



GOVERNMENT OF KARNATAKA
DEPARTMENT OF AGRICULTURE

Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)

DISTRICT IRRIGATION PLAN

YADGIR DISTRICT



Venugopal Swami Temple | Surpur



2016



GOVERNMENT OF KARNATAKA



Sri. Manoj Jain, IAS
Deputy Commissioner

Foreword

“Hon’ble President in his address to the Joint Session of Parliament of 16th Lok Sabha indicated that each drop of water is precious and launched Pradhana Mantri Krishi Sinchayee Yojana (PMKSY), with a major objective to achieve convergence of investments in irrigation at the field level, expand cultivable area under assured irrigation, improve on-farm water use efficiency to reduce wastage of water, enhance the adoption of precision irrigation and other water saving technologies. It will complete the long pending irrigation projects on priority. Micro-irrigation will be popularized to ensure Per Drop More Crop.

The average rain fall of the district is 836 mm spread over the 43 rainy days, but uneven and erratic rain fall has hampered agriculture activities. Finally sowing and other activities are disturbed.

District has 3.58 lakh ha cultivable are out of which 2.09 lakh ha is dryland and 1.49 lakh ha is irrigated. Though Yadgir district is a water surplus district. It all depends on severity of monsoon. There

are few irrigations in the district, the tail end areas of can are suffering from water availability. By drafting the water from the ground water table is decreasing day by day. On the other hand by injudicious use of water the fertile soil of the district is becoming saline and alkaline in nature, which in turn affects the total crop production.


All plans should focus on utilizing water for establishment of new industries, expansion of irrigated area and creation of special economic zone, so that the district can be a model to the entire State. This provides additional job opportunities, leading to economic growth of the district.

At the outset, I appreciate the efforts of Agriculture Department particularly Joint Director and their team in collection of information from various departments and organizing District Level meetings which has led to finalize this report. I thank all line department officials for timely providing information on their concerned templates. I also express my deep sense of gratitude to Sri. Priyank Kharge, Hon'ble Minister of IT, BT & Tourism and District Minister for chairing the final meeting and providing valuable suggestions.

I also thank the President and members of PLUS TRUST, Bangalore for compilation, analysis and printing of the District Irrigation Plan in an exhaustive and excellent manner.

I hope this report will be useful in planning and efficient management of precious water resource of Yadgir district.

Date 30 July 2016


Manoj Jain, IAS
Deputy Commissioner

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PRADHAN MANTRI KRISHI SINCHAYEE YOJANA (PMKSY)

I. Introduction:

The major objective of PMKSY is to achieve convergence of investments in irrigation at the field level, expand cultivable area under assured irrigation, improve on-farm water use efficiency to reduce wastage of water, enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop), enhance recharge of aquifers and introduce sustainable water conservation practices by exploring the feasibility of reusing treated municipal waste water for peri-urban agriculture and attract greater private investment in precision irrigation system.

PMKSY has been conceived by amalgamating ongoing schemes *viz.* Accelerated Irrigation Benefit Programme (AIBP) of the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR,RD&GR), Integrated Watershed Management Programme (IWMP) of Department of Land Resources (DoLR) and the On Farm Water Management (OFWM) of Department of Agriculture and Cooperation (DAC). The scheme will be implemented by Ministry of Agriculture, Water Resources and Rural Development. Ministry of Rural Development is to mainly undertake rain water conservation, construction of farm pond, water harvesting structures, small check dams and contour bunding etc. MoWR, RD &GR, is to undertake various measures for creation of assured irrigation source, construction of diversion canals, field channels, water diversion/lift irrigation, including development of water distribution systems. Ministry of Agriculture will promote efficient water conveyance and precision water application devices like drips, sprinklers, pivots, rain-guns in the farm “(Jal Sinchan)”, construction of micro-irrigation structures to supplement source creation activities, extension activities for promotion of scientific moisture conservation and agronomic measures.

Programme architecture of PMKSY will be to adopt a ‘decentralized State level planning and projectised execution’ structure that will allow States to draw up their own irrigation development plans based on District Irrigation Plan (DIP) and State Irrigation Plan (SIP). It will be operative as convergence platform for all water sector activities including drinking water & sanitation, MGNREGA, application of science & technology etc. Through comprehensive plan, State Level Sanctioning Committee (SLSC) chaired by the Chief Secretary of the State with the authority to oversee its implementation and sanction of projects.

The programme will be supervised and monitored by an Inter-Ministerial National Steering Committee (NSC) will be constituted under the Chairmanship of Prime Minister with Union Ministers from concerned Ministries. A National Executive Committee (NEC) constituted under the Chairmanship of Vice Chairman, NITI Aayog to oversee programme implementation, allocation of resources, inter-ministerial coordination, monitoring & performance assessment, addressing administrative issues etc.,

Components and responsible Ministries/ Departments are as follows:

1. AIBP by MoWR, RD & GR: To focus on faster completion of on-going Major and Medium Irrigation including National Projects.
2. PMKSY (HarKhetkoPani) by MoWR, RD & GR: Creation of new water sources through Minor Irrigation (both surface and ground water). Repair, restoration and renovation of water bodies; strengthening carrying capacity of traditional water sources, construction rain water harvesting structures (Jal Sanchan); Command area development, strengthening and creation of distribution network from source to the farm. Improvement in water management and distribution system for water to take advantage of available

resource, which is not utilised to its fullest capacity (deriving benefits from low hanging fruits).

3. PMKSY (Watershed) by Dept. of Land Resources, MoRD Water harvesting structures such as check dams, nala bund, farm ponds, tanks etc. Capacity building, entry point activities, ridge area treatment, drainage line treatment, soil and moisture conservation, nursery raising, afforestation, horticulture, fodder development, livelihood activities for the asset-less persons and production system & microenterprises for small and marginal farmers etc. Effective rainfall management like field bunding, contour bunding/trenching, staggered trenching, land levelling, mulching etc.

4. PMKSY (Per drop more crop) by Dept. of Agriculture & Cooperation, MoA Programme management, preparation of State/District Irrigation Plan, approval of annual action plan, Monitoring etc. Promoting efficient water conveyance and precision water application devices like drips, sprinklers, pivots, rain-guns in the farm (Jal Sinchay) Topping up of input cost particularly under civil construction beyond permissible limit(40%), under MGNREGA for activities like lining inlet, outlet, silt traps distribution..

Construction of micro irrigation structures to supplement source creation activities including tube wells and dug wells (in areas where ground water is available and not under semi critical /critical /over exploited category of development) which are not supported under PMKSY (WR), PMKSY (Watershed) and MGNREGA.

Secondary storage structures at tail end of canal system to store water when available in abundance (rainy season) or from perennial sources like streams for use during dry periods through effective on-farm water management Water lifting devices like diesel/ electric/ solar pumpsets including water carrying pipes.

Extension activities for promotion of scientific moisture conservation and agronomic measures including cropping alignment to maximize use of available water including rainfall and minimise irrigation requirement (Jal sanrankchan).

Capacity building, training for encouraging potential use of water source through technological, agronomic and management practices including community irrigation awareness campaign on water saving technologies, practices, programmes etc. organisation of workshops, conferences, publication of booklets, pamphlets, success stories, documentary, advertisements etc. Improved/innovative distribution system like pipe and box outlet system with controlled outlet and other activities of enhancing water use efficiency.

District Irrigation Plans (DIPs)

District Irrigation Plan (DIP) shall be the cornerstone for planning and implementation of PMKSY. DIP will identify the gaps in irrigation infrastructure after taking into consideration the District Agriculture Plans (DAPs) already prepared for Rashtriya Krishi Vikas Yojana (RKVY) vis-à-vis irrigation infrastructure currently available and resources that would be added during XII Plan from other ongoing schemes (both State and Central), like Mahatma Gandhi National Rural Employment Guarantee Scheme (MGNREGA), Rashtriya Krishi Vikash Yojana (RKVY), Rural Infrastructure Development Fund (RIDF), Member of Parliament Local Area Development (MPLAD) Scheme, Member of Legislative Assembly Local Area Development (MLALAD) Scheme, Local body funds etc. The gaps identified under Strategic Research & Extension Plan (SREP) are to be used in preparation of DIP. DIPs will present holistic irrigation development perspective of the district outlining medium to long term development plans integrating three components viz., water sources, distribution network and water use applications incorporating all usage of water like drinking & domestic use, irrigation and industry. Preparation

of DIP will be taken up as joint exercise of all participating departments. DIP will form the compendium of all existing and proposed water resource network system in the district.

The DIPs may be prepared at two levels, the block and the district. Keeping in view the convenience of map preparation and data collection, the work would be primarily done at block level. Block wise irrigation plan is to be prepared depending on the available and potential water resources and water requirement for agriculture sector prioritising the activities based on socio-economic and location specific requirement. In case of planning is made based on basin/sub basin level, the comprehensive irrigation plan may cover more than one district. The activities identified in the basin/sub-basin plan can be further segregated into district/block level action plans.

i. Background

Hon'ble President in his address to the Joint Session of the Parliament of 16th Lok Sabha indicated that "Each drop of water is precious. Government is committed to giving high priority to water security. It will complete the long pending irrigation projects on priority and launch the 'Pradhan MantriKrishiSinchayeeYojana' with the motto of 'HarKhetKoPaani'.

There is a need for seriously considering all options including linking of rivers, where feasible; for ensuring optimal use of our water resources to prevent the recurrence of floods and drought. By harnessing rain water through 'Jal Sanchay' and 'Jal Sinchan', we will nurture water conservation and ground water recharge. Micro irrigation will be to ensure 'Per drop-More crop'. Out of about 141 m. ha of net area sown in the country, about 65 million hectare (or 45%) is presently covered under irrigation. Substantial dependency on rainfall makes cultivation in unirrigated areas a high risk, less productive profession.

Empirical evidences suggest that assured or protective irrigation encourages farmers to invest more in farming technology and inputs leading to productivity enhancement and increased farm income. The overreaching vision of Pradhan MantriKrishiSinchayeeYojana (PMKSY) will be to ensure access to some means of protective irrigation to all agricultural farms in thecountry, to produce ‘per drop more crop’, thus, bringing much desired rural prosperity.

ii. Vision

To utilize the available water resources in the district to the maximum extent in an efficient way to meet the basic needs of every living being and enhancing the livelihoods of rural population to the maximum extent thus, alleviating poverty in a sustainable way without compromising the interests of future generations.

iii. Objective

Following are the objectives:

- A. Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (HarKhetkopani).
- B. Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.
- C. Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent.
- D. Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).

- Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (HarKhetkopani).
- Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.
- Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent.
- Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).

- ❑ Enhance recharge of aquifers and introduce sustainable water conservation practices.
- ❑ Ensure the integrated development of rain fed areas using the watershed approach towards soil and water conservation, regeneration of ground water and arresting runoff.
- ❑ Promote extension activities relating to water harvesting, water management and crop alignment for farmers and grass root level field functionaries.
- ❑ Explore the feasibility of reusing treated municipal wastewater for peri-urban agriculture.

iv. Strategy /approach

- ❑ Creation of new water sources; repair, restoration and renovation of defunct water sources; construction of water harvesting structures, secondary & micro storage, ground water development
- ❑ Developing/augmenting distribution network where irrigation sources (both assured and protective) are available or created;
- ❑ Promotion of scientific moisture conservation and run off control measures to improve ground water recharge so as to create opportunities for farmer to access recharged water through shallow tube/dug wells;
- ❑ Promoting efficient water conveyance and field application devices within the farm *viz*, underground piping system, Drip & Sprinklers
- ❑ Encouraging community irrigation through registered user groups.

Farmer oriented activities like capacity building, training and exposure visits, demonstrations, farm schools, skill development in efficient water and crop management practices (crop alignment) including large scale awareness on more crop per drop of water through mass media campaign, exhibitions, field days, and extension activities through short animation films etc.

CHAPTER I

GENERAL INFORMATION OF THE DISTRICT

1.1. District profile:

Yadgir district is the second smallest district in the state, area wise. But it is very rich in cultural traditions. The vast stretch of fertile black soil of the district is known for bumper red gram and jawar crops. The district is a “Daal bowl” of the state.

It has rich historical and cultural traditions. Yadavas, chose Yadgir to be their capital and ruled from here from 1347 to 1425 AD. Yadgir district has its deep roots in history. The famous dynasties of the south, the Satavahans, the Chalukyas of Badami, the Rashtarkuta, Shahis, the AidilShahis, theNizamShahis have ruled over the district. In 1504, Yadgir (Kalaburagi) was permanently annexed to Adil Shahi kingdom of Bijapur. In 1657, with the invasion of Mir Jumla, it passed into the hands of Mughals. Later with the establishment of AsafJahi (Nizam) Dynasty of Hyderabad (1724–1948), Yadgir and Gulbarga became part of it.

Yadgir has been blessed by the incessant flowing of two main rivers Krishna and Bhima. In addition to these two rivers, a few tributaries also drain in this region. Yadgir is principally an agricultural district with potential scope to establish agro based industries.

Yadgir district lies in the Northern part of Karnataka between 16° 11'–16° 50' N latitudes and 76° 17' - 77° 28' E. longitudes, with a geographical area of 5270 Sq. Km. The district is bounded by Gulbarga district in the North, Vijayapura district in west, Raichur district in South and Mahbubnagar district of Telangana state in the east.

Yadgir district was carved out of Gulbarga district and the Government issued *Gazette Notification* declaring Yadgir as district of Karnataka State on 26 December 2009, but it came into effect from 30 December 2009.

The district has three revenue divisions viz. Yadgir with three revenue blocks in the district viz., Shahapur, Shorapur and Yadgir (Fig. 1.1). The district has 16 hoblies, one city municipal, 3 town municipal, 1 town panchayat, 3 taluk panchayats, 117 grama panchayats, 4 assembly constituencies. There are 519 villages (487 inhabited and 32 uninhabited). As per 2011 census, the total population of the district is 11,74,271 comprising, 5,90,329 male and 5,83,942 female population. The percentage of male and female population is 50.27 and 49.73, respectively.

The Geographical area of the district is 5.16 lakh ha. The net area sown is 3.39 lakh ha, about 0.79 lakh ha is sown more than once and the cropping intensity works out to 123%.

