0	141	0	0	0	0	0	0	0	0	141
20	MEGHALAYA	8	967	0	1	59	2	1037	4	0	0	0	0	0	247	251	1288
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	15	43	0	1	13	2	74	0	0	1	0	1	0	7	9	83
23	ODISHA	94675	135236	204	249	177852	4932	413148	4808	85	141	221	227	4	12834	18320	431468
24	PUDUCHERRY	3635	1	0	0	0	1	3637	1	0	0	0	0	0	0	1	3638
25	PUNJAB	1008030	46147	113	52	0	138	1054480	64782	590	36	23	18	6	802	66257	1120737
26	RAJASTHAN	967505	396994	137	361	21682	749	1387428	48672	9	33	11	22	0	476	49223	1436651
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	1637224	86233	1369	325	1125	19183	1745459	88074	3917	1467	1345	334	297	110479	205913	1951372
29	TELANGANA	1239292	3197	103	211	18	14	1242835	138331	1992	896	99	25	8	5538	146889	1389724
30	TRIPURA	4252	375	2	0	124	0	4753	3	0	0	0	0	0	0	3	4756
31	UTTARAKHAND	6942	35299	10	0	37	387	42675	11923	3	0	2	1	0	9	11938	54613
32	UTTAR PRADESH	516564	2977082	1733	413	225	3308	3499325	127022	580	121	1420	1069	26	160138	290376	3789701
33	WEST BENGAL	113680	291553	223	149	1219	1173	407997	48409	183	76	205	154	15	9841	58883	466880
Total :		14090120	4924359	8977	3118	281717	88103	19396394	862857	14904	10449	5720	2423	464	468897	1365714	20762108

MINOR IRRIGATION CENSUS(2013-14)

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

Area in ha.

Sl. No.	State	Ground Water Schemes Temporarily not in use due to																											
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of Water				Non - Availability of Finance				Lack of Maintenance				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	20	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)
1	ANDAMAN & NICOBARS	0	0	0	0	0	0	0	0	2	3	1	0	0	0	0	0	4	4	4	1	4	3	3	1	10	10	8	3
2	ANDHRA PRADESH	2151	1944	2573	1120	4101	4470	5537	1655	48533	47385	64050	7525	358	385	457	182	815	673	803	242	4181	7021	12083	935	60139	61877	85501	11660
3	ARUNACHAL PRADESH	0	0	0	0	2	20	11	5	1	10	5	2	0	0	0	0	0	0	0	0	0	0	0	0	3	30	16	7
4	ASSAM	49	371	376	14	5561	17412	18330	1234	220	786	798	9	241	485	556	16	20	31	27	0	2405	8024	7850	304	8496	27110	27937	1577
5	BIHAR	1130	29496	7293	5907	2521	27290	18876	15141	696	4758	5540	4399	186	2208	2351	1969	101	973	739	556	375	2161	2985	2113	5009	66887	37784	30085
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	81	151	242	224	12	22	31	30	25	21	17	17	10	8	9	9	6	10	14	14	19	16	12	12	153	227	325	305
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0
9	GOA	3	2	2	2	3	1	1	1	13	3	4	1	1	0	0	0	1	0	0	0	63	26	24	6	84	33	32	10
10	GUJARAT	214	916	1419	549	591	2445	3248	673	2180	5092	7846	3024	12	35	44	21	1	2	3	0	9291	22686	35048	12150	12289	31176	47607	16417
11	HARYANA	27	189	212	212	2	7	14	14	2	11	22	22	0	0	0	0	0	0	0	0	6	39	74	73	37	246	322	321
12	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	1	2	1	8	1	2	1
13	JAMMU & KASHMIR	0	0	0	0	4	6	12	12	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	5	6	13	12
14	JHARKHAND	74	1711	1672	1648	539	1050	686	380	58174	102601	1514	1141	61	70	35	21	29	52	47	33	161	160	138	102	59038	105645	4091	3325
15	KARNATAKA	1984	3613	5576	2628	1185	4328	2629	2503	7593	12436	11019	9709	189	258	185	164	218	500	612	602	2618	4467	4621	4479	13787	25601	24641	20085
16	KERALA	15	11	16	16	58	23	22	19	20	14	11	10	8	4	1	1	8	4	2	2	23	11	10	7	132	67	63	55
17	MADHYA PRADESH	586	5291	973	744	574	1045	911	764	1928	4286	4616	3356	130	197	137	99	172	368	186	120	953	5499	5140	3820	4343	16686	11962	8903
18	MAHARASHTRA	1595	2112	2097	1478	1180	2453	1614	1362	6747	11942	10356	5861	451	529	561	225	600	586	518	266	3852	7537	7289	6707	14425	25159	22435	15899
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	0	0	0	0	2	29	23	15	0	0	0	0	0	0	0	0	1	190	137	130	1	5	5	2	4	224	165	147
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7	7	0	1	7	7	0
23	ODISHA	1375	4016	5239	794	5181	12746	18279	1153	12749	14658	17636	1022	3602	4435	4926	233	8928	7869	9258	811	12526	12154	16272	558	44361	55879	71609	4572
24	PUDUCHERRY	5	6	4	4	14	15	13	13	2	0	0	0	7	4	6	4	0	0	0	0	28	31	31	25	56	56	53	46
25	PUNJAB	0	0	0	0	1	0	0	0	1	36	0	0	1	1	2	0	0	0	0	0	1	10	0	0	4	47	3	0
26	RAJASTHAN	250	705	768	33	1426	3538	3871	594	18401	42509	46088	3920	257	986	1144	85	636	1596	1824	132	8106	23852	26069	1464	29076	73186	79766	6227
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	11995	23644	27828	11588	8074	35102	51107	24091	86760	141815	164413	55370	2581	4634	6419	1392	3705	7894	8318	5223	11997	22737	20498	9138	125112	235827	278583	106802
29	TELANGANA	6718	7465	7912	1261	6747	5884	6270	994	50064	47382	55466	7942	2510	2167	2294	65	490	590	719	53	5415	6133	8522	822	71944	69621	81183	11138
30	TRIPURA	11	17	31	14	48	92	150	104	4	64	5	4	1	2	2	2	15	35	58	37	33	65	92	59	112	274	337	220
31	UTTARAKHAND	0	0	0	0	2	85	90	60	0	0	0	0	0	0	0	0	0	0	0	0	19	47	67	52	21	132	157	112
32	UTTAR PRADESH	9708	19020	23648	15666	16086	36954	52588	43923	4659	11051	12689	9384	381	2924	1346	1081	279	1139	1041	914	6821	16500	19617	14259	37934	87588	110930	85227
33	WEST BENGAL	508	2732	3054	1771	2205	12449	6495	4129	283	978	1064	535	218	1262	1676	492	85	373	427	158	1058	3379	4226	2891	4357	21173	16942	9976
Total :		38479	103415	90934	45672	56119	167466	190808	98868	299057	447841	403158	113253	11205	6065	22152	6065	16115	22889	24736	9295	69966	142569	170684	59978	490941	904775	902472	333131

MINOR IRRIGATION CENSUS(2013-14)

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

Area in ha.

Sl. No.	State	Surface Water Schemes Temporarily not in use due to																													
		Non Availability of Adequate Power				Mechanical Break Down				Less discharge of water				Siltation of Canal / Storage				Storage Not filled up fully				Channel break down				Others				Total			
		No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU	No.	CCA	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	32)	(33)	(34)
1	ANDAMAN & NICOBARS	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	3	1	0	0	0	0	0	2	3	3	1	5	7	5	1
2	ANDHRA PRADESH	119	1980	2457	892	329	5758	6297	967	3067	36637	40375	1336	476	6144	7223	2179	6165	73130	88737	2901	87	3379	3404	578	493	8102	8970	790	10736	135130	157463	9643
3	ARUNACHAL PRADESH	2	40	90	90	25	1398	2048	1915	22	1255	2053	2015	229	5667	8259	7496	11	423	587	503	488	14792	21873	19587	182	3914	5573	4567	959	27488	40482	36172
4	ASSAM	14	1871	911	683	430	13147	8741	578	12	1017	1285	0	4	108	109	6	9	217	223	0	2	7	7	4	100	5760	5250	974	571	22126	16526	2244
5	BIHAR	61	987	1091	913	267	4834	6305	5120	67	702	752	629	10	36	37	28	79	856	1116	802	31	132	131	101	19	646	721	617	534	8193	10153	8210
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	27	148	157	149	15	23	31	31	9	18	7	7	1	1	0	0	9	88	44	44	14	340	223	223	27	148	145	145	102	767	607	599
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	3	5	5	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	4	3	0	12	9	8	0
10	GUJARAT	8	58	42	14	23	130	129	11	455	2533	2521	2182	0	0	0	0	24	142	142	82	6	58	50	28	1780	10690	10687	1742	2296	13611	13572	4059
11	HARYANA	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
12	HIMACHAL PRADESH	8	18	25	25	0	0	0	0	3	3	3	0	2	79	0	0	1	0	1	0	14	141	20	4	11	52	16	16	39	294	66	46
13	JAMMU & KASHMIR	0	0	0	0	1	4	3	2	2	14	14	14	1	37	0	0	0	0	0	0	11	105	133	133	3	80	112	51	18	240	261	199
14	JHARKHAND	145	595	442	290	410	1219	729	508	13019	41166	825	441	183	571	551	400	307	1096	765	451	9	25	31	8	338	1175	882	247	14411	45846	4224	2346
15	KARNATAKA	191	2641	682	476	111	266	200	198	204	2307	1319	1001	48	372	184	86	183	2560	2896	1613	5	1185	1182	1182	88	1170	356	345	830	10500	6819	4901
16	KERALA	29	415	416	401	44	1528	1665	1543	24	163	118	114	19	232	220	98	14	122	30	24	6	87	35	18	53	409	378	222	189	2957	2863	2421
17	MADHYA PRADESH	110	1455	976	730	64	1006	673	625	309	4904	4511	4256	15	278	263	244	71	1299	1012	573	9	67	62	56	95	2261	1327	1183	673	11270	8823	7667
18	MAHARASHTRA	320	886	895	485	109	899	952	687	67	347	263	181	271	688	750	345	36	58	57	49	28	379	385	300	173	770	744	489	1004	4026	4045	2536
19	MANIPUR	0	0	0	0	0	0	0	0	35	1666	20	18	0	0	0	0	1	35	0	0	5	158	0	0	0	0	0	0	41	1859	20	18
20	MEGHALAYA	0	0	0	0	1	7	9	0	9	221	128	84	4	195	184	163	33	478	586	21	17	1772	2269	1030	45	812	1018	113	109	3485	4194	1411
21	MIZORAM	0	0	0	0	4	81	92	0	1	30	30	0	1	70	80	0	0	0	0	0	22	824	812	0	17	152	162	0	45	1157	1175	0
22	NAGALAND	7	37	22	8	21	64	46	17	277	1793	1418	249	168	810	767	179	34	130	108	1	776	3188	2956	255	381	1779	1568	150	1664	7801	6885	859
23	ODISHA	386	5236	5692	1129	1082	15271	20132	2736	800	8256	8615	1033	426	4394	5113	456	392	5289	5721	381	160	2428	2918	258	1365	13894	16122	2242	4611	54767	64313	8235
24	PUDUCHERRY	9	19	15	15	53	70	9	9	0	0	0	0	0	0	0	0	1	28	0	0	0	0	0	0	0	0	0	0	63	117	24	24
25	PUNJAB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	RAJASTHAN	0	0	0	0	0	0	0	0	9	261	320	0	0	0	0	0	338	19123	24152	0	0	0	0	0	15	1218	2071	0	362	20601	26543	0
27	SIKKIM	0	0	0	0	0	0	0	0	24	275	319	220	12	91	106	78	1	4	5	3	223	2527	2992	2091	114	1215	1384	907	374	4113	4805	3298
28	TAMIL NADU	413	3249	4282	1004	223	2422	1624	449	621	8342	11317	1201	19	513	633	57	1014	19611	26041	3626	13	131	102	10	953	23416	31087	1320	3256	57684	75086	7668
29	TELANGANA	1044	10508	11012	785	367	1352	1495	4	3780	46951	52795	1061	375	677	982	1	6996	81045	93771	701	120	707	859	4	4329	35687	28722	3248	17011	176929	189636	5804
30	TRIPURA	4	86	63	52	0	0	0	0	4	123	187	68	2	65	158	0	0	0	0	0	0	0	0	0	17	510	481	192	27	784	889	312
31	UTTARAKHAND	121	472	787	223	70	316	549	159	271	925	1403	763	133	492	635	301	162	393	560	318	4539	25267	39525	24631	2484	9370	13162	6993	7780	37235	56620	33388
32	UTTAR PRADESH	63	227	216	163	100	426	461	392	259	974	1106	762	8	36	19	16	596	1709	2250	1363	2	6	6	5	69	244	95	59	1097	3622	4153	2761
33	WEST BENGAL	545	13655	16989	10607	1440	19703	5874	3515	158	1190	1135	792	26	353	316	228	71	794	677	293	9	212	269	96	312	4189	3401	2364	2561	40096	28661	17894
Total :		3630	44589	47266	19135	5191	69926	58064	19466	23511	162072	132839	18427	2433	21908	26589	12360	16549	208633	249480	13750	6596	57917	80246	50602	13471	127671	134438	28978	71381	692717	728922	162718

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in Ha)

SN	State	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	0	0	0	0	1	0.4	1	0.4	0	0	0	0	1	0.2	3	1
2	ANDHRA PRADESH	2920	2485.09	59757	55570.14	14318	15427.8	574	470.59	457	452.37	979	896.71	5506	6052.07	84511	81354.77
3	ARUNACHAL PRADESH	0	0	1	3	2	8	0	0	0	0	0	0	1	3	4	14
4	ASSAM	22	11.6	419	355.87	753	439.96	24	20.75	4	8.8	63	157.29	782	2240.14	2067	3234.41
5	BIHAR	37	188.5	100	591.74	63	326.86	6	10	10	33	7	17.75	79	345.84	302	1513.69
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	1	2	3	7.6	4	31.09	0	0	0	0	0	0	6	3.35	14	44.04
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	1	0.83	6	0.37	7	0.69	7	8.33	0	0	0	0	49	15.92	70	26.14
10	GUJARAT	69	235.01	1472	5135.13	61	94.25	103	93.92	19	24.89	22	11.3	2175	6623.1	3921	12217.6
11	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	HIMACHAL PRADESH	0	0	2	36	0	0	0	0	0	0	0	0	5	54	7	90
13	JAMMU & KASHMIR	0	0	0	0	2	0	0	0	2	5.56	0	0	3	3.79	7	9.35
14	JHARKHAND	2	5.67	22	44.65	5	15.41	1	0.35	0	0	0	0	47	39.35	77	105.43
15	KARNATAKA	2054	2087.13	3605	2294.94	455	352.24	26	6.07	96	68.9	15	9.33	3929	3025.42	10180	7844.03
16	KERALA	4	1.33	6	0.84	19	37.21	0	0	1	0.32	1	2.5	19	4.82	50	47.02
17	MADHYA PRADESH	177	107.3	2573	1686.25	775	470.03	45	615.27	115	33.29	2426	277.03	2487	348.08	8598	3537.25
18	MAHARASHTRA	244	225.17	1425	998.76	368	370.05	74	67.69	17	11.38	134	146.53	554	491.19	2816	2310.77
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	0	0	1	25	3	212	0	0	0	0	0	0	0	0	4	237
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	ODISHA	295	943.91	3872	5989.13	12664	16037.14	285	267.58	889	831.41	313	312.85	4291	8286.04	22609	32668.06
24	PUDUCHERRY	14	1.92	13	3.32	47	19.3	4	1.6	0	0	6	6.48	87	33.38	171	66
25	PUNJAB	1	0	9	0	4	0	0	0	0	0	0	0	13	0	27	0

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in Ha)

SN	State	Ground Water Schemes Permanently not in use															
		Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
26	RAJASTHAN	849	3634.15	16981	46529.35	2164	6285.41	0	0	37	60.56	361	904.84	2572	5502.73	22964	62917.04
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	9281	19289.36	29721	44769.03	17040	24011.19	406	1173.44	492	844.23	355	805.34	8423	13635.3	65718	104527.89
29	TELANGANA	1181	1324.23	20088	19781.13	6534	7228.84	210	258.01	159	175.32	237	300.21	709	911.87	29118	29979.61
30	TRIPURA	1	2.5	12	60.8	11	10	1	1.8	1	2	1	46	10	11.75	37	134.85
31	UTTARAKHAND	3	9.8	11	144.6	19	93.29	2	6.3	1	3.4	0	0	27	15.5	63	272.89
32	UTTAR PRADESH	172	105.2	543	775.87	1181	1106.2	19	38	9	10.38	3	2	840	613.74	2767	2651.39
33	WEST BENGAL	78	378.92	228	1697.37	5630	14349.37	27	64.34	12	66.95	17	149.56	1257	2714.57	7249	19421.08
Total		17406	31039.62	140870	186500.89	62130	86926.73	1815	3104.44	2321	2632.76	4940	4045.72	33872	50975.15	263354	365225.31

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in Ha)

Sl.No	State	Surface Water Schemes Permanently not in use due to											
		Salinity		Dried up		Destroyed beyond repair		Due to Sinking		Other reason		Total	
		No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost	No.	Potential Created but Lost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	0	0	1	2	0	0	0	0	2	0.8	3	2.8
2	ANDHRA PRADESH	13	93.34	2166	28378.06	423	8785.75	40	603.63	527	6101.53	3169	43962.31
3	ARUNACHAL PRADESH	0	0	22	346	112	2720.5	32	737	11	355	177	4158.5
4	ASSAM	1	0	6	2	6	290	1	2.27	36	579.2	50	873.47
5	BIHAR	1	3	4	16.67	5	18	10	24	10	22.98	30	84.65
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	0	0	0	0	0	0	0	0	0	0	0	0
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	1	0	4	0	1	0	1	0	28	2.43	35	2.43
10	GUJARAT	30	167.9	35	296.4	12	72	21	133	381	472.5	479	1141.8
11	HARYANA	1	8	0	0	0	0	0	0	6	16	7	24
12	HIMACHAL PRADESH	9	36	28	85.05	6	0	3	1.26	3	1.5	49	123.81
13	JAMMU & KASHMIR	0	0	1	30.3	4	52.02	0	0	2	9.86	7	92.18
14	JHARKHAND	6	30.43	40	70.49	2	1.3	7	27.5	18	14.88	73	144.6
15	KARNATAKA	29	60.29	595	509.25	124	30.84	23	196.25	916	426.51	1687	1223.14
16	KERALA	8	2.47	10	29.6	24	311.4	0	0	24	279.13	66	622.6
17	MADHYA PRADESH	22	221.61	43	315.56	39	157.01	7	9.3	146	364.52	257	1068
18	MAHARASHTRA	13	42.85	70	127.72	21	83.13	4	22.3	55	678.47	163	954.47
19	MANIPUR	0	0	25	25	89	154	6	67	7	18	127	264
20	MEGHALAYA	0	0	19	555	371	6113	6	75.2	52	567.4	448	7310.6
21	MIZORAM	0	0	0	0	3	118	1	43	14	345	18	506
22	NAGALAND	1	0	5	7	6	0	3	0	3	0	18	7
23	ODISHA	74	1006.21	243	2650.17	875	10960.82	60	553.87	412	5012.71	1664	20183.78
24	PUDUCHERRY	1	0	0	0	21	2.09	0	0	1	0	23	2.09
25	PUNJAB	0	0	0	0	0	0	0	0	0	0	0	0
26	RAJASTHAN	0	0	81	3946.21	1	327.24	9	727.29	3	108	94	5108.74
27	SIKKIM	0	0	1	14.7	17	189.24	13	104.9	184	1511.25	215	1820.09
28	TAMIL NADU	319	3253.71	1140	9534.34	178	942.36	76	482.39	982	10740.42	2695	24953.22
29	TELANGANA	506	4137.92	2570	33876.72	76	344.4	280	1402.49	1425	7075.17	4857	46836.7
30	TRIPURA	0	0	4	115	4	241	0	0	13	828.5	21	1184.5
31	UTTARAKHAND	19	67.8	403	3154.91	376	1946.68	245	1132.41	2552	12654.77	3595	18956.57
32	UTTAR PRADESH	41	99	177	215.06	89	151	3	8	200	182	510	655.06
33	WEST BENGAL	29	216.27	122	833.5	1370	6603.18	10	39.5	174	1581.3	1705	9273.75
Total		1124	9446.8	7815	85136.71	4255	40614.96	861	6392.56	8187	49949.83	22242	191540.86

MINOR IRRIGATION CENSUS(2013-14)

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

Area in ha.

Sl.No	State	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	2	2	0	0	1	1.2	0	0	0	0	4	3.9	7	7.1
2	ANDHRA PRADESH	24999	8897.78	5154	3275.78	136003	99954.2	1675	1438.32	2904	2144.95	23745	28698.45	194480	144409.48
3	ARUNACHAL PRADESH	0	0	1	2	1	3	0	0	3	7	1	3	6	15
4	ASSAM	7	5.63	295	416.5	6	40.4	9	68.54	45	42.9	1682	4136.25	2044	4710.22
5	BIHAR	9149	10595.91	8311	11939.8	1254	1928.54	1117	3756.66	383	1056.01	25467	38069.7	45681	67346.62
6	CHANDIGARH	0	0	0	0	0	0	0	0	1	0	30	2.64	31	2.64
7	CHHATISGARH	105384	5142.64	1855	66.22	560	88.09	59	0.24	56	4.42	17311	2038.77	125225	7340.38
8	DELHI	0	0	1	0	0	0	0	0	0	0	0	0	1	0
9	GOA	1	0.18	0	0	6	0	2	1.09	0	0	51	11.9	60	13.17
10	GUJARAT	3204	3301.79	187	21.79	4040	550.2	27	21.21	3086	325.12	847	144.98	11391	4365.09
11	HARYANA	703	268	1229	34.1	1	0	3	0	3	0	15	2	1954	304.1
12	HIMACHAL PRADESH	32	112.03	104	404.75	39	47.77	1	2.34	5	36.41	502	1392.68	683	1995.98
13	JAMMU & KASHMIR	27	2.74	0	0	1	0.42	1	0	0	0	3	4.54	32	7.7
14	JHARKHAND	1231	661	1504	1978.91	24403	10847.15	1234	414.9	700	316.68	3434	1143.75	32506	15362.39
15	KARNATAKA	173632	31131.7	16281	2308.4	83095	12930.63	1359	472.9	1217	301.43	3904	5022.63	279488	52167.69
16	KERALA	18	0.81	181	18.13	629	47.07	6	0.3	8	0.03	137	19.29	979	85.63
17	MADHYA PRADESH	30151	5707.72	8255	3125.26	32936	30300.04	660	425.36	3198	3073.82	15529	12480.17	90729	55112.37
18	MAHARASHTRA	817329	176062.49	27664	3762.45	476948	98879.84	5137	1847.25	95277	7974.74	304410	46592.88	1726765	335119.65
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	16	181	20	53	11	74	6	14	9	46	36	147	98	515
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	ODISHA	9385	18955.52	7260	7510.63	92376	36307.36	14758	7746.86	15975	8960.63	74203	70993.42	213957	150474.42
24	PUDUCHERRY	0	0	16	0	184	0	3	0	501	0	70	0	774	0
25	PUNJAB	3747	7789.93	1988	4056.34	758	458.17	15	0	15	0	276	1131.08	6799	13435.52

MINOR IRRIGATION CENSUS(2013-14)

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

Area in ha.

Sl.No	State	Constraints in utilisation potential of Ground Water Schemes													
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
26	RAJASTHAN	46727	46399.71	16663	14646.22	289193	368473.77	9318	12144.54	7703	7915.4	111051	182617.74	480655	632197.38
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	21489	19861.1	13261	16647.59	70877	48511.79	5882	5962.4	4412	1533.75	26462	7495.36	142383	100011.99
29	TELANGANA	72986	20269.33	12855	5122.53	272967	82351.42	8522	1225.46	1573	525.07	34875	9929.66	403778	119423.47
30	TRIPURA	0	0	6	6.6	0	0	0	0	34	11.35	4	37.7	44	55.65
31	UTTARAKHAND	40	1.45	20	17.84	17	176.65	3143	307.05	23162	3691.49	27	34.48	26409	4228.96
32	UTTAR PRADESH	32289	148040.94	10606	30279.64	11017	10372.28	8054	6748.69	93535	58141.59	46790	115213.26	202291	368796.4
33	WEST BENGAL	9491	32352.3	7087	6935.59	1899	3005.45	39334	59643.39	3789	2568.34	26628	44283.25	88228	148788.32
Total :		1362039	535743.7	140804	112630.07	1499222	805349.44	100325	102241.5	257594	98677.13	717494	571650.48	4077478	2226292.32

MINOR IRRIGATION CENSUS(2013-14)

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

Area in ha.

Sl.No	State	Constraints in utilisation potential of Surface Water Schemes															
		Non Availability of Adequate Power		Mechanical Break Down		Less discharge of water		Storage not filled up fully		Siltation of canal/storage		Breakdown of channels		Others		Total	
		No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised	No.	Potential under Utilised
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	1	1.5	1	0.2	5	6.63	0	0	0	0	0	0	0	0	7	8.33
2	ANDHRA PRADESH	161	847.23	804	2860.19	1244	15466.81	8972	105674.62	486	7732.72	302	2171.12	1448	16423.66	13417	151176.35
3	ARUNACHAL PRADESH	0	0	3	63.5	11	74	9	0	106	193.5	167	793.27	250	1356.2	546	2480.47
4	ASSAM	7	3.5	182	2360.78	3	8.47	0	0	6	0	7	3.41	347	9801.17	552	12177.33
5	BIHAR	278	525.18	363	727	137	229.63	175	418.36	17	32.5	4	3	24	87.44	998	2023.11
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	4242	2773.22	120	8.78	111	12.01	39	38.3	5	5.1	34	0.3	1375	523.64	5926	3361.35
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	0	0	0	0	2	0	0	0	0	0	0	0	30	2	32	2
10	GUJARAT	1	6	8	1947.5	27	45.16	36	43	3	2.1	5	0	8627	5178.24	8707	7222
11	HARYANA	0	0	5	0	8	0	0	0	0	0	0	0	5	0	18	0
12	HIMACHAL PRADESH	3	17	8	98.79	745	995.64	112	18.65	13	31.17	136	297.93	442	1046.95	1459	2506.13
13	JAMMU & KASHMIR	5	286.63	7	1.01	1	0	26	437.62	14	32.47	20	18.68	32	151.65	105	928.06
14	JHARKHAND	263	96.58	1798	2482.49	1351	687.9	776	453.49	515	265.57	2163	1524.32	1665	1136.23	8531	6646.58
15	KARNATAKA	8693	516.06	2625	1406.79	7401	4904.7	1639	1885.82	845	167.09	72	8.44	604	332.06	21879	9220.96
16	KERALA	113	81.98	104	146.14	169	800.7	31	252.8	19	101.88	4	0	183	1980.82	623	3364.32
17	MADHYA PRADESH	1124	2375.88	1294	6130.42	2163	7820.58	267	999.18	64	237.96	569	2474.49	1672	3567.87	7153	23606.38
18	MAHARASHTRA	69133	31987.7	4009	3690.34	11878	14797.54	3619	8391.55	1896	7025.12	3674	3754.51	88142	148093.44	182351	217740.2
19	MANIPUR	0	0	0	0	55	275	6	37	29	287	168	1753	9	31	267	2383
20	MEGHALAYA	0	0	11	15	33	28.6	49	360.5	120	479.1	137	1387.45	699	5163.45	1049	7434.1
21	MIZORAM	0	0	4	13	3	12.5	0	0	42	1382.8	0	0	77	902.13	126	2310.43
22	NAGALAND	0	0	9	17.68	1275	3434.43	2	6	392	1309.59	584	1845.22	97	827.38	2359	7440.3
23	ODISHA	1030	6851.08	2568	9726.85	12509	48341.78	4128	22749.02	2017	16335.2	1926	7709.88	9861	41847.14	34039	153560.95
24	PUDUCHERRY	0	0	5	0	337	0	0	0	0	0	0	0	0	0	342	0
25	PUNJAB	3	0	4	0	1	0	0	0	0	0	0	0	4	-0	12	-0
26	RAJASTHAN	20	12.76	8	81.61	734	3821.8	923	10341.52	29	234.99	7	403.28	162	4068.08	1883	18964.04
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	88	131.22	600	1617.3	902	3637.77	940	6582.94	113	257.5	42	104.56	2779	3871.22	5464	16202.51
29	TELANGANA	1894	773.97	166	3151.04	1390	13832.23	4150	49153.56	707	2896.56	0	0	2330	14154.87	10637	83962.23
30	TRIPURA	0	0	10	107	22	368	3	90	7	82	3	29	9	144	54	820
31	UTTARAKHAND	2	0	13	15.1	203	423.89	82	65.72	173	87.73	1490	2392.45	1439	3259.19	3402	6244.08
32	UTTAR PRADESH	807	624.31	528	799.93	408	1078.74	592	811.09	186	103.91	114	90.2	259	376.23	2894	3884.41
33	WEST BENGAL	3085	11149.16	1525	4552.85	708	1514.88	1530	3215.93	487	925.44	185	516.06	6471	13339.1	13991	35213.42
Total :		90953	59060.96	16782	42021.29	43836	122619.39	28106	212026.67	8291	40209	11813	27280.57	129042	277665.16	328823	780883.04

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(A) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

(In Nos.)

Sl. No.	State	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	157	7	145	44	353	144	860	1004	1357
2	ANDHRA PRADESH	519	509	358	1233	2619	23515	962051	985566	988185
3	ARUNACHAL PRADESH	57	0	5	1	63	0	0	0	63
4	ASSAM	1329	161	40	65	1595	31967	94543	126510	128105
5	BIHAR	6312	1012	947	1128	9399	5145	628953	634098	643497
6	CHANDIGARH	30	0	0	0	30	0	22	22	52
7	CHHATISGARH	1249	86	175	444	1954	650	283812	284462	286416
8	DELHI	19	4	1	1	25	1	7480	7481	7506
9	GOA	78	14	10	64	166	253	4351	4604	4770
10	GUJARAT	5087	2353	1799	295	9534	19067	1253391	1272458	1281992
11	HARYANA	276	9939	2014	1314	13543	309197	27571	336768	350311
12	HIMACHAL PRADESH	779	54	38	24	895	470	6867	7337	8232
13	JAMMU & KASHMIR	25	0	1	5	31	131	8170	8301	8332
14	JHARKHAND	20119	9726	1468	871	32184	1507	151886	153393	185577
15	KARNATAKA	776	213	477	2152	3618	465	1211917	1212382	1216000
16	KERALA	255	131	309	713	1408	357	80703	81060	82468
17	MADHYA PRADESH	15881	3203	2688	4303	26075	229170	1707793	1936963	1963038
18	MAHARASHTRA	15276	3352	3701	2592	24921	548713	2064360	2613073	2637994

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(A) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR GROUND WATER SCHEME

(In Nos.)

Sl. No.	State	Ground water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
19	MANIPUR	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	347	5	2	67	421	10	807	817	1238
21	MIZORAM	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	0	0	39	1	40	40
23	ODISHA	6016	709	420	287	7432	405	401203	401608	409040
24	PUDUCHERRY	16	1	4	45	66	39	3709	3748	3814
25	PUNJAB	959	553	2174	1663	5349	10086	1103332	1113418	1118767
26	RAJASTHAN	6166	148	253	3520	10087	988291	451155	1439446	1449533
27	SIKKIM	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	15715	15496	7538	18040	56789	564948	1403829	1968777	2025566
29	TELANGANA	2408	434	812	683	4337	19480	1432338	1451818	1456155
30	TRIPURA	858	2	60	6	926	178	1777	1955	2881
31	UTTARAKHAND	1119	68	348	48	1583	3330	49207	52537	54120
32	UTTAR PRADESH	15500	1788	1759	395	19442	2329	3756571	3758900	3778342
33	WEST BENGAL	15557	9092	6040	3451	34140	50420	343933	394353	428493
	Total :	132885	59060	33586	43454	268985	2810307	17442592	20252899	20521884

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(B) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

(In Nos.)

Sl. No.	State	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	149	7	108	46	310	2	1041	1043	1353
2	ANDHRA PRADESH	48498	717	1454	365	51034	1400	13737	15137	66171
3	ARUNACHAL PRADESH	3071	55	172	0	3298	1093	325	1418	4716
4	ASSAM	819	27	12	9	867	4168	3380	7548	8415
5	BIHAR	2585	376	173	169	3303	187	3005	3192	6495
6	CHANDIGARH	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	6211	174	382	1184	7951	1249	20092	21341	29292
8	DELHI	0	0	0	0	0	0	0	0	0
9	GOA	90	10	10	36	146	687	2152	2839	2985
10	GUJARAT	43211	485	1447	69	45212	735	2287	3022	48234
11	HARYANA	84	36	6	16	142	443	13	456	598
12	HIMACHAL PRADESH	3929	184	468	768	5349	6243	950	7193	12542
13	JAMMU & KASHMIR	1855	7	29	700	2591	378	12	390	2981
14	JHARKHAND	19350	7953	1020	1228	29551	5629	30467	36096	65647
15	KARNATAKA	18469	1555	3269	2603	25896	161	111832	111993	137889
16	KERALA	2957	160	1597	396	5110	2078	14001	16079	21189
17	MADHYA PRADESH	43399	2645	1210	2515	49769	22849	46573	69422	119191

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(B) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR SURFACE WATER

(In Nos.)

Sl. No.	State	Surface water schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
18	MAHARASHTRA	34133	4593	978	581	40285	48512	194083	242595	282880
19	MANIPUR	861	5	0	0	866	0	0	0	866
20	MEGHALAYA	1962	19	11	127	2119	2571	3310	5881	8000
21	MIZORAM	439	0	0	0	439	10	3832	3842	4281
22	NAGALAND	31	12	17	5	65	7358	9643	17001	17066
23	ODISHA	29207	758	4971	672	35608	4037	42709	46746	82354
24	PUDUCHERRY	359	1	3	1	364	0	320	320	684
25	PUNJAB	247	5	9	107	368	16	1812	1828	2196
26	RAJASTHAN	848	9	297	54	1208	13570	6757	20327	21535
27	SIKKIM	1743	3	0	0	1746	3	0	3	1749
28	TAMIL NADU	19772	1512	7523	1403	30210	2506	14235	16741	46951
29	TELANGANA	29062	56	4240	322	33680	1021	31436	32457	66137
30	TRIPURA	1551	1	60	87	1699	137	356	493	2192
31	UTTARAKHAND	7206	240	28177	108	35731	574	1093	1667	37398
32	UTTAR PRADESH	1679	419	1845	244	4187	264	18493	18757	22944
33	WEST BENGAL	8978	4331	3008	2062	18379	37212	11727	48939	67318
	Total :	332755	26355	62496	15877	437483	165093	589673	754766	1192249

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(C) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR ALL SCHEME

(In Nos.)

Sl. No.	State	Total Minor Irrigation Schemes owned by								
		Public					Private			Grand Total (7+10)
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	306	14	253	90	663	146	1901	2047	2710
2	ANDHRA PRADESH	49017	1226	1812	1598	53653	24915	975788	1000703	1054356
3	ARUNACHAL PRADESH	3128	55	177	1	3361	1093	325	1418	4779
4	ASSAM	2148	188	52	74	2462	36135	97923	134058	136520
5	BIHAR	8897	1388	1120	1297	12702	5332	631958	637290	649992
6	CHANDIGARH	30	0	0	0	30	0	22	22	52
7	CHHATISGARH	7460	260	557	1628	9905	1899	303904	305803	315708
8	DELHI	19	4	1	1	25	1	7480	7481	7506
9	GOA	168	24	20	100	312	940	6503	7443	7755
10	GUJARAT	48298	2838	3246	364	54746	19802	1255678	1275480	1330226
11	HARYANA	360	9975	2020	1330	13685	309640	27584	337224	350909
12	HIMACHAL PRADESH	4708	238	506	792	6244	6713	7817	14530	20774
13	JAMMU & KASHMIR	1880	7	30	705	2622	509	8182	8691	11313
14	JHARKHAND	39469	17679	2488	2099	61735	7136	182353	189489	251224
15	KARNATAKA	19245	1768	3746	4755	29514	626	1323749	1324375	1353889
16	KERALA	3212	291	1906	1109	6518	2435	94704	97139	103657
17	MADHYA PRADESH	59280	5848	3898	6818	75844	252019	1754366	2006385	2082229
18	MAHARASHTRA	49409	7945	4679	3173	65206	597225	2258443	2855668	2920874
19	MANIPUR	861	5	0	0	866	0	0	0	866
20	MEGHALAYA	2309	24	13	194	2540	2581	4117	6698	9238
21	MIZORAM	439	0	0	0	439	10	3832	3842	4281
22	NAGALAND	31	12	17	5	65	7397	9644	17041	17106

MINOR IRRIGATION CENSUS(2013-14)

Table.XIII(C) MINOR IRRIGATION SCHEMES ACCORDING TO OWNERSHIP TYPE FOR ALL SCHEME

(In Nos.)

Sl. No.	State	Total Minor Irrigation Schemes owned by								
		Govt.	Coop Society	Panchayat	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 + 9)	Grand Total (7+10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
23	ODISHA	35223	1467	5391	959	43040	4442	443912	448354	491394
24	PUDUCHERRY	375	2	7	46	430	39	4029	4068	4498
25	PUNJAB	1206	558	2183	1770	5717	10102	1105144	1115246	1120963
26	RAJASTHAN	7014	157	550	3574	11295	1001861	457912	1459773	1471068
27	SIKKIM	1743	3	0	0	1746	3	0	3	1749
28	TAMIL NADU	35487	17008	15061	19443	86999	567454	1418064	1985518	2072517
29	TELANGANA	31470	490	5052	1005	38017	20501	1463774	1484275	1522292
30	TRIPURA	2409	3	120	93	2625	315	2133	2448	5073
31	UTTARAKHAND	8325	308	28525	156	37314	3904	50300	54204	91518
32	UTTAR PRADESH	17179	2207	3604	639	23629	2593	3775064	3777657	3801286
33	WEST BENGAL	24535	13423	9048	5513	52519	87632	355660	443292	495811
	Total :	465640	85415	96082	59331	706468	2975400	18032265	21007665	21714133

MINOR IRRIGATION CENSUS(2013-14)

Table.XIV(A) MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

(In Nos.)

Sl.No.	State	No. of Ground Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi-Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	78	221	394	152	15	860
2	ANDHRA PRADESH	387522	338879	185467	45630	4553	962051
3	ARUNACHAL PRADESH	0	0	0	0	0	0
4	ASSAM	4659	29258	55753	4606	267	94543
5	BIHAR	85618	252312	210557	46155	34311	628953
6	CHANDIGARH	1	15	4	1	1	22
7	CHHATISGARH	68579	93186	73939	39579	8529	283812
8	DELHI	2317	3077	1707	326	53	7480
9	GOA	3300	589	282	135	45	4351
10	GUJARAT	460433	412981	251794	87887	40296	1253391
11	HARYANA	42	5292	9171	12101	965	27571
12	HIMACHAL PRADESH	2480	2203	1427	597	160	6867
13	JAMMU & KASHMIR	5462	1921	702	82	3	8170
14	JHARKHAND	46183	73872	23786	3017	5028	151886
15	KARNATAKA	454198	401894	247765	89780	18280	1211917
16	KERALA	71029	7097	1751	421	405	80703
17	MADHYA PRADESH	279564	535471	528625	318647	45486	1707793
18	MAHARASHTRA	592285	840079	440980	163172	27844	2064360
19	MANIPUR	0	0	0	0	0	0
20	MEGHALAYA	2	83	623	99	0	807
21	MIZORAM	0	0	0	0	0	0
22	NAGALAND	0	0	1	0	0	1
23	ODISHA	139178	136661	99940	21378	4046	401203
24	PUDUCHERRY	1921	1031	615	130	12	3709
25	PUNJAB	45244	157699	434789	376925	88675	1103332
26	RAJASTHAN	38958	86753	135477	141068	48899	451155
27	SIKKIM	0	0	0	0	0	0
28	TAMIL NADU	688504	383129	185583	53625	92988	1403829
29	TELANGANA	687748	511091	194413	35596	3490	1432338
30	TRIPURA	526	886	301	62	2	1777
31	UTTARAKHAND	9132	15104	15648	7243	2080	49207
32	UTTAR PRADESH	1901438	990091	643014	145651	76377	3756571
33	WEST BENGAL	157723	132040	34070	7065	13035	343933
Total :		6134124	5412915	3778578	1601130	515845	17442592

MINOR IRRIGATION CENSUS(2013-14)

Table.XIV(B) MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

(In Nos.)

Sl.No.	State	No. of Surface Water Schemes owned by					
		Marginal (0-1ha)	small (1-2 ha)	Semi-Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total (9 to 13)
(1)	(2)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	107	323	365	232	14	1,041
2	ANDHRA PRADESH	4393	4353	3307	1559	125	13,737
3	ARUNACHAL PRADESH	2	27	112	173	11	325
4	ASSAM	186	1433	1647	101	13	3,380
5	BIHAR	118	747	1505	128	507	3,005
6	CHANDIGARH	0	0	0	0	0	0
7	CHHATISGARH	4703	6754	5059	2718	858	20,092
8	DELHI	0	0	0	0	0	0
9	GOA	1501	358	172	96	25	2,152
10	GUJARAT	728	902	522	120	15	2,287
11	HARYANA	0	1	2	10	0	13
12	HIMACHAL PRADESH	590	187	112	41	20	950
13	JAMMU & KASHMIR	7	1	2	2	0	12
14	JHARKHAND	6604	14916	5508	1578	1861	30,467
15	KARNATAKA	24447	34004	30087	18624	4670	111,832
16	KERALA	9520	2847	1114	339	181	14,001
17	MADHYA PRADESH	6601	11856	13038	11388	3690	46,573
18	MAHARASHTRA	52037	62730	45538	20974	12804	194,083
19	MANIPUR	0	0	0	0	0	0
20	MEGHALAYA	550	1119	1316	292	33	3,310
21	MIZORAM	990	1674	1063	100	5	3,832
22	NAGALAND	3157	2079	2234	1742	431	9,643
23	ODISHA	11785	12345	11558	3762	3259	42,709
24	PUDUCHERRY	164	81	51	20	4	320
25	PUNJAB	124	310	438	673	267	1,812
26	RAJASTHAN	449	893	2219	2714	482	6,757
27	SIKKIM	0	0	0	0	0	0
28	TAMIL NADU	5681	2000	1552	1839	3163	14,235
29	TELANGANA	13762	10689	5574	1280	131	31,436
30	TRIPURA	95	202	57	2	0	356
31	UTTARAKHAND	231	498	259	96	9	1,093
32	UTTAR PRADESH	4721	5479	5988	1863	442	18,493
33	WEST BENGAL	6151	2956	1430	575	615	11,727
Total :		159404	181764	141829	73041	33635	589673

MINOR IRRIGATION CENSUS(2013-14)

Table.XIV(C) MINOR IRRIGATION SCHEMES (FOR INDIVIDUAL OWNERSHIP) ACCORDING TO HOLDING SIZE OF OWNER

(In Nos.)

Sl.No.	State	Total number of Minor irrigation schemes					
		Marginal (0-1ha)	small (1-2 ha)	Semi-Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10ha)	Total(15 to 19)
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDAMAN & NICOBARS	185	544	759	384	29	1901
2	ANDHRA PRADESH	391915	343232	188774	47189	4678	975788
3	ARUNACHAL PRADESH	2	27	112	173	11	325
4	ASSAM	4845	30691	57400	4707	280	97923
5	BIHAR	85736	253059	212062	46283	34818	631958
6	CHANDIGARH	1	15	4	1	1	22
7	CHHATISGARH	73282	99940	78998	42297	9387	303904
8	DELHI	2317	3077	1707	326	53	7480
9	GOA	4801	947	454	231	70	6503
10	GUJARAT	461161	413883	252316	88007	40311	1255678
11	HARYANA	42	5293	9173	12111	965	27584
12	HIMACHAL PRADESH	3070	2390	1539	638	180	7817
13	JAMMU & KASHMIR	5469	1922	704	84	3	8182
14	JHARKHAND	52787	88788	29294	4595	6889	182353
15	KARNATAKA	478645	435898	277852	108404	22950	1323749
16	KERALA	80549	9944	2865	760	586	94704
17	MADHYA PRADESH	286165	547327	541663	330035	49176	1754366
18	MAHARASHTRA	644322	902809	486518	184146	40648	2258443
19	MANIPUR	0	0	0	0	0	0
20	MEGHALAYA	552	1202	1939	391	33	4117
21	MIZORAM	990	1674	1063	100	5	3832
22	NAGALAND	3157	2079	2235	1742	431	9644
23	ODISHA	150963	149006	111498	25140	7305	443912
24	PUDUCHERRY	2085	1112	666	150	16	4029
25	PUNJAB	45368	158009	435227	377598	88942	1105144
26	RAJASTHAN	39407	87646	137696	143782	49381	457912
27	SIKKIM	0	0	0	0	0	0
28	TAMIL NADU	694185	385129	187135	55464	96151	1418064
29	TELANGANA	701510	521780	199987	36876	3621	1463774
30	TRIPURA	621	1088	358	64	2	2133
31	UTTARAKHAND	9363	15602	15907	7339	2089	50300
32	UTTAR PRADESH	1906159	995570	649002	147514	76819	3775064
33	WEST BENGAL	163874	134996	35500	7640	13650	355660
Total :		6293528	5594679	3920407	1674171	549480	18032265

MINOR IRRIGATION CENSUS(2013-14)

Table.XV(A) MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Ground Water Schemes						
		Social Status of Owner						
		Scheduled caste	Schedule tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmers	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	6	56	441	357	860	497	1357
2	ANDHRA PRADESH	61157	23682	351570	525642	962051	26134	988185
3	ARUNACHAL PRADESH	0	0	0	0	0	63	63
4	ASSAM	4922	6386	12144	71091	94543	33562	128105
5	BIHAR	42930	62614	310281	213128	628953	14544	643497
6	CHANDIGARH	0	0	0	22	22	30	52
7	CHHATISGARH	27153	60725	174490	21444	283812	2604	286416
8	DELHI	54	32	3932	3462	7480	26	7506
9	GOA	64	692	1001	2594	4351	419	4770
10	GUJARAT	56036	98966	395655	702734	1253391	28601	1281992
11	HARYANA	699	146	1792	24934	27571	322740	350311
12	HIMACHAL PRADESH	519	325	3339	2684	6867	1365	8232
13	JAMMU & KASHMIR	1916	107	720	5427	8170	162	8332
14	JHARKHAND	19610	58365	60989	12922	151886	33691	185577
15	KARNATAKA	120688	74216	387582	629431	1211917	4083	1216000
16	KERALA	1472	477	36388	42366	80703	1765	82468
17	MADHYA PRADESH	153125	232518	988699	333451	1707793	255245	1963038
18	MAHARASHTRA	193487	138215	754191	978467	2064360	573634	2637994
19	MANIPUR	0	0	0	0	0	0	0
20	MEGHALAYA	7	60	11	729	807	431	1238
21	MIZORAM	0	0	0	0	0	0	0
22	NAGALAND	0	1	0	0	1	39	40
23	ODISHA	51494	97011	199658	53040	401203	7837	409040
24	PUDUCHERRY	175	7	2922	605	3709	105	3814
25	PUNJAB	28473	2476	40713	1031670	1103332	15435	1118767
26	RAJASTHAN	47552	56192	250604	96807	451155	998378	1449533
27	SIKKIM	0	0	0	0	0	0	0
28	TAMIL NADU	98903	18480	1135556	150890	1403829	621737	2025566
29	TELANGANA	151236	166780	774583	339739	1432338	23817	1456155
30	TRIPURA	364	202	359	852	1777	1104	2881
31	UTTARAKHAND	3824	4797	28864	11722	49207	4913	54120
32	UTTAR PRADESH	664635	92913	2150913	848110	3756571	21771	3778342
33	WEST BENGAL	62889	8696	39173	233175	343933	84560	428493
Total :		1793390	1205137	8106570	6337495	17442592	3079292	20521884

MINOR IRRIGATION CENSUS(2013-14)

Table.XV(B) MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Surface water Schemes						
		Social Status of Owner						
		Scheuled caste	Schedule tribe	OBC	Others	Total (10 to 13)	Owned by other than individual farmers	Total (14+15)
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	23	2	636	380	1041	312	1353
2	ANDHRA PRADESH	903	458	4506	7870	13737	52434	66171
3	ARUNACHAL PRADESH	7	318	0	0	325	4391	4716
4	ASSAM	308	1007	599	1466	3380	5035	8415
5	BIHAR	813	898	875	419	3005	3490	6495
6	CHANDIGARH	0	0	0	0	0	0	0
7	CHHATISGARH	1982	9636	6020	2454	20092	9200	29292
8	DELHI	0	0	0	0	0	0	0
9	GOA	89	667	302	1094	2152	833	2985
10	GUJARAT	48	925	693	621	2287	45947	48234
11	HARYANA	1	0	0	12	13	585	598
12	HIMACHAL PRADESH	165	33	31	721	950	11592	12542
13	JAMMU & KASHMIR	7	0	0	5	12	2969	2981
14	JHARKHAND	4355	14699	7729	3684	30467	35180	65647
15	KARNATAKA	13017	7820	33197	57798	111832	26057	137889
16	KERALA	224	93	5291	8393	14001	7188	21189
17	MADHYA PRADESH	6987	10130	21454	8002	46573	72618	119191
18	MAHARASHTRA	18490	22004	53643	99946	194083	88797	282880
19	MANIPUR	0	0	0	0	0	866	866
20	MEGHALAYA	16	3276	3	15	3310	4690	8000
21	MIZORAM	24	3806	2	0	3832	449	4281
22	NAGALAND	14	9627	2	0	9643	7423	17066
23	ODISHA	5592	12988	18131	5998	42709	39645	82354
24	PUDUCHERRY	19	0	12	289	320	364	684
25	PUNJAB	118	3	104	1587	1812	384	2196
26	RAJASTHAN	640	2164	2777	1176	6757	14778	21535
27	SIKKIM	0	0	0	0	0	1749	1749
28	TAMIL NADU	1161	6375	5815	884	14235	32716	46951
29	TELANGANA	3080	4183	15513	8660	31436	34701	66137
30	TRIPURA	84	59	57	156	356	1836	2192
31	UTTARAKHAND	214	82	141	656	1093	36305	37398
32	UTTAR PRADESH	3586	1010	9810	4087	18493	4451	22944
33	WEST BENGAL	3861	865	1036	5965	11727	55591	67318
Total :		65828	113128	188379	222338	589673	602576	1192249

MINOR IRRIGATION CENSUS(2013-14)

Table.XV(C) MINOR IRRIGATION SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl.No.	State	Total No. of Minor Irrigation Schemes						
		Social Status of Owner						
		Scheuled caste	Schedule tribe	OBC	Others	Total(17 to 20)	Owned by other than individual farmers	Total (21+22)
(1)	(2)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ANDAMAN & NICOBARS	29	58	1077	737	1901	809	2710
2	ANDHRA PRADESH	62060	24140	356076	533512	975788	78568	1054356
3	ARUNACHAL PRADESH	7	318	0	0	325	4454	4779
4	ASSAM	5230	7393	12743	72557	97923	38597	136520
5	BIHAR	43743	63512	311156	213547	631958	18034	649992
6	CHANDIGARH	0	0	0	22	22	30	52
7	CHHATISGARH	29135	70361	180510	23898	303904	11804	315708
8	DELHI	54	32	3932	3462	7480	26	7506
9	GOA	153	1359	1303	3688	6503	1252	7755
10	GUJARAT	56084	99891	396348	703355	1255678	74548	1330226
11	HARYANA	700	146	1792	24946	27584	323325	350909
12	HIMACHAL PRADESH	684	358	3370	3405	7817	12957	20774
13	JAMMU & KASHMIR	1923	107	720	5432	8182	3131	11313
14	JHARKHAND	23965	73064	68718	16606	182353	68871	251224
15	KARNATAKA	133705	82036	420779	687229	1323749	30140	1353889
16	KERALA	1696	570	41679	50759	94704	8953	103657
17	MADHYA PRADESH	160112	242648	1010153	341453	1754366	327863	2082229
18	MAHARASHTRA	211977	160219	807834	1078413	2258443	662431	2920874
19	MANIPUR	0	0	0	0	0	866	866
20	MEGHALAYA	23	3336	14	744	4117	5121	9238
21	MIZORAM	24	3806	2	0	3832	449	4281
22	NAGALAND	14	9628	2	0	9644	7462	17106
23	ODISHA	57086	109999	217789	59038	443912	47482	491394
24	PUDUCHERRY	194	7	2934	894	4029	469	4498
25	PUNJAB	28591	2479	40817	1033257	1105144	15819	1120963
26	RAJASTHAN	48192	58356	253381	97983	457912	1013156	1471068
27	SIKKIM	0	0	0	0	0	1749	1749
28	TAMIL NADU	100064	24855	1141371	151774	1418064	654453	2072517
29	TELANGANA	154316	170963	790096	348399	1463774	58518	1522292
30	TRIPURA	448	261	416	1008	2133	2940	5073
31	UTTARAKHAND	4038	4879	29005	12378	50300	41218	91518
32	UTTAR PRADESH	668221	93923	2160723	852197	3775064	26222	3801286
33	WEST BENGAL	66750	9561	40209	239140	355660	140151	495811
Total :		1859218	1318265	8294949	6559833	18032265	3681868	21714133

MINOR IRRIGATION CENSUS(2013-14)

Table.XVI(A) MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

(In Nos.)

Sl.No	State	Ground Water Schemes														
		With one source of Finance						With two Sources of finance								Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	14	284	542	0	5	845	0	14	0	0	0	0	1	15	860
2	ANDHRA PRADESH	9104	3112	500245	14434	4250	531145	40857	5814	221480	1136	1966	455	159198	430906	962051
3	ARUNACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	ASSAM	299	416	50976	13	125	51829	56	55	155	13	15	5	42415	42714	94543
5	BIHAR	10733	6304	172711	836	2997	193581	8925	14999	6291	20894	774	448	383041	435372	628953
6	CHANDIGARH	0	0	0	0	15	15	0	0	0	0	0	0	7	7	22
7	CHHATISGARH	3785	7251	116461	187	1729	129413	70546	2848	75	2314	203	141	78272	154399	283812
8	DELHI	15	5	6968	0	109	7097	8	0	8	0	0	0	367	383	7480
9	GOA	180	188	3485	12	455	4320	6	14	0	1	0	0	10	31	4351
10	GUJARAT	67594	19908	544173	5264	594193	1231132	205	13	9	533	46	3	21450	22259	1253391
11	HARYANA	113	35	5839	49	173	6209	1484	10	1159	70	3	1	18635	21362	27571
12	HIMACHAL PRADESH	312	86	3015	1	246	3660	1048	69	3	27	5	0	2055	3207	6867
13	JAMMU & KASHMIR	128	17	7657	39	246	8087	4	30	0	0	0	0	49	83	8170
14	JHARKHAND	1266	99192	13479	15	1118	115070	132	658	14	8750	9	40	27213	36816	151886
15	KARNATAKA	158805	8463	519926	16050	32816	736060	261862	7675	47283	21017	15037	3917	119066	475857	1211917
16	KERALA	2990	577	55106	73	716	59462	8795	8573	180	1035	19	49	2590	21241	80703
17	MADHYA PRADESH	73070	41794	1158492	13751	24775	1311882	22383	8077	18653	9735	410	45	336608	395911	1707793
18	MAHARASHTRA	199560	104308	1129775	1835	15859	1451337	335605	5692	334	23130	1126	87	247049	613023	2064360
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	2	31	759	2	0	794	0	0	0	0	0	0	13	13	807
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
23	ODISHA	20645	42247	206810	829	994	271525	22665	76424	10284	5598	240	754	13713	129678	401203
24	PUDUCHERRY	353	27	3176	12	68	3636	11	0	1	2	0	0	59	73	3709
25	PUNJAB	3176	3318	711262	83642	13271	814669	7843	2490	228420	1910	1332	460	46208	288663	1103332

MINOR IRRIGATION CENSUS(2013-14)

Table.XVI(A) MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

(In Nos.)

Sl.No	State	Ground Water Schemes														
		With one source of Finance						With two Sources of finance								Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
26	RAJASTHAN	16529	603	160648	2588	2341	182709	158247	2374	25718	6664	13498	87	61858	268446	451155
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	26283	5711	946694	6272	12451	997411	87168	16650	84136	7157	2336	409	208562	406418	1403829
29	TELANGANA	24659	4898	645575	46799	9077	731008	48511	4725	348349	3201	24521	1512	270511	701330	1432338
30	TRIPURA	2	358	1393	6	18	1777	0	0	0	0	0	0	0	0	1777
31	UTTARAKHAND	332	145	19501	31	54	20063	8512	108	1571	1205	22	13	17713	29144	49207
32	UTTAR PRADESH	69169	205248	2131167	27782	18799	2452165	283474	497678	36500	51814	8250	10954	415736	1304406	3756571
33	WEST BENGAL	13656	1920	279480	1522	1266	297844	22588	2413	712	5416	296	89	14575	46089	343933
Total :		702774	556446	9395315	222045	738166	11614746	1390935	657403	1031335	171622	70108	19469	2486974	5827846	17442592

MINOR IRRIGATION CENSUS(2013-14)

Table.XVI(B) MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

(In Nos.)

Sl. No.	State	Surface Water Schemes														
		With one source of Finance						With two Sources of finance								Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	20	368	633	0	16	1037	1	0	2	0	0	0	1	4	1041
2	ANDHRA PRADESH	151	166	7381	70	164	7932	335	112	3108	8	13	15	2214	5805	13737
3	ARUNACHAL PRADESH	2	276	1	0	0	279	0	21	0	0	0	0	25	46	325
4	ASSAM	11	19	2257	1	15	2303	3	0	1	0	1	0	1072	1077	3380
5	BIHAR	222	372	291	3	26	914	36	207	29	631	43	35	1110	2091	3005
6	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	850	1106	8813	10	1500	12279	435	87	1	259	365	0	6666	7813	20092
8	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	GOA	38	24	1895	5	172	2134	1	5	0	2	0	1	9	18	2152
10	GUJARAT	110	7	1135	4	47	1303	3	1	0	0	0	0	980	984	2287
11	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	13	13	13
12	HIMACHAL PRADESH	19	303	254	0	32	608	76	43	0	43	0	0	180	342	950
13	JAMMU & KASHMIR	1	4	7	0	0	12	0	0	0	0	0	0	0	0	12
14	JHARKHAND	311	21277	1348	16	297	23249	50	115	1	674	6	9	6363	7218	30467
15	KARNATAKA	21655	2096	32423	607	2693	59474	28191	620	3281	3917	735	927	14687	52358	111832
16	KERALA	569	334	9360	38	843	11144	1304	948	83	127	7	36	352	2857	14001
17	MADHYA PRADESH	4734	1360	33629	575	827	41125	878	619	399	260	20	0	3272	5448	46573
18	MAHARASHTRA	42727	17724	98574	506	3094	162625	17999	129	28	1152	45	7	12098	31458	194083
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	5	10	1565	1	8	1589	1	3	0	2	0	0	1715	1721	3310
21	MIZORAM	3	88	3439	2	2	3534	53	3	1	1	1	0	239	298	3832
22	NAGALAND	13	1383	8211	6	3	9616	0	7	0	2	0	3	15	27	9643
23	ODISHA	1239	3692	25465	35	331	30762	1154	7624	842	432	29	36	1830	11947	42709
24	PUDUCHERRY	270	0	0	0	50	320	0	0	0	0	0	0	0	0	320
25	PUNJAB	33	11	1539	30	0	1613	8	2	139	1	0	0	49	199	1812
26	RAJASTHAN	23	180	3957	11	7	4178	164	1957	64	22	0	0	372	2579	6757
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	536	2427	2968	48	5808	11787	145	112	195	125	17	7	1847	2448	14235
29	TELANGANA	671	0	13246	868	197	14982	2441	0	5053	0	1952	0	7008	16454	31436
30	TRIPURA	0	58	281	0	17	356	0	0	0	0	0	0	0	0	356
31	UTTARAKHAND	0	201	31	15	7	254	3	12	121	0	1	0	702	839	1093
32	UTTAR PRADESH	1257	2093	11172	302	181	15005	494	843	682	327	30	5	1107	3488	18493
33	WEST BENGAL	861	418	4962	121	144	6506	1483	199	152	479	57	21	2830	5221	11727
Total :		76331	55997	274837	3274	16481	426920	55258	13669	14182	8464	3322	1102	66756	162753	589673

MINOR IRRIGATION CENSUS(2013-14)

Table.XVI(C) MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

(In Nos.)

Sl. No.	State	Total No. of MI schemes														
		With one source of Finance						With two Sources of finance								Total (8+16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Other	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	34	652	1175	0	21	1882	1	14	2	0	0	0	2	19	1901
2	ANDHRA PRADESH	9255	3278	507626	14504	4414	539077	41192	5926	224588	1144	1979	470	161412	436711	975788
3	ARUNACHAL PRADESH	2	276	1	0	0	279	0	21	0	0	0	0	25	46	325
4	ASSAM	310	435	53233	14	140	54132	59	55	156	13	16	5	43487	43791	97923
5	BIHAR	10955	6676	173002	839	3023	194495	8961	15206	6320	21525	817	483	384151	437463	631958
6	CHANDIGARH	0	0	0	0	15	15	0	0	0	0	0	0	7	7	22
7	CHHATISGARH	4635	8357	125274	197	3229	141692	70981	2935	76	2573	568	141	84938	162212	303904
8	DELHI	15	5	6968	0	109	7097	8	0	8	0	0	0	367	383	7480
9	GOA	218	212	5380	17	627	6454	7	19	0	3	0	1	19	49	6503
10	GUJARAT	67704	19915	545308	5268	594240	1232435	208	14	9	533	46	3	22430	23243	1255678
11	HARYANA	113	35	5839	49	173	6209	1484	10	1159	70	3	1	18648	21375	27584
12	HIMACHAL PRADESH	331	389	3269	1	278	4268	1124	112	3	70	5	0	2235	3549	7817
13	JAMMU & KASHMIR	129	21	7664	39	246	8099	4	30	0	0	0	0	49	83	8182
14	JHARKHAND	1577	120469	14827	31	1415	138319	182	773	15	9424	15	49	33576	44034	182353
15	KARNATAKA	180460	10559	552349	16657	35509	795534	290053	8295	50564	24934	15772	4844	133753	528215	1323749
16	KERALA	3559	911	64466	111	1559	70606	10099	9521	263	1162	26	85	2942	24098	94704
17	MADHYA PRADESH	77804	43154	1192121	14326	25602	1353007	23261	8696	19052	9995	430	45	339880	401359	1754366
18	MAHARASHTRA	242287	122032	1228349	2341	18953	1613962	353604	5821	362	24282	1171	94	259147	644481	2258443
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	7	41	2324	3	8	2383	1	3	0	2	0	0	1728	1734	4117
21	MIZORAM	3	88	3439	2	2	3534	53	3	1	1	1	0	239	298	3832
22	NAGALAND	13	1383	8211	7	3	9617	0	7	0	2	0	3	15	27	9644
23	ODISHA	21884	45939	232275	864	1325	302287	23819	84048	11126	6030	269	790	15543	141625	443912
24	PUDUCHERRY	623	27	3176	12	118	3956	11	0	1	2	0	0	59	73	4029
25	PUNJAB	3209	3329	712801	83672	13271	816282	7851	2492	228559	1911	1332	460	46257	288862	1105144
26	RAJASTHAN	16552	783	164605	2599	2348	186887	158411	4331	25782	6686	13498	87	62230	271025	457912
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	26819	8138	949662	6320	18259	1009198	87313	16762	84331	7282	2353	416	210409	408866	1418064
29	TELANGANA	25330	4898	658821	47667	9274	745990	50952	4725	353402	3201	26473	1512	277519	717784	1463774

MINOR IRRIGATION CENSUS(2013-14)

Table.XVI(C) MINOR IRRIGATION SCHEMES (UNDER INDIVIDUAL SOURCE OF OWNERSHIP)ACCORDING TO SOURCE OF FINANCE

(In Nos.)

Sl. No.	State	Total No. of MI schemes														
		Bank loan	Govt. Fund	Own Saving	Money Lender	Other	Total (3 to 7)	Own Saving &	Own Saving &	Own Saving &	Bank Loan & Govt	Bank Loan &	Govt Fund &	Others	Total (9 to 15)	Total (8+16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
30	TRIPURA	2	416	1674	6	35	2133	0	0	0	0	0	0	0	0	2133
31	UTTARAKHAND	332	346	19532	46	61	20317	8515	120	1692	1205	23	13	18415	29983	50300
32	UTTAR PRADESH	70426	207341	2142339	28084	18980	2467170	283968	498521	37182	52141	8280	10959	416843	1307894	3775064
33	WEST BENGAL	14517	2338	284442	1643	1410	304350	24071	2612	864	5895	353	110	17405	51310	355660
Total :		779105	612443	9670152	225319	754647	12041666	1446193	671072	1045517	180086	73430	20571	2553730	5990599	18032265

MINOR IRRIGATION CENSUS(2013-14)

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

(In Nos.)

Sl. No.	State	Ground Water Schemes														
		Dugwell			Shallow Tubewelll			Medium Tubewelll			Deep Tubewell			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	251	1083	1334	1	22	23	0	0	0	0	0	0	252	1105	1357
2	ANDHRA PRADESH	3493	208537	212030	2640	182615	185255	5898	207052	212950	5090	372860	377950	17121	971064	988185
3	ARUNACHAL PRADESH	20	1	21	14	0	14	1	0	1	27	0	27	62	1	63
4	ASSAM	12	203	215	7384	119858	127242	3	22	25	48	575	623	7447	120658	128105
5	BIHAR	1008	21869	22877	6448	355504	361952	6559	239322	245881	144	12643	12787	14159	629338	643497
6	CHANDIGARH	0	0	0	0	17	17	0	5	5	0	30	30	0	52	52
7	CHHATISGARH	31421	16190	47611	10761	34915	45676	28401	89633	118034	14819	60276	75095	85402	201014	286416
8	DELHI	0	0	0	0	2940	2940	0	22	22	0	4544	4544	0	7506	7506
9	GOA	0	4673	4673	0	83	83	0	1	1	0	13	13	0	4770	4770
10	GUJARAT	280381	651886	932267	33235	115674	148909	9891	161232	171123	721	28972	29693	324228	957764	1281992
11	HARYANA	0	28	28	0	90419	90419	0	51962	51962	0	207902	207902	0	350311	350311
12	HIMACHAL PRADESH	1	663	664	0	4423	4423	0	2124	2124	0	1021	1021	1	8231	8232
13	JAMMU & KASHMIR	4	291	295	93	7756	7849	0	117	117	0	71	71	97	8235	8332
14	JHARKHAND	76742	101181	177923	3195	2415	5610	346	1281	1627	92	325	417	80375	105202	185577
15	KARNATAKA	2813	215158	217971	4793	381623	386416	11406	481444	492850	3633	115130	118763	22645	1193355	1216000
16	KERALA	1	74257	74258	0	4503	4503	0	1939	1939	0	1768	1768	1	82467	82468
17	MADHYA PRADESH	275494	1144160	1419654	12815	94891	107706	21536	247511	269047	19656	146975	166631	329501	1633537	1963038
18	MAHARASHTRA	400598	1871178	2271776	18687	84774	103461	19286	112093	131379	16454	114924	131378	455025	2182969	2637994
19	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	MEGHALAYA	75	5	80	187	970	1157	0	0	0	0	1	1	262	976	1238
21	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	NAGALAND	12	0	12	15	0	15	13	0	13	0	0	0	40	0	40
23	ODISHA	86948	236286	323234	1974	48004	49978	1473	23203	24676	2186	8966	11152	92581	316459	409040
24	PUDUCHERRY	0	57	57	0	600	600	0	1815	1815	0	1342	1342	0	3814	3814
25	PUNJAB	0	0	0	0	248679	248679	0	384709	384709	0	485379	485379	0	1118767	1118767
26	RAJASTHAN	120562	755052	875614	4540	31671	36211	20786	120749	141535	29771	366402	396173	175659	1273874	1449533
27	SIKKIM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	TAMIL NADU	141949	1440769	1582718	11724	133524	145248	3933	69689	73622	13083	210895	223978	170689	1854877	2025566
29	TELANGANA	28339	477013	505352	13773	95080	108853	33213	538103	571316	21024	249610	270634	96349	1359806	1456155
30	TRIPURA	35	120	155	130	393	523	468	1525	1993	47	163	210	680	2201	2881
31	UTTARAKHAND	10	328	338	3498	43643	47141	607	4885	5492	77	1072	1149	4192	49928	54120
32	UTTAR PRADESH	13949	94739	108688	44072	3288232	3332304	5429	244672	250101	1602	85647	87249	65052	3713290	3778342
33	WEST BENGAL	857	4897	5754	7595	379899	387494	1299	21134	22433	476	12336	12812	10227	418266	428493
Total :		1464975	7320624	8785599	187574	5753127	5940701	170548	3006244	3176792	128950	2489842	2618792	1952047	18569837	20521884

MINOR IRRIGATION CENSUS (2013-14)

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

(In Nos.)

Sl. No.	State	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	9	343	352	5	996	1001	14	1339	1353
2	ANDHRA PRADESH	5353	46015	51368	925	13878	14803	6278	59893	66171
3	ARUNACHAL PRADESH	4710	0	4710	6	0	6	4716	0	4716
4	ASSAM	632	1746	2378	555	5482	6037	1187	7228	8415
5	BIHAR	288	2504	2792	130	3573	3703	418	6077	6495
6	CHANDIGARH	0	0	0	0	0	0	0	0	0
7	CHHATISGARH	7008	5235	12243	12893	4156	17049	19901	9391	29292
8	DELHI	0	0	0	0	0	0	0	0	0
9	GOA	0	2144	2144	0	841	841	0	2985	2985
10	GUJARAT	1072	11274	12346	10774	25114	35888	11846	36388	48234
11	HARYANA	0	498	498	0	100	100	0	598	598
12	HIMACHAL PRADESH	881	11168	12049	4	489	493	885	11657	12542
13	JAMMU & KASHMIR	119	2687	2806	2	173	175	121	2860	2981
14	JHARKHAND	24231	26813	51044	6855	7748	14603	31086	34561	65647
15	KARNATAKA	1431	65095	66526	930	70433	71363	2361	135528	137889
16	KERALA	9	7397	7406	1	13782	13783	10	21179	21189
17	MADHYA PRADESH	14971	40368	55339	20114	43738	63852	35085	84106	119191
18	MAHARASHTRA	21115	71983	93098	30465	159317	189782	51580	231300	282880

MINOR IRRIGATION CENSUS (2013-14)

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

(In Nos.)

Sl. No.	State	Surface Water Schemes								
		Surface Flow Schemes			Surface Lift Schemes			Total		
		Tribal	Non tribal	Total	Tribal	Non tribal	Total	Tribal	Non tribal	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
19	MANIPUR	375	338	713	3	150	153	378	488	866
20	MEGHALAYA	7903	41	7944	43	13	56	7946	54	8000
21	MIZORAM	4252	29	4281	0	0	0	4252	29	4281
22	NAGALAND	17021	0	17021	45	0	45	17066	0	17066
23	ODISHA	15345	19792	35137	15405	31812	47217	30750	51604	82354
24	PUDUCHERRY	0	684	684	0	0	0	0	684	684
25	PUNJAB	0	199	199	0	1997	1997	0	2196	2196
26	RAJASTHAN	176	1007	1183	8560	11792	20352	8736	12799	21535
27	SIKKIM	480	1269	1749	0	0	0	480	1269	1749
28	TAMIL NADU	8731	36041	44772	405	1774	2179	9136	37815	46951
29	TELANGANA	5239	30839	36078	4677	25382	30059	9916	56221	66137
30	TRIPURA	102	159	261	731	1200	1931	833	1359	2192
31	UTTARAKHAND	1457	35249	36706	5	687	692	1462	35936	37398
32	UTTAR PRADESH	870	7276	8146	1246	13552	14798	2116	20828	22944
33	WEST BENGAL	2329	17853	20182	2184	44951	47135	4513	62804	67317
Total :		146109	446046	592155	116963	483130	600093	263072	929176	1192248

MINOR IRRIGATION CENSUS(2013-14)

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

(In No./Area in ha.)

Sl.No	State	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	23	21.65	124	164.22	0		636	597.57	13	18.5	1	0.3	547	371.25	1344	1173.49
2	ANDHRA PRADESH	76636	147820.85	413104	649100.34	87776	155891.89	161199	272692.03	78783	123656.69	23920	33428.17	2117	4744.63	843535	1387334.6
3	ARUNACHAL PRADESH	38	116	11	40	0		2	8.00	0		0		5	12	56	176
4	ASSAM	405	2399.79	115798	201460.02	379	2766.37	101	405.92	7	29.59	10	233.36	842	1806.81	117542	209101.86
5	BIHAR	9414	42710.49	53120	264632.72	3212	21261.24	566984	2994046.24	1406	6829.86	306	1417.69	3744	17412.8	638186	3348311.04
6	CHANDIGARH	10	130.78	14	47.72	28	1708	0		0		0		0		52	1886.5
7	CHHATISGARH	14067	34468.82	113898	231093.71	2911	7695.27	123704	342487.10	1971	6277.13	17924	63089.75	11774	33771.44	286249	718883.22
8	DELHI	451	1628.15	6617	19879.55	106	131.26	283	814.51	3	3.12	45	66.78	0		7505	22523.37
9	GOA	233	177.38	1792	1276.48	109	102.23	904	419.57	25	21.87	786	777.49	767	339.09	4616	3114.11
10	GUJARAT	64148	119344.33	447154	1034686.1	64702	324640.86	668938	2060020.37	7142	36983.36	8151	24981.04	5547	6429.13	1265782	3607085.19
11	HARYANA	15663	129672.6	170955	1465134.73	120146	1188882.51	11993	135106.20	135	985	30119	349186.76	1263	15596.25	350274	3284564.05
12	HIMACHAL PRADESH	553	7067.92	5184	20870.49	679	13719.92	1750	4624.84	3	12.35	28	74.46	20	73.94	8217	46443.92
13	JAMMU & KASHMIR	224	776.28	7769	12132.84	215	198.47	105	270.50	1	0.8	0		6	9.3	8320	13388.19
14	JHARKHAND	5432	5182.86	113498	153777.66	364	518.57	3429	3523.93	143	471.52	10	6.9	3586	5457.75	126462	168939.19
15	KARNATAKA	133957	361238.64	97860	168262.84	728874	1425934.92	89833	174566.77	92897	197047.87	25308	59198.77	23304	38462.91	1192033	2424712.72
16	KERALA	5728	3377.13	30493	16925.03	8727	5105.32	33350	15487.67	538	362.12	1996	1442.44	1454	1733.31	82286	44433.02
17	MADHYA PRADESH	38128	97526.27	421709	1161275.12	229572	691859.35	1141041	3704332.78	17171	58065.28	98061	329765.97	4415	11611.06	1950097	6054435.83
18	MAHARASHTRA	585572	1079632.54	701833	1356210.7	904834	1810114.33	223750	375418.41	78818	145499.85	50495	69223.68	75451	143993.59	2620753	4980093.1
19	MANIPUR	0		0		0		0		0		0		0		0	0
20	MEGHALAYA	32	3072	1173	9607.95	0		11	553.50	0		0		14	165	1230	13398.45
21	MIZORAM	0		0		0		0		0		0		0		0	0
22	NAGALAND	0		0		0		4	18.50	0		0		35	81.4	39	99.9
23	ODISHA	5430	9083.71	242721	153452.85	2754	10388.9	76416	87649.44	530	455.94	529	282.29	13690	4045.09	342070	265358.22
24	PUDUCHERRY	1431	3614.67	777	1634.82	1127	2692.18	232	507.68	16	53.21	1	4.88	3	9.4	3587	8516.84
25	PUNJAB	105603	777419.26	989281	5287405.86	22506	165983.02	315	1796.51	157	818.53	42	165.65	832	4237.34	1118736	6237826.17
26	RAJASTHAN	60600	172084.26	333723	987009.6	130096	551702.39	469167	1992063.25	8770	35671.44	393946	2635700.27	1191	5167.22	1397493	6379398.43
27	SIKKIM	0		0		0		0		0		0		0		0	0
28	TAMIL NADU	479873	855688.31	977697	1695321.65	224088	465687.34	44831	69948.42	75971	151202.2	2604	4803.28	29672	38495.67	1834736	3281146.87
29	TELANGANA	230757	304838.61	472720	642451.59	337686	428522.98	289144	365723.36	15050	22516.15	3741	2461.61	5995	7103.96	1355093	1773618.26
30	TRIPURA	39	243.37	1524	4053.65	860	8635.76	223	999.12	24	35.6	0		62	128.38	2732	14095.88
31	UTTARAKHAND	1879	51514.49	48881	284695.36	3121	18328.33	131	827.44	14	57.55	0		10	66.81	54036	355489.98
32	UTTAR PRADESH	98398	794023.09	2375186	10398789.59	33064	215142.53	1204865	5159591.11	3915	19184.23	5206	31661.75	17007	87472.43	3737641	16705864.73
33	WEST BENGAL	50524	268217.98	328962	1240592.38	7902	70225.54	27245	107522.49	238	706.78	129	407.58	1887	6878.29	416887	1694551.04

MINOR IRRIGATION CENSUS(2013-14)

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

(In No./Area in ha.)

Sl.No	State	Ground Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Total :		1985248	5273092.23	8473578	27461985.57	2915838	7587839.48	5140586	17872023.23	383741	806966.54	663358	3608380.87	205240	435676.25	19767589	63045964.17

MINOR IRRIGATION CENSUS(2013-14)

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

(Area in ha.)