Fig.1.1. Yadgir district map

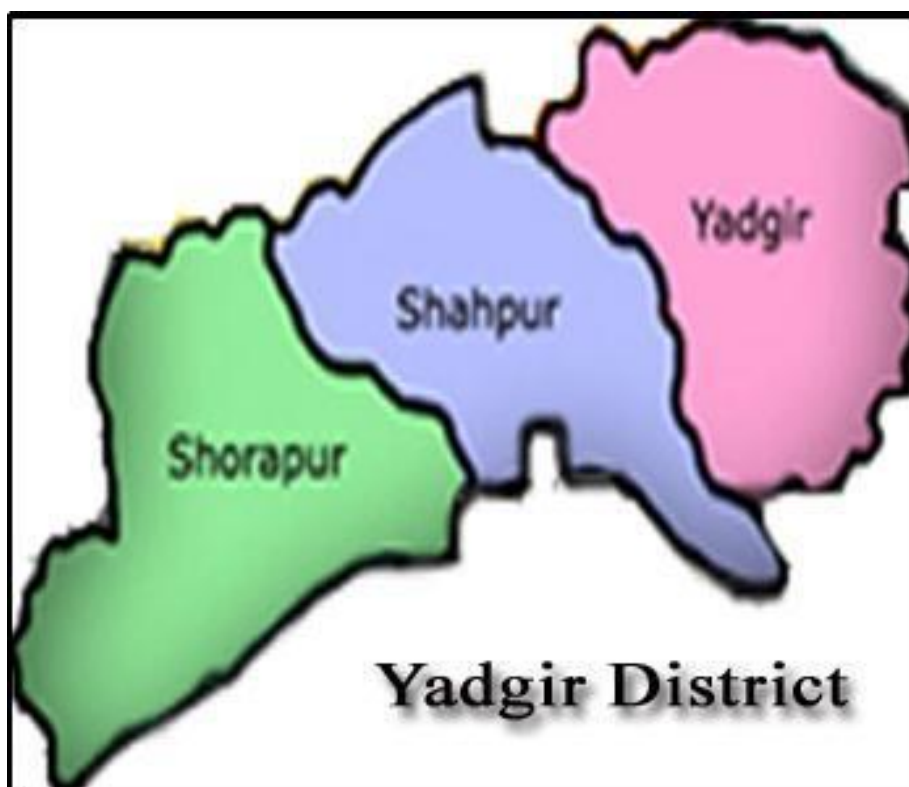


Table 1.1: District Profile

1.	District Code	26
2.	Latitude and Longitude	16° 11'–16° 50' N latitudes and 76° 17' - 77° 28' E. longitudes
3.	Total Number of block	3
4.	Total Number of Grama Panchayat	117
5.	Total No. of Hoblies	16
6.	Total Number of Villages	519
7.	Total Population	1174271
8.	Total Male Population	590329
9.	Total Female Population	583942
10.	Total Rural Population	953594
11.	Total Urban Population	220677
12.	Total Child population	190279
13.	Total SC Population	273315
14.	Total ST Population	146849
15.	Geographical Area	516088 ha
16.	Net Sown Area	339490 ha
17.	Gross Cropped Area	418447 ha
18.	Net Irrigated	164302 ha
19.	Area under Forest	33773 ha
20.	Total livestock	1147375
21.	Total poultry	277397

1.2. Demography

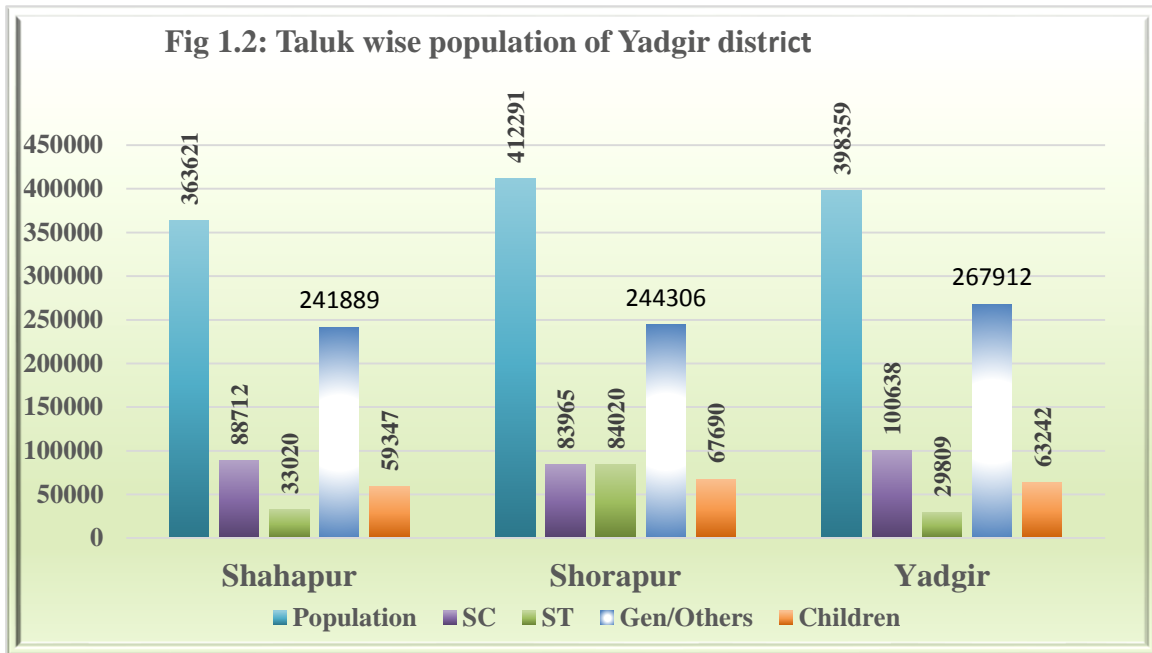
1.2.1. Population

The total population of Yadgir district as per the 2011 census is 1174271. The male population accounts for 590329 and female population is 583942 (Table 1.2, Fig. 1.2). Shorapur has the highest population of 412291(35%) followed by Yadgir 398359 (34%). Shahapur has the lowest population of 363621(31%). The scheduled caste population in the district is 273315(23%) and that of scheduled tribe population is 146849(13%). Scheduled Caste population is the highest (100638) in Yadgir taluk and the lowest in Shorapur taluk (83965). Similarly, scheduled tribe population is the highest in Shorapur taluk (84020) and the lowest in Yadgir taluk.

Table 1.2: Taluk-wise population of Yadgir district

Sl. No.	Block/Taluk	Population			SC	ST	Gen/Others	Children
		Male	Female	Total				
1	Shahapur	183458	180163	363621	88712	33020	241889	59347
2	Shorapur	208173	204118	412291	83965	84020	244306	67690
3	Yadgir	198698	199661	398359	100638	29809	267912	63242
Total		590329	583942	1174271	273315	146849	754107	190279

Source: Census report 2011



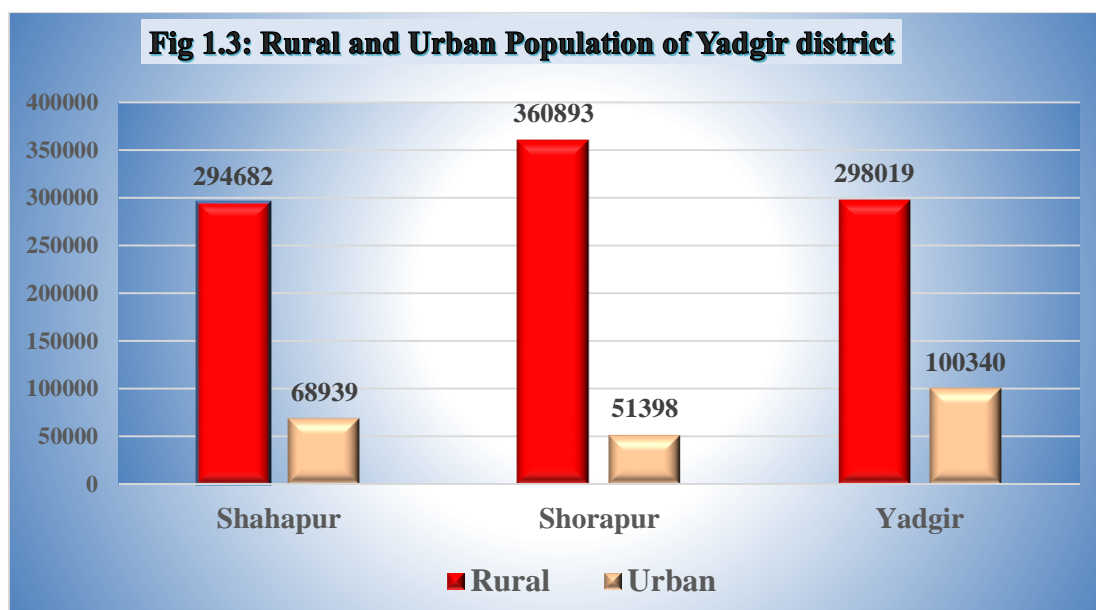
1.2.2. Rural and Urban Population:

It can be seen from Table 1.3 that, the district is having a rural population of 953594 (81%) and the urban population is 220677 (19%). Shorapur taluk has the highest rural population of 360893, followed by Yadgir taluk (298019) and the lowest in Shahapur (294682). Urban population is the highest in Yadgir taluk (100340) followed by Shahapur taluk (68939) and it is the lowest in Shorapur taluk (51398). Shorapur has the highest percentage of population (87%) in rural areas followed by Shahapur (81%). Yadgir taluk has the lowest percentage (75%) of population residing in rural areas. Taluk-wise rural urban population is shown in Fig 1.3.

Table 1.3: Rural and Urban Population of Yadgir District

Sl. No.	Block/Taluk	Population		
		Rural	Urban	Total
1	Shahapur	294682	68939	363621
2	Shorapur	360893	51398	412291
3	Yadgir	298019	100340	398359
Total		953594	220677	1174271

Source: Census report 2011



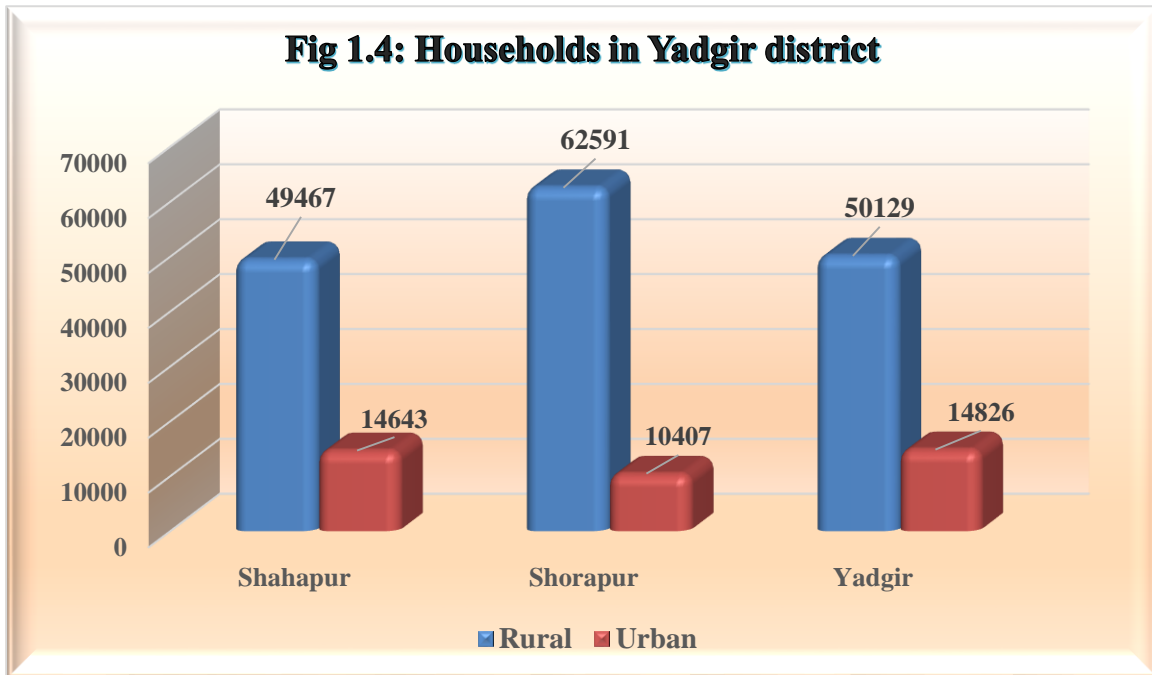
1.2.3. Households

The total number of households in Yadgir taluk is 202063 (Table 1.4). Rural areas have 162187 (80%) and the households in urban area is 39876(20%). Shorapur taluk has the highest number of households 72998(36.1%), followed by Yadgir taluk 64955 (32.2%). Shahapur taluk has the lowest number of households 64110(31.7%). Shorapur taluk has the highest percentage (86 %) of households in rural areas. Shahapur and Yadgir have 77% of households in rural areas (Fig.1.4).

Table.1.4: Details of Households in Yadgir District

Sl. No.	Taluk	Rural	Urban	Total
1	Shahapur	49467	14643	64110
2	Shorapur	62591	10407	72998
3	Yadgir	50129	14826	64955
Total		162187	39876	202063

Source: Census report 2011



1.3. Biomass and Livestock:

Yadgir district has 311063 cattle population and 76553 buffalo population (Table 1.5). Yadgir taluk has the highest cattle and buffalo population of 143223 (37%), followed by Shorapur taluk with 123400 (32%). Shahapur taluk has the lowest cattle and buffalo population of 120993 (31%) in the district. Taluk-wise bovine population of Yadgir district is depicted in Fig 1.5.

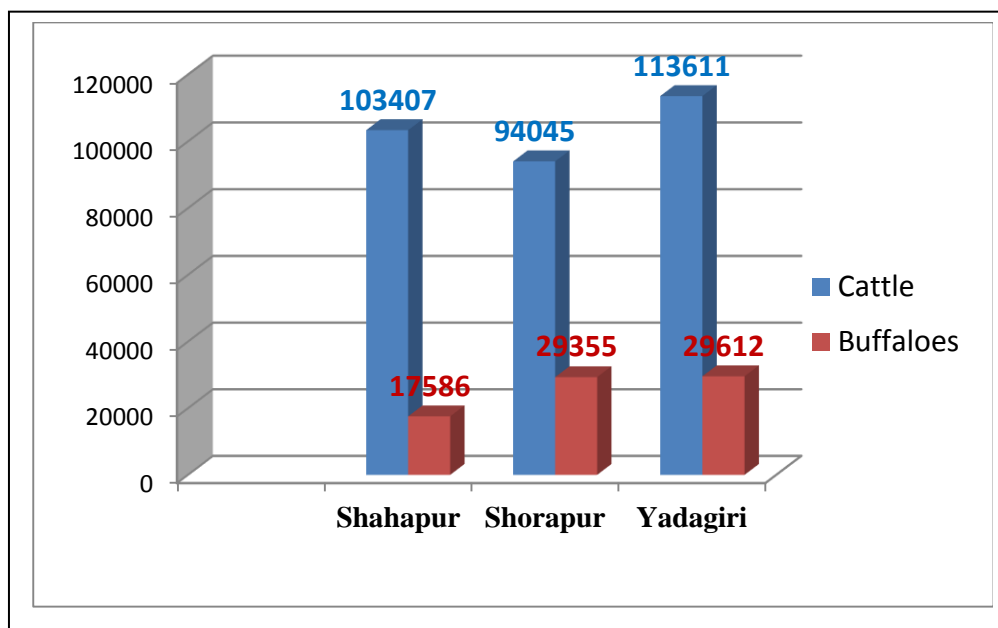
Table 1.5: Taluk-wise Cattle & Buffalo Population of Yadgir District

In Numbers

Sl. No.	Taluk	Cattle Indigenous	Buffaloes Indigenous	Total-Cattle & Buffaloes
1	Shahapur	103407	17586	120993
2	Shorapur	94045	29355	123400
3	Yadgir	113611	29612	143223
	Total	311063	76553	387616