Sl. No.	State	Surface Water Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	8	16.63	440	404.2	4	1.92	651	663.65	0	0	0	0	242	227.28	1345	1313.68
2	ANDHRA PRADESH	3051	69133.66	39993	503212.29	2816	20117.15	4207	13494.65	58	520.12	21	41.15	2120	8840.41	52266	615359.43
3	ARUNACHAL PRADESH	562	20868.63	2967	68207.73	9	65.8	41	3655.7	0	0	0	0	1	70	3580	92867.86
4	ASSAM	633	46062.74	4551	53423.66	22	482.03	1352	2435.41	1	1.6	8	21.42	1227	9078.44	7794	111505.30
5	BIHAR	1034	24136.6	1274	25127.07	244	4261.5	3160	73740.34	9	195	2	19	208	4013.5	5931	131493.01
6	CHANDIGARH	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.00
7	CHHATISGARH	3486	20107.26	15355	81570.26	542	2360.27	8449	26616.14	59	274.84	74	89.03	1225	5135.95	29190	136153.75
8	DELHI	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0.00
9	GOA	259	726.35	2053	2657.76	26	55.65	105	100.76	19	33.37	263	458.09	213	239.82	2938	4271.80
10	GUJARAT	50	2163.17	761	21600.93	495	1512.08	43997	174834	85	217.72	0	0	71	361.91	45459	200689.81
11	HARYANA	212	938	289	1902	55	179	3	10	0	0	1	10	30	94	590	3133.00
12	HIMACHAL PRADESH	3173	43821.78	7401	81540.3	173	3865.72	1263	6276	63	85.02	64	91.89	317	2230.06	12454	137910.77
13	JAMMU & KASHMIR	97	5425.94	2778	153519.9	4	295.17	7	732.76	0	0	0	0	70	1592.68	2956	161566.45
14	JHARKHAND	3192	5208.34	43561	116571.46	152	350.05	1844	4358.65	36	113.45	7	15.35	2371	5303.77	51163	131921.07
15	KARNATAKA	29806	168655.73	17111	59877.89	66833	218437.29	11323	37569.21	1936	10416.93	4932	33372.7	3431	8450.33	135372	536780.08
16	KERALA	2313	48284.34	8549	79485.24	1560	16462.55	5941	20309.15	147	170.29	1214	4469.09	1210	12257.92	20934	181438.58
17	MADHYA PRADESH	7186	70641.59	23012	160563.1	12910	119292.62	67013	759520.56	274	5203.25	5686	74309.08	2180	29461.22	118261	1218991.42
18	MAHARASHTRA	61852	395865.39	73251	385304.65	104182	325541.31	28514	111396.93	1113	2258.23	4175	11643.52	8626	42355.3	281713	1274365.33
19	MANIPUR	585	15528	113	2908	0	0	0		0	0	0	0	0	0	698	18436.00
20	MEGHALAYA	462	24922.47	6151	59660.75	17	174.45	339	10641.14	165	2467.5	2	46.8	307	6337.55	7443	104250.66
21	MIZORAM	325	9613.01	3203	3923.93	8	87.02	444	2103.17	1	20	1	3	236	312.17	4218	16062.30
22	NAGALAND	594	7576.18	14750	42212.53	8	20.27	12	111.8	6	7.88	0	0	14	85	15384	50013.66
23	ODISHA	5310	71160.08	47367	338335.57	2493	41687.63	19757	42969.54	48	261.09	49	213.83	1055	4012.44	76079	498640.18
24	PUDUCHERRY	334	7095.29	257	929.85	2	53.23	3	61.09	0	0	0	0	2	9.7	598	8149.16
25	PUNJAB	145	5014.33	1236	10958.92	513	4939.19	277	1812.9	3	24.4	0	0	22	662.76	2196	23412.50
26	RAJASTHAN	717	38617.84	2710	41492.58	710	7513.73	16801	99731.34	1	2	123	248.97	17	451.9	21079	188058.36
27	SIKKIM	1015	11946.82	142	1639.25	3	10.2	0		0	0	0	0	0	0	1160	13596.27
28	TAMIL NADU	10008	110044.09	24479	275304.47	978	5098.95	2260	7909.68	110	676.16	373	1897.74	2792	59525.17	41000	460456.26
29	TELANGANA	7051	104653.45	15035	248209.6	10556	31615.69	9518	22780.93	4	77.68	572	38.83	1533	8988.26	44269	416364.44
30	TRIPURA	111	8890.4	450	6534.78	1455	78863.47	101	212.02	1	0.59	0	0	26	607.27	2144	95108.53
31	UTTARAKHAND	21512	222059.96	2112	55847.03	288	3665.99	891	4490.15	31	218.75	163	1364.71	1026	6960.21	26023	294606.80
32	UTTAR PRADESH	1778	11398.29	9401	42753.18	605	2095.97	8742	29048.74	51	399.04	176	975	584	4248.87	21337	90919.09
33	WEST BENGAL	7882	133446.13	47937	307399.33	2640	86741.27	3343	21449.47	93	237.52	22	394.34	1135	10412.73	63052	560080.79
Total :		174743	1704022.49	418689	3233078.21	210303	975847.17	240358	1479035.88	4314	23882.43	17928	129723.54	32291	232326.62	1098626	7777916.34

MINOR IRRIGATION CENSUS (2013-14)

Table. XVIII(C) NUMBER OF MINOR IRRIGATION SCHEMES AND POTENTIAL UTILISED BY WATER DISTRIBUTION DEVICE

(Area in ha.)

Sl. No.	State	Minor Irrigation Schemes According to Water Distribution System															
		Open Water Channel				Underground Pipe		Surface Pipe		Drip		Sprinkler		Others		Total	
		Lined/Pucca		Unlined/kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	31	38.28	564	568.42	4	1.92	1287	1261.22	13	18.5	1	0.3	789	598.53	2689	2487.17
2	ANDHRA PRADESH	79687	216954.51	453097	1152312.63	90592	176009.04	165406	286186.68	78841	124176.81	23941	33469.32	4237	13585.04	895801	2002694.03
3	ARUNACHAL PRADESH	600	20984.63	2978	68247.73	9	65.8	43	3663.7	0	0	0	0	6	82	3636	93043.86
4	ASSAM	1038	48462.53	120349	254883.68	401	3248.4	1453	2841.33	8	31.19	18	254.78	2069	10885.25	125336	320607.16
5	BIHAR	10448	66847.09	54394	289759.79	3456	25522.74	570144	3067786.58	1415	7024.86	308	1436.69	3952	21426.3	644117	3479804.05
6	CHANDIGARH	10	130.78	14	47.72	28	1708	0	0	0	0	0	0	0	0	52	1886.5
7	CHHATISGARH	17553	54576.08	129253	312663.97	3453	10055.54	132153	369103.24	2030	6551.97	17998	63178.78	12999	38907.39	315439	855036.97
8	DELHI	451	1628.15	6617	19879.55	106	131.26	283	814.51	3	3.12	45	66.78	0	0	7505	22523.37
9	GOA	492	903.73	3845	3934.24	135	157.88	1009	520.33	44	55.24	1049	1235.58	980	578.91	7554	7385.91
10	GUJARAT	64198	121507.5	447915	1056287.03	65197	326152.94	712935	2234854.37	7227	37201.08	8151	24981.04	5618	6791.04	1311241	3807775
11	HARYANA	15875	130610.6	171244	1467036.73	120201	1189061.51	11996	135116.2	135	985	30120	349196.76	1293	15690.25	350864	3287697.05
12	HIMACHAL PRADESH	3726	50889.7	12585	102410.79	852	17585.64	3013	10900.84	66	97.37	92	166.35	337	2304	20671	184354.69
13	JAMMU & KASHMIR	321	6202.22	10547	165652.74	219	493.64	112	1003.26	1	0.8	0	0	76	1601.98	11276	174954.64
14	JHARKHAND	8624	10391.2	157059	270349.12	516	868.62	5273	7882.58	179	584.97	17	22.25	5957	10761.52	177625	300860.26
15	KARNATAKA	163763	529894.37	114971	228140.73	795707	1644372.21	101156	212135.98	94833	207464.8	30240	92571.47	26735	46913.24	1327405	2961492.8
16	KERALA	8041	51661.47	39042	96410.27	10287	21567.87	39291	35796.82	685	532.41	3210	5911.53	2664	13991.23	103220	225871.6
17	MADHYA PRADESH	45314	168167.86	444721	1321838.22	242482	811151.97	1208054	4463853.34	17445	63268.53	103747	404075.05	6595	41072.28	2068358	7273427.25
18	MAHARASHTRA	647424	1475497.93	775084	1741515.35	1009016	2135655.64	252264	486815.34	79931	147758.08	54670	80867.2	84077	186348.89	2902466	6254458.43
19	MANIPUR	585	15528	113	2908	0	0	0	0	0	0	0	0	0	0	698	18436
20	MEGHALAYA	494	27994.47	7324	69268.7	17	174.45	350	11194.64	165	2467.5	2	46.8	321	6502.55	8673	117649.11
21	MIZORAM	325	9613.01	3203	3923.93	8	87.02	444	2103.17	1	20	1	3	236	312.17	4218	16062.3
22	NAGALAND	594	7576.18	14750	42212.53	8	20.27	16	130.3	6	7.88	0	0	49	166.4	15423	50113.56
23	ODISHA	10740	80243.79	290088	491788.42	5247	52076.53	96173	130618.98	578	717.03	578	496.12	14745	8057.53	418149	763998.4
24	PUDUCHERRY	1765	10709.96	1034	2564.67	1129	2745.41	235	568.77	16	53.21	1	4.88	5	19.1	4185	16666
25	PUNJAB	105748	782433.59	990517	5298364.78	23019	170922.21	592	3609.41	160	842.93	42	165.65	854	4900.1	1120932	6261238.67
26	RAJASTHAN	61317	210702.1	336433	1028502.18	130806	559216.12	485968	2091794.59	8771	35673.44	394069	2635949.24	1208	5619.12	1418572	6567456.79
27	SIKKIM	1015	11946.82	142	1639.25	3	10.2	0	0	0	0	0	0	0	0	1160	13596.27
28	TAMIL NADU	489881	965732.4	1002176	1970626.12	225066	470786.29	47091	77858.1	76081	151878.36	2977	6701.02	32464	98020.84	1875736	3741603.13
29	TELANGANA	237808	409492.06	487755	890661.19	348242	460138.67	298662	388504.29	15054	22593.83	4313	2500.44	7528	16092.22	1399362	2189982.7
30	TRIPURA	150	9133.77	1974	10588.43	2315	87499.23	324	1211.14	25	36.19	0	0	88	735.65	4876	109204.41
31	UTTARAKHAND	23391	273574.45	50993	340542.39	3409	21994.32	1022	5317.59	45	276.3	163	1364.71	1036	7027.02	80059	650096.78
32	UTTAR PRADESH	100176	805421.38	2384587	10441542.77	33669	217238.5	1213607	5188639.85	3966	19583.27	5382	32636.75	17591	91721.3	3758978	16796783.82
33	WEST BENGAL	58406	401664.11	376899	1547991.71	10542	156966.81	30588	128971.96	331	944.3	151	801.92	3022	17291.02	479939	2254631.83
Total		2159991	6977114.72	8892267	30695063.78	3126141	8563686.65	5380944	19351059.11	388055	830848.97	681286	3738104.41	237531	668002.87	20866215	70823880.51

MINOR IRRIGATION CENSUS(2013-14)

Table. XIX Number OF TRIBAL VILLAGES HAVING MAJOR/MEDIUM IRRIGATION SCHEMES, MINOR IRRIGATION SCHEMES AND NO IRRIGATION SCHMES

(In Nos.)

S.N	State	Only Major / Medium Schmes	Only Minor Irrigation Scheme	Both Major/Medium & MI Scheme	No Irrigation Scheme
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDAMAN & NICOBARS	0	42	0	25
2	ANDHRA PRADESH	7	2676	92	1500
3	ARUNACHAL PRADESH	4	2281	26	1634
4	ASSAM	24	1446	66	3850
5	BIHAR	46	931	139	265
6	CHHATISGARH	70	7117	311	3027
7	GUJARAT	104	3927	1654	204
8	HIMACHAL PRADESH	0	590	0	977
9	JAMMU & KASHMIR	11	100	18	366
10	JHARKHAND	26	13445	269	2492
11	KARNATAKA	5	467	57	12
12	KERALA	0	1	0	0
13	MADHYA PRADESH	214	11377	1145	2142
14	MAHARASHTRA	18	9395	436	736
15	MANIPUR	0	292	0	1817
16	MEGHALAYA	9	3043	166	3321
17	MIZORAM	1	153	9	663
18	NAGALAND	0	1078	35	1
19	ODISHA	104	13187	993	3078

MINOR IRRIGATION CENSUS(2013-14)

Table. XIX Number OF TRIBAL VILLAGES HAVING MAJOR/MEDIUM IRRIGATION SCHEMES, MINOR IRRIGATION SCHEMES AND NO IRRIGATION SCHMES

(In Nos.)

S.N	State	Only Major / Medium Schmes	Only Minor Irrigation Scheme	Both Major/Medium & MI Scheme	No Irrigation Scheme
(1)	(2)	(3)	(4)	(5)	(6)
20	RAJASTHAN	210	6215	854	164
21	SIKKIM	0	155	1	95
22	TAMIL NADU	12	1155	344	114
23	TELANGANA	27	1155	132	122
24	TRIPURA	2	386	7	188
25	UTTARAKHAND	0	502	0	162
26	UTTAR PRADESH	90	1589	400	55
27	WEST BENGAL	46	2178	229	636
Total :		1030	84883	7383	27646

DUGWELLS TABLES

MINOR IRRIGATION CENSUS (2013-14)
Table.1.1 NUMBER OF DUGWELLS BY TYPE

(In Nos.)

Sl. No	State	Pucca	Kutcha	Dug-cum bore well	Others	Total (3 to 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDAMAN & NICOBARS	882	434	0	18	1334
2	ANDHRA PRADESH	123979	70264	15279	2508	212030
3	ARUNACHAL PRADESH	3	17	1	0	21
4	ASSAM	13	35	3	164	215
5	BIHAR	8757	3284	9500	1336	22877
6	CHHATISGARH	16319	1536	27929	1827	47611
7	GOA	3891	766	7	9	4673
8	GUJARAT	865526	39417	26346	978	932267
9	HARYANA	14	0	5	9	28
10	HIMACHAL PRADESH	283	38	316	27	664
11	JAMMU & KASHMIR	16	2	273	4	295
12	JHARKHAND	156291	9470	7265	4897	177923
13	KARNATAKA	104801	78961	19539	14670	217971
14	KERALA	61990	8430	2555	1283	74258
15	MADHYA PRADESH	852300	431300	113987	22067	1419654
16	MAHARASHTRA	1600127	383950	203674	84025	2271776
17	MEGHALAYA	69	5	1	5	80
18	NAGALAND	0	11	1	0	12
19	ODISHA	228607	87421	5229	1977	323234
20	PUDUCHERRY	16	2	38	1	57
21	RAJASTHAN	618350	80227	176594	443	875614
22	TAMIL NADU	1082851	297307	184105	18455	1582718
23	TELANGANA	105292	363174	28099	8787	505352

MINOR IRRIGATION CENSUS (2013-14)

Table.1.1 NUMBER OF DUGWELLS BY TYPE

(In Nos.)

Sl. No	State	Pucca	Kutcha	Dug-cum bore well	Others	Total (3 to 6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
24	TRIPURA	44	74	33	4	155
25	UTTARAKHAND	15	27	233	63	338
26	UTTAR PRADESH	69964	10950	26472	1302	108688
27	WEST BENGAL	2908	1016	1107	723	5754
	Total	5903308	1868118	848591	165582	8785599

MINOR IRRIGATION CENSUS (2013-14)
Table.1.2 DISTRIBUTION OF DUGWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl.No	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	155	7	145	44	351	143	840	983	1334
2	ANDHRA PRADESH	257	93	251	188	789	15155	196086	211241	212030
3	ARUNACHAL PRADESH	21	0	0	0	21	0	0	0	21
4	ASSAM	58	6	0	1	65	21	129	150	215
5	BIHAR	3166	190	111	107	3574	423	18880	19303	22877
6	CHHATISGARH	602	25	18	297	942	308	46361	46669	47611
7	GOA	72	14	10	64	160	246	4267	4513	4673
8	GUJARAT	3763	1925	967	82	6737	3563	921967	925530	932267
9	HARYANA	3	1	0	0	4	15	9	24	28
10	HIMACHAL PRADESH	22	38	28	8	96	69	499	568	664
11	JAMMU & KASHMIR	1	0	0	1	2	1	292	293	295
12	JHARKHAND	18478	6777	1278	790	27323	1421	149179	150600	177923
13	KARNATAKA	230	56	94	546	926	99	216946	217045	217971
14	KERALA	234	118	279	659	1290	290	72678	72968	74258
15	MADHYA PRADESH	14350	2758	2006	2669	21783	207020	1190851	1397871	1419654
16	MAHARASHTRA	13700	3003	3104	2386	22193	496703	1752880	2249583	2271776
17	MEGHALAYA	63	3	1	0	67	2	11	13	80
18	NAGALAND	0	0	0	0	0	12	0	12	12
19	ODISHA	1899	653	352	235	3139	182	319913	320095	323234
20	PUDUCHERRY	0	0	0	1	1	1	55	56	57
21	RAJASTHAN	5560	117	112	2538	8327	668846	198441	867287	875614

MINOR IRRIGATION CENSUS (2013-14)

Table.1.2 DISTRIBUTION OF DUGWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl.No	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
22	TAMIL NADU	11101	13566	5537	14080	44284	498299	1040135	1538434	1582718
23	TELANGANA	1285	202	308	290	2085	11318	491949	503267	505352
24	TRIPURA	8	0	7	0	15	6	134	140	155
25	UTTARAKHAND	97	9	28	5	139	34	165	199	338
26	UTTAR PRADESH	1671	1086	1284	121	4162	1462	103064	104526	108688
27	WEST BENGAL	606	462	313	89	1470	1711	2573	4284	5754
	Total	77402	31109	16233	25201	149945	1907350	6728304	8635654	8785599

MINOR IRRIGATION CENSUS (2013-14)
Table.1.3 DISTRIBUTION OF DUGWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

S.N	State	No. of Dugwells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	6	55	437	342	840	494	1334
2	ANDHRA PRADESH	16185	5273	98634	75994	196086	15944	212030
3	ARUNACHAL PRADESH	0	0	0	0	0	21	21
4	ASSAM	5	18	17	89	129	86	215
5	BIHAR	2077	1751	10527	4525	18880	3997	22877
6	CHHATISGARH	3032	22366	18735	2228	46361	1250	47611
7	GOA	63	685	972	2547	4267	406	4673
8	GUJARAT	36311	85685	317786	482185	921967	10300	932267
9	HARYANA	0	0	0	9	9	19	28
10	HIMACHAL PRADESH	58	28	180	233	499	165	664
11	JAMMU & KASHMIR	102	19	30	141	292	3	295
12	JHARKHAND	19281	57253	60003	12642	149179	28744	177923
13	KARNATAKA	25623	11927	61103	118293	216946	1025	217971
14	KERALA	1366	408	31848	39056	72678	1580	74258
15	MADHYA PRADESH	111889	200496	690576	187890	1190851	228803	1419654
16	MAHARASHTRA	174022	121177	669710	787971	1752880	518896	2271776
17	MEGHALAYA	0	8	0	3	11	69	80
18	NAGALAND	0	0	0	0	0	12	12
19	ODISHA	41643	90996	154554	32720	319913	3321	323234
20	PUDUCHERRY	0	0	53	2	55	2	57

MINOR IRRIGATION CENSUS (2013-14)

Table.1.3 DISTRIBUTION OF DUGWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

S.N	State	No. of Dugwells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
21	RAJASTHAN	20599	31045	99528	47269	198441	677173	875614
22	TAMIL NADU	76670	15800	836393	111272	1040135	542583	1582718
23	TELANGANA	56679	62439	259630	113201	491949	13403	505352
24	TRIPURA	30	17	20	67	134	21	155
25	UTTARAKHAND	5	6	66	88	165	173	338
26	UTTAR PRADESH	18944	4909	63756	15455	103064	5624	108688
27	WEST BENGAL	527	444	508	1094	2573	3181	5754
	Total:	605117	712805	3375066	2035316	6728304	2057295	8785599

MINOR IRRIGATION CENSUS (2013-14)
Table.1.4 DISTRIBUTION OF DUGWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Dugwells by size class of owned					
		Marginal (0-1 ha)	Small (1-2 ha)	Semi Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10 ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	77	212	386	150	15	840
2	ANDHRA PRADESH	94400	65402	28838	6717	729	196086
3	ASSAM	23	33	61	12	0	129
4	BIHAR	2925	4155	7564	1505	2731	18880
5	CHHATISGARH	13316	13202	11901	6597	1345	46361
6	GOA	3242	575	275	131	44	4267
7	GUJARAT	305092	323734	194194	64262	34685	921967
8	HARYANA	0	2	1	4	2	9
9	HIMACHAL PRADESH	182	164	95	44	14	499
10	JAMMU & KASHMIR	230	46	13	3	0	292
11	JHARKHAND	45606	72688	23017	2908	4960	149179
12	KARNATAKA	76753	69337	47542	19573	3741	216946
13	KERALA	64670	5930	1356	350	372	72678
14	MADHYA PRADESH	216578	397665	353562	193822	29224	1190851
15	MAHARASHTRA	498612	724386	365480	140571	23831	1752880
16	MEGHALAYA	2	5	2	2	0	11

MINOR IRRIGATION CENSUS (2013-14)

Table.1.4 DISTRIBUTION OF DUGWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Dugwells by size class of owned					
		Marginal (0-1 ha)	Small (1-2 ha)	Semi Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10 ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17	ODISHA	114855	108914	76763	16313	3068	319913
18	PUDUCHERRY	43	6	5	1	0	55
19	RAJASTHAN	20162	43526	62989	56109	15655	198441
20	TAMIL NADU	535216	274725	121322	35770	73102	1040135
21	TELANGANA	244209	177324	60324	9245	847	491949
22	TRIPURA	39	45	42	7	1	134
23	UTTARAKHAND	23	39	69	29	5	165
24	UTTAR PRADESH	18461	36038	33936	11876	2753	103064
25	WEST BENGAL	1368	695	334	77	99	2573
	Total	2256084	2318848	1390071	566078	197223	6728304

MINOR IRRIGATION CENSUS (2013-14)

Table.1.5 DISTRIBUTION OF DUGWELLS AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl.No	State	Number and Cost of Construction Over The Years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDAMAN & NICOBARS	649	67349	274	35222	121	13611	53	6257	30	3608	86	12170	84	10683	37	5095	1334	153995
2	ANDHRA PRADESH	192263	4728491	9521	300657	4146	125693	1952	71984	1360	51110	1127	44526	823	35564	838	32846	212030	5390871
3	ARUNACHAL PRADESH	7	10213	9	14471	0	0	1	8000	0	0	3	4303	1	1500	0	0	21	38487
4	ASSAM	67	57097	19	171	17	3148	41	8945	25	227	27	237	17	162	2	15	215	70002
5	BIHAR	12295	482253	2947	120331	1798	57916	1102	33108	1231	47413	2276	126490	446	21015	782	50829	22877	939355
6	CHHATISGARH	34260	1621506	4389	265434	2684	308702	2074	103180	1485	74540	1190	68612	886	47585	643	31589	47611	2521148
7	GOA	3479	99463	495	14607	227	10438	284	10687	106	5341	78	3962	4	157	0	0	4673	144655
8	GUJARAT	778246	116576054	26610	4056492	19481	3827222	83881	23495134	12900	2515007	6659	1554317	4441	1113556	49	7496	932267	153145278
9	HARYANA	19	2315	7	2130	0	0	2	200	0	0	0	0	0	0	0	0	28	4645
10	HIMACHAL PRADESH	343	70491	109	14054	66	6582	49	5920	21	3444	23	2212	35	4645	18	4260	664	111608
11	JAMMU & KASHMIR	31	1023	73	3400	11	491	7	370	19	974	27	1291	108	5485	19	1169	295	14203
12	JHARKHAND	70226	28411426	31262	17649780	9416	4318062	6836	2081367	31014	11087087	10635	5004024	8354	3228744	10180	40848864	177923	112629354
13	KARNATAKA	124777	43713340	38314	42937333	15787	12624116	11724	23368326	9967	24598612	6823	6085054	4248	4268186	6331	14917007	217971	172511974
14	KERALA	45400	1334195	8212	313114	4507	177434	3472	154554	2781	109180	3040	114073	3140	123974	3706	162737	74258	2489261
15	MADHYA PRADESH	896280	93613989	224104	28052698	117233	12002994	78974	8867523	39044	3836927	32467	4081568	18639	1974853	12913	1399859	1419654	153830411
16	MAHARASHTRA	1305854	123073192	651962	37324290	89667	15275902	61297	8466090	54614	4629494	36078	9107249	43828	5908736	28476	3386181	2271776	207171134
17	MEGHALAYA	56	7800	6	1426	2	275	5	1031	4	4430	3	1062	2	772	2	701	80	17497
18	NAGALAND	0	0	0	0	0	0	12	487	0	0	0	0	0	0	0	0	12	487
19	ODISHA	271274	7844610	24982	637098	10941	814320	6407	153131	3325	90195	2662	77453	2380	91094	1263	50369	323234	9758270
20	PUDUCHERRY	48	5271	9	470	0	0	0	0	0	0	0	0	0	0	0	0	57	5741
21	RAJASTHAN	797878	63077091	34631	3525134	17387	1840246	10843	1219008	5769	718222	3961	501491	3083	399665	2062	282019	875614	71562876
22	TAMIL NADU	1474714	225362497	54432	23715694	14612	3262694	7263	911305	5780	885961	4108	545921	3431	412526	18378	2220667	1582718	257317265
23	TELANGANA	391423	25750993	44704	2921359	25501	1605482	13277	950868	8924	501992	7176	384901	4747	290696	9600	570284	505352	32976575
24	TRIPURA	155	5797	0	0	0	0	0	0	0	0	0	0	0	0	0	0	155	5797
25	UTTARAKHAND	242	175505	56	3218	14	17057	7	12818	1	1000	8	38720	6	21950	4	21500	338	291768
26	UTTAR PRADESH	69255	10918155	13390	2639914	6890	1475879	4922	1006298	4038	874841	4451	1498318	3516	969511	2226	526101	108688	19909017
27	WEST BENGAL	4022	935147	691	314810	173	8323	176	9760	103	7086	301	44680	115	5035	173	14314	5754	1339155
	Total	6473263	747945263	1171208	164863307	340681	57776587	294661	70946351	182541	50046691	123209	29302634	102334	18936094	97702	64533902	8785599	1204350829

MINOR IRRIGATION CENSUS (2013-14)
Table.1.6 DISTRIBUTION OF DUGWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Dugwells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	1031	300	3	0	0	1334
2	ANDHRA PRADESH	111576	95303	5030	98	23	212030
3	ARUNACHAL PRADESH	21	0	0	0	0	21
4	ASSAM	55	140	3	1	16	215
5	BIHAR	10319	8295	4233	15	15	22877
6	CHHATISGARH	42358	4852	374	11	16	47611
7	GOA	2331	2305	37	0	0	4673
8	GUJARAT	211377	126908	220985	257440	115557	932267
9	HARYANA	5	11	11	0	1	28
10	HIMACHAL PRADESH	574	50	37	2	1	664
11	JAMMU & KASHMIR	16	198	81	0	0	295
12	JHARKHAND	164435	11678	1668	119	23	177923
13	KARNATAKA	45748	111474	52197	5157	3395	217971
14	KERALA	41182	31910	1117	43	6	74258
15	MADHYA PRADESH	633191	690568	91437	3689	769	1419654
16	MAHARASHTRA	1736554	386786	139561	5420	3455	2271776
17	MEGHALAYA	71	7	2	0	0	80
18	NAGALAND	12	0	0	0	0	12
19	ODISHA	263006	59312	880	10	26	323234
20	PUDUCHERRY	0	51	6	0	0	57
21	RAJASTHAN	272362	477772	122448	2945	87	875614
22	TAMIL NADU	280037	1053207	228508	14553	6413	1582718

MINOR IRRIGATION CENSUS (2013-14)

Table.1.6 DISTRIBUTION OF DUGWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Dugwells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
23	TELANGANA	55071	390403	52994	6118	766	505352
24	TRIPURA	132	23	0	0	0	155
25	UTTARAKHAND	126	206	4	1	1	338
26	UTTAR PRADESH	43543	56243	7586	978	338	108688
27	WEST BENGAL	1727	2255	1424	206	142	5754
	Total	3916860	3510257	930626	296806	131050	8785599

MINOR IRRIGATION CENSUS (2013-14)

Table.1.7 DISTRIBUTION OF DUGWELLS ACCORDING TO MAJOR SOURCE (UNDER INDIVIDUAL OWNERSHIP) OF FINANCE

(In Nos.)

Sl. No.	State	With one source of Finance						With two Sources of finance								Grand Total (8+16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	14	277	529	0	5	825	0	14	0	0	0	0	1	15	840
2	ANDHRA PRADESH	1220	2070	114979	1450	567	120286	6523	1921	30464	506	125	133	36128	75800	196086
3	ASSAM	0	0	90	0	0	90	0	0	2	0	0	0	37	39	129
4	BIHAR	1448	223	2463	6	40	4180	504	447	523	1712	79	18	11417	14700	18880
5	CHHATISGARH	616	1987	27428	7	598	30636	4813	260	12	407	71	1	10161	15725	46361
6	GOA	178	167	3427	12	453	4237	6	13	0	1	0	0	10	30	4267
7	GUJARAT	48409	14144	359056	4064	485029	910702	51	12	2	529	44	2	10625	11265	921967
8	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	9	9	9
9	HIMACHAL PRADESH	24	12	227	0	19	282	52	31	0	12	1	0	121	217	499
10	JAMMU & KASHMIR	0	0	254	38	0	292	0	0	0	0	0	0	0	0	292
11	JHARKHAND	1244	97310	13257	15	1107	112933	120	652	14	8647	9	33	26771	36246	149179
12	KARNATAKA	32025	1095	94050	1236	4338	132744	52785	1161	3538	9002	2121	399	15196	84202	216946
13	KERALA	2821	536	48812	54	631	52854	8103	8159	148	1004	18	49	2343	19824	72678
14	MADHYA PRADESH	49496	33662	773369	9883	17244	883654	17007	7150	13896	7327	354	42	261421	307197	1190851
15	MAHARASHTRA	153429	93737	913320	1315	13832	1175633	317631	5507	290	22150	972	80	230617	577247	1752880
16	MEGHALAYA	0	1	3	0	0	4	0	0	0	0	0	0	7	7	11
17	ODISHA	19369	38816	165983	771	372	225311	18439	51721	8207	4958	157	569	10551	94602	319913
18	PUDUCHERRY	0	2	53	0	0	55	0	0	0	0	0	0	0	0	55
19	RAJASTHAN	6286	363	76509	1392	810	85360	51087	1982	14362	3462	2124	84	39980	113081	198441
20	TAMIL NADU	17075	4327	694802	4332	9833	730369	63672	13696	65853	5732	1917	345	158551	309766	1040135
21	TELANGANA	6573	2405	231523	14347	4689	259537	16041	2965	117352	641	3486	631	91296	232412	491949
22	TRIPURA	0	43	85	0	6	134	0	0	0	0	0	0	0	0	134
23	UTTARAKHAND	0	1	44	0	0	45	8	2	21	1	0	1	87	120	165
24	UTTAR PRADESH	2745	4654	79782	1119	390	88690	3887	1724	4186	407	250	69	3851	14374	103064
25	WEST BENGAL	135	57	943	3	18	1156	144	38	4	307	0	3	921	1417	2573
	Total	343107	295889	3600988	40044	539981	4820009	560873	97455	258874	66805	11728	2459	910101	1908295	6728304

MINOR IRRIGATION CENSUS (2013-14)
Table.1.8 DISTRIBUTION OF DUGWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No	State	Dugwells in use	Dugwells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDAMAN & NICOBARS	1321	10	3	13	1334
2	ANDHRA PRADESH	128940	22264	60826	83090	212030
3	ARUNACHAL PRADESH	14	3	4	7	21
4	ASSAM	202	11	2	13	215
5	BIHAR	22155	639	83	722	22877
6	CHHATISGARH	47540	67	4	71	47611
7	GOA	4526	84	63	147	4673
8	GUJARAT	918908	9969	3390	13359	932267
9	HARYANA	28	0	0	0	28
10	HIMACHAL PRADESH	660	3	1	4	664
11	JAMMU & KASHMIR	295	0	0	0	295
12	JHARKHAND	123142	54708	73	54781	177923
13	KARNATAKA	212762	2359	2850	5209	217971
14	KERALA	74093	118	47	165	74258
15	MADHYA PRADESH	1407967	3894	7793	11687	1419654
16	MAHARASHTRA	2256839	12471	2466	14937	2271776
17	MEGHALAYA	79	1	0	1	80
18	NAGALAND	12	0	0	0	12
19	ODISHA	266358	36734	20142	56876	323234
20	PUDUCHERRY	53	0	4	4	57
21	RAJASTHAN	832503	21838	21273	43111	875614
22	TAMIL NADU	1417018	106313	59387	165700	1582718

MINOR IRRIGATION CENSUS (2013-14)

Table.1.8 DISTRIBUTION OF DUGWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No	State	Dugwells in use	Dugwells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
23	TELANGANA	462830	28650	13872	42522	505352
24	TRIPURA	154	0	1	1	155
25	UTTARAKHAND	295	16	27	43	338
26	UTTAR PRADESH	105587	2296	805	3101	108688
27	WEST BENGAL	5142	153	459	612	5754
	Total	8289423	302601	193575	496176	8785599

MINOR IRRIGATION CENSUS (2013-14)
Table.1.9 DISTRIBUTION OF DUGWELLS TEMPORARILY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No	State	Non Availability of Adequate Power/Fuel		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	0	0	0	0	2	0.8	0	0	4	2.8	4	1.4	10	5
2	ANDHRA PRADESH	540	415.7	1424	784.14	18058	19313.77	95	39.5	383	266.38	1764	1106.33	22264	21925.82
3	ARUNACHAL PRADESH	0	0	2	6	1	3	0	0	0	0	0	0	3	9
4	ASSAM	0	0	6	44.9	2	2	1	1.6	0	0	2	57.3	11	105.8
5	BIHAR	91	41.5	132	90.24	319	224.72	15	7	19	17.42	63	50.75	639	431.63
6	CHHATISGARH	32	0.91	5	1.18	11	0	7	0	2	0.1	10	0.4	67	2.59
7	GOA	3	0.58	3	0.1	13	2.25	1	0	1	0.2	63	18.42	84	21.55
8	GUJARAT	127	61.7	344	367.84	1907	3256.35	3	3.22	1	2.76	7587	11150	9969	14841.87
9	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	3	1	3	1
10	JHARKHAND	71	22.46	512	304.5	53897	357.87	56	12.33	29	13.92	143	26.41	54708	737.49
11	KARNATAKA	433	17.92	144	15.94	1454	180.81	36	0.3	46	1.88	246	0.4	2359	217.25
12	KERALA	12	0	55	3.25	14	0.87	7	0	8	0.04	22	3.57	118	7.73
13	MADHYA PRADESH	490	170.81	489	131.68	1797	1121.51	123	32.79	162	60.75	833	1213.43	3894	2730.97
14	MAHARASHTRA	1279	580.43	1118	238.63	5774	4355.25	441	333.26	583	247.28	3276	560.88	12471	6315.73
15	MEGHALAYA	0	0	0	0	0	0	0	0	0	0	1	3	1	3
16	ODISHA	426	319.25	3002	2208.72	11419	7595.09	3072	1955.36	8187	4793.67	10628	6449.32	36734	23321.41
17	RAJASTHAN	219	662.24	1305	2815.04	16800	36996.87	209	713.21	626	1632.82	2679	6182.01	21838	49002.19
18	TAMIL NADU	8250	11210.9	6657	25668.58	76218	99022.91	2207	1949.71	3198	2386.51	9783	9118.85	106313	149357.46
19	TELANGANA	1319	1057.06	2036	1752.68	20922	22814.48	538	468.63	243	291.18	3592	5255.05	28650	31639.08
20	UTTARAKHAND	0	0	0	0	0	0	0	0	0	0	16	5.8	16	5.8
21	UTTAR PRADESH	245	100.15	436	137.13	1351	361.97	50	37.75	25	22.92	189	115.68	2296	775.6
22	WEST BENGAL	14	16.85	50	25.18	52	21.67	2	0.5	2	1.13	33	7.84	153	73.17
	Total	13551	14678.46	17720	34595.73	210011	195632.19	6863	5555.16	13519	9741.76	40937	41327.84	302601	301531.14

MINOR IRRIGATION CENSUS (2013-14)
Table.1.10 DISTRIBUTION OF DUGWELLS PERMANENTLY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No	State	Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/ Medium Irrigation Projects		Other reasons		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	0	0	0	0	1	0.4	1	0.4	0	0	0	0	1	0.2	3	1
2	ANDHRA PRADESH	1019	768.68	43649	41257.39	11465	12606.61	103	104.14	127	91.08	256	214.83	4207	4476.47	60826	59519.2
3	ARUNACHAL PRADESH	0	0	1	3	2	8	0	0	0	0	0	0	1	3	4	14
4	ASSAM	0	0	0	0	0	0	0	0	0	0	1	3	1	28	2	31
5	BIHAR	17	90	33	82.59	10	42	2	1	7	23	2	4	12	62.84	83	305.43
6	CHHATISGARH	1	2	0	0	0	0	0	0	0	0	0	0	3	2.35	4	4.35
7	GOA	1	0.83	6	0.37	7	0.69	7	8.33	0	0	0	0	42	12.82	63	23.04
8	GUJARAT	47	115.15	1375	4317.87	43	56.63	98	77.33	18	13.79	20	7.3	1789	4931.71	3390	9519.78
9	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
10	JHARKHAND	2	5.67	19	44.15	4	15.41	1	0.35	0	0	0	0	47	39.35	73	104.93
11	KARNATAKA	341	783.15	564	264.84	170	230.32	2	0	4	2.94	6	6.01	1763	1852.35	2850	3139.61
12	KERALA	3	0.63	6	0.84	17	3.21	0	0	1	0.32	1	2.5	19	4.82	47	12.32
13	MADHYA PRADESH	159	86.69	2382	1504.02	723	444.79	43	615.27	113	28.77	2280	275.23	2093	258.63	7793	3213.4
14	MAHARASHTRA	203	182.26	1279	919.08	315	342.21	63	59.41	14	10.38	134	146.53	458	407.64	2466	2067.51
15	ODISHA	213	121.17	3369	2948.87	11408	6068.47	258	157.36	849	568.94	299	218.12	3746	2047.36	20142	12130.29
16	PUDUCHERRY	0	0	0	0	2	0	0	0	0	0	2	3.22	0	0	4	3.22
17	RAJASTHAN	796	3365.11	15847	41339.54	2024	5569.87	0	0	35	55.51	155	491.4	2416	4997.1	21273	55818.53
18	TAMIL NADU	8285	17665.56	27081	42231.24	15512	22048.79	347	1105.73	431	739.69	318	782.18	7413	12351.53	59387	96924.72
19	TELANGANA	533	525.95	9601	9557.5	2958	3293.39	138	170.25	81	64.71	171	201.14	390	444.41	13872	14257.35
20	TRIPURA	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	2
21	UTTARAKHAND	0	0	2	96	0	0	0	0	0	0	0	0	25	0	27	96
22	UTTAR PRADESH	104	5	267	23	242	82	1	0	0	0	0	0	191	184	805	294
23	WEST BENGAL	12	25.5	17	51.43	272	614.69	1	0.48	1	7	2	1.16	154	387.04	459	1087.3
	Total	11736	23743.35	105498	144641.73	45175	51427.48	1065	2300.05	1681	1606.13	3647	2356.62	24773	32493.62	193575	258568.98

MINOR IRRIGATION CENSUS (2013-14)

Table.1.11 DISTRIBUTION OF DUGWELLS IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In No./ Area in ha.)

Sl. No	State	Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	23	21.65	120	154.02	0	0	621	585.37	12	16.7	1	0.3	544	370.12	1321	1148.16
2	ANDHRA PRADESH	11182	14735.69	92050	81134.68	3858	6490.52	19334	22691.67	1658	1816.71	489	466.58	369	278.8	128940	127614.65
3	ARUNACHAL PRADESH	5	13	8	33	0	0	0	0	0	0	0	0	1	2	14	48
4	ASSAM	4	21.42	192	359.15	5	47.2	1	25	0	0	0	0	0	0	202	452.77
5	BIHAR	1337	4438.22	2814	10431.04	355	1538.24	17353	129535.26	86	328.5	13	124	197	1159.24	22155	147554.5
6	CHHATISGARH	3283	4047	34080	27488.54	277	344.86	7770	10078.92	40	111.77	365	315.24	1725	954.78	47540	43341.11
7	GOA	232	176.98	1760	1254.33	107	101.33	886	410.03	24	19.87	757	745.7	760	336.29	4526	3044.53
8	GUJARAT	59835	103016.85	398248	708970.21	19309	37227.85	435974	582263.09	644	930.66	178	401.73	4720	5448.94	918908	1438259.33
9	HARYANA	8	54	15	140	4	40	0	0	0	0	1	12	0	0	28	246
10	HIMACHAL PRADESH	69	421.62	310	788.86	90	698.44	169	381.91	1	1	19	44.38	2	4.66	660	2340.87
11	JAMMU & KASHMIR	4	7.78	93	392.03	195	184.7	3	2.22	0	0	0	0	0	0	295	586.73
12	JHARKHAND	5365	5119.28	110573	145326.72	357	509.96	3283	3262.42	131	447.12	10	6.9	3423	4581.83	123142	159254.23
13	KARNATAKA	33671	102865.46	21840	39036.63	100067	216186.3	31056	52190.52	11598	36330.45	9488	23449.43	5042	7224.07	212762	477282.86
14	KERALA	4867	2462.23	28642	15162.62	7002	4246.66	30184	13726.39	402	217.1	1599	1146.26	1397	1659.47	74093	38620.73
15	MADHYA PRADESH	31458	74808.71	360206	968817.97	171249	480285.71	797457	2247631.49	13997	48019.99	30081	87619.36	3519	8709.59	1407967	3915892.82
16	MAHARASHTRA	544108	1000423.65	598069	1172516.89	748938	1502180.32	190544	314627.99	61212	113155.7	42962	60698.08	71006	129077.51	2256839	4292680.14
17	MEGHALAYA	7	226	63	1800.8	0	0	6	174	0	0	0	0	3	57	79	2257.8
18	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	12	28.6	12	28.6
19	ODISHA	4296	3704.37	212512	87948.92	1176	837.21	34874	14653.4	410	143.15	483	204.12	12607	3026.96	266358	110518.13
20	PUDUCHERRY	14	22.81	8	10.61	31	27.96	0	0	0	0	0	0	0	0	53	61.38
21	RAJASTHAN	50273	117651.46	275678	719218.05	63726	182053.66	300219	935093.97	4936	12837.65	137039	718842.3	632	1500.91	832503	2687198
22	TAMIL NADU	390139	685434.12	762145	1190025.27	150349	221096.02	31234	37920.52	57631	107372.75	1906	4062.74	23614	29162.97	1417018	2275074.39
23	TELANGANA	81327	116535.67	218859	284403.18	86567	104576.17	69007	89835.59	4894	7977.18	964	680.22	1212	1293.01	462830	605301.02
24	TRIPURA	2	3.3	144	253.22	3	4.6	1	1.75	0	0	0	0	4	5.85	154	268.72
25	UTTARAKHAND	101	4144.8	193	1719.39	0	0	0	0	0	0	0	0	1	6	295	5870.19
26	UTTAR PRADESH	1941	10375.4	34656	137307.49	1792	7047.86	63664	182563.7	632	2127.41	1723	8414.4	1179	3885.35	105587	351721.61
27	WEST BENGAL	1904	3831.95	2819	6999.74	95	367.01	241	737.72	4	8.37	1	0.84	78	117.33	5142	12062.96
	Total	1225455	2254563.42	3156097	5601693.36	1355552	2766092.58	2033881	4638392.93	158312	331862.08	228079	907234.58	132047	198891.28	8289423	16698730.23

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Table.1.12 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

(In Nos.)

Sl. No	State	With One lifting Device						With two lifting Device					Grand Total (8+13)
		Submersible Pump	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	6	732	0	568	13	1319	0	0	0	12	12	1331
2	ANDHRA PRADESH	36766	99563	1662	1492	6372	145855	782	45	113	4408	5348	151203
3	ARUNACHAL PRADESH	17	0	0	0	0	17	0	0	0	0	0	17
4	ASSAM	9	201	0	1	0	211	0	0	0	2	2	213
5	BIHAR	2256	13795	250	38	701	17040	1748	549	457	2987	5741	22781
6	CHHATISGARH	26923	12006	1531	3188	3029	46677	197	2	0	728	927	47604
7	GOA	1508	1882	0	1053	150	4593	6	0	0	11	17	4610
8	GUJARAT	857572	54646	266	718	7361	920563	7217	687	8	350	8262	928825
9	HARYANA	25	3	0	0	0	28	0	0	0	0	0	28
10	HIMACHAL PRADESH	317	218	8	70	44	657	1	0	2	3	6	663
11	JAMMU & KASHMIR	206	88	0	1	0	295	0	0	0	0	0	295
12	JHARKHAND	2874	72438	171	61497	29604	166584	1504	44	169	9511	11228	177812
13	KARNATAKA	156611	36630	4582	19	7709	205551	6719	158	201	2486	9564	215115
14	KERALA	10551	60466	69	263	570	71919	505	0	4	1783	2292	74211
15	MADHYA PRADESH	743164	511692	3840	286	106102	1365084	13762	687	697	31221	46367	1411451
16	MAHARASHTRA	1222335	919056	17278	1406	98325	2258400	6240	355	129	3285	10009	2268409
17	MEGHALAYA	0	16	0	49	9	74	0	0	0	6	6	80
18	NAGALAND	3	6	0	0	0	9	0	0	0	3	3	12
19	ODISHA	8987	105221	3375	168583	6075	292241	591	20	132	9214	9957	302198
20	PUDUCHERRY	53	0	0	0	0	53	0	0	0	0	0	53
21	RAJASTHAN	260595	552734	1813	21674	3389	840205	4214	154	78	339	4785	844990
22	TAMIL NADU	649888	775859	18519	256	32838	1477360	25450	2229	1502	9030	38211	1515571
23	TELANGANA	222354	232497	2556	16	4295	461718	3807	77	67	3818	7769	469487
24	TRIPURA	10	20	0	124	0	154	0	0	0	0	0	154
25	UTTARAKHAND	192	76	1	0	7	276	35	0	0	0	35	311
26	UTTAR PRADESH	10178	88949	307	90	3516	103040	1824	13	53	2926	4816	107856
27	WEST BENGAL	2003	2018	9	87	46	4163	117	5	1	1007	1130	5293
	Total	4215403	3540812	56237	261479	310155	8384086	74719	5025	3613	83130	166487	8550573

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Table.1.13 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

(IN NOS)

Sl. No.	State	With one source of energy							With two Source of Energy								Grand Total (9+17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Others	Total (3 to 8)	Electric & Diesel	Electric & Windmill	Electric & Solar	Diesel & Windmills	Diesel & Solar	Windmill & Solar	Others	Total (10 to 17)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	637	105	2	1	567	2	1314	3	0	0	0	0	0	14	17	1331
2	ANDHRA PRADESH	86044	38274	442	57	1906	18924	145647	2404	9	9	25	37	0	3072	5556	151203
3	ARUNACHAL PRADESH	17	0	0	0	0	0	17	0	0	0	0	0	0	0	0	17
4	ASSAM	12	195	0	0	1	0	208	0	0	0	1	0	0	4	5	213
5	BIHAR	2662	12317	64	17	80	550	15690	4681	60	37	78	37	9	2189	7091	22781
6	CHHATISGARH	38524	2637	4	32	4349	178	45724	690	36	107	9	17	1	1020	1880	47604
7	GOA	3148	251	1	0	1053	140	4593	6	0	0	0	0	0	11	17	4610
8	GUJARAT	902634	10160	47	1	738	1140	914720	13768	15	1	4	5	0	312	14105	928825
9	HARYANA	22	2	0	0	0	0	24	3	0	0	0	0	0	1	4	28
10	HIMACHAL PRADESH	547	13	0	0	70	1	631	28	1	0	0	0	0	3	32	663
11	JAMMU & KASHMIR	293	0	0	0	1	1	295	0	0	0	0	0	0	0	0	295
12	JHARKHAND	2022	69439	47	27	62304	1513	135352	14727	23	16	56	52	2	27584	42460	177812
13	KARNATAKA	198039	2459	69	54	269	589	201479	10197	207	519	3	6	1	2703	13636	215115
14	KERALA	70074	644	5	9	499	121	71352	425	4	16	0	4	0	2410	2859	74211
15	MADHYA PRADESH	1247374	93843	489	203	521	2278	1344708	15522	970	405	80	12	3	49751	66743	1411451
16	MAHARASHTRA	2152880	42093	1586	190	1665	6653	2205067	30725	3077	589	217	23	20	28691	63342	2268409
17	MEGHALAYA	0	17	0	1	57	2	77	0	0	0	0	0	0	3	3	80
18	NAGALAND	2	5	0	0	1	0	8	0	0	0	0	1	0	3	4	12
19	ODISHA	35402	79496	81	127	173043	2799	290948	1022	24	111	114	131	0	9848	11250	302198
20	PUDUCHERRY	53	0	0	0	0	0	53	0	0	0	0	0	0	0	0	53
21	RAJASTHAN	468178	322564	121	315	21674	445	813297	31210	5	21	11	22	0	424	31693	844990
22	TAMIL NADU	1276374	60969	1108	231	1086	15976	1355744	71857	2860	1017	991	208	242	82652	159827	1515571
23	TELANGANA	432248	2202	82	57	16	5	434610	31532	1297	241	95	15	5	1692	34877	469487
24	TRIPURA	16	14	0	0	124	0	154	0	0	0	0	0	0	0	0	154
25	UTTARAKHAND	181	82	0	0	3	1	267	43	0	0	0	0	0	1	44	311
26	UTTAR PRADESH	8705	90707	79	32	203	362	100088	3754	14	7	50	12	1	3930	7768	107856
27	WEST BENGAL	1838	1862	0	2	987	53	4742	367	4	3	2	3	0	172	551	5293
	Total	6927926	830350	4227	1356	271217	51733	8086809	232964	8606	3099	1736	585	284	216490	463764	8550573

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Table.1.14 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No	State	No. of Dugwell by horse power of lifting devices								Total (9 + 10)
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to8)	Schemes without horse power	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	617	74	64	0	0	5	760	571	1331
2	ANDHRA PRADESH	11893	61149	64329	9985	752	1476	149584	1619	151203
3	ARUNACHAL PRADESH	17	0	0	0	0	0	17	0	17
4	ASSAM	0	0	203	0	0	9	212	1	213
5	BIHAR	1811	3671	14006	416	1094	1740	22738	43	22781
6	CHHATISGARH	26149	15730	2251	17	19	243	44409	3195	47604
7	GOA	742	1984	792	21	5	12	3556	1054	4610
8	GUJARAT	4361	31261	640313	98611	110366	42188	927100	1725	928825
9	HARYANA	0	1	2	1	4	20	28	0	28
10	HIMACHAL PRADESH	27	257	166	98	8	37	593	70	663
11	JAMMU & KASHMIR	0	15	257	2	7	13	294	1	295
12	JHARKHAND	23920	53165	36152	170	220	2418	116045	61767	177812
13	KARNATAKA	28625	43074	109966	21018	2939	9471	215093	22	215115
14	KERALA	53643	17238	2503	211	28	321	73944	267	74211
15	MADHYA PRADESH	22768	677448	622594	41535	15854	30708	1410907	544	1411451
16	MAHARASHTRA	31448	619920	1474069	58744	9079	73679	2266939	1470	2268409
17	MEGHALAYA	2	2	12	3	0	11	30	50	80
18	NAGALAND	0	0	7	4	1	0	12	0	12
19	ODISHA	63680	60002	7642	67	235	833	132459	169739	302198
20	PUDUCHERRY	0	0	12	28	0	13	53	0	53
21	RAJASTHAN	2091	52199	322206	115614	125579	205627	823316	21674	844990

MINOR IRRIGATION CENSUS (2013-14)

Table.1.14 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No	State	No. of Dugwell by horse power of lifting devices								Total (9 + 10)
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to8)	Schemes without horse power	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
22	TAMIL NADU	27278	395564	946351	97839	14985	33056	1515073	498	1515571
23	TELANGANA	374	233998	227233	5081	284	2499	469469	18	469487
24	TRIPURA	6	22	2	0	0	0	30	124	154
25	UTTARAKHAND	1	14	142	31	26	97	311	0	311
26	UTTAR PRADESH	2674	3901	6683	46780	31393	16308	107739	117	107856
27	WEST BENGAL	1388	1515	2157	24	22	97	5203	90	5293
	Total	303515	2272204	4480114	496300	312900	420881	8285914	264659	8550573

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Table.1.15 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL PUMPING HOURS OF OPERATION

(In Nos.)

Sl. No	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	760	0	0	0	0	0	760	731	28	1	0	0	0	760
2	ANDHRA PRADESH	96708	24482	12870	12146	2644	734	149584	86730	33705	14554	10201	3934	460	149584
3	ARUNACHAL PRADESH	7	7	1	1	0	1	17	14	2	0	1	0	0	17
4	ASSAM	171	35	5	1	0	0	212	140	46	19	6	1	0	212
5	BIHAR	16082	4204	1411	381	287	373	22738	16822	4425	1022	229	89	151	22738
6	CHHATISGARH	42200	1278	598	242	52	39	44409	39673	2755	921	488	151	421	44409
7	GOA	3555	1	0	0	0	0	3556	3208	323	22	2	0	1	3556
8	GUJARAT	905433	16840	4611	156	41	19	927100	550662	258055	63814	39446	10090	5033	927100
9	HARYANA	11	8	0	4	5	0	28	13	3	3	0	8	1	28
10	HIMACHAL PRADESH	316	106	125	20	12	14	593	285	217	29	30	8	24	593
11	JAMMU & KASHMIR	219	60	4	6	5	0	294	264	28	2	0	0	0	294
12	JHARKHAND	107679	5643	1303	678	416	326	116045	107782	6048	1080	504	331	300	116045
13	KARNATAKA	135668	44671	17716	11850	2774	2414	215093	143968	43670	15986	7033	2783	1653	215093
14	KERALA	73201	602	81	36	11	13	73944	71707	1869	247	73	15	33	73944
15	MADHYA PRADESH	1345094	47798	13480	2919	871	745	1410907	581967	425854	218285	97783	59360	27658	1410907
16	MAHARASHTRA	1618127	462196	79994	32327	10995	63300	2266939	1420797	503631	153712	73370	42724	72705	2266939
17	MEGHALAYA	30	0	0	0	0	0	30	27	3	0	0	0	0	30
18	NAGALAND	12	0	0	0	0	0	12	12	0	0	0	0	0	12
19	ODISHA	122581	7690	1432	337	302	117	132459	119028	10854	1648	556	186	187	132459
20	PUDUCHERRY	29	16	6	2	0	0	53	38	13	2	0	0	0	53
21	RAJASTHAN	779490	27179	10800	4324	904	619	823316	290889	204241	155066	117126	39611	16383	823316
22	TAMIL NADU	1042307	293793	86675	44114	19368	28816	1515073	1110077	229220	86034	46662	23829	19251	1515073
23	TELANGANA	62353	118240	121376	101564	42623	23313	469469	85090	128447	126272	98573	28879	2208	469469
24	TRIPURA	24	6	0	0	0	0	30	5	23	1	1	0	0	30
25	UTTARAKHAND	203	53	26	25	1	3	311	215	41	29	25	1	0	311
26	UTTAR PRADESH	94129	9072	2912	917	377	332	107739	78049	19237	5672	2499	1017	1265	107739
27	WEST BENGAL	4625	319	137	61	24	37	5203	4349	392	175	127	64	96	5203
	Total	6451014	1064299	355563	212111	81712	121215	8285914	4712542	1873130	844596	494735	213081	147830	8285914

MINOR IRRIGATION CENSUS (2013-14)

Table.1.16 DISTRIBUTION OF DUGWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO AVERAGE HOURS OF PUMPING PER DAY

(In Nos.)

Sl. No	State	During Kharif season							During Rabi season						
		0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (3 to 8)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	754	5	1	0	0	0	760	598	159	1	2	0	0	760
2	ANDHRA PRADESH	79082	68623	1684	49	10	136	149584	70774	75667	2749	158	31	205	149584
3	ARUNACHAL PRADESH	7	7	2	1	0	0	17	14	0	3	0	0	0	17
4	ASSAM	156	51	5	0	0	0	212	112	93	7	0	0	0	212
5	BIHAR	5774	7177	6725	2413	200	449	22738	7154	5420	7790	1942	175	257	22738
6	CHHATISGARH	31973	4506	1617	4243	107	1963	44409	28417	5781	2192	5164	292	2563	44409
7	GOA	3556	0	0	0	0	0	3556	3547	8	1	0	0	0	3556
8	GUJARAT	629355	287194	10154	298	33	66	927100	220943	612201	93167	688	30	71	927100
9	HARYANA	5	14	8	1	0	0	28	4	14	10	0	0	0	28
10	HIMACHAL PRADESH	139	212	228	13	1	0	593	83	254	217	33	6	0	593
11	JAMMU & KASHMIR	6	236	50	0	0	2	294	14	256	22	0	0	2	294
12	JHARKHAND	78576	27806	7326	1441	225	671	116045	78586	29743	5582	1273	250	611	116045
13	KARNATAKA	132406	73297	8109	713	145	423	215093	144363	63237	6731	391	69	302	215093
14	KERALA	72999	823	87	15	5	15	73944	72213	1570	125	18	1	17	73944
15	MADHYA PRADESH	1138808	197637	68388	4587	665	822	1410907	155236	719318	480898	48219	4569	2667	1410907
16	MAHARASHTRA	1072427	903462	183824	83995	4792	18439	2266939	963239	920969	274545	28127	58047	22012	2266939
17	MEGHALAYA	24	5	1	0	0	0	30	26	4	0	0	0	0	30
18	NAGALAND	10	2	0	0	0	0	12	10	2	0	0	0	0	12
19	ODISHA	93890	30106	4523	1104	562	2274	132459	92641	31794	4164	1027	612	2221	132459
20	PUDUCHERRY	26	12	12	3	0	0	53	32	13	6	2	0	0	53
21	RAJASTHAN	715513	102772	4403	253	66	309	823316	135457	582825	93702	9385	1594	353	823316
22	TAMIL NADU	1202724	249582	42891	9417	1200	9259	1515073	1204629	260896	35098	7609	774	6067	1515073
23	TELANGANA	95707	363183	7060	187	17	3315	469469	127380	338080	3832	76	20	81	469469
24	TRIPURA	21	9	0	0	0	0	30	0	30	0	0	0	0	30
25	UTTARAKHAND	31	111	119	39	9	2	311	34	153	80	38	4	2	311
26	UTTAR PRADESH	50836	36455	16645	2883	180	740	107739	34541	45176	20412	5470	704	1436	107739
27	WEST BENGAL	3969	841	308	67	8	10	5203	3852	781	408	115	27	20	5203
	Total	5408774	2354128	364170	111722	8225	38895	8285914	3343899	3694444	1031742	109737	67205	38887	8285914

MINOR IRRIGATION CENSUS (2013-14)

Table.1.17 DISTRIBUTION OF DUGWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No.	State	No. by the depth of dugwell					
		0 to 20 mts	20 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	1301	25	2	5	1	1334
2	ANDHRA PRADESH	180943	20387	4401	1136	5163	212030
3	ARUNACHAL PRADESH	20	0	0	0	1	21
4	ASSAM	15	149	0	0	51	215
5	BIHAR	18987	2448	545	173	724	22877
6	CHHATISGARH	42746	2717	405	270	1473	47611
7	GOA	4669	3	0	0	1	4673
8	GUJARAT	852097	78243	1115	165	647	932267
9	HARYANA	17	3	1	1	6	28
10	HIMACHAL PRADESH	450	153	33	11	17	664
11	JAMMU & KASHMIR	52	17	26	43	157	295
12	JHARKHAND	164665	11633	392	78	1155	177923
13	KARNATAKA	132227	26520	6447	5066	47711	217971
14	KERALA	72539	1179	156	97	287	74258
15	MADHYA PRADESH	1157447	155168	25548	13694	67797	1419654
16	MAHARASHTRA	1497780	285899	191570	67062	229465	2271776
17	MEGHALAYA	79	0	0	0	1	80
18	NAGALAND	11	0	0	1	0	12
19	ODISHA	320112	1279	453	214	1176	323234
20	PUDUCHERRY	27	8	1	0	21	57
21	RAJASTHAN	307871	459584	66946	17319	23894	875614
22	TAMIL NADU	1050814	419955	44388	11344	56217	1582718
23	TELANGANA	504308	568	132	13	331	505352
24	TRIPURA	155	0	0	0	0	155
25	UTTARAKHAND	77	45	6	13	197	338

MINOR IRRIGATION CENSUS (2013-14)

Table.1.17 DISTRIBUTION OF DUGWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No.	State	No. by the depth of dugwell					
		0 to 20 mts	20 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26	UTTAR PRADESH	86048	9555	4083	1544	7458	108688
27	WEST BENGAL	4124	766	176	42	646	5754
	Total	6399581	1476304	346826	118291	444597	8785599

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18A DISTRIBUTION OF DUGWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No	State	No. of Dugwell by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDAMAN & NICOBARS	1332	1	1	1334
2	ANDHRA PRADESH	187622	23016	1392	212030
3	ARUNACHAL PRADESH	21	0	0	21
4	ASSAM	205	4	6	215
5	BIHAR	22177	700	0	22877
6	CHHATISGARH	46221	1114	276	47611
7	GOA	4655	18	0	4673
8	GUJARAT	870420	61288	559	932267
9	HARYANA	23	4	1	28
10	HIMACHAL PRADESH	594	70	0	664
11	JAMMU & KASHMIR	294	0	1	295
12	JHARKHAND	170893	7030	0	177923
13	KARNATAKA	207681	5506	4784	217971
14	KERALA	65774	8468	16	74258
15	MADHYA PRADESH	1328643	30655	60356	1419654
16	MAHARASHTRA	2086467	173313	11996	2271776
17	MEGHALAYA	71	9	0	80
18	NAGALAND	12	0	0	12
19	ODISHA	300536	20968	1730	323234

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18A DISTRIBUTION OF DUGWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No	State	No. of Dugwell by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
20	PUDUCHERRY	54	0	3	57
21	RAJASTHAN	838089	37486	39	875614
22	TAMIL NADU	1481657	73206	27855	1582718
23	TELANGANA	421513	82536	1303	505352
24	TRIPURA	155	0	0	155
25	UTTARAKHAND	301	11	26	338
26	UTTAR PRADESH	101416	7272	0	108688
27	WEST BENGAL	5498	95	161	5754
	Total	8142324	532770	110505	8785599

MINOR IRRIGATION CENSUS (2013-14)
Table.1.18B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL DUGWELLS

(In ha.)

Sl. No.	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	2089.35	1041.89	1068.21	13.04	1.6	2124.74
2	ANDHRA PRADESH	193378.82	133561.23	114616.06	18965.63	491.31	267634.23
3	ARUNACHAL PRADESH	209	75	31	0	0	106
4	ASSAM	1940.55	496.13	288.96	7.46	14.51	807.06
5	BIHAR	177533.66	84397.97	65183.45	17873.7	23797.79	191252.91
6	CHHATISGARH	42767.28	17954.76	27902.11	16.11	36.4	45909.38
7	GOA	3251.46	107.57	630.01	2191.06	205.82	3134.46
8	GUJARAT	1340578.94	1163149.16	863848.74	37606.83	78164.64	2142769.37
9	HARYANA	131	123	123	0	0	246
10	HIMACHAL PRADESH	1411.59	1235.93	1276.96	10.68	68.44	2592.01
11	JAMMU & KASHMIR	472.75	373.41	245.74	1.01	0	620.16
12	JHARKHAND	326415.56	115505.76	63652.49	7746.52	6804.14	193708.91
13	KARNATAKA	445665.58	257275.96	136830.02	44024.19	62007.41	500137.58
14	KERALA	48297.12	5483.46	6025.12	25048.78	4207.12	40764.48
15	MADHYA PRADESH	5710832.97	803266.27	3751196.86	24463.66	12377.96	4591304.75
16	MAHARASHTRA	4391218.18	2732275.31	1340890.57	415132.58	241060.33	4729358.79
17	MEGHALAYA	2340.8	1426.5	914.3	16.25	6.25	2363.3
18	NAGALAND	25	24	12	0	0	36
19	ODISHA	185029.7	137402.23	75646.57	1758.82	379.68	215187.3
20	PUDUCHERRY	44.97	20.64	20.64	12.4	10.92	64.6
21	RAJASTHAN	2878077.8	424922.47	2674411.55	5305.49	80649.81	3185289.32

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL DUGWELLS

(In ha.)

Sl. No.	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
22	TAMIL NADU	2962748.43	1611148.8	1216864.21	389937.17	107637.23	3325587.41
23	TELANGANA	557156.93	449499.6	296422.91	10334.49	2452.24	758709.24
24	TRIPURA	147.24	143.45	129.67	0	26.83	299.95
25	UTTARAKHAND	5217.41	3667.04	3226.37	135.72	165.87	7195
26	UTTAR PRADESH	426202.52	158617.36	201913.89	35913.79	34744.08	431189.12
27	WEST BENGAL	15972.81	8078.24	6151.36	325.49	1274.7	15829.79
	Total	19719157.42	8111273.14	10849522.77	1036840.87	656585.08	20654221.86

MINOR IRRIGATION CENSUS (2013-14)
Table.1.18C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	2079.1	1035.99	1065.9	12.74	1.6	2116.23
2	ANDHRA PRADESH	133306.36	87809.4	80248.47	15013.53	457.81	183529.21
3	ARUNACHAL PRADESH	139	51	25	0	0	76
4	ASSAM	1788.86	406.73	242.16	7.46	13.91	670.26
5	BIHAR	173450.9	83037.32	64331.22	17618.43	23574.12	188561.09
6	CHHATISGARH	42698.81	17916.53	27853.65	16.11	36.4	45822.69
7	GOA	3186.51	85.72	616.71	2185.63	191.82	3079.88
8	GUJARAT	1318144.94	1146060.88	849668.14	36959.78	77080.85	2109769.65
9	HARYANA	131	123	123	0	0	246
10	HIMACHAL PRADESH	1409.55	1235.89	1275.92	10.68	68.44	2590.93
11	JAMMU & KASHMIR	472.75	373.41	245.74	1.01	0	620.16
12	JHARKHAND	226734.54	112181.7	63007.35	7713.9	6733.01	189635.96
13	KARNATAKA	437172.16	251827.5	135797.86	43520.56	61705.19	492851.11
14	KERALA	48226.55	5475.69	6015.34	25009.79	4202.33	40703.15
15	MADHYA PRADESH	5685469.16	800468.09	3740178.25	24417.54	12368.21	4577432.09
16	MAHARASHTRA	4366405.5	2720039.65	1334200.89	413847.75	240097.55	4708185.84
17	MEGHALAYA	2335.8	1425	913.3	15	5	2358.3
18	NAGALAND	25	24	12	0	0	36
19	ODISHA	150247.49	112137.1	63288.95	1549.85	273.97	177249.87
20	PUDUCHERRY	42.87	19.03	19.03	12.4	10.92	61.38

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21	RAJASTHAN	2775950.02	411734.35	2580478.55	4626.29	79372.57	3076211.76
22	TAMIL NADU	2664238.7	1441107.36	1078468.44	371746.61	95214.78	2986537.19
23	TELANGANA	516754.89	413933.04	283395.31	10065.49	2430.33	709824.17
24	TRIPURA	146.24	142.45	128.67	0	26.83	297.95
25	UTTARAKHAND	5024.41	3599.04	3162.37	134.72	164.07	7060.2
26	UTTAR PRADESH	420197.54	156534.81	199589.06	35412.96	34200.45	425737.28
27	WEST BENGAL	14158.52	7408.99	5619.27	323.89	1161.15	14513.3
	Total	18989937.17	7776193.67	10519970.55	1010222.12	639391.31	19945777.65

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	9.55	5.4	1.81	0.3	0	7.51
2	ANDHRA PRADESH	17733.01	12942.61	10438.23	1195.44	9.54	24585.82
3	ARUNACHAL PRADESH	30	10	6	0	0	16
4	ASSAM	119.44	67.4	37.8	0	0.6	105.8
5	BIHAR	3506.26	1180.53	763.92	236.27	205.67	2386.39
6	CHHATISGARH	64.08	37.23	45.11	0	0	82.34
7	GOA	33	13.92	8.52	4.53	4.57	31.54
8	GUJARAT	14081.62	12515.01	10072.47	315.22	577.24	23479.94
9	HIMACHAL PRADESH	1.04	0.04	1.04	0	0	1.08
10	JHARKHAND	99550.93	3257.65	608.62	30.62	71.13	3968.02
11	KARNATAKA	4402.06	2576.51	888.55	430.15	251.65	4146.86
12	KERALA	52.83	6.63	8.55	30.68	3.15	49.01
13	MADHYA PRADESH	14272.16	1998.41	8624.98	26.12	9.75	10659.26
14	MAHARASHTRA	21825.5	11060.12	6237.57	998.46	809.29	19105.44
15	MEGHALAYA	5	1.5	1	1.25	1.25	5
16	ODISHA	22920.75	17178.96	8388.27	142.98	96.93	25807.14
17	RAJASTHAN	48357.75	8562.94	43901.49	66.31	728.29	53259.03
18	TAMIL NADU	202621.91	121992.74	100176.09	12438.34	7518.33	242125.5
19	TELANGANA	27902.19	24147	10207.99	260.51	12.22	34627.72

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20	UTTARAKHAND	32	18	18	1	1.8	38.8
21	UTTAR PRADESH	5552.48	1936.05	2202.33	487.83	531.63	5157.84
22	WEST BENGAL	441.97	116.99	95.28	0.5	16.42	229.19
	Total	483515.53	219625.64	202733.62	16666.51	10849.46	449875.23

MINOR IRRIGATION CENSUS (2013-14)
Table.1.18E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	0.7	0.5	0.5	0	0	1
2	ANDHRA PRADESH	42339.45	32809.22	23929.36	2756.66	23.96	59519.2
3	ARUNACHAL PRADESH	40	14	0	0	0	14
4	ASSAM	32.25	22	9	0	0	31
5	BIHAR	576.5	180.12	88.31	19	18	305.43
6	CHHATISGARH	4.39	1	3.35	0	0	4.35
7	GOA	31.95	7.93	4.78	0.9	9.43	23.04
8	GUJARAT	8352.38	4573.27	4108.13	331.83	506.55	9519.78
9	HIMACHAL PRADESH	1	0	0	0	0	0
10	JHARKHAND	130.09	66.41	36.52	2	0	104.93
11	KARNATAKA	4091.36	2871.95	143.61	73.48	50.57	3139.61
12	KERALA	17.74	1.14	1.23	8.31	1.64	12.32
13	MADHYA PRADESH	11091.65	799.77	2393.63	20	0	3213.4
14	MAHARASHTRA	2987.18	1175.54	452.11	286.37	153.49	2067.51
15	ODISHA	11861.46	8086.17	3969.35	65.99	8.78	12130.29
16	PUDUCHERRY	2.1	1.61	1.61	0	0	3.22
17	RAJASTHAN	53770.03	4625.18	50031.51	612.89	548.95	55818.53
18	TAMIL NADU	95887.82	48048.7	38219.68	5752.22	4904.12	96924.72

MINOR IRRIGATION CENSUS (2013-14)

Table.1.18E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THROUGH DUGWELLS

(In ha.)

Sl. No	State	Culturable Command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19	TELANGANA	12499.85	11419.56	2819.61	8.49	9.69	14257.35
20	TRIPURA	1	1	1	0	0	2
21	UTTARAKHAND	161	50	46	0	0	96
22	UTTAR PRADESH	452.5	146.5	122.5	13	12	294
23	WEST BENGAL	1372.32	552.26	436.81	1.1	97.13	1087.3
	Total	245704.72	115453.83	126818.6	9952.24	6344.31	258568.98

MINOR IRRIGATION CENSUS (2013-14)
Table.1.19 SEASON WISE POTENTIAL UTILISED THROUGH ALL DUGWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0.1	0	0	0.1	497.93	644.21	7.83	0.6	1150.57	497.93	644.31	7.83	0.6	1150.67
2	ANDHRA PRADESH	10891.22	5807.83	410.74	1.08	17110.87	47180.51	52826.54	12850.12	306.61	113163.78	58071.73	58634.37	13260.86	307.69	130274.65
3	ARUNACHAL PRADESH	0	0	0	0	0	35	20	0	0	55	35	20	0	0	55
4	ASSAM	15	5	0	0	20	284.41	131.92	5.91	10.53	432.77	299.41	136.92	5.91	10.53	452.77
5	BIHAR	1067.94	814.45	266.1	33.19	2181.68	70637.08	54615.62	9967.17	12107.71	147327.58	71705.02	55430.07	10233.27	12140.9	149509.26
6	CHHATISGARH	21.01	10.09	0	2	33.1	17299.99	26058.09	14.69	14.99	43387.76	17321	26068.18	14.69	16.99	43420.86
7	GOA	0	3.62	5.6	1.05	10.27	85.13	605.29	2172.44	181.39	3044.25	85.13	608.91	2178.04	182.44	3054.52
8	GUJARAT	39036.34	32453.57	7438.11	310.04	79238.06	815867.79	471815.61	20421.88	59554.06	1367659.34	854904.13	504269.18	27859.99	59864.1	1446897.4
9	HARYANA	21	21	0	0	42	102	102	0	0	204	123	123	0	0	246
10	HIMACHAL PRADESH	53.55	53.68	0.4	0.8	108.43	1051.29	1105.85	8.27	67.11	2232.52	1104.84	1159.53	8.67	67.91	2340.95
11	JAMMU & KASHMIR	0	0	0	0	0	373.26	212.61	0.86	0	586.73	373.26	212.61	0.86	0	586.73
12	JHARKHAND	1716.78	557.04	143.15	250.69	2667.66	96523.78	53317.26	4577.1	5398.96	159817.1	98240.56	53874.3	4720.25	5649.65	162484.76
13	KARNATAKA	3740.67	2309.93	1155.35	153.66	7359.61	243108.96	128691.86	41542.43	60509.61	473852.86	246849.63	131001.79	42697.78	60663.27	481212.47
14	KERALA	772.58	1112.7	2592.73	318.89	4796.9	4145.21	4409.79	21860.89	3449.22	33865.11	4917.79	5522.49	24453.62	3768.11	38662.01
15	MADHYA PRADESH	17515.37	65919.94	711.81	546.62	84693.74	513872.84	3303719.47	16207.89	5327.17	3839127.37	531388.21	3369639.41	16919.7	5873.79	3923821.11
16	MAHARASHTRA	151276.87	91385.67	56960.42	9412.57	309035.53	2399037.49	1126538.21	317137.36	153721.26	3996434.32	2550314.36	1217923.88	374097.78	163133.83	4305469.85
17	MEGHALAYA	114	83	0	0	197	1260	781.3	16.25	5.25	2062.8	1374	864.3	16.25	5.25	2259.8
18	NAGALAND	0	0	0	0	0	24	4.6	0	0	28.6	24	4.6	0	0	28.6
19	ODISHA	5531.82	3455.45	40.87	5.27	9033.41	68184.22	34661.57	951.97	172.69	103970.45	73716.04	38117.02	992.84	177.96	113003.86
20	PUDUCHERRY	0	0	0	0	0	19.03	19.03	12.4	10.92	61.38	19.03	19.03	12.4	10.92	61.38
21	RAJASTHAN	7088.62	88720.15	98.81	701.05	96608.63	228521.19	2315111.2	2154.33	49059.49	2594846.21	235609.81	2403831.35	2253.14	49760.54	2691454.84
22	TAMIL NADU	25074.88	16256.08	12537.9	2650.5	56519.36	1166773.34	789393.64	297850.45	57305.64	2311323.07	1191848.22	805649.72	310388.35	59956.14	2367842.43
23	TELANGANA	62869.17	47529	1286.14	5.26	111689.57	299096.91	186790.48	8536.32	2176.38	496600.09	361966.08	234319.48	9822.46	2181.64	608289.66
24	TRIPURA	0	0	0	0	0	131.6	115.18	0	21.94	268.72	131.6	115.18	0	21.94	268.72
25	UTTARAKHAND	60	52	4	2	118	2937.83	2566.21	123.9	157.25	5785.19	2997.83	2618.21	127.9	159.25	5903.19
26	UTTAR PRADESH	5194.59	6875.16	134.17	339.36	12543.28	128829.01	163044.41	27019.28	24667.87	343560.57	134023.6	169919.57	27153.45	25007.23	356103.85
27	WEST BENGAL	46.77	30.54	2.33	5.04	84.68	6477.24	4587.93	264.33	804.8	12134.3	6524.01	4618.47	266.66	809.84	12218.98
	Total	332108.18	363456	83788.63	14739.07	794091.88	6112357.04	8721889.88	783704.07	435031.45	16052982.44	6444465.22	9085345.88	867492.7	449770.52	16847074.32

MINOR IRRIGATION CENSUS (2013-14)
Table.1.19A SEASON WISE POTENTIAL UTILISED (IN USE) THROUGH DUGWELLS

(Area in ha.)

Sl. No	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0.1	0	0	0.1	497.03	642.9	7.53	0.6	1148.06	497.03	643	7.53	0.6	1148.16
2	ANDHRA PRADESH	10448.6	5738.94	409.53	1.08	16598.15	46329.17	51756.02	12624.72	306.59	111016.5	56777.77	57494.96	13034.25	307.67	127614.65
3	ARUNACHAL PRADESH	0	0	0	0	0	31	17	0	0	48	31	17	0	0	48
4	ASSAM	15	5	0	0	20	284.41	131.92	5.91	10.53	432.77	299.41	136.92	5.91	10.53	452.77
5	BIHAR	1008.14	776.85	262.1	29.19	2076.28	69727.53	54002.21	9784.17	11964.31	145478.22	70735.67	54779.06	10046.27	11993.5	147554.5
6	CHHATISGARH	21.01	10.09	0	2	33.1	17265.05	26013.28	14.69	14.99	43308.01	17286.06	26023.37	14.69	16.99	43341.11
7	GOA	0	3.62	5.6	1.05	10.27	82.58	602.94	2169.98	178.76	3034.26	82.58	606.56	2175.58	179.81	3044.53
8	GUJARAT	38918.74	32345.66	7438.11	310.04	79012.55	810833.95	468692.57	20325.2	59395.06	1359246.78	849752.69	501038.23	27763.31	59705.1	1438259.33
9	HARYANA	21	21	0	0	42	102	102	0	0	204	123	123	0	0	246
10	HIMACHAL PRADESH	53.55	53.68	0.4	0.8	108.43	1051.25	1105.81	8.27	67.11	2232.44	1104.8	1159.49	8.67	67.91	2340.87
11	JAMMU & KASHMIR	0	0	0	0	0	373.26	212.61	0.86	0	586.73	373.26	212.61	0.86	0	586.73
12	JHARKHAND	1695.08	541.43	143.15	250.69	2630.35	93745.84	52962.33	4553.6	5362.11	156623.88	95440.92	53503.76	4696.75	5612.8	159254.23
13	KARNATAKA	3734.49	2308.6	1155.35	153.66	7352.1	240684.73	127846.52	41123.35	60276.16	469930.76	244419.22	130155.12	42278.7	60429.82	477282.86
14	KERALA	770.46	1110.57	2590.53	318.83	4790.39	4141.56	4404.62	21837.34	3446.82	33830.34	4912.02	5515.19	24427.87	3765.65	38620.73
15	MADHYA PRADESH	17494.11	65881.77	711.81	546.62	84634.31	512496.61	3297251.13	16189.34	5321.43	3831258.51	529990.72	3363132.9	16901.15	5868.05	3915892.82
16	MAHARASHTRA	150759.36	91217.73	56857.45	9352.38	308186.92	2392312.71	1122679.24	316360.12	153141.15	3984493.22	2543072.07	1213896.97	373217.57	162493.53	4292680.14
17	MEGHALAYA	114	83	0	0	197	1260	781.3	15	4.5	2060.8	1374	864.3	15	4.5	2257.8
18	NAGALAND	0	0	0	0	0	24	4.6	0	0	28.6	24	4.6	0	0	28.6
19	ODISHA	5414.34	3375.12	40.4	5.25	8835.11	66286.94	34277.84	947.55	170.69	101683.02	71701.28	37652.96	987.95	175.94	110518.13
20	PUDUCHERRY	0	0	0	0	0	19.03	19.03	12.4	10.92	61.38	19.03	19.03	12.4	10.92	61.38
21	RAJASTHAN	7086.65	88566.49	98.81	699.8	96451.75	228134.45	2311474.17	2153.71	48983.92	2590746.25	235221.1	2400040.66	2252.52	49683.72	2687198
22	TAMIL NADU	24620.1	15982.82	12459.75	2617.19	55679.86	1115874.76	757350.21	291724.27	54445.29	2219394.53	1140494.86	773333.03	304184.02	57062.48	2275074.39
23	TELANGANA	62743.14	47467.97	1285.74	5.26	111502.11	297502.11	185795.13	8333.78	2167.89	493798.91	360245.25	233263.1	9619.52	2173.15	605301.02
24	TRIPURA	0	0	0	0	0	131.6	115.18	0	21.94	268.72	131.6	115.18	0	21.94	268.72
25	UTTARAKHAND	60	52	4	2	118	2921.83	2550.21	123.4	156.75	5752.19	2981.83	2602.21	127.4	158.75	5870.19
26	UTTAR PRADESH	5188.09	6869.16	131.17	338.36	12526.78	127147.39	161187.83	26601.02	24258.59	339194.83	132335.48	168056.99	26732.19	24596.95	351721.61
27	WEST BENGAL	46.77	30.54	2.33	5.04	84.68	6396.2	4528.62	264.23	789.23	11978.28	6442.97	4559.16	266.56	794.27	12062.96
	Total	330212.63	362442.14	83596.23	14639.24	790890.24	6035656.99	8666507.22	775180.44	430495.34	15907839.99	6365869.62	9028949.36	858776.67	445134.58	16698730.23

MINOR IRRIGATION CENSUS (2013-14)
Table.1.19B SEASON WISE POTENTIAL UTILISED (TEMPORARY NOT IN USE) THROUGH DUGWELLS

(Area in ha.)

Sl. No	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	0.9	1.31	0.3	0	2.51	0.9	1.31	0.3	0	2.51
2	ANDHRA PRADESH	442.62	68.89	1.21	0	512.72	851.34	1070.52	225.4	0.02	2147.28	1293.96	1139.41	226.61	0.02	2660
3	ARUNACHAL PRADESH	0	0	0	0	0	4	3	0	0	7	4	3	0	0	7
4	ASSAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	BIHAR	59.8	37.6	4	4	105.4	909.55	613.41	183	143.4	1849.36	969.35	651.01	187	147.4	1954.76
6	CHHATISGARH	0	0	0	0	0	34.94	44.81	0	0	79.75	34.94	44.81	0	0	79.75
7	GOA	0	0	0	0	0	2.55	2.35	2.46	2.63	9.99	2.55	2.35	2.46	2.63	9.99
8	GUJARAT	117.6	107.91	0	0	225.51	5033.84	3123.04	96.68	159	8412.56	5151.44	3230.95	96.68	159	8638.07
9	HIMACHAL PRADESH	0	0	0	0	0	0.04	0.04	0	0	0.08	0.04	0.04	0	0	0.08
10	JHARKHAND	21.7	15.61	0	0	37.31	2777.94	354.93	23.5	36.85	3193.22	2799.64	370.54	23.5	36.85	3230.53
11	KARNATAKA	6.18	1.33	0	0	7.51	2424.23	845.34	419.08	233.45	3922.1	2430.41	846.67	419.08	233.45	3929.61
12	KERALA	2.12	2.13	2.2	0.06	6.51	3.65	5.17	23.55	2.4	34.77	5.77	7.3	25.75	2.46	41.28
13	MADHYA PRADESH	21.26	38.17	0	0	59.43	1376.23	6468.34	18.55	5.74	7868.86	1397.49	6506.51	18.55	5.74	7928.29
14	MAHARASHTRA	517.51	167.94	102.97	60.19	848.61	6724.78	3858.97	777.24	580.11	11941.1	7242.29	4026.91	880.21	640.3	12789.71
15	MEGHALAYA	0	0	0	0	0	0	0	1.25	0.75	2	0	0	1.25	0.75	2
16	ODISHA	117.48	80.33	0.47	0.02	198.3	1897.28	383.73	4.42	2	2287.43	2014.76	464.06	4.89	2.02	2485.73
17	RAJASTHAN	1.97	153.66	0	1.25	156.88	386.74	3637.03	0.62	75.57	4099.96	388.71	3790.69	0.62	76.82	4256.84
18	TAMIL NADU	454.78	273.26	78.15	33.31	839.5	50898.58	32043.43	6126.18	2860.35	91928.54	51353.36	32316.69	6204.33	2893.66	92768.04
19	TELANGANA	126.03	61.03	0.4	0	187.46	1594.8	995.35	202.54	8.49	2801.18	1720.83	1056.38	202.94	8.49	2988.64
20	UTTARAKHAND	0	0	0	0	0	16	16	0.5	0.5	33	16	16	0.5	0.5	33
21	UTTAR PRADESH	6.5	6	3	1	16.5	1681.62	1856.58	418.26	409.28	4365.74	1688.12	1862.58	421.26	410.28	4382.24
22	WEST BENGAL	0	0	0	0	0	81.04	59.31	0.1	15.57	156.02	81.04	59.31	0.1	15.57	156.02
	Total	1895.55	1013.86	192.4	99.83	3201.64	76700.05	55382.66	8523.63	4536.11	145142.45	78595.6	56396.52	8716.03	4635.94	148344.09

MINOR IRRIGATION CENSUS (2013-14)
Table.1.20 DISTRIBUTION OF DUGWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No.	State	No. of Dugwells in use	No.of Dugwells without constraints	No. of Dugwell Having Constraints in utilIsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Maintenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	1321	1314	2	0	1	0	0	4	7
2	ANDHRA PRADESH	128940	99522	1046	869	20402	917	2040	4144	29418
3	ARUNACHAL PRADESH	14	10	0	1	0	0	3	0	4
4	ASSAM	202	197	0	2	0	0	0	3	5
5	BIHAR	22155	20572	353	422	462	96	24	226	1583
6	CHHATISGARH	47540	33939	8931	136	483	24	4	4023	13601
7	GOA	4526	4466	1	0	6	2	0	51	60
8	GUJARAT	918908	910800	1918	165	3874	21	1380	750	8108
9	HARYANA	28	28	0	0	0	0	0	0	0
10	HIMACHAL PRADESH	660	493	9	9	9	0	0	140	167
11	JAMMU & KASHMIR	295	295	0	0	0	0	0	0	0
12	JHARKHAND	123142	91589	1206	1454	23710	1203	632	3348	31553
13	KARNATAKA	212762	169049	23290	2820	16710	193	256	444	43713
14	KERALA	74093	73155	18	174	602	5	6	133	938
15	MADHYA PRADESH	1407967	1331887	24186	7386	28148	568	2123	13669	76080
16	MAHARASHTRA	2256839	762323	746474	24786	413532	4814	88047	216863	1494516
17	MEGHALAYA	79	61	1	0	0	0	0	17	18
18	NAGALAND	12	12	0	0	0	0	0	0	0
19	ODISHA	266358	99800	2556	3884	85017	12639	14610	47852	166558
20	PUDUCHERRY	53	45	0	0	0	0	8	0	8
21	RAJASTHAN	832503	519973	17059	8880	209818	6163	4898	65712	312530
22	TAMIL NADU	1417018	1301085	14318	10470	60060	5068	3727	22290	115933
23	TELANGANA	462830	355253	13299	4513	81749	1381	621	6014	107577
24	TRIPURA	154	154	0	0	0	0	0	0	0

MINOR IRRIGATION CENSUS (2013-14)

Table.1.20 DISTRIBUTION OF DUGWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No.	State	No. of Dugwells in use	No.of Dugwells without constraints	No. of Dugwell Having Constraints in utillsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Maintenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
25	UTTARAKHAND	295	284	0	0	9	0	1	1	11
26	UTTAR PRADESH	105587	85070	2268	528	3468	359	13099	795	20517
27	WEST BENGAL	5142	4412	147	93	166	86	38	200	730
	Total	8289423	5865788	857082	66592	948226	33539	131517	386679	2423635

SHALLOW TUBEWELLS TABLES

MINOR IRRIGATION CENSUS (2013-14)
Table.2.1 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			Grand Total (7+10)
		Govt. Owned	Coop Society	Panchayat Owned	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	2	0	0	0	2	1	20	21	23
2	ANDHRA PRADESH	45	351	15	482	893	1962	182400	184362	185255
3	ARUNACHAL PRADESH	10	0	3	1	14	0	0	0	14
4	ASSAM	648	154	40	61	903	31931	94408	126339	127242
5	BIHAR	2221	583	564	447	3815	2528	355609	358137	361952
6	CHANDIGARH	0	0	0	0	0	0	17	17	17
7	CHHATISGARH	84	12	23	96	215	101	45360	45461	45676
8	DELHI	18	1	1	1	21	0	2919	2919	2940
9	GOA	2	0	0	0	2	3	78	81	83
10	GUJARAT	184	345	94	4	627	673	147609	148282	148909
11	HARYANA	83	7320	253	473	8129	73866	8424	82290	90419
12	HIMACHAL PRADESH	45	8	4	9	66	269	4088	4357	4423
13	JAMMU & KASHMIR	16	0	1	4	21	116	7712	7828	7849
14	JHARKHAND	796	2765	74	58	3693	31	1886	1917	5610
15	KARNATAKA	226	35	133	234	628	98	385690	385788	386416
16	KERALA	11	8	11	15	45	21	4437	4458	4503
17	MADHYA PRADESH	677	298	336	932	2243	7315	98148	105463	107706
18	MAHARASHTRA	1025	187	202	40	1454	16401	85606	102007	103461
19	MEGHALAYA	283	2	1	67	353	8	796	804	1157
20	NAGALAND	0	0	0	0	0	14	1	15	15

MINOR IRRIGATION CENSUS (2013-14)

Table.2.1 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			Grand Total (7+10)
		Govt. Owned	Coop Society	Panchayat Owned	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
21	ODISHA	871	24	40	20	955	75	48948	49023	49978
22	PUDUCHERRY	3	1	0	4	8	10	582	592	600
23	PUNJAB	113	238	726	905	1982	1779	244918	246697	248679
24	RAJASTHAN	112	4	6	36	158	19840	16213	36053	36211
25	TAMIL NADU	3146	788	935	1987	6856	25580	112812	138392	145248
26	TELANGANA	184	27	89	46	346	1134	107373	108507	108853
27	TRIPURA	249	0	15	0	264	37	222	259	523
28	UTTARAKHAND	51	5	38	4	98	2843	44200	47043	47141
29	UTTAR PRADESH	1272	336	394	206	2208	436	3329660	3330096	3332304
30	WEST BENGAL	8367	7455	4877	1969	22668	45944	318882	364826	387494
	Total	20744	20947	8875	8101	58667	233016	5649018	5882034	5940701

MINOR IRRIGATION CENSUS (2013-14)

Table.2.2 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Shallow Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	0	1	4	15	20	3	23
2	ANDHRA PRADESH	11708	4105	60055	106532	182400	2855	185255
3	ARUNACHAL PRADESH	0	0	0	0	0	14	14
4	ASSAM	4917	6367	12126	70998	94408	32834	127242
5	BIHAR	27354	52488	169971	105796	355609	6343	361952
6	CHANDIGARH	0	0	0	17	17	0	17
7	CHHATISGARH	3761	9667	29237	2695	45360	316	45676
8	DELHI	21	16	1838	1044	2919	21	2940
9	GOA	1	6	27	44	78	5	83
10	GUJARAT	3565	8650	18812	116582	147609	1300	148909
11	HARYANA	104	72	592	7656	8424	81995	90419
12	HIMACHAL PRADESH	318	81	2171	1518	4088	335	4423
13	JAMMU & KASHMIR	1798	87	681	5146	7712	137	7849
14	JHARKHAND	222	958	509	197	1886	3724	5610
15	KARNATAKA	40718	26391	118235	200346	385690	726	386416
16	KERALA	53	47	2786	1551	4437	66	4503

MINOR IRRIGATION CENSUS (2013-14)

Table.2.2 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Shallow Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
17	MADHYA PRADESH	9787	7830	56873	23658	98148	9558	107706
18	MAHARASHTRA	6214	4353	23424	51615	85606	17855	103461
19	MEGHALAYA	7	52	11	726	796	361	1157
20	NAGALAND	0	1	0	0	1	14	15
21	ODISHA	6206	3080	26953	12709	48948	1030	49978
22	PUDUCHERRY	31	1	471	79	582	18	600
23	PUNJAB	9406	1054	16145	218313	244918	3761	248679
24	RAJASTHAN	1345	1765	9631	3472	16213	19998	36211
25	TAMIL NADU	8903	1029	89947	12933	112812	32436	145248
26	TELANGANA	11340	12994	54760	28279	107373	1480	108853
27	TRIPURA	86	26	33	77	222	301	523
28	UTTARAKHAND	3458	4379	26807	9556	44200	2941	47141
29	UTTAR PRADESH	618410	81286	1893455	736509	3329660	2644	3332304
30	WEST BENGAL	59686	7463	36348	215385	318882	68612	387494
Total:		829419	234249	2651902	1933448	5649018	291683	5940701

MINOR IRRIGATION CENSUS (2013-14)

Table.2.3 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Shallow Tubewells by size class of owned					
		Marginal (0-1 ha)	Small (1-2ha)	Semi Medium (2-4 ha)	Medium (4-10ha)	Big (>=10 ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	1	9	8	2	0	20
2	ANDHRA PRADESH	92829	54652	27246	6996	677	182400
3	ASSAM	4635	29224	55690	4592	267	94408
4	BIHAR	49515	134637	123368	24733	23356	355609
5	CHANDIGARH	1	13	2	1	0	17
6	CHHATISGARH	12995	14887	10842	5284	1352	45360
7	DELHI	1134	1116	568	88	13	2919
8	GOA	55	13	5	4	1	78
9	GUJARAT	84226	36959	18076	6744	1604	147609
10	HARYANA	10	2388	2723	2888	415	8424
11	HIMACHAL PRADESH	1658	1339	726	278	87	4088
12	JAMMU & KASHMIR	5136	1825	673	75	3	7712
13	JHARKHAND	413	977	395	74	27	1886
14	KARNATAKA	139125	131674	81645	28131	5115	385690
15	KERALA	4092	252	65	12	16	4437
16	MADHYA PRADESH	13855	29673	30880	20263	3477	98148
17	MAHARASHTRA	22310	30925	24520	6414	1437	85606
18	MEGHALAYA	0	78	621	97	0	796
19	NAGALAND	0	0	1	0	0	1
20	ODISHA	18035	16869	11505	2101	438	48948
21	PUDUCHERRY	411	115	46	8	2	582
22	PUNJAB	17501	40832	87613	78573	20399	244918
23	RAJASTHAN	2956	4141	5099	3523	494	16213

MINOR IRRIGATION CENSUS (2013-14)

Table.2.3 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Shallow Tubewells by size class of owned					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
24	TAMIL NADU	53911	31903	15279	5309	6410	112812
25	TELANGANA	52909	36158	15004	3061	241	107373
26	TRIPURA	46	72	61	43	0	222
27	UTTARAKHAND	8977	13569	13032	6580	2042	44200
28	UTTAR PRADESH	1813335	847216	501804	102233	65072	3329660
29	WEST BENGAL	145098	124959	31048	6028	11749	318882
Total		2545169	1586475	1058545	314135	144694	5649018

MINOR IRRIGATION CENSUS (2013-14)

Table.2.4 DISTRIBUTION OF SHALLOW TUBEWELLS AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No	State	Number and Cost of Construction Over The Years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDAMAN & NICOBARS	14	1250	4	279	1	25	2	242	0	0	0	0	1	50	1	150	23	1996
2	ANDHRA PRADESH	126240	2758603	19366	511577	11440	304005	10006	238411	6440	161870	5000	133953	4195	123386	2568	72001	185255	4303806
3	ARUNACHAL PRADESH	7	9400	4	4600	0	0	0	0	0	0	1	1241	1	2500	1	3500	14	21241
4	ASSAM	15485	216776	10316	103966	13987	129946	29875	1213086	20803	1150698	22080	231216	12394	120573	2302	23073	127242	3189334
5	BIHAR	84971	26408278	62905	18994069	44153	1236294	33130	786659	62165	2015826	37210	1813638	19715	847041	17703	407253	361952	52509058
6	CHANDIGARH	17	775	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	775
7	CHHATISGARH	19104	825969	5247	265309	5488	261048	4744	196406	4403	214218	3321	148945	2179	110434	1190	120249	45676	2142578
8	DELHI	2346	94614	246	13486	106	5355	61	3329	52	2694	51	2630	36	2030	42	2514	2940	126652
9	GOA	67	3838	2	55	4	174	3	144	2	200	5	241	0	0	0	0	83	4652
10	GUJARAT	53386	4669487	5051	352160	3913	331210	77955	16581928	4503	387038	1551	167196	2515	128410	35	2490	148909	22619919
11	HARYANA	60820	19492148	6993	2045227	4815	1340010	3969	750718	3491	869947	3768	629656	2601	726604	3962	633103	90419	26487413
12	HIMACHAL PRADESH	2389	204786	611	47787	459	34510	337	22847	247	24323	184	16421	127	9960	69	8999	4423	369633
13	JAMMU & KASHMIR	2953	162062	1036	33102	660	28809	1367	51116	891	39833	438	20111	314	18008	190	10258	7849	363299
14	JHARKHAND	947	85342	3347	257482	186	28100	208	27222	491	103765	160	27174	113	17133	158	124486	5610	670704
15	KARNATAKA	127142	41502082	71345	33464396	51961	10804640	36548	18135376	36004	19023900	25305	6681647	18230	6788890	19881	7577442	386416	143978373
16	KERALA	2666	64151	526	14548	394	12465	256	13065	231	7232	169	4992	145	5393	116	2838	4503	124684
17	MADHYA PRADESH	51001	3903226	19450	1640077	12996	1001189	9547	717471	5341	408253	4211	356218	2705	203091	2455	181565	107706	8411090
18	MAHARASHTRA	36226	647918	22180	1090618	5177	895018	2533	189283	2254	130188	1911	2623463	1584	319725	31596	21372	103461	5917585
19	MEGHALAYA	689	21466	236	6503	21	531	33	728	120	3175	19	542	37	833	2	53	1157	33831
20	NAGALAND	1	50	0	0	0	0	10	405	4	272	0	0	0	0	0	0	15	727
21	ODISHA	27408	830381	6461	429569	3872	112329	3495	90252	3058	569427	2691	73347	1950	57309	1043	29312	49978	2191926
22	PUDUCHERRY	456	18511	48	1824	24	1064	5	555	16	827	5	315	41	2230	5	327	600	25653
23	PUNJAB	166855	39989265	34141	18322287	18150	9632316	11359	5496613	6762	6372079	4407	1264642	4195	475398	2810	1166933	248679	82719533
24	RAJASTHAN	20588	1453300	4174	262954	3474	213501	3606	213807	2170	145554	1231	77810	634	41846	334	25196	36211	2433968
25	TAMIL NADU	117313	9455507	11634	1068333	4500	359821	2985	244135	2974	571600	1934	137100	1720	141392	2188	244814	145248	12222702
26	TELANGANA	60850	2127729	16551	578269	8763	295415	7164	250443	5394	196940	4791	153779	2814	103125	2526	108153	108853	3813853
27	TRIPURA	61	9750	23	2652	22	3055	70	7989	54	8161	84	12703	101	15390	108	15018	523	74718
28	UTTARAKHAND	32967	1252256	8207	337201	2646	118791	1483	89115	954	58809	440	34991	386	23873	58	6719	47141	1921755
29	UTTAR PRADESH	207546	153275243	364583	24922896	226442	17022807	186131	11939025	168653	9743911	132008	6458876	108803	5200820	70221	3490819	3332304	232054397
30	WEST BENGAL	304474	177554036	30757	11645478	15336	13156553	9776	2387593	7965	2724276	5526	1572446	5639	611581	8021	1411259	387494	211063222
	Total	339290	487038199	705444	116416704	438990	57328981	436658	59647963	345442	44935016	258501	22645293	193175	16097025	169585	15689896	5940701	819799077

MINOR IRRIGATION CENSUS (2013-14)

Table.2.5 DISTRIBUTION OF SHALLOW TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Shallow Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	13	10	0	0	0	23
2	ANDHRA PRADESH	34180	144823	6183	57	12	185255
3	ARUNACHAL PRADESH	14	0	0	0	0	14
4	ASSAM	19920	107136	124	19	43	127242
5	BIHAR	217547	129436	14423	191	355	361952
6	CHANDIGARH	0	0	17	0	0	17
7	CHHATISGARH	33100	11998	558	15	5	45676
8	DELHI	635	2233	71	1	0	2940
9	GOA	49	32	2	0	0	83
10	GUJARAT	20493	10792	79050	37202	1372	148909
11	HARYANA	5253	67544	14700	2346	576	90419
12	HIMACHAL PRADESH	2855	1418	145	5	0	4423
13	JAMMU & KASHMIR	3772	3701	350	26	0	7849
14	JHARKHAND	5301	260	36	12	1	5610
15	KARNATAKA	71091	212853	90734	6928	4810	386416
16	KERALA	2266	2182	53	2	0	4503
17	MADHYA PRADESH	42537	58288	6552	258	71	107706
18	MAHARASHTRA	94949	7056	1436	14	6	103461
19	MEGHALAYA	160	980	13	4	0	1157
20	NAGALAND	10	5	0	0	0	15
21	ODISHA	29768	18374	1533	208	95	49978
22	PUDUCHERRY	32	524	44	0	0	600
23	PUNJAB	96263	143516	7794	331	775	248679
24	RAJASTHAN	5941	25892	4303	73	2	36211

MINOR IRRIGATION CENSUS (2013-14)

Table.2.5 DISTRIBUTION OF SHALLOW TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Shallow Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	TAMIL NADU	25919	95984	21944	1085	316	145248
26	TELANGANA	18339	83117	6720	534	143	108853
27	TRIPURA	34	440	49	0	0	523
28	UTTARAKHAND	3346	33309	10423	52	11	47141
29	UTTAR PRADESH	1115698	2136018	74900	3333	2355	3332304
30	WEST BENGAL	130188	226651	24628	4792	1235	387494
Total		1979673	3524572	366785	57488	12183	5940701

MINOR IRRIGATION CENSUS (2013-14)

Table.2.6 DISTRIBUTION OF SHALLOW TUBEWELLS (UNDER INDIVIDUAL OWNERSHIP) ACCORDING TO MAJOR SOURCE OF FINANCE

(In Nos.)

Sl. No.	State	With single source of Finance						With two Sources of finance								Grand Total (8+16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (3 to 13)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	7	13	0	0	20	0	0	0	0	0	0	0	0	20
2	ANDHRA PRADESH	1257	478	121920	1553	957	126165	6070	1297	27723	120	85	137	20803	56235	182400
3	ASSAM	299	414	50884	13	125	51735	56	55	153	13	15	5	42376	42673	94408
4	BIHAR	7998	4940	99314	467	1352	114071	5026	10367	3084	17797	544	364	204356	241538	355609
5	CHANDIGARH	0	0	0	0	12	12	0	0	0	0	0	0	5	5	17
6	CHHATISGARH	451	615	16368	14	124	17572	12594	470	13	340	7	1	14363	27788	45360
7	DELHI	5	5	2566	0	2	2578	5	0	6	0	0	0	330	341	2919
8	GOA	2	20	54	0	1	77	0	1	0	0	0	0	0	1	78
9	GUJARAT	3249	3119	94167	978	41468	142981	3	0	2	3	1	1	4618	4628	147609
10	HARYANA	7	1	1546	2	4	1560	43	4	122	2	0	0	6693	6864	8424
11	HIMACHAL PRADESH	167	15	1854	1	180	2217	161	30	2	3	3	0	1672	1871	4088
12	JAMMU & KASHMIR	123	17	7280	1	231	7652	4	27	0	0	0	0	29	60	7712
13	JHARKHAND	22	1366	135	0	9	1532	10	5	0	50	0	6	283	354	1886
14	KARNATAKA	48379	3097	148165	4267	9984	213892	86918	3289	17937	7252	5870	2722	47810	171798	385690
15	KERALA	56	20	3808	0	16	3900	236	238	4	10	1	0	48	537	4437
16	MADHYA PRADESH	5158	1769	72085	241	1046	80299	1549	142	292	354	14	0	15498	17849	98148
17	MAHARASHTRA	12695	3010	56019	180	637	72541	9012	123	18	514	21	3	3374	13065	85606
18	MEGHALAYA	2	30	756	2	0	790	0	0	0	0	0	0	6	6	796
19	NAGALAND	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1
20	ODISHA	590	1285	26864	33	326	29098	2181	13515	1087	475	20	95	2477	19850	48948
21	PUDUCHERRY	17	0	513	2	44	576	0	0	0	0	0	0	6	6	582
22	PUNJAB	743	890	185954	10323	2089	199999	1356	233	31975	576	54	54	10671	44919	244918
23	RAJASTHAN	672	17	8175	53	80	8997	3075	7	444	38	169	0	3483	7216	16213
24	TAMIL NADU	2820	419	74657	629	644	79169	10160	1124	3979	685	95	19	17581	33643	112812
25	TELANGANA	2941	441	54909	2975	614	61880	2642	190	23981	334	1339	127	16880	45493	107373
26	TRIPURA	0	101	120	0	1	222	0	0	0	0	0	0	0	0	222
27	UTTARAKHAND	277	136	16894	18	48	17373	8359	83	538	753	1	5	17088	26827	44200
28	UTTAR PRADESH	63305	196186	1818060	24902	17373	2119826	253345	472701	26568	49434	7315	10751	389720	1209834	3329660
29	WEST BENGAL	11275	1587	264371	1007	1009	279249	20843	2205	453	4586	185	57	11304	39633	318882
	Total	162510	219985	3127451	47662	78376	3635984	423648	506106	138381	83339	15739	14347	831474	2013034	5649018

MINOR IRRIGATION CENSUS (2013-14)
Table.2.7 DISTRIBUTION OF SHALLOW TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl.No	State	Shallow Tubewells in use	Shallow Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDAMAN & NICOBARS	23	0	0	0	23
2	ANDHRA PRADESH	177172	4428	3655	8083	185,255
3	ARUNACHAL PRADESH	14	0	0	0	14
4	ASSAM	117001	8259	1982	10241	127,242
5	BIHAR	358409	3401	142	3543	361,952
6	CHANDIGARH	17	0	0	0	17
7	CHHATISGARH	45661	14	1	15	45,676
8	DELHI	2940	0	0	0	2,940
9	GOA	76	0	7	7	83
10	GUJARAT	148305	387	217	604	148,909
11	HARYANA	90410	9	0	9	90,419
12	HIMACHAL PRADESH	4417	5	1	6	4,423
13	JAMMU & KASHMIR	7840	4	5	9	7,849
14	JHARKHAND	2307	3300	3	3303	5,610
15	KARNATAKA	377730	4427	4259	8686	386,416
16	KERALA	4500	2	1	3	4,503
17	MADHYA PRADESH	107310	125	271	396	107,706
18	MAHARASHTRA	102991	384	86	470	103,461
19	MEGHALAYA	1151	3	3	6	1,157
20	NAGALAND	14	1	0	1	15
21	ODISHA	44986	3682	1310	4992	49,978

MINOR IRRIGATION CENSUS (2013-14)

Table.2.7 DISTRIBUTION OF SHALLOW TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl.No	State	Shallow Tubewells in use	Shallow Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
22	PUDUCHERRY	553	11	36	47	600
23	PUNJAB	248654	1	24	25	248,679
24	RAJASTHAN	35782	211	218	429	36,211
25	TAMIL NADU	138020	5268	1960	7228	145,248
26	TELANGANA	101051	5273	2529	7802	108,853
27	TRIPURA	494	23	6	29	523
28	UTTARAKHAND	47105	3	33	36	47,141
29	UTTAR PRADESH	3296032	34802	1470	36272	3,332,304
30	WEST BENGAL	377666	3730	6098	9828	387,494
	Total	5838631	77753	24317	102070	5940701

MINOR IRRIGATION CENSUS (2013-14)
Table.2.8 DISTRIBUTION OF SHALLOW TUBEWELLS TEMPORARILY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No	State	Non Availability of Adequate Power/Fuel		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	171	111.94	450	482.42	1950	2497.18	51	38.23	64	63.33	1742	8954.94	4428	12148.04
2	ASSAM	43	87.47	5403	11356.49	214	466.43	238	518.25	20	27.1	2341	5071.57	8259	17527.31
3	BIHAR	921	1147.75	2032	3000.56	226	634.13	94	238.6	51	110.78	77	231.41	3401	5363.23
4	CHHATISGARH	10	1.63	1	0	2	0	1	0	0	0	0	0	14	1.63
5	GUJARAT	17	49.52	54	243.01	53	75.05	0	0	0	0	263	1564.45	387	1932.03
6	HARYANA	7	0	1	0	0	0	0	0	0	0	1	1	9	1
7	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	5	0	5	0
8	JAMMU & KASHMIR	0	0	3	0	0	0	0	0	1	0.8	0	0	4	0.8
9	JHARKHAND	3	1	23	1.02	3253	15.2	5	1	0	0	16	9.45	3300	27.67
10	KARNATAKA	509	33.48	640	25.73	2692	380.31	93	8.62	47	3.95	446	9.99	4427	462.08
11	KERALA	0	0	0	0	1	0	1	0	0	0	0	0	2	0
12	MADHYA PRADESH	19	0.8	50	2	27	18.08	2	1.19	4	4	23	13.8	125	39.87
13	MAHARASHTRA	107	21.06	35	8.6	82	13.61	3	0.48	2	1	155	0.45	384	45.2
14	MEGHALAYA	0	0	2	8	0	0	0	0	1	7	0	0	3	15
15	NAGALAND	0	0	0	0	0	0	0	0	0	0	1	7	1	7
16	ODISHA	218	622.99	1145	3810.84	571	1260.85	343	766.56	511	1284.69	894	1952.61	3682	9698.54
17	PUDUCHERRY	2	0	3	0	0	0	2	1.68	0	0	4	3.22	11	4.9
18	PUNJAB	0	0	1	0.1	0	0	0	0	0	0	0	0	1	0.1
19	RAJASTHAN	11	33.6	13	31.03	109	332.67	3	7.15	3	7.31	72	252.54	211	664.3
20	TAMIL NADU	611	955.21	478	661.94	2864	2180.27	152	2888.89	239	300.88	924	1028.42	5268	8015.61
21	TELANGANA	600	505.03	560	547.76	3678	3608.82	173	182.12	80	170.43	182	258.58	5273	5272.74
22	TRIPURA	2	3	7	13.9	1	0.5	1	0	4	11.2	8	12.3	23	40.9
23	UTTARAKHAND	0	0	1	0	0	0	0	0	0	0	2	1.7	3	1.7
24	UTTAR PRADESH	9219	7218.18	15319	6118.77	3221	2812.19	307	177.14	222	81	6514	5001.68	34802	21408.96
25	WEST BENGAL	396	471.05	1994	1461.65	211	251.78	181	823.89	66	76.15	882	815.33	3730	3899.85
	Total	12866	11263.71	28215	27773.82	19155	14547.07	1650	5653.8	1315	2149.62	14552	25190.44	77753	86578.46

MINOR IRRIGATION CENSUS (2013-14)

Table.2.9 DISTRIBUTION OF SHALLOW TUBEWELLS PERMANENTLY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No	State	Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/ Medium Irrigation Projects		Other reasons		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	387	383.69	1489	1030.1	447	472.07	99	67.96	61	44.2	600	460.91	572	450.66	3655	2909.59
2	ASSAM	22	11.6	407	355.87	730	400.96	21	20.75	4	8.8	62	154.29	736	1159.14	1982	2111.41
3	BIHAR	10	46.5	47	362.5	35	138.36	1	0	1	1	4	13.75	44	209	142	771.11
4	CHHATISGARH	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
5	GOA	0	0	0	0	0	0	0	0	0	0	0	0	7	3.1	7	3.1
6	GUJARAT	15	98.27	80	678.37	1	6.42	2	9.99	1	11.1	0	0	118	937.79	217	1741.94
7	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
8	JAMMU & KASHMIR	0	0	0	0	2	0	0	0	2	5.56	0	0	1	1.22	5	6.78
9	JHARKHAND	0	0	2	0.5	1	0	0	0	0	0	0	0	0	0	3	0.5
10	KARNATAKA	718	546.81	1811	1474.54	138	66.56	17	3.61	75	53.18	3	0.82	1497	947.89	4259	3093.41
11	KERALA	1	0.7	0	0	0	0	0	0	0	0	0	0	0	0	1	0.7
12	MADHYA PRADESH	5	0	39	90.25	18	10.04	2	0	1	4.52	47	0	159	20.81	271	125.62
13	MAHARASHTRA	13	18.76	43	8.23	13	2.56	0	0	2	1	0	0	15	22.5	86	53.05
14	MEGHALAYA	0	0	1	25	2	145	0	0	0	0	0	0	0	0	3	170
15	ODISHA	42	274.69	333	811.71	590	1948.53	12	34.05	20	37.31	10	19.9	303	1021.6	1310	4147.79
16	PUDUCHERRY	3	0.74	5	2.3	3	3.84	1	0	0	0	1	0.3	23	4.42	36	11.6
17	PUNJAB	1	0	7	0	3	0	0	0	0	0	0	0	13	0	24	0
18	RAJASTHAN	5	12.34	186	873.2	8	26.86	0	0	0	0	0	0	19	18.87	218	931.27
19	TAMIL NADU	187	168.98	739	832.04	660	805.11	6	6	16	5.07	21	6.94	331	406.59	1960	2230.73
20	TELANGANA	74	140.84	1910	2327.88	466	533.08	15	13.71	22	28.94	9	8.53	33	69.14	2529	3122.12
21	TRIPURA	0	0	2	5	2	2.3	0	0	0	0	0	0	2	2	6	9.3
22	UTTARAKHAND	2	0.8	8	39.6	19	93.29	2	6.3	1	3.4	0	0	1	1.5	33	144.89
23	UTTAR PRADESH	53	100.2	230	498.87	724	716.2	14	38	9	10.38	3	2	437	372.24	1470	1737.89
24	WEST BENGAL	55	205.24	165	404.38	4948	12084.77	19	32.56	6	19.06	8	33.85	897	1211.77	6098	13991.63
	Total	1593	2010.16	7505	9820.34	8810	17455.95	211	232.93	221	233.52	768	701.29	5209	6860.24	24317	37314.43

MINOR IRRIGATION CENSUS (2013-14)

Table.2.10 DISTRIBUTION OF SHALLOW TUBEWELLS IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In No./ Area in ha.)

Sl. No.	State	Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	0	0	4	10.2	0	0	15	12.2	1	1.8	0	0	3	1.13	23	25.33
2	ANDHRA PRADESH	12403	21808.93	115625	193539.05	12144	20646.52	28782	39709.32	3447	5801.12	4440	6950.73	331	395.56	177172	288851.23
3	ARUNACHAL PRADESH	10	33	2	5	0	0	0	0	0	0	0	0	2	8	14	46
4	ASSAM	303	729.57	115485	198637.49	282	1067.87	82	147.42	6	8.59	7	83.36	836	1541.81	117001	202216.11
5	BIHAR	6102	27875.89	39009	192777.85	1521	10182.06	308774	1588476.79	923	4560.45	87	384.9	1993	7277.92	358409	1831535.86
6	CHANDIGARH	6	17.88	11	36.78	0	0	0	0	0	0	0	0	0	0	17	54.66
7	CHHATISGARH	2214	6555.61	17776	38766.55	396	1063.69	21905	54636.57	369	902.1	872	4753.1	2129	6537.37	45661	113214.99
8	DELHI	46	137.4	2762	7410.36	0	0	132	496.2	0	0	0	0	0	0	2940	8043.96
9	GOA	1	0.4	29	19.49	2	0.9	12	8.08	0	0	26	29.59	6	2.65	76	61.11
10	GUJARAT	3389	9487.02	16911	72278.69	10402	54765.74	116626	648011.41	800	801.26	23	69.78	154	48.86	148305	785462.76
11	HARYANA	7350	61108.7	48500	410690.1	19684	200040	7800	86452.2	66	431	6563	68598.6	447	3588	90410	830908.6
12	HIMACHAL PRADESH	215	1572.71	3277	6561.84	168	612.29	738	1411.6	1	5.35	8	29.08	10	13.4	4417	10206.27
13	JAMMU & KASHMIR	216	459.64	7556	11024.88	17	11.34	44	103.75	1	0.8	0	0	6	9.3	7840	11609.71
14	JHARKHAND	52	41.83	2016	6961.81	4	6	113	193.28	6	17	0	0	116	833.9	2307	8053.82
15	KARNATAKA	41346	91072.72	38126	64459.89	247813	424716.16	17767	36146.29	22616	51965.64	4259	8570.97	5803	8454.2	377730	685385.87
16	KERALA	276	168.25	914	494.77	1056	328.36	2077	791.35	33	27.25	119	65.9	25	32.15	4500	1908.03
17	MADHYA PRADESH	1471	4008.09	17726	48878.12	5866	24406.54	58213	208000.72	354	1019.6	23489	78004.18	191	521.83	107310	364839.08
18	MAHARASHTRA	22667	43955.67	31579	58156	32746	72062.01	7550	15132.47	2753	4026.68	3618	3645.83	2078	4948.63	102991	201927.29
19	MEGHALAYA	25	2846	1110	7807.15	0	0	5	379.5	0	0	0	0	11	108	1151	11140.65
20	NAGALAND	0	0	0	0	0	0	4	18.5	0	0	0	0	10	22.6	14	41.1
21	ODISHA	434	1405.32	18347	30537.48	552	2240.34	24838	30902.75	66	183.11	13	43.83	736	683.07	44986	65995.9
22	PUDUCHERRY	206	400.21	174	205.53	68	110.66	105	145.83	0	0	0	0	0	0	553	862.23
23	PUNJAB	43915	250868.28	201874	870162.36	2078	11915.95	88	458.53	61	288.68	10	33.7	628	3075.79	248654	1136803.29
24	RAJASTHAN	545	3626.19	5308	23689.67	2571	16632.92	25621	156371.38	22	90.39	1710	8494.22	5	20.95	35782	208925.72
25	TAMIL NADU	27810	44846.17	81603	160419.24	18918	49438.22	4283	5933.13	3161	4545.89	207	233.86	2038	3745.34	138020	269161.85
26	TELANGANA	19849	26491.24	30430	46849.81	23331	31197.33	25175	31702.23	520	807.11	775	436.9	971	1002.07	101051	138486.69
27	TRIPURA	6	19.8	171	696.44	148	592.46	163	881.92	0	0	0	0	6	13.1	494	2203.72
28	UTTARAKHAND	934	5482.29	43222	223589.28	2797	9898.21	129	823.44	14	57.55	0	0	9	60.81	47105	239911.58
29	UTTAR PRADESH	68154	364902.48	2139081	8772474.22	24525	109707.66	104775	4157815.58	2663	9913.71	1605	7882.17	12251	63813.27	3296032	13486509.09
30	WEST BENGAL	42978	108052.17	305074	991161.13	5525	31160.88	22146	65742.51	211	549.48	119	239.85	1613	4643.45	377666	1201549.47
	Total	302923	1077973.46	3283702	12438301.18	412614	1072804.11	172094	7130904.95	38094	86004.56	47950	188550.55	32408	111403.16	5838631	22105941.97

MINOR IRRIGATION CENSUS (2013-14)

Table.2.11 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO LIFTING DEVICES

(In Nos.)

Sl. No.	State	With One lifting Device						With two lifting Device					Grand Total (8+13)
		Submersibl Pump	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDAMAN & NICOBARS	4	18	0	0	1	23	0	0	0	0	0	23
2	ANDHRA PRADESH	102254	75483	560	0	1055	179352	1442	8	2	796	2248	181600
3	ARUNACHAL PRADESH	14	0	0	0	0	14	0	0	0	0	0	14
4	ASSAM	803	123411	19	0	760	124993	97	0	0	116	213	125206
5	BIHAR	21830	278753	1775	0	15687	318045	26186	638	923	15973	43720	361765
6	CHANDIGARH	6	11	0	0	0	17	0	0	0	0	0	17
7	CHHATISGARH	43154	1764	11	0	368	45297	349	2	2	23	376	45673
8	DELHI	171	2766	0	0	0	2937	2	0	0	1	3	2940
9	GOA	58	18	0	0	0	76	0	0	0	0	0	76
10	GUJARAT	146992	1515	46	0	128	148681	8	0	0	3	11	148692
11	HARYANA	81254	6765	37	0	1882	89938	62	1	1	417	481	90419
12	HIMACHAL PRADESH	2412	1804	58	0	64	4338	71	0	5	8	84	4422
13	JAMMU & KASHMIR	662	7038	1	0	142	7843	1	0	0	0	1	7844
14	JHARKHAND	3547	768	5	0	458	4778	86	7	14	720	827	5605
15	KARNATAKA	338406	22281	5620	0	12218	378525	1674	117	24	1705	3520	382045
16	KERALA	1007	3445	1	0	9	4462	16	0	0	24	40	4502
17	MADHYA PRADESH	75769	18863	270	0	7940	102842	2389	36	6	2157	4588	107430
18	MAHARASHTR	75752	23424	201	0	3935	103312	44	1	0	13	58	103370

MINOR IRRIGATION CENSUS (2013-14)

Table.2.11 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO LIFTING DEVICES

(In Nos.)

Sl. No.	State	With One lifting Device						With two lifting Device					Grand Total (8+13)
		Submersibl Pump	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
19	MEGHALAYA	22	1052	0	0	10	1084	62	0	0	7	69	1153
20	NAGALAND	2	12	0	0	0	14	0	0	1	0	1	15
21	ODISHA	10056	35340	1876	0	392	47664	467	4	19	424	914	48578
22	PUDUCHERRY	559	0	0	0	0	559	5	0	0	0	5	564
23	PUNJAB	129668	112116	245	1	4425	246455	928	184	1	1087	2200	248655
24	RAJASTHAN	23685	11676	147	0	369	35877	89	3	4	2	98	35975
25	TAMIL NADU	69482	64643	1916	0	4370	140411	1583	155	70	502	2310	142721
26	TELANGANA	88030	10794	285	0	836	99945	936	4	3	267	1210	101155
27	TRIPURA	492	24	0	0	0	516	0	0	0	1	1	517
28	UTTARAKHAND	3450	33007	5	0	23	36485	10620	0	2	1	10623	47108
29	UTTAR PRADESH	174699	2873062	4621	0	52959	3105341	42897	196	841	181409	225343	3330684
30	WEST BENGAL	79815	287362	401	0	1901	369479	8590	61	93	3101	11845	381324
Total		1474055	3997215	18100	1	109932	5599303	98604	1417	2011	208757	310789	5910092

MINOR IRRIGATION CENSUS (2013-14)
Table.2.12 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

(In Nos.)

Sl. No.	State	With one source of energy							With two Source of Energy								Grand Total (9+17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Others	Total (3 to 8)	Electric & Diesel	Electric & Windmill	Electric & Solar	Diesel & Windmills	Diesel & Solar	Windmill & Solar	Others	Total (10 to 17)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	20	3	0	0	0	0	23	0	0	0	0	0	0	0	0	23
2	ANDHRA PRADESH	162466	16008	71	35	0	1391	179971	1479	2	5	0	0	0	143	1629	181600
3	ARUNACHAL PRADESH	14	0	0	0	0	0	14	0	0	0	0	0	0	0	0	14
4	ASSAM	420	124256	53	2	0	61	124792	165	1	0	5	3	1	239	414	125206
5	BIHAR	22114	260174	457	94	0	6158	288997	70337	306	154	1418	232	34	287	72768	361765
6	CHANDIGARH	14	3	0	0	0	0	17	0	0	0	0	0	0	0	0	17
7	CHHATISGARH	45194	86	19	2	0	73	45374	116	164	8	2	3	0	6	299	45673
8	DELHI	2591	327	1	0	0	0	2919	11	0	0	0	0	0	10	21	2940
9	GOA	75	1	0	0	0	0	76	0	0	0	0	0	0	0	0	76
10	GUJARAT	144563	694	0	2	0	10	145269	3407	8	0	2	2	0	4	3423	148692
11	HARYANA	68296	9139	18	1	0	113	77567	11666	6	0	3	3	0	1174	12852	90419
12	HIMACHAL PRADESH	3789	429	0	0	0	2	4220	192	1	0	0	0	0	9	202	4422
13	JAMMU & KASHMIR	7691	23	0	0	0	3	7717	127	0	0	0	0	0	0	127	7844
14	JHARKHAND	3521	951	0	0	0	17	4489	394	13	0	2	4	0	703	1116	5605
15	KARNATAKA	370498	511	66	60	0	362	371497	6983	863	1319	7	3	3	1370	10548	382045
16	KERALA	4377	16	0	0	0	5	4398	96	3	0	0	0	0	5	104	4502
17	MADHYA PRADESH	93014	7704	32	9	0	163	100922	2620	28	13	10	1	1	3835	6508	107430
18	MAHARASHTRA	100641	955	160	31	0	340	102127	721	73	28	6	1	0	414	1243	103370
19	MEGHALAYA	5	901	0	0	0	0	906	4	0	0	0	0	0	243	247	1153
20	NAGALAND	5	8	0	0	0	0	13	0	0	0	0	0	0	2	2	15
21	ODISHA	24781	19528	61	22	0	891	45283	2319	16	5	25	6	1	923	3295	48578
22	PUDUCHERRY	561	1	0	0	0	1	563	1	0	0	0	0	0	0	1	564
23	PUNJAB	200315	34869	82	19	0	40	235325	12874	101	12	12	7	2	322	13330	248655
24	RAJASTHAN	13119	20496	1	5	0	0	33621	2341	0	0	0	0	0	13	2354	35975
25	TAMIL NADU	108199	14028	109	35	0	1620	123991	5902	318	118	211	63	33	12085	18730	142721
26	TELANGANA	92596	440	7	27	0	1	93071	7857	36	28	1	3	0	159	8084	101155
27	TRIPURA	514	3	0	0	0	0	517	0	0	0	0	0	0	0	0	517
28	UTTARAKHAND	3785	31571	5	0	0	8	35369	11734	3	0	2	0	0	0	11739	47108
29	UTTAR PRADESH	326798	2743097	1447	296	0	2275	3073913	106569	514	83	1306	978	25	147296	256771	3330684
30	WEST BENGAL	76670	260443	188	119	0	674	338094	38854	119	39	124	83	4	4007	43230	381324
Total		1876646	3546665	2777	759	0	14208	5441055	286769	2575	1812	3136	1392	104	173249	469037	5910092

MINOR IRRIGATION CENSUS (2013-14)

Table.2.13 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No	State	No. of Shallow Tubewells by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	15	1	3	0	0	0	19	4	23
2	ANDHRA PRADESH	6324	45918	109493	14951	817	4082	181585	15	181600
3	ARUNACHAL PRADESH	12	2	0	0	0	0	14	0	14
4	ASSAM	140	116	123663	681	252	339	125191	15	125206
5	BIHAR	12805	30690	270272	9117	12147	26636	361667	98	361765
6	CHANDIGARH	0	1	14	0	2	0	17	0	17
7	CHHATISGARH	6840	34875	3760	19	19	113	45626	47	45673
8	DELHI	4	43	1147	1284	144	318	2940	0	2940
9	GOA	6	33	17	1	2	0	59	17	76
10	GUJARAT	41	6300	13851	8023	20392	100038	148645	47	148692
11	HARYANA	283	1550	2614	10783	12846	62343	90419	0	90419
12	HIMACHAL PRADESH	59	1870	1428	553	219	279	4408	14	4422
13	JAMMU & KASHMIR	24	610	7013	77	55	65	7844	0	7844
14	JHARKHAND	297	550	1262	25	35	19	2188	3417	5605
15	KARNATAKA	19988	17000	156366	85299	19942	83442	382037	8	382045
16	KERALA	3257	1130	98	9	2	5	4501	1	4502
17	MADHYA PRADESH	1160	22615	69804	9911	1422	2406	107318	112	107430

MINOR IRRIGATION CENSUS (2013-14)

Table.2.13 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No	State	No. of Shallow Tubewells by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
18	MAHARASHTRA	1487	20706	76425	1862	546	2296	103322	48	103370
19	MEGHALAYA	2	1	1072	2	1	75	1153	0	1153
20	NAGALAND	0	5	8	1	1	0	15	0	15
21	ODISHA	11099	29408	6316	104	8	316	47251	1327	48578
22	PUDUCHERRY	0	11	187	136	1	229	564	0	564
23	PUNJAB	979	43450	82829	43612	32224	45541	248635	20	248655
24	RAJASTHAN	16	759	5339	3752	11613	14496	35975	0	35975
25	TAMIL NADU	5067	11626	85879	24025	2472	13640	142709	12	142721
26	TELANGANA	278	9201	87069	3987	106	511	101152	3	101155
27	TRIPURA	69	434	13	0	0	1	517	0	517
28	UTTARAKHAND	18	36	10401	5210	18583	12860	47108	0	47108
29	UTTAR PRADESH	12576	76352	333453	774690	1595948	537286	3330305	379	3330684
30	WEST BENGAL	20351	32655	321827	2159	739	3563	381294	30	381324
	Total	103197	387948	1771623	1000273	1730538	910899	5904478	5614	5910092

MINOR IRRIGATION CENSUS (2013-14)

Table.2.14 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	19	0	0	0	0	0	19	17	2	0	0	0	0	19
2	ANDHRA PRADESH	88563	24281	22473	30320	14301	1647	181585	80820	35098	26284	23941	13435	2007	181585
3	ARUNACHAL PRADESH	10	2	1	1	0	0	14	12	0	1	1	0	0	14
4	ASSAM	118975	4844	1155	160	17	40	125191	79916	33890	4988	4424	1653	320	125191
5	BIHAR	263230	62919	15614	9110	3500	7294	361667	266498	65625	16488	7417	2278	3361	361667
6	CHANDIGARH	1	2	1	5	7	1	17	1	2	7	7	0	0	17
7	CHHATISGARH	34421	7096	2103	1105	476	425	45626	29069	7682	1518	2072	1929	3356	45626
8	DELHI	1832	486	369	147	21	85	2940	2121	374	164	177	23	81	2940
9	GOA	59	0	0	0	0	0	59	56	3	0	0	0	0	59
10	GUJARAT	144545	2114	1956	9	21	0	148645	48611	41918	26296	24750	4523	2547	148645
11	HARYANA	31200	36550	11534	5944	4270	921	90419	25697	42654	15323	2325	2644	1776	90419
12	HIMACHAL PRADESH	3782	268	124	86	7	141	4408	3087	879	116	87	45	194	4408
13	JAMMU & KASHMIR	3020	4244	262	126	119	73	7844	7597	203	37	4	3	0	7844
14	JHARKHAND	1973	150	34	20	4	7	2188	1993	146	30	5	3	11	2188
15	KARNATAKA	218013	97197	43044	14871	5357	3555	382037	277521	61279	26013	6980	8686	1558	382037
16	KERALA	4376	112	9	3	0	1	4501	4257	215	23	2	2	2	4501
17	MADHYA PRADESH	100891	4913	984	333	119	78	107318	38049	36713	14182	10916	5612	1846	107318
18	MAHARASHTRA	63386	23965	4395	1301	288	9987	103322	57906	23331	8302	1979	1255	10549	103322
19	MEGHALAYA	1141	10	2	0	0	0	1153	445	667	40	0	0	1	1153
20	NAGALAND	10	3	2	0	0	0	15	11	4	0	0	0	0	15
21	ODISHA	40033	5409	1207	493	71	38	47251	30416	8434	3287	2731	1677	706	47251

MINOR IRRIGATION CENSUS (2013-14)

Table.2.14 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
22	PUDUCHERRY	224	167	113	44	10	6	564	275	204	64	16	5	0	564
23	PUNJAB	31554	38640	60353	64946	37965	15177	248635	213521	27836	5602	1084	304	288	248635
24	RAJASTHAN	34493	803	380	113	48	138	35975	4795	7778	9991	6338	3588	3485	35975
25	TAMIL NADU	86983	20611	11432	8616	6419	8648	142709	94238	19647	11926	7854	4782	4262	142709
26	TELANGANA	6203	10492	29100	28761	13905	12691	101152	8581	9274	33321	34413	14110	1453	101152
27	TRIPURA	485	31	1	0	0	0	517	170	238	96	6	3	4	517
28	UTTARAKHAND	18075	17857	5674	2360	1404	1738	47108	15943	14352	10208	3298	1369	1938	47108
29	UTTAR PRADESH	2465734	724406	99626	25210	8845	6484	3330305	2289140	801009	169172	39862	18188	12934	3330305
30	WEST BENGAL	255840	75704	27738	10618	5319	6075	381294	200215	85183	40177	19926	14993	20800	381294
	Total	4019071	1163276	339686	204702	102493	75250	5904478	3780978	1324640	423656	200615	101110	73479	5904478

MINOR IRRIGATION CENSUS (2013-14)

Table.2.15 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO AVERAGE HOURS OF PUMPING PER DAY

(In Nos.)

Sl. No.	State	During Kharif season							During Rabi season						
		0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (3 to 8)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	19	0	0	0	0	0	19	12	7	0	0	0	0	19
2	ANDHRA PRADESH	57393	122879	1013	97	21	182	181585	58858	119680	2601	331	48	67	181585
3	ARUNACHAL PRADESH	8	3	2	1	0	0	14	10	2	0	1	1	0	14
4	ASSAM	104698	19937	491	15	7	43	125191	47459	69411	8224	13	1	83	125191
5	BIHAR	85222	139717	96785	28820	4122	7001	361667	89128	141432	95365	28917	2889	3936	361667
6	CHANDIGARH	1	10	6	0	0	0	17	1	16	0	0	0	0	17
7	CHHATISGARH	9164	7418	6751	10087	951	11255	45626	7722	4792	6848	11386	2794	12084	45626
8	DELHI	494	739	1597	98	7	5	2940	196	1231	1376	121	9	7	2940
9	GOA	59	0	0	0	0	0	59	59	0	0	0	0	0	59
10	GUJARAT	86556	61061	1014	13	1	0	148645	29266	91540	27725	109	0	5	148645
11	HARYANA	26142	39592	22588	1150	538	409	90419	4019	71580	10537	3004	472	807	90419
12	HIMACHAL PRADESH	779	2133	1204	288	4	0	4408	399	1309	1938	657	92	13	4408
13	JAMMU & KASHMIR	457	3394	3270	626	93	4	7844	1372	6185	247	40	0	0	7844
14	JHARKHAND	1426	510	191	29	9	23	2188	1413	594	113	34	8	26	2188
15	KARNATAKA	206326	160376	13621	1045	98	571	382037	252165	118608	9258	1470	47	489	382037
16	KERALA	4411	85	3	1	0	1	4501	4380	115	4	1	0	1	4501
17	MADHYA PRADESH	86944	12380	7566	311	80	37	107318	9606	42907	49380	4672	442	311	107318
18	MAHARASHTRA	41746	41358	9214	10650	87	267	103322	37684	45093	9431	1069	9685	360	103322
19	MEGHALAYA	877	123	150	1	0	2	1153	262	888	2	0	0	1	1153
20	NAGALAND	8	5	1	0	0	1	15	8	6	1	0	0	0	15
21	ODISHA	23545	19448	3711	475	41	31	47251	13334	23468	8623	1328	262	236	47251
22	PUDUCHERRY	185	169	174	32	4	0	564	229	209	102	23	1	0	564
23	PUNJAB	9005	134475	102885	1738	274	258	248635	26938	198073	22937	461	73	153	248635
24	RAJASTHAN	33063	1988	858	54	9	3	35975	1273	13214	19819	1519	121	29	35975
25	TAMIL NADU	92251	29162	15056	5146	449	645	142709	91311	36335	11811	2441	358	453	142709
26	TELANGANA	5707	91978	3124	73	2	268	101152	11083	86388	3653	19	1	8	101152
27	TRIPURA	372	141	3	0	0	1	517	123	315	75	1	0	3	517
28	UTTARAKHAND	661	18545	22376	4615	591	320	47108	1129	15713	20417	8777	657	415	47108
29	UTTAR PRADESH	301766	1608387	1207928	147208	19750	45266	3330305	263993	1514906	1295086	186316	24128	45876	3330305
30	WEST BENGAL	166450	143998	57763	8717	2117	2249	381294	128152	143923	85305	17640	4274	2000	381294
	Total	1345735	2660011	1579345	221290	29255	68842	5904478	1081584	2747940	1690878	270350	46363	67363	5904478

MINOR IRRIGATION CENSUS (2013-14)

Table.2.16 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No	State	No. by the depth of Shallow Tubewells						
		0 to 20 mts	20 to 35 mts	35 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	22	1	0	0	0	0	23
2	ANDHRA PRADESH	86959	98296	0	0	0	0	185255
3	ARUNACHAL PRADESH	0	14	0	0	0	0	14
4	ASSAM	18648	108594	0	0	0	0	127242
5	BIHAR	128408	233544	0	0	0	0	361952
6	CHANDIGARH	6	11	0	0	0	0	17
7	CHHATISGARH	22559	23117	0	0	0	0	45676
8	DELHI	1231	1709	0	0	0	0	2940
9	GOA	46	37	0	0	0	0	83
10	GUJARAT	43482	105427	0	0	0	0	148909
11	HARYANA	50572	39847	0	0	0	0	90419
12	HIMACHAL PRADESH	2868	1555	0	0	0	0	4423
13	JAMMU & KASHMIR	5699	2150	0	0	0	0	7849
14	JHARKHAND	5387	223	0	0	0	0	5610
15	KARNATAKA	41475	344941	0	0	0	0	386416
16	KERALA	3411	1092	0	0	0	0	4503
17	MADHYA PRADESH	46790	60916	0	0	0	0	107706
18	MAHARASHTRA	24544	78917	0	0	0	0	103461
19	MEGHALAYA	1133	24	0	0	0	0	1157
20	NAGALAND	11	4	0	0	0	0	15
21	ODISHA	14031	35947	0	0	0	0	49978
22	PUDUCHERRY	297	303	0	0	0	0	600
23	PUNJAB	125469	123210	0	0	0	0	248679
24	RAJASTHAN	8838	27373	0	0	0	0	36211
25	TAMIL NADU	105045	40203	0	0	0	0	145248

MINOR IRRIGATION CENSUS (2013-14)

Table.2.16 DISTRIBUTION OF SHALLOW TUBEWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No	State	No. by the depth of Shallow Tubewells						
		0 to 20 mts	20 to 35 mts	35 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
26	TELANGANA	28814	80039	0	0	0	0	108853
27	TRIPURA	13	510	0	0	0	0	523
28	UTTARAKHAND	31287	15854	0	0	0	0	47141
29	UTTAR PRADESH	1005426	2326878	0	0	0	0	3332304
30	WEST BENGAL	215327	172167	0	0	0	0	387494
	Total	2017798	3922903	0	0	0	0	5940701

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17A DISTRIBUTION OF SHALLOW TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No	State	No. of Shallow by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDAMAN & NICOBARS	23	0	0	23
2	ANDHRA PRADESH	122595	61709	951	185255
3	ARUNACHAL PRADESH	14	0	0	14
4	ASSAM	125704	699	839	127242
5	BIHAR	357762	4190	0	361952
6	CHANDIGARH	17	0	0	17
7	CHHATISGARH	45107	529	40	45676
8	DELHI	2904	4	32	2940
9	GOA	83	0	0	83
10	GUJARAT	133988	14860	61	148909
11	HARYANA	77262	12620	537	90419
12	HIMACHAL PRADESH	4014	409	0	4423
13	JAMMU & KASHMIR	7758	36	55	7849
14	JHARKHAND	5534	76	0	5610
15	KARNATAKA	363943	8681	13792	386416
16	KERALA	4327	176	0	4503
17	MADHYA PRADESH	100148	2714	4844	107706
18	MAHARASHTRA	90060	12776	625	103461
19	MEGHALAYA	1106	3	48	1157
20	NAGALAND	15	0	0	15
21	ODISHA	37902	11736	340	49978
22	PUDUCHERRY	575	0	25	600
23	PUNJAB	138018	110475	186	248679

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17A DISTRIBUTION OF SHALLOW TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No	State	No. of Shallow by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
24	RAJASTHAN	32224	3987	0	36211
25	TAMIL NADU	99109	43458	2681	145248
26	TELANGANA	98902	9846	105	108853
27	TRIPURA	523	0	0	523
28	UTTARAKHAND	46287	832	22	47141
29	UTTAR PRADESH	3282938	49364	2	3332304
30	WEST BENGAL	375168	5287	7039	387494
	Total	5554010	354467	32224	5940701

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL SHALLOW TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	29.85	16.3	20.43	0	0	36.73
2	ANDHRA PRADESH	284725.02	167218.43	171522.79	48659.35	2446.29	389846.86
3	ARUNACHAL PRADESH	225	53	25	0	0	78
4	ASSAM	258059.81	152724.42	115898.15	2302.69	4234.32	275159.58
5	BIHAR	2131931.48	917205.95	816287.9	307172.23	351747.68	2392413.76
6	CHANDIGARH	28.65	28.65	28.65	0	0	57.3
7	CHHATISGARH	88363.13	67477	47815.3	49.01	1687.75	117029.06
8	DELHI	6840.53	5747.31	5716.79	0	0	11464.1
9	GOA	104.99	14.06	16.45	28.45	5.8	64.76
10	GUJARAT	730451.44	405691.06	506873.71	58132.58	87863.95	1058561.3
11	HARYANA	434128.46	415736.15	415608.15	207	138	831689.3
12	HIMACHAL PRADESH	8660.51	5446.44	6026.78	25.5	130.91	11629.63
13	JAMMU & KASHMIR	6171.19	5885.05	5711.16	68.31	54.6	11719.12
14	JHARKHAND	14275.72	4761.78	2398.29	882.63	848.61	8891.31
15	KARNATAKA	718719.06	407435.67	157653.97	108681.59	57156.72	730927.95
16	KERALA	4475.86	297.48	323.46	1210.85	178.58	2010.37
17	MADHYA PRADESH	460160.15	55708.41	342086.53	6496.96	1128.74	405420.64
18	MAHARASHTRA	194693.53	108418.97	70863.52	27890.5	17729.76	224902.75
19	MEGHALAYA	17295.23	9667.5	2333.25	0	887.4	12888.15
20	NAGALAND	82	47	16	0	0	63
21	ODISHA	97635.76	66503.07	57768.89	2807.68	149.03	127228.67
22	PUDUCHERRY	535.29	387.78	382.33	72.11	39.54	881.76
23	PUNJAB	796064.49	724779.05	722506.53	15652.01	1254.5	1464192.09
24	RAJASTHAN	212646.78	14055.01	206434.68	59.33	990.11	221539.13

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL SHALLOW TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	TAMIL NADU	283969.59	162941.75	154765.7	25492.52	14773.35	357973.32
26	TELANGANA	120165.13	96106.25	69780.34	3611.38	504.48	170002.45
27	TRIPURA	1184.08	1001.75	1035.34	1.5	509.9	2548.49
28	UTTARAKHAND	149257.24	111301.29	118595.08	11408.37	10964.58	252269.32
29	UTTAR PRADESH	16580073.79	6096420.11	6413286.88	2829703.91	2593347.97	17932758.87
30	WEST BENGAL	1115188.14	784497.24	604716.16	15877.17	119572.96	1524663.53
	Total	24716141.9	10787573.93	11016498.21	3466493.63	3268345.53	28538911.3

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	29.85	16.3	20.43	0	0	36.73
2	ANDHRA PRADESH	271972.16	159765.81	164988.43	46980.41	1898.7	373633.35
3	ARUNACHAL PRADESH	225	53	25	0	0	78
4	ASSAM	235511.18	139370.66	108606.47	2146	4000.56	254123.69
5	BIHAR	2076089.17	906839.61	806984.87	303606.94	348079.73	2365511.15
6	CHANDIGARH	28.65	28.65	28.65	0	0	57.3
7	CHHATISGARH	88339.25	67464	47797.47	48.21	1687.75	116997.43
8	DELHI	6840.53	5747.31	5716.79	0	0	11464.1
9	GOA	101.46	14.06	16.45	28.45	2.7	61.66
10	GUJARAT	726952.32	404020.11	504595.62	57820.29	87643.75	1054079.77
11	HARYANA	434084.46	415694.15	415564.15	207	138	831603.3
12	HIMACHAL PRADESH	8644.28	5446.21	6026.55	25.5	130.91	11629.17
13	JAMMU & KASHMIR	6162.79	5877.77	5703.88	68.31	54.6	11704.56
14	JHARKHAND	9418.19	4692	2360.61	882.59	843.58	8778.78
15	KARNATAKA	706880.39	400578.85	155994.9	107707.22	56740.76	721021.73
16	KERALA	4471.05	296.98	323.36	1206.54	178.48	2005.36
17	MADHYA PRADESH	459555.38	55615.14	341836.27	6496.96	1128.74	405077.11
18	MAHARASHTRA	194126.14	108161.52	70624.72	27835.68	17704.76	224326.68
19	MEGHALAYA	16968.23	9448.5	2241.25	0	868.4	12558.15
20	NAGALAND	75	40	16	0	0	56
21	ODISHA	86557.49	58820.09	51304.83	2651.36	146.92	112923.2
22	PUDUCHERRY	492.26	378.66	373.21	71.76	38.6	862.23
23	PUNJAB	796042.13	724779	722506.48	15652.01	1254.5	1464191.99
24	RAJASTHAN	211065.4	13901.32	204986.17	58.67	987.35	219933.51

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	TAMIL NADU	270755.88	155550.89	148165.68	24481.95	14211.08	342409.6
26	TELANGANA	112770.35	89812.73	66856.62	3579.4	497.61	160746.36
27	TRIPURA	1134.28	970.75	1003.24	1.5	507.3	2482.79
28	UTTARAKHAND	149155.78	111243.29	118529.26	11384.4	10948.88	252105.83
29	UTTAR PRADESH	16506362.98	6062431.26	6381230.78	2813238.76	2578786.62	17835687.42
30	WEST BENGAL	1080432.94	770958.57	595385.19	15558.34	117919.02	1499821.12
	Total	24461244.97	10678017.19	10929813.33	3441738.25	3246399.3	28295968.07

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	8282.14	5950.94	5565.45	1241.57	545.96	13303.92
2	ASSAM	18413.84	11961.86	6595.07	152.84	214.71	18924.48
3	BIHAR	55109.05	10015.3	9020.96	3522.29	3572.95	26131.5
4	CHHATISGARH	23.28	13	17.83	0.8	0	31.63
5	GUJARAT	2162.64	1130.81	1342.3	171.85	94.63	2739.59
6	HARYANA	44	42	44	0	0	86
7	HIMACHAL PRADESH	0.23	0.23	0.23	0	0	0.46
8	JAMMU & KASHMIR	3.89	3.89	3.89	0	0	7.78
9	JHARKHAND	4855.03	69.28	37.68	0.04	5.03	112.03
10	KARNATAKA	6833.09	4153.76	1499.6	832.79	326.66	6812.81
11	KERALA	4.31	0	0	4.31	0	4.31
12	MADHYA PRADESH	213.29	80.49	137.42	0	0	217.91
13	MAHARASHTRA	511.42	218.15	228.41	52.5	23.96	523.02
14	MEGHALAYA	219	134	22	0	4	160
15	NAGALAND	7	7	0	0	0	7
16	ODISHA	7957.92	5594.98	4489.78	70.81	2.11	10157.68
17	PUDUCHERRY	8.37	3.32	3.32	0.35	0.94	7.93
18	PUNJAB	0.05	0.05	0.05	0	0	0.1
19	RAJASTHAN	662.64	59.69	612.5	0.66	1.5	674.35
20	TAMIL NADU	10953.79	6323.93	5911.5	708.5	389.06	13332.99
21	TELANGANA	4976.4	4270.14	1826.08	30.88	6.87	6133.97
22	TRIPURA	39.9	27.1	26.7	0	2.6	56.4
23	UTTARAKHAND	10.1	9.4	9	0.1	0.1	18.6

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
24	UTTAR PRADESH	71165.55	33231.84	31329.79	16339.64	14432.29	95333.56
25	WEST BENGAL	15752.1	6478.27	3464.11	146.44	761.96	10850.78
	Total	208209.03	89779.43	72187.67	23276.37	20385.33	205628.8

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	4470.72	1501.68	968.91	437.37	1.63	2909.59
2	ASSAM	4134.79	1391.9	696.61	3.85	19.05	2111.41
3	BIHAR	733.26	351.04	282.07	43	95	771.11
4	CHHATISGARH	0.6	0	0	0	0	0
5	GOA	3.53	0	0	0	3.1	3.1
6	GUJARAT	1336.48	540.14	935.79	140.44	125.57	1741.94
7	HIMACHAL PRADESH	16	0	0	0	0	0
8	JAMMU & KASHMIR	4.51	3.39	3.39	0	0	6.78
9	JHARKHAND	2.5	0.5	0	0	0	0.5
10	KARNATAKA	5005.58	2703.06	159.47	141.58	89.3	3093.41
11	KERALA	0.5	0.5	0.1	0	0.1	0.7
12	MADHYA PRADESH	391.48	12.78	112.84	0	0	125.62
13	MAHARASHTRA	55.97	39.3	10.39	2.32	1.04	53.05
14	MEGHALAYA	108	85	70	0	15	170
15	ODISHA	3120.35	2088	1974.28	85.51	0	4147.79
16	PUDUCHERRY	34.66	5.8	5.8	0	0	11.6
17	PUNJAB	22.31	0	0	0	0	0
18	RAJASTHAN	918.74	94	836.01	0	1.26	931.27

MINOR IRRIGATION CENSUS (2013-14)

Table.2.17E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE)THROUGH SHALLOW TUBEWELLS

(In ha.)