Source: District at a glance

Fig. 1.5: Taluk-wise Cattle and Buffalo Population of Yadgir District



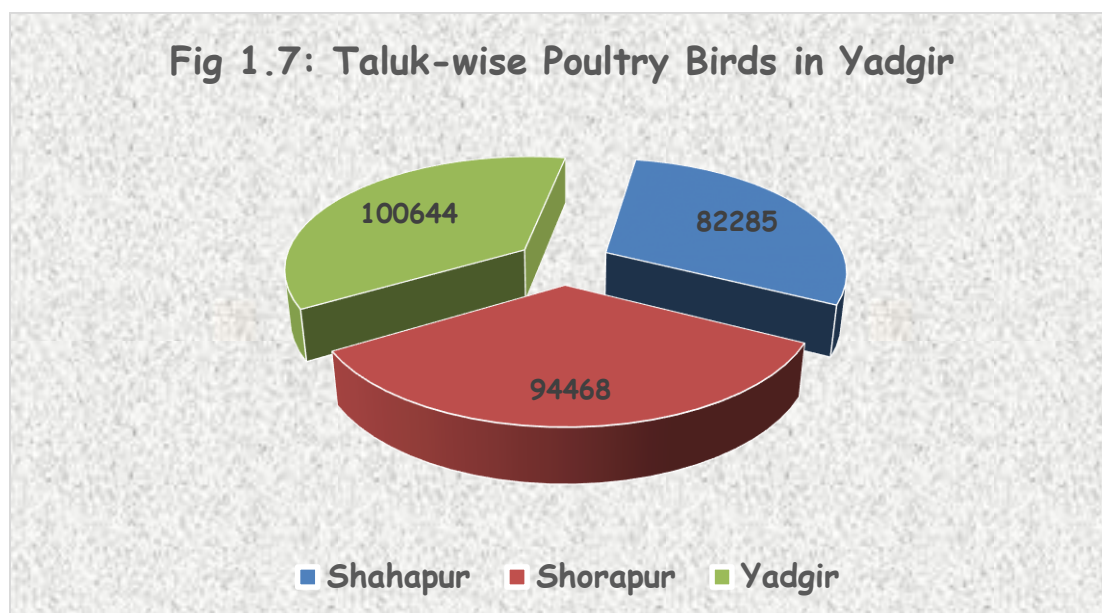
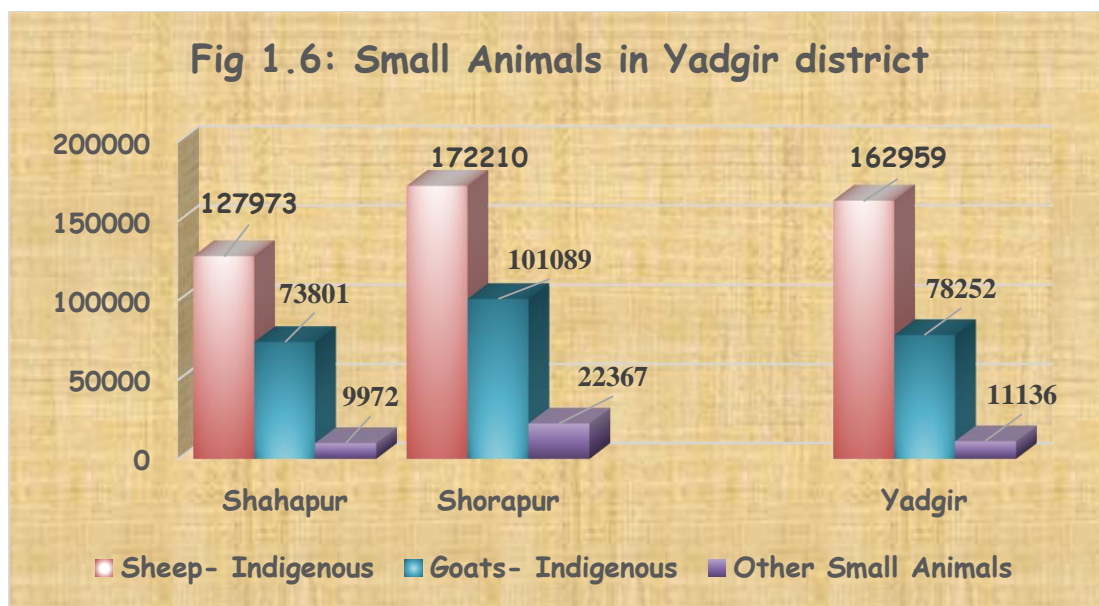
The district has 759759 small animals viz., sheep, goat, dogs etc., and about 277397 poultry birds (Table 1.6; Fig. 1.6). Shorapur taluk has the highest number of small animals 295666 (39%), followed by Yadgir taluk with 252347 (33%). Shahapur has the lowest number of small animal population of 211746 (28%). In case of poultry birds, Yadgir taluk has the highest number poultry birds i.e., 100644 (36%), followed by Shorapur with 94468 (34%). Shahapur has the lowest number of poultry birds 82285 (30%). Taluk-wise details about poultry birds are shown in Fig. 1.7.

Table 1.6: Taluk-wise Small animals in Yadgir District.

In Numbers

Sl. No.	Block/Taluk	Sheep-Indigenous	Goats-Indigenous	Other Small Animals	Total Small Animals	Poultry
1	Shahapur	127973	73801	9972	211746	82285
2	Shorapur	172210	101089	22367	295666	94468
3	Yadgir	162959	78252	11136	252347	100644
	Total	463142	253142	43475	759759	277397

Source: District at a glance



1.4 Agro-Ecology, Climate, Hydrology and Topography:

Agro-ecology

The entire district falls under North Eastern Dry Zone. The zone is predominantly rain dependent dry land agricultural area. Bulk of the annual rainfall occurs during kharif season from June to September, which constitutes over 77% of the annual rainfall. Insignificant quantum of rainfall occurs during the winter monsoon due to north eastern monsoon as well as during summer months.

Climate

Yadgir district lies in the northern plains of Karnataka and has semi - arid type of climate. Dry climate prevails for most part of the year, except kharif season. The southwest monsoon sets in the middle of June and extends till the end of September. Bulk of the annual rainfall occurs during this season, which constitutes over 77% of the annual rainfall. Insignificant rainfall occurs during the winter monsoon owing to north eastern monsoon, which constitutes 7% of the annual rainfall. Normal rainfall of the district is around 818 mm in 44 rainy days. The rainfall pattern is fairly uniform through out the district. December is the coldest month with mean daily maximum and minimum temperatures being 33-34°C and 21^o to 23°C, respectively. During peak summer, temperature shoots up to 45°C. Relative humidity varies from 47% in summer to 69% in winter (Table 1.7)

Table 1.7: Taluk-wise Data on Weather of Yadgir Taluk

Sl. No.	Taluk	Rainfall		Temperature		Humidity (%)	
		No. of rainy days	Average rainfall (mm)	Min. °C	Max. °C	Min	Max
1	Shahapur	43	849	21	34	50	69
2	Shorapur	42	718	23	34	47	67
3	Yadgir	49	887	22	33	48	66
Mean		44	818	22	34	48	67

Source: KSNDMC

Hydrology

Krishna and Bhima Rivers drain the district. Kagna and Amarja are the two tributaries of Bhima River, flowing within the geographical area of the district.

A major part of the district has moderate to moderately deep water levels between 2 to 5 and 5 to 10 mbgl during pre – monsoon period. Depth of water level in the district during pre – monsoon and post – monsoon periods were in

the range of 3.90 to 10.30 mbgl and -0.35 to 8.73 mbgl, respectively. Subsequent to seasonal rainfall, ground water level records a rise, indicating recharge to ground water. During pre-monsoon period there is depletion of ground water level due to removal and no recharge. This is manifested as fall in ground water level during pre-monsoon period. Therefore, ground water level in general shows a receding trend from December to May.

Sometimes there may be rising water level trend during pre – monsoon period attributed to less ground water draft and recharge through canal, tanks or reservoir. Falling water level trend during post – monsoon period may be attributed to poor recharge to ground water and excessive ground water draft. The rising trend of ground water level is observed in both pre and post monsoon periods, which indicates augmented ground water recharge or reduced ground water draft.

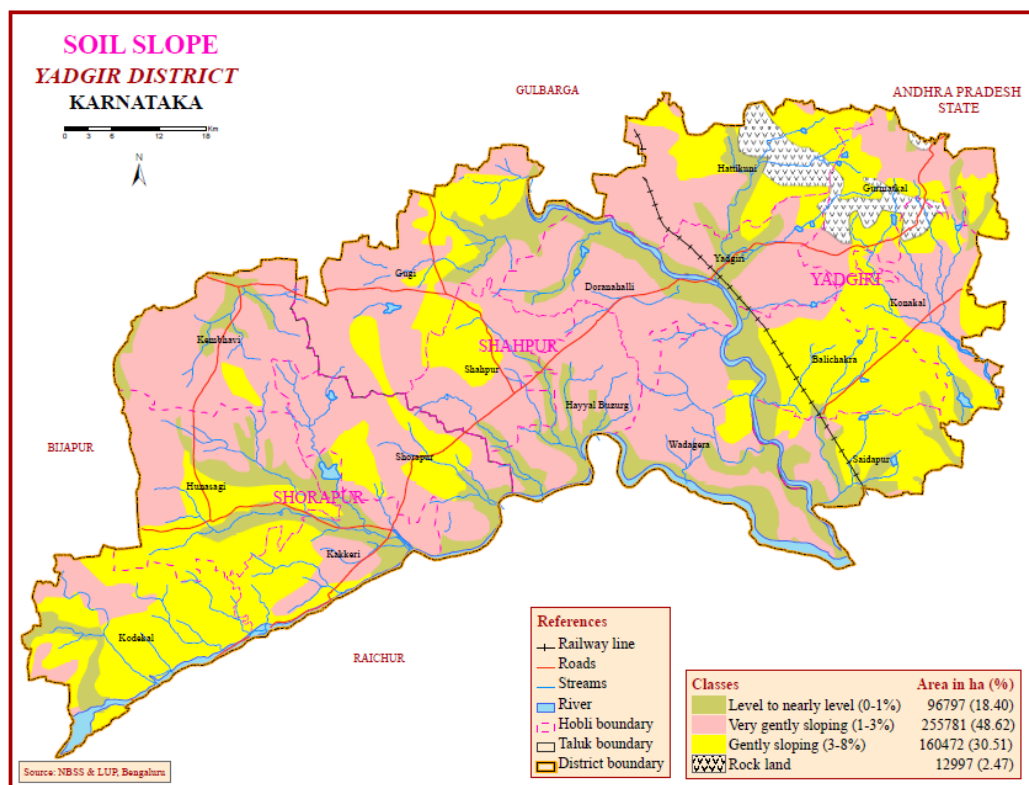
Out of three taluks of the district, Shahapur and Yadgir taluks are 100% SAFE for ground water exploitation, whereas in Shorapur taluk, very small percentage of the entire area is categorized as over exploited, while the maximum area of these taluks are safe for further ground water utilisation.

There is lot of scope for further development of ground water resource. Based on the annual ground water availability for future irrigation use, it is proposed that the ground water development structures viz. dug wells, dug cum bore wells and bore wells can be constructed in the entire district, since a small portion of the district area in Shorapur taluk is categorised as semi-critical and over exploited. Further, proper maintenance of existing tanks through desilting and construction of additional percolation tanks will help in recharging the phreatic zone.

Topography

The lands of the district can be broadly divided into three soil slope classes i) level to nearly level lands (0-1% slope), ii) very gently sloping lands (1-3% slope), iii) gently sloping lands (3-8% slopes) and Rockland (Fig 1.8). Lands that are level to nearly level and very gently sloping occur in all the three taluks of the district, gently sloping lands occur mainly in Shorapur, Yadgir taluk and in places in Shahpur taluk, while, rocklands are found in Yadgir taluk. The lands of the district that are very gently sloping cover an area of 255781 ha (48.62 %) followed by gently sloping lands over an area of 160472 (30.51 %) while, level to nearly level lands, occurring mainly in valleys and along the rivers Krishna and Bhima, are spread over an area of 96797 ha (18.40 %). Rocklands, mainly in Yadgir Taluk, are found over an area of 12977 ha (2.47 %).

Fig 1.8: Slope of Soils in Yadgir District



1.5 Soil Profile:

The soils of the district are mainly of the soil order Vertisols, Inceptisols, Entisols, Aridisols and Alfisols. The area under Inceptisols is 206190 ha (39.20%), Vertisols is 130069 ha (24.73%), Alfisols—101332 ha (19.26%), Entisols 54933 ha (10.44 %), and Aridisols – 20525 ha (3.90%). Rockland covers an area of 12997 (2.47 %) mainly in Yadgir (Table 1.8; Fig 1.9).