Sl. No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19	TAMIL NADU	2259.92	1066.93	688.52	302.07	173.21	2230.73
20	TELANGANA	2418.38	2023.38	1097.64	1.1	0	3122.12
21	TRIPURA	9.9	3.9	5.4	0	0	9.3
22	UTTARAKHAND	91.36	48.6	56.82	23.87	15.6	144.89
23	UTTAR PRADESH	2545.26	757.01	726.31	125.51	129.06	1737.89
24	WEST BENGAL	19003.1	7060.4	5866.86	172.39	891.98	13991.63
	Total	46687.9	19777.31	14497.21	1479.01	1560.9	37314.43

MINOR IRRIGATION CENSUS (2013-14)

Table.2.18 SEASON WISE POTENTIAL UTILISED THROUGH ALL SHALLOW TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	9.7	15.63	0	0	25.33	9.7	15.63	0	0	25.33
2	ANDHRA PRADESH	40045.78	51513.48	6041.46	895.17	98495.89	82663.05	73678.98	34448.82	720.37	191511.22	122708.83	125192.46	40490.28	1615.54	290007.11
3	ARUNACHAL PRADESH	0	0	0	0	0	32	14	0	0	46	32	14	0	0	46
4	ASSAM	19.45	4.6	0.1	0	24.15	111523.05	87479.88	1782.95	2803.25	203589.13	111542.5	87484.48	1783.05	2803.25	203613.28
5	BIHAR	3670.51	2786.08	901.17	1114.21	8471.97	765394.51	665655.63	214702.06	198079.96	1843832.16	769065.02	668441.71	215603.23	199194.17	1852304.13
6	CHANDIGARH	0	0	0	0	0	27.33	27.33	0	0	54.66	27.33	27.33	0	0	54.66
7	CHHATISGARH	1222.59	72.71	1	663	1959.3	63388.15	46827.66	47.99	1021.89	111285.69	64610.74	46900.37	48.99	1684.89	113244.99
8	DELHI	0	0	0	0	0	4064.39	3979.57	0	0	8043.96	4064.39	3979.57	0	0	8043.96
9	GOA	0	0	0	0	0	13.51	16.45	28.45	2.7	61.11	13.51	16.45	28.45	2.7	61.11
10	GUJARAT	7831.18	9421.53	7807.97	168.15	25228.83	310456.85	334967.48	41584.48	74032.68	761041.49	318288.03	344389.01	49392.45	74200.83	786270.32
11	HARYANA	46853.25	47047.25	6	13	93919.5	368524.55	368224.55	201	124	737074.1	415377.8	415271.8	207	137	830993.6
12	HIMACHAL PRADESH	317.98	317.37	0.1	0	635.45	4413.85	5019.37	18.23	119.83	9571.28	4731.83	5336.74	18.33	119.83	10206.73
13	JAMMU & KASHMIR	49.84	49.84	0	0	99.68	5788.33	5622.17	58.76	47.75	11517.01	5838.17	5672.01	58.76	47.75	11616.69
14	JHARKHAND	159.2	116.15	76.1	113.5	464.95	4292.95	2010.26	694.72	675.3	7673.23	4452.15	2126.41	770.82	788.8	8138.18
15	KARNATAKA	3161.53	1684.64	566.14	268.08	5680.39	390052.5	144844.38	98999.98	52159.35	686056.21	393214.03	146529.02	99566.12	52427.43	691736.6
16	KERALA	31.28	43.36	103.36	5.92	183.92	243.81	262.64	1062.98	158.99	1728.42	275.09	306	1166.34	164.91	1912.34
17	MADHYA PRADESH	4766.52	7769.41	40.1	7.79	12583.82	34618.8	312078.55	4944.99	790.96	352433.3	39385.32	319847.96	4985.09	798.75	365017.12
18	MAHARASHTRA	9972.27	8580.64	4087.8	955	23595.71	90039.42	57741.21	22368.33	8660.44	178809.4	100011.69	66321.85	26456.13	9615.44	202405.11
19	MEGHALAYA	16	2	0	3	21	8830.4	1916.9	0	517.35	11264.65	8846.4	1918.9	0	520.35	11285.65
20	NAGALAND	0	0	0	0	0	33	8.1	0	0	41.1	33	8.1	0	0	41.1
21	ODISHA	6316.7	6707.52	396.07	5.03	13425.32	25905.07	25504	1552.53	68.12	53029.72	32221.77	32211.52	1948.6	73.15	66455.04
22	PUDUCHERRY	0	0	0	0	0	379.53	374.08	72.11	39.54	865.26	379.53	374.08	72.11	39.54	865.26
23	PUNJAB	272590.94	239271.49	114.1	4	511980.53	301306.37	306808.12	15460.37	1247.9	624822.76	573897.31	546079.61	15574.47	1251.9	1136803.29
24	RAJASTHAN	1127.43	12560.53	1.42	52.2	13741.58	8529.01	185935.59	26.91	702.68	195194.19	9656.44	198496.12	28.33	754.88	208935.77
25	TAMIL NADU	23236.04	21532.9	5451.87	3128.22	53349.03	108762.93	93939.09	14517.82	3910.36	221130.2	131998.97	115471.99	19969.69	7038.58	274479.23
26	TELANGANA	9350.16	8011.7	150.41	1.64	17513.91	68795.75	49292.13	3308.71	437.42	121834.01	78145.91	57303.83	3459.12	439.06	139347.92
27	TRIPURA	0	0	0	0	0	851.89	911.41	0.8	455.12	2219.22	851.89	911.41	0.8	455.12	2219.22
28	UTTARAKHAND	1247.95	1163.53	101	34	2546.48	104977.99	112469.35	10680.53	9254.13	237382	106225.94	113632.88	10781.53	9288.13	239928.48
29	UTTAR PRADESH	62426.61	69123.42	13506.42	16454.54	161510.99	4681359.36	4870083.75	2037675.49	1809804.1	13398922.7	4743785.97	4939207.17	2051181.91	1826258.64	13560433.69
30	WEST BENGAL	2770.29	3712.01	449.66	2664.05	9596.01	639589.07	463592.24	11617.86	84105.22	1198904.39	642359.36	467304.25	12067.52	86769.27	1208500.4
	Total	497183.5	491492.16	39802.25	26550.5	1055028.41	8184867.12	8219300.5	2515856.87	2249939.41	21169963.9	8682050.62	8710792.66	2555659.12	2276489.91	22224992.31

MINOR IRRIGATION CENSUS (2013-14)

Table.2.18A SEASON WISE POTENTIAL UTILISED (IN USE)THROUGH SHALLOW TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	9.7	15.63	0	0	25.33	9.7	15.63	0	0	25.33
2	ANDHRA PRADESH	39947.63	51380.7	5996.27	895.17	98219.77	82232.01	73361.92	34317.16	720.37	190631.46	122179.64	124742.62	40313.43	1615.54	288851.23
3	ARUNACHAL PRADESH	0	0	0	0	0	32	14	0	0	46	32	14	0	0	46
4	ASSAM	16.45	4.1	0.1	0	20.65	110655.11	86960	1781.75	2798.6	202195.46	110671.56	86964.1	1781.85	2798.6	202216.11
5	BIHAR	3573.41	2713.58	883.17	1062.21	8232.37	756959.86	658173.94	212219.59	195950.1	1823303.49	760533.27	660887.52	213102.76	197012.31	1831535.86
6	CHANDIGARH	0	0	0	0	0	27.33	27.33	0	0	54.66	27.33	27.33	0	0	54.66
7	CHHATISGARH	1222.59	72.71	1	663	1959.3	63376.77	46809.84	47.19	1021.89	111255.69	64599.36	46882.55	48.19	1684.89	113214.99
8	DELHI	0	0	0	0	0	4064.39	3979.57	0	0	8043.96	4064.39	3979.57	0	0	8043.96
9	GOA	0	0	0	0	0	13.51	16.45	28.45	2.7	61.11	13.51	16.45	28.45	2.7	61.11
10	GUJARAT	7831.18	9421.53	7807.97	168.15	25228.83	310039.18	334694.69	41512.14	73987.92	760233.93	317870.36	344116.22	49320.11	74156.07	785462.76
11	HARYANA	46839.25	47032.25	6	13	93890.5	368496.55	368196.55	201	124	737018.1	415335.8	415228.8	207	137	830908.6
12	HIMACHAL PRADESH	317.98	317.37	0.1	0	635.45	4413.62	5019.14	18.23	119.83	9570.82	4731.6	5336.51	18.33	119.83	10206.27
13	JAMMU & KASHMIR	49.84	49.84	0	0	99.68	5784.84	5618.68	58.76	47.75	11510.03	5834.68	5668.52	58.76	47.75	11609.71
14	JHARKHAND	159.2	116.15	76.1	113.5	464.95	4236.85	1985.07	694.68	672.27	7588.87	4396.05	2101.22	770.78	785.77	8053.82
15	KARNATAKA	3159.71	1684.64	566.14	267.26	5677.75	386167.05	143445.24	98217.6	51878.23	679708.12	389326.76	145129.88	98783.74	52145.49	685385.87
16	KERALA	31.28	43.36	103.36	5.92	183.92	243.81	262.64	1058.67	158.99	1724.11	275.09	306	1162.03	164.91	1908.03
17	MADHYA PRADESH	4764.52	7765.21	40.1	7.79	12577.62	34571.12	311954.39	4944.99	790.96	352261.46	39335.64	319719.6	4985.09	798.75	364839.08
18	MAHARASHTRA	9970.76	8577.48	4087.3	955	23590.54	89840.3	57531.35	22317.49	8647.61	178336.75	99811.06	66108.83	26404.79	9602.61	201927.29
19	MEGHALAYA	6	0	0	0	6	8712.4	1904.9	0	517.35	11134.65	8718.4	1904.9	0	517.35	11140.65
20	NAGALAND	0	0	0	0	0	33	8.1	0	0	41.1	33	8.1	0	0	41.1
21	ODISHA	6256	6672.71	395.77	5.03	13329.51	25700.78	25348.17	1549.52	67.92	52666.39	31956.78	32020.88	1945.29	72.95	65995.9
22	PUDUCHERRY	0	0	0	0	0	378.66	373.21	71.76	38.6	862.23	378.66	373.21	71.76	38.6	862.23
23	PUNJAB	272590.94	239271.49	114.1	4	511980.53	301306.37	306808.12	15460.37	1247.9	624822.76	573897.31	546079.61	15574.47	1251.9	1136803.29
24	RAJASTHAN	1127.43	12560.53	1.42	52.2	13741.58	8529.01	185925.54	26.91	702.68	195184.14	9656.44	198486.07	28.33	754.88	208925.72
25	TAMIL NADU	23127.32	21446.79	5416.49	3103.44	53094.04	106338.64	91652.66	14242.26	3834.25	216067.81	129465.96	113099.45	19658.75	6937.69	269161.85
26	TELANGANA	9340.13	7964.36	147.99	1.64	17454.12	68270.71	49037.44	3291.04	433.38	121032.57	77610.84	57001.8	3439.03	435.02	138486.69
27	TRIPURA	0	0	0	0	0	844.99	902.91	0.8	455.02	2203.72	844.99	902.91	0.8	455.02	2203.72
28	UTTARAKHAND	1247.95	1163.53	101	34	2546.48	104969.29	112461.35	10680.43	9254.03	237365.1	106217.24	113624.88	10781.43	9288.03	239911.58
29	UTTAR PRADESH	62360.31	69054.94	13481.37	16423.64	161320.26	4654762.19	4845258.69	2025751.23	1799416.72	13325188.83	4717122.5	4914313.63	2039232.6	1815840.36	13486509.09
30	WEST BENGAL	2730.36	3675.01	433.66	2647.05	9486.08	635307.42	461579.58	11539.3	83637.09	1192063.39	638037.78	465254.59	11972.96	86284.14	1201549.47
	Total	496670.24	490988.28	39659.41	26422	1053739.93	8136317.46	8179327.1	2500031.32	2236526.16	21052202.04	8632987.7	8670315.38	2539690.73	2262948	22105941.97

MINOR IRRIGATION CENSUS (2013-14)

Table.2.18B SEASON WISE POTENTIAL UTILISED (TEMPORARY NOT IN USE)THROUGH SHALLOW TUBEWELLS

(Area in ha.)

Sl. No	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	98.15	132.78	45.19	0	276	431.04	317.06	131.66	0	879.76	529.19	449.84	176.85	0	1155.88
2	ASSAM	3	0.5	0	0	3	867.94	519.88	1.2	4.65	1393.67	870.94	520.38	1.2	4.65	1397.17
3	BIHAR	97.1	72.5	18	52	239	8434.65	7481.69	2482.47	2129.86	20528.67	8531.75	7554.19	2500.47	2181.86	20768.27
4	CHHATISGARH	0	0	0	0	0	11.38	17.82	0.8	0	30.00	11.38	17.82	0.8	0	30
5	GUJARAT	0	0	0	0	0	417.67	272.79	72.34	44.76	807.56	417.67	272.79	72.34	44.76	807.56
6	HARYANA	14	15	0	0	29	28	28	0	0	56.00	42	43	0	0	85
7	HIMACHAL PRADESH	0	0	0	0	0	0.23	0.23	0	0	0.46	0.23	0.23	0	0	0.46
8	JAMMU & KASHMIR	0	0	0	0	0	3.49	3.49	0	0	6.98	3.49	3.49	0	0	6.98
9	JHARKHAND	0	0	0	0	0	56.1	25.19	0.04	3.03	84.36	56.1	25.19	0.04	3.03	84.36
10	KARNATAKA	1.82	0	0	0.82	2	3885.45	1399.14	782.38	281.12	6348.09	3887.27	1399.14	782.38	281.94	6350.73
11	KERALA	0	0	0	0	0	0	0	4.31	0	4.31	0	0	4.31	0	4.31
12	MADHYA PRADESH	2	4.2	0	0	6	47.68	124.16	0	0	171.84	49.68	128.36	0	0	178.04
13	MAHARASHTRA	1.51	3.16	0.5	0	5	199.12	209.86	50.84	12.83	472.65	200.63	213.02	51.34	12.83	477.82
14	MEGHALAYA	10	2	0	3	15	118	12	0	0	130.00	128	14	0	3	145
15	NAGALAND	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0
16	ODISHA	60.7	34.81	0.3	0	95	204.29	155.83	3.01	0.2	363.33	264.99	190.64	3.31	0.2	459.14
17	PUDUCHERRY	0	0	0	0	0	0.87	0.87	0.35	0.94	3.03	0.87	0.87	0.35	0.94	3.03
18	PUNJAB	0	0	0	0	0	0	0	0	0	0.00	0	0	0	0	0
19	RAJASTHAN	0	0	0	0	0	0	10.05	0	0	10.05	0	10.05	0	0	10.05
20	TAMIL NADU	108.72	86.11	35.38	24.78	254	2424.29	2286.43	275.56	76.11	5062.39	2533.01	2372.54	310.94	100.89	5317.38
21	TELANGANA	10.03	47.34	2.42	0	59	525.04	254.69	17.67	4.04	801.44	535.07	302.03	20.09	4.04	861.23
22	TRIPURA	0	0	0	0	0	6.9	8.5	0	0.1	15.50	6.9	8.5	0	0.1	15.5
23	UTTARAKHAND	0	0	0	0	0	8.7	8	0.1	0.1	16.90	8.7	8	0.1	0.1	16.9
24	UTTAR PRADESH	66.3	68.48	25.05	30.9	190	26597.17	24825.06	11924.26	10387.38	73733.87	26663.47	24893.54	11949.31	10418.28	73924.6
25	WEST BENGAL	39.93	37	16	17	109	4281.65	2012.66	78.56	468.13	6841.00	4321.58	2049.66	94.56	485.13	6950.93
	Total	513.26	503	142	128.5	1282	48549	39973.4	15825.55	13413.25	117761.86	49062.92	40477.28	15968.39	13541	119050.34

MINOR IRRIGATION CENSUS (2013-14)

Table.2.19 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No	State	No. of Shallow tubewells in use	No.of Shallow tubewells without constraints	No. of Shallow Tubewells Having Constraints in utillsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Maintenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	23	23	0	0	0	0	0	0	0
2	ANDHRA PRADESH	177172	152892	2803	1225	8314	325	425	11188	24280
3	ARUNACHAL PRADESH	14	12	0	0	1	0	0	1	2
4	ASSAM	117001	115026	7	290	4	7	45	1622	1975
5	BIHAR	358409	339790	7241	5434	545	347	140	4912	18619
6	CHANDIGARH	17	16	0	0	0	0	0	1	1
7	CHHATISGARH	45661	26985	15900	381	9	10	5	2371	18676
8	DELHI	2940	2939	0	1	0	0	0	0	1
9	GOA	76	76	0	0	0	0	0	0	0
10	GUJARAT	148305	148063	53	2	42	1	141	3	242
11	HARYANA	90410	90253	64	89	0	0	2	2	157
12	HIMACHAL PRADESH	4417	4153	6	5	9	1	3	240	264
13	JAMMU & KASHMIR	7840	7812	24	0	1	1	0	2	28
14	JHARKHAND	2307	1756	13	44	379	13	56	46	551
15	KARNATAKA	377730	276241	66470	7598	25376	388	350	1307	101489
16	KERALA	4500	4470	0	4	21	0	2	3	30
17	MADHYA PRADESH	107310	103942	1748	303	453	24	507	333	3368
18	MAHARASHTRA	102991	28341	30440	950	11460	162	4182	27456	74650
19	MEGHALAYA	1151	1071	15	20	11	6	9	19	80

MINOR IRRIGATION CENSUS (2013-14)

Table.2.19 DISTRIBUTION OF SHALLOW TUBEWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No	State	No. of Shallow tubewells in use	No.of Shallow tubewells without constraints	No. of Shallow Tubewells Having Constraints in utillsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Maintenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
20	NAGALAND	14	14	0	0	0	0	0	0	0
21	ODISHA	44986	17875	3413	2383	3435	1319	754	15807	27111
22	PUDUCHERRY	553	428	0	0	18	1	98	8	125
23	PUNJAB	248654	247415	812	211	132	0	0	84	1239
24	RAJASTHAN	35782	30252	288	196	3406	54	12	1574	5530
25	TAMIL NADU	138020	128933	3408	1171	2757	348	182	1221	9087
26	TELANGANA	101051	74921	8513	646	14213	831	227	1700	26130
27	TRIPURA	494	493	0	1	0	0	0	0	1
28	UTTARAKHAND	47105	21310	18	12	2	3088	22661	14	25795
29	UTTAR PRADESH	3296032	3142930	19416	8515	7095	7495	75270	35311	153102
30	WEST BENGAL	377666	297889	5335	6466	1569	37553	3587	25267	79777
	Total	5838631	5266321	165987	35947	79252	51974	108658	130492	572310

MEDIUM TUBEWELLS TABLES

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.1 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Others	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDHRA PRADESH	71	25	21	486	603	2938	209409	212347	212950
2	ARUNACHAL PRADESH	1	0	0	0	1	0	0	0	1
3	ASSAM	22	0	0	0	22	0	3	3	25
4	BIHAR	583	217	215	518	1533	2045	242303	244348	245881
5	CHANDIGARH	1	0	0	0	1	0	4	4	5
6	CHHATISGARH	388	21	50	31	490	119	117425	117544	118034
7	DELHI	0	0	0	0	0	0	22	22	22
8	GOA	0	0	0	0	0	1	0	1	1
9	GUJARAT	950	67	682	202	1901	14812	154410	169222	171123
10	HARYANA	32	821	413	313	1579	46236	4147	50383	51962
11	HIMACHAL PRADESH	156	6	3	4	169	114	1841	1955	2124
12	JAMMU & KASHMIR	5	0	0	0	5	12	100	112	117
13	JHARKHAND	695	170	101	17	983	50	594	644	1627
14	KARNATAKA	253	97	178	914	1442	218	491190	491408	492850
15	KERALA	8	0	9	21	38	23	1878	1901	1939
16	MADHYA PRADESH	441	70	200	506	1217	6656	261174	267830	269047
17	MAHARASHTRA	278	94	145	119	636	10764	119979	130743	131379
18	NAGALAND	0	0	0	0	0	13	0	13	13
19	ODISHA	558	18	11	13	600	73	24003	24076	24676
20	PUDUCHERRY	0	0	4	17	21	20	1774	1794	1815
21	PUNJAB	135	110	711	277	1233	2277	381199	383476	384709
22	RAJASTHAN	191	10	19	376	596	90523	50416	140939	141535
23	TAMIL NADU	251	316	232	561	1360	6040	66222	72262	73622
24	TELANGANA	481	161	236	255	1133	5001	565182	570183	571316
25	TRIPURA	392	2	37	6	437	135	1421	1556	1993
26	UTTARAKHAND	184	48	206	26	464	446	4582	5028	5492
27	UTTAR PRADESH	1795	69	43	34	1941	211	247949	248160	250101
28	WEST BENGAL	1496	747	486	445	3174	1718	17541	19259	22433
	Total	9367	3069	4002	5141	21579	190445	2964768	3155213	3176792

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.2 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Medium Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDHRA PRADESH	12735	4419	73886	118369	209409	3541	212950
2	ARUNACHAL PRADESH	0	0	0	0	0	1	1
3	ASSAM	0	1	0	2	3	22	25
4	BIHAR	12829	7889	123442	98143	242303	3578	245881
5	CHANDIGARH	0	0	0	4	4	1	5
6	CHHATISGARH	10971	18809	77836	9809	117425	609	118034
7	DELHI	0	0	10	12	22	0	22
8	GOA	0	0	0	0	0	1	1
9	GUJARAT	11043	4571	55452	83344	154410	16713	171123
10	HARYANA	32	14	188	3913	4147	47815	51962
11	HIMACHAL PRADESH	117	176	836	712	1841	283	2124
12	JAMMU & KASHMIR	15	0	5	80	100	17	117
13	JHARKHAND	58	87	379	70	594	1033	1627
14	KARNATAKA	43180	25591	177067	245352	491190	1660	492850
15	KERALA	25	10	886	957	1878	61	1939
16	MADHYA PRADESH	19472	14174	151114	76414	261174	7873	269047
17	MAHARASHTRA	6320	7693	33430	72536	119979	11400	131379
18	NAGALAND	0	0	0	0	0	13	13
19	ODISHA	2507	1654	13413	6429	24003	673	24676
20	PUDUCHERRY	61	1	1460	252	1774	41	1815
21	PUNJAB	10759	561	12133	357746	381199	3510	384709
22	RAJASTHAN	4731	8240	26912	10533	50416	91119	141535

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.2 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Medium Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
23	TAMIL NADU	4053	365	53386	8418	66222	7400	73622
24	TELANGANA	56329	63122	312993	132738	565182	6134	571316
25	TRIPURA	248	159	306	708	1421	572	1993
26	UTTARAKHAND	351	394	1973	1864	4582	910	5492
27	UTTAR PRADESH	20764	4719	150533	71933	247949	2152	250101
28	WEST BENGAL	1954	641	1976	12970	17541	4892	22433
Total:		218554	163290	1269616	1313308	2964768	212024	3176792

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.3 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Medium Tubewell by size class of owned					
		Marginal (0-1 ha)	Small (1-2 ha)	Semi Medium (2-4 ha)	Medium (4-10ha)	Big (>=10ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	81476	75205	40828	10848	1052	209409
2	ASSAM	0	1	1	1	0	3
3	BIHAR	31039	108537	76173	18752	7802	242303
4	CHANDIGARH	0	2	1	0	1	4
5	CHHATISGARH	26989	40524	30415	16060	3437	117425
6	DELHI	5	9	4	4	0	22
7	GUJARAT	58276	44747	33276	14482	3629	154410
8	HARYANA	14	989	1331	1597	216	4147
9	HIMACHAL PRADESH	508	555	510	217	51	1841
10	JAMMU & KASHMIR	51	34	11	4	0	100
11	JHARKHAND	128	146	282	27	11	594
12	KARNATAKA	194433	161469	95261	32943	7084	491190
13	KERALA	1248	443	153	27	7	1878
14	MADHYA PRADESH	32774	72705	86016	61631	8048	261174
15	MAHARASHTRA	37086	45749	27469	8497	1178	119979
16	ODISHA	5237	8558	7949	1889	370	24003
17	PUDUCHERRY	927	495	276	70	6	1774
18	PUNJAB	14314	56915	152918	127274	29778	381199
19	RAJASTHAN	4920	12568	18746	12267	1915	50416
20	TAMIL NADU	25880	21967	11911	3272	3192	66222
21	TELANGANA	270034	200687	77807	15232	1422	565182
22	TRIPURA	441	769	198	12	1	1421
23	UTTARAKHAND	101	1432	2452	576	21	4582
24	UTTAR PRADESH	55351	84470	80945	21692	5491	247949
25	WEST BENGAL	8809	4821	2205	705	1001	17541
	Total	850041	943797	747138	348079	75713	2964768

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.4 DISTRIBUTION OF MEDIUM TUBEWELLS AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No.	State	Number and Cost of Construction Over The Years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDHRA PRADESH	109169	3706437	26888	868813	23456	756717	18076	632101	12883	430942	9372	330266	7599	288800	5507	208588	212950	7222664
2	ARUNACHAL PRADESH	1	2000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2000
3	ASSAM	17	20896	1	10	4	1323	1	653	1	16	0	0	1	2974	0	0	25	25872
4	BIHAR	62967	1453515	28556	1165313	37451	881443	30722	1024622	35619	2520668	22804	624205	15760	651680	12002	307818	245881	8629264
5	CHANDIGARH	5	520	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	520
6	CHHATISGARH	36662	1546293	13159	675660	14762	1095605	14943	934237	14072	968980	11989	734448	8051	427632	4396	260830	118034	6643685
7	DELHI	9	273	7	287	2	90	0	0	1	38	0	0	1	32	2	120	22	840
8	GOA	0	0	1	50	0	0	0	0	0	0	0	0	0	0	0	0	1	50
9	GUJARAT	137958	25441349	7286	1093349	4492	538509	14613	3816370	2896	437268	1871	245498	1324	181560	683	68629	171123	31822532
10	HARYANA	38125	14684821	2781	912651	2614	985030	4108	943276	1444	448957	1129	620346	764	233061	997	255256	51962	19083398
11	HIMACHAL PRADESH	964	397294	307	119594	205	70484	198	62549	125	36434	121	31716	158	34360	46	8149	2124	760580
12	JAMMU & KASHMIR	23	3195	11	610	15	1247	49	6591	3	190	6	685	5	1835	5	1100	117	15453
13	JHARKHAND	666	50734	244	25010	147	8644	134	7675	110	16908	109	6804	100	117197	117	9109	1627	242081
14	KARNATAKA	158882	23726546	78902	10246438	67776	9691440	55944	8629114	54287	15799720	29766	4834895	23532	28474157	23761	2841683	492850	104243993
15	KERALA	1024	56212	221	10593	140	6896	157	8403	155	7937	66	3636	118	5417	58	3070	1939	102164
16	MADHYA PRADESH	107477	7985240	43109	2957223	37261	2800400	31846	2696456	19716	1600248	15584	1264178	9151	681710	4903	398655	269047	20384110
17	MAHARASHTRA	52721	777173	11205	292774	6334	1582801	4195	1767136	3685	137602	2790	816122	2370	154992	48079	25961	131379	5554561
18	NAGALAND	0	0	0	0	0	0	12	487	0	0	1	40	0	0	0	0	13	527
19	ODISHA	10820	1446728	2227	131171	1745	59203	2258	88014	2322	98746	2287	928740	1959	105468	1058	73778	24676	2931848
20	PUDUCHERRY	1550	116634	46	3544	27	2215	113	11589	38	3786	12	1955	12	1342	17	1435	1815	142500
21	PUNJAB	285977	78612113	43108	10643780	21435	2947719	14274	2071433	7047	830926	7178	753009	3056	238295	2634	2354386	384709	98451661
22	RAJASTHAN	69429	6184388	20897	1911107	20143	1900698	15047	1475581	7992	815222	4181	417382	2573	288509	1273	130456	141535	13123343
23	TAMIL NADU	60138	8120915	4971	740872	2079	194318	1834	170774	1550	141034	1210	201254	840	95817	1000	94593	73622	9759577
24	TELANGANA	286981	8053480	77617	2442080	56983	1703852	50179	1476341	36873	1087722	28923	826061	16200	496765	17560	599839	571316	16686140
25	TRIPURA	343	56812	132	10920	219	21555	173	13890	346	42878	360	41444	214	29146	206	34289	1993	250934
26	UTTARAKHAND	4420	115917	393	11145	209	10935	214	27457	118	19240	68	6933	40	3959	30	3889	5492	199475
27	UTTAR PRADESH	102215	31256021	31643	5700468	26511	5402170	29432	4853625	22175	3941302	17581	3909434	11872	2206443	8672	1563795	250101	58833258
28	WEST BENGAL	12543	6447719	2359	374885	1446	130783	1256	191468	1156	100427	1256	89380	1248	92259	1169	308036	22433	7734957
	Total	1541086	220263225	396071	40338347	325456	30794077	289778	30909842	224614	29487191	158664	16688431	106948	34813410	134175	9553464	3176792	412847987

MINOR IRRIGATION CESUS (2013-14)

Table.3.5 DISTRIBUTION OF MEDIUM TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Medium Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	41369	160547	10576	316	142	212950
2	ARUNACHAL PRADESH	1	0	0	0	0	1
3	ASSAM	21	4	0	0	0	25
4	BIHAR	140805	93359	11579	88	50	245881
5	CHANDIGARH	0	0	4	0	1	5
6	CHHATISGARH	73988	40984	2972	48	42	118034
7	DELHI	5	17	0	0	0	22
8	GOA	1	0	0	0	0	1
9	GUJARAT	35252	21049	38142	59206	17474	171123
10	HARYANA	1900	39472	9086	1143	361	51962
11	HIMACHAL PRADESH	1713	163	205	28	15	2124
12	JAMMU & KASHMIR	16	86	10	0	5	117
13	JHARKHAND	1569	46	12	0	0	1627
14	KARNATAKA	78672	265451	137081	7913	3733	492850
15	KERALA	920	923	95	1	0	1939
16	MADHYA PRADESH	82170	157956	28177	574	170	269047
17	MAHARASHTRA	115588	11164	4576	46	5	131379
18	NAGALAND	13	0	0	0	0	13
19	ODISHA	11912	11376	1371	9	8	24676
20	PUDUCHERRY	75	1302	434	4	0	1815
21	PUNJAB	178916	196752	8076	274	691	384709
22	RAJASTHAN	27200	85452	28486	388	9	141535
23	TAMIL NADU	8680	43736	19903	970	333	73622
24	TELANGANA	105761	441012	23089	1328	126	571316

MINOR IRRIGATION CESUS (2013-14)

Table.3.5 DISTRIBUTION OF MEDIUM TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No	State	No. of Medium Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	TRIPURA	361	1608	20	4	0	1993
26	UTTARAKHAND	811	4554	122	3	2	5492
27	UTTAR PRADESH	61876	154712	31204	1812	497	250101
28	WEST BENGAL	2808	11281	5707	2455	182	22433
	Total	972403	1743006	360927	76610	23846	3176792

MINOR IRRIGATION CENSUS (2013-14)

Table.3.6 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO MAJOR SOURCE (UNDER INDIVIDUAL OWNERSHIP) OF FINANCE

(In Nos.)

Sl. No.	State	With Single source of Finance						With two Sources of finance								Grand Total (8 + 16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (3 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	1220	245	112280	2777	1361	117883	9627	1834	49263	77	306	53	30366	91526	209409
2	ASSAM	0	0	1	0	0	1	0	0	0	0	0	0	2	2	3
3	BIHAR	1189	927	66726	247	1398	70487	3249	3893	2354	1235	136	54	160895	171816	242303
4	CHANDIGARH	0	0	0	0	3	3	0	0	0	0	0	0	1	1	4
5	CHHATISGARH	1783	2617	42389	114	509	47412	33852	1271	27	829	53	66	33915	70013	117425
6	DELHI	0	0	8	0	0	8	0	0	0	0	0	0	14	14	22
7	GUJARAT	13188	2618	72531	221	59736	148294	9	0	5	0	1	0	6101	6116	154410
8	HARYANA	17	27	1070	19	5	1138	160	0	116	4	0	0	2729	3009	4147
9	HIMACHAL PRADESH	69	38	730	0	46	883	731	3	1	9	1	0	213	958	1841
10	JAMMU & KASHMIR	5	0	81	0	13	99	0	0	0	0	0	0	1	1	100
11	JHARKHAND	0	410	67	0	1	478	1	0	0	7	0	0	108	116	594
12	KARNATAKA	60477	3560	223808	8568	13907	310320	100783	2403	21735	3854	5434	722	45939	180870	491190
13	KERALA	66	10	1246	3	49	1374	274	59	21	13	0	0	137	504	1878
14	MADHYA PRADESH	11730	1842	197240	1577	4148	216537	2619	605	1380	882	21	1	39129	44637	261174
15	MAHARASHTRA	17608	5112	88559	166	833	112278	2992	31	18	112	107	3	4438	7701	119979
16	ODISHA	552	1102	11140	22	285	13101	1350	8048	770	131	55	18	530	10902	24003
17	PUDUCHERRY	162	5	1568	6	11	1752	8	0	0	0	0	0	14	22	1774
18	PUNJAB	762	813	239337	22179	1830	264921	4309	876	90492	1083	580	229	18709	116278	381199
19	RAJASTHAN	1358	55	22897	243	424	24977	15611	106	3724	121	552	0	5325	25439	50416
20	TAMIL NADU	1072	141	47038	229	200	48680	2980	557	1649	121	32	12	12191	17542	66222
21	TELANGANA	8990	1139	244765	20382	2490	277766	18158	995	131313	1506	12649	461	122334	287416	565182
22	TRIPURA	2	214	1188	6	11	1421	0	0	0	0	0	0	0	0	1421
23	UTTARAKHAND	52	8	2387	13	4	2464	109	18	1007	448	21	7	508	2118	4582
24	UTTAR PRADESH	2305	3004	182098	1075	721	189203	17867	17201	4050	1316	579	98	17635	58746	247949
25	WEST BENGAL	1688	158	11366	462	124	13798	1080	141	210	359	84	25	1844	3743	17541
Total:		124295	24045	1570520	58309	88109	1865278	215769	38041	308135	12107	20611	1749	503078	1099490	2964768

MINOR IRRIGATION CENSUS (2013-14)
Table.3.7 DISTRIBUTION OF MEDIUM TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Medium Tubewells in use	Medium Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDHRA PRADESH	201408	6743	4799	11542	212950.00
2	ARUNACHAL PRADESH	1	0	0	0	1.00
3	ASSAM	19	0	6	6	25.00
4	BIHAR	245069	746	66	812	245881.00
5	CHANDIGARH	5	0	0	0	5.00
6	CHHATISGARH	117980	52	2	54	118034.00
7	DELHI	22	0	0	0	22.00
8	GOA	1	0	0	0	1.00
9	GUJARAT	168946	1920	257	2177	171123.00
10	HARYANA	51953	9	0	9	51962.00
11	HIMACHAL PRADESH	2123	0	1	1	2124.00
12	JAMMU & KASHMIR	116	0	1	1	117.00
13	JHARKHAND	737	890	0	890	1627.00
14	KARNATAKA	484053	6195	2602	8797	492850.00
15	KERALA	1929	8	2	10	1939.00
16	MADHYA PRADESH	268594	198	255	453	269047.00
17	MAHARASHTRA	130826	384	169	553	131379.00
18	NAGALAND	13	0	0	0	13.00
19	ODISHA	22584	1638	454	2092	24676.00
20	PUDUCHERRY	1732	27	56	83	1815.00
21	PUNJAB	384707	0	2	2	384709.00
22	RAJASTHAN	137057	3947	531	4478	141535.00

MINOR IRRIGATION CENSUS (2013-14)

Table.3.7 DISTRIBUTION OF MEDIUM TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Medium Tubewells in use	Medium Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
23	TAMIL NADU	70634	2128	860	2988	73622.00
24	TELANGANA	540899	23985	6432	30417	571316.00
25	TRIPURA	1880	86	27	113	1993.00
26	UTTARAKHAND	5491	0	1	1	5492.00
27	UTTAR PRADESH	249094	577	430	1007	250101.00
28	WEST BENGAL	21829	299	305	604	22433.00
	Total	3109702	49832	17258	67090	3176792

MINOR IRRIGATION CENSCUS (2013-14)

Table.3.8 DISTRIBUTION OF MEDIUM TUBEWELLS TEMPORARILY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No.	State	Non Availability of Adequate Power/Fuel		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	367	211.8	700	1057.82	5138	5513.88	75	54.39	79	64.81	384	652.72	6743	7555.42
2	BIHAR	101	155.8	220	426.7	113	211.2	70	91.78	27	49.5	215	565.2	746	1500.18
3	CHHATISGARH	25	14.81	4	0	12	0.2	2	0	2	0	7	0.45	52	15.46
4	GUJARAT	68	757.08	193	1964.63	220	1490.67	5	9	0	0	1434	10170.3	1920	14391.68
5	HARYANA	9	0	0	0	0	0	0	0	0	0	0	0	9	0
6	JHARKHAND	0	0	3	0	886	0	0	0	0	0	1	0.5	890	0.5
7	KARNATAKA	998	2887.05	343	84.09	2959	319.53	52	11.57	120	3.46	1723	129.01	6195	3434.71
8	KERALA	3	0	2	0.02	2	0	0	0	0	0	1	0	8	0.02
9	MADHYA PRADESH	50	26.87	21	10.5	73	75.52	3	3	3	0.69	48	29.08	198	145.66
10	MAHARASHTRA	119	13.27	15	3.18	190	106.8	3	1.6	8	1.2	49	7.68	384	133.73
11	ODISHA	265	948.88	328	1797.05	328	1716.32	88	386.61	117	433.36	512	2035.89	1638	7318.11
12	PUDUCHERRY	2	0	6	0	1	0	3	0	0	0	15	2.04	27	2.04
13	RAJASTHAN	5	4.98	18	64.37	801	2325.17	6	20.62	1	5.71	3116	9759.46	3947	12180.31
14	TAMIL NADU	401	1066.67	131	96.76	1287	616.85	36	33.68	66	225.81	207	158.97	2128	2198.74
15	TELANGANA	3464	4432.35	2664	1737.26	15760	12440.95	1103	1052.71	97	108.12	897	1200.07	23985	20971.46
16	TRIPURA	9	13.5	41	31.95	1	0	0	0	11	9.5	24	15.06	86	70.01
17	UTTAR PRADESH	204	404.62	201	1241.8	58	38.59	17	27.25	23	3.7	74	133.45	577	1849.41
18	WEST BENGAL	52	367.79	124	509.52	11	152.42	27	168	10	84.21	75	417.11	299	1699.05
	Total	6142	11305.47	5014	9025.65	27840	25008.1	1490	1860.21	564	990.07	8782	25276.99	49832	73466.49

MINOR IRRIGATION CENSCUS (2013-14)
Table.3.9 DISTRIBUTION OF MEDIUM TUBEWELLS PERMANENTLY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No.	State	Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	343	275.96	3056	1842.18	864	489.55	26	11.73	25	25.01	30	138.22	455	730.8	4799	3513.45
2	ASSAM	0	0	0	0	2	0	0	0	0	0	0	0	4	0	6	0.00
3	BIHAR	10	52	14	84	14	122.5	3	9	2	9	1	0	22	74	66	350.50
4	CHHATISGARH	0	0	0	0	2	28.46	0	0	0	0	0	0	0	0	2	28.46
5	GUJARAT	5	9.36	15	137.89	10	17	2	2.2	0	0	2	4	223	653.6	257	824.05
6	HIMACHAL PRADESH	0	0	1	36	0	0	0	0	0	0	0	0	0	0	1	36.00
7	JAMMU & KASHMIR	0	0	0	0	0	0	0	0	0	0	0	0	1	0.3	1	0.30
8	KARNATAKA	933	713.54	1006	318.41	133	43.6	6	0.86	14	11.81	6	2.5	504	177.72	2602	1268.44
9	KERALA	0	0	0	0	2	34	0	0	0	0	0	0	0	0	2	34.00
10	MADHYA PRADESH	8	7.42	95	50.91	19	7.2	0	0	0	0	34	1.8	99	50.24	255	117.57
11	MAHARASHTRA	8	9.05	82	53.04	31	23.66	7	1.54	1	0	0	0	40	31.29	169	118.58
12	ODISHA	18	70.08	69	197.51	244	1020.39	5	14.56	11	57.9	1	4.83	106	380.26	454	1745.53
13	PUDUCHERRY	5	1.18	4	0	12	12.72	2	0	0	0	3	2.96	30	3	56	19.86
14	PUNJAB	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0.00
15	RAJASTHAN	3	13.67	271	983.72	26	114.26	0	0	0	0	195	387.45	36	86.39	531	1585.49
16	TAMIL NADU	229	388.39	251	381.05	160	186.93	18	7.22	7	3.37	4	7.54	191	195.93	860	1170.43
17	TELANGANA	265	307.64	4116	4039.01	1780	1490.7	31	45.31	27	40.21	29	51.33	184	241.12	6432	6215.32
18	TRIPURA	1	2.5	9	15.8	8	7.7	1	1.8	1	2	0	0	7	7.75	27	37.55
19	UTTARAKHAND	1	9	0	0	0	0	0	0	0	0	0	0	0	0	1	9.00
20	UTTAR PRADESH	10	0	33	232	189	49	4	0	0	0	0	0	194	49.5	430	330.50
21	WEST BENGAL	3	1.14	29	360.03	82	320.41	5	21.3	5	40.89	3	44.55	178	675.15	305	1463.47
Total		1842	1860.93	9053	8731.55	3578	3968.08	110	115.52	93	190.19	308	645.18	2274	3357.05	17258	18868.50

MINOR IRRIGATION CENSUS (2013-14)

Table.3.10 DISTRIBUTION OF MEDIUM TUBEWELLS IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In No./ Area in ha.)

Sl. No.	State	Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	15268	25242.91	100947	150845.79	21515	34092.36	46306	65781.8	12664	17819.03	4242	5053.59	466	1054.36	201408	299889.84
2	ARUNACHAL PRADESH	0	0	1	2	0	0	0	0	0	0	0	0	0	0	1	2
3	ASSAM	0	0	5	6.6	13	308	0	0	1	21	0	0	0	0	19	335.6
4	BIHAR	1799	9082.43	10715	56515.77	1031	7834.29	229608	1181571.57	372	1808.91	175	799.79	1369	7781.14	245069	1265393.9
5	CHANDIGARH	1	3.24	3	10.94	1	8	0	0	0	0	0	0	0	0	5	22.18
6	CHHATISGARH	5157	13959.26	38712	104129.53	957	2436.07	58220	166497.89	1354	4411.84	7931	28385.14	5649	20723.57	117980	340543.3
7	DELHI	2	6	9	28	0	0	11	56	0	0	0	0	0	0	22	90
8	GOA	0	0	1	0.5	0	0	0	0	0	0	0	0	0	0	1	0.5
9	GUJARAT	788	5575.5	26350	187239.3	32833	220273.95	101246	685867.52	866	5883.2	6204	15195.27	659	908.23	168946	1120942.97
10	HARYANA	1950	16781.6	30276	312984.8	13916	167076.3	1848	24673	6	60	3810	40279	147	1647	51953	563501.7
11	HIMACHAL PRADESH	134	954.68	1129	6077.81	101	2112.05	753	2165.84	1	6	1	1	4	16.08	2123	11333.46
12	JAMMU & KASHMIR	4	308.86	108	692.67	2	1.52	2	4.04	0	0	0	0	0	0	116	1007.09
13	JHARKHAND	5	10.3	669	1032.16	2	2.01	18	31	5	6	0	0	38	37.02	737	1118.49
14	KARNATAKA	46753	133365.73	32807	55145.2	309586	594828.14	33620	72246.28	41198	80317.5	10318	24416.82	9771	16638.66	484053	976958.33
15	KERALA	261	282.34	612	658.99	276	182.97	573	448.53	47	50.84	148	111.67	12	6.5	1929	1741.84
16	MADHYA PRADESH	2968	11519.14	24250	81988.7	20165	67293.9	178173	760672.37	940	2836.64	41690	152747.53	408	1235.12	268594	1078293.4
17	MAHARASHTRA	8037	11800.66	42252	73608.15	54693	99636.32	16189	27150.63	5604	10919.37	2907	3624.06	1144	2223.68	130826	228962.87
18	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	13	30.2	13	30.2
19	ODISHA	423	2216.16	8653	23934.69	436	1564.16	12750	32621.3	33	84.82	26	31.3	263	203.03	22584	60655.46
20	PUDUCHERRY	623	1662.35	358	742.42	663	1469.39	74	170.97	11	17.46	0	0	3	9.4	1732	4071.99
21	PUNJAB	16243	109859.98	356925	1902342.31	11432	77953.96	36	223.27	39	244.59	7	39.99	25	148.41	384707	2090812.51
22	RAJASTHAN	2741	10540.94	19531	69758.4	12789	69654.17	54471	299472.5	586	2785.56	46622	208456.74	317	2413.04	137057	663081.35
23	TAMIL NADU	12470	26452.28	43740	126374.1	11650	41118.65	1144	2182.04	813	2343.93	67	75.84	750	1099.69	70634	199646.53
24	TELANGANA	80101	94090.23	161942	233359.53	168885	217225.57	122471	155783.1	3543	5627.73	1280	852.16	2677	3352.56	540899	710290.88
25	TRIPURA	26	82.27	1202	2877.99	517	1398.1	59	115.45	24	35.6	0	0	52	109.43	1880	4618.84
26	UTTARAKHAND	314	7955.18	4925	33480.35	250	1750.92	2	4	0	0	0	0	0	0	5491	43190.45
27	UTTAR PRADESH	15813	141128.67	156907	1063732.63	4293	36554.86	67303	465937.04	317	2685.1	1443	11236.76	3018	12644.36	249094	1733919.42
28	WEST BENGAL	1244	16866.7	14757	118918.2	1501	13185.49	4186	35056.62	15	110.34	5	7.1	121	675.83	21829	184820.28
	Total	213125	639747.41	1077786	4606487.53	667507	1657961.15	929063	3978732.76	68439	138075.46	126876	491313.76	26906	72957.31	3109702	11585275.38

MINOR IRRIGATION CENSUS (2013-14)

Table.3.11 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE ,TEMPORARILY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

(In Nos.)

Sl. No.	State	With One lifting Device						With two lifting Device					
		Submersible Pump	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Grand Total (8 +13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDHRA PRADESH	176998	29113	104	0	424	206639	664	5	16	827	1512	208151
2	ARUNACHAL PRADESH	1	0	0	0	0	1	0	0	0	0	0	1
3	ASSAM	11	8	0	0	0	19	0	0	0	0	0	19
4	BIHAR	15064	180795	801	0	21936	218596	4130	203	198	22655	27186	245782
5	CHANDIGARH	3	2	0	0	0	5	0	0	0	0	0	5
6	CHHATISGARH	110380	4986	101	0	2044	117511	383	4	0	134	521	118032
7	DELHI	13	9	0	0	0	22	0	0	0	0	0	22
8	GOA	1	0	0	0	0	1	0	0	0	0	0	1
9	GUJARAT	169063	1237	74	0	379	170753	109	0	0	3	112	170865
10	HARYANA	44790	3948	10	0	3172	51920	3	0	0	38	41	51961
11	HIMACHAL PRADESH	1810	107	0	0	173	2090	8	0	0	25	33	2123
12	JAMMU & KASHMIR	28	88	0	0	0	116	0	0	0	0	0	116
13	JHARKHAND	1160	305	0	0	150	1615	1	0	1	10	12	1627
14	KARNATAKA	449900	15619	2998	0	11219	479736	6870	859	47	2712	10488	490224
15	KERALA	1293	610	0	0	10	1913	16	0	0	8	24	1937
16	MADHYA PRADESH	237867	17781	191	0	3874	259713	758	31	37	8245	9071	268784
17	MAHARASHTRA	98463	31149	95	0	1435	131142	37	0	0	23	60	131202
18	NAGALAND	4	8	0	0	0	12	0	0	1	0	1	13
19	ODISHA	12069	11495	177	0	204	23945	127	2	0	90	219	24164
20	PUDUCHERRY	1751	0	0	0	0	1751	5	0	0	0	5	1756
21	PUNJAB	331919	38236	122	0	1372	371649	476	8	1	12573	13058	384707
22	RAJASTHAN	133196	5954	798	0	245	140193	103	82	61	5	251	140444
23	TAMIL NADU	55184	14604	389	0	1825	72002	338	45	21	139	543	72545
24	TELANGANA	511996	23099	200	0	3078	538373	1291	37	4	1814	3146	541519
25	TRIPURA	1845	120	0	0	1	1966	0	0	0	0	0	1966
26	UTTARAKHAND	1788	3624	1	0	4	5417	63	0	0	11	74	5491

MINOR IRRIGATION CENSUS (2013-14)

Table.3.11 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE ,TEMPORARILY NOT IN USE) ACCORDING TO WATER LIFTING DEVICES

(In Nos.)

Sl. No.	State	With One lifting Device						With two lifting Device					
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
27	UTTAR PRADESH	106478	131548	466	0	2022	240514	2689	23	59	6305	9076	249590
28	WEST BENGAL	14418	7379	19	0	47	21863	184	3	4	69	260	22123
Total		2477493	521824	6546	0	53614	3059477	18255	1302	450	55686	75693	3135170

MINOR IRRIGATION CENSUS (2013-14)

Table.3.12 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE ,TEMPORARILY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

Sl.. No.	State	with one source of energy							With two Source of Energy									
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Others	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 16)	Grand Total (9 + 17)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	201868	4362	63	54	0	169	206516	1211	3	4	0	0	0	417	1635	208151
2	ARUNACHAL PRADESH	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
3	ASSAM	13	6	0	0	0	0	19	0	0	0	0	0	0	0	0	19
4	BIHAR	6751	149429	200	41	0	12196	168617	76478	91	53	343	73	21	106	77165	245782
5	CHANDIGARH	4	0	0	0	0	0	4	1	0	0	0	0	0	0	1	5
6	CHHATISGARH	117234	218	2	4	0	133	117591	241	154	38	1	2	1	4	441	118032
7	DELHI	21	0	0	0	0	0	21	1	0	0	0	0	0	0	1	22
8	GOA	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
9	GUJARAT	165858	1121	5	1	0	4	166989	3832	25	0	10	3	0	6	3876	170865
10	HARYANA	43404	4303	8	2	0	44	47761	3901	7	4	4	0	0	284	4200	51961
11	HIMACHAL PRADESH	1970	17	0	0	0	1	1988	116	3	0	0	0	0	16	135	2123
12	JAMMU & KASHMIR	114	1	0	0	0	0	115	1	0	0	0	0	0	0	1	116
13	JHARKHAND	1150	338	0	0	0	10	1498	99	0	0	0	0	0	30	129	1627
14	KARNATAKA	467576	683	86	78	0	627	469050	15722	497	3386	6	2	1	1560	21174	490224
15	KERALA	1911	6	0	1	0	5	1923	9	0	0	0	0	0	5	14	1937
16	MADHYA PRADESH	249267	2889	30	27	0	179	252392	3248	68	247	0	2	0	12827	16392	268784
17	MAHARASHTRA	126055	2454	336	23	0	357	129225	1199	61	8	0	1	0	708	1977	131202
18	NAGALAND	5	6	0	0	0	0	11	0	0	1	0	0	0	1	2	13
19	ODISHA	17035	5545	10	76	0	658	23324	670	21	11	3	35	2	98	840	24164
20	PUDUCHERRY	1756	0	0	0	0	0	1756	0	0	0	0	0	0	0	0	1756
21	PUNJAB	356476	6190	16	12	0	42	362736	21533	44	14	5	7	4	364	21971	384707
22	RAJASTHAN	117642	18169	4	17	0	15	135847	4587	0	1	0	0	0	9	4597	140444
23	TAMIL NADU	58897	5327	46	23	0	313	64606	2179	141	44	38	18	13	5506	7939	72545
24	TELANGANA	467957	188	3	61	0	5	468214	71683	479	206	2	2	1	932	73305	541519
25	TRIPURA	1958	8	0	0	0	0	1966	0	0	0	0	0	0	0	0	1966
26	UTTARAKHAND	2045	3317	0	0	0	2	5364	121	0	0	0	1	0	5	127	5491
27	UTTAR PRADESH	128372	102291	139	32	0	278	231112	12356	34	12	45	58	0	5973	18478	249590
28	WEST BENGAL	14580	5493	6	5	0	29	20113	1441	17	4	7	5	0	536	2010	22123
Total		2549921	312361	954	457	0	15067	2878760	220629	1645	4033	464	209	43	29387	256410	3135170

MINOR IRRIGATION CENSUS (2013-14)

Table.3.13 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Medium Tubewells by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDHRA PRADESH	4856	15621	137743	36272	1491	12164	208147	4	208151
2	ARUNACHAL PRADESH	1	0	0	0	0	0	1	0	1
3	ASSAM	0	0	3	0	0	16	19	0	19
4	BIHAR	10324	18525	199708	4414	7717	5052	245740	42	245782
5	CHANDIGARH	0	0	3	1	0	1	5	0	5
6	CHHATISGARH	16432	86151	15016	73	64	280	118016	16	118032
7	DELHI	0	0	5	16	0	1	22	0	22
8	GOA	0	0	0	0	0	0	0	1	1
9	GUJARAT	117	1834	10752	18009	1647	138273	170632	233	170865
10	HARYANA	40	878	1789	4373	2462	42419	51961	0	51961
11	HIMACHAL PRADESH	9	184	348	510	134	938	2123	0	2123
12	JAMMU & KASHMIR	1	13	71	5	0	26	116	0	116
13	JHARKHAND	40	297	139	1	5	6	488	1139	1627
14	KARNATAKA	29691	24636	231373	115470	20369	68682	490221	3	490224
15	KERALA	870	749	291	21	0	6	1937	0	1937
16	MADHYA PRADESH	1489	36061	174089	32146	6159	18772	268716	68	268784
17	MAHARASHTRA	1817	27920	85208	10287	1163	4776	131171	31	131202

MINOR IRRIGATION CENSUS (2013-14)

Table.3.13 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Medium Tubewells by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
18	NAGALAND	0	0	9	3	1	0	13	0	13
19	ODISHA	3665	14865	4721	306	13	191	23761	403	24164
20	PUDUCHERRY	1	2	37	404	14	1298	1756	0	1756
21	PUNJAB	964	12645	57505	153440	7581	152548	384683	24	384707
22	RAJASTHAN	103	2143	9913	27445	9398	91442	140444	0	140444
23	TAMIL NADU	882	2873	29285	18609	759	20130	72538	7	72545
24	TELANGANA	433	16499	509247	13535	536	1263	541513	6	541519
25	TRIPURA	627	1267	64	0	0	7	1965	1	1966
26	UTTARAKHAND	6	15	3665	985	470	347	5488	3	5491
27	UTTAR PRADESH	1332	8778	18347	60478	47764	112868	249567	23	249590
28	WEST BENGAL	257	681	15694	4216	94	1173	22115	8	22123
	Total	73957	272637	1505025	501019	107841	672679	3133158	2012	3135170

MINOR IRRIGATIOMN CENSUS (2013-14)

Table.3.14 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	82779	33761	28496	40277	17867	4967	208147	89515	32741	25048	34066	24202	2575	208147
2	ARUNACHAL PRADESH	1	0	0	0	0	0	1	1	0	0	0	0	0	1
3	ASSAM	19	0	0	0	0	0	19	18	1	0	0	0	0	19
4	BIHAR	156469	63451	11371	8101	2100	4248	245740	147389	76735	13294	4711	1710	1901	245740
5	CHANDIGARH	1	0	0	2	2	0	5	1	1	1	2	0	0	5
6	CHHATISGARH	70103	25342	11476	5807	1757	3531	118016	55568	25996	8422	7353	6846	13831	118016
7	DELHI	12	5	2	2	1	0	22	19	2	0	1	0	0	22
8	GUJARAT	164209	6205	143	10	65	0	170632	40963	59691	33623	13327	19258	3770	170632
9	HARYANA	11606	15544	12374	7302	2209	2926	51961	14550	23557	8666	1179	1098	2911	51961
10	HIMACHAL PRADESH	1764	192	101	18	27	21	2123	1237	630	98	65	23	70	2123
11	JAMMU & KASHMIR	49	54	1	3	9	0	116	98	11	2	5	0	0	116
12	JHARKHAND	437	26	14	9	2	0	488	442	33	8	4	0	1	488
13	KARNATAKA	274081	115754	58003	29154	6388	6841	490221	317507	106058	39891	15906	6908	3951	490221
14	KERALA	1883	51	2	0	0	1	1937	1811	113	8	1	3	1	1937
15	MADHYA PRADESH	242806	18883	4783	2043	118	83	268716	56291	79303	54478	48288	17559	12797	268716
16	MAHARASHTRA	96849	21005	2999	1043	914	8361	131171	70437	26916	18544	4877	469	9928	131171
17	NAGALAND	13	0	0	0	0	0	13	13	0	0	0	0	0	13
18	ODISHA	18922	2227	1062	660	385	505	23761	13013	3901	2022	1749	1399	1677	23761
19	PUDUCHERRY	506	559	406	199	60	26	1756	669	697	263	106	14	7	1756
20	PUNJAB	18621	53216	156945	126336	21094	8471	384683	333574	33351	16195	861	608	94	384683
21	RAJASTHAN	124852	12703	1349	1321	202	17	140444	26432	24947	32183	32800	19657	4425	140444
22	TAMIL NADU	31453	11464	7652	6912	5964	9093	72538	40942	12679	7153	5299	3476	2989	72538
23	TELANGANA	23559	61807	185611	145816	81642	43078	541513	38594	35493	152142	231483	79823	3978	541513
24	TRIPURA	1602	357	5	1	0	0	1965	562	1087	260	25	0	31	1965
25	UTTARAKHAND	3435	1126	361	118	169	279	5488	3663	1004	232	114	124	351	5488
26	UTTAR PRADESH	161552	71768	9691	3502	1666	1388	249567	136170	83358	18808	6169	2616	2446	249567

MINOR IRRIGATIOMN CENSUS (2013-14)

Table.3.14 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10+15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
27	WEST BENGAL	12301	5059	2122	1231	856	546	22115	7507	3429	2306	2330	2304	4239	22115
	Total	1499884	520559	494969	379867	143497	94382	3133158	1396986	631734	433647	410721	188097	71973	3133158

MINOR IRRIGATION CENSUS (2013-14)

Table.3.15 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO AVERAGE HOURS OF PUMPING PER DAY

(In Nos.)

Sl. No.	State	During Kharif season							During Rabi season						
		0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (3 to 8)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	67995	137804	2174	88	13	73	208147	75469	130633	1637	280	73	55	208147
2	ARUNACHAL PRADESH	1	0	0	0	0	0	1	1	0	0	0	0	0	1
3	ASSAM	19	0	0	0	0	0	19	15	4	0	0	0	0	19
4	BIHAR	37567	99610	85061	13357	2819	7326	245740	39737	97951	89993	13529	1997	2533	245740
5	CHANDIGARH	1	2	2	0	0	0	5	2	3	0	0	0	0	5
6	CHHATISGARH	11284	26706	29764	22931	2758	24573	118016	10809	16471	29510	24535	5888	30803	118016
7	DELHI	1	2	14	5	0	0	22	0	9	9	4	0	0	22
8	GUJARAT	108603	61152	812	52	3	10	170632	11418	119704	39283	190	13	24	170632
9	HARYANA	11969	26307	12741	796	96	52	51961	3152	42720	5082	795	114	98	51961
10	HIMACHAL PRADESH	583	767	615	121	36	1	2123	239	853	558	375	87	11	2123
11	JAMMU & KASHMIR	0	55	31	30	0	0	116	27	65	24	0	0	0	116
12	JHARKHAND	337	96	38	12	3	2	488	362	85	29	10	1	1	488
13	KARNATAKA	253693	210416	21935	2261	1020	896	490221	293296	177799	15268	2704	339	815	490221
14	KERALA	1843	92	1	0	0	1	1937	1804	127	6	0	0	0	1937
15	MADHYA PRADESH	206523	36552	24295	1229	62	55	268716	10098	78297	161551	16968	1318	484	268716
16	MAHARASHTRA	50083	52624	16511	10881	383	689	131171	33457	68516	17190	2438	8373	1197	131171
17	NAGALAND	7	5	1	0	0	0	13	6	7	0	0	0	0	13
18	ODISHA	10996	7701	4006	511	108	439	23761	6072	8578	6082	1953	449	627	23761
19	PUDUCHERRY	343	743	471	155	24	20	1756	457	849	325	112	12	1	1756
20	PUNJAB	3343	248326	132020	892	68	34	384683	90229	284371	9627	394	17	45	384683
21	RAJASTHAN	104496	32623	3064	196	56	9	140444	8563	102280	26829	2355	350	67	140444
22	TAMIL NADU	31215	19930	14056	6167	758	412	72538	37180	22540	9916	2657	129	116	72538
23	TELANGANA	21537	512999	6247	115	20	595	541513	40210	491253	9487	167	18	378	541513
24	TRIPURA	1182	769	12	0	2	0	1965	402	1295	249	17	0	2	1965
25	UTTARAKHAND	256	2809	1932	311	115	65	5488	248	2727	2086	310	58	59	5488
26	UTTAR PRADESH	23663	119432	90971	9928	1443	4130	249567	21105	109058	100892	12908	1865	3739	249567
27	WEST BENGAL	8072	8722	4197	844	168	112	22115	5993	5682	6224	2983	901	332	22115
	Total	955612	1606244	450971	70882	9955	39494	3133158	690351	1761877	531857	85684	22002	41387	3133158

MINOR IRRIGATION CENSUS (2013-14)

Table.3.16 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No.	State	No. by the depth of medium Tubewells						
		0 to 20 mts	20 to 35 mts	35 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to 8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDHRA PRADESH	0	0	21152	117207	74591	0	212950
2	ARUNACHAL PRADESH	0	0	1	0	0	0	1
3	ASSAM	0	0	9	9	7	0	25
4	BIHAR	0	0	46286	185529	14066	0	245881
5	CHANDIGARH	0	0	1	1	3	0	5
6	CHHATISGARH	0	0	17327	58242	42465	0	118034
7	DELHI	0	0	12	7	3	0	22
8	GOA	0	0	1	0	0	0	1
9	GUJARAT	0	0	22618	92900	55605	0	171123
10	HARYANA	0	0	7764	26049	18149	0	51962
11	HIMACHAL PRADESH	0	0	611	1162	351	0	2124
12	JAMMU & KASHMIR	0	0	45	60	12	0	117
13	JHARKHAND	0	0	1361	218	48	0	1627
14	KARNATAKA	0	0	56419	329707	106724	0	492850
15	KERALA	0	0	224	1021	694	0	1939
16	MADHYA PRADESH	0	0	26462	125988	116597	0	269047
17	MAHARASHTRA	0	0	5810	85384	40185	0	131379
18	NAGALAND	0	0	1	12	0	0	13
19	ODISHA	0	0	8314	10921	5441	0	24676

MINOR IRRIGATION CENSUS (2013-14)

Table.3.16 DISTRIBUTION OF MEDIUM TUBEWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No.	State	No. by the depth of medium Tubewells						
		0 to 20 mts	20 to 35 mts	35 to 40 mts	40 to 60 mts	60 to 70 mts	>70 mts	Total (3 to 8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
20	PUDUCHERRY	0	0	285	1041	489	0	1815
21	PUNJAB	0	0	33573	161819	189317	0	384709
22	RAJASTHAN	0	0	9218	47651	84666	0	141535
23	TAMIL NADU	0	0	19148	41646	12828	0	73622
24	TELANGANA	0	0	70386	271357	229573	0	571316
25	TRIPURA	0	0	822	762	409	0	1993
26	UTTARAKHAND	0	0	253	1713	3526	0	5492
27	UTTAR PRADESH	0	0	48726	130216	71159	0	250101
28	WEST BENGAL	0	0	3131	12273	7029	0	22433
Total:		0	0	399960	1702895	1073937	0	3176792

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17A DISTRIBUTION OF MEDIUM TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No.	State	No. of Dugwell by Location			
		Outside command	Inside command	Inside command for augmentatio only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDHRA PRADESH	178350	33863	737	212950
2	ARUNACHAL PRADESH	1	0	0	1
3	ASSAM	24	0	1	25
4	BIHAR	243907	1974	0	245881
5	CHANDIGARH	5	0	0	5
6	CHHATISGARH	115707	2211	116	118034
7	DELHI	22	0	0	22
8	GOA	1	0	0	1
9	GUJARAT	142083	24328	4712	171123
10	HARYANA	44772	7058	132	51962
11	HIMACHAL PRADESH	1831	293	0	2124
12	JAMMU & KASHMIR	116	1	0	117
13	JHARKHAND	1577	50	0	1627
14	KARNATAKA	456336	23467	13047	492850
15	KERALA	1420	516	3	1939
16	MADHYA PRADESH	248263	13192	7592	269047
17	MAHARASHTRA	111727	18855	797	131379
18	NAGALAND	13	0	0	13

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17A DISTRIBUTION OF MEDIUM TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No.	State	No. of Dugwell by Location			
		Outside command	Inside command	Inside command for augmentatio only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
19	ODISHA	19282	5298	96	24676
20	PUDUCHERRY	1764	0	51	1815
21	PUNJAB	330651	54041	17	384709
22	RAJASTHAN	126553	14923	59	141535
23	TAMIL NADU	52164	20480	978	73622
24	TELANGANA	517713	53213	390	571316
25	TRIPURA	1993	0	0	1993
26	UTTARAKHAND	5480	12	0	5492
27	UTTAR PRADESH	247245	2856	0	250101
28	WEST BENGAL	22094	245	94	22433
Total:		2871094	276876	28822	3176792

MINOR IRRIGATION CENSUS (2013-14)
Table.3.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL MEDIUM TUBEWELLS

(In Nos.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	293595.31	183840.71	155574.51	54648.55	475.52	394539.29
2	ARUNACHAL PRADESH	10	3	2	0	0	5
3	ASSAM	445.8	393	279.36	0	0	672.36
4	BIHAR	1357648.18	645471.31	564605.96	186099.69	245738.65	1641915.61
5	CHANDIGARH	12.71	11.09	11.09	0	0	22.18
6	CHHATISGARH	286142.94	199261.04	148585.15	237.88	4935.7	353019.77
7	DELHI	54.37	51.47	51.47	0	0	102.94
8	GOA	0.5	0	0	0.5	0	0.5
9	GUJARAT	1234765.61	651712.97	799552.45	107380.04	146814.67	1705460.13
10	HARYANA	290997.29	281021.48	281025.48	1773	264.1	564084.06
11	HIMACHAL PRADESH	9104.12	6465.81	7667.95	14.25	39.64	14187.65
12	JAMMU & KASHMIR	950.89	944.86	63.8	0.25	0	1008.91
13	JHARKHAND	2675.31	742.7	472.48	16.96	41.29	1273.43
14	KARNATAKA	940615.53	549701.58	245290.81	151509.76	107274.33	1053776.48
15	KERALA	4696.67	365.38	430.15	961.55	78.92	1836
16	MADHYA PRADESH	1458883.44	242572.4	1034643.79	22364.76	4875.44	1304456.39
17	MAHARASHTRA	235454.42	135992.36	75496.94	28870.14	10346.81	250706.25
18	NAGALAND	160	26	13	0	0	39
19	ODISHA	79663.65	57778.26	50769.72	2018.31	228.89	110795.18
20	PUDUCHERRY	2535.17	1838.31	1763.84	219.45	302.53	4124.13

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL MEDIUM TUBEWELLS

(In Nos.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21	PUNJAB	1208897.87	1125889.69	1124331.16	24342.22	14270.29	2288833.36
22	RAJASTHAN	681218.62	97824.52	628397.01	930.23	22705.1	749856.86
23	TAMIL NADU	173836.35	114393.35	101225.91	14516.18	3501.82	233637.26
24	TELANGANA	615886.28	472232.35	348965.31	23628.47	6769.81	851595.94
25	TRIPURA	3408.61	2781.4	2653.64	0.16	290.33	5725.53
26	UTTARAKHAND	23135.79	19185.62	19004.19	1814.04	4208.67	44212.52
27	UTTAR PRADESH	2158227.89	827914.96	889730.73	441048.9	378580.18	2537274.77
28	WEST BENGAL	169140.61	101166.09	83489.26	4299.61	31399.4	220354.36
Total :		11232163.93	5719581.71	6564097.16	1066694.9	983142.09	14333515.86

MINOR IRRIGATION CENSUS (2013-14)
Table.3.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH MEDIUM TUBEWELLS

(In Nos.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	283848.37	177671.57	150451.98	53366.7	468.51	381958.76
2	ARUNACHAL PRADESH	10	3	2	0	0	5
3	ASSAM	445.8	393	279.36	0	0	672.36
4	BIHAR	1351609.57	642467.58	562134.55	185516.09	244992.65	1635110.87
5	CHANDIGARH	12.71	11.09	11.09	0	0	22.18
6	CHHATISGARH	286012.45	199155.22	148514.97	237.88	4932.7	352840.77
7	DELHI	54.37	51.47	51.47	0	0	102.94
8	GOA	0.5	0	0	0.5	0	0.5
9	GUJARAT	1218993.61	642944.89	789315.33	106090.98	144949.2	1683300.4
10	HARYANA	290960.29	280985.48	280990.48	1772	264.1	564012.06
11	HIMACHAL PRADESH	9086.12	6447.81	7649.95	14.25	39.64	14151.65
12	JAMMU & KASHMIR	950.74	944.71	63.65	0.25	0	1008.61
13	JHARKHAND	1637.25	734.7	472.48	16.96	41.29	1265.43
14	KARNATAKA	924337.91	542475.66	241802.02	150908.41	105079.02	1040265.11
15	KERALA	4652.03	363.13	427.99	924.62	78.92	1794.66
16	MADHYA PRADESH	1457761.22	242441.8	1033978.89	22360.26	4875.31	1303656.26
17	MAHARASHTRA	234773.74	135685.29	75239.92	28810.06	10323.23	250058.5
18	NAGALAND	160	26	13	0	0	39
19	ODISHA	71685.52	52800.56	46474.93	1970.28	211.06	101456.83
20	PUDUCHERRY	2453.59	1813.64	1739.17	219.13	301.75	4073.69

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH MEDIUM TUBEWELLS

(In Nos.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21	PUNJAB	1208895.04	1125889.69	1124331.16	24342.22	14270.29	2288833.36
22	RAJASTHAN	667164.16	89502.72	622256.7	828.68	22683.18	735271.28
23	TAMIL NADU	166971.39	111103.86	99084.8	14255.25	3387.56	227831.47
24	TELANGANA	587385.17	449504.63	341171.71	23190.88	5974.04	819841.26
25	TRIPURA	3206.19	2625.19	2526.4	0.16	290.33	5442.08
26	UTTARAKHAND	23129.79	19183.62	19000.19	1812.04	4207.67	44203.52
27	UTTAR PRADESH	2152077.91	826457.11	887736.02	440362.62	377538.37	2532094.12
28	WEST BENGAL	165542.7	99061.79	81940.51	4254.7	30761.83	216018.83
Total :		11113818.14	5650745.21	6517660.72	1061254.92	975670.65	14205331.5

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH MEDIUM TUBEWELLS

(In Nos.)

Sl. No	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	7003.35	4335.86	3798.18	930.47	2.57	9067.08
2	BIHAR	5673.91	2830.23	2325.41	567.6	731	6454.24
3	CHHATISGARH	102.43	78.36	69.18	0	3	150.54
4	GUJARAT	14893.15	8320.68	9953.99	1255.03	1805.98	21335.68
5	HARYANA	37	36	35	1	0	72
6	JHARKHAND	1038.06	8	0	0	0	8
7	KARNATAKA	12697.48	6621.43	3121.81	543.95	1955.74	12242.93
8	KERALA	7.64	2.25	2.16	2.93	0	7.34
9	MADHYA PRADESH	717.36	115.05	562.88	4.5	0.13	682.56
10	MAHARASHTRA	532.8	254.15	216.36	44.22	14.44	529.17
11	ODISHA	5703.79	4328.61	3229.62	16.76	17.83	7592.82
12	PUDUCHERRY	27.71	14.74	14.74	0.32	0.78	30.58
13	RAJASTHAN	12518.2	8215.37	4673.18	101.55	9.99	13000.09
14	TAMIL NADU	5686.54	2578.2	1783.09	187.79	86.28	4635.36
15	TELANGANA	22916.8	18028.36	6315.68	432.66	762.66	25539.36
16	TRIPURA	158.55	135.06	110.84	0	0	245.9
17	UTTAR PRADESH	5328.51	1280.15	1873.21	665.28	1031.51	4850.15
18	WEST BENGAL	2236.12	1407.17	1077.75	33.91	353.23	2872.06
Total :		97279.4	58589.67	39163.08	4787.97	6775.14	109315.86

MINOR IRRIGATION CENSUS (2013-14)

Table.3.17E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THROUGH MEDIUM TUBEWELLS

(In Nos.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			Kharif	Rabi	Perennial	Other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	2743.59	1833.28	1324.35	351.38	4.44	3513.45
2	ASSAM	0	0	0	0	0	0
3	BIHAR	364.7	173.5	146	16	15	350.5
4	CHHATISGARH	28.06	27.46	1	0	0	28.46
5	GUJARAT	878.85	447.4	283.13	34.03	59.49	824.05
6	HIMACHAL PRADESH	18	18	18	0	0	36
7	JAMMU & KASHMIR	0.15	0.15	0.15	0	0	0.3
8	KARNATAKA	3580.14	604.49	366.98	57.4	239.57	1268.44
9	KERALA	37	0	0	34	0	34
10	MADHYA PRADESH	404.86	15.55	102.02	0	0	117.57
11	MAHARASHTRA	147.88	52.92	40.66	15.86	9.14	118.58
12	ODISHA	2274.34	649.09	1065.17	31.27	0	1745.53
13	PUDUCHERRY	53.87	9.93	9.93	0	0	19.86
14	PUNJAB	2.83	0	0	0	0	0
15	RAJASTHAN	1536.26	106.43	1467.13	0	11.93	1585.49
16	TAMIL NADU	1178.42	711.29	358.02	73.14	27.98	1170.43
17	TELANGANA	5584.31	4699.36	1477.92	4.93	33.11	6215.32
18	TRIPURA	43.87	21.15	16.4	0	0	37.55
19	UTTARAKHAND	6	2	4	2	1	9
20	UTTAR PRADESH	821.47	177.7	121.5	21	10.3	330.5
21	WEST BENGAL	1361.79	697.13	471	11	284.34	1463.47
Total :		21066.39	10246.83	7273.36	652.01	696.3	18868.5

MINOR IRRIGATION CENSUS (2013-14)

Table.3.18 SEASON WISE POTENTIAL UTILISED THROUGH ALL MEDIUM TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	23121.88	21496.3	5262.49	29.26	49909.93	113305.65	94490.62	43537.24	158.06	251491.57	136427.53	115986.92	48799.73	187.32	301401.5
2	ARUNACHAL PRADESH	0	0	0	0	0	1	1	0	0	2	1	1	0	0	2
3	ASSAM	0	0	0	0	0	207.9	127.7	0	0	335.6	207.9	127.7	0	0	335.6
4	BIHAR	2839.07	2473.55	277.06	142.86	5732.54	557390.46	457809.4	110886.82	138528.74	1264615.42	560229.53	460282.95	111163.88	138671.6	1270347.96
5	CHANDIGARH	0	0	0	0	0	11.09	11.09	0	0	22.18	11.09	11.09	0	0	22.18
6	CHHATISGARH	3870.23	672.73	0	2034.23	6577.19	187874.58	143139.81	231.69	2855.11	334101.19	191744.81	143812.54	231.69	4889.34	340678.38
7	DELHI	0	0	0	0	0	45	45	0	0	90	45	45	0	0	90
8	GOA	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0.5	0	0.5
9	GUJARAT	48656.46	53519.92	6285.65	3611.86	112073.89	424731.66	387637.49	82678.98	120764.95	1015813.08	473388.12	441157.41	88964.63	124376.81	1127886.97
10	HARYANA	36676	36519	41	11	73247	244096.5	244248.2	1732	250	490326.7	280772.5	280767.2	1773	261	563573.7
11	HIMACHAL PRADESH	423.04	419.88	0	0	842.92	4599.36	5849.98	7.88	33.32	10490.54	5022.4	6269.86	7.88	33.32	11333.46
12	JAMMU & KASHMIR	1.01	1.01	0	0	2.02	943.19	61.88	0	0	1005.07	944.2	62.89	0	0	1007.09
13	JHARKHAND	48	0	0	0	48	620.11	405.2	14.17	38.51	1077.99	668.11	405.2	14.17	38.51	1125.99
14	KARNATAKA	5328.77	2924.98	1128.48	1852.13	11234.36	515799.82	222225.57	147439.16	89067.64	974532.19	521128.59	225150.55	148567.64	90919.77	985766.55
15	KERALA	230.01	262.78	227.17	10.06	730.02	121.54	155.47	680.06	62.07	1019.14	351.55	418.25	907.23	72.13	1749.16
16	MADHYA PRADESH	13722.19	50596.98	58	54.39	64431.56	127678.64	869355.4	14468.74	2895.96	1014398.74	141400.83	919952.38	14526.74	2950.35	1078830.3
17	MAHARASHTRA	13263.16	9051.25	5474.53	499.45	28288.39	113885.4	60565.34	21594.83	5024.35	201069.92	127148.56	69616.59	27069.36	5523.8	229358.31
18	NAGALAND	0	0	0	0	0	25	5.2	0	0	30.2	25	5.2	0	0	30.2
19	ODISHA	4138.39	3545.12	120.39	9.34	7813.24	22412.12	29196.91	1394.66	113.24	53116.93	26550.51	32742.03	1515.05	122.58	60930.17
20	PUDUCHERRY	0	0	0	0	0	1827.36	1752.89	219.25	301.03	4100.53	1827.36	1752.89	219.25	301.03	4100.53
21	PUNJAB	173825.23	124821.62	377.98	180.66	299205.49	877661.37	877201.16	22912.77	13831.72	1791607.02	1051486.6	1002022.78	23290.75	14012.38	2090812.51
22	RAJASTHAN	10639.49	23214.2	15	94.83	33963.52	53024.05	562174.82	244.46	14494.28	629937.61	63663.54	585389.02	259.46	14589.11	663901.13
23	TAMIL NADU	19965.73	17934.6	2192.51	790.37	40883.21	82793.47	65820.95	11373.38	1212.14	161199.94	102759.2	83755.55	13565.89	2002.51	202083.15
24	TELANGANA	47346.85	39911.32	913.27	7.75	88179.19	348110.95	256887.91	18024.5	3656.23	626679.59	395457.8	296799.23	18937.77	3663.98	714858.78
25	TRIPURA	0	0	0	0	0	2458.86	2107.5	0.16	228.21	4794.73	2458.86	2107.5	0.16	228.21	4794.73
26	UTTARAKHAND	18.11	20.11	1	1	40.22	18729.2	18618.65	1668.47	4133.91	43150.23	18747.31	18638.76	1669.47	4134.91	43190.45
27	UTTAR PRADESH	3273.64	3725.66	1333.45	1251.43	9584.18	576139.37	627146.85	285080.82	238968.94	1727335.98	579413.01	630872.51	286414.27	240220.37	1736920.16
28	WEST BENGAL	662.47	462.31	1	214.49	1340.27	86027.5	71064.9	2815.98	24744.64	184653.02	86689.97	71527.21	2816.98	24959.13	185993.29
Total :		408049.73	391573.32	23708.98	10795.11	834127.14	4360521.15	4998106.89	767006.52	661363.05	10786997.61	4768570.88	5389680.21	790715.5	672158.16	11621124.75

MINOR IRRIGATION CENSUS (2013-14)
Table.3.18A SEASON WISE POTENTIAL UTILISED (IN USE) THROUGH MEDIUM TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	22872.2	21317.1	5254.92	28.86	49473.08	112768.21	94144.06	43347.44	157.05	250416.76	135640.41	115461.16	48602.36	185.91	299889.84
2	ARUNACHAL PRADESH	0	0	0	0	0	1	1	0	0	2	1	1	0	0	2
3	ASSAM	0	0	0	0	0	207.9	127.7	0	0	335.6	207.9	127.7	0	0	335.6
4	BIHAR	2801.57	2446.05	272.06	138.66	5658.34	555095.2	456013.04	110538.46	138088.86	1259735.56	557896.77	458459.09	110810.52	138227.52	1265393.9
5	CHANDIGARH	0	0	0	0	0	11.09	11.09	0	0	22.18	11.09	11.09	0	0	22.18
6	CHHATISGARH	3870.23	672.73	0	2034.23	6577.19	187811.03	143071.28	231.69	2852.11	333966.11	191681.26	143744.01	231.69	4886.34	340543.3
7	DELHI	0	0	0	0	0	45	45	0	0	90	45	45	0	0	90
8	GOA	0	0	0	0	0	0	0	0.5	0	0.5	0	0	0.5	0	0.5
9	GUJARAT	48624.46	53487.26	6285.65	3611.86	112009.23	421540.92	385747.3	81699.46	119946.06	1008933.74	470165.38	439234.56	87985.11	123557.92	1120942.97
10	HARYANA	36673	36516	41	11	73241	244063.5	244216.2	1731	250	490260.7	280736.5	280732.2	1772	261	563501.7
11	HIMACHAL PRADESH	423.04	419.88	0	0	842.92	4599.36	5849.98	7.88	33.32	10490.54	5022.4	6269.86	7.88	33.32	11333.46
12	JAMMU & KASHMIR	1.01	1.01	0	0	2.02	943.19	61.88	0	0	1005.07	944.2	62.89	0	0	1007.09
13	JHARKHAND	48	0	0	0	48	612.61	405.2	14.17	38.51	1070.49	660.61	405.2	14.17	38.51	1118.49
14	KARNATAKA	5060.88	2912.85	1127.38	1619.49	10720.6	510706.97	220231.75	146912.36	88386.65	966237.73	515767.85	223144.6	148039.74	90006.14	976958.33
15	KERALA	229.51	262.28	226.17	10.06	728.02	119.8	153.82	678.13	62.07	1013.82	349.31	416.1	904.3	72.13	1741.84
16	MADHYA PRADESH	13720.59	50590.58	58	54.39	64423.56	127628.01	868881.76	14464.24	2895.83	1013869.84	141348.6	919472.34	14522.24	2950.22	1078293.4
17	MAHARASHTRA	13258.99	9046.48	5473.53	499.45	28278.45	113704.19	60406.86	21552.09	5021.28	200684.42	126963.18	69453.34	27025.62	5520.73	228962.87
18	NAGALAND	0	0	0	0	0	25	5.2	0	0	30.2	25	5.2	0	0	30.2
19	ODISHA	4112.58	3531.88	120.39	9.34	7774.19	22281.4	29092.24	1394.48	113.15	52881.27	26393.98	32624.12	1514.87	122.49	60655.46
20	PUDUCHERRY	0	0	0	0	0	1813.64	1739.17	218.93	300.25	4071.99	1813.64	1739.17	218.93	300.25	4071.99
21	PUNJAB	173825.23	124821.62	377.98	180.66	299205.49	877661.37	877201.16	22912.77	13831.72	1791607.02	1051486.6	1002022.78	23290.75	14012.38	2090812.51
22	RAJASTHAN	10625.74	22589.84	15	94.83	33325.41	53016.22	562009.12	243.89	14486.71	629755.94	63641.96	584598.96	258.89	14581.54	663081.35
23	TAMIL NADU	19939.92	17907.89	2185.09	790.37	40823.27	80961.36	65339.44	11311.27	1211.19	158823.26	100901.28	83247.33	13496.36	2001.56	199646.53
24	TELANGANA	47303.02	39803.1	909.58	7.75	88023.45	344782.49	255928.42	17991.98	3564.54	622267.43	392085.51	295731.52	18901.56	3572.29	710290.88
25	TRIPURA	0	0	0	0	0	2358.8	2031.67	0.16	228.21	4618.84	2358.8	2031.67	0.16	228.21	4618.84
26	UTTARAKHAND	18.11	20.11	1	1	40.22	18729.2	18618.65	1668.47	4133.91	43150.23	18747.31	18638.76	1669.47	4134.91	43190.45
27	UTTAR PRADESH	3255.07	3613.66	1329.95	1179.08	9377.76	575425.14	626013.49	284625.69	238477.34	1724541.66	578680.21	629627.15	285955.64	239656.42	1733919.42
28	WEST BENGAL	661.97	462.01	1	214.49	1339.47	85453.71	70601.54	2795.12	24630.44	183480.81	86115.68	71063.55	2796.12	24844.93	184820.28
Total :		407325.12	390422.33	23678.7	10485.52	831911.67	4342366.31	4987948.02	764340.18	658709.2	10753363.71	4749691.43	5378370.35	788018.88	669194.72	11585275.38

MINOR IRRIGATION CENSUS (2013-14)
Table.3.18B SEASON WISE POTENTIAL UTILISED (TEMPORARY NOT IN USE) THROUGH MEDIUM TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	249.68	179.2	7.57	0.4	436.85	537.44	346.56	189.8	1.01	1074.81	787.12	525.76	197.37	1.41	1511.66
2	BIHAR	37.5	27.5	5	4.2	74.2	2295.26	1796.36	348.36	439.88	4879.86	2332.76	1823.86	353.36	444.08	4954.06
3	CHHATISGARH	0	0	0	0	0	63.55	68.53	0	3	135.08	63.55	68.53	0	3	135.08
4	GUJARAT	32	32.66	0	0	64.66	3190.74	1890.19	979.52	818.89	6879.34	3222.74	1922.85	979.52	818.89	6944
5	HARYANA	3	3	0	0	6	33	32	1	0	66	36	35	1	0	72
6	JHARKHAND	0	0	0	0	0	7.5	0	0	0	7.5	7.5	0	0	0	7.5
7	KARNATAKA	267.89	12.13	1.1	232.64	513.76	5092.85	1993.82	526.8	680.99	8294.46	5360.74	2005.95	527.9	913.63	8808.22
8	KERALA	0.5	0.5	1	0	2	1.74	1.65	1.93	0	5.32	2.24	2.15	2.93	0	7.32
9	MADHYA PRADESH	1.6	6.4	0	0	8	50.63	473.64	4.5	0.13	528.9	52.23	480.04	4.5	0.13	536.9
10	MAHARASHTRA	4.17	4.77	1	0	9.94	181.21	158.48	42.74	3.07	385.5	185.38	163.25	43.74	3.07	395.44
11	ODISHA	25.81	13.24	0	0	39.05	130.72	104.67	0.18	0.09	235.66	156.53	117.91	0.18	0.09	274.71
12	PUDUCHERRY	0	0	0	0	0	13.72	13.72	0.32	0.78	28.54	13.72	13.72	0.32	0.78	28.54
13	RAJASTHAN	13.75	624.36	0	0	638.11	7.83	165.7	0.57	7.57	181.67	21.58	790.06	0.57	7.57	819.78
14	TAMIL NADU	25.81	26.71	7.42	0	59.94	1832.11	481.51	62.11	0.95	2376.68	1857.92	508.22	69.53	0.95	2436.62
15	TELANGANA	43.83	108.22	3.69	0	155.74	3328.46	959.49	32.52	91.69	4412.16	3372.29	1067.71	36.21	91.69	4567.9
16	TRIPURA	0	0	0	0	0	100.06	75.83	0	0	175.89	100.06	75.83	0	0	175.89
17	UTTAR PRADESH	18.57	112	3.5	72.35	206.42	714.23	1133.36	455.13	491.6	2794.32	732.8	1245.36	458.63	563.95	3000.74
18	WEST BENGAL	0.5	0.3	0	0	0.8	573.79	463.36	20.86	114.2	1172.21	574.29	463.66	20.86	114.2	1173.01
Total :		724.61	1150.99	30.28	309.59	2215.47	18154.84	10158.87	2666.34	2653.85	33633.9	18879.45	11309.86	2696.62	2963.44	35849.37

MINOR IRRIGATION CENSUS (2013-14)

Table.3.19 DISTRIBUTION OF MEDIUM TUBEWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No.	State	No. of Medium tubewell in use	No.of Medium tubewells without constraints	No. of Medium Tubewells Having Constraints in utillsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Maintenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDHRA PRADESH	201408	167486	2603	1014	23057	61	223	6964	33922
2	ARUNACHAL PRADESH	1	1	0	0	0	0	0	0	0
3	ASSAM	19	19	0	0	0	0	0	0	0
4	BIHAR	245069	220263	1441	2246	230	642	215	20032	24806
5	CHANDIGARH	5	4	0	0	0	0	0	1	1
6	CHHATISGARH	117980	63001	48249	932	52	18	23	5705	54979
7	DELHI	22	22	0	0	0	0	0	0	0
8	GOA	1	1	0	0	0	0	0	0	0
9	GUJARAT	168946	166341	1027	19	1	0	1524	34	2605
10	HARYANA	51953	51798	72	81	0	1	0	1	155
11	HIMACHAL PRADESH	2123	1979	16	89	10	0	2	27	144
12	JAMMU & KASHMIR	116	113	3	0	0	0	0	0	3
13	JHARKHAND	737	484	4	6	193	10	7	33	253
14	KARNATAKA	484053	372413	70358	4719	33898	747	513	1405	111640
15	KERALA	1929	1924	0	3	1	0	0	1	5
16	MADHYA PRADESH	268594	259418	3553	245	3532	61	541	1244	9176
17	MAHARASHTRA	130826	51966	16428	987	25777	41	1807	33820	78860
18	NAGALAND	13	13	0	0	0	0	0	0	0
19	ODISHA	22584	7343	2301	700	2640	657	425	8518	15241
20	PUDUCHERRY	1732	1371	0	5	131	0	205	20	361
21	PUNJAB	384707	382195	1182	615	535	3	1	176	2512
22	RAJASTHAN	137057	96974	6872	1151	16673	642	407	14338	40083
23	TAMIL NADU	70634	67720	770	332	902	110	283	517	2914
24	TELANGANA	540899	375352	32294	4916	98921	4130	413	24873	165547
25	TRIPURA	1880	1839	0	5	0	0	34	2	41
26	UTTARAKHAND	5491	5266	0	4	3	31	183	4	225
27	UTTAR PRADESH	249094	229387	5873	1048	291	78	4176	8241	19707
28	WEST BENGAL	21829	17788	1724	344	121	1022	73	757	4041
Total :		3109702	2542481	194770	19461	206968	8254	11055	126713	567221

DEEP TUBEWELLS TABLES

MINOR IRRIGATION CENSUS (2013-14)

Table.4.1 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDHRA PRADESH	146	40	71	77	334	3460	374156	377616	377950
2	ARUNACHAL PRADESH	25	0	2	0	27	0	0	0	27
3	ASSAM	601	1	0	3	605	15	3	18	623
4	BIHAR	342	22	57	56	477	149	12161	12310	12787
5	CHANDIGARH	29	0	0	0	29	0	1	1	30
6	CHHATISGARH	175	28	84	20	307	122	74666	74788	75095
7	DELHI	1	3	0	0	4	1	4539	4540	4544
8	GOA	4	0	0	0	4	3	6	9	13
9	GUJARAT	190	16	56	7	269	19	29405	29424	29693
10	HARYANA	158	1797	1348	528	3831	189080	14991	204071	207902
11	HIMACHAL PRADESH	556	2	3	3	564	18	439	457	1021
12	JAMMU & KASHMIR	3	0	0	0	3	2	66	68	71
13	JHARKHAND	150	14	15	6	185	5	227	232	417
14	KARNATAKA	67	25	72	458	622	50	118091	118141	118763
15	KERALA	2	5	10	18	35	23	1710	1733	1768
16	MADHYA PRADESH	413	77	146	196	832	8179	157620	165799	166631
17	MAHARASHTRA	273	68	250	47	638	24845	105895	130740	131378
18	MEGHALAYA	1	0	0	0	1	0	0	0	1
19	ODISHA	2688	14	17	19	2738	75	8339	8414	11152
20	PUDUCHERRY	13	0	0	23	36	8	1298	1306	1342
21	PUNJAB	711	205	737	481	2134	6030	477215	483245	485379
22	RAJASTHAN	303	17	116	570	1006	209082	186085	395167	396173
23	TAMIL NADU	1217	826	834	1412	4289	35029	184660	219689	223978
24	TELANGANA	458	44	179	92	773	2027	267834	269861	270634

MINOR IRRIGATION CENSUS (2013-14)

Table.4.1 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
25	TRIPURA	209	0	1	0	210	0	0	0	210
26	UTTARAKHAND	787	6	76	13	882	7	260	267	1149
27	UTTAR PRADESH	10762	297	38	34	11131	220	75898	76118	87249
28	WEST BENGAL	5088	428	364	948	6828	1047	4937	5984	12812
	Total	25372	3935	4476	5011	38794	479496	2100502	2579998	2618792

MINOR IRRIGATION CENSUS (2013-14)

Table.4.2 DISTRIBUTION OF DEEP TUBEWELLLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Deep Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDHRA PRADESH	20529	9885	118995	224747	374156	3794	377950
2	ARUNACHAL PRADESH	0	0	0	0	0	27	27
3	ASSAM	0	0	1	2	3	620	623
4	BIHAR	670	486	6341	4664	12161	626	12787
5	CHANDIGARH	0	0	0	1	1	29	30
6	CHHATISGARH	9389	9883	48682	6712	74666	429	75095
7	DELHI	33	16	2084	2406	4539	5	4544
8	GOA	0	1	2	3	6	7	13
9	GUJARAT	5117	60	3605	20623	29405	288	29693
10	HARYANA	563	60	1012	13356	14991	192911	207902
11	HIMACHAL PRADESH	26	40	152	221	439	582	1021
12	JAMMU & KASHMIR	1	1	4	60	66	5	71
13	JHARKHAND	49	67	98	13	227	190	417
14	KARNATAKA	11167	10307	31177	65440	118091	672	118763
15	KERALA	28	12	868	802	1710	58	1768
16	MADHYA PRADESH	11977	10018	90136	45489	157620	9011	166631
17	MAHARASHTRA	6931	4992	27627	66345	105895	25483	131378
18	MEGHALAYA	0	0	0	0	0	1	1
19	ODISHA	1138	1281	4738	1182	8339	2813	11152
20	PUDUCHERRY	83	5	938	272	1298	44	1342
21	PUNJAB	8308	861	12435	455611	477215	8164	485379
22	RAJASTHAN	20877	15142	114533	35533	186085	210088	396173

MINOR IRRIGATION CENSUS (2013-14)

Table.4.2 DISTRIBUTION OF DEEP TUBEWELLLS ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Deep Tubewells owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
23	TAMIL NADU	9277	1286	155830	18267	184660	39318	223978
24	TELANGANA	26888	28225	147200	65521	267834	2800	270634
25	TRIPURA	0	0	0	0	0	210	210
26	UTTARAKHAND	10	18	18	214	260	889	1149
27	UTTAR PRADESH	6517	1999	43169	24213	75898	11351	87249
28	WEST BENGAL	722	148	341	3726	4937	7875	12812
	Total	140300	94793	809986	1055423	2100502	518290	2618792

MINOR IRRIGATION CENSUS (2013-14)

Table.4.3 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Deep Tubewells by size class of owned					
		Marginal (0-1 ha)	Small(1-2ha)	Semi Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10 ha)	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	118817	143620	88555	21069	2095	374156
2	ASSAM	1	0	1	1	0	3
3	BIHAR	2139	4983	3452	1165	422	12161
4	CHANDIGARH	0	0	1	0	0	1
5	CHHATISGARH	15279	24573	20781	11638	2395	74666
6	DELHI	1178	1952	1135	234	40	4539
7	GOA	3	1	2	0	0	6
8	GUJARAT	12839	7541	6248	2399	378	29405
9	HARYANA	18	1913	5116	7612	332	14991
10	HIMACHAL PRADESH	132	145	96	58	8	439
11	JAMMU & KASHMIR	45	16	5	0	0	66
12	JHARKHAND	36	61	92	8	30	227
13	KARNATAKA	43887	39414	23317	9133	2340	118091
14	KERALA	1019	472	177	32	10	1710
15	MADHYA PRADESH	16357	35428	58167	42931	4737	157620
16	MAHARASHTRA	34277	39019	23511	7690	1398	105895
17	ODISHA	1051	2320	3723	1075	170	8339
18	PUDUCHERRY	540	415	288	51	4	1298
19	PUNJAB	13429	59952	194258	171078	38498	477215
20	RAJASTHAN	10920	26518	48643	69169	30835	186085
21	TAMIL NADU	73497	54534	37071	9274	10284	184660
22	TELANGANA	120596	96922	41278	8058	980	267834
23	UTTARAKHAND	31	64	95	58	12	260
24	UTTAR PRADESH	14291	22367	26329	9850	3061	75898
25	WEST BENGAL	2448	1565	483	255	186	4937
Total		482830	563795	582824	372838	98215	2100502

MINOR IRRIGATION CENSUS (2013-14)

Table.4.4 DISTRIBUTION OF DEEP TUBEWELLS AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No.	State	Number and Cost of Construction Over The Years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDHRA PRADESH	165169	11951548	48743	3154266	40609	2715712	37234	2310223	25273	1590480	23452	1820973	21018	1371553	16452	1198134	377950	26112889
2	ARUNACHAL PRADESH	3	3470	0	0	1	2000	1	1500	1	1900	2	4000	3	5800	16	28603	27	47273
3	ASSAM	463	512768	17	19303	12	6068	34	36893	28	50878	47	43678	8	6427	14	15100	623	691115
4	BIHAR	4574	212327	1777	61768	1245	56597	1486	50337	1302	44506	918	33010	687	31472	798	34334	12787	524351
5	CHANDIGARH	29	26500	0	0	1	2000	0	0	0	0	0	0	0	0	0	0	30	28500
6	CHHATISGARH	22734	1142825	8801	408396	9637	500403	9406	527244	8679	477644	7597	376746	5440	302558	2801	159284	75095	3895100
7	DELHI	3047	144943	302	18657	637	34287	517	37492	15	1102	8	389	8	254	10	467	4544	237591
8	GOA	8	530	3	220	1	20	0	0	1	90	0	0	0	0	0	0	13	860
9	GUJARAT	7419	1959891	1722	399985	1481	303888	15718	11394080	1163	256571	872	181239	724	145082	594	111597	29693	14752333
10	HARYANA	165083	82069303	11585	5131455	10560	4043166	6891	3248336	4313	2341535	3759	2044672	2464	1521362	3247	1286418	207902	101686247
11	HIMACHAL PRADESH	576	833845	122	108138	87	140133	63	74704	36	36987	72	134811	44	53197	21	27440	1021	1409255
12	JAMMU & KASHMIR	6	11270	0	0	3	340	8	1600	8	1000	16	2130	25	3970	5	970	71	21280
13	JHARKHAND	110	136267	110	37172	43	16605	46	3545	28	3823	24	1840	19	2264	37	5469	417	206985
14	KARNATAKA	33624	3623258	19105	2267276	17806	2652767	16473	1714536	10435	2154550	7227	972488	6278	662529	7815	2859420	118763	16906824
15	KERALA	864	47702	239	15289	121	6202	80	5150	97	6667	106	8543	144	11569	117	7999	1768	109121
16	MADHYA PRADESH	71581	7187608	24806	2153946	21137	1945114	19264	1520725	10868	922881	9116	743616	5984	520685	3875	330097	166631	15324672
17	MAHARASHTRA	46384	1837570	14531	1028266	6234	1637041	4795	1420785	4330	229066	3115	221514	3731	1073716	48258	160469	131378	7608427
18	MEGHALAYA	1	250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	250
19	ODISHA	4095	469567	705	67230	452	44636	694	64729	768	71638	1203	135668	1505	161921	1730	167973	11152	1183362
20	PUDUCHERRY	1201	146705	73	10998	14	1520	13	1587	8	1011	6	740	10	1966	17	2335	1342	166862
21	PUNJAB	305139	86822832	87136	18789081	35699	8561081	23077	4159631	13549	3229373	9012	1808431	6523	1018102	5244	1942635	485379	126331166
22	RAJASTHAN	182433	24026227	56774	7577345	49583	7135788	41462	6536055	26455	4887407	18949	4037092	12986	3124864	7531	2183803	396173	59508581
23	TAMIL NADU	146740	22723625	20781	2273674	13396	2206205	11888	1209698	9414	1267567	7697	1151783	6962	822790	7100	1234046	223978	32889388
24	TELANGANA	117593	4934148	42824	1872368	30734	1291169	24699	1054755	20130	755326	14582	555390	9503	401110	10569	491592	270634	11355858
25	TRIPURA	144	231668	4	7776	2	3900	7	14692	12	26739	10	22963	21	48300	10	23197	210	379235
26	UTTARAKHAND	754	843358	98	255346	43	147117	40	87245	46	92533	59	171065	35	113136	74	211569	1149	1921369
27	UTTAR PRADESH	38841	37472549	11221	3670792	8594	2375196	8528	2186980	7658	2057678	5362	1947981	4130	1374181	2915	940675	87249	52026032
28	WEST BENGAL	8420	56856370	1718	4921085	461	201613	428	194110	845	1457447	272	688144	279	267947	389	178721	12812	64765437
	Total	1327035	346228924	353197	54249832	248593	36030568	222852	37856632	145462	21966399	113483	17108906	88531	13046755	119639	13602347	2618792	540090363

MINOR IRRIGATION CENSUS (2013-14)

Table.4.5 DISTRIBUTION OF DEEP TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Deep Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	66461	237628	63185	3420	7256	377950
2	ARUNACHAL PRADESH	27	0	0	0	0	27
3	ASSAM	401	37	26	12	147	623
4	BIHAR	6830	4595	1329	30	3	12787
5	CHANDIGARH	0	0	1	0	29	30
6	CHHATISGARH	46740	26362	1947	21	25	75095
7	DELHI	754	3417	363	9	1	4544
8	GOA	5	8	0	0	0	13
9	GUJARAT	159	4574	13196	3884	7880	29693
10	HARYANA	19371	146485	35611	5278	1157	207902
11	HIMACHAL PRADESH	711	48	135	79	48	1021
12	JAMMU & KASHMIR	24	23	24	0	0	71
13	JHARKHAND	404	12	1	0	0	417
14	KARNATAKA	26906	53563	33732	3477	1085	118763
15	KERALA	906	842	19	0	1	1768
16	MADHYA PRADESH	45464	92079	28548	483	57	166631
17	MAHARASHTRA	111279	9953	10029	66	51	131378

MINOR IRRIGATION CENSUS (2013-14)

Table.4.5 DISTRIBUTION OF DEEP TUBEWELLS BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Deep Tubewells according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18	MEGHALAYA	1	0	0	0	0	1
19	ODISHA	6760	3550	783	58	1	11152
20	PUDUCHERRY	77	1032	226	5	2	1342
21	PUNJAB	159805	305284	17976	1660	654	485379
22	RAJASTHAN	56801	177065	145034	14624	2649	396173
23	TAMIL NADU	33953	124131	58890	5604	1400	223978
24	TELANGANA	30902	217842	20899	849	142	270634
25	TRIPURA	4	25	180	1	0	210
26	UTTARAKHAND	514	113	69	54	399	1149
27	UTTAR PRADESH	27682	43768	13403	1672	724	87249
28	WEST BENGAL	1171	4333	3323	1664	2321	12812
	Total	644112	1456769	448929	42950	26032	2618792

MINOR IRRIGATION CENSUS (2013-14)

Table.4.6 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO MAJOR SOURCE (UNDER INDIVIDUAL OWNERSHIP) OF FINANCE

(In Nos.)

Sl. No.	State	With one source of Finance						With two Sources of finance								Grand Total (8+16)
		Bank loan	Govt. Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	5407	319	151066	8654	1365	166811	18637	762	114030	433	1450	132	71901	207345	374156
2	ASSAM	0	2	1	0	0	3	0	0	0	0	0	0	0	0	3
3	BIHAR	98	214	4208	116	207	4843	146	292	330	150	15	12	6373	7318	12161
4	CHANDIGARH	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
5	CHHATISGARH	935	2032	30276	52	498	33793	19287	847	23	738	72	73	19833	40873	74666
6	DELHI	10	0	4394	0	107	4511	3	0	2	0	0	0	23	28	4539
7	GOA	0	1	4	0	1	6	0	0	0	0	0	0	0	0	6
8	GUJARAT	2748	27	18419	1	7960	29155	142	1	0	1	0	0	106	250	29405
9	HARYANA	89	7	3223	28	164	3511	1281	6	921	64	3	1	9204	11480	14991
10	HIMACHAL PRADESH	52	21	204	0	1	278	104	5	0	3	0	0	49	161	439
11	JAMMU & KASHMIR	0	0	42	0	2	44	0	3	0	0	0	0	19	22	66
12	JHARKHAND	0	106	20	0	1	127	1	1	0	46	0	1	51	100	227
13	KARNATAKA	17924	711	53903	1979	4587	79104	21376	822	4073	909	1612	74	10121	38987	118091
14	KERALA	47	11	1240	16	20	1334	182	117	7	8	0	0	62	376	1710
15	MADHYA PRADESH	6686	4521	115798	2050	2337	131392	1208	180	3085	1172	21	2	20560	26228	157620
16	MAHARASHTRA	15828	2449	71877	174	557	90885	5970	31	8	354	26	1	8620	15010	105895
17	ODISHA	134	1044	2823	3	11	4015	695	3140	220	34	8	72	155	4324	8339
18	PUDUCHERRY	174	20	1042	4	13	1253	3	0	1	2	0	0	39	45	1298
19	PUNJAB	1671	1615	285971	51140	9352	349749	2178	1381	105953	251	698	177	16828	127466	477215
20	RAJASTHAN	8213	168	53067	900	1027	63375	88474	279	7188	3043	10653	3	13070	122710	186085
21	TAMIL NADU	5316	824	130197	1082	1774	139193	10356	1273	12655	619	292	33	20239	45467	184660
22	TELANGANA	6155	913	114378	9095	1284	131825	11670	575	75703	720	7047	293	40001	136009	267834
23	UTTARAKHAND	3	0	176	0	2	181	36	5	5	3	0	0	30	79	260
24	UTTAR PRADESH	814	1404	51227	686	315	54446	8375	6052	1696	657	106	36	4530	21452	75898
25	WEST BENGAL	558	118	2800	50	115	3641	521	29	45	164	27	4	506	1296	4937
	Total	72862	16527	1096356	76030	31700	1293475	190645	15801	325945	9371	22030	914	242321	807027	2100502

MINOR IRRIGATION CENSUS (2013-14)
Table.4.7 DISTRIBUTION OF DEEP TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Deep Tubewells in use	Deep Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDHRA PRADESH	336015	26704	15231	41935	377,950
2	ARUNACHAL PRADESH	27	0	0	0	27
3	ASSAM	320	226	77	303	623
4	BIHAR	12553	223	11	234	12,787
5	CHANDIGARH	30	0	0	0	30
6	CHHATISGARH	75068	20	7	27	75,095
7	DELHI	4543	1	0	1	4,544
8	GOA	13	0	0	0	13
9	GUJARAT	29623	13	57	70	29,693
10	HARYANA	207883	19	0	19	207,902
11	HIMACHAL PRADESH	1017	0	4	4	1,021
12	JAMMU & KASHMIR	69	1	1	2	71
13	JHARKHAND	276	140	1	141	417
14	KARNATAKA	117488	806	469	1275	118,763
15	KERALA	1764	4	0	4	1,768
16	MADHYA PRADESH	166226	126	279	405	166,631
17	MAHARASHTRA	130097	1186	95	1281	131,378
18	MEGHALAYA	0	0	1	1	1
19	ODISHA	8142	2307	703	3010	11,152
20	PUDUCHERRY	1249	18	75	93	1,342
21	PUNJAB	485375	3	1	4	485,379
22	RAJASTHAN	392151	3080	942	4022	396,173

MINOR IRRIGATION CENSUS (2013-14)

Table.4.7 DISTRIBUTION OF DEEP TUBEWELLS BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Deep Tubewells in use	Deep Tubewells not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
23	TAMIL NADU	209064	11403	3511	14914	223,978
24	TELANGANA	250313	14036	6285	20321	270,634
25	TRIPURA	204	3	3	6	210
26	UTTARAKHAND	1145	2	2	4	1,149
27	UTTAR PRADESH	86928	259	62	321	87,249
28	WEST BENGAL	12250	175	387	562	12,812
	Total	2529833	60755	28204	88959	2618792

MINOR IRRIGATION CENSUS (2013-14)
Table.4.8 DISTRIBUTION OF DEEP TUBEWELLS TEMPORARILY NOT IN USE BY REASONS

(In Nos./In ha)

Sl. No.	State	Non Availability of Adequate Power/Fuel		Mechanical Break Down		Less discharge of Water		Non - Availability of Finance		Lack of Maintenance		Others		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	1073	713.02	1527	1557.17	23387	29199.51	137	142.41	289	166.07	291	433.69	26704	32211.87
2	ASSAM	6	275	152	5694.9	4	320	2	20	0	0	62	2417.5	226	8727.4
3	BIHAR	17	41	137	217.5	38	71.3	7	44	4	5	20	25	223	403.8
4	CHHATISGARH	14	0.69	2	0	0	0	0	0	2	0	2	0	20	0.69
5	DELHI	0	0	0	0	0	0	0	0	0	0	1	0	1	0
6	GUJARAT	2	1	0	0	0	0	4	11	0	0	7	12.33	13	24.33
7	HARYANA	11	0	1	0	2	0	0	0	0	0	5	0	19	0
8	JAMMU & KASHMIR	0	0	1	0	0	0	0	0	0	0	0	0	1	0
9	JHARKHAND	0	0	1	0	138	0	0	0	0	0	1	0.4	140	0.4
10	KARNATAKA	44	9.46	58	0.41	488	430.05	8	0	5	0.02	203	2.08	806	442.02
11	KERALA	0	0	1	0.04	3	0.33	0	0	0	0	0	0	4	0.37
12	MADHYA PRADESH	27	30.65	14	2.38	31	44.63	2	1	3	0	49	64.53	126	143.19
13	MAHARASHTRA	90	3.89	12	1.3	701	19.43	4	0.74	7	3.08	372	12.94	1186	41.38
14	ODISHA	466	2553.55	706	9309.35	431	6041.03	99	1583.72	113	1934.74	492	5275.86	2307	26698.25
15	PUDUCHERRY	1	0	5	0	1	0	2	0	0	0	9	0	18	0
16	PUNJAB	0	0	0	0	1	0	1	2.4	0	0	1	0	3	2.4
17	RAJASTHAN	15	34.87	90	367.12	691	2514.1	39	318.14	6	46.8	2239	8411.17	3080	11692.2
18	TAMIL NADU	2733	3007.48	808	588.47	6391	7222.38	186	155.09	202	181.88	1083	1053.57	11403	12208.87
19	TELANGANA	1335	656.96	1487	1238.08	9704	8659.44	696	524.66	70	95.83	744	986	14036	12160.97
20	TRIPURA	0	0	0	0	2	0	0	0	0	0	1	6	3	6
21	UTTARAKHAND	0	0	1	30	0	0	0	0	0	0	1	8	2	38
22	UTTAR PRADESH	40	259.5	130	1167.92	29	92.56	7	23	9	19.13	44	107.21	259	1669.32
23	WEST BENGAL	46	427.42	37	369.74	9	103.13	8	191.87	7	107	68	94.95	175	1294.11
	Total	5920	8014.49	5170	20544.38	42051	54717.89	1202	3018.03	717	2559.55	5695	18911.23	60755	107765.57

MINOR IRRIGATION CENSUS (2013-14)
Table.4.9 DISTRIBUTION OF DEEP TUBEWELLS PERMANENTLY NOT IN USE BY REASONS

(In Nos./ In ha)

Sl. No.	State	Salinity		Dried up		Destroyed beyond repair		Sea water intrusion		Industrial effluents		Availability of Major/Medium Irrigation Projects		Other reasons		Total	
		No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL	No.	PL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	1171	1056.76	11563	11440.47	1542	1859.57	346	286.76	244	292.08	93	82.75	272	394.14	15231	15412.53
2	ASSAM	0	0	12	0	21	39	3	0	0	0	0	0	41	1053	77	1092
3	BIHAR	0	0	6	62.65	4	24	0	0	0	0	0	0	1	0	11	86.65
4	CHHATISGARH	0	0	2	7.6	2	2.63	0	0	0	0	0	0	3	1	7	11.23
5	GUJARAT	2	12.23	2	1	7	14.2	1	4.4	0	0	0	0	45	100	57	131.83
6	HIMACHAL PRADESH	0	0	1	0	0	0	0	0	0	0	0	0	3	54	4	54
7	JAMMU & KASHMIR	0	0	0	0	0	0	0	0	0	0	0	0	1	2.27	1	2.27
8	JHARKHAND	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0
9	KARNATAKA	62	43.63	224	237.15	14	11.76	1	1.6	3	0.97	0	0	165	47.46	469	342.57
10	MADHYA PRADESH	5	13.19	57	41.07	15	8	0	0	1	0	65	0	136	18.4	279	80.66
11	MAHARASHTRA	20	15.1	21	18.41	9	1.62	4	6.74	0	0	0	0	41	29.76	95	71.63
12	MEGHALAYA	0	0	0	0	1	67	0	0	0	0	0	0	0	0	1	67
13	ODISHA	22	477.97	101	2031.04	422	6999.75	10	61.61	9	167.26	3	70	136	4836.82	703	14644.45
14	PUDUCHERRY	6	0	4	1.02	30	2.74	1	1.6	0	0	0	0	34	25.96	75	31.32
15	PUNJAB	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0
16	RAJASTHAN	45	243.03	677	3332.89	106	574.42	0	0	2	5.05	11	25.99	101	400.37	942	4581.75
17	TAMIL NADU	580	1066.43	1650	1324.7	708	970.36	35	54.49	38	96.1	12	8.68	488	681.25	3511	4202.01
18	TELANGANA	309	349.8	4461	3856.74	1330	1911.67	26	28.74	29	41.46	28	39.21	102	157.2	6285	6384.82
19	TRIPURA	0	0	1	40	1	0	0	0	0	0	1	46	0	0	3	86
20	UTTARAKHAND	0	0	1	9	0	0	0	0	0	0	0	0	1	14	2	23
21	UTTAR PRADESH	5	0	13	22	26	259	0	0	0	0	0	0	18	8	62	289
22	WEST BENGAL	8	147.04	17	881.53	328	1329.5	2	10	0	0	4	70	28	440.61	387	2878.68
	Total	2235	3425.18	18814	23307.27	4567	14075.22	429	455.94	326	602.92	217	342.63	1616	8264.24	28204	50473.4

MINOR IRRIGATION CENSUS (2013-14)

Table.4.10 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In No./ Area in ha.)

Sl. No.	State	Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	37783	86033.32	104482	223580.82	50259	94662.49	66777	144509.24	61014	98219.83	14749	20957.27	951	3015.91	336015	670978.88
2	ARUNACHAL PRADESH	23	70	0	0	0	0	2	8	0	0	0	0	2	2	27	80
3	ASSAM	98	1648.8	116	2456.78	79	1343.3	18	233.5	0	0	3	150	6	265	320	6097.38
4	BIHAR	176	1313.95	582	4908.06	305	1706.65	11249	94462.62	25	132	31	109	185	1194.5	12553	103826.78
5	CHANDIGARH	3	109.66	0	0	27	1700	0	0	0	0	0	0	0	0	30	1809.66
6	CHHATISGARH	3413	9906.95	23330	60709.09	1281	3850.65	35809	111273.72	208	851.42	8756	29636.27	2271	5555.72	75068	221783.82
7	DELHI	403	1484.75	3846	12441.19	106	131.26	140	262.31	3	3.12	45	66.78	0	0	4543	14389.41
8	GOA	0	0	2	2.16	0	0	6	1.46	1	2	3	2.2	1	0.15	13	7.97
9	GUJARAT	136	1264.96	5645	66197.9	2158	12373.32	15092	143878.35	4832	29368.24	1746	9314.26	14	23.1	29623	262420.13
10	HARYANA	6355	51728.3	92164	741319.83	86542	821726.21	2345	23981	63	494	19745	240297.16	669	10361.25	207883	1889907.75
11	HIMACHAL PRADESH	135	4118.91	468	7441.98	320	10297.14	90	665.49	0	0	0	0	4	39.8	1017	22563.32
12	JAMMU & KASHMIR	0	0	12	23.26	1	0.91	56	160.49	0	0	0	0	0	0	69	184.66
13	JHARKHAND	10	11.45	240	456.97	1	0.6	15	37.23	1	1.4	0	0	9	5	276	512.65
14	KARNATAKA	12187	33934.73	5087	9621.12	71408	190204.32	7390	13983.68	17485	28434.28	1243	2761.55	2688	6145.98	117488	285085.66
15	KERALA	324	464.31	325	608.65	393	347.33	516	521.4	56	66.93	130	118.61	20	35.19	1764	2162.42
16	MADHYA PRADESH	2231	7190.33	19527	61590.33	32292	119873.2	107198	488028.2	1880	6189.05	2801	11394.9	297	1144.52	166226	695410.53
17	MAHARASHTRA	10760	23452.56	29933	51929.66	68457	136235.68	9467	18507.32	9249	17398.1	1008	1255.71	1223	7743.77	130097	256522.8
18	ODISHA	277	1757.86	3209	11031.76	590	5747.19	3954	9471.99	21	44.86	7	3.04	84	132.03	8142	28188.73
19	PUDUCHERRY	588	1529.3	237	676.26	365	1084.17	53	190.88	5	35.75	1	4.88	0	0	1249	3521.24
20	PUNJAB	45445	416691	430482	2514901.19	8996	76113.11	191	1114.71	57	285.26	25	91.96	179	1013.14	485375	3010210.37
21	RAJASTHAN	7041	40265.67	33206	174343.48	51010	283361.64	88856	601125.4	3226	19957.84	208575	1699907.01	237	1232.32	392151	2820193.36
22	TAMIL NADU	49454	98955.74	90209	218503.04	43171	154034.45	8170	23912.73	14366	36939.63	424	430.84	3270	4487.67	209064	537264.1
23	TELANGANA	49480	67721.47	61489	77839.07	58903	75523.91	72491	88402.44	6093	8104.13	722	492.33	1135	1456.32	250313	319539.67
24	TRIPURA	5	138	7	226	192	6640.6	0	0	0	0	0	0	0	0	204	7004.6
25	UTTARAKHAND	530	33932.22	541	25906.34	74	6679.2	0	0	0	0	0	0	0	0	1145	66517.76
26	UTTAR PRADESH	12490	277616.54	44542	425275.25	2454	61832.15	26145	353274.79	303	4458.01	435	4128.42	559	7129.45	86928	1133714.61
27	WEST BENGAL	4398	139467.16	6312	123513.31	781	25512.16	672	5985.64	8	38.59	4	159.79	75	1441.68	12250	296118.33
	Total	243745	1300807.94	955993	4815503.5	480165	2090981.64	456702	2123992.59	118896	251024.44	260453	2021281.98	13879	52424.5	2529833	12656016.59

MINOR IRRIGATION CENSUS (2013-14)

Table.4.11 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO LIFTING DEVICES

(In Nos.)

Sl.No		With One lifting Device						With two lifting Device					Grand Total (8+13)
		Submersible State	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	ANDHRA PRADESH	345218	8806	104	0	511	354639	3090	35	573	4382	8080	362719
2	ARUNACHAL PRADESH	23	4	0	0	0	27	0	0	0	0	0	27
3	ASSAM	299	234	2	0	2	537	2	0	0	5	7	544
4	BIHAR	1319	8126	120	0	2022	11587	362	18	25	703	1108	12695
5	CHANDIGARH	29	1	0	0	0	30	0	0	0	0	0	30
6	CHHATISGARH	67109	5472	100	0	2060	74741	320	0	0	25	345	75086
7	DELHI	309	4231	0	0	1	4541	1	0	0	1	2	4543
8	GOA	5	8	0	0	0	13	0	0	0	0	0	13
9	GUJARAT	29549	32	22	0	0	29603	33	0	0	0	33	29636
10	HARYANA	179079	1299	31	0	26566	206975	35	2	0	890	927	207902
11	HIMACHAL PRADESH	889	14	2	0	90	995	3	2	0	17	22	1017
12	JAMMU & KASHMIR	56	12	1	0	0	69	0	0	0	0	0	69
13	JHARKHAND	231	123	1	0	51	406	0	0	0	10	10	416
14	KARNATAKA	112644	2562	511	0	1051	116768	837	43	0	642	1522	118290
15	KERALA	1054	661	5	0	22	1742	20	0	0	6	26	1768
16	MADHYA PRADESH	143302	15918	103	0	2361	161684	1562	69	96	2936	4663	166347
17	MAHARASHTRA	109341	20834	323	0	718	131216	21	13	1	21	56	131272
18	ODISHA	7547	2574	40	0	64	10225	49	2	1	115	167	10392
19	PUDUCHERRY	1265	0	0	0	0	1265	0	0	0	0	0	1265
20	PUNJAB	447619	18291	60	0	530	466500	488	13	0	18377	18878	485378
21	RAJASTHAN	387743	5939	409	0	136	394227	549	64	20	44	677	394904
22	TAMIL NADU	157111	53209	1718	0	3064	215102	2701	126	62	681	3570	218672
23	TELANGANA	234484	12110	187	0	2937	249718	865	22	5	108	1000	250718
24	TRIPURA	207	0	0	0	0	207	0	0	0	0	0	207
25	UTTARAKHAND	655	401	18	0	60	1134	10	0	0	3	13	1147
26	UTTAR PRADESH	49111	34130	749	0	1070	85060	740	10	6	1368	2124	87184
27	WEST BENGAL	8348	3755	20	0	77	12200	80	4	2	136	222	12422
	Total	2284546	198746	4526	0	43393	2531211	11768	423	791	30470	43452	2574663

MINOR IRRIGATION CENSUS (2013-14)
Table.4.12 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

Sl. No.	State	With one source of energy							With two Source of Energy								Grand Total (9+17)
		Electric	Diesel	Wind mills	Solar	Manual/ Animal	Others	Total (3 to 8)	Electric & Diesel	Electric & Windmill	Electric & Solar	Diesel & Windmills	Diesel & Solar	Windmill & Solar	Others	Total (10 to 16)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDHRA PRADESH	354627	905	63	66	0	112	355773	4703	59	5	3	1	1	2174	6946	362719
2	ARUNACHAL PRADESH	25	2	0	0	0	0	27	0	0	0	0	0	0	0	0	27
3	ASSAM	378	125	0	0	0	3	506	2	0	0	0	0	0	36	38	544
4	BIHAR	961	7496	10	9	0	1046	9522	3114	9	4	28	5	2	11	3173	12695
5	CHANDIGARH	27	3	0	0	0	0	30	0	0	0	0	0	0	0	0	30
6	CHHATISGARH	74597	130	6	6	0	63	74802	153	35	91	0	0	0	5	284	75086
7	DELHI	4517	19	0	0	0	1	4537	5	0	0	0	0	0	1	6	4543
8	GOA	13	0	0	0	0	0	13	0	0	0	0	0	0	0	0	13
9	GUJARAT	29339	237	1	0	0	1	29578	54	1	3	0	0	0	0	58	29636
10	HARYANA	192983	7433	55	7	0	174	200652	5285	61	8	2	0	0	1894	7250	207902
11	HIMACHAL PRADESH	985	1	0	0	0	2	988	20	0	0	0	0	0	9	29	1017
12	JAMMU & KASHMIR	20	49	0	0	0	0	69	0	0	0	0	0	0	0	0	69
13	JHARKHAND	231	127	0	1	0	2	361	46	0	1	0	1	0	7	55	416
14	KARNATAKA	114649	79	24	14	0	74	114840	2726	266	175	19	2	1	261	3450	118290
15	KERALA	1746	5	0	0	0	1	1752	12	0	0	0	0	0	4	16	1768
16	MADHYA PRADESH	156711	1861	20	20	0	250	158862	1050	37	107	3	1	0	6287	7485	166347
17	MAHARASHTRA	127412	2167	148	5	0	70	129802	785	50	31	0	1	0	603	1470	131272
18	ODISHA	9062	1036	7	1	0	13	10119	170	9	2	1	0	1	90	273	10392
19	PUDUCHERRY	1265	0	0	0	0	0	1265	0	0	0	0	0	0	0	0	1265
20	PUNJAB	450921	4242	14	21	0	54	455252	29546	445	10	6	4	0	115	30126	485378
21	RAJASTHAN	367732	16949	7	22	0	287	384997	9892	4	11	0	0	0	0	9907	394904
22	TAMIL NADU	192682	5501	97	36	0	1008	199324	8096	595	288	104	45	9	10211	19348	218672
23	TELANGANA	226235	46	5	63	0	2	226351	23513	156	401	0	4	2	291	24367	250718
24	TRIPURA	207	0	0	0	0	0	207	0	0	0	0	0	0	0	0	207
25	UTTARAKHAND	769	290	1	0	0	60	1120	25	0	0	0	0	0	2	27	1147
26	UTTAR PRADESH	51921	28259	58	26	0	125	80389	4067	17	17	14	19	0	2661	6795	87184
27	WEST BENGAL	8746	1921	1	5	0	21	10694	1226	13	14	3	1	0	471	1728	12422
	Total	2368761	78883	517	302	0	3369	2451832	94490	1757	1168	183	84	16	25133	122831	2574663

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Table.4.13 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Deep by horse power of lifting devices						
		0-6 hp	6-12 hp	12-18 hp	>=18 hp	Total (3 to 6)	Schemes without horse power	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDHRA PRADESH	72405	242070	36420	11823	362718	1	362719
2	ARUNACHAL PRADESH	27	0	0	0	27	0	27
3	ASSAM	51	33	17	443	544	0	544
4	BIHAR	10512	1945	116	120	12693	2	12695
5	CHANDIGARH	0	1	0	29	30	0	30
6	CHHATISGARH	74775	142	46	113	75076	10	75086
7	DELHI	2989	1541	3	7	4540	3	4543
8	GOA	12	0	0	0	12	1	13
9	GUJARAT	311	6804	1411	21109	29635	1	29636
10	HARYANA	1123	25966	69040	111772	207901	1	207902
11	HIMACHAL PRADESH	211	174	125	506	1016	1	1017
12	JAMMU & KASHMIR	12	55	1	1	69	0	69
13	JHARKHAND	183	9	0	1	193	223	416
14	KARNATAKA	60453	51240	5109	1488	118290	0	118290
15	KERALA	1518	247	2	1	1768	0	1768
16	MADHYA PRADESH	89022	69067	7504	736	166329	18	166347

MINOR IRRIGATION CENSUS (2013-14)

Table.4.13 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Deep by horse power of lifting devices						
		0-6 hp	6-12 hp	12-18 hp	>=18 hp	Total (3 to 6)	Schemes without horse power	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
17	MAHARASHTRA	109672	18979	1316	1301	131268	4	131272
18	ODISHA	7557	1684	72	25	9338	1054	10392
19	PUDUCHERRY	12	351	712	189	1264	1	1265
20	PUNJAB	28326	204098	165368	87537	485329	49	485378
21	RAJASTHAN	15103	170846	90551	118404	394904	0	394904
22	TAMIL NADU	128700	64421	17659	7836	218616	56	218672
23	TELANGANA	223830	25909	698	271	250708	10	250718
24	TRIPURA	2	15	77	113	207	0	207
25	UTTARAKHAND	41	581	186	339	1147	0	1147
26	UTTAR PRADESH	5237	53657	22769	5508	87171	13	87184
27	WEST BENGAL	6180	1957	500	3779	12416	6	12422
	Total	838264	941792	419702	373451	2573209	1454	2574663

MINOR IRRIGATION CENSUS (2013-14)

Table.4.14 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10 to15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	102029	72260	69650	80897	31839	6043	362718	134757	61234	71294	65566	27750	2117	362718
2	ARUNACHAL PRADESH	9	1	0	3	9	5	27	12	1	1	11	2	0	27
3	ASSAM	495	22	19	8	0	0	544	444	66	22	10	2	0	544
4	BIHAR	6562	3016	1102	844	420	749	12693	6936	3554	1140	420	296	347	12693
5	CHANDIGARH	0	0	0	1	1	28	30	0	0	0	1	1	28	30
6	CHHATISGARH	43858	19576	6950	2181	701	1810	75076	34823	20329	6195	4643	3884	5202	75076
7	DELHI	2659	1232	441	161	35	12	4540	2804	1249	399	66	8	14	4540
8	GOA	12	0	0	0	0	0	12	11	1	0	0	0	0	12
9	GUJARAT	28762	862	10	0	1	0	29635	914	12956	8984	6445	334	2	29635
10	HARYANA	14446	31626	85622	51738	15139	9330	207901	93922	76683	14480	7670	6036	9110	207901
11	HIMACHAL PRADESH	552	207	104	62	47	44	1016	350	260	127	91	49	139	1016
12	JAMMU & KASHMIR	14	51	3	0	0	1	69	51	15	3	0	0	0	69
13	JHARKHAND	174	11	8	0	0	0	193	173	15	4	1	0	0	193
14	KARNATAKA	63040	28756	14910	7993	2287	1304	118290	74956	27225	10395	4219	986	509	118290
15	KERALA	1718	49	1	0	0	0	1768	1660	99	7	2	0	0	1768
16	MADHYA PRADESH	154461	8934	1550	1231	124	29	166329	37595	47083	31560	32723	8080	9288	166329
17	MAHARASHTRA	99219	19011	4096	1390	627	6925	131268	74252	29612	12221	6385	1445	7353	131268
18	ODISHA	7844	944	275	110	70	95	9338	5812	1450	622	436	339	679	9338
19	PUDUCHERRY	443	322	263	133	66	37	1264	523	421	204	88	17	11	1264
20	PUNJAB	25551	102821	200079	118045	28849	9984	485329	430273	38952	10358	3506	1321	919	485329
21	RAJASTHAN	259609	38952	33386	42557	16736	3664	394904	35724	46343	82626	170420	50603	9188	394904
22	TAMIL NADU	136836	33968	17397	12622	7886	9907	218616	153465	30749	14835	8376	4902	6289	218616
23	TELANGANA	14661	25012	67885	89222	36663	17265	250708	22373	22600	47780	104002	51662	2291	250708
24	TRIPURA	145	53	6	3	0	0	207	29	95	52	18	12	1	207
25	UTTARAKHAND	339	454	142	79	50	83	1147	300	174	297	214	59	103	1147
26	UTTAR PRADESH	53623	25635	4258	2233	650	772	87171	45885	27149	7774	2813	1632	1918	87171
27	WEST BENGAL	6957	1277	1007	698	1934	543	12416	5313	1060	818	2042	702	2481	12416
	Total	1024018	415052	509164	412211	144134	68630	2573209	1163357	449375	322198	420168	160122	57989	2573209

MINOR IRRIGATION CENSUS (2013-14)

Table.4.15 DISTRIBUTION OF DEEP TUBEWELLS (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO AVERAGE HOURS OF PUMPING PER DAY

(In Nos.)

Sl. No.	State	During Kharif season							During Rabi season						
		0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (3 to 8)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDHRA PRADESH	84091	274873	3682	16	34	22	362718	120248	238536	3862	40	18	14	362718
2	ARUNACHAL PRADESH	2	0	7	17	0	1	27	4	4	13	6	0	0	27
3	ASSAM	430	100	13	0	0	1	544	364	158	22	0	0	0	544
4	BIHAR	1764	3864	4593	1665	521	286	12693	1952	4203	4735	1430	219	154	12693
5	CHANDIGARH	0	1	5	6	17	1	30	0	1	5	16	7	1	30
6	CHHATISGARH	10798	19839	19032	14931	1872	8604	75076	8552	13098	20070	18936	3878	10542	75076
7	DELHI	113	1702	2235	295	161	34	4540	258	1371	2155	584	114	58	4540
8	GOA	12	0	0	0	0	0	12	12	0	0	0	0	0	12
9	GUJARAT	11718	17879	37	0	0	1	29635	5201	16604	7812	17	1	0	29635
10	HARYANA	14711	124072	68199	395	284	240	207901	14499	168466	23888	613	221	214	207901
11	HIMACHAL PRADESH	177	351	447	35	6	0	1016	75	261	485	137	54	4	1016
12	JAMMU & KASHMIR	0	24	44	1	0	0	69	5	48	16	0	0	0	69
13	JHARKHAND	144	30	10	7	1	1	193	149	25	17	0	0	2	193
14	KARNATAKA	59230	51906	6373	540	27	214	118290	72035	41173	4689	144	41	208	118290
15	KERALA	1668	99	1	0	0	0	1768	1629	137	2	0	0	0	1768
16	MADHYA PRADESH	139926	16824	8711	742	60	66	166329	7012	68571	76772	12302	1130	542	166329
17	MAHARASHTRA	55377	51662	11109	11837	307	976	131268	38494	62830	17394	4680	7047	823	131268
18	ODISHA	5545	2516	1008	136	35	98	9338	4102	2669	1645	618	141	163	9338
19	PUDUCHERRY	276	427	381	142	25	13	1264	366	534	254	98	12	0	1264
20	PUNJAB	3339	345888	132336	3519	188	59	485329	93036	375279	16323	596	24	71	485329
21	RAJASTHAN	233808	157227	3704	124	23	18	394904	13822	332723	42085	3177	2652	445	394904
22	TAMIL NADU	140678	49114	20971	5268	742	1843	218616	148768	50122	15047	3321	495	863	218616
23	TELANGANA	17685	230294	2495	105	7	122	250708	28358	219674	2586	60	1	29	250708
24	TRIPURA	77	127	3	0	0	0	207	18	135	54	0	0	0	207
25	UTTARAKHAND	140	365	465	139	12	26	1147	134	160	643	170	25	15	1147
26	UTTAR PRADESH	8138	36726	35893	4413	520	1481	87171	8395	39919	31083	5385	871	1518	87171
27	WEST BENGAL	5686	2547	3540	392	131	120	12416	4852	3133	2256	1540	404	231	12416
	Total	795533	1388457	325294	44725	4973	14227	2573209	572340	1639834	273913	53870	17355	15897	2573209

MINOR IRRIGATION CENSUS (2013-14)
Table.4.16 DISTRIBUTION OF DEEP TUBEWELLS ACCORDING TO DEPTH

(In Nos.)

Sl. No.	State	No. by the depth of Deep Tube Well									
		0 to 20 mts	20 to 40 mts	40 to 60 mts	60 to 70 mts	70 to 90 mts	90 to 110 mts	110 to 130 mts	130 to 150 mts	>150 mts	Total (3 to11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	ANDHRA PRADESH	0	0	0	0	102356	80608	60793	42541	91652	377950
2	ARUNACHAL PRADESH	0	0	0	0	27	0	0	0	0	27
3	ASSAM	0	0	0	0	281	53	81	38	170	623
4	BIHAR	0	0	0	0	2557	4832	1442	922	3034	12787
5	CHANDIGARH	0	0	0	0	0	1	1	0	28	30
6	CHHATISGARH	0	0	0	0	44977	15182	3716	4180	7040	75095
7	DELHI	0	0	0	0	487	4008	37	10	2	4544
8	GOA	0	0	0	0	11	1	1	0	0	13
9	GUJARAT	0	0	0	0	9385	1708	1080	1225	16295	29693
10	HARYANA	0	0	0	0	78279	64479	20285	25060	19799	207902
11	HIMACHAL PRADESH	0	0	0	0	371	189	190	193	78	1021
12	JAMMU & KASHMIR	0	0	0	0	63	4	1	1	2	71
13	JHARKHAND	0	0	0	0	397	6	1	1	12	417
14	KARNATAKA	0	0	0	0	19871	26303	21143	11260	40186	118763
15	KERALA	0	0	0	0	993	424	184	87	80	1768
16	MADHYA PRADESH	0	0	0	0	57999	58339	23470	10915	15908	166631
17	MAHARASHTRA	0	0	0	0	48711	42534	18640	14625	6868	131378
18	MEGHALAYA	0	0	0	0	0	1	0	0	0	1
19	ODISHA	0	0	0	0	7211	2635	522	256	528	11152
20	PUDUCHERRY	0	0	0	0	550	172	126	181	313	1342
21	PUNJAB	0	0	0	0	245451	166749	44157	14612	14410	485379
22	RAJASTHAN	0	0	0	0	114589	86707	52105	36770	106002	396173
23	TAMIL NADU	0	0	0	0	70745	43440	29381	18428	61984	223978
24	TELANGANA	0	0	0	0	192436	60883	8327	4559	4429	270634
25	TRIPURA	0	0	0	0	0	5	3	32	170	210
26	UTTARAKHAND	0	0	0	0	497	211	147	139	155	1149
27	UTTAR PRADESH	0	0	0	0	40300	25061	5346	2694	13848	87249
28	WEST BENGAL	0	0	0	0	3565	890	3111	1616	3630	12812
	Total	0	0	0	0	1042109	685425	294290	190345	406623	2618792

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17A DISTRIBUTION OF DEEP TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No.	State	No. of Deep by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDHRA PRADESH	368687	8429	834	377950
2	ARUNACHAL PRADESH	27	0	0	27
3	ASSAM	606	5	12	623
4	BIHAR	12510	277	0	12787
5	CHANDIGARH	30	0	0	30
6	CHHATISGARH	74041	876	178	75095
7	DELHI	4499	0	45	4544
8	GOA	13	0	0	13
9	GUJARAT	26111	3579	3	29693
10	HARYANA	183009	24350	543	207902
11	HIMACHAL PRADESH	941	80	0	1021
12	JAMMU & KASHMIR	70	1	0	71
13	JHARKHAND	369	48	0	417
14	KARNATAKA	108463	3231	7069	118763
15	KERALA	1097	670	1	1768
16	MADHYA PRADESH	151182	7117	8332	166631

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17A DISTRIBUTION OF DEEP TUBEWELLS BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl. No.	State	No. of Deep by Location			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
17	MAHARASHTRA	116533	14313	532	131378
18	MEGHALAYA	1	0	0	1
19	ODISHA	10377	719	56	11152
20	PUDUCHERRY	1282	0	60	1342
21	PUNJAB	296127	189245	7	485379
22	RAJASTHAN	389705	6467	1	396173
23	TAMIL NADU	190001	30352	3625	223978
24	TELANGANA	264699	5253	682	270634
25	TRIPURA	209	1	0	210
26	UTTARAKHAND	1050	99	0	1149
27	UTTAR PRADESH	86252	997	0	87249
28	WEST BENGAL	12501	201	110	12812
	Total	2300392	296310	22090	2618792

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	652217.21	419204.92	309787.56	138202.45	783.46	867978.39
2	ARUNACHAL PRADESH	365	95	57	0	0	152
3	ASSAM	21367.8	16166	6670.05	160.06	0	22996.11
4	BIHAR	109584.06	56808.55	48189.01	15234.98	19019.73	139252.27
5	CHANDIGARH	1122.83	904.83	904.83	0	0	1809.66
6	CHHATISGARH	192180.25	130285.76	100373.81	82.84	504.24	231246.65
7	DELHI	9217.25	8549.56	8558.11	0	1	17108.67
8	GOA	7.97	0	1.86	5.96	0.15	7.97
9	GUJARAT	294061.82	136526.74	200938.58	9156.16	24993.89	371615.37
10	HARYANA	982327.46	938190.59	938117.09	11945.5	5275.45	1893528.63
11	HIMACHAL PRADESH	17408.45	11616.02	13874.19	216.89	113.31	25820.41
12	JAMMU & KASHMIR	154.01	123.6	81.68	5.12	1.85	212.25
13	JHARKHAND	2284.75	398.66	258.49	9.35	9.9	676.4
14	KARNATAKA	290197.34	136561.91	54288.86	86815.42	17955.79	295621.98
15	KERALA	2578.46	421.97	708.03	982.82	96.38	2209.2
16	MADHYA PRADESH	1014535.17	128628.85	719265.9	4899.48	3012.82	855807.05
17	MAHARASHTRA	257230.5	139106.55	94783.09	35472.1	17633.18	286994.92

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17B CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18	MEGHALAYA	40	40	25	0	2	67
19	ODISHA	66772.32	52454.8	44050.09	361.12	74.54	96940.55
20	PUDUCHERRY	2122.66	1588.49	1566.63	185.49	226.25	3566.86
21	PUNJAB	2023936.53	1922614.19	1922638.51	13790.04	9112.52	3868155.26
22	RAJASTHAN	2540578.74	758000	2218084.83	16812.49	73935.17	3066832.49
23	TAMIL NADU	607363.85	324476.54	257805.76	104326.31	24935.71	711544.32
24	TELANGANA	312689.91	225317.93	161495.43	11914.73	5879.51	404607.6
25	TRIPURA	4931.5	4159.1	3792.1	10	951.5	8912.7
26	UTTARAKHAND	44004.14	27521.52	27393.27	7261.19	6553.49	68729.47
27	UTTAR PRADESH	1446345.41	590664.62	660430.59	257207.83	250581.99	1758885.03
28	WEST BENGAL	252882.37	132527.05	146166.09	33407.21	73025.19	385125.54
Total :		11148507.76	6162953.75	7940306.44	748465.54	534679.02	15386404.75

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	610752.44	393418.21	290500.91	129371.62	730.55	814021.29
2	ARUNACHAL PRADESH	365	95	57	0	0	152
3	ASSAM	11088.9	8679.9	4157.25	160.06	0	12997.21
4	BIHAR	106893.6	55423.15	47033.66	15048.58	18848.53	136353.92
5	CHANDIGARH	1122.83	904.83	904.83	0	0	1809.66
6	CHHATISGARH	192135.87	130249.09	100338.63	82.84	504.24	231174.8
7	DELHI	9217.25	8549.56	8558.11	0	1	17108.67
8	GOA	7.97	0	1.86	5.96	0.15	7.97
9	GUJARAT	293870.13	136401.39	200887.97	9150.46	24991.69	371431.51
10	HARYANA	982162.46	938108.59	938037.09	11943.5	5275.45	1893364.63
11	HIMACHAL PRADESH	17298.45	11589.02	13847.19	216.89	113.31	25766.41
12	JAMMU & KASHMIR	149.71	119.3	78.9	5.12	1.6	204.92
13	JHARKHAND	2083.19	396.26	258.09	9.35	9.9	673.6
14	KARNATAKA	287836.7	135641.18	53840.79	86614.17	17744.91	293841.05
15	KERALA	2576.61	421.54	707.7	981.4	96.1	2206.74
16	MADHYA PRADESH	1012395.42	128512.5	718899.97	4898.48	3012.82	855323.77
17	MAHARASHTRA	254849.33	138006.06	93911.77	35203.47	17524.43	284645.73
18	ODISHA	37620.22	28787.27	25074.12	313.34	70.35	54245.08
19	PUDUCHERRY	1999.88	1566.68	1544.82	183.49	226.25	3521.24

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17C CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20	PUNJAB	2023889.21	1922612.99	1922637.31	13790.04	9112.52	3868152.86
21	RAJASTHAN	2524627.47	751598.27	2207391.23	16734.94	73694.13	3049418.57
22	TAMIL NADU	586551.6	313303.03	249647.98	101974.08	23928.35	688853.44
23	TELANGANA	292973.52	209661.17	156100.64	11817.34	5762.1	383341.25
24	TRIPURA	4792.5	4100.1	3734.1	10	947.5	8791.7
25	UTTARAKHAND	43899.14	27455.52	27345.27	7255.19	6550.49	68606.47
26	UTTAR PRADESH	1440272.87	588742.06	657952.74	256669.14	249643.52	1753007.46
27	WEST BENGAL	247694.9	129850.21	144045.33	33205.97	72155.52	379257.03
Total :		10989127.17	6064192.88	7867495.26	735645.43	530945.41	15198278.98

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	28858.56	17756	13719.49	7036.47	32.61	38544.57
2	ASSAM	8576.6	6675.1	2231.8	0	0	8906.9
3	BIHAR	2597.81	1342.4	1123.7	186.4	159.2	2811.7
4	CHHATISGARH	37.36	31.46	29.16	0	0	60.62
5	DELHI	0	0	0	0	0	0
6	GUJARAT	38.42	29.03	20	2	1	52.03
7	HARYANA	165	82	80	2	0	164
8	JAMMU & KASHMIR	2.53	2.53	2.53	0	0	5.06
9	JHARKHAND	200.56	2.4	0.4	0	0	2.8
10	KARNATAKA	1668.09	730.99	337.35	193.49	176.53	1438.36
11	KERALA	1.85	0.43	0.33	1.42	0.28	2.46
12	MADHYA PRADESH	1482.78	96.15	305.47	1	0	402.62
13	MAHARASHTRA	2289.32	1061.62	852.63	258.17	105.14	2277.56
14	ODISHA	19296.63	15898.47	12103.71	44.65	4.19	28051.02
15	PUDUCHERRY	19.53	6.15	6.15	2	0	14.3
16	PUNJAB	47.32	1.2	1.2	0	0	2.4
17	RAJASTHAN	11647.66	5807.4	6836.83	76.8	111.14	12832.17
18	TAMIL NADU	16564.75	9193.2	6933.2	1696.37	666.1	18488.87
19	TELANGANA	13825.94	10475.86	4213.08	93.87	98.72	14881.53

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17D CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20	TRIPURA	76	16	15	0	4	35
21	UTTARAKHAND	90	60	40	0	0	100
22	UTTAR PRADESH	5541.14	1777.56	2361.85	537.19	911.97	5588.57
23	WEST BENGAL	2743.21	1365.09	1116.66	86.74	421.34	2989.83
Total :		115771.06	72411.04	52330.54	10218.57	2692.22	137652.37

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDHRA PRADESH	12606.21	8030.71	5567.16	1794.36	20.3	15412.53
2	ASSAM	1702.3	811	281	0	0	1092
3	BIHAR	92.65	43	31.65	0	12	86.65
4	CHHATISGARH	7.02	5.21	6.02	0	0	11.23
5	GUJARAT	153.27	96.32	30.61	3.7	1.2	131.83
6	HIMACHAL PRADESH	110	27	27	0	0	54
7	JAMMU & KASHMIR	1.77	1.77	0.25	0	0.25	2.27
8	JHARKHAND	1	0	0	0	0	0
9	KARNATAKA	692.55	189.74	110.72	7.76	34.35	342.57
10	MADHYA PRADESH	656.97	20.2	60.46	0	0	80.66
11	MAHARASHTRA	91.85	38.87	18.69	10.46	3.61	71.63
12	MEGHALAYA	40	40	25	0	2	67
13	ODISHA	9855.47	7769.06	6872.26	3.13	0	14644.45
14	PUDUCHERRY	103.25	15.66	15.66	0	0	31.32
15	PUNJAB	0	0	0	0	0	0
16	RAJASTHAN	4303.61	594.33	3856.77	0.75	129.9	4581.75
17	TAMIL NADU	4247.5	1980.31	1224.58	655.86	341.26	4202.01
18	TELANGANA	5890.45	5180.9	1181.71	3.52	18.69	6384.82
19	TRIPURA	63	43	43	0	0	86

MINOR IRRIGATION CENSUS (2013-14)

Table.4.17E CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THROUGH DEEP TUBEWELLS

(In ha.)

Sl. No.	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
20	UTTARAKHAND	15	6	8	6	3	23
21	UTTAR PRADESH	531.4	145	116	1.5	26.5	289
22	WEST BENGAL	2444.26	1311.75	1004.1	114.5	448.33	2878.68
Total :		43609.53	26349.83	20480.64	2601.54	1041.39	50473.4

MINOR IRRIGATION CENSUS (2013-14)
Table.4.18 SEASON WISE POTENTIAL UTILISED THROUGH ALL DEEP TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013- 2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	11385.76	6877.61	778.04	2.15	19043.56	317472.09	224749.72	115687.62	358.59	658268.02	328857.85	231627.33	116465.66	360.74	677311.58
2	ARUNACHAL PRADESH	0	0	0	0	0	50	30	0	0	80	50	30	0	0	80
3	ASSAM	20	5	0	0	25	4123.2	1978.68	150	0	6251.88	4143.2	1983.68	150	0	6276.88
4	BIHAR	1231.3	1087.45	63.5	67	2449.25	44694.02	37251.18	10443.92	11396.31	103785.43	45925.32	38338.63	10507.42	11463.31	106234.68
5	CHANDIGARH	0	0	0	0	0	904.83	904.83	0	0	1809.66	904.83	904.83	0	0	1809.66
6	CHHATISGARH	438.17	189.53	0	139.2	766.9	124426.87	96242.78	76.83	330.37	221076.85	124865.04	96432.31	76.83	469.57	221843.75
7	DELHI	0	0	0	0	0	7191.79	7197.62	0	0	14389.41	7191.79	7197.62	0	0	14389.41
8	GOA	0	0	0	0	0	0	1.86	5.96	0.15	7.97	0	1.86	5.96	0.15	7.97
9	GUJARAT	15318.71	18761.11	7294.6	2215.4	43589.82	79232.71	119788.07	1721.86	18115.37	218858.01	94551.42	138549.18	9016.46	20330.77	262447.83
10	HARYANA	111096	109813.5	320	239	221468.5	825625.5	826626.8	11457.5	4893.45	1668603.25	936721.5	936440.3	11777.5	5132.45	1890071.75
11	HIMACHAL PRADESH	166.4	170.4	0.2	0.25	337.25	9840.07	12118.48	169.46	98.06	22226.07	10006.47	12288.88	169.66	98.31	22563.32
12	JAMMU & KASHMIR	0.76	0.15	0	0	0.91	115.4	71.06	1.9	0.45	188.81	116.16	71.21	1.9	0.45	189.72
13	JHARKHAND	3.5	0.5	0	1	5	308.95	184.5	9.35	7.25	510.05	312.45	185	9.35	8.25	515.05
14	KARNATAKA	1534.2	1029.94	865.89	168.13	3598.16	131607.53	49753.24	84779.48	16343.59	282483.84	133141.73	50783.18	85645.37	16511.72	286082
15	KERALA	292.74	544.59	268.17	12.29	1117.79	110.84	156.69	701.17	78.02	1046.72	403.58	701.28	969.34	90.31	2164.51
16	MADHYA PRADESH	9480.45	33005	0	0	42485.45	50190.28	598621.5	3506.54	866.19	653184.51	59670.73	631626.5	3506.54	866.19	695669.96
17	MAHARASHTRA	9513.69	8130.72	4755.46	570.52	22970.39	119937.72	77794.98	29275.96	8779.93	235788.59	129451.41	85925.7	34031.42	9350.45	258758.98
18	ODISHA	1311.37	900.97	22.69	0.7	2235.73	11908.05	15144.26	212.45	41.01	27305.77	13219.42	16045.23	235.14	41.71	29541.5
19	PUDUCHERRY	0	0	0	0	0	1572.83	1550.97	185.49	226.25	3535.54	1572.83	1550.97	185.49	226.25	3535.54
20	PUNJAB	684567.54	477330.89	42.05	108.21	1162048.69	914291.16	911243.41	13714.97	8912.14	1848161.68	1598858.7	1388574.3	13757.02	9020.35	3010210.37
21	RAJASTHAN	1805.08	17842.47	10.4	28.61	19686.56	635855.79	2091891.21	14692.46	59207.31	2801646.77	637660.87	2109733.68	14702.86	59235.92	2821333.33
22	TAMIL NADU	22401.2	18252.34	14644.62	981.91	56280.07	242568.75	154622.53	78232.65	11840.1	487264.03	264969.95	172874.87	92877.27	12822.01	543544.1
23	TELANGANA	5392.96	4779.17	20.93	0.64	10193.7	171317.9	124643.95	10891.09	5213.59	312066.53	176710.86	129423.12	10912.02	5214.23	322260.23
24	TRIPURA	0	0	0	0	0	3240.9	3078	5	709.7	7033.6	3240.9	3078	5	709.7	7033.6
25	UTTARAKHAND	1134.3	1123	87	432.5	2776.8	25733.41	25691.76	6976.1	5401.69	63802.96	26867.71	26814.76	7063.1	5834.19	66579.76
26	UTTAR PRADESH	1596.06	1949.76	215.97	403.41	4165.2	380078.33	449125.47	156644.69	147620.17	1133468.66	381674.39	451075.23	156860.66	148023.58	1137633.86
27	WEST BENGAL	353.16	221.13	18.21	72.08	664.58	107506.68	121421.98	18358.14	49862.67	297149.47	107859.84	121643.11	18376.35	49934.75	297814.05
Total		879043.35	702015.23	29407.73	5443	1615909.31	4209905.6	5951885.53	557900.59	350302.36	11069994.08	5088948.95	6653900.76	587308.32	355745.36	12685903.39

MINOR IRRIGATION CENSUS (2013-14)

Table.4.18A SEASON WISE POTENTIAL UTILISED THROUGH (IN USE) DEEP TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013- 2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	11332.37	6863.56	770.67	2.15	18968.75	314898.09	222693.85	114068.37	349.82	652010.13	326230.46	229557.41	114839.04	351.97	670978.88
2	ARUNACHAL PRADESH	0	0	0	0	0	50	30	0	0	80	50	30	0	0	80
3	ASSAM	20	5	0	0	25	3994.2	1928.18	150	0	6072.38	4014.2	1933.18	150	0	6097.38
4	BIHAR	1223.3	1081.45	59.5	64	2428.25	43535.32	36279.98	10302.52	11280.71	101398.53	44758.62	37361.43	10362.02	11344.71	103826.78
5	CHANDIGARH	0	0	0	0	0	904.83	904.83	0	0	1809.66	904.83	904.83	0	0	1809.66
6	CHHATISGARH	438.17	189.53	0	139.2	766.9	124396.1	96213.62	76.83	330.37	221016.92	124834.27	96403.15	76.83	469.57	221783.82
7	DELHI	0	0	0	0	0	7191.79	7197.62	0	0	14389.41	7191.79	7197.62	0	0	14389.41
8	GOA	0	0	0	0	0	0	1.86	5.96	0.15	7.97	0	1.86	5.96	0.15	7.97
9	GUJARAT	15314.71	18757.11	7292.6	2214.4	43578.82	79221.11	119782.97	1721.86	18115.37	218841.31	94535.82	138540.08	9014.46	20329.77	262420.13
10	HARYANA	111091	109808.5	320	239	221458.5	825548.5	826551.8	11455.5	4893.45	1668449.25	936639.5	936360.3	11775.5	5132.45	1889907.75
11	HIMACHAL PRADESH	166.4	170.4	0.2	0.25	337.25	9840.07	12118.48	169.46	98.06	22226.07	10006.47	12288.88	169.66	98.31	22563.32
12	JAMMU & KASHMIR	0.76	0.15	0	0	0.91	112.87	68.53	1.9	0.45	183.75	113.63	68.68	1.9	0.45	184.66
13	JHARKHAND	3.5	0.5	0	1	5	306.75	184.3	9.35	7.25	507.65	310.25	184.8	9.35	8.25	512.65
14	KARNATAKA	1534.2	1029.94	865.89	168.13	3598.16	130989.8	49531.43	84689.09	16277.18	281487.5	132524	50561.37	85554.98	16445.31	285085.66
15	KERALA	292.74	544.59	268.17	12.29	1117.79	110.52	156.42	699.79	77.9	1044.63	403.26	701.01	967.96	90.19	2162.42
16	MADHYA PRADESH	9480.45	32996.25	0	0	42476.7	50170.18	598391.92	3505.54	866.19	652933.83	59650.63	631388.17	3505.54	866.19	695410.53
17	MAHARASHTRA	9510.18	8121.27	4754.21	570.52	22956.18	118900.14	76971.84	29019.44	8675.2	233566.62	128410.32	85093.11	33773.65	9245.72	256522.8
18	ODISHA	1163.71	852.72	22.69	0.7	2039.82	11241.61	14655.06	211.43	40.81	26148.91	12405.32	15507.78	234.12	41.51	28188.73
19	PUDUCHERRY	0	0	0	0	0	1566.68	1544.82	183.49	226.25	3521.24	1566.68	1544.82	183.49	226.25	3521.24
20	PUNJAB	684567.54	477330.89	42.05	108.21	1162048.69	914291.16	911243.41	13714.97	8912.14	1848161.68	1598858.7	1388574.3	13757.02	9020.35	3010210.37
21	RAJASTHAN	1802	17779.29	10.4	28.61	19620.3	635705.7	2090991.23	14691.76	59184.37	2800573.06	637507.7	2108770.52	14702.16	59212.98	2820193.36
22	TAMIL NADU	22247.09	18122.76	14607.73	981.91	55959.49	239022.55	153002.35	77680.87	11598.84	481304.61	261269.64	171125.11	92288.6	12580.75	537264.1
23	TELANGANA	5343.36	4663.96	18.1	0.64	10026.06	169411.76	124076.58	10876.69	5148.58	309513.61	174755.12	128740.54	10894.79	5149.22	319539.67
24	TRIPURA	0	0	0	0	0	3226.9	3065	5	707.7	7004.6	3226.9	3065	5	707.7	7004.6
25	UTTARAKHAND	1134.3	1123	87	432.5	2776.8	25677.41	25685.76	6976.1	5401.69	63740.96	26811.71	26808.76	7063.1	5834.19	66517.76
26	UTTAR PRADESH	1594.49	1948.25	215.74	403.41	4161.89	378877.71	447429.94	156280.89	146964.18	1129552.72	380472.2	449378.19	156496.63	147367.59	1133714.61
27	WEST BENGAL	352.16	221.13	18.21	72.08	663.58	106730.48	120750.4	18320.14	49653.73	295454.75	107082.64	120971.53	18338.35	49725.81	296118.33
Total		878612.43	701610.25	29353.16	5439	1615014.84	4195922.23	5941452.18	554816.95	348810.39	11041001.75	5074534.66	6643062.43	584170.11	354249.39	12656016.59

MINOR IRRIGATION CENSUS (2013-14)
Table.4.18B SEASON WISE POTENTIAL UTILISED THROUGH (TEMPORARY NOT IN USE) DEEP TUBEWELLS

(Area in ha.)

Sl. No.	State	Area irrigated during 2013- 2014														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDHRA PRADESH	53.39	14.05	7.37	0	74.81	2574	2055.87	1619.25	8.77	6257.89	2627.39	2069.92	1626.62	8.77	6332.7
2	ASSAM	0	0	0	0	0	129	50.5	0	0	179.5	129	50.5	0	0	179.5
3	BIHAR	8	6	4	3	21	1158.7	971.2	141.4	115.6	2386.9	1166.7	977.2	145.4	118.6	2407.9
4	CHHATISGARH	0	0	0	0	0	30.77	29.16	0	0	59.93	30.77	29.16	0	0	59.93
5	DELHI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	GUJARAT	4	4	2	1	11	11.6	5.1	0	0	16.7	15.6	9.1	2	1	27.7
7	HARYANA	5	5	0	0	10	77	75	2	0	154	82	80	2	0	164
8	JAMMU & KASHMIR	0	0	0	0	0	2.53	2.53	0	0	5.06	2.53	2.53	0	0	5.06
9	JHARKHAND	0	0	0	0	0	2.2	0.2	0	0	2.4	2.2	0.2	0	0	2.4
10	KARNATAKA	0	0	0	0	0	617.73	221.81	90.39	66.41	996.34	617.73	221.81	90.39	66.41	996.34
11	KERALA	0	0	0	0	0	0.32	0.27	1.38	0.12	2.09	0.32	0.27	1.38	0.12	2.09
12	MADHYA PRADESH	0	8.75	0	0	8.75	20.1	229.58	1	0	250.68	20.1	238.33	1	0	259.43
13	MAHARASHTRA	3.51	9.45	1.25	0	14.21	1037.58	823.14	256.52	104.73	2221.97	1041.09	832.59	257.77	104.73	2236.18
14	ODISHA	147.66	48.25	0	0	195.91	666.44	489.2	1.02	0.2	1156.86	814.1	537.45	1.02	0.2	1352.77
15	PUDUCHERRY	0	0	0	0	0	6.15	6.15	2	0	14.3	6.15	6.15	2	0	14.3
16	PUNJAB	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	RAJASTHAN	3.08	63.18	0	0	66.26	150.09	899.98	0.7	22.94	1073.71	153.17	963.16	0.7	22.94	1139.97
18	TAMIL NADU	154.11	129.58	36.89	0	320.58	3546.2	1620.18	551.78	241.26	5959.42	3700.31	1749.76	588.67	241.26	6280
19	TELANGANA	49.6	115.21	2.83	0	167.64	1906.14	567.37	14.4	65.01	2552.92	1955.74	682.58	17.23	65.01	2720.56
20	TRIPURA	0	0	0	0	0	14	13	0	2	29	14	13	0	2	29
21	UTTARAKHAND	0	0	0	0	0	56	6	0	0	62	56	6	0	0	62
22	UTTAR PRADESH	1.57	1.51	0.23	0	3.31	1200.62	1695.53	363.8	655.99	3915.94	1202.19	1697.04	364.03	655.99	3919.25
23	WEST BENGAL	1	0	0	0	1	776.2	671.58	38	208.94	1694.72	777.2	671.58	38	208.94	1695.72
Total		430.92	404.98	54.57	4	894.47	13983.37	10433.35	3083.64	1491.97	28992.33	14414.29	10838.33	3138.21	1495.97	29886.8

MINOR IRRIGATION CENSUS (2013-14)
Table.4.19 DISTRIBUTION OF DEEP TUBEWELLS (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No.	State	No. of Deep Tubewells in use	No.of Deep Tubewells without constraints	No. of Deep Having Constraints in utillsation of potential						
				Non Availability of Adequate Power	Mechanical Break Down	Less discharge of Water	Non - Availability of Finance	Lack of Miantenance	Others	Total (5 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDHRA PRADESH	336015	229155	18547	2046	84230	372	216	1449	106860
2	ARUNACHAL PRADESH	27	27	0	0	0	0	0	0	0
3	ASSAM	320	256	0	3	2	2	0	57	64
4	BIHAR	12553	11880	114	209	17	32	4	297	673
5	CHANDIGARH	30	1	0	0	0	0	1	28	29
6	CHHATISGARH	75068	37099	32304	406	16	7	24	5212	37969
7	DELHI	4543	4543	0	0	0	0	0	0	0
8	GOA	13	13	0	0	0	0	0	0	0
9	GUJARAT	29623	29187	206	1	123	5	41	60	436
10	HARYANA	207883	206241	567	1059	1	2	1	12	1642
11	HIMACHAL PRADESH	1017	909	1	1	11	0	0	95	108
12	JAMMU & KASHMIR	69	68	0	0	0	0	0	1	1
13	JHARKHAND	276	127	8	0	121	8	5	7	149
14	KARNATAKA	117488	94842	13514	1144	7111	31	98	748	22646
15	KERALA	1764	1758	0	0	5	1	0	0	6
16	MADHYA PRADESH	166226	164121	664	321	803	7	27	283	2105
17	MAHARASHTRA	130097	51358	23987	941	26179	120	1241	26271	78739
18	MEGHALAYA		0	0	0	0	0	0	0	0
19	ODISHA	8142	3095	1115	293	1284	143	186	2026	5047
20	PUDUCHERRY	1249	969	0	11	35	2	190	42	280
21	PUNJAB	485375	482327	1753	1162	91	12	14	16	3048
22	RAJASTHAN	392151	269639	22508	6436	59296	2459	2386	29427	122512
23	TAMIL NADU	209064	194615	2993	1288	7158	356	220	2434	14449
24	TELANGANA	250313	145789	18880	2780	78084	2180	312	2288	104524
25	TRIPURA	204	202	0	0	0	0	0	2	2
26	UTTARAKHAND	1145	767	22	4	3	24	317	8	378
27	UTTAR PRADESH	86928	77963	4732	515	163	122	990	2443	8965
28	WEST BENGAL	12250	8570	2285	184	43	673	91	404	3680
Total :		2529833	2015521	144200	18804	264776	6558	6364	73610	514312

SURFACE FLOW SCHEMES TABLES

MINOR IRRIGATION CENSUS (2013-14)

Table.5.1 NUMBER OF SURFACE FLOW SCHEME BY TYPE

(In Nos.)