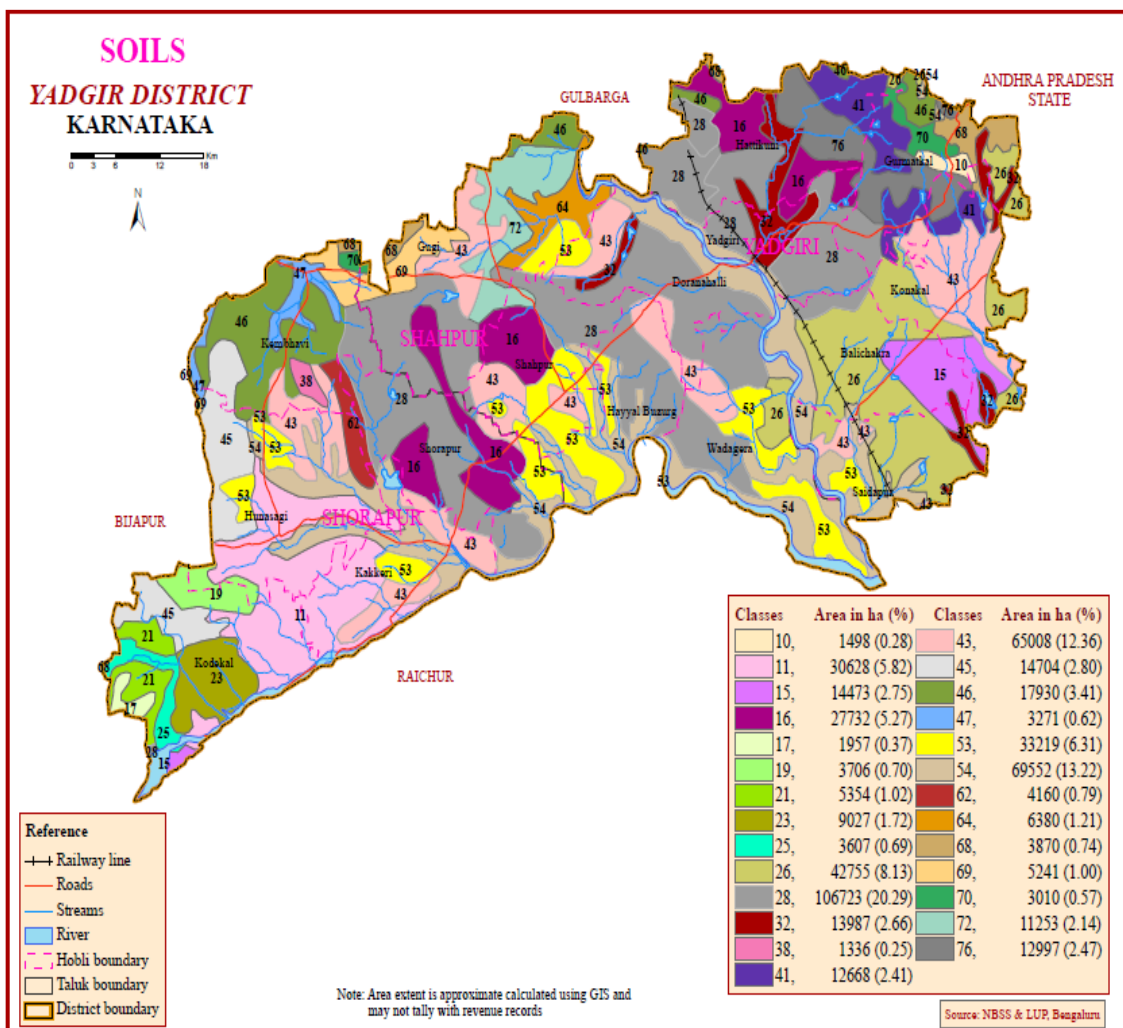
The soils of the soil order Inceptisols are moderately shallow to moderately deep and at places very deep, well drained to somewhat excessively drained, gravelly clayey soils on gently sloping interfluves to rolling lands with moderate erosion and with low WHC. Vertisols are deep to very deep, moderately well drained to well drained, calcareous cracking clay soils, on undulating interfluves, at place on slide slope of plateau and valleys with slight to moderate erosion and are saline in patches.. Alfisols are shallow to moderately deep, well drained, at places somewhat excessively drained, gravelly clay to clay soils on undulating interfluves to rolling land with low WHC and slight to moderate erosion, at place strongly gravelly in the sub-surface. Entisols are very shallow, well drained loamy and places clayey valleys and undulating plains, on the upper slopes of plateaus, they are very deep clayey, moderate erosion, eroded, very low in WHC. Aridisols are moderately shallow to moderately deep, at places shallow, well drained to somewhat excessively drained, gravelly clay to clay, on rolling lands, slight to moderate erosion, at places strongly gravelly in sub-surface. Traditional classification of soils found in Yadgir district is shown in Fig. 1.5b.

Table 1.8 : SOILS OF YADGIR DISTRICTS

Sl. No.	Soil	Area (Ha)	% area	Characteristics
1	Vertisols	130069	24.73	Deep to very deep, moderately well drained to well drained, calcareous cracking clay soils, on undulating interfluves, at place on slide slope of plateaus and valleys with slight to moderate erosion and are saline in patches.
2	Inceptisols	206190	39.20	Moderately shallow to moderately deep and at places very deep, well drained to somewhat excessively drained, gravelly clayey soils on gently sloping interfluves to rolling lands with moderate erosion and with low WHC .
3	Entisols	54933	10.44	Very shallow, well drained loamy and places clayeyvalleys and undulating plains, on the upper slopes of plateaus they are very deep clayey, moderate erosion eroded, very low in WHC.
4	Aridisols	20525	3.90	Moderately shallow to moderately deep, at place shallow,well drained to somewhat excessively drained , gravelly clay to clay, on rolling lands ,slight to moderate erosion, at places strongly gravelly in sub-surface.
5	Alfisols	101332	19.26	Shallow to moderately deep, well drained, at places somewhat excessively drained, gravelly clay to clay soils on undulating interfluves to rolling land with low WHC and slight to moderate erosion, at place strongly gravelly in the sub-surface
7	Rockland	12997	2.47	
	Total	526046	100.00	

Source: NBSS& LUP

Fig 1.9: Soils of Yadgir district

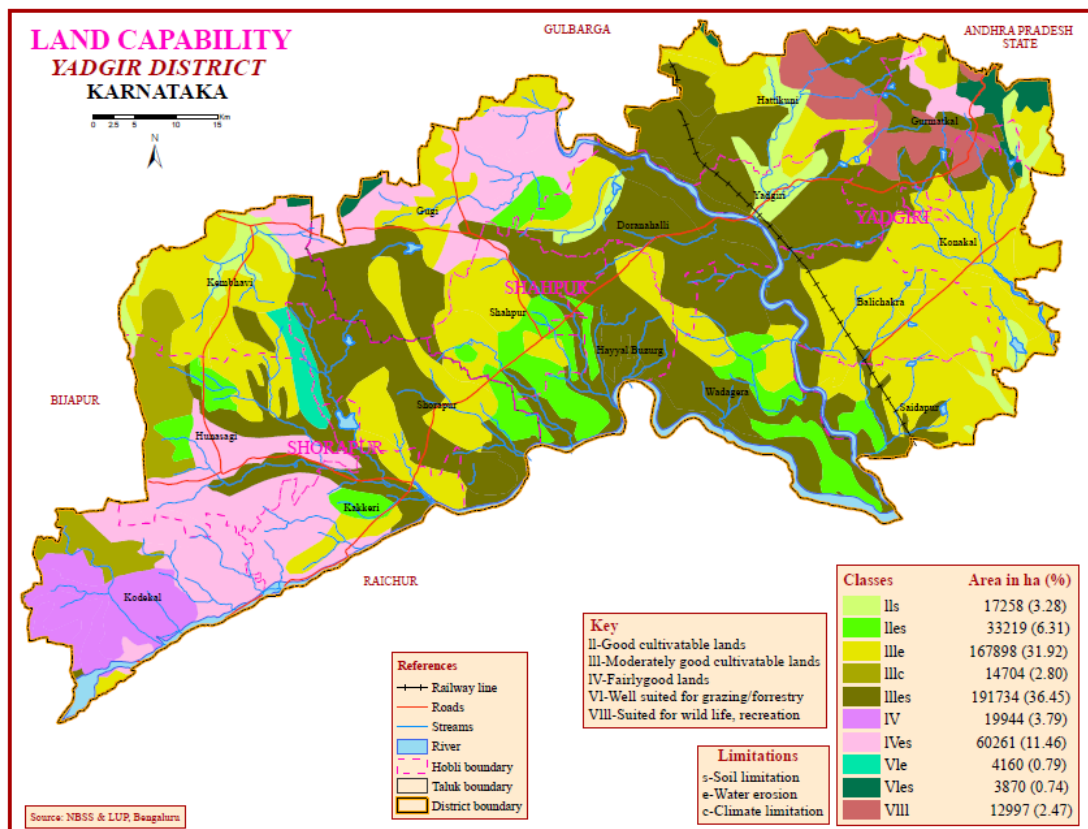


Land capability classification

The lands of Yadgir district are classified under the Land Capability Classes II, III, IV, VI and VIII (Fig 1.10). The lands of the district under the Land Capability Class III that are moderately good cultivable lands occur over an area of 374336 ha (71.17 %) in all the three taluks followed by lands under Class IV which are fairly good cultivable lands – 62255 ha. (15.25 %) are mainly in Shorapur, Shapur. Class II lands are good cultivable lands are restricted to 50477 ha. (9.59 %) occurring in Shahpur and in small areas in Shorapur and Yadgir taluks.

The lands that are well suited for grazing/forestry – Class VI are spread over an 8030 ha. (1.53 %) in Shorapur and Yadgir taluks while the lands suited for wildlife, recreation(ClassVIII) cover an area of 12997 ha (2.47 %) are located in Yadgir taluk. Most of these lands have limitations of water erosion and soils necessitating the adoption of practices to conserve both.

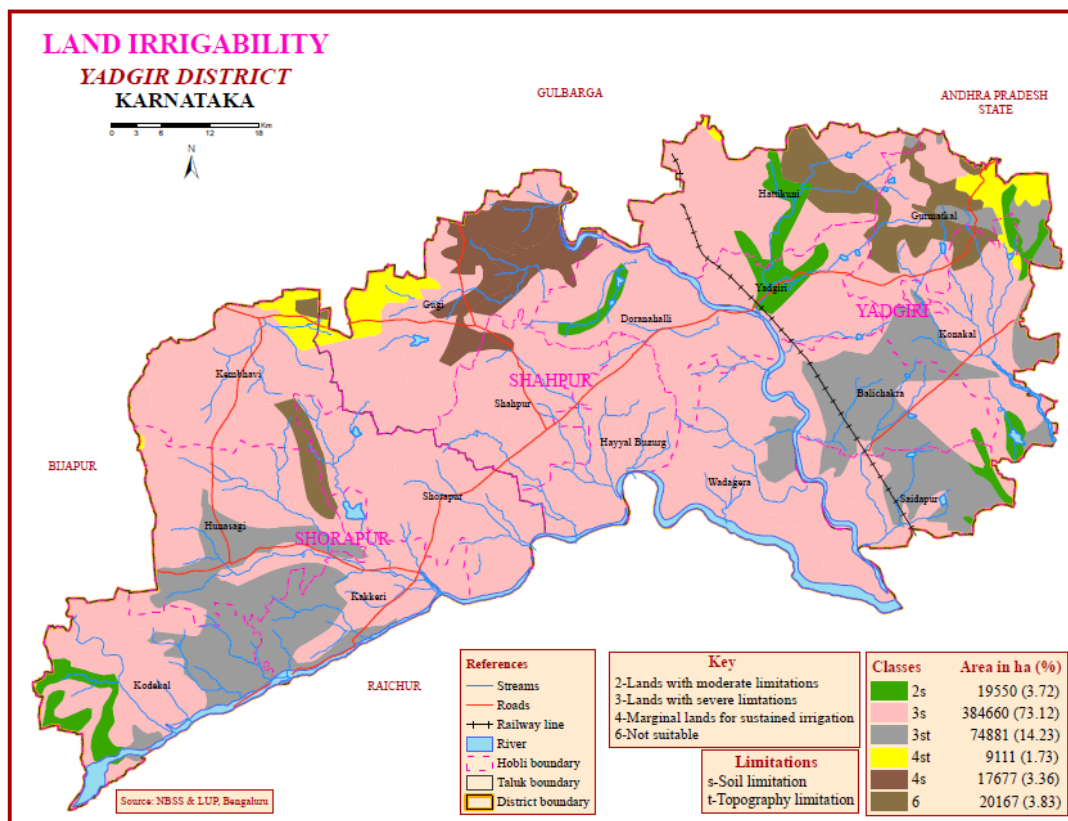
Fig 1.10: Land Capability Classification of Soils in Yadgir District



The Land Irrigability classes occurring in Yadgir district are Class 2,3,4 and 6. The lands of Yadgir district that come under the Class 3 with severe limitation for sustained use under irrigation accountfor 459541 ha. (87.35 %) due to the limitations of soil and topography.They are widely spread in all the three taluks (Fig 1.11). The lands that are marginal for sustained use under irrigation because of very severe limitation of soil and topography – Class 4 in an area of 26788 ha (5.09 %) are mainly found in Yadgir and Shahpur taluks. Lands with moderate limitations for sustained use under irrigation – Class 2

cover a small area of 19550 ha (3.72 %) and are mainly observed in Yadgir and Shorapur taluks and on limited scale in Shahpur taluk . The lands of this district have limitations of soil in general and in a small area with limitation of topography.

Fig. 1.11: Land Irrigability Status of Yadgir District

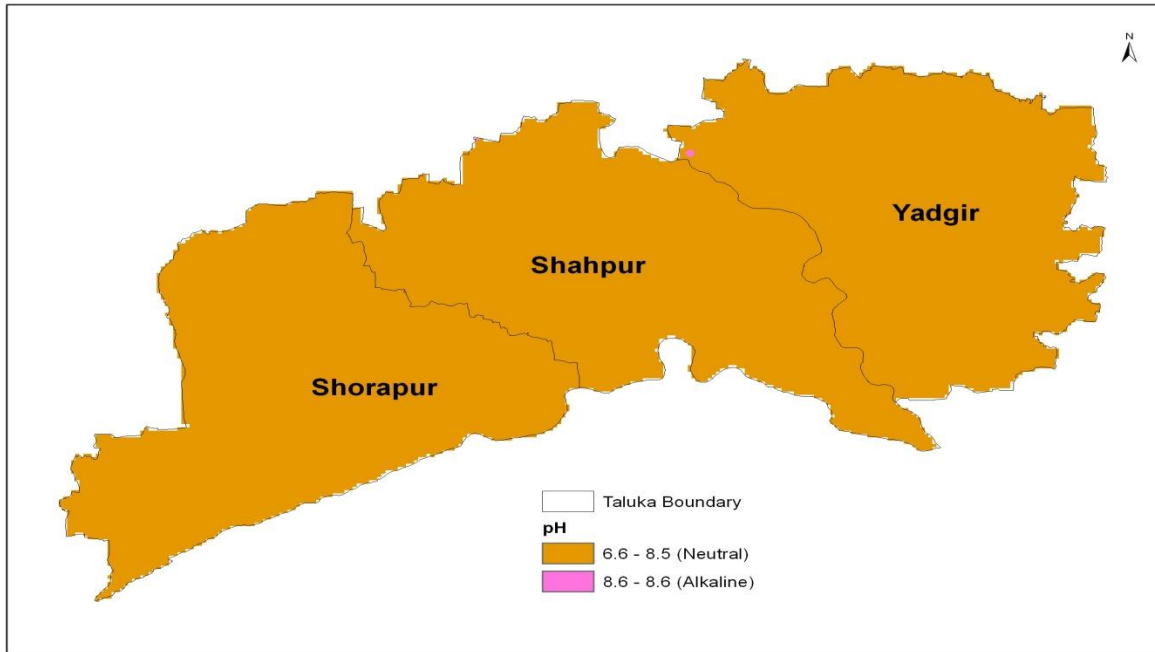


Soil fertility status

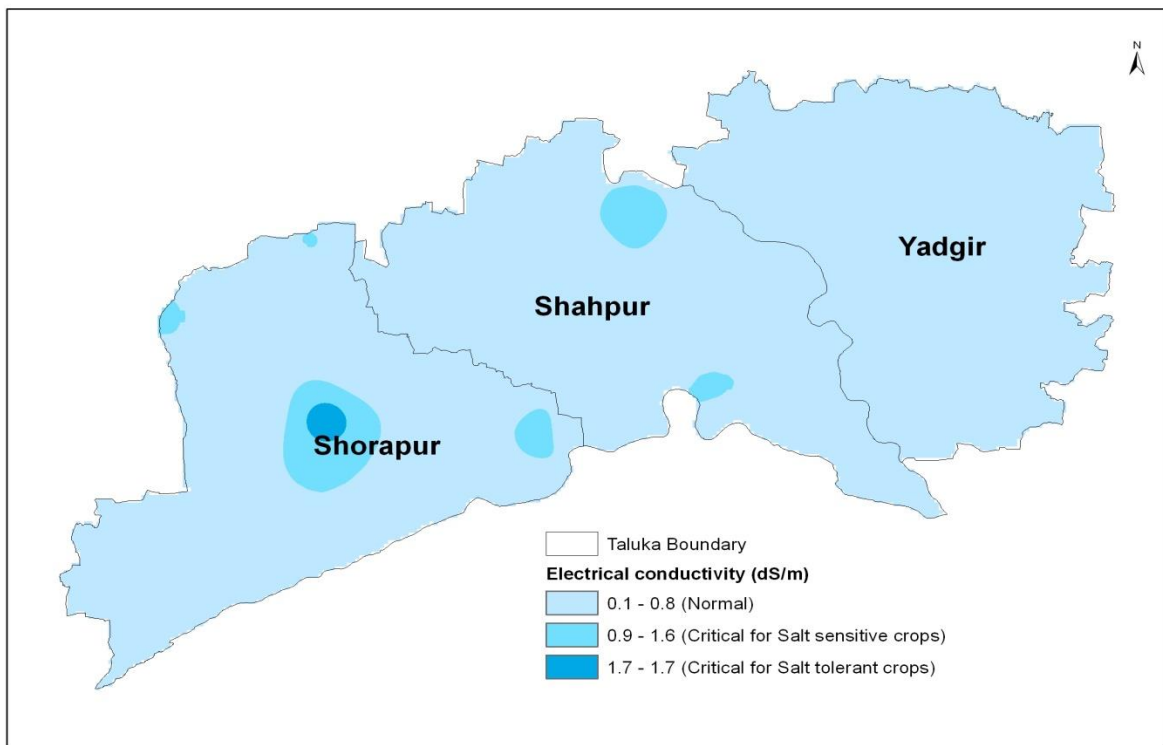
The pH of the soils in the entire Yadgir district ranges from 6.5 to 8.5 (Neutral). The electrical conductivity is normal in the entire district. Major area of the taluk is deficient in zinc. Soils area is deficient in Organic carbon (< 0.5%). The available Phosphorus and Potash is fairly satisfactory in all the three taluks (Fig.1.12).