Sl. No.	State	Type of Surface Flow Schemes								
		Reservoir	Tanks / Ponds	Other Storage	Permanent Diversion	Temporary Diversion	Water conservation-cum-ground water recharge schemes/ precolation tanks/ check dams etc.	Spring Channel	Others	Total (3 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	13	319	3	4	2	1	2	8	352
2	ANDHRA PRADESH	1214	38946	167	375	133	8270	1934	329	51368
3	ARUNACHAL PRADESH	39	18	9	382	4080	58	10	114	4710
4	ASSAM	166	9	126	955	386	345	2	389	2378
5	BIHAR	866	979	372	85	73	254	16	147	2792
6	CHHATISGARH	3996	1928	956	662	656	283	1178	2584	12243
7	GOA	411	96	16	168	891	107	297	158	2144
8	GUJARAT	11205	13	233	346	10	502	31	6	12346
9	HARYANA	99	35	34	88	1	33	1	207	498
10	HIMACHAL PRADESH	416	1233	273	1808	3956	134	2710	1519	12049
11	JAMMU & KASHMIR	33	46	9	759	243	12	90	1614	2806
12	JHARKHAND	7296	35952	1787	888	467	2663	361	1630	51044
13	KARNATAKA	7	29643	4603	10528	12121	1281	1628	6715	66526
14	KERALA	267	2350	290	1307	1101	715	581	795	7406
15	MADHYA PRADESH	7991	10764	1964	760	951	715	8949	23245	55339
16	MAHARASHTRA	28584	26135	19844	2434	5355	2972	2132	5642	93098
17	MANIPUR	0	3	0	709	1	0	0	0	713
18	MEGHALAYA	82	62	95	1038	4752	1450	259	206	7944
19	MIZORAM	35	311	21	373	2596	3	926	16	4281
20	NAGALAND	28	131	114	199	16126	82	220	121	17021
21	ODISHA	4627	15006	2512	6355	2513	2336	723	1065	35137
22	PUDUCHERRY	16	0	179	166	1	0	0	322	684
23	PUNJAB	48	2	2	79	16	3	0	49	199
24	RAJASTHAN	92	942	56	65	2	14	3	9	1183
25	SIKKIM	0	0	0	1710	27	0	0	12	1749
26	TAMIL NADU	7271	22414	2103	1783	306	1999	83	8813	44772
27	TELANGANA	1499	30826	1667	58	185	889	36	918	36078
28	TRIPURA	1	1	1	55	65	1	26	111	261

MINOR IRRIGATION CENSUS (2013-14)
Table.5.1 NUMBER OF SURFACE FLOW SCHEME BY TYPE

(In Nos.)

Sl. No.	State	Type of Surface Flow Schemes								
		Reservoir	Tanks / Ponds	Other Storage	Permanent Diversion	Temporary Diversion	Water conservation-cum-ground water recharge schemes/ precolation tanks/ check dams etc.	Spring Channel	Others	Total (3 to 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
29	UTTARAKHAND	3127	7845	284	721	453	383	22227	1666	36706
30	UTTAR PRADESH	2272	1850	1421	505	1103	539	59	397	8146
31	WEST BENGAL	2295	13856	1245	1795	141	278	47	526	20183
	Total	**83996**	**241715**	**40386**	**37160**	**58713**	**26322**	**44531**	**59333**	**592156**

MINOR IRRIGATION CENSUS (2013-14)

Table.5.2 DISTRIBUTION OF SURFACE FLOW SCHEME ACCORDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3 to 6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	16	2	17	20	55	0	297	297	352
2	ANDHRA PRADESH	48088	643	1443	343	50517	389	462	851	51368
3	ARUNACHAL PRADESH	3068	54	172	0	3294	1091	325	1416	4710
4	ASSAM	497	16	9	3	525	776	1077	1853	2378
5	BIHAR	1834	263	59	116	2272	109	411	520	2792
6	CHHATISGARH	3289	78	94	947	4408	462	7373	7835	12243
7	GOA	53	3	9	30	95	608	1441	2049	2144
8	GUJARAT	10125	134	1026	66	11351	734	261	995	12346
9	HARYANA	79	30	5	14	128	358	12	370	498
10	HIMACHAL PRADESH	3697	155	464	748	5064	6163	822	6985	12049
11	JAMMU & KASHMIR	1695	5	29	697	2426	375	5	380	2806
12	JHARKHAND	15539	5840	684	886	22949	4618	23477	28095	51044
13	KARNATAKA	17279	1259	2918	699	22155	69	44302	44371	66526
14	KERALA	1849	88	976	208	3121	1222	3063	4285	7406
15	MADHYA PRADESH	24014	1865	582	1745	28206	16053	11080	27133	55339
16	MAHARASHTRA	23544	1236	807	409	25996	13147	53955	67102	93098
17	MANIPUR	708	5	0	0	713	0	0	0	713
18	MEGHALAYA	1955	19	11	110	2095	2570	3279	5849	7944
19	MIZORAM	439	0	0	0	439	10	3832	3842	4281
20	NAGALAND	26	12	17	5	60	7346	9615	16961	17021
21	ODISHA	21154	539	4201	322	26216	2051	6870	8921	35137
22	PUDUCHERRY	359	1	3	1	364	0	320	320	684
23	PUNJAB	151	0	0	10	161	0	38	38	199
24	RAJASTHAN	704	4	262	2	972	182	29	211	1183
25	SIKKIM	1743	3	0	0	1746	3	0	3	1749
26	TAMIL NADU	19222	1320	7378	1271	29191	2174	13407	15581	44772
27	TELANGANA	28422	49	4194	314	32979	563	2536	3099	36078
28	TRIPURA	73	0	33	86	192	28	41	69	261
29	UTTARAKHAND	6814	219	27948	103	35084	563	1059	1622	36706
30	UTTAR PRADESH	502	204	1037	86	1829	95	6222	6317	8146
31	WEST BENGAL	2130	1184	1123	366	4803	13151	2229	15380	20183
	Total	239068	15230	55501	9607	319406	74910	197840	272750	592156

MINOR IRRIGATION CENSUS (2013-14)

Table.5.3 DISTRIBUTION OF SURFACE FLOW SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Surface Flow Scheme owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	21	0	178	98	297	55	352
2	ANDHRA PRADESH	18	89	123	232	462	50906	51368
3	ARUNACHAL PRADESH	7	318	0	0	325	4385	4710
4	ASSAM	88	550	56	383	1077	1301	2378
5	BIHAR	80	68	121	142	411	2381	2792
6	CHHATISGARH	1124	3210	2455	584	7373	4870	12243
7	GOA	27	520	245	649	1441	703	2144
8	GUJARAT	0	59	62	140	261	12085	12346
9	HARYANA	1	0	0	11	12	486	498
10	HIMACHAL PRADESH	141	15	19	647	822	11227	12049
11	JAMMU & KASHMIR	1	0	0	4	5	2801	2806
12	JHARKHAND	3549	11034	5861	3033	23477	27567	51044
13	KARNATAKA	5908	2543	13021	22830	44302	22224	66526
14	KERALA	74	19	977	1993	3063	4343	7406
15	MADHYA PRADESH	1561	2370	5309	1840	11080	44259	55339
16	MAHARASHTRA	4284	7569	17527	24575	53955	39143	93098

MINOR IRRIGATION CENSUS (2013-14)

Table.5.3 DISTRIBUTION OF SURFACE FLOW SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Surface Flow Scheme owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
17	MANIPUR	0	0	0	0	0	713	713
18	MEGHALAYA	16	3258	3	2	3279	4665	7944
19	MIZORAM	24	3806	2	0	3832	449	4281
20	NAGALAND	14	9599	2	0	9615	7406	17021
21	ODISHA	1009	2529	2630	702	6870	28267	35137
22	PUDUCHERRY	19	0	12	289	320	364	684
23	PUNJAB	4	0	1	33	38	161	199
24	RAJASTHAN	3	3	21	2	29	1154	1183
25	SIKKIM	0	0	0	0	0	1749	1749
26	TAMIL NADU	1094	6249	5276	788	13407	31365	44772
27	TELANGANA	349	687	1169	331	2536	33542	36078
28	TRIPURA	3	3	1	34	41	220	261
29	UTTARAKHAND	211	81	140	627	1059	35647	36706
30	UTTAR PRADESH	1270	438	3219	1295	6222	1924	8146
31	WEST BENGAL	1043	192	213	781	2229	17954	20183
	Total	21943	55209	58643	62045	197840	394316	592156

MINOR IRRIGATION CENSUS (2013-14)

Table.5.4 DISTRIBUTION OF SURFACE FLOW SCHEME ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Surface Flow Scheme by size class of owned					
		Marginal (0-1 ha)	Small (1-2 ha)	Semi Medium (2-4 ha)	Medium (4-10 ha)	Big (>=10 ha)	Total (3 to7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	38	125	71	62	1	297
2	ANDHRA PRADESH	123	129	124	71	15	462
3	ARUNACHAL PRADESH	2	27	112	173	11	325
4	ASSAM	92	447	529	7	2	1077
5	BIHAR	45	96	186	40	44	411
6	CHHATISGARH	1680	2739	1637	965	352	7373
7	GOA	1104	202	79	48	8	1441
8	GUJARAT	91	118	43	4	5	261
9	HARYANA	0	1	2	9	0	12
10	HIMACHAL PRADESH	556	151	73	28	14	822
11	JAMMU & KASHMIR	2	0	1	2	0	5
12	JHARKHAND	4701	11916	4008	1155	1697	23477
13	KARNATAKA	10528	12896	11021	7352	2505	44302
14	KERALA	2261	525	172	60	45	3063
15	MADHYA PRADESH	1778	2997	2744	2407	1154	11080
16	MAHARASHTRA	18120	15837	11923	5752	2323	53955
17	MEGHALAYA	536	1113	1307	292	31	3279
18	MIZORAM	990	1674	1063	100	5	3832
19	NAGALAND	3155	2078	2229	1732	421	9615
20	ODISHA	837	1237	2225	1584	987	6870
21	PUDUCHERRY	164	81	51	20	4	320
22	PUNJAB	3	12	11	8	4	38
23	RAJASTHAN	0	3	14	8	4	29
24	TAMIL NADU	5318	1850	1453	1771	3015	13407
25	TELANGANA	678	740	784	289	45	2536
26	TRIPURA	0	38	3	0	0	41
27	UTTARAKHAND	231	487	250	82	9	1059
28	UTTAR PRADESH	1206	1938	2326	582	170	6222
29	WEST BENGAL	968	643	307	137	174	2229
Total		55207	60100	44748	24740	13045	197840

MINOR IRRIGATION CENSUS (2013-14)

Table.5.5 DISTRIBUTION OF SURFACE FLOW SCHEMES AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No.	State	Number and Cost of Construction of Surface Flow schemes over the years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDAMAN & NICOBARS	206	16460	28	3484	11	639	15	1601	12	1255	18	1520	17	1129	45	4385	352	30473
2	ANDHRA PRADESH	47447	5617741	1027	148948	747	179672	853	187602	503	114173	407	88151	334	72241	50	12092	51368	6420620
3	ARUNACHAL PRADESH	1671	1023844	509	491631	298	664810	156	286494	564	604017	678	2274980	523	982783	311	190627	4710	6519186
4	ASSAM	1381	2095525	58	1195622	72	207389	403	101256	148	52100	221	81280	78	4567	17	20852	2378	3758591
5	BIHAR	2093	164211	312	35856	131	18332	56	6680	42	3841	36	3436	33	2956	89	9640	2792	244952
6	CHHATISGARH	8514	514240	897	12065	882	9682	565	8454	281	29493	365	2006780	402	7811	337	8057	12243	2596582
7	GOA	1681	31443	346	6777	47	865	28	371	20	476	19	1089	3	52	0	0	2144	41073
8	GUJARAT	11763	3710810	303	262281	12	10301	24	7179	138	4944	42	1986	64	3453	0	0	12346	4000954
9	HARYANA	481	344815	8	700	2	0	3	100	0	0	1	300	1	0	2	0	498	345915
10	HIMACHAL PRADESH	10795	1065956	202	22551	138	17253	197	32876	122	16079	140	25460	306	38130	149	19978	12049	1238283
11	JAMMU & KASHMIR	2730	254311	9	6825	7	720	22	6910	13	15150	9	2680	8	1060	8	2305	2806	289961
12	JHARKHAND	26671	16315104	8971	3974556	3125	2596224	3978	3522771	2912	1567743	1417	1792977	1664	1509901	2306	5469439	51044	36748715
13	KARNATAKA	44737	13566539	6893	9546687	4306	699842	2837	432098	2486	439795	1601	460714	1575	231358	2091	11236570	66526	36613603
14	KERALA	5384	1211869	440	177962	303	158459	284	101127	312	116430	282	264775	131	160466	270	200634	7406	2391722
15	MADHYA PRADESH	42588	5748850	3867	729282	4785	286480	949	213368	600	468067	433	122296	1224	779227	893	120521	55339	8468091
16	MAHARASHTRA	69423	772159	8407	39575	3256	59083	2317	10008	5648	15091	982	13916	1609	8576	1456	15966	93098	934374
17	MANIPUR	481	455114	0	0	0	0	3	3000	0	0	0	0	160	423250	69	129300	713	1010664
18	MEGHALAYA	4949	759125	1114	143149	292	99906	310	256589	267	163824	306	411143	369	234587	337	286929	7944	2355252
19	MIZORAM	3112	905050	282	537575	399	932887	162	434633	182	468479	97	402026	44	51340	3	55090	4281	3787080
20	NAGALAND	12469	1682060	846	249963	768	352125	636	350753	447	235148	719	445342	701	485431	435	277727	17021	4078549
21	ODISHA	27078	5574933	2627	478062	1562	259030	1140	198461	924	209997	693	253884	620	139144	493	91521	35137	7205032
22	PUDUCHERRY	607	30776	15	0	9	153	6	0	7	0	1	0	0	0	39	5388	684	36317
23	PUNJAB	191	5568	1	0	1	0	3	0	1	0	0	0	0	0	2	20	199	5588
24	RAJASTHAN	1115	6712080	13	28170	2	200	9	280640	3	2220	12	1207	10	1349	19	1818	1183	7027684
25	SIKKIM	1344	278361	66	25067	82	47688	30	22588	53	153138	122	257898	41	97574	11	43867	1749	926181
26	TAMIL NADU	38725	4903213	1152	65675	660	59527	294	21810	609	45483	468	24446	775	49814	2089	76985	44772	5246953
27	TELANGANA	33499	2420003	883	59034	404	29804	391	19342	174	17653	248	21340	145	10871	334	16350	36078	2594397
28	TRIPURA	141	482621	19	81473	11	16176	12	52696	11	270	33	82011	11	56986	23	57172	261	829405
29	UTTARAKHAND	21761	5813845	3535	1173613	2848	1258757	1966	916539	2314	1254484	1831	1055463	1595	930313	856	412529	36706	12815543
30	UTTAR PRADESH	5168	928205	895	224832	766	206977	347	173214	179	49064	317	122368	161	26930	313	89671	8146	1821261
31	WEST BENGAL	17027	3701897	1549	240446	356	28854	201	117018	175	48887	207	27065	158	19180	510	100983	20183	4284330

MINOR IRRIGATION CENSUS (2013-14)

Table.5.5 DISTRIBUTION OF SURFACE FLOW SCHEMES AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No.	State	Number and Cost of Construction of Surface Flow schemes over the years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
	Total	445232	87106728	45274	19961861	26282	8201835	18197	7766178	19147	6097301	11705	10246533	12762	6330479	13557	18956416	592156	164667331

MINOR IRRIGATION CENSUS (2013-14)

Table.5.6 DISTRIBUTION OF SURFACE FLOW SCHEMES BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Surface Flow Schemes according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	185	150	16	0	1	352
2	ANDHRA PRADESH	35700	9167	4657	1187	657	51368
3	ARUNACHAL PRADESH	4709	0	0	0	1	4710
4	ASSAM	1908	160	46	22	242	2378
5	BIHAR	1939	656	142	23	32	2792
6	CHHATISGARH	11128	918	179	6	12	12243
7	GOA	1141	971	32	0	0	2144
8	GUJARAT	598	319	10968	172	289	12346
9	HARYANA	163	58	246	11	20	498
10	HIMACHAL PRADESH	10920	593	174	75	287	12049
11	JAMMU & KASHMIR	2579	63	72	29	63	2806
12	JHARKHAND	46042	4053	822	83	44	51044
13	KARNATAKA	26871	20852	14163	3197	1443	66526
14	KERALA	5896	1133	240	60	77	7406
15	MADHYA PRADESH	42159	10633	2189	219	139	55339
16	MAHARASHTRA	90396	2122	538	28	14	93098
17	MANIPUR	713	0	0	0	0	713
18	MEGHALAYA	4107	2901	821	77	38	7944

MINOR IRRIGATION CENSUS (2013-14)

Table.5.6 DISTRIBUTION OF SURFACE FLOW SCHEMES BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Surface Flow Schemes according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs. 100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
19	MIZORAM	3161	1086	25	6	3	4281
20	NAGALAND	8579	5935	1206	616	685	17021
21	ODISHA	29045	2635	2237	695	525	35137
22	PUDUCHERRY	356	143	182	3	0	684
23	PUNJAB	191	6	1	0	1	199
24	RAJASTHAN	862	114	69	45	93	1183
25	SIKKIM	1749	0	0	0	0	1749
26	TAMIL NADU	29450	10357	3941	617	407	44772
27	TELANGANA	21960	9642	3792	470	214	36078
28	TRIPURA	113	83	26	18	21	261
29	UTTARAKHAND	35968	166	393	67	112	36706
30	UTTAR PRADESH	5943	1730	316	74	83	8146
31	WEST BENGAL	9452	3215	5906	1413	197	20183
	Total	433983	89861	53399	9213	5700	592156

MINOR IRRIGATION CENSUS (2013-14)

Table.5.7 DISTRIBUTION OF SURFACE FLOW SCHEMES ACCORDING TO MAJOR SOURCE (UNDER INDIVIDUAL OWNERSHIP) OF FINANCE

(In Nos.)

Sl. No.	State	With Single source of Finance						With two Sources of finance								
		Bank loan	Govt.Fund	Own Saving	Money Lender	Others	Total (3 to 7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (9 to 15)	Grand Total (8 +16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	5	59	221	0	12	297	0	0	0	0	0	0	0	0	297
2	ANDHRA PRADESH	2	109	115	6	4	236	14	9	26	8	1	0	168	226	462
3	ARUNACHAL PRADESH	2	276	1	0	0	279	0	21	0	0	0	0	25	46	325
4	ASSAM	1	15	953	0	2	971	0	0	0	0	0	0	106	106	1077
5	BIHAR	2	28	95	2	15	142	5	14	10	24	0	2	214	269	411
6	CHHATISGARH	522	209	2568	3	437	3739	244	15	0	198	277	0	2900	3634	7373
7	GOA	10	10	1289	4	122	1435	1	0	0	0	0	0	5	6	1441
8	GUJARAT	5	1	244	0	7	257	3	0	0	0	0	0	1	4	261
9	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	12	12	12
10	HIMACHAL PRADESH	10	267	197	0	29	503	69	34	0	42	0	0	174	319	822
11	JAMMU & KASHMIR	0	4	1	0	0	5	0	0	0	0	0	0	0	0	5
12	JHARKHAND	225	16788	959	14	259	18245	30	100	0	598	4	6	4494	5232	23477
13	KARNATAKA	8558	1257	11964	345	1811	23935	10549	348	1951	2289	200	32	4998	20367	44302
14	KERALA	143	94	1839	2	530	2608	115	197	20	34	0	28	61	455	3063
15	MADHYA PRADESH	1346	609	6573	238	413	9179	298	195	74	163	14	0	1157	1901	11080
16	MAHARASHTRA	11893	11196	18680	36	1501	43306	5874	35	5	652	20	3	4060	10649	53955
17	MEGHALAYA	5	8	1540	1	8	1562	1	3	0	2	0	0	1711	1717	3279
18	MIZORAM	3	88	3439	2	2	3534	53	3	1	1	1	0	239	298	3832
19	NAGALAND	13	1370	8200	6	3	9592	0	7	0	2	0	3	11	23	9615
20	ODISHA	208	1495	3673	3	127	5506	122	966	87	42	3	6	138	1364	6870
21	PUDUCHERRY	270	0	0	0	50	320	0	0	0	0	0	0	0	0	320
22	PUNJAB	0	2	33	1	0	36	0	0	2	0	0	0	0	2	38
23	RAJASTHAN	0	6	6	0	0	12	4	12	1	0	0	0	0	17	29
24	TAMIL NADU	507	2249	2572	45	5683	11056	124	111	191	114	9	7	1795	2351	13407
25	TELANGANA	131	0	1238	15	56	1440	257	0	229	0	10	0	600	1096	2536
26	TRIPURA	0	8	31	0	2	41	0	0	0	0	0	0	0	0	41
27	UTTARAKHAND	0	185	21	15	5	226	3	12	118	0	1	0	699	833	1059
28	UTTAR PRADESH	428	596	4124	40	114	5302	128	58	306	56	6	2	364	920	6222
29	WEST BENGAL	93	42	918	16	43	1112	212	66	13	105	8	3	710	1117	2229
	Total	24382	36971	71494	794	11235	144876	18106	2206	3034	4330	554	92	24642	52964	197840

MINOR IRRIGATION CENSUS (2013-14)
Table.5.8 DISTRIBUTION OF SURFACE FLOW SCHEMES BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Schemes in use	Schemes not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDAMAN & NICOBARS	349	1	2	3	352
2	ANDHRA PRADESH	39129	10050	2189	12239	51,368
3	ARUNACHAL PRADESH	3576	957	177	1134	4,710
4	ASSAM	2268	96	14	110	2,378
5	BIHAR	2537	235	20	255	2,792
6	CHHATISGARH	12192	51	0	51	12,243
7	GOA	2104	8	32	40	2,144
8	GUJARAT	11215	677	454	1131	12,346
9	HARYANA	495	0	3	3	498
10	HIMACHAL PRADESH	11964	38	47	85	12,049
11	JAMMU & KASHMIR	2782	17	7	24	2,806
12	JHARKHAND	39275	11728	41	11769	51,044
13	KARNATAKA	64673	610	1243	1853	66,526
14	KERALA	7256	104	46	150	7,406
15	MADHYA PRADESH	54738	455	146	601	55,339
16	MAHARASHTRA	92418	590	90	680	93,098
17	MANIPUR	558	40	115	155	713
18	MEGHALAYA	7388	109	447	556	7,944
19	MIZORAM	4218	45	18	63	4,281
20	NAGALAND	15341	1662	18	1680	17,021
21	ODISHA	32238	2207	692	2899	35,137
22	PUDUCHERRY	598	63	23	86	684
23	PUNJAB	199	0	0	0	199
24	RAJASTHAN	752	341	90	431	1,183
25	SIKKIM	1160	374	215	589	1,749
26	TAMIL NADU	39220	3127	2425	5552	44,772
27	TELANGANA	17636	13883	4559	18442	36,078
28	TRIPURA	253	5	3	8	261
29	UTTARAKHAND	25607	7567	3532	11099	36,706
30	UTTAR PRADESH	7854	187	105	292	8,146
31	WEST BENGAL	19310	515	358	873	20,183
	Total	519303	55742	17111	72853	592156

MINOR IRRIGATION CENSUS (2013-14)
Table.5.9 DISTRIBUTION OF SURFACE FLOW SCHEMES TEMPORARILY NOT IN USE BY REASONS

(In Nos.)

Sl. No.	State	No. of Surface Flow Schemes Temporarily not in use due to							
		Non Availability of adequate Power/Fuel	Mechanical Break Down	Less discharge of water	Storage no filled up fully	Siltation of Channel / Storage	Channel Break Down	Others	Total (3 to 9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	0	0	0	0	0	0	1	1
2	ANDHRA PRADESH	111	192	2785	6075	457	86	344	10050
3	ARUNACHAL PRADESH	0	25	22	11	229	488	182	957
4	ASSAM	6	36	0	3	1	1	49	96
5	BIHAR	23	40	48	69	9	30	16	235
6	CHHATISGARH	14	7	7	8	1	5	9	51
7	GOA	1	2	1	0	0	0	4	8
8	GUJARAT	2	2	382	14	0	0	277	677
9	HIMACHAL PRADESH	8	0	3	1	2	14	10	38
10	JAMMU & KASHMIR	0	1	2	0	1	11	2	17
11	JHARKHAND	99	293	10752	210	120	7	247	11728
12	KARNATAKA	126	50	168	151	45	5	65	610
13	KERALA	17	13	13	12	19	4	26	104
14	MADHYA PRADESH	76	40	216	43	13	9	58	455
15	MAHARASHTRA	99	33	36	34	255	25	108	590
16	MANIPUR	0	0	34	1	0	5	0	40
17	MEGHALAYA	0	1	9	33	4	17	45	109
18	MIZORAM	0	4	1	0	1	22	17	45
19	NAGALAND	7	21	276	34	167	776	381	1662
20	ODISHA	125	251	490	275	350	84	632	2207
21	PUDUCHERRY	9	53	0	1	0	0	0	63
22	RAJASTHAN	0	0	7	325	0	0	9	341
23	SIKKIM	0	0	24	1	12	223	114	374
24	TAMIL NADU	381	193	606	1003	18	8	918	3127
25	TELANGANA	833	197	3649	5940	39	90	3135	13883
26	TRIPURA	1	0	0	0	0	0	4	5
27	UTTARAKHAND	115	56	269	160	130	4485	2352	7567
28	UTTAR PRADESH	24	26	66	12	4	2	53	187
29	WEST BENGAL	111	121	43	48	11	7	174	515
	Total	2188	1657	19909	14464	1888	6404	9232	55742

MINOR IRRIGATION CENSUS (2013-14)
Table.5.10 DISTRIBUTION OF SURFACE FLOW SCHEMES PERMANENTLY NOT IN USE BY REASONS

(In Nos.

Sl. No.	State	No. of Surface Flow Schemes Permanently not in use due to					
		Salinity	Dried up	Destroyed beyond repair	Sinking	Other reasons	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	0	0	0	0	2	2
2	ANDHRA PRADESH	7	1527	257	36	362	2189
3	ARUNACHAL PRADESH	0	22	112	32	11	177
4	ASSAM	0	2	0	0	12	14
5	BIHAR	0	2	4	9	5	20
6	GOA	1	4	0	1	26	32
7	GUJARAT	26	25	8	15	380	454
8	HARYANA	0	0	0	0	3	3
9	HIMACHAL PRADESH	9	27	6	2	3	47
10	JAMMU & KASHMIR	0	1	4	0	2	7
11	JHARKHAND	4	20	2	2	13	41
12	KARNATAKA	24	352	110	21	736	1243
13	KERALA	7	5	20	0	14	46
14	MADHYA PRADESH	18	34	29	7	58	146
15	MAHARASHTRA	7	60	1	0	22	90
16	MANIPUR	0	21	81	6	7	115
17	MEGHALAYA	0	19	370	6	52	447
18	MIZORAM	0	0	3	1	14	18
19	NAGALAND	1	5	6	3	3	18
20	ODISHA	21	112	373	37	149	692
21	PUDUCHERRY	1	0	21	0	1	23
22	RAJASTHAN	0	79	1	9	1	90
23	SIKKIM	0	1	17	13	184	215
24	TAMIL NADU	311	977	119	75	943	2425
25	TELANGANA	477	2378	72	277	1355	4559
26	TRIPURA	0	1	0	0	2	3
27	UTTARAKHAND	19	403	358	245	2507	3532
28	UTTAR PRADESH	9	23	31	2	40	105
29	WEST BENGAL	9	22	234	3	90	358
	Total	951	6122	2239	802	6997	17111

MINOR IRRIGATION CENSUS (2013-14)

Table.5.11 DISTRIBUTION OF SURFACE FLOW SCHEMES IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In no./Area in ha.)

Sl. No.	State	No. & PU of Surface Flow Schemes According to Water Distribution System															
		Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	5	14.33	210	181.8	1	0.52	95	89.38	0	0	0	0	38	40.7	349	326.73
2	ANDHRA PRADESH	2718	55064.17	33884	454208.63	155	648.63	374	3041.23	15	417.88	15	35.09	1968	7758.34	39129	521173.97
3	ARUNACHAL PRADESH	560	20763.63	2965	68188.73	9	65.8	41	3655.7	0	0	0	0	1	70	3576	92743.86
4	ASSAM	391	33297.57	1669	40135.87	6	387.4	24	231.05	0	0	1	1.4	177	6806.25	2268	80859.54
5	BIHAR	444	14939.6	578	13508.05	50	1578.5	1382	50174.42	5	96	1	16	77	2404.5	2537	82717.07
6	CHHATISGARH	2199	13515.64	6669	55986.51	143	355.27	2444	8418.64	11	129.2	71	86	655	3431.89	12192	81923.15
7	GOA	194	205.99	1650	2186.53	10	17.26	24	17.14	8	6.77	74	91.89	144	89.46	2104	2615.04
8	GUJARAT	29	2013.26	133	21235.6	145	392.62	10757	56852.33	82	207.71	0	0	69	321.58	11215	81023.1
9	HARYANA	193	868	234	1330	41	126	2	0	0	0	0	0	25	72	495	2396
10	HIMACHAL PRADESH	3047	40392.79	7245	77784.95	66	973.18	1187	5211.12	62	84.42	62	89.6	295	2006.14	11964	126542.2
11	JAMMU & KASHMIR	84	3632.26	2627	142800.26	0	0	1	22	0	0	0	0	70	1592.68	2782	148047.2
12	JHARKHAND	2724	4547.62	33538	87190.46	105	217.08	1117	2647.54	28	90.15	5	11.35	1758	4028.66	39275	98732.86
13	KARNATAKA	19627	125901.85	10926	36782.16	24255	77832.72	4661	15764.93	757	3548.14	1993	25780.79	2454	5037.79	64673	290648.38
14	KERALA	1200	22652.76	4464	49348.51	255	10772.65	706	5452.39	14	12.08	66	138.42	551	9811.02	7256	98187.83
15	MADHYA PRADESH	5471	53023.8	10782	98983.17	6367	55303.99	28900	253840.35	94	2069.2	1332	12887.51	1792	23656.81	54738	499764.83
16	MAHARASHTRA	25115	281700.71	39376	289803.23	17181	58531.03	5392	51868.19	177	321.01	421	1602.73	4756	25956.68	92418	709783.58
17	MANIPUR	447	12592	111	2843	0	0	0	0	0	0	0	0	0	0	558	15435
18	MEGHALAYA	461	24477.47	6122	59566.85	17	174.45	318	10579.14	165	2467.5	2	46.8	303	6313.55	7388	103625.76
19	MIZORAM	325	9613.01	3203	3923.93	8	87.02	444	2103.17	1	20	1	3	236	312.17	4218	16062.3
20	NAGALAND	588	7339.18	14726	42017.83	8	20.27	11	90.8	6	7.88	0	0	2	21	15341	49496.96
21	ODISHA	3464	57728.9	27292	280137.1	169	1902	922	5866.94	15	75.93	9	46.36	367	1271.76	32238	347028.99
22	PUDUCHERRY	334	7095.29	257	929.85	2	53.23	3	61.09	0	0	0	0	2	9.7	598	8149.16
23	PUNJAB	81	4352.06	92	4129.18	6	150.4	17	146.5	0	0	0	0	3	485.48	199	9263.62
24	RAJASTHAN	293	35413.35	350	23579.7	2	183	102	4629.69	0	0	0	0	5	392.43	752	64198.17
25	SIKKIM	1015	11946.82	142	1639.25	3	10.2	0	0	0	0	0	0	0	0	1160	13596.27
26	TAMIL NADU	9640	108116.1	23737	268115.78	781	3935.3	2149	7728.14	89	493.71	228	1127.33	2596	58806.66	39220	448323.02
27	TELANGANA	4737	87499.44	11196	238626.44	425	5614.75	484	7450.74	4	77.68	8	5.64	782	7746.18	17636	347020.87
28	TRIPURA	57	6452.7	168	5539.88	5	148	2	30.2	0	0	0	0	21	569.85	253	12740.63
29	UTTARAKHAND	21277	216873.5	2030	53970.98	275	3142.99	852	3171.75	30	208.75	162	1347.21	981	6251.81	25607	284966.99

MINOR IRRIGATION CENSUS (2013-14)

Table.5.11 DISTRIBUTION OF SURFACE FLOW SCHEMES IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In no./Area in ha.)

Sl. No.	State	No. & PU of Surface Flow Schemes According to Water Distribution System															
		Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
30	UTTAR PRADESH	675	4344.54	3933	14139.86	159	344.05	2617	8730.07	18	283.39	126	628.1	326	2833.11	7854	31303.12
31	WEST BENGAL	2570	28496.38	15416	59095.2	210	2249.19	531	4343.94	13	37.73	6	183.11	564	5569.74	19310	99975.29
	Total	109965	1294874.72	265725	2497909.29	50859	225217.5	65559	512218.58	1594	10655.13	4583	44128.33	21018	183667.94	519303	4768671.49

MINOR IRRIGATION CENSUS (2013-14)
Table.5.12 DISTRIBUTION OF SURFACE FLOW SCHEMES BY LOCATION IN THE COMMAND OF MAJOR/MEDIUM PROJECTS

(In Nos.)

Sl. No.	State	No. of Surface Flow Schemes by location			
		Outside command	Inside command	Inside command for augmentatio only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDAMAN & NICOBARS	352	0	0	352
2	ANDHRA PRADESH	41960	5110	4298	51368
3	ARUNACHAL PRADESH	4710	0	0	4710
4	ASSAM	2245	113	20	2378
5	BIHAR	2714	78	0	2792
6	CHHATISGARH	11596	618	29	12243
7	GOA	2077	51	16	2144
8	GUJARAT	12295	50	1	12346
9	HARYANA	494	3	1	498
10	HIMACHAL PRADESH	12045	3	1	12049
11	JAMMU & KASHMIR	2704	58	44	2806
12	JHARKHAND	50287	757	0	51044
13	KARNATAKA	53101	2404	11021	66526
14	KERALA	6209	1191	6	7406
15	MADHYA PRADESH	51101	1231	3007	55339
16	MAHARASHTRA	62081	30788	229	93098
17	MANIPUR	711	2	0	713
18	MEGHALAYA	7923	5	16	7944
19	MIZORAM	4281	0	0	4281
20	NAGALAND	16976	3	42	17021
21	ODISHA	32259	2379	499	35137
22	PUDUCHERRY	360	247	77	684
23	PUNJAB	115	84	0	199
24	RAJASTHAN	1161	22	0	1183
25	SIKKIM	1667	1	81	1749
26	TAMIL NADU	42008	1281	1483	44772
27	TELANGANA	32412	2103	1563	36078
28	TRIPURA	261	0	0	261
29	UTTARAKHAND	36016	653	37	36706
30	UTTAR PRADESH	7709	437	0	8146
31	WEST BENGAL	19893	162	128	20183
	Total	519723	49834	22599	592156

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13A CCA AND SEASON WISE POTENTIAL CREATED THROUGH ALL SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	559.01	297.7	278.36	0.24	1.2	577.5
2	ANDHRA PRADESH	866904.31	640623.81	344218	6729.05	805.09	992375.95
3	ARUNACHAL PRADESH	111588.32	91323.07	52285.73	351.4	4045.05	148005.25
4	ASSAM	152150.22	104182.96	28248.53	2	732.88	133166.37
5	BIHAR	85579.06	36376.2	31211.13	18572.93	16279.41	102439.67
6	CHHATISGARH	102617.04	43185.59	43550.78	38.03	18.44	86792.84
7	GOA	2812.31	147.87	1018.91	1384.07	108.08	2658.93
8	GUJARAT	102374.09	86595.67	12952.44	44.4	368.48	99960.99
9	HARYANA	1428.5	1224	1189	0	0	2413
10	HIMACHAL PRADESH	93183.93	71472.58	66212.78	376.15	231.2	138292.71
11	JAMMU & KASHMIR	131259.51	112758.24	40561.93	760.51	31	154111.68
12	JHARKHAND	179093.29	78571.46	36998	2125.2	3018.34	120713
13	KARNATAKA	374587.5	187544.09	52688.56	60720.67	17806.76	318760.08
14	KERALA	87425.43	28616.15	42769.87	25211.84	12809.2	109407.06
15	MADHYA PRADESH	748281.12	119101.7	490615.07	652.93	312.56	610682.26
16	MAHARASHTRA	815570.02	522606.37	261899.35	103516.23	37327.47	925349.42
17	MANIPUR	22699	17631	1147	0	0	18778
18	MEGHALAYA	113258.91	95455.28	24141.48	8097.73	2106.6	129801.09
19	MIZORAM	22207.29	18854.86	7492.52	153.7	1931.86	28432.94
20	NAGALAND	85878.38	63984.74	11961.69	748.66	543.44	77238.53
21	ODISHA	522326.15	454892.77	100513.12	1677.89	200.92	557284.7
22	PUDUCHERRY	9326.43	51.77	7725.8	101.01	297.13	8175.71
23	PUNJAB	5201.54	4333.23	4358.96	697.64	53.79	9443.62
24	RAJASTHAN	106734.74	13711.91	102693.55	131.91	970.71	117508.08
25	SIKKIM	20417.96	12239.22	5447.69	2365.74	3521.85	23574.5
26	TAMIL NADU	546531.82	271406.17	351172.31	22993.64	13105.74	658677.86
27	TELANGANA	610192.32	539976.16	189994.28	1876.23	2957.82	734804.49
28	TRIPURA	9214.15	8368.49	6580.15	0	1176.05	16124.69
29	UTTARAKHAND	244538.42	178676.03	165844.89	8540.6	28913.84	381975.36
30	UTTAR PRADESH	49112.22	18740.03	18718.3	5129.6	4488.47	47076.4
31	WEST BENGAL	152258.63	70041.7	43469.35	6189.48	11410.07	131110.6
	Total	6375311.62	3892990.82	2547959.53	279189.48	165573.45	6885713.28

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13B CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	557	296.4	277.36	0.24	1.2	575.2
2	ANDHRA PRADESH	715448.7	537486.17	267275.63	6035.07	626.8	811423.67
3	ARUNACHAL PRADESH	75957.02	63133.97	37239.18	258.7	2822.8	103454.65
4	ASSAM	143845.85	99967.18	27133.86	2	731.38	127834.42
5	BIHAR	81533.83	34816.99	29867.5	17613.22	15571.18	97868.89
6	CHHATISGARH	102003.73	42786.24	43524.05	38.03	18.44	86366.76
7	GOA	2775.58	147.87	1015.9	1383.96	107.04	2654.77
8	GUJARAT	90482.98	81942.37	12632.44	44.4	308.48	94927.69
9	HARYANA	1419.5	1216	1181	0	0	2397
10	HIMACHAL PRADESH	92778.42	71352.18	66143.79	376.15	231.2	138103.32
11	JAMMU & KASHMIR	130968.27	112527.09	40500.65	760.51	31	153819.25
12	JHARKHAND	138338.17	76421.41	36290.15	2028.2	2890.21	117629.97
13	KARNATAKA	356189.54	183622.13	50619.41	59903.56	17431.46	311576.56
14	KERALA	85680.41	28218.3	42376.89	24747.17	12619	107961.36
15	MADHYA PRADESH	738236.2	118322.76	484183.84	638.33	310.56	603455.49
16	MAHARASHTRA	812737.4	520333.42	261522.88	103488.54	37291.47	922636.31
17	MANIPUR	17426	17362	1132	0	0	18494
18	MEGHALAYA	103981.21	87045.18	21311.58	8092.23	1852.5	118301.49
19	MIZORAM	20615.39	17652.06	7034.42	148.7	1916.86	26752.04
20	NAGALAND	78024.58	57821.07	11244.29	746.66	539.54	70351.56
21	ODISHA	489168.77	426256.08	93756.49	1302.68	157.36	521472.61
22	PUDUCHERRY	9177.34	46.97	7721	101.01	280.18	8149.16
23	PUNJAB	5201.54	4333.23	4358.96	697.64	53.79	9443.62
24	RAJASTHAN	81955.54	6225.49	79052.27	0	867.35	86145.11
25	SIKKIM	14111.69	8956.99	3945.88	1643.51	2403.15	16949.53

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13B CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26	TAMIL NADU	464729.87	228374.66	302119.68	21114.59	10034.77	561643.7
27	TELANGANA	400295.39	356017.65	143921.7	1876.23	2446.55	504262.13
28	TRIPURA	9003.15	8287.59	6511.15	0	1163.05	15961.79
29	UTTARAKHAND	196001.36	143366.58	133589.96	7826.9	24677.95	309461.39
30	UTTAR PRADESH	45221.75	18313.82	18315.98	5078.58	4379.47	46087.85
31	WEST BENGAL	145905.83	66603.45	40985.76	5863.33	10992.07	124444.61
	Total	5649772.01	3419253.3	2276785.65	271810.14	152756.81	6120605.9

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13C CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	1.5	1	0.5	0	0	1.5
2	ANDHRA PRADESH	125856.03	82901.34	63628.69	679.87	178.29	147388.19
3	ARUNACHAL PRADESH	27448.3	24840.9	14313.5	88.7	1149	40392.1
4	ASSAM	7881.27	4130.78	1074.67	0	1.5	5206.95
5	BIHAR	3995.29	1533.21	1322.63	957	708	4520.84
6	CHHATISGARH	613.31	399.35	26.73	0	0	426.08
7	GOA	2.73	0	1.12	0.11	0.5	1.73
8	GUJARAT	4020	3921.8	105	0	0	4026.8
9	HIMACHAL PRADESH	254.42	37.88	27.72	0	0	65.6
10	JAMMU & KASHMIR	209.67	169.03	31.22	0	0	200.25
11	JHARKHAND	40693.04	2108.49	698.56	96	127.07	3030.12
12	KARNATAKA	8094.62	3318.96	1925.52	530.67	372.57	6147.72
13	KERALA	1188.47	320.72	275.95	228.59	122.07	947.33
14	MADHYA PRADESH	8667.68	604.67	5924.95	4.6	2	6536.22
15	MAHARASHTRA	2104.11	1647.69	278.72	23.19	31.5	1981.1
16	MANIPUR	1829	20	0	0	0	20
17	MEGHALAYA	3484.6	2950.5	1153	5.5	85	4194

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13C CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18	MIZORAM	1156.9	861.8	303.1	5	5	1174.9
19	NAGALAND	7796.1	6156.67	717.4	2	3.9	6879.97
20	ODISHA	26970.48	23290.62	5635.44	369.53	43.51	29339.1
21	PUDUCHERRY	117.27	4.8	4.8	0	14.86	24.46
22	RAJASTHAN	20396.83	6784.24	19333.61	131.91	71	26320.76
23	SIKKIM	4112.9	2447.42	1111.27	490.53	755.66	4804.88
24	TAMIL NADU	56279.95	32622.87	37112.62	1278.3	2482.32	73496.11
25	TELANGANA	172063.06	151127.22	32620.54	0	511.27	184259.03
26	TRIPURA	155	24.9	34	0	0	58.9
27	UTTARAKHAND	35565.27	26413.24	24404.59	532.51	2971.78	54322.12
28	UTTAR PRADESH	855.42	318.18	278.29	41.02	98	735.49
29	WEST BENGAL	4162.88	2224.7	1571.38	194.5	363.72	4354.3
	Total	565976.1	381182.98	213915.52	5659.53	10098.52	610856.55

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13D CCA AND SEASON WISE POTENTIAL CREATED (PERMANETLY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	0.51	0.3	0.5	0	0	0.8
2	ANDHRA PRADESH	25599.58	20236.3	13313.68	14.11	0	33564.09
3	ARUNACHAL PRADESH	8183	3348.2	733.05	4	73.25	4158.5
4	ASSAM	423.1	85	40	0	0	125
5	BIHAR	49.94	26	21	2.71	0.23	49.94
6	GOA	34	0	1.89	0	0.54	2.43
7	GUJARAT	7871.11	731.5	215	0	60	1006.5
8	HARYANA	9	8	8	0	0	16
9	HIMACHAL PRADESH	151.09	82.52	41.27	0	0	123.79
10	JAMMU & KASHMIR	81.57	62.12	30.06	0	0	92.18
11	JHARKHAND	62.08	41.56	9.29	1	1.06	52.91
12	KARNATAKA	10303.34	603	143.63	286.44	2.73	1035.8
13	KERALA	556.55	77.13	117.03	236.08	68.13	498.37
14	MADHYA PRADESH	1377.24	174.27	506.28	10	0	690.55
15	MAHARASHTRA	728.51	625.26	97.75	4.5	4.5	732.01
16	MANIPUR	3444	249	15	0	0	264
17	MEGHALAYA	5793.1	5459.6	1676.9	0	169.1	7305.6
18	MIZORAM	435	341	155	0	10	506
19	NAGALAND	57.7	7	0	0	0	7
20	ODISHA	6186.9	5346.07	1121.19	5.68	0.05	6472.99
21	PUDUCHERRY	31.82	0	0	0	2.09	2.09
22	RAJASTHAN	4382.37	702.18	4307.67	0	32.36	5042.21
23	SIKKIM	2193.37	834.81	390.54	231.7	363.04	1820.09
24	TAMIL NADU	25522	10408.64	11940.01	600.75	588.65	23538.05

MINOR IRRIGATION CENSUS (2013-14)

Table.5.13D CCA AND SEASON WISE POTENTIAL CREATED (PERMANETLY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(In Ha.)

Sl. No.	State	Culturable command Area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	TELANGANA	37833.87	32831.29	13452.04	0	0	46283.33
26	TRIPURA	56	56	35	0	13	104
27	UTTARAKHAND	12971.79	8896.21	7850.34	181.19	1264.11	18191.85
28	UTTAR PRADESH	3035.05	108.03	124.03	10	11	253.06
29	WEST BENGAL	2189.92	1213.55	912.21	131.65	54.28	2311.69
	Total	159563.51	92554.54	57258.36	1719.81	2718.12	154250.83

MINOR IRRIGATION CENSUS (2013-14)
Table.5.14 SEASON WISE POTENTIAL UTILISED THROUGH ALL SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	161.66	164.77	0	0.9	327.33	161.66	164.77	0	0.9	327.33
2	ANDHRA PRADESH	61213.41	29035.41	635.22	0	90884.04	319956.82	116263.29	3072.42	2.57	439295.1	381170.23	145298.7	3707.64	2.57	530179.14
3	ARUNACHAL PRADESH	0	0	0	0	0	78944.92	46012.09	213.75	3655.3	128826.06	78944.92	46012.09	213.75	3655.3	128826.06
4	ASSAM	1136.16	366.95	0	0	1503.11	66119.84	14029.76	2	623.01	80774.61	67256	14396.71	2	623.01	82277.72
5	BIHAR	584.32	310.5	90	65.64	1050.46	32659.1	28558.31	13777.5	10380.91	85375.82	33243.42	28868.81	13867.5	10446.55	86426.28
6	CHHATISGARH	1484.48	402.99	0	0	1887.47	38711.4	41694.71	37.23	18.42	80461.76	40195.88	42097.7	37.23	18.42	82349.23
7	GOA	9.46	46.08	4.42	2	61.96	130.2	942.91	1376.8	103.42	2553.33	139.66	988.99	1381.22	105.42	2615.29
8	GUJARAT	2012	1061	32.38	0	3105.38	73854.12	7249.31	9.21	306.48	81419.12	75866.12	8310.31	41.59	306.48	84524.5
9	HARYANA	1	1	0	0	2	1214	1180	0	0	2394	1215	1181	0	0	2396
10	HIMACHAL PRADESH	1.65	1.35	0	0	3	66873.88	59104.06	376.12	231.2	126585.26	66875.53	59105.41	376.12	231.2	126588.26
11	JAMMU & KASHMIR	3870.58	1377.1	8.28	0.25	5256.21	107435.43	34808.37	731.69	14.49	142989.98	111306.01	36185.47	739.97	14.74	148246.19
12	JHARKHAND	1368.97	558.23	105.39	85.17	2117.76	64139.05	30114.16	1654.56	2347.55	98255.32	65508.02	30672.39	1759.95	2432.72	100373.08
13	KARNATAKA	7183.03	1825.36	787.31	2876.75	12672.45	167981.39	44295.63	57995.07	11955.67	282227.76	175164.42	46120.99	58782.38	14832.42	294900.21
14	KERALA	2379.56	2765.3	2112.26	1059.03	8316.15	22726.26	36448.81	21593.57	9643.83	90412.47	25105.82	39214.11	23705.83	10702.86	98728.62
15	MADHYA PRADESH	5207.08	20688.71	0	3	25898.79	77603.1	401576.38	395.67	171.22	479746.37	82810.18	422265.09	395.67	174.22	505645.16
16	MAHARASHTRA	104833.04	54474.57	16418.08	2200.17	177925.86	305689.53	160333.48	56906.69	10227.3	533157	410522.57	214808.05	73324.77	12427.47	711082.86
17	MANIPUR	0	0	0	0	0	14948	505	0	0	15453	14948	505	0	0	15453
18	MEGHALAYA	2.01	2.01	2	2	8.02	82824.69	13695.51	7427.19	1081.15	105028.54	82826.7	13697.52	7429.19	1083.15	105036.56
19	MIZORAM	0	0	0	0	0	12562.23	2991.77	90.8	417.5	16062.3	12562.23	2991.77	90.8	417.5	16062.3
20	NAGALAND	0	0	0	0	0	42704.47	6810.5	511.4	329.79	50356.16	42704.47	6810.5	511.4	329.79	50356.16
21	ODISHA	20446.92	4393.96	2.36	5.48	24848.72	282035.84	42695.14	742.41	53.02	325526.41	302482.76	47089.1	744.77	58.5	350375.13
22	PUDUCHERRY	51.77	51.77	0	295.04	398.58	0	7674.03	101.01	0	7775.04	51.77	7725.8	101.01	295.04	8173.62
23	PUNJAB	1083.64	1098.04	40.78	0.6	2223.06	3144.59	3185.92	656.86	53.19	7040.56	4228.23	4283.96	697.64	53.79	9263.62
24	RAJASTHAN	0	399.99	0	0	399.99	569.42	62464.41	0	764.35	63798.18	569.42	62864.4	0	764.35	64198.17
25	SIKKIM	0	0	0	0	0	9003.82	3825.54	1626.08	2439.29	16894.73	9003.82	3825.54	1626.08	2439.29	16894.73
26	TAMIL NADU	3330.7	10968.02	2764.67	336.79	17400.18	199417.16	216334.58	16437.9	6325.09	438514.73	202747.86	227302.6	19202.57	6661.88	455914.91
27	TELANGANA	46600.91	21584.41	0	0	68185.32	220899.68	59534.05	1767.55	2327.91	284529.19	267500.59	81118.46	1767.55	2327.91	352714.51
28	TRIPURA	0	0	0	0	0	6583.96	5312.24	0	846.23	12742.43	6583.96	5312.24	0	846.23	12742.43

MINOR IRRIGATION CENSUS (2013-14)

Table.5.14 SEASON WISE POTENTIAL UTILISED THROUGH ALL SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
29	UTTARAKHAND	6838.43	6858.78	590.5	688.44	14976.15	141751.26	130561.26	6882.13	22974	302168.65	148589.69	137420.04	7472.63	23662.44	317144.8
30	UTTAR PRADESH	423.54	504.56	29.25	32.5	989.85	11602.61	13198.18	3212.45	2919.37	30932.61	12026.15	13702.74	3241.7	2951.87	31922.46
31	WEST BENGAL	502.58	275.53	66.6	99.98	944.69	56123.72	32450.36	4593.06	8367.45	101534.59	56626.3	32725.89	4659.66	8467.43	102479.28
	Total	270565.24	159051.62	23689.5	7752.84	461059.2	2508372.15	1624014.53	202191.12	98580.61	4433158.41	2778937.39	1783066.15	225880.62	106333.45	4894217.61

MINOR IRRIGATION CENSUS (2013-14)

Table.5.14A SEASON WISE POTENTIAL UTILISED (IN USE) THROUGH SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	161.46	164.37	0	0.9	326.73	161.46	164.37	0	0.9	326.73
2	ANDHRA PRADESH	58578.87	28686.74	635.22	0	87900.83	315556.12	114643.62	3072.42	0.98	433273.14	374134.99	143330.36	3707.64	0.98	521173.97
3	ARUNACHAL PRADESH	0	0	0	0	0	57249.62	32735.89	171.05	2587.3	92743.86	57249.62	32735.89	171.05	2587.3	92743.86
4	ASSAM	706.33	189.5	0	0	895.83	65547.04	13792.16	2	622.51	79963.71	66253.37	13981.66	2	622.51	80859.54
5	BIHAR	577.32	303.5	89	65.64	1035.46	31342.89	27331.31	13076.5	9930.91	81681.61	31920.21	27634.81	13165.5	9996.55	82717.07
6	CHHATISGARH	1484.48	402.99	0	0	1887.47	38312.05	41667.98	37.23	18.42	80035.68	39796.53	42070.97	37.23	18.42	81923.15
7	GOA	9.46	46.08	4.42	2	61.96	130.2	942.77	1376.69	103.42	2553.08	139.66	988.85	1381.11	105.42	2615.04
8	GUJARAT	2012	1061	32.38	0	3105.38	70352.72	7249.31	9.21	306.48	77917.72	72364.72	8310.31	41.59	306.48	81023.1
9	HARYANA	1	1	0	0	2	1214	1180	0	0	2394	1215	1181	0	0	2396
10	HIMACHAL PRADESH	1.65	1.35	0	0	3	66847.82	59084.06	376.12	231.2	126539.2	66849.47	59085.41	376.12	231.2	126542.2
11	JAMMU & KASHMIR	3804.02	1377.1	8.28	0.25	5189.65	107333.97	34777.4	731.69	14.49	142857.55	111137.99	36154.5	739.97	14.74	148047.2
12	JHARKHAND	1316.54	555.21	105.39	85.17	2062.31	62991.13	29704.17	1644.19	2331.06	96670.55	64307.67	30259.38	1749.58	2416.23	98732.86
13	KARNATAKA	6024.83	1824.76	787.31	2865.95	11502.85	166344.71	43647.97	57467.43	11685.42	279145.53	172369.54	45472.73	58254.74	14551.37	290648.38
14	KERALA	2354.32	2729.26	2103.57	1054.56	8241.71	22591.23	36328.41	21451.6	9574.88	89946.12	24945.55	39057.67	23555.17	10629.44	98187.83
15	MADHYA PRADESH	5124.08	20616.61	0	3	25743.69	77322.62	396137.23	392.07	169.22	474021.14	82446.7	416753.84	392.07	172.22	499764.83
16	MAHARASHTRA	104714.64	54471.32	16415.83	2200.17	177801.96	304624.58	160243.99	56885.75	10227.3	531981.62	409339.22	214715.31	73301.58	12427.47	709783.58
17	MANIPUR	0	0	0	0	0	14930	505	0	0	15435	14930	505	0	0	15435
18	MEGHALAYA	2.01	2.01	2	2	8.02	81618.09	13509.81	7427.19	1062.65	103617.74	81620.1	13511.82	7429.19	1064.65	103625.76
19	MIZORAM	0	0	0	0	0	12562.23	2991.77	90.8	417.5	16062.3	12562.23	2991.77	90.8	417.5	16062.3
20	NAGALAND	0	0	0	0	0	42012.12	6644.15	510.9	329.79	49496.96	42012.12	6644.15	510.9	329.79	49496.96
21	ODISHA	20375.19	4371.05	2.36	5.48	24754.08	279489.3	42015.51	717.56	52.54	322274.91	299864.49	46386.56	719.92	58.02	347028.99
22	PUDUCHERRY	46.97	46.97	0	280.18	374.12	0	7674.03	101.01	0	7775.04	46.97	7721	101.01	280.18	8149.16
23	PUNJAB	1083.64	1098.04	40.78	0.6	2223.06	3144.59	3185.92	656.86	53.19	7040.56	4228.23	4283.96	697.64	53.79	9263.62
24	RAJASTHAN	0	399.99	0	0	399.99	569.42	62464.41	0	764.35	63798.18	569.42	62864.4	0	764.35	64198.17
25	SIKKIM	0	0	0	0	0	7307.67	3082.58	1271.88	1934.14	13596.27	7307.67	3082.58	1271.88	1934.14	13596.27
26	TAMIL NADU	3313.51	10704.6	2751.22	227.89	16997.22	196907.71	212341.81	16294.75	5781.53	431325.8	200221.22	223046.41	19045.97	6009.42	448323.02
27	TELANGANA	46600.91	21584.41	0	0	68185.32	216907.9	57832.19	1767.55	2327.91	278835.55	263508.81	79416.6	1767.55	2327.91	347020.87
28	TRIPURA	0	0	0	0	0	6583.06	5311.34	0	846.23	12740.63	6583.06	5311.34	0	846.23	12740.63
29	UTTARAKHAND	6808.97	6833.74	590.5	686.86	14920.07	125580.53	115985.59	6652.2	21828.6	270046.92	132389.5	122819.33	7242.7	22515.46	284966.99
30	UTTAR PRADESH	420.64	501.58	29.25	32.25	983.72	11337.59	12960.98	3185.52	2835.31	30319.4	11758.23	13462.56	3214.77	2867.56	31303.12
31	WEST BENGAL	497.54	274.69	66.6	99.98	938.81	54828.89	31594.21	4472.59	8140.79	99036.48	55326.43	31868.9	4539.19	8240.77	99975.29

MINOR IRRIGATION CENSUS (2013-14)

Table.5.14A SEASON WISE POTENTIAL UTILISED (IN USE) THROUGH SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
	Total	265858.92	158083.5	23664.11	7611.98	455218.51	2441701.26	1577729.94	199842.76	94179.02	4313452.98	2707560.18	1735813.44	223506.87	101791	4768671.49

MINOR IRRIGATION CENSUS (2013-14)

Table.5.14B SEASON WISE POTENTIAL UTILISED (TEMPORARY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	0.2	0.4	0	0	0.6	0.2	0.4	0	0	0.6
2	ANDHRA PRADESH	2634.5	348.6	0	0	2983.21	4400.7	1619.6	0	1.59	6021.96	7035.24	1968.34	0	1.59	9005.17
3	ARUNACHAL PRADESH	0	0	0	0	0	21695.	13276	42.7	1068	36082.2	21695.3	13276.2	42.7	1068	36082.2
4	ASSAM	429.83	177.4	0	0	607.28	572.8	237.6	0	0.5	810.9	1002.63	415.05	0	0.5	1418.18
5	BIHAR	7	7	1	0	15	1316.2	1227	701	450	3694.21	1323.21	1234	702	450	3709.21
6	CHHATISGARH	0	0	0	0	0	399.35	26.73	0	0	426.08	399.35	26.73	0	0	426.08
7	GOA	0	0	0	0	0	0	0.14	0.11	0	0.25	0	0.14	0.11	0	0.25
8	GUJARAT	0	0	0	0	0	3501.4	0	0	0	3501.4	3501.4	0	0	0	3501.4
9	HIMACHAL PRADESH	0	0	0	0	0	26.06	20	0	0	46.06	26.06	20	0	0	46.06
10	JAMMU & KASHMIR	66.56	0	0	0	66.56	101.46	30.97	0	0	132.43	168.02	30.97	0	0	198.99
11	JHARKHAND	52.43	3.02	0	0	55.45	1147.9	409.99	10.37	16.49	1584.77	1200.35	413.01	10.37	16.49	1640.22
12	KARNATAKA	1158.2	0.6	0	10.8	1169.6	1636.6	647.66	527.64	270.25	3082.23	2794.88	648.26	527.64	281.05	4251.83
13	KERALA	25.24	36.04	8.69	4.47	74.44	135.03	120.4	141.97	68.95	466.35	160.27	156.44	150.66	73.42	540.79
14	MADHYA PRADESH	83	72.1	0	0	155.1	280.48	5439.1	3.6	2	5725.23	363.48	5511.25	3.6	2	5880.33
15	MAHARASHTRA	118.4	3.25	2.25	0	123.9	1064.9	89.49	20.94	0	1175.38	1183.35	92.74	23.19	0	1299.28
16	MANIPUR	0	0	0	0	0	18	0	0	0	18	18	0	0	0	18

MINOR IRRIGATION CENSUS (2013-14)

Table.5.14B SEASON WISE POTENTIAL UTILISED (TEMPORARY NOT IN USE) THROUGH SURFACE FLOW SCHEMES

(Area in ha.)

Sl. No.	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
17	MEGHALAYA	0	0	0	0	0	1206.6	185.7	0	18.5	1410.8	1206.6	185.7	0	18.5	1410.8
18	MIZORAM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	NAGALAND	0	0	0	0	0	692.35	166.35	0.5	0	859.2	692.35	166.35	0.5	0	859.2
20	ODISHA	71.73	22.91	0	0	94.64	2546.5	679.63	24.85	0.48	3251.5	2618.27	702.54	24.85	0.48	3346.14
21	PUDUCHERRY	4.8	4.8	0	14.86	24.46	0	0	0	0	0	4.8	4.8	0	14.86	24.46
22	RAJASTHAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	SIKKIM	0	0	0	0	0	1696.1	742.96	354.2	505.15	3298.46	1696.15	742.96	354.2	505.15	3298.46
24	TAMIL NADU	17.19	263.4	13.45	108.9	402.96	2509.4	3992.7	143.15	543.56	7188.93	2526.64	4256.19	156.6	652.46	7591.89
25	TELANGANA	0	0	0	0	0	3991.7	1701.8	0	0	5693.64	3991.78	1701.86	0	0	5693.64
26	TRIPURA	0	0	0	0	0	0.9	0.9	0	0	1.8	0.9	0.9	0	0	1.8
27	UTTARAKHAND	29.46	25.04	0	1.58	56.08	16170.	14575	229.93	1145.4	32121.73	16200.19	14600.7	229.93	1146.98	32177.81
28	UTTAR PRADESH	2.9	2.98	0	0.25	6.13	265.02	237.2	26.93	84.06	613.21	267.92	240.18	26.93	84.31	619.34
29	WEST BENGAL	5.04	0.84	0	0	5.88	1294.8	856.15	120.47	226.66	2498.11	1299.87	856.99	120.47	226.66	2503.99
	Total	4706.3	968.1	25.39	140.86	5840.69	66670.	46284	2348.36	4401.59	119705.43	71377.21	47252.7	2373.75	4542.45	125546.12

MINOR IRRIGATION CENSUS (2013-14)

Table.5.15 DISTRIBUTION OF SURFACE FLOW SCHEMES (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl. No.	State	No. of Surface Flow Schemes Having Constraints in utillsation of potential										
		No. of Schemes in use	No.of Schemes without constraints	Inadequate power supply	Mechanical Break Down	Less discharge of Water	Storage not filled up fully	Silitation of Canal / Storage	Channel Break Down	Others	Total (5 to 11)	Grand Total (4 + 12)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1	ANDAMAN & NICOBARS	349	348	0	1	0	0	0	0	0	1	349
2	ANDHRA PRADESH	39129	27732	0	405	849	8751	316	289	787	11397	39129
3	ARUNACHAL PRADESH	3576	3031	0	3	11	9	106	166	250	545	3576
4	ASSAM	2268	2137	0	33	2	0	6	1	89	131	2268
5	BIHAR	2537	2256	0	134	33	83	12	2	17	281	2537
6	CHHATISGARH	12192	11356	0	62	40	18	3	9	704	836	12192
7	GOA	2104	2090	0	0	1	0	0	0	13	14	2104
8	GUJARAT	11215	3772	0	8	1	10	3	1	7420	7443	11215
9	HARYANA	495	479	0	3	8	0	0	0	5	16	495
10	HIMACHAL PRADESH	11964	10549	0	5	736	111	13	133	417	1415	11964
11	JAMMU & KASHMIR	2782	2684	0	7	1	25	14	20	31	98	2782
12	JHARKHAND	39275	33178	0	1384	1029	557	367	1556	1204	6097	39275
13	KARNATAKA	64673	57873	110	1411	2982	1213	677	29	378	6800	64673
14	KERALA	7256	6976	0	39	90	24	13	4	110	280	7256
15	MADHYA PRADESH	54738	52277	0	655	499	171	50	377	709	2461	54738
16	MAHARASHTRA	92418	54043	0	1170	3215	2150	1171	1398	29271	38375	92418
17	MANIPUR	558	319	0	0	53	3	22	153	8	239	558
18	MEGHALAYA	7388	6346	0	10	33	49	120	134	696	1042	7388
19	MIZORAM	4218	4092	0	4	3	0	42	0	77	126	4218
20	NAGALAND	15341	12984	0	9	1274	2	392	583	97	2357	15341
21	ODISHA	32238	18321	0	462	5038	2850	1488	1187	2892	13917	32238
22	PUDUCHERRY	598	256	0	5	337	0	0	0	0	342	598
23	PUNJAB	199	194	0	1	0	0	0	0	4	5	199
24	RAJASTHAN	752	523	0	0	33	153	4	4	35	229	752
25	SIKKIM	1160	1160	0	0	0	0	0	0	0	0	1160
26	TAMIL NADU	39220	34182	0	516	847	905	104	39	2627	5038	39220
27	TELANGANA	17636	11546	0	77	1096	3518	503	0	896	6090	17636
28	TRIPURA	253	243	0	0	6	1	0	2	1	10	253
29	UTTARAKHAND	25607	22276	0	13	191	82	170	1480	1395	3331	25607
30	UTTAR PRADESH	7854	6861	0	174	171	331	143	24	150	993	7854
31	WEST BENGAL	19310	16412	0	246	282	771	205	72	1322	2898	19310
	Total	519303	406496	110	6837	18861	21787	5944	7663	51605	112807	519303

MINOR IRRIGATION CENSUS (2013-14)

TABLE 5.16 DISTRIBUTION OF TANKS/RESERVOIR & OTHER STORAGE OF SURFACE FLOW SCHEMES BY STORAGE SIZE

(In Nos.)

Sl. No.	State	No. of Tanks / Reservoir & Other Storages by Designed storage					
		NA (0)	0 to 100 cubic mts	100 to 1000 cubic mts	1000 to 10000 cubic mts	More than 10000 cubic mts	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	2	0	129	203	1	335
2	ANDHRA PRADESH	3328	7252	3469	8657	17621	40327
3	ARUNACHAL PRADESH	5	59	2	0	0	66
4	ASSAM	280	21	0	0	0	301
5	BIHAR	303	1217	529	90	78	2217
6	CHHATISGARH	1955	4819	18	21	67	6880
7	GOA	50	468	5	0	0	523
8	GUJARAT	1660	12	103	7097	2579	11451
9	HARYANA	78	90	0	0	0	168
10	HIMACHAL PRADESH	532	1069	67	167	87	1922
11	JAMMU & KASHMIR	4	46	37	0	1	88
12	JHARKHAND	9750	15699	6660	9747	3179	45035
13	KARNATAKA	11956	20843	692	203	559	34253
14	KERALA	165	701	1185	717	139	2907
15	MADHYA PRADESH	6083	13572	320	439	305	20719
16	MAHARASHTRA	28292	41302	1096	2165	1708	74563

MINOR IRRIGATION CENSUS (2013-14)

TABLE 5.16 DISTRIBUTION OF TANKS/RESERVOIR & OTHER STORAGE OF SURFACE FLOW SCHEMES BY STORAGE SIZE

(In Nos.)

Sl. No.	State	No. of Tanks / Reservoir & Other Storages by Designed storage					
		NA (0)	0 to 100 cubic mts	100 to 1000 cubic mts	1000 to 10000 cubic mts	More than 10000 cubic mts	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17	MANIPUR	0	0	0	0	3	3
18	MEGHALAYA	36	187	11	5	0	239
19	MIZORAM	11	320	32	3	1	367
20	NAGALAND	260	12	0	1	0	273
21	ODISHA	2169	644	2022	8265	9045	22145
22	PUDUCHERRY	18	13	26	137	1	195
23	PUNJAB	51	1	0	0	0	52
24	RAJASTHAN	42	8	20	93	927	1090
25	TAMIL NADU	13004	11418	933	3742	2691	31788
26	TELANGANA	15088	11645	3283	1864	2112	33992
27	TRIPURA	0	0	0	2	1	3
28	UTTARAKHAND	603	10462	51	129	11	11256
29	UTTAR PRADESH	2026	2385	131	902	99	5543
30	WEST BENGAL	2010	2218	466	3810	8892	17396
	Total	99761	146483	21287	48459	50107	366097

MINOR IRRIGATION CENSUS (2013-14)

5.16A: Number and Storage capacity of Reservoirs in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	13	10143	0	0	0	0	13	10143
2	ANDHRA PRADESH	965	91588985	178	4127190	71	5838992	1214	101555167
3	ARUNACHAL PRADESH	35	550	3	85	1	21	39	656
4	ASSAM	154	16	12	5	0	0	166	21
5	BIHAR	819	927083	35	710	12	84	866	927877
6	CHHATISGARH	3992	25318935	4	2	0	0	3996	25318937
7	GOA	410	4020	0	0	1	6	411	4026
8	GUJARAT	10442	203840598	677	13994133	86	4710271	11205	222545002
9	HARYANA	99	70	0	0	0	0	99	70
10	HIMACHAL PRADESH	411	153642	5	1	0	0	416	153643
11	JAMMU & KASHMIR	32	43062	0	0	1	20	33	43082
12	JHARKHAND	5510	30177781	1777	6181432	9	17291	7296	36376504
13	KARNATAKA	6	308	1	185	0	0	7	493
14	KERALA	263	1573723	4	2216	0	0	267	1575939
15	MADHYA PRADESH	7930	27922673	52	74225	9	93	7991	27996991
16	MAHARASHTRA	28555	65380661	18	3118	11	0	28584	65383779
17	MEGHALAYA	70	3067	3	1914	9	706	82	5687
18	MIZORAM	34	13307	0	0	1	1	35	13308
19	NAGALAND	28	8	0	0	0	0	28	8
20	ODISHA	4241	622902423	296	19585223	90	4855155	4627	647342801
21	PUDUCHERRY	15	38151	0	0	1	0	16	38151
22	PUNJAB	48	1	0	0	0	0	48	1
23	RAJASTHAN	77	107316713	13	21430354	2	2016117	92	130763184
24	TAMIL NADU	6168	202122718	835	41688201	268	4832562	7271	248643481
25	TELANGANA	863	1149531	577	7326	59	1048	1499	1157905

MINOR IRRIGATION CENSUS (2013-14)

5.16A: Number and Storage capacity of Reservoirs in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
26	TRIPURA	1	7875	0	0	0	0	1	7875
27	UTTARAKHAND	1747	51938	753	17840	627	33165	3127	102943
28	UTTAR PRADESH	2216	1963659	43	45312	13	1	2272	2008972
29	WEST BENGAL	2076	22015010	81	327295	138	199410	2295	22541715
	Total	77220	1404526651	5367	107486767	1409	22504943	83996	1534518361

MINOR IRRIGATION CENSUS (2013-14)

5.16B: Number and storage capacity of Tanks/Ponds in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	316	375248	1	450	2	1000	319	376698
2	ANDHRA PRADESH	30370	2154255196	6992	412322341	1584	70259282	38946	2636836819
3	ARUNACHAL PRADESH	13	1091	1	18	4	77	18	1186
4	ASSAM	8	62	1	1	0	0	9	63
5	BIHAR	915	989683	62	10279	2	160000	979	1159962
6	CHHATISGARH	1913	3602676	15	21	0	0	1928	3602697
7	GOA	92	1325	0	0	4	8	96	1333
8	GUJARAT	9	8305701	0	0	4	185001	13	8490702
9	HARYANA	34	24	0	0	1	1	35	25
10	HIMACHAL PRADESH	1232	2343364	1	34	0	0	1233	2343398
11	JAMMU & KASHMIR	46	4428	0	0	0	0	46	4428
12	JHARKHAND	28277	131087976	7647	16777004	28	49686	35952	147914666
13	KARNATAKA	28293	3549217864	414	28259130	936	18174450	29643	3595651444
14	KERALA	2295	7825753	49	100050	6	17307	2350	7943110
15	MADHYA PRADESH	10631	36803955	87	257331	46	161529	10764	37222815
16	MAHARASHTRA	25987	78134852	145	254597	3	0	26135	78389449
17	MANIPUR	3	51597	0	0	0	0	3	51597
18	MEGHALAYA	59	6684	2	45	1	18	62	6747
19	MIZORAM	301	71752	6	151	4	167	311	72070
20	NAGALAND	130	1130	1	0	0	0	131	1130
21	ODISHA	13858	1896703260	903	63487670	245	6541717	15006	1966732647
22	PUNJAB	2	0	0	0	0	0	2	0
23	RAJASTHAN	541	366027105	319	163868314	82	29935165	942	559830584
24	TAMIL NADU	20034	398837543	1683	31022583	697	11108424	22414	440968550
25	TELANGANA	14969	386720685	11817	4767012	4040	100618	30826	391588315

MINOR IRRIGATION CENSUS (2013-14)

5.16B: Number and storage capacity of Tanks/Ponds in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
26	TRIPURA	1	5000	0	0	0	0	1	5000
27	UTTARAKHAND	5588	646766	1332	75670	925	71205	7845	793641
28	UTTAR PRADESH	1734	3218912	90	132951	26	13644	1850	3365507
29	WEST BENGAL	13396	340966610	311	2884210	149	124643	13856	343975463
	Total	201047	9366206242	31879	724219862	8789	136903942	241715	10227330046

MINOR IRRIGATION CENSUS (2013-14)

5.16C: Number and storage capacity of Other Storages in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl.No	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	3	2650	0	0	0	0	3	2650
2	ANDHRA PRADESH	79	713670	34	146568	54	361832	167	1222070
3	ARUNACHAL PRADESH	6	89	3	439	0	0	9	528
4	ASSAM	124	35	2	0	0	0	126	35
5	BIHAR	350	2287275	18	10605	4	240002	372	2537882
6	CHHATISGARH	955	101727	1	0	0	0	956	101727
7	GOA	16	356	0	0	0	0	16	356
8	GUJARAT	233	6687380	0	0	0	0	233	6687380
9	HARYANA	34	64	0	0	0	0	34	64
10	HIMACHAL PRADESH	268	84331	3	0	2	100	273	84431
11	JAMMU & KASHMIR	8	320	1	120	0	0	9	440
12	JHARKHAND	1349	4311444	438	723830	0	0	1787	5035274
13	KARNATAKA	4564	70367577	30	66	9	121	4603	70367764
14	KERALA	278	833264	9	8378	3	2501	290	844143
15	MADHYA PRADESH	1940	9648944	14	10017	10	303	1964	9659264
16	MAHARASHTRA	19468	28857483	365	671691	11	28	19844	29529202
17	MEGHALAYA	93	6649	1	600	1	120	95	7369
18	MIZORAM	21	5279	0	0	0	0	21	5279
19	NAGALAND	112	120	2	12	0	0	114	132
20	ODISHA	2219	174074469	197	5399439	96	2196759	2512	181670667
21	PUDUCHERRY	178	484315	0	0	1	0	179	484315
22	PUNJAB	2	0	0	0	0	0	2	0
23	RAJASTHAN	42	10021285	8	6545218	6	2259060	56	18825563
24	TAMIL NADU	1850	7588587	182	4110887	71	1366180	2103	13065654
25	TELANGANA	670	160131149	694	69144	303	42975	1667	160243268

MINOR IRRIGATION CENSUS (2013-14)

5.16C: Number and storage capacity of Other Storages in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl.No	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
26	TRIPURA	1	16000	0	0	0	0	1	16000
27	UTTARAKHAND	180	4754	50	527	54	823	284	6104
28	UTTAR PRADESH	1396	2145788	15	6220	10	12	1421	2152020
29	WEST BENGAL	1201	13029891	28	76369	16	77	1245	13106337
	Total	37640	491404895	2095	17780130	651	6470893	40386	515655918

MINOR IRRIGATION CENSUS (2013-14)

Table 5.16D: Number and storage capacity of Reservoir/ tanks/Ponds/Other storages in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	332	388041	1	450	2	1000	335	389491
2	ANDHRA PRADESH	31414	2246557851	7204	416596099	1709	76460106	40327	2739614056
3	ARUNACHAL PRADESH	54	1730	7	542	5	98	66	2370
4	ASSAM	286	113	15	6	0	0	301	119
5	BIHAR	2084	4204041	115	21594	18	400086	2217	4625721
6	CHHATISGARH	6860	29023338	20	23	0	0	6880	29023361
7	GOA	518	5701	0	0	5	14	523	5715
8	GUJARAT	10684	218833679	677	13994133	90	4895272	11451	237723084
9	HARYANA	167	158	0	0	1	1	168	159
10	HIMACHAL PRADESH	1911	2581337	9	35	2	100	1922	2581472
11	JAMMU & KASHMIR	86	47810	1	120	1	20	88	47950
12	JHARKHAND	35136	165577201	9862	23682266	37	66977	45035	189326444
13	KARNATAKA	32863	3619585749	445	28259381	945	18174571	34253	3666019701
14	KERALA	2836	10232740	62	110644	9	19808	2907	10363192
15	MADHYA PRADESH	20501	74375572	153	341573	65	161925	20719	74879070
16	MAHARASHTRA	74010	172372996	528	929406	25	28	74563	173302430
17	MANIPUR	3	51597	0	0	0	0	3	51597
18	MEGHALAYA	222	16400	6	2559	11	844	239	19803
19	MIZORAM	356	90338	6	151	5	168	367	90657
20	NAGALAND	270	1258	3	12	0	0	273	1270
21	ODISHA	20318	2693680152	1396	88472332	431	13593631	22145	2795746115
22	PUDUCHERRY	193	522466	0	0	2	0	195	522466
23	PUNJAB	52	1	0	0	0	0	52	1
24	RAJASTHAN	660	483365103	340	191843886	90	34210342	1090	709419331

MINOR IRRIGATION CENSUS (2013-14)

Table 5.16D: Number and storage capacity of Reservoir/ tanks/Ponds/Other storages in Surface flow Schemes

(Storages Capacity in Cubic Metres)

Sl. No.	State	In use		Temporary not in use		Permanent not in use		Total	
		No.	Storage capacity	No.	Storage capacity	No.	Storage capacity	No. (3+5+7)	Storage capacity (4+6+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
25	TAMIL NADU	28052	608548848	2700	76821671	1036	17307166	31788	702677685
26	TELANGANA	16502	548001365	13088	4843482	4402	144641	33992	552989488
27	TRIPURA	3	28875	0	0	0	0	3	28875
28	UTTARAKHAND	7515	703458	2135	94037	1606	105193	11256	902688
29	UTTAR PRADESH	5346	7328359	148	184483	49	13657	5543	7526499
30	WEST BENGAL	16673	376011511	420	3287874	303	324130	17396	379623515
	Total	315907	11262137788	39341	849486759	10849	165879778	366097	12277504325

MINOR IRRIGATION CENSUS (2013-14)

Table.5.17 DISTRIBUTION OF TANKS/RESERVOIR & OTHER STORAGE OF SURFACE FLOW SCHEMES BY CCA CLASSES

(In Nos.)