Fig 1.12: Soil Fertility Status of Yadgir District

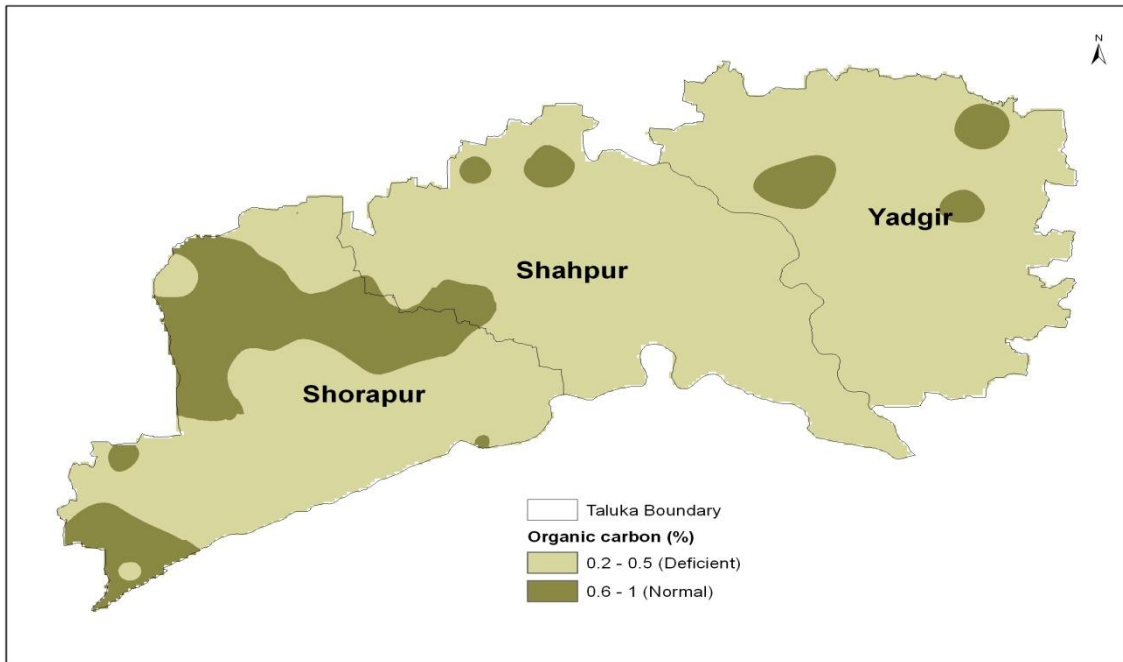
Soil pH of Yadgir District



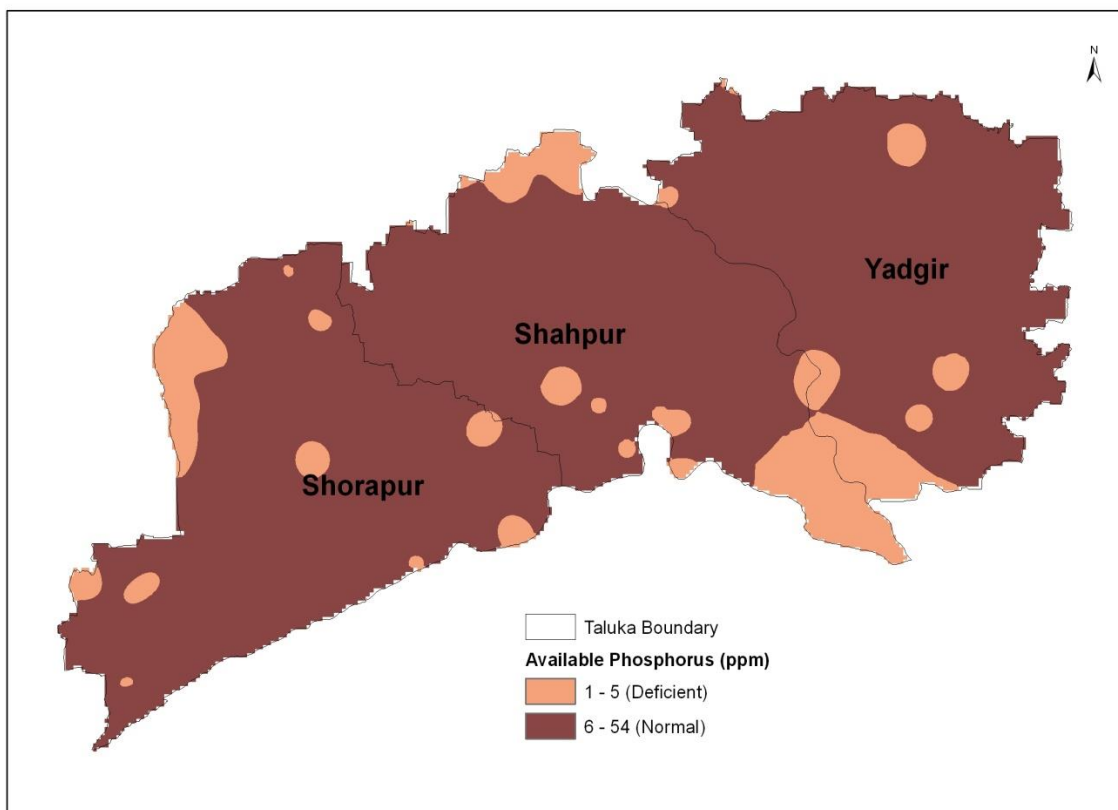
Electrical Conductivity (dS/m)



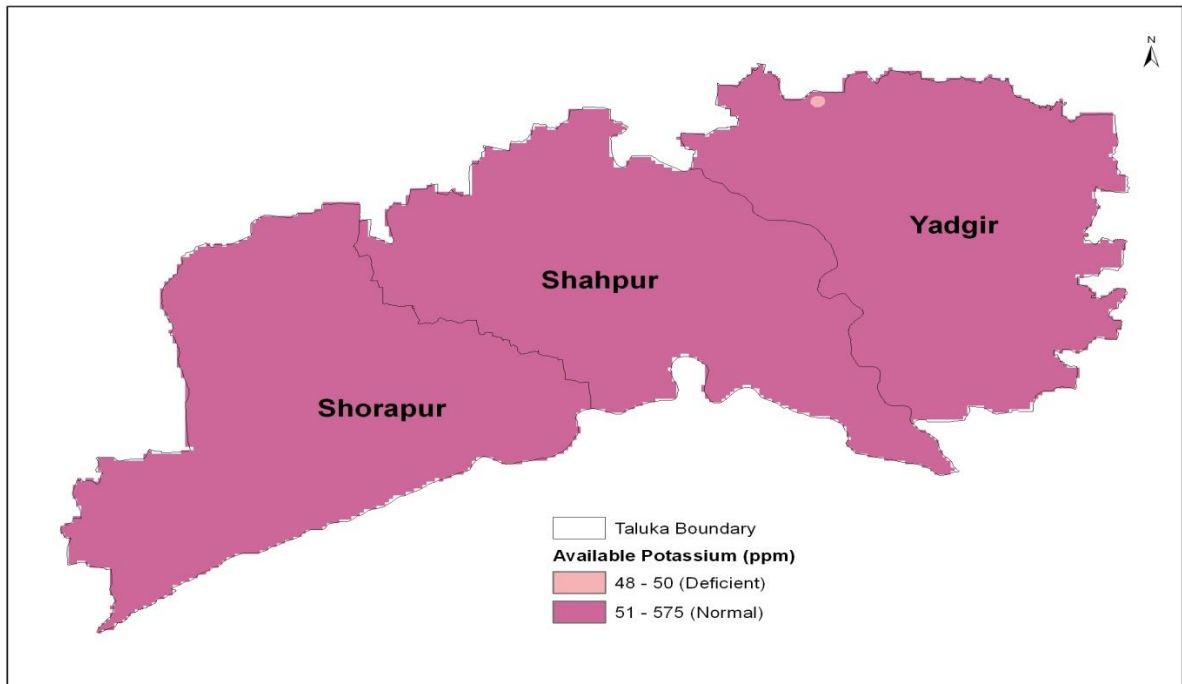
Available Organic Carbon (%)



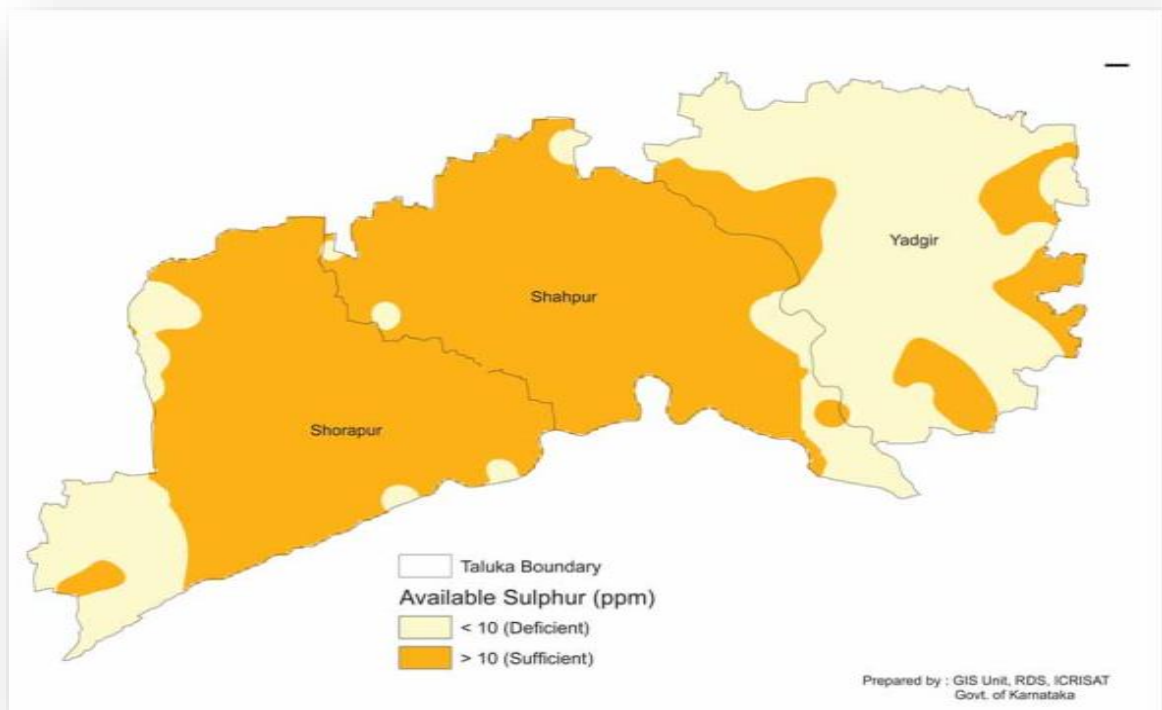
Available Phosphorous (ppm)



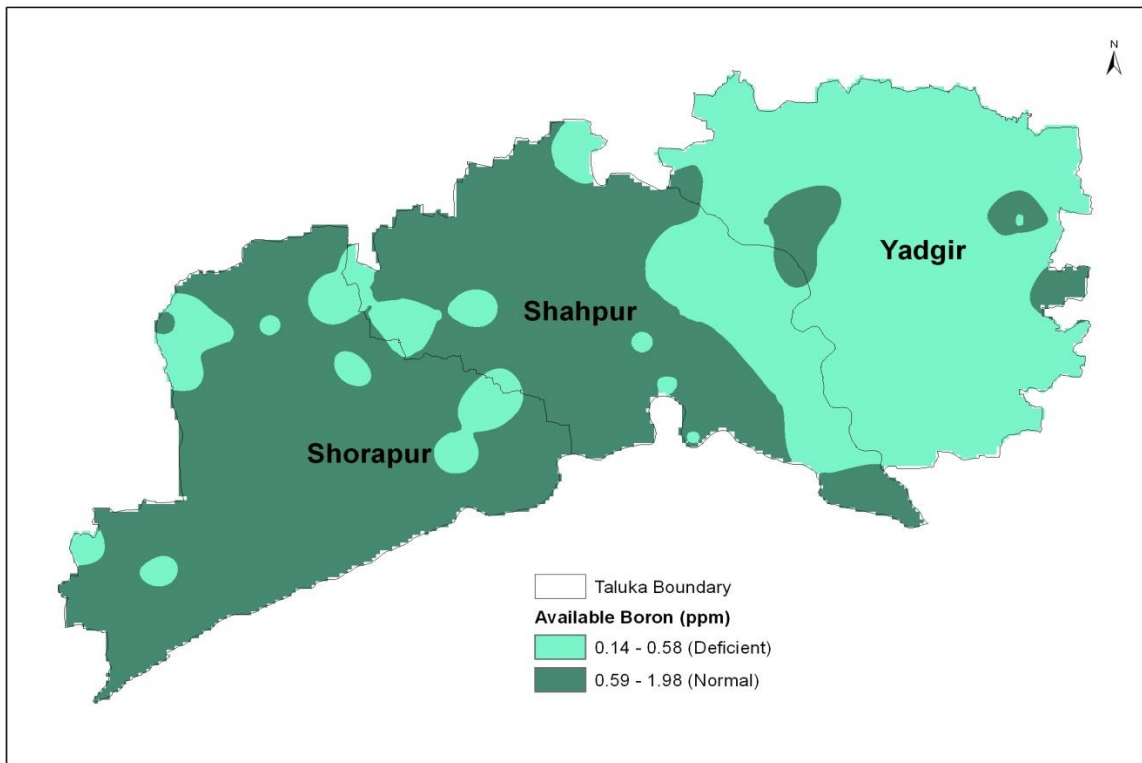
Available Potassium (ppm)