Sl. No.	State	No. of Public Tanks/Reservoirs & Other Storages by CCA Classes							No. of Private Tanks/Reservoirs & Other Storages by CCA Classes						
		0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (3 to 8)	0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	52	0	0	0	0	0	52	283	0	0	0	0	0	283
2	ANDHRA PRADESH	31209	4371	3004	1263	66	0	39913	376	18	14	6	0	0	414
3	ARUNACHAL PRADESH	23	11	12	2	0	0	48	14	3	1	0	0	0	18
4	ASSAM	4	2	16	42	5	1	70	177	29	20	5	0	0	231
5	BIHAR	1209	56	496	3	0	0	1764	274	31	147	1	0	0	453
6	CHHATISGARH	2663	111	103	74	4	1	2956	3796	51	48	16	13	0	3924
7	GOA	26	3	0	0	0	0	29	492	1	1	0	0	0	494
8	GUJARAT	10483	3	0	15	5	1	10507	944	0	0	0	0	0	944
9	HARYANA	106	0	0	0	0	0	106	62	0	0	0	0	0	62
10	HIMACHAL PRADESH	413	50	58	22	0	0	543	1350	15	10	4	0	0	1379
11	JAMMU & KASHMIR	37	20	19	5	0	0	81	7	0	0	0	0	0	7
12	JHARKHAND	18591	184	116	20	1	2	18914	25844	156	73	47	1	0	26121
13	KARNATAKA	16980	1583	344	107	15	7	19036	14752	194	194	76	1	0	15217
14	KERALA	1485	209	110	18	1	0	1823	1038	28	14	4	0	0	1084
15	MADHYA PRADESH	7056	760	724	495	37	16	9088	11313	114	106	77	21	0	11631
16	MAHARASHTRA	17599	1202	1089	905	111	31	20937	53221	193	124	74	14	0	53626
17	MANIPUR	3	0	0	0	0	0	3	0	0	0	0	0	0	0
18	MEGHALAYA	45	7	3	4	0	0	59	174	3	3	0	0	0	180
19	MIZORAM	20	28	12	0	0	0	60	306	1	0	0	0	0	307
20	NAGALAND	0	0	0	0	0	0	0	250	21	2	0	0	0	273
21	ODISHA	13188	1700	1164	396	33	4	16485	5493	79	54	33	1	0	5660
22	PUDUCHERRY	88	62	44	1	0	0	195	0	0	0	0	0	0	0
23	PUNJAB	15	5	12	7	0	0	39	12	1	0	0	0	0	13
24	RAJASTHAN	244	195	269	185	24	11	928	118	20	15	9	0	0	162
25	TAMIL NADU	21241	1612	1416	649	19	5	24942	6686	55	73	31	1	0	6846
26	TELANGANA	24291	3388	2623	880	32	12	31226	2741	24	1	0	0	0	2766
27	TRIPURA	2	0	0	0	0	0	2	1	0	0	0	0	0	1
28	UTTARAKHAND	10080	81	57	85	1	1	10305	944	5	2	0	0	0	951
29	UTTAR PRADESH	1246	65	28	5	2	0	1346	4127	28	29	13	0	0	4197
30	WEST BENGAL	3117	199	201	53	1	0	3571	13419	210	170	24	2	0	13825
	Total	181516	15907	11920	5236	357	92	215028	148214	1280	1101	420	54	0	151069

MINOR IRRIGATION CENSUS (2013-14)

Table.5.18 DISTRIBUTION OF TANK/RESERVOIRS AND OTHER STORAGE IN SURFACE FLOW SCHEME (IN USE)

(In Nos.)

Sl. No.	State	No. of Tanks/Reservoirs & Other Storages by CCA Class and stats in use, PC & PU																				
		0 to 20 ha			20 to 40 ha			40 to 100 ha			100 to 500 ha			500 to 1000 ha			1000 to 2000 ha			Total		
		No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ANDAMAN & NICOBARS	332	486.62	303.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	332	486.62	303.9
2	ANDHRA PRADESH	24073	178599.55	123363.89	3727	115595.37	75287.27	2490	175787.57	107486.66	1068	225353.18	135621.73	56	40633.57	25171.51	0	0	0	31414	735969.24	466931.06
3	ARUNACHAL PRADESH	30	256.68	240.32	13	237	164	9	592	496	2	713	650	0	0	0	0	0	0	54	1798.68	1550.32
4	ASSAM	170	609.69	514.07	32	1023	929.9	36	2392	2109.5	41	10279	6774	6	4192	3270	1	1665	1000	286	20160.69	14597.47
5	BIHAR	1216	8703.07	6969.84	239	6325	5065	589	64025	54961	40	4615	3914	0	0	0	0	0	0	2084	83668.07	70909.84
6	CHHATISGARH	6390	13351.79	12900.45	201	4437.47	4274.5	150	7421.54	7165.93	100	19919.38	17551.53	18	11368	11368	1	10	10	6860	56508.18	53270.41
7	GOA	512	659.8	645.22	5	137.5	137.5	1	41	41	0	0	0	0	0	0	0	0	0	518	838.3	823.72
8	GUJARAT	10663	62537.56	56224.86	4	141	126	0	0	0	12	2273	2168	4	2183.96	1383.96	1	322	322	10684	67457.52	60224.82
9	HARYANA	166	592	592	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	167	592	592
10	HIMACHAL PRADESH	1751	4919.01	4509.28	66	2173.96	2116.22	67	4543.3	4541.7	27	4164.51	4164.51	0	0	0	0	0	0	1911	15800.78	15331.71
11	JAMMU & KASHMIR	43	315.45	315.2	19	489.29	477.15	19	1222.09	1222.09	5	663.67	663.67	0	0	0	0	0	0	86	2690.5	2678.11
12	JHARKHAND	34427	80863.28	70163.38	517	9638.39	7594.34	136	5482.6	4314.16	52	4724.15	3916.85	2	6	6	2	3000	1002	35136	103714.42	86996.73
13	KARNATAKA	30423	61756.8	58610.57	1656	44466.38	42547.67	598	28917.67	25909.14	167	19352.97	15676.94	13	4781.25	4651.15	6	1226	1226	32863	160501.07	148621.47
14	KERALA	2409	14013.31	12647.31	263	8272.84	7467.66	133	7884.21	6903.89	30	4593.45	4098.9	1	800	800	0	0	0	2836	35563.81	31917.76
15	MADHYA PRADESH	17800	56908.79	52033.98	1107	23795.9	21444.47	871	40333.97	35345.03	634	92501	76422.71	67	37164.01	29118.01	22	21045.78	9561.68	20501	271749.45	223925.88
16	MAHARASHTRA	70144	174291.47	146782.79	1441	42345.43	34693.2	1216	85732.68	72161.18	1037	279972.82	199280.95	138	106870.99	68744.99	34	63776.27	39968.09	74010	752989.66	561631.2
17	MANIPUR	3	30	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	30	21
18	MEGHALAYA	205	711.93	641.83	9	212.27	202.27	6	361	234	2	480	478	0	0	0	0	0	0	222	1765.2	1556.1
19	MIZORAM	313	598.05	440.36	28	918	679	14	1007	876	1	110	99	0	0	0	0	0	0	356	2633.05	2094.36
20	NAGALAND	243	753.15	479.53	21	481	236.5	6	252	131	0	0	0	0	0	0	0	0	0	270	1486.15	847.03
21	ODISHA	16087	92192.28	67844.78	2413	61699.88	46232.43	1327	80439.38	51803.97	454	89483.8	43509.23	31	16900.32	10356.6	6	5283.07	3595.77	20318	345998.73	223342.78
22	PUDUCHERRY	86	817.31	817.31	60	1705.07	1705.07	46	2401.82	2401.82	1	100.4	100.4	0	0	0	0	0	0	193	5024.6	5024.6
23	PUNJAB	27	219.15	219.15	6	295.48	295.48	11	1319.89	1319.89	8	2324.49	2324.49	0	0	0	0	0	0	52	4159.01	4159.01
24	RAJASTHAN	169	1367.5	1225.59	104	3210.28	2508.44	197	14110.32	9861.03	161	32897.36	25580.49	20	13051.36	11382.36	9	14822.08	8234.44	660	79458.9	58792.35
25	TAMIL NADU	24598	95525.55	71619.63	1598	48884.2	37927.16	1254	86026.75	61527.49	581	117619.27	83064.87	18	13049.54	9852.89	3	3865.5	3791.5	28052	364970.81	267783.54
26	TELANGANA	11905	89888.95	64997.01	2080	70828.78	50243.37	1820	142323.88	97463.3	659	144619.29	100569.55	27	25170.27	16251.41	11	18322.58	6665.99	16502	491153.75	336190.63
27	TRIPURA	3	16.5	13.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	16.5	13.5
28	UTTARAKHAND	7299	31696.75	26323.84	72	2846.77	2464.59	42	4363.91	4184.37	98	27027.69	26902.33	3	1650	1650	1	1200	1200	7515	68785.12	62725.13
29	UTTAR PRADESH	5074	18019.21	13850.28	193	3124.5	2226.32	56	2701.9	1359	21	2593.11	2063.11	2	370	250	0	0	0	5346	26808.72	19748.71
30	WEST BENGAL	15720	49864.3	41089.61	479	9798.04	7474.77	389	20069.67	15865.83	82	9809.98	8702.44	3	596.42	436.39	0	0	0	16673	90138.41	73569.04
	Total	282281	1040565.5	836400.48	16354	463082.8	354520.28	11483	779753.15	569684.98	5283	1096190.52	764297.7	409	278787.69	194693.27	97	134538.28	76577.47	315907	3792917.94	2796174.18

SURFACE LIFT SCHEMES TABLES

MINOR IRRIGATION CENSUS (2013-14)

Table.6.1 NUMBER OF SURFACE LIFT SCHEME BY TYPE

(In Nos.)

Sl. No.	State	Type of Surface Lift Schemes					
		On river	On stream	On drain/canal	On Tanks/Ponds/ Reservoirs/check-dams	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	12	321	12	645	11	1001
2	ANDHRA PRADESH	4749	4775	4393	882	4	14803
3	ARUNACHAL PRADESH	2	1	0	1	2	6
4	ASSAM	491	167	1058	1923	2398	6037
5	BIHAR	1004	1643	159	340	557	3703
6	CHHATISGARH	6051	1973	4783	2417	1825	17049
7	GOA	447	79	13	217	85	841
8	GUJARAT	1094	2298	1348	27882	3266	35888
9	HARYANA	56	18	2	2	22	100
10	HIMACHAL PRADESH	261	44	50	19	119	493
11	JAMMU & KASHMIR	95	20	17	3	40	175
12	JHARKHAND	1160	9105	455	3109	774	14603
13	KARNATAKA	33748	18540	6178	5491	7406	71363
14	KERALA	2397	2440	565	7978	403	13783
15	MADHYA PRADESH	30336	6450	15234	5794	6038	63852
16	MAHARASHTRA	89921	22907	12001	40425	24528	189782
17	MANIPUR	132	0	0	21	0	153
18	MEGHALAYA	14	6	0	22	14	56
19	NAGALAND	0	8	7	18	12	45
20	ODISHA	16447	3290	13447	13391	642	47217
21	PUNJAB	798	144	783	44	228	1997
22	RAJASTHAN	3832	315	4329	11206	670	20352
23	TAMIL NADU	591	655	171	320	442	2179
24	TELANGANA	7631	11401	4461	3022	3544	30059
25	TRIPURA	876	842	123	14	76	1931

MINOR IRRIGATION CENSUS (2013-14)

Table.6.1 NUMBER OF SURFACE LIFT SCHEME BY TYPE

(In Nos.)

Sl. No.	State	Type of Surface Lift Schemes					
		On river	On stream	On drain/canal	On Tanks/Ponds/ Reservoirs/check-dams	Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26	UTTARAKHAND	446	79	34	36	97	692
27	UTTAR PRADESH	3807	1706	5782	2800	703	14798
28	WEST BENGAL	9489	10656	2440	22184	2366	47135
Total		215887	99883	77845	150206	56272	600093

MINOR IRRIGATION CENSUS (2013-14)
Table.6.2 DISTRIBUTION OF SURFACE LIFT SCHEMES ACCORIDING TO OWNERSHIP

(In Nos.)

Sl. No.	State	No. of Surface Lift Schemes owned by								
		Public					Private			
		Govt. Owned	Coop Society	Panchayat Owned	Other	Total (3to6)	Group of Farmers	Individual Farmer	Total (8 to 9)	Grand Total (7 + 10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	133	5	91	26	255	2	744	746	1001
2	ANDHRA PRADESH	410	74	11	22	517	1011	13275	14286	14803
3	ARUNACHAL PRADESH	3	1	0	0	4	2	0	2	6
4	ASSAM	322	11	3	6	342	3392	2303	5695	6037
5	BIHAR	751	113	114	53	1031	78	2594	2672	3703
6	CHHATISGARH	2922	96	288	237	3543	787	12719	13506	17049
7	GOA	37	7	1	6	51	79	711	790	841
8	GUJARAT	33086	351	421	3	33861	1	2026	2027	35888
9	HARYANA	5	6	1	2	14	85	1	86	100
10	HIMACHAL PRADESH	232	29	4	20	285	80	128	208	493
11	JAMMU & KASHMIR	160	2	0	3	165	3	7	10	175
12	JHARKHAND	3811	2113	336	342	6602	1011	6990	8001	14603
13	KARNATAKA	1190	296	351	1904	3741	92	67530	67622	71363
14	KERALA	1108	72	621	188	1989	856	10938	11794	13783
15	MADHYA PRADESH	19385	780	628	770	21563	6796	35493	42289	63852
16	MAHARASHTRA	10589	3357	171	172	14289	35365	140128	175493	189782
17	MANIPUR	153	0	0	0	153	0	0	0	153
18	MEGHALAYA	7	0	0	17	24	1	31	32	56
19	NAGALAND	5	0	0	0	5	12	28	40	45
20	ODISHA	8053	219	770	350	9392	1986	35839	37825	47217
21	PUNJAB	96	5	9	97	207	16	1774	1790	1997
22	RAJASTHAN	144	5	35	52	236	13388	6728	20116	20352
23	TAMIL NADU	550	192	145	132	1019	332	828	1160	2179
24	TELANGANA	640	7	46	8	701	458	28900	29358	30059
25	TRIPURA	1478	1	27	1	1507	109	315	424	1931
26	UTTARAKHAND	392	21	229	5	647	11	34	45	692
27	UTTAR PRADESH	1177	215	808	158	2358	169	12271	12440	14798
28	WEST BENGAL	6848	3147	1885	1696	13576	24061	9498	33559	47135
Total		93687	11125	6995	6270	118077	90183	391833	482016	600093

MINOR IRRIGATION CENSUS (2013-14)

Table.6.3 DISTRIBUTION OF SURFACE LIFT SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Surface Lift Scheme owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	ANDAMAN & NICOBARS	2	2	458	282	744	257	1001
2	ANDHRA PRADESH	885	369	4383	7638	13275	1528	14803
3	ARUNACHAL PRADESH	0	0	0	0	0	6	6
4	ASSAM	220	457	543	1083	2303	3734	6037
5	BIHAR	733	830	754	277	2594	1109	3703
6	CHHATISGARH	858	6426	3565	1870	12719	4330	17049
7	GOA	62	147	57	445	711	130	841
8	GUJARAT	48	866	631	481	2026	33862	35888
9	HARYANA	0	0	0	1	1	99	100
10	HIMACHAL PRADESH	24	18	12	74	128	365	493
11	JAMMU & KASHMIR	6	0	0	1	7	168	175
12	JHARKHAND	806	3665	1868	651	6990	7613	14603
13	KARNATAKA	7109	5277	20176	34968	67530	3833	71363
14	KERALA	150	74	4314	6400	10938	2845	13783
15	MADHYA PRADESH	5426	7760	16145	6162	35493	28359	63852
16	MAHARASHTRA	14206	14435	36116	75371	140128	49654	189782
17	MANIPUR	0	0	0	0	0	153	153
18	MEGHALAYA	0	18	0	13	31	25	56
19	NAGALAND	0	28	0	0	28	17	45
20	ODISHA	4583	10459	15501	5296	35839	11378	47217

MINOR IRRIGATION CENSUS (2013-14)

Table.6.3 DISTRIBUTION OF SURFACE LIFT SCHEMES ACCORDING TO SOCIAL STATUS OF OWNER

(In Nos.)

Sl. No.	State	No. of Surface Lift Scheme owned by						
		Scheduled Caste	Scheduled Tribe	OBC	Others	Total (3 to 6)	Owned by other than individual farmer (incl. Public & Group of farmers)	Total (7+8)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
21	PUNJAB	114	3	103	1554	1774	223	1997
22	RAJASTHAN	637	2161	2756	1174	6728	13624	20352
23	TAMIL NADU	67	126	539	96	828	1351	2179
24	TELANGANA	2731	3496	14344	8329	28900	1159	30059
25	TRIPURA	81	56	56	122	315	1616	1931
26	UTTARAKHAND	3	1	1	29	34	658	692
27	UTTAR PRADESH	2316	572	6591	2792	12271	2527	14798
28	WEST BENGAL	2818	673	823	5184	9498	37637	47135
Total:		43885	57919	129736	160293	391833	208260	600093

MINOR IRRIGATION CENSUS (2013-14)
Table.6.4 DISTRIBUTION OF SURFACE LIFT SCHEMES ACCORDING TO THE INDIVIDUAL OWNER'S HOLDING SIZE

(In Nos.)

Sl. No.	State	No. of Surface Lift Scheme by size class of owned					
		Marginal (0-1 ha)	Small (1-2ha)	Semi Medium (2-4 ha)	Medium (4-10ha)	Big (>=10 ha)	Total (3to7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	69	198	294	170	13	744
2	ANDHRA PRADESH	4270	4224	3183	1488	110	13275
3	ASSAM	94	986	1118	94	11	2303
4	BIHAR	73	651	1319	88	463	2594
5	CHHATISGARH	3023	4015	3422	1753	506	12719
6	GOA	397	156	93	48	17	711
7	GUJARAT	637	784	479	116	10	2026
8	HARYANA	0	0	0	1	0	1
9	HIMACHAL PRADESH	34	36	39	13	6	128
10	JAMMU & KASHMIR	5	1	1	0	0	7
11	JHARKHAND	1903	3000	1500	423	164	6990
12	KARNATAKA	13919	21108	19066	11272	2165	67530
13	KERALA	7259	2322	942	279	136	10938
14	MADHYA PRADESH	4823	8859	10294	8981	2536	35493
15	MAHARASHTRA	33917	46893	33615	15222	10481	140128
16	MEGHALAYA	14	6	9	0	2	31
17	NAGALAND	2	1	5	10	10	28
18	ODISHA	10948	11108	9333	2178	2272	35839
19	PUNJAB	121	298	427	665	263	1774
20	RAJASTHAN	449	890	2205	2706	478	6728
21	TAMIL NADU	363	150	99	68	148	828
22	TELANGANA	13084	9949	4790	991	86	28900
23	TRIPURA	95	164	54	2	0	315
24	UTTARAKHAND	0	11	9	14	0	34
25	UTTAR PRADESH	3515	3541	3662	1281	272	12271
26	WEST BENGAL	5183	2313	1123	438	441	9498
Total		104197	121664	97081	48301	20590	391833

MINOR IRRIGATION CENSUS (2013-14)

Table.6.5 DISTRIBUTION OF SURFACE LIFT SCHEMES AND COST OF CONSTRUCTION OVER THE YEARS

(Cost in Rs. thousands)

Sl. No.	State	Number and Cost of Construction Over The Years																	
		Up to 2006-07		During 2007-08		During 2008-09		During 2009-10		During 2010-11		During 2011-12		During 2012-13		During 2013-14		Total	
		No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost	No.	Cost
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1	ANDAMAN & NICOBARS	590	56099	92	15888	54	5933	34	5040	35	6562	63	11264	66	11999	67	9741	1001	122526
2	ANDHRA PRADESH	9257	601373	1312	68848	1331	52311	1145	35784	527	21351	392	21873	467	9917	372	48091	14803	859548
3	ARUNACHAL PRADESH	4	3277	0	0	1	250	0	0	0	0	1	1000	0	0	0	0	6	4527
4	ASSAM	554	480012	288	22383	344	53358	910	132764	1641	49809	1753	207652	518	5846	29	7194	6037	959018
5	BIHAR	2092	89692	1200	45319	141	7860	90	5589	45	7368	41	5189	26	4218	68	6715	3703	171950
6	CHHATISGARH	11342	569441	1599	73144	789	25718	695	16537	772	20608	834	18646	591	15764	427	5553	17049	745411
7	GOA	714	20814	76	3440	13	673	19	960	12	452	7	440	0	0	0	0	841	26779
8	GUJARAT	17641	9268640	14680	7322402	847	404748	1616	770568	184	92741	179	102814	452	253794	289	122471	35888	18338178
9	HARYANA	59	1810	3	0	5	0	1	0	0	0	0	0	31	7400	1	0	100	9210
10	HIMACHAL PRADESH	370	682217	22	8535	22	21234	18	29142	13	5802	8	5063	24	14328	16	2860	493	769181
11	JAMMU & KASHMIR	163	77329	1	0	6	350	3	26800	0	0	2	5	0	0	0	0	175	104484
12	JHARKHAND	6957	5286257	3144	2485909	855	976408	1162	849205	951	442582	442	134960	509	325931	583	2412184	14603	12913436
13	KARNATAKA	36438	33870502	12737	20435065	7530	8608754	3498	1759332	3496	1342148	2794	1709700	1913	901708	2957	4588470	71363	73215679
14	KERALA	9912	1277538	993	117991	569	82747	503	64250	551	59486	508	98906	282	84320	465	97858	13783	1883096
15	MADHYA PRADESH	47064	6775278	6770	522340	4160	2132256	2203	1181593	978	137308	688	60125	1032	119731	957	58074	63852	10986705
16	MAHARASHTRA	131914	4712681	20904	1257093	7876	295199	7194	282941	10556	138729	3678	332075	3258	91266	4402	74664	189782	7184648
17	MANIPUR	79	79300	0	0	0	0	2	4000	0	0	1	2000	66	120900	5	7800	153	214000
18	MEGHALAYA	29	852	2	9	1	2	6	818	12	308	4	377	1	5	1	50	56	2421
19	NAGALAND	30	14235	4	1903	3	3445	2	507	2	3250	2	1050	2	2015	0	0	45	26405
20	ODISHA	26682	1896998	4085	229960	3867	237161	3149	184325	3052	197576	2596	197095	1545	123643	2241	88399	47217	3155157
21	PUNJAB	1428	36524	215	3635	183	3090	105	1836	21	495	26	426	12	876	7	109	1997	46991
22	RAJASTHAN	9911	484630	693	56678	1214	65655	2121	150827	1803	141786	1697	149216	1824	157494	1089	164083	20352	1370369
23	TAMIL NADU	1632	339269	203	14851	120	108337	37	1460	56	1330	29	1496	21	884	81	3577	2179	471204
24	TELANGANA	14834	481174	3688	121371	3037	128287	2871	111299	1933	80681	1489	33730	1243	53800	964	26685	30059	1037027
25	TRIPURA	1341	2245280	89	77373	100	76102	123	106776	81	54563	79	169830	64	29357	54	18161	1931	2777442
26	UTTARAKHAND	561	313679	55	22005	24	34555	17	32705	13	9798	14	16782	3	210	5	9900	692	439634
27	UTTAR PRADESH	9494	3027155	1522	436744	1350	449431	615	200717	388	193751	488	450118	531	412125	410	641427	14798	5811468
28	WEST BENGAL	36462	39801841	6422	9351001	1129	161790	1327	126410	620	139623	397	33631	369	335369	409	137346	47135	50087011
	Total	377554	112493897	80799	42693887	35571	13935654	29466	6082185	27742	3148107	18212	3765463	14850	3082900	15899	8531412	600093	193733505

MINOR IRRIGATION CENSUS (2013-14)

Table.6.6 DISTRIBUTION OF SURFACE LIFT SCHEMES BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Surface Lift Schemes according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs.100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	820	173	6	2	0	1001
2	ANDHRA PRADESH	3537	10218	843	78	127	14803
3	ARUNACHAL PRADESH	6	0	0	0	0	6
4	ASSAM	4650	1178	81	10	118	6037
5	BIHAR	2856	750	77	10	10	3703
6	CHHATISGARH	14386	2413	218	23	9	17049
7	GOA	410	411	20	0	0	841
8	GUJARAT	2343	2349	14326	5986	10884	35888
9	HARYANA	55	43	1	1	0	100
10	HIMACHAL PRADESH	367	35	23	20	48	493
11	JAMMU & KASHMIR	130	15	10	6	14	175
12	JHARKHAND	14016	495	45	35	12	14603
13	KARNATAKA	14415	30320	20635	2921	3072	71363
14	KERALA	7470	5396	733	109	75	13783
15	MADHYA PRADESH	33241	25592	4254	544	221	63852
16	MAHARASHTRA	183700	4342	1470	140	130	189782
17	MANIPUR	153	0	0	0	0	153

MINOR IRRIGATION CENSUS (2013-14)

Table.6.6 DISTRIBUTION OF SURFACE LIFT SCHEMES BY COST OF MAINTENANCE IN THE REFERENCE YEAR

(In Nos.)

Sl. No.	State	No. of Surface Lift Schemes according to the annual cost of maintenance					
		Upto Rs. 1000/-	Rs.1000 to 10000/-	Rs.10000 to 50000	Rs.50000 to 100000	More than Rs.100000	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
18	MEGHALAYA	22	33	1	0	0	56
19	NAGALAND	31	11	3	0	0	45
20	ODISHA	28376	16775	1790	191	85	47217
21	PUNJAB	723	1180	85	6	3	1997
22	RAJASTHAN	7272	12136	885	46	13	20352
23	TAMIL NADU	922	771	434	27	25	2179
24	TELANGANA	6422	20560	2875	161	41	30059
25	TRIPURA	138	460	1223	92	18	1931
26	UTTARAKHAND	583	42	13	23	31	692
27	UTTAR PRADESH	6716	7082	809	75	116	14798
28	WEST BENGAL	22521	13267	5363	4738	1246	47135
Total		356281	156047	56223	15244	16298	600093

MINOR IRRIGATION CENSUS (2013-14)

Table.6.7 DISTRIBUTION OF SURFACE LIFT SCHEMES ACCORDING TO MAJOR SOURCE (UNDER INDIVIDUAL OWNERSHIP) OF FINANCE

(In Nos.)

(In Nos.)

Sl. No.	State	With single source of Finance						With two Sources of finance								Grand Total (8 + 16)
		Bank loan	Govt.Fund	Own Saving	Money Lender	Others	Total (3to7)	Own Saving & Bank Loan	Own Saving & Govt Fund	Own Saving & Money Lender	Bank Loan & Govt Fund	Bank Loan & Money Lender	Govt Fund & Money Lender	Others	Total (3 to 13)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	15	309	412	0	4	740	1	0	2	0	0	0	1	4	744
2	ANDHRA PRADESH	149	57	7266	64	160	7696	321	103	3082	0	12	15	2046	5579	13275
3	ASSAM	10	4	1304	1	13	1332	3	0	1	0	1	0	966	971	2303
4	BIHAR	220	344	196	1	11	772	31	193	19	607	43	33	896	1822	2594
5	CHHATISGARH	328	897	6245	7	1063	8540	191	72	1	61	88	0	3766	4179	12719
6	GOA	28	14	606	1	50	699	0	5	0	2	0	1	4	12	711
7	GUJARAT	105	6	891	4	40	1046	0	1	0	0	0	0	979	980	2026
8	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
9	HIMACHAL PRADESH	9	36	57	0	3	105	7	9	0	1	0	0	6	23	128
10	JAMMU & KASHMIR	1	0	6	0	0	7	0	0	0	0	0	0	0	0	7
11	JHARKHAND	86	4489	389	2	38	5004	20	15	1	76	2	3	1869	1986	6990
12	KARNATAKA	13097	839	20459	262	882	35539	17642	272	1330	1628	535	895	9689	31991	67530
13	KERALA	426	240	7521	36	313	8536	1189	751	63	93	7	8	291	2402	10938
14	MADHYA PRADESH	3388	751	27056	337	414	31946	580	424	325	97	6	0	2115	3547	35493
15	MAHARASHTRA	30834	6528	79894	470	1593	119319	12125	94	23	500	25	4	8038	20809	140128
16	MEGHALAYA	0	2	25	0	0	27	0	0	0	0	0	0	4	4	31
17	NAGALAND	0	13	11	0	0	24	0	0	0	0	0	0	4	4	28
18	ODISHA	1031	2197	21792	32	204	25256	1032	6658	755	390	26	30	1692	10583	35839
19	PUNJAB	33	9	1506	29	0	1577	8	2	137	1	0	0	49	197	1774
20	RAJASTHAN	23	174	3951	11	7	4166	160	1945	63	22	0	0	372	2562	6728
21	TAMIL NADU	29	178	396	3	125	731	21	1	4	11	8	0	52	97	828
22	TELANGANA	540	0	12008	853	141	13542	2184	0	4824	0	1942	0	6408	15358	28900
23	TRIPURA	0	50	250	0	15	315	0	0	0	0	0	0	0	0	315
24	UTTARAKHAND	0	16	10	0	2	28	0	0	3	0	0	0	3	6	34
25	UTTAR PRADESH	829	1497	7048	262	67	9703	366	785	376	271	24	3	743	2568	12271
26	WEST BENGAL	768	376	4044	105	101	5394	1271	133	139	374	49	18	2120	4104	9498
Total:		51949	19026	203343	2480	5246	282044	37152	11463	11148	4134	2768	1010	42114	109789	391833

MINOR IRRIGATION CENSUS (2013-14)

Table.6.8 DISTRIBUTION OF SURFACE LIFT SCHEMES BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Schemes in use	Schemes not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	ANDAMAN & NICOBARS	996	4	1	5	1,001
2	ANDHRA PRADESH	13137	686	980	1666	14,803
3	ARUNACHAL PRADESH	4	2	0	2	6
4	ASSAM	5526	475	36	511	6,037
5	BIHAR	3394	299	10	309	3,703
6	CHHATISGARH	16998	51	0	51	17,049
7	GOA	834	4	3	7	841
8	GUJARAT	34244	1619	25	1644	35,888
9	HARYANA	95	1	4	5	100
10	HIMACHAL PRADESH	490	1	2	3	493
11	JAMMU & KASHMIR	174	1	0	1	175
12	JHARKHAND	11888	2683	32	2715	14,603
13	KARNATAKA	70699	220	444	664	71,363
14	KERALA	13678	85	20	105	13,783
15	MADHYA PRADESH	63523	218	111	329	63,852
16	MAHARASHTRA	189295	414	73	487	189,782
17	MANIPUR	140	1	12	13	153
18	MEGHALAYA	55	0	1	1	56

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Table.6.8 DISTRIBUTION OF SURFACE LIFT SCHEMES BY STATUS OF UTILISATION

(In Nos.)

Sl. No.	State	Schemes in use	Schemes not in use			Grand Total (3+6)
			Temporary	Permanent	Total (4+5)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)
19	NAGALAND	43	2	0	2	45
20	ODISHA	43841	2404	972	3376	47,217
21	PUNJAB	1997	0	0	0	1,997
22	RAJASTHAN	20327	21	4	25	20,352
23	TAMIL NADU	1780	129	270	399	2,179
24	TELANGANA	26633	3128	298	3426	30,059
25	TRIPURA	1891	22	18	40	1,931
26	UTTARAKHAND	416	213	63	276	692
27	UTTAR PRADESH	13483	910	405	1315	14,798
28	WEST BENGAL	43742	2046	1347	3393	47,135
Total		579323	15639	5131	20770	600093

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Table.6.9 DISTRIBUTION OF SURFACE LIFT SCHEMES TEMPORARILY NOT IN USE BY REASONS

(In Nos.)

Sl. No.	State	No. of Surface LiftSchemes Temporarily not in use due to							
		Non Availability of adequate Power/Fuel	Mechanical Break Down	Less discharge of water	Storage no filled up fully	Siltation of Channel / Storage	Channel Break Down	Others	Total (3 to 9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1	ANDAMAN & NICOBARS	1	0	1	1	0	0	1	4
2	ANDHRA PRADESH	8	137	282	90	19	1	149	686
3	ARUNACHAL PRADESH	2	0	0	0	0	0	0	2
4	ASSAM	8	394	12	6	3	1	51	475
5	BIHAR	38	227	19	10	1	1	3	299
6	CHHATISGARH	13	8	2	1	0	9	18	51
7	GOA	2	0	0	0	0	0	2	4
8	GUJARAT	6	21	73	10	0	6	1503	1619
9	HARYANA	0	0	1	0	0	0	0	1
10	HIMACHAL PRADESH	0	0	0	0	0	0	1	1
11	JAMMU & KASHMIR	0	0	0	0	0	0	1	1
12	JHARKHAND	46	117	2267	97	63	2	91	2683
13	KARNATAKA	65	61	36	32	3	0	23	220
14	KERALA	12	31	11	2	0	2	27	85
15	MADHYA PRADESH	34	24	93	28	2	0	37	218
16	MAHARASHTRA	221	76	31	2	16	3	65	414
17	MANIPUR	0	0	1	0	0	0	0	1
18	NAGALAND	0	0	1	0	1	0	0	2
19	ODISHA	261	831	310	117	76	76	733	2404
20	RAJASTHAN	0	0	2	13	0	0	6	21
21	TAMIL NADU	32	30	15	11	1	5	35	129
22	TELANGANA	211	170	131	1056	336	30	1194	3128
23	TRIPURA	3	0	4	0	2	0	13	22
24	UTTARAKHAND	6	14	2	2	3	54	132	213
25	UTTAR PRADESH	39	74	193	584	4	0	16	910
26	WEST BENGAL	434	1319	115	23	15	2	138	2046
Total:		1442	3534	3602	2085	545	192	4239	15639

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Table.6.10 DISTRIBUTION OF SURFACE LIFT SCHEMES PERMANENTLY NOT IN USE BY REASONS

(In Nos.)

Sl. No.	State	No. of Surface Lift Schemes Permanently not in use due to					
		Salinity	Dried up	Destroyed beyond repair	Sinking	Other reasons	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	0	1	0	0	0	1
2	ANDHRA PRADESH	6	639	166	4	165	980
3	ASSAM	1	4	6	1	24	36
4	BIHAR	1	2	1	1	5	10
5	GOA	0	0	1	0	2	3
6	GUJARAT	4	10	4	6	1	25
7	HARYANA	1	0	0	0	3	4
8	HIMACHAL PRADESH	0	1	0	1	0	2
9	JHARKHAND	2	20	0	5	5	32
10	KARNATAKA	5	243	14	2	180	444
11	KERALA	1	5	4	0	10	20
12	MADHYA PRADESH	4	9	10	0	88	111
13	MAHARASHTRA	6	10	20	4	33	73
14	MANIPUR	0	4	8	0	0	12
15	MEGHALAYA	0	0	1	0	0	1
16	ODISHA	53	131	502	23	263	972
17	RAJASTHAN	0	2	0	0	2	4
18	TAMIL NADU	8	163	59	1	39	270
19	TELANGANA	29	192	4	3	70	298
20	TRIPURA	0	3	4	0	11	18
21	UTTARAKHAND	0	0	18	0	45	63
22	UTTAR PRADESH	32	154	58	1	160	405
23	WEST BENGAL	20	100	1136	7	84	1347
Total:		173	1693	2016	59	1190	5131

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Table.6.11 DISTRIBUTION OF SURFACE LIFT SCHEMES IN USE ACCORDING TO WATER DISTRIBUTION SYSTEM AND POTENTIAL UTILISED

(In no/Area in ha.)

Sl. No.	State	No. & PU of Surface Lift Schemes According to Water Distribution System															
		Open Water				Under ground pipe		Surface pipe		Drip		Sprinkler		Others		Total	
		Lined/ Pucca		Unlined /Kutcha													
		No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU	No.	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	3	2.3	230	222.4	3	1.4	556	574.27	0	0	0	0	204	186.58	996	986.95
2	ANDHRA PRADESH	333	14069.49	6109	49003.66	2661	19468.52	3833	10453.42	43	102.24	6	6.06	152	1082.07	13137	94185.46
3	ARUNACHAL PRADESH	2	105	2	19	0	0	0	0	0	0	0	0	0	0	4	124
4	ASSAM	242	12765.17	2882	13287.79	16	94.63	1328	2204.36	1	1.6	7	20.02	1050	2272.19	5526	30645.76
5	BIHAR	590	9197	696	11619.02	194	2683	1778	23565.92	4	99	1	3	131	1609	3394	48775.94
6	CHHATISGARH	1287	6591.62	8686	25583.75	399	2005	6005	18197.5	48	145.64	3	3.03	570	1704.06	16998	54230.6
7	GOA	65	520.36	403	471.23	16	38.39	81	83.62	11	26.6	189	366.2	69	150.36	834	1656.76
8	GUJARAT	21	149.91	628	365.33	350	1119.46	33240	117981.67	3	10.01	0	0	2	40.33	34244	119666.71
9	HARYANA	19	70	55	572	14	53	1	10	0	0	1	10	5	22	95	737
10	HIMACHAL PRADESH	126	3428.99	156	3755.35	107	2892.54	76	1064.88	1	0.6	2	2.29	22	223.92	490	11368.57
11	JAMMU & KASHMIR	13	1793.68	151	10719.64	4	295.17	6	710.76	0	0	0	0	0	0	174	13519.25
12	JHARKHAND	468	660.72	10023	29381	47	132.97	727	1711.11	8	23.3	2	4	613	1275.11	11888	33188.21
13	KARNATAKA	10179	42753.88	6185	23095.73	42578	140604.57	6662	21804.28	1179	6868.79	2939	7591.91	977	3412.54	70699	246131.7
14	KERALA	1113	25631.58	4085	30136.73	1305	5689.9	5235	14856.76	133	158.21	1148	4330.67	659	2446.9	13678	83250.75
15	MADHYA PRADESH	1715	17617.79	12230	61579.93	6543	63988.63	38113	505680.21	180	3134.05	4354	61421.57	388	5804.41	63523	719226.59
16	MAHARASHTRA	36737	114164.68	33875	95501.42	87001	267010.28	23122	59528.74	936	1937.22	3754	10040.79	3870	16398.62	189295	564581.75
17	MANIPUR	138	2936	2	65	0	0	0	0	0	0	0	0	0	0	140	3001
18	MEGHALAYA	1	445	29	93.9	0	0	21	62	0	0	0	0	4	24	55	624.9
19	NAGALAND	6	237	24	194.7	0	0	1	21	0	0	0	0	12	64	43	516.7
20	ODISHA	1846	13431.18	20075	58198.47	2324	39785.63	18835	37102.6	33	185.16	40	167.47	688	2740.68	43841	151611.19
21	PUNJAB	64	662.27	1144	6829.74	507	4788.79	260	1666.4	3	24.4	0	0	19	177.28	1997	14148.88
22	RAJASTHAN	424	3204.49	2360	17912.88	708	7330.73	16699	95101.65	1	2	123	248.97	12	59.47	20327	123860.19
23	TAMIL NADU	368	1927.99	742	7188.69	197	1163.65	111	181.54	21	182.45	145	770.41	196	718.51	1780	12133.24
24	TELANGANA	2314	17154.01	3839	9583.16	10131	26000.94	9034	15330.19	0	0	564	33.19	751	1242.08	26633	69343.57
25	TRIPURA	54	2437.7	282	994.9	1450	78715.47	99	181.82	1	0.59	0	0	5	37.42	1891	82367.9
26	UTTARAKHAND	235	5186.46	82	1876.05	13	523	39	1318.4	1	10	1	17.5	45	708.4	416	9639.81
27	UTTAR PRADESH	1103	7053.75	5468	28613.32	446	1751.92	6125	20318.67	33	115.65	50	346.9	258	1415.76	13483	59615.97
28	WEST BENGAL	5312	104949.75	32521	248304.13	2430	84492.08	2812	17105.53	80	199.79	16	211.23	571	4842.99	43742	460105.5
Total:		64778	409147.77	152964	735168.92	159444	750629.67	174799	966817.3	2720	13227.3	13345	85595.21	11273	48658.68	579323	3009244.85

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Table.6.12 DISTRIBUTION OF SURFACE LIFT SCHEMES (IN USE, TEMPORARILY NOT IN USE) ACCORDING TO LIFTING DEVICES

(In Nos.)

Sl. No.	State	With One lifting Device						With two lifting Device					
		Submersibl e Pump	Centrifugal Pump	Turbine	Manual/ Animal	Others	Total (3 to 7)	Submersible & Centrifugal Pump	Submersible & Turbine	Centrifugal & Turbine	Others	Total (9 to 12)	Total (8+13)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	14
1	ANDAMAN & NICOBARS	35	694	0	264	4	997	0	0	0	3	3	1000
2	ANDHRA PRADESH	1925	2893	100	2	133	5053	772	64	377	7557	8770	13823
3	ARUNACHAL PRADESH	3	3	0	0	0	6	0	0	0	0	0	6
4	ASSAM	130	5425	6	5	127	5693	45	0	0	249	294	5987
5	BIHAR	277	2261	8	5	212	2763	591	2	41	292	926	3689
6	CHHATISGARH	7240	6597	650	91	1742	16320	142	16	8	563	729	17049
7	GOA	155	608	0	69	4	836	2	0	0	0	2	838
8	GUJARAT	1829	34015	0	0	1	35845	13	0	1	1	15	35860
9	HARYANA	80	1	2	0	8	91	2	0	0	3	5	96
10	HIMACHAL PRADESH	229	146	26	15	41	457	26	2	1	5	34	491
11	JAMMU & KASHMIR	9	141	3	1	15	169	6	0	0	0	6	175
12	JHARKHAND	436	6701	25	3627	2320	13109	148	4	20	1264	1436	14545
13	KARNATAKA	43900	19906	2518	7	1927	68258	1521	141	110	876	2648	70906
14	KERALA	1502	10948	14	221	475	13160	226	7	6	355	594	13754
15	MADHYA PRADESH	24060	24816	652	22	5484	55034	7145	64	85	1395	8689	63723
16	MAHARASHTRA	80653	99400	3084	126	5112	188375	1090	40	7	165	1302	189677
17	MANIPUR	1	140	0	0	0	141	0	0	0	0	0	141
18	MEGHALAYA	18	29	5	2	0	54	0	0	0	1	1	55
19	NAGALAND	1	28	0	10	2	41	0	0	0	2	2	43
20	ODISHA	2979	34613	1209	4697	1198	44696	360	11	62	1007	1440	46136
21	PUNJAB	353	1586	19	0	6	1964	30	1	0	2	33	1997
22	RAJASTHAN	1346	18642	30	8	275	20301	25	2	3	7	37	20338
23	TAMIL NADU	467	870	119	22	316	1794	52	3	1	13	69	1863
24	TELANGANA	12905	12390	133	2	908	26338	305	4	4	194	507	26845
25	TRIPURA	18	1825	3	0	60	1906	6	0	0	0	6	1912
26	UTTARAKHAND	98	145	4	15	289	551	4	0	0	1	5	556
27	UTTAR PRADESH	684	11796	31	10	1223	13744	221	5	21	396	643	14387
28	WEST BENGAL	11787	26230	63	135	633	38848	3783	34	46	3007	6870	45718
Total		193120	322849	8704	9356	22515	556544	16515	400	793	17358	35066	591610

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Table.6.13 DISTRIBUTION OF SURFACE LIFT SCHEMES(IN USE,TEMPORARILY NOT IN USE) ACCORDING TO SOURCE OF ENERGY

Sl. No.	State	with one source of energy							With two Source of Energy								Grand Total (9+17)
		Electric Pump	Diesel pump	Wind mills	Solar pumps	Manual/ Animal	Others	Total (3 to 8)	Electric Pump & Diesel Pump	Electric Pump & Windmill	Electric Pump & Solar Pump	Diesel Pump & Windmills	Diesel pump & Solar Pump	Windmill & Solar Pumps	Others	Total (10 to 14)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
1	ANDAMAN & NICOBARS	403	325	0	0	265	1	994	2	0	0	0	0	0	4	6	1000
2	ANDHRA PRADESH	4961	1172	43	0	4	62	6242	3324	10	0	0	0	0	4247	7581	13823
3	ARUNACHAL PRADESH	0	5	0	0	0	0	5	1	0	0	0	0	0	0	1	6
4	ASSAM	1601	2687	1	2	6	104	4401	87	0	0	1	1	0	1497	1586	5987
5	BIHAR	133	790	3	0	11	135	1072	1357	3	2	4	6	0	1245	2617	3689
6	CHHATISGARH	10458	5623	22	12	202	150	16467	394	9	4	4	7	4	160	582	17049
7	GOA	707	53	1	0	69	8	838	0	0	0	0	0	0	0	0	838
8	GUJARAT	1258	34030	0	1	0	2	35291	567	0	0	0	1	0	1	569	35860
9	HARYANA	23	0	0	0	0	2	25	1	1	0	0	0	0	69	71	96
10	HIMACHAL PRADESH	388	13	0	0	17	26	444	17	0	0	0	0	0	30	47	491
11	JAMMU & KASHMIR	158	1	0	0	1	8	168	6	0	1	0	0	0	0	7	175
12	JHARKHAND	593	6205	8	7	3688	155	10656	758	12	3	3	9	0	3104	3889	14545
13	KARNATAKA	63465	1622	71	15	71	303	65547	4289	75	214	2	0	0	779	5359	70906
14	KERALA	11683	911	7	3	465	117	13186	116	2	5	0	1	0	444	568	13754
15	MADHYA PRADESH	47331	11070	80	103	75	323	58982	3271	83	13	31	5	2	1336	4741	63723
16	MAHARASHTRA	178490	6406	157	27	466	506	186052	1131	53	45	2	3	0	2391	3625	189677
17	MANIPUR	0	141	0	0	0	0	141	0	0	0	0	0	0	0	0	141
18	MEGHALAYA	3	49	0	0	2	0	54	0	0	0	0	0	0	1	1	55
19	NAGALAND	3	24	0	1	12	2	42	0	0	0	0	0	0	1	1	43
20	ODISHA	8395	29631	45	23	4809	571	43474	627	15	12	78	55	0	1875	2662	46136
21	PUNJAB	318	846	1	0	0	2	1167	829	0	0	0	0	0	1	830	1997
22	RAJASTHAN	834	18816	4	2	8	2	19666	642	0	0	0	0	0	30	672	20338
23	TAMIL NADU	1072	408	9	0	39	266	1794	40	3	0	1	0	0	25	69	1863
24	TELANGANA	20256	321	6	3	2	1	20589	3746	24	20	1	1	0	2464	6256	26845
25	TRIPURA	1557	350	2	0	0	0	1909	3	0	0	0	0	0	0	3	1912
26	UTTARAKHAND	162	39	4	0	34	316	555	0	0	0	0	0	0	1	1	556
27	UTTAR PRADESH	768	12728	10	27	22	268	13823	276	1	2	5	2	0	278	564	14387
28	WEST BENGAL	11846	21834	28	18	232	396	34354	6521	30	16	69	62	11	4655	11364	45718
Total		366866	156100	502	244	10500	3726	537938	28005	321	337	201	153	17	24638	53672	591610

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Table.6.14 DISTRIBUTION OF SURFACE LIFT SCHEMES(IN USE,TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Surface Lift Scheme by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9+10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	ANDAMAN & NICOBARS	393	38	295	2	0	8	736	264	1000
2	ANDHRA PRADESH	28	1578	9491	1126	125	1473	13821	2	13823
3	ARUNACHAL PRADESH	1	2	0	0	0	3	6	0	6
4	ASSAM	324	1565	3823	3	3	262	5980	7	5987
5	BIHAR	304	404	2113	37	50	775	3683	6	3689
6	CHHATISGARH	5325	7429	3914	37	21	231	16957	92	17049
7	GOA	73	358	280	20	7	31	769	69	838
8	GUJARAT	7	909	1035	21	9	33878	35859	1	35860
9	HARYANA	32	0	1	0	0	63	96	0	96
10	HIMACHAL PRADESH	54	60	41	10	13	297	475	16	491
11	JAMMU & KASHMIR	3	5	32	0	5	129	174	1	175
12	JHARKHAND	1626	3702	5112	64	93	311	10908	3637	14545
13	KARNATAKA	6125	4044	23330	10439	1331	25623	70892	14	70906
14	KERALA	5496	4145	2279	241	95	1276	13532	222	13754
15	MADHYA PRADESH	1349	15078	32593	2987	1622	10039	63668	55	63723
16	MAHARASHTRA	4934	26010	116544	12385	4155	25520	189548	129	189677
17	MANIPUR	0	0	0	0	0	141	141	0	141
18	MEGHALAYA	1	1	48	0	1	2	53	2	55
19	NAGALAND	3	7	18	0	0	5	33	10	43
20	ODISHA	6300	19877	9630	842	106	4658	41413	4723	46136
21	PUNJAB	50	19	59	445	743	680	1996	1	1997
22	RAJASTHAN	40	136	4492	3162	6974	5526	20330	8	20338

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Table.6.14 DISTRIBUTION OF SURFACE LIFT SCHEMES(IN USE,TEMPORARILY NOT IN USE) ACCORDING TO HORSE POWER OF LIFTING DEVICES

(In Nos.)

Sl. No.	State	No. of Surface Lift Scheme by horse power of lifting devices								
		0-2 hp	2-4 hp	4-6 hp	6-8 hp	8-10 hp	above 10 hp	Total (3 to 8)	Schemes without horse power	Total (9+10)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
23	TAMIL NADU	282	245	879	218	31	185	1840	23	1863
24	TELANGANA	30	3721	19689	1509	342	1552	26843	2	26845
25	TRIPURA	42	324	69	0	0	1477	1912	0	1912
26	UTTARAKHAND	119	83	114	29	56	140	541	15	556
27	UTTAR PRADESH	816	464	1980	2043	7240	1832	14375	12	14387
28	WEST BENGAL	3076	6626	28734	739	204	6192	45571	147	45718
Total:		36833	96830	266595	36359	23226	122309	582152	9458	591610

MINOR IRRIGATION CENSUS (2013-14)

Table.6.15 DISTRIBUTION OF SURFACE LIFT SCHEMES(IN USE,TEMPORARILY NOT IN USE) ACCORDING TO TOTAL HOURS OF PUMPING OPERATION

(In Nos.)

Sl. No.	State	During Kharif Season							During Rabi season						
		<200 hrs	200-400 hrs	400-600	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (3 to 8)	<200 hrs	200-400 hrs	400-600 hrs	600-800 hrs	800-1000 hrs	>=1000 hrs	Total (10 to15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	736	0	0	0	0	0	736	694	39	3	0	0	0	736
2	ANDHRA PRADESH	8050	1917	1465	1449	793	147	13821	5280	2725	2327	1519	1638	332	13821
3	ARUNACHAL PRADESH	3	1	2	0	0	0	6	3	0	2	1	0	0	6
4	ASSAM	5767	134	49	25	5	0	5980	4976	726	61	64	148	5	5980
5	BIHAR	3166	330	120	37	12	18	3683	3280	278	86	25	5	9	3683
6	CHHATISGARH	16254	487	131	40	19	26	16957	14992	1033	394	192	111	235	16957
7	GOA	769	0	0	0	0	0	769	731	30	8	0	0	0	769
8	GUJARAT	35857	0	2	0	0	0	35859	35162	513	113	56	9	6	35859
9	HARYANA	28	1	21	46	0	0	96	39	7	33	9	8	0	96
10	HIMACHAL PRADESH	214	78	67	38	39	39	475	180	86	81	54	30	44	475
11	JAMMU & KASHMIR	29	24	6	12	13	90	174	148	7	0	6	8	5	174
12	JHARKHAND	9622	674	322	161	64	65	10908	9994	621	162	48	24	59	10908
13	KARNATAKA	38046	17068	6655	4123	1959	3041	70892	48363	13484	5943	1350	741	1011	70892
14	KERALA	12994	361	115	39	19	4	13532	12269	789	237	103	72	62	13532
15	MADHYA PRADESH	57959	4250	1306	109	21	23	63668	29923	20376	6757	3984	1848	780	63668
16	MAHARASHTRA	155028	24231	6709	1575	1286	719	189548	128494	35831	11996	7424	2868	2935	189548
17	MANIPUR	128	12	0	1	0	0	141	112	29	0	0	0	0	141
18	MEGHALAYA	49	3	1	0	0	0	53	34	14	4	1	0	0	53
19	NAGALAND	25	6	2	0	0	0	33	33	0	0	0	0	0	33
20	ODISHA	34191	4953	1125	626	363	155	41413	30426	6501	1938	1260	867	421	41413
21	PUNJAB	210	750	381	290	36	329	1996	1348	247	140	236	21	4	1996
22	RAJASTHAN	20299	15	10	2	1	3	20330	10372	6470	2150	790	391	157	20330
23	TAMIL NADU	1488	88	51	32	27	154	1840	1449	154	60	56	98	23	1840
24	TELANGANA	2825	4145	7170	6253	3214	3236	26843	6321	2402	8393	8226	1179	322	26843
25	TRIPURA	1210	605	73	21	2	1	1912	385	762	514	142	80	29	1912
26	UTTARAKHAND	334	125	37	16	10	19	541	349	123	16	17	17	19	541
27	UTTAR PRADESH	13315	789	146	62	27	36	14375	11609	2027	434	143	78	84	14375
28	WEST BENGAL	40093	3170	1082	555	297	374	45571	34150	7115	1614	975	612	1105	45571
Total:		458689	64217	27048	15512	8207	8479	582152	391116	102389	43466	26681	10853	7647	582152

MINOR IRRIGATION CENSUS (2013-14)

Table.6.16 DISTRIBUTION OF SURFACE LIFT SCHEMES(IN USE,TEMPORARILY NOT IN USE) ACCORDING TO AVERAGE HOURS OF PUMPING PER DAY

(In Nos.)

Sl. No.	State	During Kharif season							During Rabi season						
		0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (3 to 8)	0-4 hrs	4-8 hrs	8-12 hrs	12-16 hrs	16-20 hrs	20-24 hrs	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	682	48	6	0	0	0	736	546	182	3	5	0	0	736
2	ANDHRA PRADESH	6508	7049	244	6	11	3	13821	4483	9004	303	24	6	1	13821
3	ARUNACHAL PRADESH	3	0	0	3	0	0	6	3	0	1	0	2	0	6
4	ASSAM	5143	787	32	7	0	11	5980	2898	2969	98	0	0	15	5980
5	BIHAR	1911	1143	494	89	18	28	3683	1994	1117	435	108	13	16	3683
6	CHHATISGARH	12251	1887	585	1028	80	1126	16957	9737	3186	1004	1606	86	1338	16957
7	GOA	769	0	0	0	0	0	769	766	3	0	0	0	0	769
8	GUJARAT	15414	20438	6	0	0	1	35859	33355	1997	494	7	1	5	35859
9	HARYANA	26	26	12	0	0	32	96	28	30	6	31	1	0	96
10	HIMACHAL PRADESH	171	151	127	8	15	3	475	150	160	134	9	17	5	475
11	JAMMU & KASHMIR	18	42	37	55	20	2	174	139	22	5	3	5	0	174
12	JHARKHAND	6485	3043	1012	222	34	112	10908	6697	3156	826	145	26	58	10908
13	KARNATAKA	30859	33949	5041	677	205	161	70892	43736	23045	3615	168	184	144	70892
14	KERALA	12786	619	104	13	4	6	13532	12206	1041	199	59	10	17	13532
15	MADHYA PRADESH	48839	10521	3943	212	17	136	63668	6506	29885	23296	3459	298	224	63668
16	MAHARASHTRA	99497	70406	15705	2069	241	1630	189548	77334	78841	27613	2627	412	2721	189548
17	MANIPUR	92	44	4	0	1	0	141	67	70	4	0	0	0	141
18	MEGHALAYA	48	3	2	0	0	0	53	32	19	2	0	0	0	53
19	NAGALAND	30	3	0	0	0	0	33	33	0	0	0	0	0	33
20	ODISHA	22447	13945	4017	817	57	130	41413	20173	14638	5042	1268	131	161	41413
21	PUNJAB	43	982	900	68	2	1	1996	175	1262	537	21	0	1	1996
22	RAJASTHAN	20101	183	46	0	0	0	20330	1057	10703	7476	733	237	124	20330
23	TAMIL NADU	1487	275	40	23	1	14	1840	1411	371	40	6	1	11	1840
24	TELANGANA	2055	23706	513	514	7	48	26843	6543	19754	469	54	3	20	26843
25	TRIPURA	714	1136	62	0	0	0	1912	198	1132	565	14	1	2	1912
26	UTTARAKHAND	251	135	134	19	1	1	541	248	127	144	19	2	1	541
27	UTTAR PRADESH	6320	4764	2716	428	49	98	14375	4077	5083	4345	574	101	195	14375
28	WEST BENGAL	29497	8214	6675	574	168	443	45571	25589	10221	7903	1232	293	333	45571
Total:		324447	203499	42457	6832	931	3986	582152	260181	218018	84559	12172	1830	5392	582152

MINOR IRRIGATION CENSUS (2013-14)

Table.6.17 DISTRIBUTION OF TANKS/PONDS /RESERVOIR OF SURFACE LIFT SCHEMES BY CCA CLASSES AND IN USE & THEIR PC & PU

(In Nos.)

Sl. No.	State	No. of Tanks/Reservoirs & Other Storages by CCA Class and status in use, PC & PU																				
		0 to 20 ha			20 to 40 ha			40 to 100 ha			100 to 500 ha			500 to 1000 ha			1000 to 2000 ha			Total		
		No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU	No.	PC	PU
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
1	ANDAMAN & NICOBARS	636	1116	508.16	0	0	0	1	2	2	3	90	61	0	0	0	1	1000	50	641	2208	621.16
2	ANDHRA PRADESH	733	1469.79	1080.34	9	298.67	187.78	5	314.86	184.95	8	2518.86	2306.39	2	1371.93	809.4	0	0	0	757	5974.11	4568.86
3	ARUNACHAL PRADESH	0	0	0	1	21	19	0	0	0	0	0	0	0	0	0	0	0	0	1	21	19
4	ASSAM	1752	3853.14	3091.54	8	221	131.8	6	558	408	22	5184.8	2659.1	3	3266	808	3	3981.95	2151.4	1794	17064.89	9249.84
5	BIHAR	231	1923.67	1528.6	86	2500	1898	6	697.5	622	0	0	0	0	0	0	0	0	0	323	5121.17	4048.6
6	CHHATISGARH	2316	3983.98	3764.23	31	570.45	538.94	53	808.59	803.49	10	3088.04	3088.04	2	586	586	0	0	0	2412	9037.06	8780.7
7	GOA	213	280.89	279.04	2	40	40	2	73	73	0	0	0	0	0	0	0	0	0	217	393.89	392.04
8	GUJARAT	27739	109587.75	98254.7	8	175	158.5	1	105	105	0	0	0	0	0	0	0	0	0	27748	109867.75	98518.2
9	HARYANA	1	10	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	10
10	HIMACHAL PRADESH	14	61.58	48.58	5	251.54	199.5	0	0	0	0	0	0	0	0	0	0	0	0	19	313.12	248.08
11	JAMMU & KASHMIR	0	0	0	3	104.38	104.38	0	0	0	0	0	0	0	0	0	0	0	0	3	104.38	104.38
12	JHARKHAND	2731	5842.99	4670.13	30	580.42	417.32	8	227.7	75.8	4	314.2	304.3	0	0	0	0	0	0	2773	6965.31	5467.55
13	KARNATAKA	5317	12023.7	10687.22	63	1542.05	1370.6	31	1369.42	1283.77	6	727.53	707.42	1	0	0	0	0	0	5418	15662.7	14049.01
14	KERALA	7589	13366.5	12317.97	219	6871.13	6201.83	84	4888.78	4585.08	26	4447.9	4286.21	0	0	0	0	0	0	7918	29574.31	27391.09
15	MADHYA PRADESH	4980	25059.02	23425.46	406	9440.67	8057.84	239	11386.16	9793.56	118	12818.85	9958.22	13	3320.73	2131.77	2	12.63	12.63	5758	62038.06	53379.48
16	MAHARASHTRA	39833	92882.58	81481.65	180	5629.52	4879.65	162	11323.58	9366.68	46	7978.14	7131.97	4	2650	2289	0	0	0	40225	120463.82	105148.95
17	MANIPUR	5	85	85	15	425	415	0	0	0	0	0	0	0	0	0	0	0	0	20	510	500
18	MEGHALAYA	20	100.5	86	0	0	0	0	0	0	1	487	445	0	0	0	0	0	0	21	587.5	531
19	NAGALAND	18	132	88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	132	88
20	ODISHA	12505	21226.28	14245.46	136	3514.86	2331.78	52	3307.08	2620.63	12	2089.92	1534.1	1	6.07	2.02	0	0	0	12706	30144.21	20733.99
21	PUNJAB	42	142.74	142.74	1	34.42	34.42	1	89.16	89.16	0	0	0	0	0	0	0	0	0	44	266.32	266.32
22	RAJASTHAN	10976	51826.34	50276.78	143	3831	3474.74	48	2945.27	2536.94	24	4214.4	3460.47	0	0	0	0	0	0	11191	62817.01	59748.93
23	TAMIL NADU	287	672.89	586.39	10	358.08	265.29	3	176.63	105	2	467.4	466.99	0	0	0	0	0	0	302	1675	1423.67
24	TELANGANA	2642	4417.65	3732.65	2	64.74	56.66	3	54.22	53.41	10	3624.4	2982.96	2	2488.81	1734.07	2	5237.03	3338.65	2661	15886.85	11898.4
25	TRIPURA	14	34.3	25.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14	34.3	25.85
26	UTTARAKHAND	23	279.5	240.1	4	133	120	1	150	85	1	205	205	0	0	0	0	0	0	29	767.5	650.1
27	UTTAR PRADESH	1856	7985.62	6565.37	156	4192	4002.5	21	1012	902.9	3	118	78	0	0	0	0	0	0	2036	13307.62	11548.77
28	WEST BENGAL	20871	101614.06	71137.84	614	16748.78	12740.05	410	23925.88	17037.62	54	5751.79	4580.09	0	0	0	1	14.14	2.01	21950	148054.65	105497.61
Total :		143344	459978.47	388359.8	2132	57547.71	47645.58	1137	63414.83	50733.99	350	54126.23	44255.26	28	13689.54	8360.26	9	10245.75	5554.69	147000	659002.53	544909.58

MINOR IRRIGATION CENSUS (2013-14)

Table.6.18 DISTRIBUTION OF SURFACE LIFT SCHEMES BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl.No	State	Number of Surface Lift Schemes			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
1	ANDAMAN & NICOBARS	998	0	3	1001
2	ANDHRA PRADESH	10982	3804	17	14803
3	ARUNACHAL PRADESH	5	1	0	6
4	ASSAM	5672	288	77	6037
5	BIHAR	3603	100	0	3703
6	CHHATISGARH	16483	528	38	17049
7	GOA	804	37	0	841
8	GUJARAT	33818	2070	0	35888
9	HARYANA	99	1	0	100
10	HIMACHAL PRADESH	477	16	0	493
11	JAMMU & KASHMIR	174	1	0	175
12	JHARKHAND	14274	329	0	14603
13	KARNATAKA	60051	3962	7350	71363
14	KERALA	11769	2011	3	13783
15	MADHYA PRADESH	59620	2413	1819	63852
16	MAHARASHTRA	133680	55689	413	189782
17	MANIPUR	135	18	0	153
18	MEGHALAYA	56	0	0	56
19	NAGALAND	45	0	0	45
20	ODISHA	42891	4245	81	47217
21	PUNJAB	1953	44	0	1997
22	RAJASTHAN	18492	1860	0	20352
23	TAMIL NADU	1960	128	91	2179
24	TELANGANA	23215	6550	294	30059

MINOR IRRIGATION CENSUS (2013-14)

Table.6.18 DISTRIBUTION OF SURFACE LIFT SCHEMES BY LOCATION IN THE COMMAND OF MAJOR / MEDIUM PROJECTS

(In Nos.)

Sl.No	State	Number of Surface Lift Schemes			
		Outside command	Inside command	Inside command for augmentation only	Total (3 to 5)
(1)	(2)	(3)	(4)	(5)	(6)
25	TRIPURA	1929	2	0	1931
26	UTTARAKHAND	659	24	9	692
27	UTTAR PRADESH	13480	1318	0	14798
28	WEST BENGAL	44486	2200	449	47135
Total:		501810	87639	10644	600093

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19A CCA AND SEASON WISE POTENTIAL CREATED THORUGH ALL SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	4269.32	1341.13	1412.35	9.41	0.25	2763.14
2	ANDHRA PRADESH	132306.28	92882.33	63520	1596.29	97.51	158096.13
3	ARUNACHAL PRADESH	123	111	89	0	20	220
4	ASSAM	67513.95	45023.74	22101.33	5.35	30.43	67160.85
5	BIHAR	50175.6	23779.24	21125.82	10494.4	11648.68	67048.14
6	CHHATISGARH	104475.82	28483.2	31900.99	1.03	17.69	60402.91
7	GOA	2136.1	18.35	226.29	1342	89.79	1676.43
8	GUJARAT	145115.59	140056.12	1637.03	2908.39	75.65	144677.19
9	HARYANA	457	371	371	3	0	745
10	HIMACHAL PRADESH	8892.46	6354.64	6245.77	11	96.63	12708.04
11	JAMMU & KASHMIR	12871.29	12514.4	1660.18	2.12	0	14176.7
12	JHARKHAND	52897.77	26523.67	11388.14	599.69	1667.77	40179.27
13	KARNATAKA	247934.49	138653.36	56464.98	34025.16	25330.77	254474.27
14	KERALA	85251.61	21578.39	25986.66	32284.51	12223.2	92072.76
15	MADHYA PRADESH	890032.79	88086.35	711099.46	1371.99	1064.38	801622.18
16	MAHARASHTRA	583848.68	284909.08	203053.5	122433.87	43587.24	653983.69
17	MANIPUR	2989	2694	547	0	0	3241
18	MEGHALAYA	788.9	602	88.5	6	17	713.5
19	NAGALAND	618.14	453.6	153	40.25	11	657.85
20	ODISHA	211779.14	155609.8	108464.8	1070	160.9	265305.5
21	PUNJAB	8280.11	7075.99	7155.29	18	29	14278.28
22	RAJASTHAN	128098.54	1466.97	127098.42	0	359.34	128924.73
23	TAMIL NADU	16285.35	9401	7621.37	1257.27	300.75	18580.39
24	TELANGANA	64593.93	57537.86	36630.53	412.96	144.79	94726.14
25	TRIPURA	53288.12	46463.77	41947.92	62	13099.48	101573.17

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19A CCA AND SEASON WISE POTENTIAL CREATED THORUGH ALL SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26	UTTARAKHAND	8502.62	6080.23	5652.81	329.97	1418.85	13481.86
27	UTTAR PRADESH	73951.36	29906.08	38806.65	5631.63	6144.7	80489.06
28	WEST BENGAL	512832.09	266375.14	269491.49	18496.85	76313.37	630676.85
Total :		3470309.05	1494352.44	1801940.28	234413.14	193949.17	3724655.03

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19B CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THORUGH SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	4260.62	1338.23	1409.45	9.41	0.25	2757.34
2	ANDHRA PRADESH	111766.97	79941.77	56180.45	1496.83	4.43	137623.48
3	ARUNACHAL PRADESH	83	71	54	0	5	130
4	ASSAM	51993.75	36145.16	18912.19	5.35	30.43	55093.13
5	BIHAR	45942.44	21676.24	19284.82	9697.69	10722.68	61381.43
6	CHHATISGARH	104321.94	28373.81	31829.34	1.03	17.69	60221.87
7	GOA	2124.22	17.35	226.24	1336.5	89.69	1669.78
8	GUJARAT	135389.09	130409.22	1604.23	2907.89	75.65	134996.99
9	HARYANA	448	367	367	3	0	737
10	HIMACHAL PRADESH	8839.44	6354.63	6245.76	11	96.63	12708.02
11	JAMMU & KASHMIR	12840.99	12484.1	1629.88	2.12	0	14116.1
12	JHARKHAND	45654.55	25601.94	11089.9	557.66	1643.85	38893.35
13	KARNATAKA	234903.82	138189.18	56288.09	33894.01	25244.18	253615.46
14	KERALA	83316.32	21146	25416.6	32052.53	11418.22	90033.35
15	MADHYA PRADESH	886908.85	87631.23	708894.51	1371.99	1059.88	798957.61
16	MAHARASHTRA	581722.03	283773.98	202397.04	122092.46	43433.61	651697.09
17	MANIPUR	2699	2694	547	0	0	3241
18	MEGHALAYA	783.4	597	88.5	6	17	708.5
19	NAGALAND	613.04	449	153	40	11	653
20	ODISHA	170180.91	127713.18	87782.15	998.25	127.11	216620.69
21	PUNJAB	8280.11	7075.99	7155.29	18	29	14278.28
22	RAJASTHAN	127827.37	1446.37	126831.47	0	358.34	128636.18
23	TAMIL NADU	13477.64	8348.8	5821.41	1207.42	197.48	15575.11
24	TELANGANA	59095.24	52773.53	35464.69	412.96	144.79	88795.97
25	TRIPURA	51983.12	45534.27	41220.62	62	12845.48	99662.37

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19B CCA AND SEASON WISE POTENTIAL CREATED (IN USE) THORUGH SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
26	UTTARAKHAND	6217.56	4628.71	4278.99	315.89	1195.92	10419.51
27	UTTAR PRADESH	70091.8	28250.17	37014.6	5538.83	5866.05	76669.65
28	WEST BENGAL	470637.19	252172.17	256887.62	16852.08	73495.89	599407.76
Total :		3292402.41	1405204.03	1745074.84	230890.9	188130.25	3569300.02

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19C CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THORUGH SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	5.3	1.9	1.9	0	0	3.8
2	ANDHRA PRADESH	9274.3	6096.98	3784.91	99.46	93.08	10074.43
3	ARUNACHAL PRADESH	40	40	35	0	15	90
4	ASSAM	14244.57	8365.61	2953.64	0	0	11319.25
5	BIHAR	4197.95	2085	1826	795	926	5632
6	CHHATISGARH	153.88	109.39	71.65	0	0	181.04
7	GOA	6.65	1	0.05	5.5	0.1	6.65
8	GUJARAT	9590.5	9514.2	30.2	0.5	0	9544.9
9	HARYANA	1	0	0	0	0	0
10	HIMACHAL PRADESH	40	0	0	0	0	0
11	JAMMU & KASHMIR	30.3	30.3	30.3	0	0	60.6
12	JHARKHAND	5153.32	865.36	286.02	19.03	23.82	1194.23
13	KARNATAKA	2405.55	409.23	163.19	13.3	85.75	671.47
14	KERALA	1768.96	384.99	537.16	194.96	798.07	1915.18
15	MADHYA PRADESH	2602.65	390.12	1893.5	0	3.5	2287.12
16	MAHARASHTRA	1921.92	1012.97	611.96	312.86	126.35	2064.14
17	MANIPUR	30	0	0	0	0	0
18	NAGALAND	5.1	4.6	0	0.25	0	4.85
19	ODISHA	27796.6	20325.93	14554.54	60.15	33.4	34974.02
20	RAJASTHAN	204.64	20.6	200.42	0	1	222.02
21	TAMIL NADU	1404.05	739.11	727.95	47.18	75.87	1590.11
22	TELANGANA	4865.47	4385.68	991.12	0	0	5376.8
23	TRIPURA	629	399	348.3	0	83	830.3
24	UTTARAKHAND	1669.6	1071.25	1030.25	13.08	183.05	2297.63

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19C CCA AND SEASON WISE POTENTIAL CREATED (TEMPORARY NOT IN USE) THORUGH SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
25	UTTAR PRADESH	2766.57	1493.16	1607.3	67.8	249.15	3417.41
26	WEST BENGAL	35933.12	11087.63	9609.05	1296.79	2313.56	24307.03
Total :		126741	68834.01	41294.41	2925.86	5010.7	118064.98

MINOR IRRIGATION CENSUS (2013-14)

Table.6.19D CCA AND SEASON WISE POTENTIAL CREATED (PERMANENTLY NOT IN USE) THORUGH SURFACE LIFT SCHEMES

(In ha.)

Sl.No	State	Culturable command area	Irrigation potential created				
			kharif	rabi	perennial	other	Total (4 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS	3.4	1	1	0	0	2
2	ANDHRA PRADESH	11265.01	6843.58	3554.64	0	0	10398.22
3	ASSAM	1275.63	512.97	235.5	0	0	748.47
4	BIHAR	35.21	18	15	1.71	0	34.71
5	GOA	5.23	0	0	0	0	0
6	GUJARAT	136	132.7	2.6	0	0	135.3
7	HARYANA	8	4	4	0	0	8
8	HIMACHAL PRADESH	13.02	0.01	0.01	0	0	0.02
9	JHARKHAND	2089.9	56.37	12.22	23	0.1	91.69
10	KARNATAKA	10625.12	54.95	13.7	117.85	0.84	187.34
11	KERALA	166.33	47.4	32.9	37.02	6.91	124.23
12	MADHYA PRADESH	521.29	65	311.45	0	1	377.45
13	MAHARASHTRA	204.73	122.13	44.5	28.55	27.28	222.46
14	MANIPUR	260	0	0	0	0	0
15	MEGHALAYA	5.5	5	0	0	0	5
16	ODISHA	13801.63	7570.69	6128.11	11.6	0.39	13710.79
17	RAJASTHAN	66.53	0	66.53	0	0	66.53
18	TAMIL NADU	1403.66	313.09	1072.01	2.67	27.4	1415.17
19	TELANGANA	633.22	378.65	174.72	0	0	553.37
20	TRIPURA	676	530.5	379	0	171	1080.5
21	UTTARAKHAND	615.46	380.27	343.57	1	39.88	764.72
22	UTTAR PRADESH	1092.99	162.75	184.75	25	29.5	402
23	WEST BENGAL	6261.78	3115.34	2994.82	347.98	503.92	6962.06
Total :		51165.64	20314.4	15571.03	596.38	808.22	37290.03

MINOR IRRIGATION CENSUS (2013-14)
Table.6.20 SEASON WISE POTENTIAL UTILISED THROUGH ALL SURFACE LIFT SCHEMES

(Area in ha.)