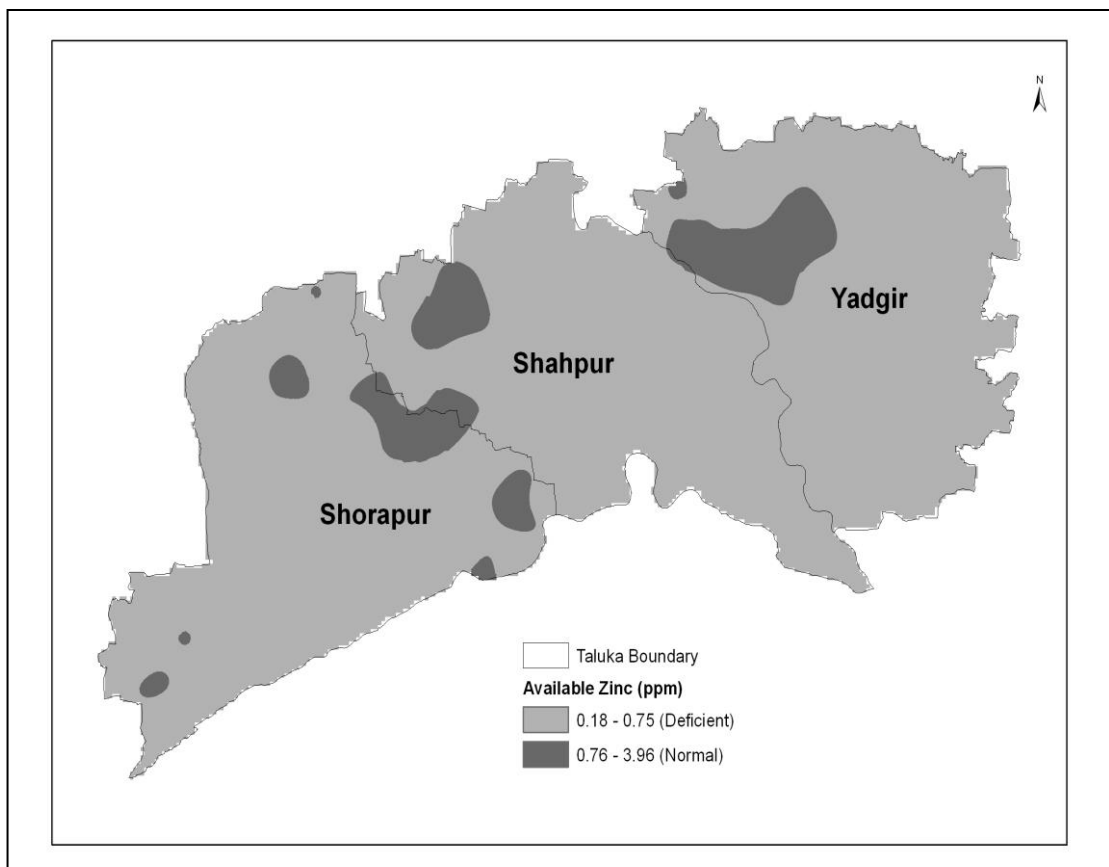
Available sulphur (ppm)



Available Boron (ppm)



Available Zinc (ppm)



1.6 Soil Erosion, Land Capability Classes, and Runoff Status:

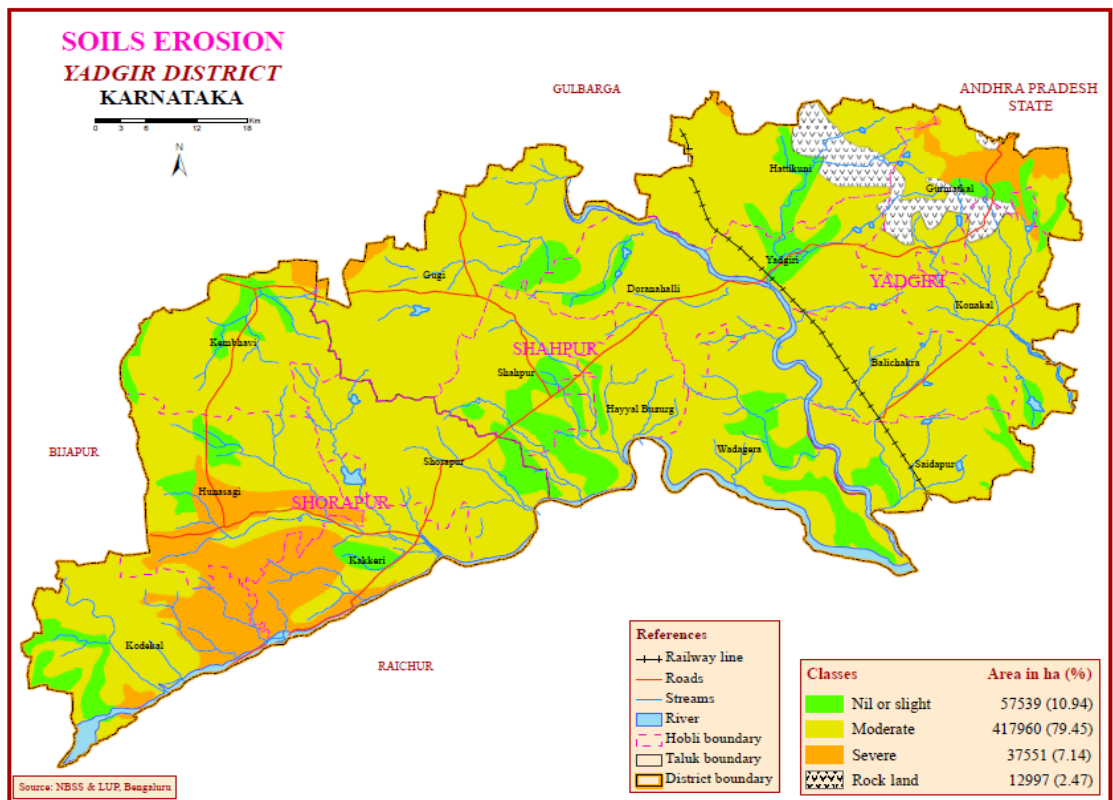
Soil erosion which occurs at varying rates is a widespread threat to sustainable resource management. Major causes of soil erosion were cultivation without proper soil and water conservation measures in areas not suitable for crops, denuded areas without vegetation, cultivated fallow on moderate slopes, degraded forests/pastures on steep slopes and poorly managed forest cover. Appropriate soil conservation and land management techniques for the different soil erosion classes were suggested. It is generally associated with agricultural practices, leading to decline in soil fertility, bringing in a series of negative environmental impacts and has become a threat to sustainable agricultural production and water quality.

Soil erosion is one form of soil degradation. Soil erosion is a naturally occurring process on all lands. The agents of soil erosion are water and wind, each contributing a significant amount of soil loss each year. Soil erosion may be a slow process that continues relatively unnoticed, or it may occur at an alarming rate causing serious loss of topsoil. The loss of soil from farmland may be reflected in reduced crop production potential, lower surface water quality and damaged drainage networks.

The soils of Yadgir district are mainly moderately eroded in an area of 417960 ha. (79.45 %) occurring in all the 3 taluks of the district. Soils with noor slight erosion account for 57539 ha. (10.94 %) of the district and are observed mainly in Shahpur taluk and in small area in Yadgir and Shorapur taluks. Whereas, severely eroded soils occur in an area of 37551 ha. (7.14 %) occurring mainly in Shorapur taluk and over a small area in Yadgir and Shahpur taluks. Surface runoff is high in nearly 86.59 % of the area that is moderately eroded to severely eroded, resulting in loss of water, soil fertility and top soil. Necessary

water conservation measures are needed to be taken up to conserve water and soil in the district. The details about soil erosion in Yadgir district are shown in Fig. 1.13.

Fig 1.13: Soil Erosion in Yadgir district



1.7 : Land Use pattern:

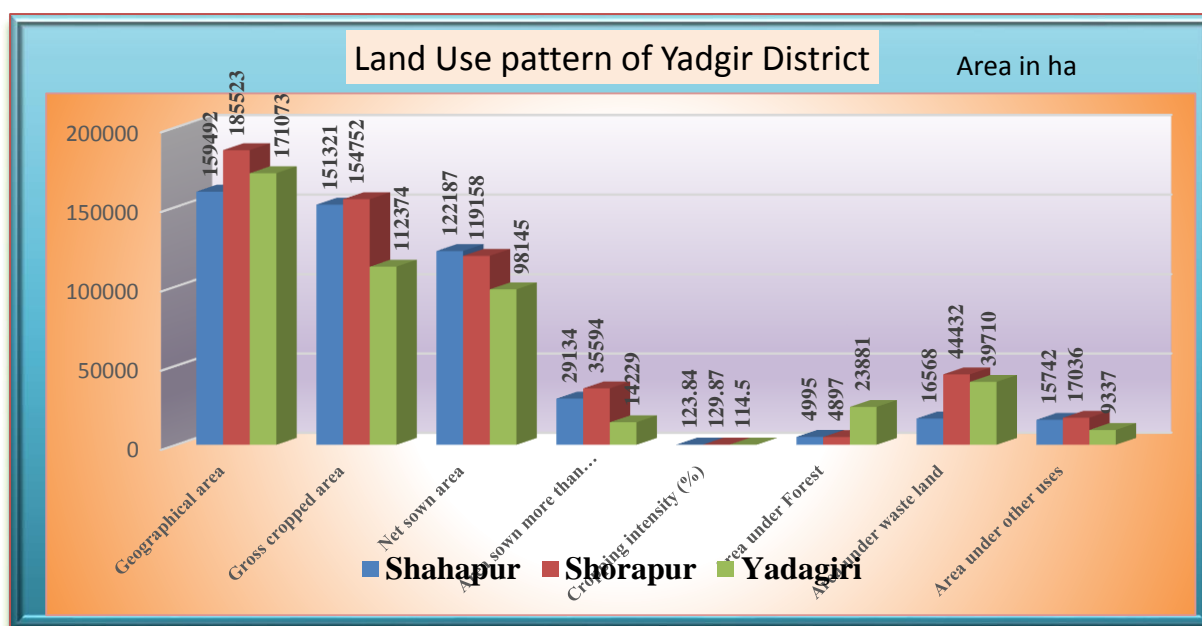
Out of the geographical area of 516088ha (Table 1.9 Fig 1.14) , the net sown area is 339490 ha (66%), area sown more than once is 78957 ha and the cropping intensity is 123.26%, The forest area in the district is 33773 ha (7%), area under waste land is 100710ha(20%) and the area with other uses account for 42115 ha(8%).

Among the taluks, net area sown is highest(122187 ha) in Shahapur taluk, followed by Shorapur taluk(119158ha) and the lowest net area (98415 ha) is in Yadgir taluk. Area under forest land is highest (23881 ha) in Yadgir taluk, followed by Shahapur(4995 ha). Shorapur taluk has the lowest forest area (4897 ha).

Table 1.9 : Taluka Land Use Pattern of Yadgir district.

Sl. No	Taluk	Total Geographical area	Gross cropped area	Net sown area	Area sown more than once	Cropping intensity (%)	Area under Forest	Area under waste land	Area under other uses
1	Shahapur	159492	151321	122187	29134	123.84	4995	16568	15742
2	Shorapur	185523	154752	119158	35594	129.87	4897	44432	17036
3	Yadgir	171073	112374	98145	14229	114.50	23881	39710	9337
Total		516088	418447	339490	78957	123.26	33773	100710	42115

Fig 1.14: Taluk-wise Land Use Pattern



CHAPTER II

DISTRICT WATER PROFILE

2.1. Area wise, Crop wise Irrigation status:

Principal agriculture crops grown in Yadgir district are paddy, jowar, bajra, tur, greengram, bengalgram, groundnut, sunflower, safflower, cotton and sugarcane. The total area that is being cultivated under agriculture crops is 377846 ha. Area of crops grown under irrigation is 180859 ha (47.87 %) and crops grown under rainfed conditions is 196987 ha (52.13%).

Area covered during kharif season is 236600 ha (62.62 %), of which 104274 ha (27.60 %) is under irrigation and 132326 ha (35.02%) is under rainfed condition. During rabi season, field crops are cultivated in an area of 115308ha (30.52%), comprising 53926 ha (14.27 %) under irrigated and 61382 ha (16.25%) under rainfed condition. During Summer season, field crops are cultivated in an area of 25938 ha (7.66 %) under irrigation.

It can be seen from Table 2.2 that, the horticultural crops in the district are cultivated total area of 3680 ha. Under irrigated condition, horticultural crops are cultivated in an area of 2831 ha (76.93%) and under rainfed conditions, it is being cultivated on an area of 849 ha (23.07%). Season wise, category wise irrigated and rainfed area details of Yadgir district are furnished in Table 2.1.

Table 2.1: Taluk-wise, Area-wise Irrigation Status – Yadgir district

Taluks	Kharif (Area in ha)			Rabi (Area in ha)			Summer (Area in ha)			Total (Area in ha)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
Shahapur	46041	51435	97476	19012	19550	38562	10560	0	10560	72334	74264	146598
Shorapur	51171	36357	87528	17695	20581	38276	13613	0	13613	82479	56938	139417
Yadgir	7062	44534	51596	17219	21251	38470	1765	0	1765	26046	65785	91831
District Total	104274	132326	236600	53926	61382	115308	25938	0	25938	180859	196987	377846

Source: KSDA

Table 2.2: Taluk-wise, Area-Wise Irrigation Status - Horticulture Crops

Taluks	Kharif (Area in ha)			Rabi (Area in ha)			Summer (Area in ha)			Total (Area in ha)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
Shorapur	744	445	1189	112	8	120	14	0	14	870	453	1323
Shahapur	822	231	1053	101	0	101	0	0	0	923	231	1154
Yadgir	608	165	773	424	0	424	6	0	6	1038	165	1203
District Total	2174	841	3015	637	8	645	20	0	20	2831	849	3680

Source: KSDH

2.2 Production and Productivity of Major Crops:

Season wise, crop-wise, area sown, production, and productivity of various agricultural crops are furnished at Appendix 2.2. The total annual production of various agriculture crops in the district is 5556999 qtls. and the average productivity is around 1787 kgs/ha. The average productivity under rainfed condition is 1134 Kg/ha and under irrigated condition average yield is 2087 Kg/ha. The average yields are highest in Yadgir taluk (2040 Kg/ha) followed by Shorapur (1804Kg/ha). Lowest average yields are recorded in Shahapur (1518Kg/ha).

2.3. Irrigation based classification:

Of the net sown area of 339490 ha in the district, 48.4 % of the area is net irrigated (164302 ha). Among the various sources, canal irrigation (129354 ha) accounts for 78.73 % of the irrigated area, followed by bore wells 9.62%(15802 ha), open wells 5.48 %(9011 ha), tanks 2.15 % (3525). Lift irrigation accounts for very small area (1.62 % -2656 ha). Major area irrigated through canals is in Shahapur and Shorapur taluks. Among the taluks, Shorapur has the highest area of 77172 ha(46.97 %) under irrigation, followed by Shahapur61639 ha (37.52 %). The lowest area under irrigation is in Yadgir, 25491 ha (15.51%). Taluk-wise irrigation based classification is shown in Table 2.3 and Taluk-wise, source-wise area irrigated in Yadgir district is furnished in Table 2.4.

Table 2.3: Taluk-wise Irrigation based Classification

Name of the Block	Irrigated (Area in ha)		Rainfed (Area in ha)	
	Gross Irrigated Area	Net Irrigated Area	Partially Irrigated / Protective Irrigation	Un-Irrigated or Totally Rainfed
Shahapur	66985	61639	3317	49977
Shorapur	84313	77172	2225	29038
Yadgir	27222	25491	19323	56219
Total	178520	164302	24865	135234

Table:2.4:Source wise area under Irrigation in Yadgir District

(Area in hectares)

Sl. No.	Taluk	Canals (Area)		Tanks		Open Wells			Tube/Bore Wells			Lift irrigation			Other sources		Total		
		Gross	Net	Nos.	Area		Nos.	Area		Nos.	Area		Nos.	Area		Area		Area	
					Gross	Net		Gross	Net		Gross	Net		Gross	Net	Gross	Net	Gross	Net
1	Shahapur	62224	57306	50	185	185	1198	738	667	373	2650	2598	1025	1101	823	87	60	66985	61639
2	Shorapur	77754	71253	26	470	470	1147	813	712	188	1700	1513	1047	737	513	2839	2711	84313	77172
3	Yadgiri	870	795	232	2870	2870	668	7820	7632	4884	12721	11691	309	1520	1320	1421	1183	27222	25491
Total		140848	129354	308	3525	3525	3013	9371	9011	5445	17071	15802	2381	3358	2656	4347	3954	178520	164302

CHAPTER III

WATER AVAILABILITY

3.1. Status of Water availability

Yadgir district, which was carved out of the erstwhile Gulbarga district, was basically well known for vagaries of rainfall with low, erratic and poorly distributed rainfall. The performance of crops was invariably affected by the recurring droughts and the profitability of agriculture was always negatively affected. However, construction of Narayanapur dam across Krishna River has changed the irrigation scenario in the district in a significant manner. Prior to Narayanapur dam, a small area was irrigated in Yadgir taluk by Soudhagar and Hattikuni project, having a combined command area of 1850 ha.

At present, the district receives the canal water to the tune of 3.13002 BCM (107.6 TMC) considering the supply in both kharif and rabi seasons. This has created an irrigated area of 1,28,559 ha in Shorapur and Shahapur taluks. In addition to the canal water, the district has an advantage of minor irrigation tanks supplying 0.054 BCM and lift irrigation schemes supplying 0.032 BCM. The present water supply also includes the other rain water harvesting structures like barrages and anicuts supplying 0.031 BCM. Thus, total surface water available from canals, tanks, lift irrigation and other water bodies (from anicuts & barrages) is 3.13002 BCM (Table 3.1). Due to the availability of surface irrigation as well as other geomorphological features, Yadgir district is also blessed with annual net underground water.

Table 3.1 Status of Water availability

Sl. No.	Sources	In BCM			Total
		Kharif	Rabi	Summer	
1	Surface Irrigation				
(i)	Canal(Major & Medium Irrigation) Narayanapur Left Branch Canal	1.20797	1.80488	--	3.01302
(ii)	Minor Irrigation tanks	0.0270000	0.0270000	--	0.0540000
(iii)	Lift Irrigation/ diversion	0.0160000	0.0160000	--	0.0320000
(iv)	Various Water Bodies including Rain Water Harvesting a) Barrage b) Anecut	-- 0.0080000	0.0150000 0.0080000	-- --	0.0150000 0.0160000
(v)	Treated Effluent Rceived from STP	--	--	--	--
(vi)	Untreated effluent	--	--	--	--
(vii)	Perennial sources of water	--	--	--	--
	Total surface water	--	--	--	3.13002
2	Ground Water	--	--	--	--
(i)	Open well	0.0000001	0.0000001	--	0.0000002
(ii)	Deep Tube Well	0.0000001	0.0000001	--	0.0000002
(iii)	Medium Tube Well	--	--	--	--
(iv)	Shallow Tube Wells	--	--	--	--
	Total	--	--	--	0.0000004
	Grand total	--	--	--	3.1300204

Source: CWC,CGWB, District Irrigation and Agriculture office records

3.2: Status of ground water availability:

The ground water estimation is worked out based on the methodology recommended by Ground Water Estimation Committee. The ground water resource of the entire State has been computed by Central Ground Water Board (CGWB, 2013). The salient features of the ground water resources are given below. The data has been computed block-wise. The areas having slopes of > 20 % have been excluded from the recharge computation. Further, the ground water recharge and draft has been computed separately for command and non-command areas. The information has been calculated separately for each taluk.

Yadgir district, in general is underutilized with regard to the ground water, because, major part of the district is utilizing the adequate supply of canal water. Out of the total annual replenishable ground water of 0.33559 BCM, Yadgir taluk has lowest ground water resource of 0.06969 BCM, while Shahapur has got the highest ground water to the tune of 0.14692 BCM (Table 3.2). Shahapur taluk is evaluated as 100% safe with regard to the ground water utilization, because the annual total draft is less than 50% of the annual recharge. This indicates the possibility of exploring the ground water in such areas of Shahapur taluk where canal water is not available. In Shorapur taluk, 85% of the geographical area is safe for ground water exploitation, while 15% of it is over exploited. In case of Yadgir taluk, which has an advantage of high rainfall of 872 mm, 40% of the area is safe for ground water exploitation and the remaining 60% is falling under semi critical zone.

Table 3.2 Status of Ground water availability

Taluks	Status of Ground Water#			Under Ground water (BCM)#		
	Semi-critical	Safe	Over exploited	Net annual	Irrigation draft	Future irrigation draft
Shahpur	--	safe	--	0.14692	0.00808	0.12750
Shorapur	--	85	15	0.11898	0.02077	0.08922
Yadgir	60	40	--	0.06969	0.0490	0.01035
Total				0.33559	0.07785	0.22707

- Central Underground Water Board Booklet – Yadgir district – 2013

3.3 Status of Command Area:

Narayanapur dam across river Krishna is the major source of command area in the district. Shahapur branch canal as well as right bank canal of Narayanapur dam area supplying canal water to the tune of 107.6 TMC irrigating 129354 ha. The irrigation intensity in canal irrigated area is around 109 % which is in line with the basic objective of providing irrigation as a drought mitigation measure. Yadgir taluk is presently not having the benefit of command area of Narayanapur dam. However, two old anicuts at

Soudhagar and Hattikuni have been able to create a command area of 795 ha. As Bheemariver is passing through Yadgir taluk and two lift irrigation schemes have been proposed across Bheema River which would irrigate substantial area in Yadgir taluk.

3.4 Existing type of irrigation:

The total irrigated area in Shorapur and Shahapur taluks are respectively 84313 ha and 66985 ha. Canals, open wells, tube wells and lift irrigation have been the major source of irrigation in the district. Yadgir taluk has a smaller percentage of irrigated area accounting for 25,491 ha. The whole district has 164,302 ha of net irrigated area, which is 55% of the net sown area. The average irrigation intensity in the district is around 109%, indicating the non availability of irrigation for second season for most of the cultivated land.

Shahapur and Shorapur taluks have major share of canal irrigated area accounting for 128,559 ha. As against this, Yadgir taluk has a very small canal irrigated area (795 ha). Tanks, open wells and tube wells have respectively contributed a smaller share of net irrigated area (3525 ha, 9011 and 15,802 ha). These forms of irrigation are more popular in Yadgir taluk than other two taluks. The availability of adequate shallow aquifers has promoted the successful exploration of shallow ground water in the form of ground water. In general, the bore wells are limited to Yadgir taluk, where there is no supply of canal irrigation. There is a wide scope to further utilize the ground water in all the three taluks to supplement the canal irrigation. The tank irrigation is mostly undeveloped in the entire district as only 308 tanks are functioning with a net irrigated area of 3525 ha. There is a tremendous scope to harvest rain water and improve the tank irrigation scenario in future.

3.5. Water available from various sources:

Water (0.33559 BCM) is available from underground water (as per Central underground Board Booklet, 2013) and 3.13002 BCM is available from irrigation canals (Major and medium), minor irrigation tanks (maintained by Zilla Panchayats and Minor Irrigation Departments), lift irrigation and other water bodies. Here also, efforts are to be made to recharge these tanks for utilization – mostly for drinking, industrial or other purposes (Table 3.3). Further, water from canals is providing drinking water facility to some of the taluks.

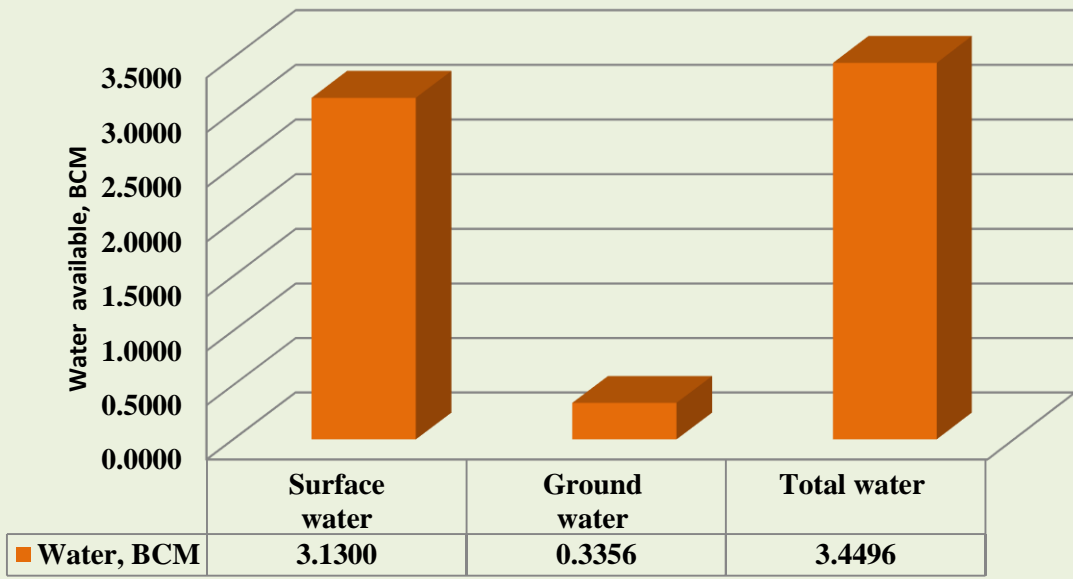
The total water available from various sources for Yadgir district is 3.46561 BCM (Table 3.3, Fig. 3.1).

Table 3.3. Rainwater distribution over the ground in Yadgir district

Taluks	Under ground water, BCM #	Surface water from canals & other sources##	Total
Shahapur	0.14692	3.13002	3.46561
Shorapur	0.11898		
Yadgir	0.06969		
Total	0.33559	3.13002	3.46561

- Central Underground Water Board Booklet, Yadgir district- 2013; ## - Surface water from canals (major and medium), minor irrigation tanks, lift irrigation and water bodies from anecut, barrage.

Fig. 3.1. Water available from various sources in Yadgir district



CHAPTER IV.

WATER REQUIREMENT/ DEMAND - YADGIR DISTRICT

Water is a precious natural resource provided by nature to mankind for usage in various activities. Life does not exist without water. All living organisms depend on water for performing various vital functions for survival. Major portion of water is used for agriculture all over India and that too in Karnataka. Although water is a renewable resource, it is quite dynamic and becoming scarce due to spatial and temporal variation in rainfall. Water is needed to ensure food security, feed livestock, maintain organic life (sustain lifestyle of human beings, living creatures, conserve biodiversity and environment), industrial use, etc. However, with reckless abuse and increasing demand due to growing population and undesirable lifestyle, many states are facing severe water crisis. It is not only due to rapid population growth alone, but also on account of many other factors such as rise in per capita water demand arising out of continuous upward movement of living standards, increased reliance on irrigated agriculture, massive urbanization and industrialization etc. The available utilizable water resource of the country is considered insufficient to meet all future needs. Under such a situation, in order to face the challenge of water deficit, apart from accelerating pace of development of available utilizable water resources, all out efforts, on the part of people from every walk of life, would need to be made to conserve every drop of water and improve efficiency in all areas of water use.

The National Commission on Agriculture in 1976 estimated water resources in the country for 1974 and projected for 2000 and 2025 based on certain empirical formulae and assumptions related to runoff characteristics of soil, rainfall events and vegetation cover. India is a vast country with a geographical area of 328 Mha and receiving annual precipitation of 1194 mm. This amounts to availability of 400 Mha-m (million hectare meter) of water to

India. Out of this, 17.5% goes as immediate evaporation (70 Mha-m), 53.8% as precipitation into soil (215 Mham) and 28.7% as surface runoff (115 Mha-m, which includes 10 Mha-m as snowfall). Further, total precipitation received on the soil is further divided into 41.3% (165 Mha-m) as soil moisture available for crops and 12.5% as ground water (50 Mha-m). Water is lost through evaporation to an extent of 20% in medium and major reservoirs and 40% in tanks. This assumption is followed for Karnataka (Bhaskaret *al.*, 2016).

Karnataka has total geographical area of 19.20 million ha receiving an annual precipitation of 1133.3 mm (average of 55 years from 1960 to 2014). About 71% of rainfall is received during south west monsoon (June to September), while north east monsoon contributes 17% (October to December) and early showers by 12%. The south west monsoon sustains agricultural activity in most parts of the state, as large proportion of agriculture is rainfed farming. Taking geographical area and rainfall into consideration, available water due to precipitation is 21.76 Mha-m to Karnataka (215.2864 BCM or 7688.8 TMC). Following NCA 1976 recommendation, out of 215.2864 BCM (7688.8 TMC) of water, 53.8% percolates into soil (115.822 BCM or 4136.57 TMC), 17.5% as immediate evaporation loss (37.674 BCM or 1345.54 TMC), and 28.7% as surface water runoff (61.7876 BCM or 2206.69 TMC).

The average annual rainfall in Karnataka is 1133.3 mm. The state is divided into four meteorological divisions viz. North Interior Karnataka, South Interior Karnataka, Malnad and Coastal Karnataka. Coastal Karnataka with an average annual rainfall of 3456 mm is one of the rainiest regions in the country. Contrasting this, the region of South Interior Karnataka and North Interior Karnataka receive only 1286 and 731 mm of average annual rainfall respectively. (https://en.wikipedia.org/wiki/Rainfall_in_Karnataka).