Sl.No	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	404.53	573.69	9.33	0.2	987.75	404.53	573.69	9.33	0.2	987.75
2	ANDHRA PRADESH	12014.07	14238.6	721.22	0	26973.89	42294.18	24867.13	687.26	0.8	67849.37	54308.25	39105.73	1408.48	0.8	94823.26
3	ARUNACHAL PRADESH	0	0	0	0	0	108	86	0	20	214	108	86	0	20	214
4	ASSAM	3.63	0	0	0	3.63	21479.65	9970.77	2.3	15.64	31468.36	21483.28	9970.77	2.3	15.64	31471.99
5	BIHAR	186.5	153.64	89.5	96	525.64	19399.25	17523.05	7791.5	8037	52750.8	19585.75	17676.69	7881	8133	53276.44
6	CHHATISGARH	21.27	888.3	0	0	909.57	26466.35	27020.5	1.03	5.69	53493.57	26487.62	27908.8	1.03	5.69	54403.14
7	GOA	0	36.12	27.99	35	99.11	17.15	189.47	1297.14	53.94	1557.7	17.15	225.59	1325.13	88.94	1656.81
8	GUJARAT	66.2	318.05	2350.55	5.56	2740.36	116849.15	628	7	0	117484.15	116915.35	946.05	2357.55	5.56	120224.51
9	HARYANA	5	5	0	0	10	362	362	3	0	727	367	367	3	0	737
10	HIMACHAL PRADESH	522.33	608.34	0	0	1130.67	5098.58	5031.69	11	96.63	10237.9	5620.91	5640.03	11	96.63	11368.57
11	JAMMU & KASHMIR	88.48	48.08	0	0	136.56	12183.42	1197.15	2.12	0	13382.69	12271.9	1245.23	2.12	0	13519.25
12	JHARKHAND	248.26	42.92	10.02	14.77	315.97	22531.24	9253.05	381.8	1412.04	33578.13	22779.5	9295.97	391.82	1426.81	33894.1
13	KARNATAKA	8850.71	2565.17	667.66	5534.66	17618.2	126156.45	51584.38	32358.74	19063.07	229162.64	135007.16	54149.55	33026.4	24597.73	246780.84
14	KERALA	3969.36	5023.28	3546.1	2639.31	15178.05	15496.27	18939.92	27392.78	8123.53	69952.5	19465.63	23963.2	30938.88	10762.84	85130.55
15	MADHYA PRADESH	2987.81	18906.82	0	14.4	21909.03	58038.11	639182.02	1142.9	741.6	699104.63	61025.92	658088.84	1142.9	756	721013.66
16	MAHARASHTRA	53226.81	54430.05	41136.18	5593.74	154386.78	194064.35	122603.54	69624.15	25139.47	411431.51	247291.16	177033.59	110760.33	30733.21	565818.29
17	MANIPUR	320	90	0	0	410	2216	375	0	0	2591	2536	465	0	0	3001
18	MEGHALAYA	0	0	0	0	0	548.9	65	5	6	624.9	548.9	65	5	6	624.9
19	NAGALAND	0	0	0	0	0	378.5	101.7	28.5	8	516.7	378.5	101.7	28.5	8	516.7
20	ODISHA	10795.85	9300.34	36.2	14.71	20147.1	82894.99	52635.29	760.85	61.59	136352.72	93690.84	61935.63	797.05	76.3	156499.82
21	PUNJAB	77.55	77.55	0	0	155.1	6936.94	7009.84	18	29	13993.78	7014.49	7087.39	18	29	14148.88
22	RAJASTHAN	1.75	7828.66	0	185.67	8016.08	783.52	114925.52	0	135.07	115844.11	785.27	122754.18	0	320.74	123860.19
23	TAMIL NADU	131.99	384.49	33.47	1.53	551.48	6018.58	4623.45	893.77	122.03	11657.83	6150.57	5007.94	927.24	123.56	12209.31
24	TELANGANA	10511.32	9360.37	44.81	0	19916.5	31604.76	17444.32	362.92	125.58	49537.58	42116.08	26804.69	407.73	125.58	69454.08
25	TRIPURA	0	0	0	0	0	37778.47	35091.35	56	9752.08	82677.9	37778.47	35091.35	56	9752.08	82677.9
26	UTTARAKHAND	95.8	103.4	4.5	8.5	212.2	4784.02	4415.47	306.49	1131.68	10637.66	4879.82	4518.87	310.99	1140.18	10849.86
27	UTTAR PRADESH	1527.3	1679.13	167.3	168.71	3542.44	21858.51	28845.8	3849.3	3662.02	58215.63	23385.81	30524.93	4016.6	3830.73	61758.07
28	WEST BENGAL	1312.25	1888.69	264.82	374.28	3840.04	198476.15	205725.38	12640.78	54813.57	471655.88	199788.4	207614.07	12905.6	55187.85	475495.92
Total		106964.24	127977	49100.32	14686.84	298728.4	1055228.02	1400270.48	159633.66	132556.23	2747688.39	1162192.26	1528247.48	208733.98	147243.07	3046416.79

MINOR IRRIGATION CENSUS (2013-14)
Table.6.20A SEASON WISE POTENTIAL UTILISED (IN USE) THROUGH SURFACE LIFT SCHEMES

(Area in ha.)

Sl.No	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	ANDAMAN & NICOBARS	0	0	0	0	0	404.13	573.29	9.33	0.2	986.95	404.13	573.29	9.33	0.2	986.95
2	ANDHRA PRADESH	11762.28	13993.04	721.22	0	26476.54	42283.51	24737.35	687.26	0.8	67708.92	54045.79	38730.39	1408.48	0.8	94185.46
3	ARUNACHAL PRADESH	0	0	0	0	0	68	51	0	5	124	68	51	0	5	124
4	ASSAM	0.6	0	0	0	0.6	20877.85	9749.37	2.3	15.64	30645.16	20878.45	9749.37	2.3	15.64	30645.76
5	BIHAR	145.5	114.64	64.5	67	391.64	17730.25	16056.05	7185.5	7412.5	48384.3	17875.75	16170.69	7250	7479.5	48775.94
6	CHHATISGARH	21.27	888.3	0	0	909.57	26360.96	26953.35	1.03	5.69	53321.03	26382.23	27841.65	1.03	5.69	54230.6
7	GOA	0	36.12	27.99	35	99.11	17.15	189.42	1297.14	53.94	1557.65	17.15	225.54	1325.13	88.94	1656.76
8	GUJARAT	62.7	296.05	2350.05	5.56	2714.36	116318.45	626.9	7	0	116952.35	116381.15	922.95	2357.05	5.56	119666.71
9	HARYANA	5	5	0	0	10	362	362	3	0	727	367	367	3	0	737
10	HIMACHAL PRADESH	522.33	608.34	0	0	1130.67	5098.58	5031.69	11	96.63	10237.9	5620.91	5640.03	11	96.63	11368.57
11	JAMMU & KASHMIR	88.48	48.08	0	0	136.56	12183.42	1197.15	2.12	0	13382.69	12271.9	1245.23	2.12	0	13519.25
12	JHARKHAND	241.96	41.67	10.02	14.77	308.42	22003.74	9098.84	375.56	1401.65	32879.79	22245.7	9140.51	385.58	1416.42	33188.21
13	KARNATAKA	8800.21	2565.17	667.66	5484.16	17517.2	125808.74	51422.2	32345.74	19037.82	228614.5	134608.95	53987.37	33013.4	24521.98	246131.7
14	KERALA	3768.26	4822.18	3503.94	2639.31	14733.69	15318.95	18612.37	27249.74	7336	68517.06	19087.21	23434.55	30753.68	9975.31	83250.75
15	MADHYA PRADESH	2977.81	18881.08	0	14.4	21873.29	57820.76	637651.54	1142.9	738.1	697353.3	60798.57	656532.62	1142.9	752.5	719226.59
16	MAHARASHTRA	53149.9	54380.91	41069.93	5562.84	154163.58	193521.97	122372.22	69448.46	25075.52	410418.17	246671.87	176753.13	110518.39	30638.36	564581.75
17	MANIPUR	320	90	0	0	410	2216	375	0	0	2591	2536	465	0	0	3001
18	MEGHALAYA	0	0	0	0	0	548.9	65	5	6	624.9	548.9	65	5	6	624.9
19	NAGALAND	0	0	0	0	0	378.5	101.7	28.5	8	516.7	378.5	101.7	28.5	8	516.7
20	ODISHA	10465.21	9102.93	36.2	14.71	19619.05	80386.9	50808.84	735.68	60.72	131992.14	90852.11	59911.77	771.88	75.43	151611.19
21	PUNJAB	77.55	77.55	0	0	155.1	6936.94	7009.84	18	29	13993.78	7014.49	7087.39	18	29	14148.88
22	RAJASTHAN	1.75	7828.66	0	185.67	8016.08	783.52	114925.52	0	135.07	115844.11	785.27	122754.18	0	320.74	123860.19
23	TAMIL NADU	131.99	376.49	33.47	1.53	543.48	5986.99	4609.25	875.89	117.63	11589.76	6118.98	4985.74	909.36	119.16	12133.24
24	TELANGANA	10509.72	9358.77	44.81	0	19913.3	31521.38	17420.39	362.92	125.58	49430.27	42031.1	26779.16	407.73	125.58	69343.57
25	TRIPURA	0	0	0	0	0	37617.47	34942.35	56	9752.08	82367.9	37617.47	34942.35	56	9752.08	82367.9
26	UTTARAKHAND	95.8	103.4	4.5	8.5	212.2	4197.82	3861.62	302.09	1066.08	9427.61	4293.62	3965.02	306.59	1074.58	9639.81
27	UTTAR PRADESH	1519.3	1672.63	167.3	168.71	3527.94	20939.56	27864.45	3794.15	3489.87	56088.03	22458.86	29537.08	3961.45	3658.58	59615.97
28	WEST BENGAL	1221.22	1753.7	211.82	322.28	3509.02	191564.92	199774.4	11877.29	53379.87	456596.48	192786.14	201528.1	12089.11	53702.15	460105.5
Total :		105888.84	127044.71	48913.41	14524.44	296371.4	1039257.36	1386443.1	157823.6	129349.39	2712873.45	1145146.2	1513487.81	206737.01	143873.83	3009244.85

MINOR IRRIGATION CENSUS (2013-14)
Table.6.20B SEASON WISE POTENTIAL UTILISED (TEMPORARILY NOT IN USE) THROUGH SURFACE LIFT SCHEMES

(Area in ha.)

Sl.No	State	Area irrigated during 2013-14														
		Inside Command of Major/Medium Project					Outside Command					Total				
		Kharif	Rabi	Perennial	Others	Total (3 to 6)	Kharif	Rabi	Perennial	Others	Total (8 to 11)	Kharif (3 + 8)	Rabi (4+9)	Perennial (5 +10)	Others (6 + 11)	Total (13 to 16)
		(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(1)	(2)															
1	ANDAMAN & NICOBARS	0	0	0	0	0	0.4	0.4	0	0	0.8	0.4	0.4	0	0	0.8
2	ANDHRA PRADESH	251.79	245.56	0	0	497.35	10.67	129.78	0	0	140.45	262.46	375.34	0	0	637.8
3	ARUNACHAL PRADESH	0	0	0	0	0	40	35	0	15	90	40	35	0	15	90
4	ASSAM	3.03	0	0	0	3.03	601.8	221.4	0	0	823.2	604.83	221.4	0	0	826.23
5	BIHAR	41	39	25	29	134	1669	1467	606	624.5	4366.5	1710	1506	631	653.5	4500.5
6	CHHATISGARH	0	0	0	0	0	105.39	67.15	0	0	172.54	105.39	67.15	0	0	172.54
7	GOA	0	0	0	0	0	0	0.05	0	0	0.05	0	0.05	0	0	0.05
8	GUJARAT	3.5	22	0.5	0	26	530.7	1.1	0	0	531.8	534.2	23.1	0.5	0	557.8
9	HARYANA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	HIMACHAL PRADESH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	JAMMU & KASHMIR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	JHARKHAND	6.3	1.25	0	0	7.55	527.5	154.21	6.24	10.39	698.34	533.8	155.46	6.24	10.39	705.89
13	KARNATAKA	50.5	0	0	50.5	101	347.71	162.18	13	25.25	548.14	398.21	162.18	13	75.75	649.14
14	KERALA	201.1	201.1	42.16	0	444.36	177.32	327.55	143.04	787.53	1435.44	378.42	528.65	185.2	787.53	1879.8
15	MADHYA PRADESH	10	25.74	0	0	35.74	217.35	1530.48	0	3.5	1751.33	227.35	1556.22	0	3.5	1787.07
16	MAHARASHTRA	76.91	49.14	66.25	30.9	223.2	542.38	231.32	175.69	63.95	1013.34	619.29	280.46	241.94	94.85	1236.54
17	MANIPUR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	NAGALAND	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	ODISHA	330.64	197.41	0	0	528.05	2508.09	1826.45	25.17	0.87	4360.58	2838.73	2023.86	25.17	0.87	4888.63
20	RAJASTHAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	TAMIL NADU	0	8	0	0	8	31.59	14.2	17.88	4.4	68.07	31.59	22.2	17.88	4.4	76.07
22	TELANGANA	1.6	1.6	0	0	3.2	83.38	23.93	0	0	107.31	84.98	25.53	0	0	110.51
23	TRIPURA	0	0	0	0	0	161	149	0	0	310	161	149	0	0	310
24	UTTARAKHAND	0	0	0	0	0	586.2	553.85	4.4	65.6	1210.05	586.2	553.85	4.4	65.6	1210.05
25	UTTAR PRADESH	8	6.5	0	0	14.5	918.95	981.35	55.15	172.15	2127.6	926.95	987.85	55.15	172.15	2142.1
26	WEST BENGAL	91.03	134.99	53	52	331.02	6911.23	5950.98	763.49	1433.7	15059.4	7002.26	6085.97	816.49	1485.7	15390.42
Total		1075.4	932.29	186.91	162.4	2357	15970.66	13827.38	1810.06	3206.84	34814.94	17046.06	14759.67	1996.97	3369.24	37171.94

MINOR IRRIGATION CENSUS (2013-14)
Table.6.21 DISTRIBUTION OF SURFACE LIFT SCHEMES (IN USE) ACCORDING TO CONSTRAINTS IN UTILISATION OF POTENTIAL

(In Nos.)

Sl.No	State	No. of Surface Lift Schemes Having Constraints in utillsation of potential									
		No. of Schemes in use	No.of Schemes without constraints	Inadequate power supply	Mechanical Break Down	Less discharge of Water	Storage not filled up fully	Silitation of Canal / Storage	Channel Break Down	Others	Total(5 to 11)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
1	ANDAMAN & NICOBARS	996	990	1	0	5	0	0	0	0	6
2	ANDHRA PRADESH	13137	11117	161	399	395	221	170	13	661	2020
3	ARUNACHAL PRADESH	4	3	0	0	0	0	0	1	0	1
4	ASSAM	5526	5105	7	149	1	0	0	6	258	421
5	BIHAR	3394	2677	278	229	104	92	5	2	7	717
6	CHHATISGARH	16998	11908	4242	58	71	21	2	25	671	5090
7	GOA	834	816	0	0	1	0	0	0	17	18
8	GUJARAT	34244	32980	1	0	26	26	0	4	1207	1264
9	HARYANA	95	93	0	2	0	0	0	0	0	2
10	HIMACHAL PRADESH	490	446	3	3	9	1	0	3	25	44
11	JAMMU & KASHMIR	174	167	5	0	0	1	0	0	1	7
12	JHARKHAND	11888	9454	263	414	322	219	148	607	461	2434
13	KARNATAKA	70699	55620	8583	1214	4419	426	168	43	226	15079
14	KERALA	13678	13335	113	65	79	7	6	0	73	343
15	MADHYA PRADESH	63523	58831	1124	639	1664	96	14	192	963	4692
16	MAHARASHTRA	189295	45319	69133	2839	8663	1469	725	2276	58871	143976
17	MANIPUR	140	112	0	0	2	3	7	15	1	28
18	MEGHALAYA	55	48	0	1	0	0	0	3	3	7
19	NAGALAND	43	41	0	0	1	0	0	1	0	2
20	ODISHA	43841	23719	1030	2106	7471	1278	529	739	6969	20122
21	PUNJAB	1997	1990	3	3	1	0	0	0	0	7
22	RAJASTHAN	20327	18673	20	8	701	770	25	3	127	1654
23	TAMIL NADU	1780	1354	88	84	55	35	9	3	152	426
24	TELANGANA	26633	22086	1894	89	294	632	204	0	1434	4547
25	TRIPURA	1891	1847	0	10	16	2	7	1	8	44
26	UTTARAKHAND	416	345	2	0	12	0	3	10	44	71
27	UTTAR PRADESH	13483	11582	807	354	237	261	43	90	109	1901
28	WEST BENGAL	43742	32649	3085	1279	426	759	282	113	5149	11093
Total :		579323	363307	90843	9945	24975	6319	2347	4150	77437	216016

MINOR IRRIGATION CENSUS (2013-14)

Table 6.22 DISTRIBUTION OF TANKS/RESERVOIR & OTHER STORAGE OF SURFACE LIFT SCHEMES BY STORAGE SIZE

(In Nos.)

Sl. No.	State	No. of Tanks / Reservoir & Other Storages by Designed storage					
		NA cubic mts	0 to 100 cubic mts	100 to 1000 cubic mts	1000 to 10000 cubic mts	More than 10000 cubic mts	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	ANDAMAN & NICOBARS		2	125	517	1	645
2	ANDHRA PRADESH	714	3	163	2		882
3	ARUNACHAL PRADESH		1				1
4	ASSAM	1810	108	2	3		1923
5	BIHAR	47	222	27	17	27	340
6	CHHATISGARH	839	1398	18	26	136	2417
7	GOA	40	95	81	1		217
8	GUJARAT	362	488	2814	13969	10249	27882
9	HARYANA	2					2
10	HIMACHAL PRADESH	6	4	6	2	1	19
11	JAMMU & KASHMIR		1	2			3
12	JHARKHAND	672	454	366	1212	405	3109
13	KARNATAKA	4303	704	260	60	164	5491
14	KERALA	172	2579	3968	1010	249	7978
15	MADHYA PRADESH	1726	3199	194	285	390	5794
16	MAHARASHTRA	14851	21104	2469	1480	521	40425

MINOR IRRIGATION CENSUS (2013-14)

Table 6.22 DISTRIBUTION OF TANKS/RESERVOIR & OTHER STORAGE OF SURFACE LIFT SCHEMES BY STORAGE SIZE

(In Nos.)

Sl. No.	State	No. of Tanks / Reservoir & Other Storages by Designed storage					
		NA cubic mts	0 to 100 cubic mts	100 to 1000 cubic mts	1000 to 10000 cubic mts	More than 10000 cubic mts	Total (3 to 7)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
17	MANIPUR					21	21
18	MEGHALAYA	16	6				22
19	NAGALAND	17	1				18
20	ODISHA	1852	875	2652	5177	2835	13391
21	PUNJAB	13	1	28	2		44
22	RAJASTHAN	78	11	152	6081	4884	11206
23	TAMIL NADU	211	28	50	29	2	320
24	TELANGANA	3022					3022
25	TRIPURA		2	10	2		14
26	UTTARAKHAND	13	22		1		36
27	UTTAR PRADESH	1461	694	261	276	108	2800
28	WEST BENGAL	4185	1135	386	5880	10598	22184
Total:		36412	33137	14034	36032	30591	150206

MINOR IRRIGATION CENSUS (2013-14)

Table.6.23 DISTRIBUTION OF TANKS/PONDS /RESERVOIR OF SURFACE LIFT SCHEMES BY CCA CLASSES

(In Nos.)

Sl.No	State	No. of Public Tanks/Reservoirs & Other Storages by CCA Classes							No. of Private Tanks/Reservoirs & Other Storages by CCA Classes						
		0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (3 to 8)	0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
1	ANDAMAN & NICOBARS	184	0	0	2	0	1	187	456	0	1	1	0	0	458
2	ANDHRA PRADESH	22	7	6	5	1	0	41	823	8	4	5	1	0	841
3	ARUNACHAL PRADESH	0	0	0	0	0	0	0	0	1	0	0	0	0	1
4	ASSAM	7	10	10	29	7	2	65	1852	1	0	4	0	1	1858
5	BIHAR	132	48	3	0	0	0	183	115	39	3	0	0	0	157
6	CHHATISGARH	678	14	6	6	1	0	705	1642	18	47	4	1	0	1712
7	GOA	3	0	2	0	0	0	5	210	2	0	0	0	0	212
8	GUJARAT	27869	8	1	0	0	0	27878	4	0	0	0	0	0	4
9	HARYANA	1	0	0	0	0	0	1	1	0	0	0	0	0	1
10	HIMACHAL PRADESH	4	5	0	0	0	0	9	10	0	0	0	0	0	10
11	JAMMU & KASHMIR	0	3	0	0	0	0	3	0	0	0	0	0	0	0
12	JHARKHAND	1229	18	4	2	0	0	1253	1835	13	6	2	0	0	1856
13	KARNATAKA	156	16	7	1	0	0	180	5230	50	24	5	1	1	5311
14	KERALA	811	193	69	23	0	0	1096	6831	32	16	3	0	0	6882
15	MADHYA PRADESH	1657	284	194	99	10	2	2246	3350	128	48	19	3	0	3548
16	MAHARASHTRA	2599	29	36	22	2	0	2688	37434	151	126	24	2	0	37737
17	MANIPUR	5	16	0	0	0	0	21	0	0	0	0	0	0	0

MINOR IRRIGATION CENSUS (2013-14)

Table.6.23 DISTRIBUTION OF TANKS/PONDS /RESERVOIR OF SURFACE LIFT SCHEMES BY CCA CLASSES

(In Nos.)

Sl.No	State	No. of Public Tanks/Reservoirs & Other Storages by CCA Classes							No. of Private Tanks/Reservoirs & Other Storages by CCA Classes						
		0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (3 to 8)	0 to 20 ha	20 to 40 ha	40 to 100 ha	100 to 500 ha	500 to 1000 ha	1000 to 2000 ha	Total (10 to 15)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
18	MEGHALAYA	20	0	0	1	0	0	21	1	0	0	0	0	0	1
19	NAGALAND	4	0	0	0	0	0	4	14	0	0	0	0	0	14
20	ODISHA	1862	159	30	11	1	0	2063	11280	20	27	1	0	0	11328
21	PUNJAB	5	1	0	0	0	0	6	37	0	1	0	0	0	38
22	RAJASTHAN	51	22	14	13	0	0	100	10939	121	35	11	0	0	11106
23	TAMIL NADU	61	8	3	3	0	0	75	242	2	1	0	0	0	245
24	TELANGANA	180	5	5	11	2	2	205	2816	0	1	0	0	0	2817
25	TRIPURA	2	0	0	0	0	0	2	12	0	0	0	0	0	12
26	UTTARAKHAND	23	4	1	1	0	0	29	7	0	0	0	0	0	7
27	UTTAR PRADESH	417	145	19	3	0	0	584	2201	13	2	0	0	0	2216
28	WEST BENGAL	1107	147	194	15	0	0	1463	19976	479	226	39	0	1	20721
Total :		39089	1142	604	247	24	7	41113	107318	1078	568	118	8	3	109093

Appendix-I

Table A-1: Districts with more than 1 Lakh MI Schemes

State	District	Number of Schemes
TELENGANA	Karimnagar	256356
MAHARASHTRA	Solapur	254693
TELENGANA	Nalgonda	253383
MAHARASHTRA	Nashik	227583
TELENGANA	Warangal	223901
MAHARASHTRA	Ahmadager	214938
TELENGANA	Mahbubnagar	205041
MAHARASHTRA	Pune	201377
TAMIL NADU	TIRUVANNAMALAI	188103
TELENGANA	Medak	184510
TAMIL NADU	VILLUPPURAM	180743
ANDHRA PRADESH	Chittoor	178287
TELENGANA	Nizamabad	172626
GUJARAT	RAJKOT	171218
UTTAR PRADESH	SITAPUR	161098
MAHARASHTRA	Jalgaon	158865
UTTAR PRADESH	KHERI	151920
KARNATAKA	Tumkur	146905
KARNATAKA	Belgaum	146367
MAHARASHTRA	Sangli	145634
MAHARASHTRA	Aurangabad	138794
UTTAR PRADESH	HARDOI	135749
ANDHRA PRADESH	Anantapur	133586
TAMIL NADU	VELLORE	124665
TAMIL NADU	SALEM	124170
MAHARASHTRA	Amravati	123247
GUJARAT	JUNAGADH	119286
MAHARASHTRA	Nagpur	115015
UTTAR PRADESH	GONDA	112871
MADHYA PRADESH	Mandsaur	112310
TAMIL NADU	DINDIGUL	111977
RAJASTHAN	JAIPUR	108036
UTTAR PRADESH	BARABANKI	107373
TAMIL NADU	TIRUPPUR	107273
TAMIL NADU	NAMAKKAL	106123
MAHARASHTRA	Osmanabad	105940
MAHARASHTRA	Satara	104008
RAJASTHAN	BHILWARA	103339
GUJARAT	BANASKANTHA	102388
PUNJAB	LUDHIANA	101805

Table A-2: Districts with more than 1 Lakh MI Schemes in USE

State	District	Number of Schemes
MAHARASHTRA	Solapur	252857
TELENGANA	Karimnagar	242328
TELENGANA	Nalgonda	227014
MAHARASHTRA	Nashik	226820
TELENGANA	Warangal	215376
MAHARASHTRA	Ahmadager	214234
MAHARASHTRA	Pune	201003
TAMIL NADU	TIRUVANNAMALAI	180562
TAMIL NADU	VILLUPPURAM	177245
TELENGANA	Nizamabad	171179
GUJARAT	RAJKOT	170974
TELENGANA	Medak	167891
TELENGANA	Mahbubnagar	161801
UTTAR PRADESH	SITAPUR	160953
MAHARASHTRA	Jalgaon	158775
UTTAR PRADESH	KHERI	151792
KARNATAKA	Belgaum	145021
MAHARASHTRA	Sangli	144496
KARNATAKA	Tumkur	142599
MAHARASHTRA	Aurangabad	138745
UTTAR PRADESH	HARDOI	135731
MAHARASHTRA	Amravati	122147
GUJARAT	JUNAGADH	119243
MAHARASHTRA	Nagpur	114965
MADHYA PRADESH	Mandsaur	112223
TAMIL NADU	SALEM	111426
ANDHRA PRADESH	Chittoor	110952
TAMIL NADU	VELLORE	109108
UTTAR PRADESH	BARABANKI	107014
UTTAR PRADESH	GONDA	105925
MAHARASHTRA	Osmanabad	105832
RAJASTHAN	JAIPUR	104411
MAHARASHTRA	Satara	103574
GUJARAT	BANASKANTHA	102385
PUNJAB	LUDHIANA	101796
TAMIL NADU	TIRUPPUR	100503
ANDHRA PRADESH	Anantapur	100278

Table A-3: Districts with more than 10 thousands Surface Water MI Schemes

State	District	Number of Schemes
MAHARASHTRA	Solapur	47287
MAHARASHTRA	Kolhapur	26117
MAHARASHTRA	Nagpur	20175
MAHARASHTRA	Nanded	19804
KARNATAKA	Belgaum	19505
MAHARASHTRA	Pune	18564
KARNATAKA	Bagalkot	16193
WEST BENGAL	PURULIA	14774
MADHYA PRADESH	khandwa	14291
TELENGANA	Nalgonda	12056
MAHARASHTRA	Yavatmal	11625
KARNATAKA	Raichur	11530
MAHARASHTRA	Nashik	10932
WEST BENGAL	BANKURA	10896
WEST BENGAL	BIRBHUM	10770
KARNATAKA	Shimoga	10534
MAHARASHTRA	Sangli	10380
ANDHRA PRADESH	Vizianagaram	10358

Table A-4: Districts with more than 10 thousands Surface Water MI Schemes (In use)

State	District	Number of Schemes
MAHARASHTRA	Solapur	47086
MAHARASHTRA	Kolhapur	26019
MAHARASHTRA	Nagpur	20157
MAHARASHTRA	Nanded	19799
KARNATAKA	Belgaum	19432
MAHARASHTRA	Pune	18534
KARNATAKA	Bagalkot	16184
WEST BENGAL	PURULIA	14500
MADHYA PRADESH	khandwa	14261
MAHARASHTRA	Yavatmal	11621
KARNATAKA	Raichur	11435
MAHARASHTRA	Nashik	10913
WEST BENGAL	BANKURA	10854
KARNATAKA	Shimoga	10507
MAHARASHTRA	Sangli	10342
WEST BENGAL	BIRBHUM	10180
ANDHRA PRADESH	Vizianagaram	10089

Table A-5: Districts with more than one Lakhs Ground water **In use** MI Schemes

State	District	Number of Schemes
TELENGANA	Karimnagar	237786
TELENGANA	Nalgonda	220154
MAHARASHTRA	Nashik	215907
TELENGANA	Warangal	209719
MAHARASHTRA	Ahmadager	208649
MAHARASHTRA	Solapur	205771
MAHARASHTRA	Pune	182469
TAMIL NADU	TIRUVANNAMALAI	179828
TAMIL NADU	VILLUPPURAM	176065
TELENGANA	Nizamabad	167248
TELENGANA	Medak	165289
GUJARAT	RAJKOT	164336
UTTAR PRADESH	SITAPUR	160941
MAHARASHTRA	Jalgaon	157181
TELENGANA	Mahbubnagar	156720
UTTAR PRADESH	KHERI	151653
KARNATAKA	Tumkur	139877
UTTAR PRADESH	HARDOI	135683
MAHARASHTRA	Sangli	134154
MAHARASHTRA	Aurangabad	129637
KARNATAKA	Belgaum	125589
MAHARASHTRA	Amravati	119959
GUJARAT	JUNAGADH	118215
TAMIL NADU	SALEM	111199
MADHYA PRADESH	Mandsaur	110901
TAMIL NADU	VELLORE	108844
ANDHRA PRADESH	Chittoor	108388
UTTAR PRADESH	BARABANKI	106717
UTTAR PRADESH	GONDA	105868
RAJASTHAN	JAIPUR	104257
PUNJAB	LUDHIANA	101796
GUJARAT	BANASKANTHA	101379
TAMIL NADU	TIRUPPUR	100496

Table A-6: Districts with more than 5 lakhs IPC in MI Schemes

State	District	IPC (Ha)
UTTAR PRADESH	BARABANKI	1221881
PUNJAB	FARIDKOT	1025316
GUJARAT	BANASKANTHA	891629
UTTAR PRADESH	HARDOI	880311
UTTAR PRADESH	GONDA	824520
UTTAR PRADESH	SITAPUR	782410
UTTAR PRADESH	KHERI	772597
PUNJAB	SANGRUR	626406
UTTAR PRADESH	BIJNOR	597508
MAHARASHTRA	Ahmadager	586357
PUNJAB	LUDHIANA	573195
GUJARAT	RAJKOT	563452
RAJASTHAN	JODHPUR	563243
UTTAR PRADESH	RAEBARELI	543866
MAHARASHTRA	Solapur	537788
UTTAR PRADESH	PILIBHIT	526643
MAHARASHTRA	Pune	520214
UTTAR PRADESH	BAHARAICH	510741
UTTAR PRADESH	PRATAPGARH	504530
PUNJAB	Bathinda	503714
TELENGANA	Nalgonda	500571

Table A-7: Districts with more than 4 lakhs IPU in MI Schemes

State	District	IPU (Ha)
UTTAR PRADESH	BARABANKI	1045765
UTTAR PRADESH	HARDOI	655074
GUJARAT	BANASKANTHA	638286
UTTAR PRADESH	SITAPUR	619456
PUNJAB	LUDHIANA	571112
UTTAR PRADESH	KHERI	561537
MAHARASHTRA	Ahmadager	545863
RAJASTHAN	JODHPUR	530674
UTTAR PRADESH	GONDA	526993
PUNJAB	FARIDKOT	526862
PUNJAB	SANGRUR	518928
MAHARASHTRA	Solapur	500705
MAHARASHTRA	Pune	477863
RAJASTHAN	ALWAR	469096
PUNJAB	PATIALA	460239
UTTAR PRADESH	BIJNOR	452451
MAHARASHTRA	Aurangabad	436790
MAHARASHTRA	Nashik	431107
PUNJAB	Jalandhar	403325

Table A-8: Districts with more than 3 lakhs IPU in Ground Water In use MI Schemes

State	District	IPU (Ha)
UTTAR PRADESH	BARABANKI	1044552
UTTAR PRADESH	HARDOI	654374
GUJARAT	BANASKANTHA	633944
UTTAR PRADESH	SITAPUR	618568
PUNJAB	LUDHIANA	571112
UTTAR PRADESH	KHERI	560601
RAJASTHAN	JODHPUR	529350
PUNJAB	FARIDKOT	526862
MAHARASHTRA	Ahmadager	525283
PUNJAB	SANGRUR	518919
UTTAR PRADESH	GONDA	516571
RAJASTHAN	ALWAR	468925
PUNJAB	PATIALA	449769
UTTAR PRADESH	BIJNOR	449190
MAHARASHTRA	Pune	421392
MAHARASHTRA	Nashik	410200
PUNJAB	Jalandhar	403325
MAHARASHTRA	Solapur	394152
UTTAR PRADESH	KANPUR DEHAT	388751
PUNJAB	AMRITSAR	379883
RAJASTHAN	JAIPUR	377319
PUNJAB	GURDASPUR	373833
UTTAR PRADESH	BAHARAICH	365399
UTTAR PRADESH	AZAMGARH	348106
GUJARAT	RAJKOT	345392
PUNJAB	Bathinda	344413
RAJASTHAN	BHARATPUR	343992
UTTAR PRADESH	PRATAPGARH	341114
UTTAR PRADESH	KANPUR NAGAR	336930
RAJASTHAN	BIKANER	335284
UTTAR PRADESH	RAEBARELI	334506
UTTAR PRADESH	AMBEDAKAR NAGAR	331557
PUNJAB	Hoshiarpur	325943
UTTAR PRADESH	PILIBHIT	323729
PUNJAB	TARN TARAN	323711
UTTAR PRADESH	BUDAUN	322627
UTTAR PRADESH	JAUNPUR	321587
RAJASTHAN	NAGAUR	318184
TELENGANA	Karimnagar	312553
UTTAR PRADESH	SHAHJAHANPUR	311763
UTTAR PRADESH	BULAND SAHAR	311547
UTTAR PRADESH	BASTI	311149
MADHYA PRADESH	Ujjain	308269

Table A-9 : Districts with more than 50 thousands IPU in Surface Water In use MI Schemes

State	District	IPU (Ha)
MADHYA PRADESH	JABALPUR	212843
TAMIL NADU	NAMAKKAL	162453
MAHARASHTRA	Aurangabad	157647
ODISHA	Ganjam	115406
MAHARASHTRA	Solapur	103541
ANDHRA PRADESH	Srikakulam	102263
ANDHRA PRADESH	Vizianagaram	94578
MAHARASHTRA	Kolhapur	94454
ANDHRA PRADESH	Sri Potti Sriramul	85467
TELENGANA	Warangal	84161
WEST BENGAL	PASHCHIM MIDNAPORE	79934
ANDHRA PRADESH	Visakhapatnam	79784
MAHARASHTRA	Gondiya	76666
UTTARAKHAND	Udham Singh Nagar	75897
MADHYA PRADESH	SAGAR	72850
KARNATAKA	Raichur	71786
TELENGANA	Nizamabad	71162
MADHYA PRADESH	DHAR	69465
UTTARAKHAND	Nanital	69290
TELENGANA	Khammam	68849
MAHARASHTRA	Nagpur	68507
MAHARASHTRA	Sangli	65934
KARNATAKA	Belgaum	64823
KARNATAKA	Bellary	62292
TELENGANA	Karimnagar	60828
MAHARASHTRA	Chandrapur	59918
MAHARASHTRA	Nandurbar	56908
MAHARASHTRA	Dhule	56887
TAMIL NADU	RAMANATHAPURAM	56693
MAHARASHTRA	Pune	55736
MADHYA PRADESH	Ashoknagar	53582
WEST BENGAL	BANKURA	52659
MADHYA PRADESH	Sehore	52659
MAHARASHTRA	Bhandara	52365
TAMIL NADU	KANCHEEPURAM	52236
TELENGANA	Nalgonda	51777
MADHYA PRADESH	vidisha	51379
ANDHRA PRADESH	Krishna	51296

Comments from States/UTs regarding reasons for reduction/increase of Schemes.

Name of State	Ground	Reasons
Punjab	Less number of Tube well from previous census	Urbanization of rural area. As a result of this, the area under crop in many districts reduced significantly. Due to lower level of water table, number of tube wells became defunct.
Punjab	IPU is less than IPC in some Districts	In some districts, irrigation is done with canals along with tube-wells and irrigation with canals made less utilization of Irrigation potential of tubewells.
Odisha	Reduction of Schemes from previous Census	The reasons for reduction of schemes may be attributed to exclusion of unused MI Schemes up to 2006-07, land acquisition for industrial/ mining purpose, growing habitat in urban peripheries, depleting water table, irregular rainfall, damage of canals, and siltation of water bodies etc.
Goa	Reasons for reduction of CCA/IPC and IPU	The reduction of CCA/IPC/IPU may be attributed to the small size of land holdings of 100 to 200 sq. mts. in the command areas of the projects. The non-availability/ shortage of local labour and increase in labour wages which has resulted in high cost of inputs, thus making agriculture non-remunerative / unprofitable. Aversion on the part of the younger generation to take up agriculture as an occupation due to high literacy rate and favouring white collar jobs. There is a huge influx of tourists in the State of Goa as it is on the international map as a favoured tourist destination and therefore people are more inclined towards the tourism industry which is more lucrative than agriculture'.
Jammu & Kashmir	Large increase of Ground Water Schemes and reduction of Surface water Schemes	Large increase in Ground water Minor irrigation Schemes is attributed to extinction/ drying up of small surface water resources in Jammu region as a result of which farmers shifted to alternative source i.e. Ground Water minor irrigation Schemes. Surface water Minor irrigation schemes are mainly present in Kashmir division and some hilly terrains of Jammu division and their reduction is attributed to their drying-up/ silting with the passage of time and consequent shift from Agriculture to Horticulture by cultivators particularly in (Kashmir division).

Jammu & Kashmir	Reduction in CCA/IPC and IPU in Surface Water Schemes	The reduction of CCA/IPC/IPU in surface water Minor irrigation schemes is consequent upon decrease in number of Surface water schemes. The data pertaining to number of water Bodies for irrigation/ Non-irrigation purposes as confirmed from various districts seems reasonable.
Kerala	Decrease in number of Schemes	1) Decline in the area of agriculture land due to various reasons such as conversion to commercial area and residential plots. 2) Shrinking of water sources especially Ground water sources. 3) Escalating cost of cultivation, crop loss and scarcity of water compelled farmers to change the cultivation pattern adopting different crops that need less irrigation such as rubber, plantation crops and other perennial crops. 4) Socio-Economic conditions and poor returns from farming compelled cultivators to withdraw from cultivation and to concentrate on other means for livelihood. 5) In some region especially in High Ranges, certain legislations such as Kasthuri Rangan Commission Report attracted the protest of farmers against Government ventures and they did not cooperate with the census exercise. 6) In the 5th MI Census the Ground water schemes (Dug Wells & Tube Wells) used exclusively for irrigation were included. But in the 4th Census Dug wells and Tube wells used for drinking purpose and partly for irrigation were included in the enumeration. That is a main reason for the huge decrease in the Ground Water schemes.
Puducherry	Reduction of Schemes	1. The Ground Water regime of Puducherry is facing lots of Problems which includes drastic depletion in ground water levels in all villages of Puducherry, intrusion of sea water in the ground water aquifers along the Costal Tract, De-saturation of shallow alluvial aquifer zone and Deterioration of quality of ground water in some places which are posing grave concern for the water resources management of Puducherry. 2. The Urbanization of the adjacent Rural areas around puducherry, conversion of Agricultural Lands into Residential Layouts, monsoon failure and non availability of labourers in the field of Agriculture are all the major reasons for reduction in minor irrigation schemes in comparison with 4th Minor Irrigation Census Schemes.
Meghalaya	Increase in Schemes	Some of the schemes could have been missed during enumeration of 4th MI Census.

Meghalaya	CCA	CCA of private own/ group of farmers own scheme is being calculated using naked eye. Hence the actual area could never be correctly ascertained' as it was experienced that there could be a significant difference in size over the same area even when done by technically qualified personnel on the basis of approximation.
Uttar Pradesh	Reduction of number of Schemes	In number of districts belonging to Western region, due to fall in ground water level most of shallow tube wells became dysfunctional and has been removed by the cultivator as a result the surveyors could not locate it. Apart from this shallow bore-well generally has life span of 10 years so there is a possibility that many shallow tube wells which were functional at the time of 4th census became dysfunctional at the time of 5th Census. Some of the Districts (Etawa, Farukkhabad, Kannauj, Auraiya, Bareily, Badaun, Kaushambi, Ghazipur, and Amethi) have reported that duplicate data in previous census is found. This may probably be due to the fact that in fourth Census the data entry was carried out offline and these errors could not be detected.
Uttar Pradesh	Less utilization of IPU wrt IPC	Agriculture year 2013-14 was a good rainfall year and it may be a reason for less utilization. Another reason for less utilization may be fragmentation of agriculture land holdings.
Tamilnadu	Reduction of IPC and IPU for Surface water schemes	The main reason for reduction of IPC & IPU of Surface water schemes in State during 5th MI Census is due to severe drought condition caused by large rainfall deficit during 2012-13. Though the onset of south-west monsoon and north-east monsoon during 2013-14 was in time, the spatial spread of the south-west monsoon indicates deficit in 6 districts viz, Dharmapuri, Tirichirappalli, Karur, Madurai, Dindigul and Ramanathapuram and scanty in 2 districts viz., Tiruppur and Thoothukudi districts. However, the rainfall received during the north-east monsoon was deficit during the entire season. It was (-) 29.6 percent in October 2013 and (-) 33.7 percent in November, 2013. During this monsoon period as against the normal level of 440.4 mm, the actual rainfall received in the State was 294.3 mm (-33.2%). The spatial spread also was uneven. The uneven distribution of rainfall over time & space during the north-east monsoon had some adverse impact on the standing crops and crops grown mainly under rain fed conditions. This has resulted in less IPC & IPU for surface water schemes.

Tamilnadu	Increase of Kutcha dugwells from 4th MI	The number of Kutcha dugwells during 5th MI Census is high because most of the pucca dugwells in the State were unutilized or abandoned due to severe drought conditions during 2012-13. The water recharge in these dugwells was meager which resulted in deterioration of pucca dugwells into kutcha dugwells and the same is reflected in 5th MI Census. In some parts of the State, temporary kutcha dugwells are also built due to scarcity of water in surface water schemes.
Rajasthan	Decrease of Dug-well	Due to fall in water level, there is shift from dugwell to tubewell. Tube-well have been constructed on the site of Dug-well.As a result; Dug-well have been decreased. Due to urbanization, the use of Dug-well have been decreased for Agriculture
Haryana	Reduction of tube-well	Due to fall in water level and reduction of size of ownership of farmer, installation of tubewell has become costly. So, small farmers are unable to install it.
Tripura	Reduction in surface water schemes	In 5th MI Census, the coverage of command area was increased due to 3 nos. Major/Medium schemes. As a result the existing command area of surface flow schemes has become under this coverage moreover overall total 202 nos. schemes has increased and thus aggregating total CCA of 16954 ha. increase with respect of that of 4th MI Census.
Sikkim	Reasons for reduction on CCA/IPC and IPU from previous Census	Construction of PMGSY road in paddy field. Construction of SSB, IRB Police office and other Govt. and private dwelling. Switching of profession by the farmers & non cultivation of the field by them.
Jharkhand	Less IPC than CCA	In Hydrology there is distinct difference in IPC and CCA. We take CCA as 65 to 70% of GCA in arbitrary manner as used in irrigation by CWC not as per actual. For 100% achievement of CCA we solely dependent on rain water cultivation. Hence there may be less IPC than CCA for Ground water as well as Surface water schemes.
Chhattisgarh	Reasons for reduction of Dugwell	Due to less rain shifting of farmers from Dug well to Tube-well as well as reduction of Agricultural land due to urbanization and industrlisation..

Appendix-III

CONCEPTS AND DEFINITIONS:

Cultivable Command Area (CCA):

The area which can be irrigated from a scheme and is fit for cultivation.

Cultivable area:

It consists of net area sown, current fallow, fallow lands, other lands, current fallow, culturable waste and land under miscellaneous tree crops.

Gross Irrigated Area:

The area irrigated under various crops during a year, counting the area irrigated under more than one crop during the same year as many times as the number of crops grown and irrigated.

Net Irrigated area:

It is the area irrigated through any source in a year for a particular crop.

Irrigation Potential Created (IPC):

The total gross area proposed to be irrigated under different crops during a year by a scheme. The area proposed to be irrigated under more than one crop during the same year is counted as many times as the number of crops grown and irrigated. If original Irrigation Potential of the scheme is not known then the maximum area irrigated during the past five year or so may be taken as the IPC.

Irrigation Potential Utilised (IPU):

The gross area actually irrigated during reference year out of the gross proposed area to be irrigated by the scheme during the year.

Minor Irrigation (M.I.) Scheme:

A scheme having CCA up to 2,000 hectares individually is classified as minor irrigation scheme.

Medium Irrigation Scheme:

A scheme having CCA more than 2,000 hectares and up to 10,000 hectares individually is a medium irrigation scheme.

Major Irrigation Scheme:

A scheme having CCA more than 10,000 hectares is major irrigation scheme.

Sprinkler Irrigation System:

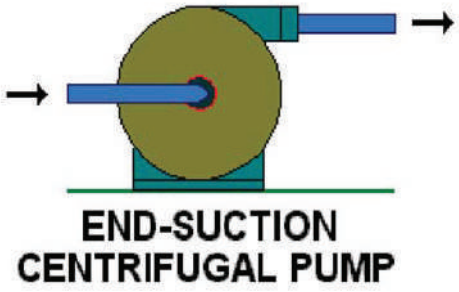
Sprinkler Irrigation is a method of applying irrigation water which is similar to rainfall. Water is distributed through a system of pipes usually by pumping. It is then sprayed into the air of entire soil surface through spray heads so that it breaks up into small water drops which fall to the ground.

Drip irrigation system:

Drip irrigation system delivers water to the crop using a network of mainlines, sub-mains and lateral lines with emission points spaced along their lengths. Each dripper/emitter, orifice supplies a measured, precisely controlled uniform application of water, nutrients, and other required growth substances directly into the root zone of the plant.

Non- Submersible or Centrifugal Pump:

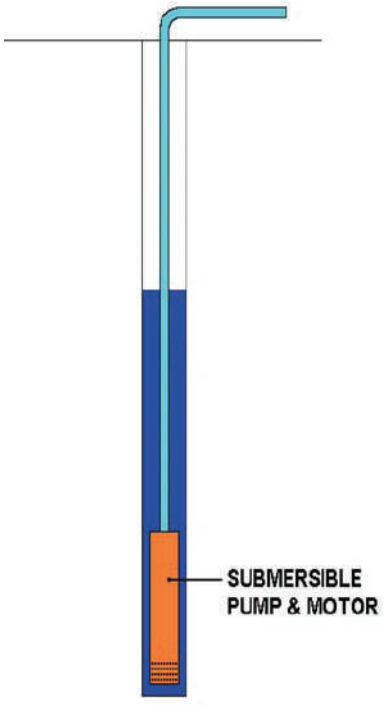
The most common type of pump. Typically the pump is "close-coupled" to an electric motor, that is, the pump is mounted right on the end of the motor's drive shaft and the pump case is bolted straight into the motor so that it looks like a single unit. The water typically enters the pump through a "suction inlet" centered on one side of the pump, and exits at the top.



Almost all portable pumps are end-suction centrifugals. If the pump isn't one of the next two types, then chances are it is an end-suction centrifugal. This type of pump needs to be installed on a pad above the high water level if pumping from a lake or river.

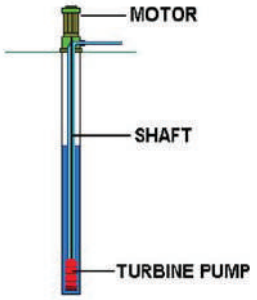
Submersible Pump:

Submersible pumps are installed completely underwater, including the motor. The pump consists of an electric motor and pump combined in a single unit. Typically the pump will be shaped like a long cylinder so that it can fit down inside of a well casing. Although most submersibles are designed to be installed in a well, many can also be laid on their side on the bottom of a lake or stream. Another common installation method for lakes and rivers is to mount the submersible pump underwater to the side of a pier pile (post). Submersibles don't need to be primed since they are already under water. They also tend to be more efficient because they only push the water, they don't need to suck water into them. Most submersible pumps must be installed in a



special sleeve if they are not installed in a well, and sometimes they need a sleeve even when installed in a well. The sleeve forces water coming into the pump to flow over the surface of the pump motor to keep the motor cool. Without the sleeve the pump will burn up. Because the power cord runs down to the pump through the water it is very important that it be protected from accidental damage

Turbines and Jet Pumps :



A turbine pump is basically a centrifugal pump mounted underwater and attached by a shaft to a motor mounted above the water. The shaft usually extends down the center of a large pipe. The water is pumped up this pipe and exits directly under the motor. Turbine pumps are very efficient and are used primarily for larger pump applications. They are typically the type of pumps used on municipal water system wells. When you see a huge motor mounted on its end over a well, that is most likely a turbine pump. I use turbine pumps for large parks and golf courses where we are pumping from lakes. The turbine pump is mounted in a large concrete vault with a pipe connecting it to the lake. The water flows by gravity into the vault where it enters the pump. The pump motors are suspended over the vault on a frame. A jet pump is similar to a turbine pump but it works by redirecting water back down to the intake to help lift the water.

Water body:

All natural or artificial units with some or no masonry work used for storing water for irrigation or other purposes are covered under water bodies. These are usually of various types known by different names like tank, reservoirs, ponds and bundhies etc. The distinction among various types of water bodies, however, is not very explicit.

Pond:

A small body of water usually earthen though masonry dykes are also included and shallow made through excavations which represent a restricted environment. Ponds usually describe small bodies of water generally no one would require a boat to cross.

Tanks:

A shallow water unit usually larger than a pond created by constructing earthen or masonry barricades which receives water either from tube wells or rains.

Reservoirs:

A large man made impoundment of varying magnitude created by erecting, bunds, dams barrages or other hydraulic structures across streams or rivers serving one or more purposes such as irrigation, power generation, flood control or other water resource development projects.

1. GROUND WATER SCHEMES

A. **Dug-well:** It covers ordinary open wells of varying dimension dug or sunk from the ground surface into water bearing stratum to extract water for irrigation purposes. These are broadly dug-cum-bore wells now-a-days or masonry wells/ kutcha wells water from which are lifted with the help of animals/ human. Most of such schemes are of private nature belonging to individual cultivator. The parameter of the well ranges between 2 to 6 meters and the depth between 8 and 15 meters. CCA of a well operated with the help of human/ animals generally varies from 1 to 2 hectares and in case of Dug-cum-Bore Well it may be as in case of a Tube Well of similar capacity and depth of bore.

B. **Shallow tube-well:** It consists of a bore hole built into ground with the purpose of tapping ground water from porous zones. In sedimentary formations depth of a shallow tube well does not exceed 35 meters. These tube wells are either cavity tube-wells or strainer tube-wells. These are usually drilled by percussion method using hand boring sets and sometimes percussion rigs. Success and popularity of the scheme depends on how cheap they are. A coir structure formed by binding coir strings over an iron frame is being used as strainer. In shallow water table areas, bamboo frames are also used. Sometimes steel pipe casing are replaced by pipes constructed by rapping bituminised gunny bags over the bamboo frame. These are called bore wells, in which bore-hole is stable without a lining in the bottom portion and a tube is inserted only in the upper zone. The shallow tube wells are generally operated for 6 to 8 hours during irrigation season and give yield of 100-200 cubic meters per day, which is roughly 2 times that of a dug well. Their CCA may go up to 10 hectares.

C. **Medium Tube Well** It consists of a bore hole built into ground with the purpose of tapping ground water from porous zones. In sedimentary

formations depth of a medium tube well will be in the range of 35-70 meters. The medium tube wells are generally operated for 8-10 hours during irrigation season and give yield of 200-300 cubic meters per day, which is roughly 3 times that of a dug well. Their CCA may go from 10-15 hectares.

D. **Deep tube wells:** It usually extends to the depth of 70 meter and more and is designed to give a discharge of 100 to 200 cubic meters per hour. The deep tube wells are drilled by rotary percussion or rotary cum percussion rigs. These tube wells operate round the clock during the irrigation season, depending upon the availability of power. Their annual output is roughly 15 times that of an average shallow tube well and are usually constructed as public scheme which are owned and operated by government departments or corporations. Their CCA may go up to 50 hectares.

2. SURFACE WATER SCHEMES

A. Surface flow irrigation scheme:

These schemes use rainwater for irrigation purposes either by storing it or by diverting it from a stream, nalah or river. Sometimes, permanent diversions are constructed for utilising the flowing water of a stream or river. Temporary diversions are also constructed in many areas which are usually washed away during the rainy season. The small storage tanks are called ponds or bundhis which are mostly community owned. The command areas of such schemes are 20 hectares or less. The large storage tanks whose command varies from 20 to 2000 hectares are generally constructed by government departments or local bodies. These are the biggest items of surface minor irrigation works.

(i) Storage schemes(Tanks and other storages)

Storage schemes include tanks and reservoirs which impound water of streams and rivers for irrigation purposes. After wells, tanks occupy a very important place under the minor irrigation programme. They provide nearly two-third of the total irrigation from minor sources in the states of Andhra Pradesh, Karnataka, Kerala, Maharashtra, Orissa and Tamilnadu. Tracts with undulating topography and rocky sub-strata are eminently suitable for tank irrigation. Besides, there exists scope for further construction of tanks in many areas. A large number of existing tanks in southern States have gone into disuse due to long neglect of repairs. Renovation of these

tanks so as to restore the lost irrigation potential is being accorded priority under the minor irrigation programme.

The essential features of these schemes are

a. a bund or a dam which is generally of earth, but is also sometimes partly or fully masonry,
b. anicut and feeder channels to divert water from adjoining catchments,
c. a waste weir to dispose of surplus flood water,
d. sluice or sluices to let out water for irrigation, and
e. conveyance and distribution system.

The size of the storage is determined by the run-off expected on the basis of dependable monsoon rainfall in the catchment and by the fact whether the rainfall and cropping pattern would permit more than one filling of the tank.

(ii) Diversion schemes :

These schemes aim at providing gravity flow irrigation by mere diversion of stream water supply without creating any storage. As compared to storage schemes they are economical but their feasibility is dependent on the presence of flow in the stream at the time of actual irrigation requirements. Essentially such schemes consist of

a. an obstruction (weir) or bund constructed across the stream for raising and diverting water; the weir being called anicut in the South, bandhara in Maharashtra and Gujarat, and Bandh in the Assam region, and
b. an artificial channel, known as kul in the hilly areas, pyne in Chhota Nagpur and Bihar and dong in the Assam region.

In case of small schemes which have prominent scope in the hilly tracts and foot hill plains, the water is usually diverted by constructing temporary bunds across the streams, made up of earth, stones or even bamboos. The discharge handled being of small order, the bund on the head of the channel is not provided with any gated structure for controlling and regulating the flow. Construction of work, is, therefore, simple and cheap and can be handled to a large extent by the people

themselves. However, these constructions being temporary, require frequent renovation. The bunds are liable to be washed away by every major flood. The channels also get silted up and scoured frequently. It is essential that whenever such schemes aim at diverting higher discharges, say more than 5 to 10 cusecs, or tackle streams having high intensity of flood discharge, proper regulation structures equipped with suitable types of gates are provided. Weir has to be provided with scouring sluices in order to regulate the flow of silt in the off-taking channels. The construction of masonry weir is comparatively simpler and cheaper where rocky foundation is available beneath the streambed. The design of the weir on permeable and **erodible** foundation is more complicated and requires specialised engineering knowledge.

The irrigation capacity of the diversion schemes is dependent on the actual flow in the stream at the time the irrigation is required. The cold weather and the hot weather flow, therefore, need to be ascertained carefully before deciding the feasibility and economics of these schemes. This is particularly important in the case of non-snow fed flashy streams that spurt to lift suddenly in the rainy season after which the discharge in them dwindles down to appreciable quantity. Some diversion schemes are also constructed as kharif or monsoon channels supplying water only during the monsoon season. Such schemes are useful for providing supplemental irrigation for paddy and preliminary watering for sowing of rabi.

In most of the hilly tracts, small irrigation channels called 'kuls' are the only means of irrigation. These channels carry water diverted from streams by constructing temporary or pucca bunds across the streams. These channels are often constructed in hazardous hilly terrain under very difficult conditions. To avoid seepage of water and for the sake of stability, these channels are lined in most of the reaches.

(iii) Water conservation-cum-ground-water recharging Schemes:

Under this head are included schemes which serve primarily one or more of the following purposes:

a. submerging agricultural land during monsoon for

sowing post-monsoon crops,

b. improving moisture regime of the adjoining fields downstream for raising of post-monsoon crops without irrigation and replenishing the ground water.

An additional advantage of these schemes is that they help to conserve the soil. When constructed in the head water region serving catchment area of tanks down below, they serve the important purpose of retarding the silting rate of these tanks.

The system of water conservation through field embankments is peculiar to central Indian tracts and is commonly in vogue in the northern Madhya Pradesh, Bundhelkhand region of Uttar Pradesh and eastern Rajasthan. In the Bundhelkhand region, these works are popularly known as 'bundhies', which consist of earthen embankments thrown across gently sloping ground. During the rainy season, water is stored upstream and the land gets submerged. If the land slope is gradual, often large areas get submerged even by low embankments. Ordinarily, no direct irrigation is carried out and benefit is mostly due to submergence. In nearly all these areas, the soil is generally black which is retentive of moisture. After remaining submerged under water during the rainy season, the soil retains sufficient moisture to grow good rabi crops. The remaining water is let out and the submerged land released for cultivation. The other advantage of submerging land in this manner is that the first flood brings a lot of silt which acts as rich manure. By preventing free flow of water across steep gradient, the soil of the land is also conserved.

Ahars in Bihar, which store water for irrigation of paddy fields, also function somewhat in a similar manner. Water is let out in October for irrigating the rice fields and the drained out fields in the bed of the ahars are cultivated with rabi crops. The head water tanks popularly in vogue in Orissa have a similar role to perform. These consist of bunds put up across slope at the head of gullies with the objective of impounding and diverting the cumulative run-off into the wider valley area downstream of the bunds by percolation, seepage and surface flow. Surface channels are provided in the flanks to carry floodwater received in excess of the storage capacity of the

bunds during the monsoon season.

Percolation tanks primarily constructed for the purpose of recharging ground water are in vogue in Maharashtra, Tamilnadu, Kerala and Rajasthan. Check-dams or rapats are in vogue in Rajasthan. They consist of bunds constructed across the streams for the purpose of retarding the surface flow and also the sub-surface flow to some extent by making the bed slope of the stream flattened. This results in increased percolation of water in the sub-soil with consequent increase of the ground water supply.

B. Surface Lift Irrigation Scheme:

In regions where the topography does not permit direct flow irrigation from rivers and streams, water has to be lifted into the irrigation channels. These works are similar to diversion schemes, but in addition pumps are installed and pump houses constructed. These schemes, being costly in operation, are feasible only in areas where

a. gravity flow irrigation is not possible
b. there is keen demand for irrigation and cultivators are enthusiastic,
c. water is available in the streams for at least about 200 days in a year, and
d. cheap electric power is available.

Installation of diesel operated pump sets for lifting water makes the operation and maintenance cost of these schemes exorbitantly high. However, for lifting small order of discharge by individual cultivators, portable diesel engine pump sets are feasible as they provide greater flexibility and mobility for installation at different points of the water source or sources. In some areas Solar Pumps are also used for lifting water. The CCA of such schemes may go up to 20 hectares.

FIFTH CENSUS OF MINOR IRRIGATION SCHEMES
REFERENCE YEAR 2013-14

VILLAGE SCHEDULE

I. IDENTIFICATION: (STANDARD CODES AS UPDATED BY STATES)

State: _____ **Code :** [ ][ ] **District:** _____ **Code :** [ ][ ]

Block/Tehsil: _____ **Code:** [ ][ ][ ] **Village:** _____ **Code :** [ ][ ][ ][ ]

Date of Enumeration: [ ][ ] - [ ][ ] - [ ][ ]

II. SPECIFIC INFORMATION:

1. Is Village Tribal/ Non-Tribal ? **Code :** [ ]
Tribal – 1 , Non-Tribal -2

2. (a) Is the Village covered by Major/ Medium Scheme **Code :** [ ]
Yes -1, No - 2

(b) If yes, Name(s) of Major/ Medium Scheme _____

(Note : The information in item 3 to 7 of this schedule shall be based on village records)

3. Geographical Area	[ ][ ][ ][ ][ ][ ][ ]	**Ha.**
4. Cultivable Area	[ ][ ][ ][ ][ ][ ][ ]	**Ha.**
5. Net Area Sown	[ ][ ][ ][ ][ ][ ][ ]	**Ha.**
6. Gross Area Irrigated (season wise) (by all sources)		
(i) During Kharif Season	[ ][ ][ ][ ].[ ][ ]	**Ha.**
(ii) During Rabi Season	[ ][ ][ ][ ].[ ][ ]	**Ha.**
(iii) For Perennial crops	[ ][ ][ ][ ].[ ][ ]	**Ha.**
(iv) During Other Season	[ ][ ][ ][ ].[ ][ ]	**Ha.**
(v) Total Gross Area Irrigated (i)+(ii)+(iii)+(iv)	[ ][ ][ ][ ].[ ][ ]	**Ha.**
7. Net Area Irrigated (by all sources)	[ ][ ][ ][ ].[ ][ ]	**Ha.**
8. Average Ground Water level (in Meters) (pre-monsoon)	[ ][ ][ ].[ ][ ]	

9. Number of waterbodies (both natural and constructed)

(a) for irrigation and in use	**(i)**	**Reservoirs/ Minor Dam**	[ ][ ]
	(ii)	**Ponds/ Tanks**	[ ][ ]
	(iii)	**Other Storages/ Check-dams**	[ ][ ]
(b) for irrigation but Defunct	**(i)**	**Total Number**	[ ][ ]
	(ii)	**Number which can be revived**	[ ][ ]
(C) for non-irrigation	**(i)**	**Number**	[ ][ ]
	(ii)	**Area of such water bodies** [ ][ ][ ][ ].[ ][ ]	**Ha.**

10. Whether Water Users association (WUA) exists in the village Code : [ ]
Yes -1, No -2

Summary of M I Schemes in the village as per all scheme schedules filled

NO. OF M I SCHEMES

Ground Water Schemes	[ ][ ][ ][ ][ ]
Surface Water Schemes	[ ][ ][ ][ ][ ]
Total Schemes	[ ][ ][ ][ ][ ]

Checked by:
Name
Designation of Supervisory officer:
Mobile No.:

Signature of Enumerator:
Name
Designation of Enumerator :
Mobile No.

Remarks:

FIFTH CENSUS OF MINOR IRRIGATION SCHEMES
REFERENCE YEAR 2013-14

SCHEDULE 1 : GROUND WATER SCHEMES

I. IDENTIFICATION: (STANDARD CODES AS UPDATED BY STATES)

State: _____ **Code :** [ ][ ] **District:** _____ **Code:** [ ][ ]

Block/Tehsil:_____ **Code:** [ ][ ][ ] **Village:** _____**Code:** [ ][ ][ ][ ]

Date of Enumeration: [ ][ ] - [ ][ ] - [ ][ ]

II. SPECIFIC INFORMATION:

1. Serial Number of scheme : [ ][ ][ ][ ]

2. Type of Scheme **Code:** [ ]

Dug Well – 1, Shallow Tube well - 2, Medium Tube Well-3 Deep Tube well - 4

3. Owner of the Scheme (Name in case of individual farmer)

Name _____ **Code:** [ ]

Govt. owned - 1, Co-operative owned - 2, Panchayat owned - 3, Owned by Group of farmers - 4,
Owned by individual farmer - 5, Others – 9

4. (a) Khasra number /Plot No./Survey No. in which the scheme is located _____

(b) Location particulars _____

5(a). Total Ownership Holding of owner (in case of individual owner only) [ ][ ][ ] - [ ][ ][ ] **Ha.**

(b) Social Status of Owner (in case of individual owner only) **Code:** [ ]

Scheduled caste -1 , Scheduled tribe – 2 , OBC- 3, Others -9

6. Year of Commissioning of the Scheme **Code :** [ ]

On or before 2006-2007 - 1, during 2007-08 - 2, during 2008 -09 - 3, during 2009-10 - 4
during 2010-11 - 5 , during 2011-12 -6 , during 2012-13 - 7 during 2013-14 - 8

7. Nature of scheme in case of Dug Well **Code :** [ ]

: Dug-cum-bore well -1, Pucca -2, Kutcha - 3, Others -9

(to be classified pucca, or kutcha/ others only if it is not a dug-cum-bore well)

8. Details of the scheme

(a) Depth of the well/Tube well (in metres) [ ][ ][ ].[ ][ ]

(b) Diameter **(unit in meters for dug well and mm for tube well)** [ ][ ].[ ][ ]

(c) Depth of Bore (in meters) **(in case of Dug-cum-borewell)** [ ][ ][ ].[ ][ ]

(d) Distance of nearest well/Tube-well (in metres) [ ][ ][ ][ ].[ ][ ]

9. (a) Cost of construction of the scheme **(Rs.)** [ ][ ][ ][ ][ ][ ][ ]

(b) Cost of machinery **(Rs.)** [ ][ ][ ][ ][ ][ ][ ]

(c) Cost of maintenance during (2013-14) **(Rs.)** [ ][ ][ ][ ][ ][ ][ ]

10. Major sources of finance (upto top 2) **Code :** [ ]

(a) Bank loan - 1, Government fund - 2, Own savings - 3, Money lender - 4, Others - 9 [ ]

(b) Whether any subsidy/assistance provided by Govt. / PSU

on (i) Construction of Scheme/ drilling **(Rs.)** [ ][ ][ ][ ][ ][ ][ ]

(ii) Cost of machinery/ distribution device **(Rs.)** [ ][ ][ ][ ][ ][ ][ ]

11. Current Status of the Scheme **Code:** ☐

(a) In use - 1, Temporarily Not in Use - 2, Permanently Not in use - 3

(b) If not in use since when Specify the no. of years ☐

12 . Reason code for Temporarily "not in use" Scheme (code - 2 in item 11(a)) **Code:** ☐

Non availability of adequate power/fuel – 1 , Mechanical break down – 2 ,
Less discharge in the well - 3, Non-availability of finance - 4,
Lack of maintinence - 5, Any other reason - 9

13 . Reason code for Permanently "not in use" Scheme (code - 3 in item 11(a)) **Code:** ☐

Due to salinity - 1, Dried up - 2 , Destroyed beyond repair - 3
Due to sea water intrusion - 4, Due to industrial effluents - 5, Availability of
Major / Medium Irrigation Project - 6, Due to other reasons - 9

14. Water distribution / application method used **Code :** ☐

Open Water Channel (lined / pucca) – 1, Open Water Channel(unlined / kucha) - 2
Under ground pipe – 3, Surface pipe - 4, Drip - 5 , Sprinkler - 6 , Other - 9

15. (a) No. of Lifting devices ☐

(b) Types of device (up to two) **Code :** ☐

Submersible pump - 1 , Centrifugal Pump - 2, Turbine - 3, Manual/animal - 4, Other - 9 **Code :** ☐

16. Source of energy for Lifting devices (up to two) **Code :** ☐☐

Electric - 1, Diesel - 2, Wind Mills - 3, Solar - 4, Manual/animal - 5, Others - 9

17. Horse Power of all Lifting devices ☐☐.☐ **HP**

(ignore if lifting device is manual/animal driven)

18. Number of days operating pump (ignore, if lifting device is manual/animal driven)

During Kharif season ☐☐☐ **Days**
During Rabi season ☐☐☐ **Days**
Perennial ☐☐☐ **Days**
Other season ☐☐☐ **Days**

19. Average hours of pumping per day (ignore, if lifting device is manual/animal driven)

During Kharif season ☐☐ **Hrs**
During Rabi season ☐☐ **Hrs**
Perennial ☐☐ **Hrs**
Other season ☐☐ **Hrs**

20. Culturable Command Area ☐☐☐☐.☐☐ **Ha.**

21. Whether the scheme is located in the command of Major & Medium Schemes like Canals etc. **Code :** ☐

No --- 1 (Keep item 34 to item 38 blank)
Yes --- 2 (Keep item 27 to item 31 blank)
Yes(for augumentation only) --- 3 (Keep item 22 to item 38 blank)

SEASON WISE IRRIGATION POTENTIAL CREATED (IPC)

22. Kharif | | | | | . | | | **Ha.**

23. Rabi | | | | | . | | | **Ha.**

24. Perennial | | | | | . | | | **Ha.**

25. Other | | | | | . | | | **Ha.**

26 Total | | | | | . | | | **Ha.**

SEASON WISE ACTUAL AREA IRRIGATED DURING 2013-14 (IPU)

27. Kharif | | | | | . | | | **Ha.**

28. Rabi | | | | | . | | | **Ha.**

29. Perennial | | | | | . | | | **Ha.**

30. Other | | | | | . | | | **Ha.**

31. Total | | | | | . | | | **Ha.**

32. Whether the scheme is functioning well since its commissioning ? **Code :** [ ]

(Yes=1 / No=2)

33. If No, Maximum Potential utilised from the Scheme in any year | | | | | . | | | **Ha.**

SEASON WISE AREA IRRIGATED BY THE MINOR IRRIGATION SCHEMES (DURING 2013-14) AS SUPPLEMENTARY SOURCE IN THE COMMAND OF MAJOR & MEDIUM SCHEMES

34. Kharif | | | | | . | | | **Ha.**

35. Rabi | | | | | . | | | **Ha.**

36. Perennial | | | | | . | | | **Ha.**

37. Other | | | | | . | | | **Ha.**

38. Total | | | | | . | | | **Ha.**

39.(i) Whether under utilisation of schemes if Yes =1, No =2 **Code :** [ ]

(ii) if Yes, Reasons for under-utilisation

Non availability of adequate power – 1 , Mechanical break down – 2 , **Code :** [ ]

Less discharge in the well - 3 , Non-availability of finance-4, Lack of Maintenance-5

Any other reason -9

Checked by: Signature of Enumerator:

Name Name

Designation Designation :

Mobile No.: Mobile No.:

Remarks: If there is postive entry in item 38 then reasons may be given here

FIFTH CENSUS OF MINOR IRRIGATION SCHEMES
REFERENCE YEAR 2013-14

SCHEDULE 2 : SURFACE WATER SCHEMES

I. IDENTIFICATION: (STANDARD CODES AS UPDATED BY STATES)

State: _____ **Code :** | | | **District:** _____ **Code:** | | |

Block/ Tehsil: _____ **Code:** | | | | **Village:** _____ **Code:** | | | | |

Date of Enumeration: | | | - | | | - | | |

II. SPECIFIC INFORMATION:

1. Serial Number of scheme : | | | | |

2. Type of Scheme **Code:** |

Surface Flow Scheme – 1, Surface Lift Scheme - 2

3. Owner of the Scheme (Name in case of individual farmer)

Name _____ **Code:** |

Govt. owned - 1, Co-operative owned - 2, Panchayat owned - 3, Owned by Group of farmers - 4,
Owned by individual farmer - 5, Others – 9

4. Khasra number /Plot No./Survey No. in which the scheme is located _____

5(a). Total Holding of owner (in case of individual owner only) | | | | . | | | | **Ha.**

(b) Social Status of Owner (in case of individual owner only) **Code:** |

Scheduled caste -1 , Scheduled tribe – 2 , OBC- 3, Others- 9

6. Year of Commissioning of the Scheme **Code :** |

During or before 2006-07 - 1, during 2007-08 - 2, during 2008-09 - 3, during 2009-10- 4
during 2010-11 - 5 , during 2011-12 - 6 , during 2012-13 - 7 during 2013-14 - 8

7. Nature of scheme **Code :** |

For Surface Flow Scheme : Reservoirs - 1, Tanks/Ponds -2, Other Storages -3, Permanent diversion - 4,

Temporary diversion - 5 ,Water conservation-cum-ground water recharge schemes /percolation tanks/check dams etc - 6

Spring Channel - 7, Other - 9

For Surface lift Scheme : On River - 1, On Stream - 2, On drain/canal - 3 , On Tanks/Ponds/Reservoirs/check-dams - 4, Others -9

8. (a) Cost of construction of the scheme **(Rs.)** | | | | | | | |

(b) Cost of machinery **(Rs.)** | | | | | | | |

(c) Cost of maintenance during (2013-14) **(Rs.)** | | | | | | | |

9. Major sources of finance (up to Top 2) **Code :** |
|

(a) Bank loan - 1, Government fund - 2, Own savings - 3, Money lender - 4, Others - 9

(b) Whether any subsidy/assistance provided by Govt. / PSU

on (i) Construction of Scheme/ digging **(Rs.)** | | | | | | | |

(ii) Cost of machinery/ distribution device **(Rs.)** | | | | | | | |

10. Current Status of the Scheme **Code:** [ ]

(a) In use - 1, Temporarily Not in Use - 2, Permanently Not in use - 3

(b) If not in use since when Specify the no. of years [ ]

11 . Reason code for Temporarily "not in use" Scheme (code - 2 in item 10(a)) **Code:** [ ]

Non availability of adequate power/ fuel – 1 , Mechanical break down – 2 ,
Less discharge of water - 3 , Storage not filled up fully - 4
Siltation of canal/storage - 5, Breakdown of channels - 6, Any other reason - 9

12 . Reason code for Permanently "not in use" Scheme (code - 3 in item 10(a)) **Code:** [ ]

Due to salinity - 1, Dried up - 2 , Destroyed beyond repair - 3,
Due to sinking - 4, Due to other reasons - 9

13. Water distribution / application method **Code :** [ ]

Open Water Channel (lined / pucca) – 1, Open Water Channel(unlined / kucha) - 2
Under ground pipe – 3, Surface pipe - 4, Drip - 5 , Sprinkler - 6 , Others -9

14. (a) No. of Lifting devices [ ][ ]

(b) Types of lifting device (upto two types only) **Code :** [ ]

Submersible pump - 1 , Centrifugal Pump - 2, Turbine - 3, Manual/animal - 4, **Code :** [ ]

Other - 9

15. Source of energy for Lifting devices (up to two) **Code :** [ ]

Electric - 1, Diesel - 2, Wind Mills - 3, Solar - 4, Manual/animal - 5, Others - 9 [ ]

16. Horse Power of Lifting device (ignore, if lifting device is manual/animal driven) [ ][ ].[ ] **HP**

17. Number of days operating pump (ignore, if lifting device is manual/animal driven)

During Kharif season [ ][ ][ ] **Days**

During Rabi season [ ][ ][ ] **Days**

Perennial [ ][ ][ ] **Days**

Other season [ ][ ][ ] **Days**

18. Average hours of pumping per day (ignore, if lifting device is manual/animal driven)

During Kharif season [ ][ ] **Hrs**

During Rabi season [ ][ ] **Hrs**

Perennial [ ][ ] **Hrs**

Other season [ ][ ] **Hrs**

19. Culturable Command Area [ ][ ][ ][ ][ ].[ ][ ] **Ha.**

20. Whether the scheme is located in the command of Major & Medium Schemes like Canals etc. **Code :** [ ]

No --- 1 (Keep item 33 to item 37 blank)

Yes --- 2 (Keep item 26 to item 30 blank)

Yes(for augumentation only) --- 3 (Keep item 21 to item 37 blank)

SEASON WISE IRRIGATION POTENTIAL CREATED (IPC)

21. Kharif | | | | | . | | | **Ha.**

22. Rabi | | | | | . | | | **Ha.**

23. Perennial | | | | | . | | | **Ha.**

24. Other | | | | | . | | | **Ha.**

25. Total | | | | | . | | | **Ha.**

SEASON WISE ACTUAL AREA IRRIGATED DURING 2013-14 (IPU)

26. Kharif | | | | | . | | | **Ha.**

27. Rabi | | | | | . | | | **Ha.**

28. Perennial | | | | | . | | | **Ha.**

29. Other | | | | | . | | | **Ha.**

30. Total | | | | | . | | | **Ha.**

31. Whether the scheme is functioning well since its commissioning ? **Code :** [ ]

Yes = 1, No = 2

32. If No in item 31 , then Maximum Potential utilised from the Scheme in any year

| | | | | . | | | **Ha.**

SEASON WISE AREA IRRIGATED BY THE MINOR IRRIGATION SCHEMES (DURING 2013-14) AS SUPPLEMENTARY SOURCE IN THE COMMAND OF MAJOR & MEDIUM SCHEMES

33. Kharif | | | | | . | | | **Ha.**

34. Rabi | | | | | . | | | **Ha.**

35. Perennial | | | | | . | | | **Ha.**

36. Other | | | | | . | | | **Ha.**

37. Total | | | | | . | | | **Ha.**

38.(i) Whether under utilisation of schemes if Yes =1, No =2 **Code :** [ ]

(ii) if Yes, Reasons for under-utilisation

Non availability of adequate power – 1 , Mechanical break down – 2 , **Code :** [ ]

Less discharge of water - 3 , Storage not filled up fully - 4, Siltation of canal/storage- 5

Breakdown of channels - 6, Any other reason - 9

39. Specific features of Reservoirs,Tank,Other storages

(a) Designed Storage **(in cubic metres)** | | | | | | | |

(b) Filled up Storage **(during 2013-14)** **Code :** [ ]

Full - 1 , upto 3/4 - 2 ,upto 1/2 -3 upto 1/4 - 4 , Nil/Negligible filled up - 5

(c) Status of filling up of storage Space **Code :** [ ]

(based on around 50% filling up of storages during last 5 year)

Filled up every year - 1 , Usually filled up - 2 , Rarely filled up - 3 , Never filled up - 4

(d) Number of Villages covered by the scheme | |

40. Whether the Scheme has benifited Ground Water in the area **Code :** [ ]

Yes - 1 , No - 2 , Can't say - 3

Checked by:
Name
Designation
Mobile No.:

Signature of Enumerator:
Name
Designation
Mobile No.:

Remarks: If there is postive entry in item 37, then reasons may be given here



GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION
MINOR IRRIGATION (STATISTICS WING)
NOVEMBER 2017