Karnataka accounts for about six percent of the country's surface water resources. Around 60% of this is provided by the west flowing rivers while, the remaining comes from the east flowing rivers. There are seven river basins in all formed by the Godavari, Cauvery, Krishna, the west-flowing rivers, North Pennar River, South Pennar and Palar are the east flowing rivers.

(http://waterresources.kar.nic.in/river_systems.htm);

(https://en.wikipedia.org/wiki/Geography_of_Karnataka).

Yadgir district has a total geographical area of 516088 ha receiving an annual precipitation of 832 mm. Shahapur and Yadgirtaluks receive higher rainfall of 849 to 887 mm, followed by Shorapur taluk (718 mm). Most of the rain (77%) is received during south west monsoon (June to September). The south west monsoon sustains agricultural activity in most parts of the state, as large proportion of agriculture is rainfed farming. Taking geographical area and rainfall into consideration, available water due to precipitation is 4.374638 BCM to Yadgir. Following NCA 1976 recommendation, out of 4.374638 BCM of water, 53.8% percolates into soil (2.353555 BCM), 17.5% as immediate evaporation loss (0.7655617 BCM), 28.7% as surface water runoff (1.2555211 BCM) and 12.5% as underground water (0.5468298 BCM).

4.1. Water Demand for domestic need:

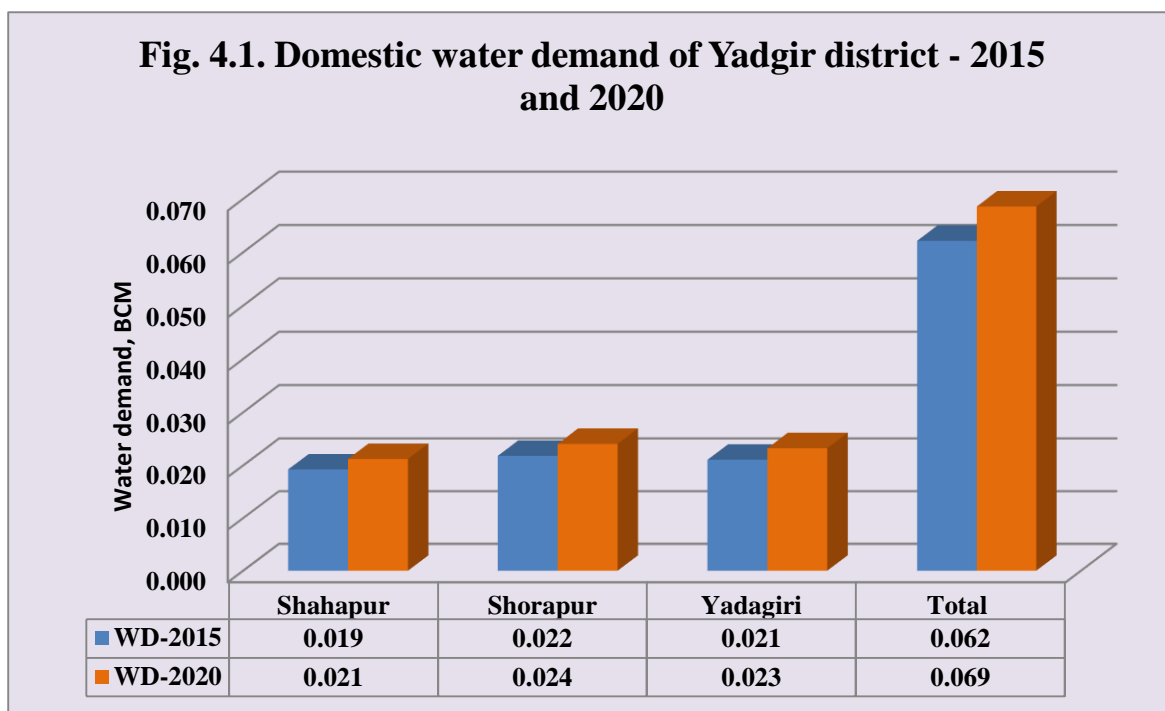
A number of factors like climate, culture, food habits, work and working conditions, level and type of development, and physiology determine the requirement of water. The per capita water requirement in urban areas is more than that in the rural areas. As per the Bureau of Indian Standards, IS:1172-1993, a minimum water supply of 200 litres per capita per day (lpcd) should be provided for domestic consumption in cities with full flushing systems. IS:1172-1993 also mentions that the amount of water supply may be reduced to 135 lpcd for the LIG and the economically weaker sections (EWS) of the society and in small towns [Modi, 1998].

During 2015, water requirements for domestic use in Shorapur and Yadgir taluks are relatively higher (0.02181897 to 0.02108167 BCM), while it is lower in taluk of Shahapur (0.0192433 BCM). The water requirements in these taluks corresponded to the prevalent population. For district as whole, water demand is 0.0621439 BCM in 2015 (Table 4.1). With projected growth of population of 20% during 2011 to 2020, the domestic water requirements in taluks of Yadgir followed the same trend (Table 4.1, Fig. 4.1).

Thus, domestic water requirement is projected at 0.0685666 BCM in 2020 from the present consumption level of 0.06214391 BCM during 2015 (Table 4.1, Fig. 4.1).

Table 4.1. Domestic water demand (BCM) of Yadgir district - 2015 and projected 2020

Blocks/ Taluks	Population in 2011	Water demand, BCM	Population in 2015	Water demand in 2015, BCM	Projected population, 2020	Projected water demand by 2020, BCM
Shahapur	363,621	0.01791743	390,528	0.01924327	430,890	0.02123211
Shorapur	412,291	0.02031564	442,800	0.02181897	488,564	0.02407399
Yadgir	398,359	0.01962914	427,837	0.02108167	472,055	0.02326051
Total	1,174,271	0.05786220	1,261,165	0.06214391	1,391,509	0.06856661



Water requirement for human being - 135 liters/head/day, lphd;

Domestic Water requirement/Demand in Billion cubic meter, BCM

= (Population X Water requirement, 135 lphd X 365 days)/ (1000 liters X 1,000,000,000)

Assumption: Increase in population during 2011 - 2021 is 20% similar to as that of decadal growth rate of population of 20.2% observed during 2001-2011.

{Source: Yadgir district at a glance 2013-14, Zilla Panchayat, Yadgir}

4.2. Water requirement for crops:

Field/horticultural/plantation crops grown in Yadgir district are maize, groundnut, sunflower (both in Kharif&rabi), cotton, bajra, Tur, black gram, green gram, cowpea, avare, safflower, horse gram, linseed, sesamum (in Kharif only), Bengal gram, wheat, (rabi only) (under agriculture), fruit crops, and vegetable crops. For calculation of water requirement of irrigated crops, following methodology and some assumptions have been used based on the recommendations of the NCA, 1976 and methodology suggested by Bhaskar et al. (2016).

Irrigation water requirement considered for calculation purpose for various crops are maize - 60 cm, bajra - 45 cm, red gram - 70 cm, groundnut - 45 cm, sunflower/other oilseeds - 40 cm, cowpea/green gram/other pulses - 40 cm, vegetable crops - 50 cm, and fruit crops - 60 cm. From this water requirement of various crops and the area of the crops grown under irrigation, irrigation water requirement for crops has been worked out.

Assumption - Rain water accounted for crop use is 50% of total rainfall occurring during the cropping season in Yadgir district, considering the soil type (vertisols, sandy clayey soils) and the intensity of rain. Rain water used for crops is deducted from the irrigation water requirement to get net water requirement for various crops.

Net water requirement of irrigated crops is relatively higher in Shorapur (0.2638321 BCM) and Shahapur taluks (0.1967325 BCM) in view of large area of various crops grown (rice, groundnut, wheat, tur, cotton). Whereas water requirement of rainfed crops is 0.44737 BCM in view of large under crops (bajra, tur, jowar, sunflower and bengal gram) in taluks of Shahapur and Yadgir. Water demand for total horticultural crops is 0.0133568 BCM for Yadgir district, of which major share goes to fruit crops (0.006839BCM). Further, water demand of total horticulture crops is more in Shahapur and Shorapur taluks as compared to Yadgir taluk. The projected water demand for total crops is also worked out for 2020, keeping 10% increase in irrigated area due to efficient rain water use, more under area and other means. For Yadgir district, the projected total water demand for crops is 1.51302 BCM by 2020 as compared to the present demand of 1.37547 BCM), which amounts to 10% increase (Table 4.2, Fig. 4.2, 4.3).

Table 4.2. Water requirement of horticulture and agricultural crops (BCM) in Yadgir district - 2014-15

Taluks	Fruit crops	Vegetable & other crops	Total – Horticulture crops#	Rainfed crops	Irrigated crops	Agriculture crops (Irrigated + Rainfed)	Total crops
	Net Water requirement, BCM						
Shahapur	0.001791	0.003245	0.005036	0.17424	0.38486	0.55910	0.56414
Shorapur	0.003426	0.001728	0.005154	0.10842	0.41257	0.52099	0.52614
Yadgir	0.001622	0.001545	0.003167	0.16471	0.11731	0.28202	0.28519
Total	0.006839	0.006518	0.013357	0.44737	0.914731	1.36210	1.37547
Projected for 2020 - 10% increase	0.007523	0.007170	0.014693	0.49211	1.00620	1.49831	1.51302

Water requirement for crops: Fruit crops - 60 cm, Vegetable crops - 50 cm, Maize - 60 cm, Pulses - 40 cm, Oilseeds - 40 cm, Groundnut - 45 cm, Tur - 70 cm, Jowar/wheat - 55 cm, Bajra - 45 cm; Irrigation water requirement, ha - cm = Area of the crop, ha X Water requirement of the crop, cm; One ha-cm = 1,00,000 liters or 100 cubic meters; Source: Yadgir district at a glance 2013-14; # - Includes plantation crops and flowers; Irrigation water requirement in BCM = {(Irrigation water requirement, ha-cm X 100)/100,000}

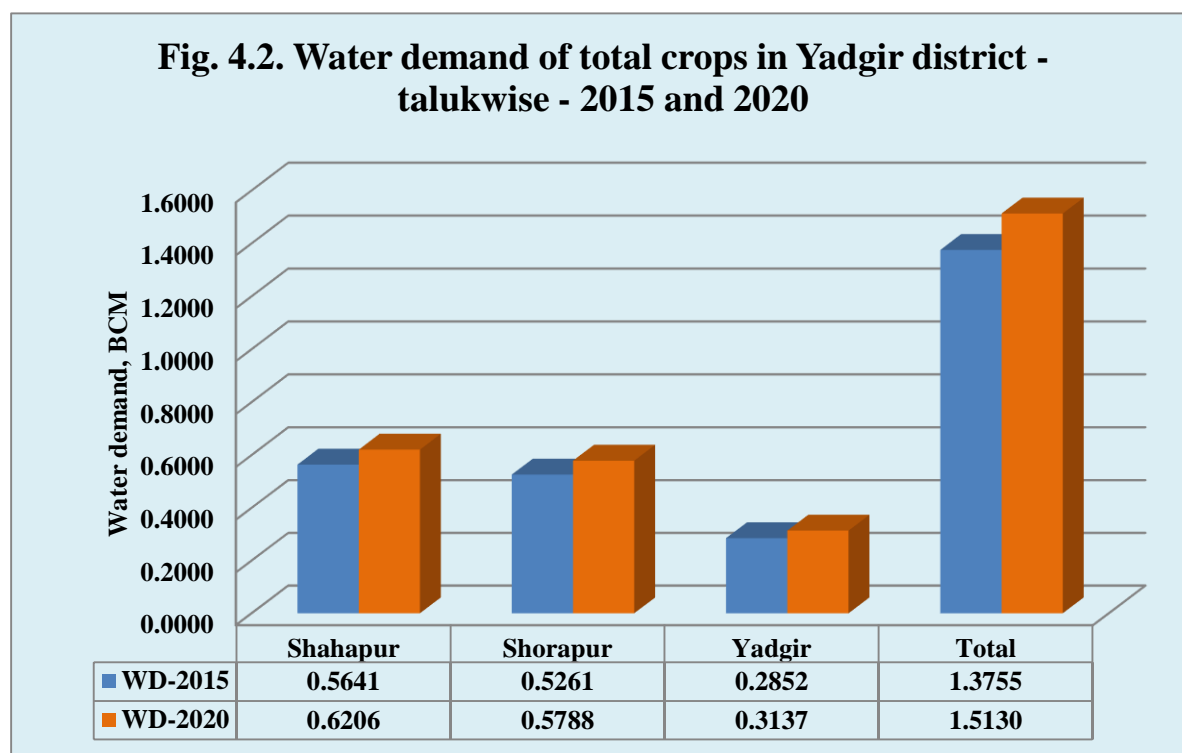
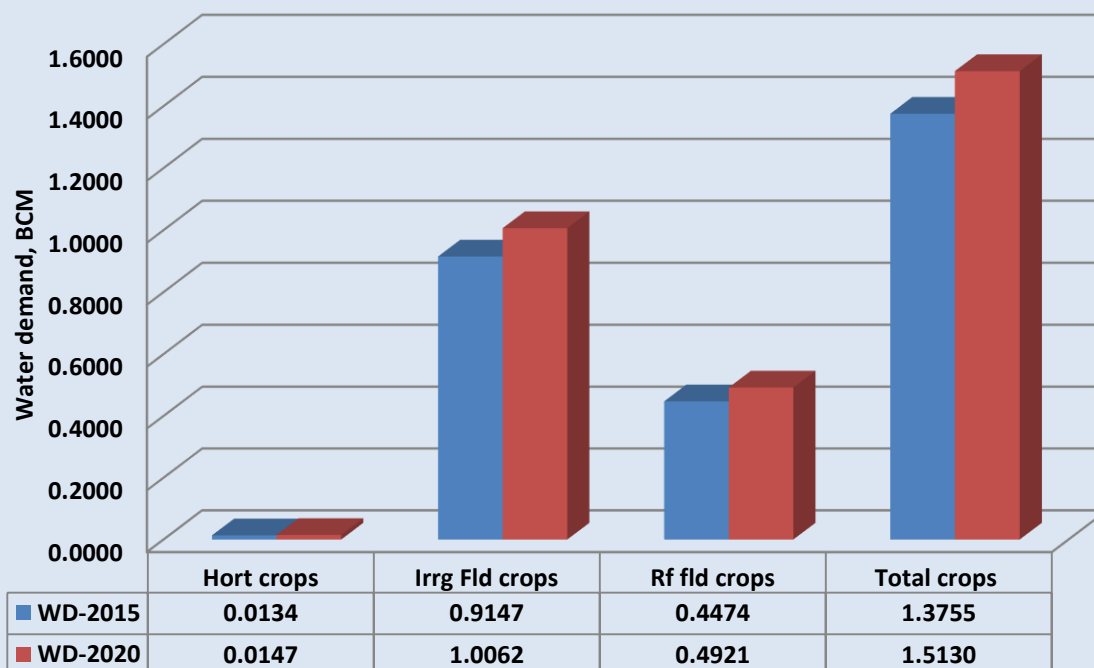


Fig. 4.3. Water demand of various crops in Yadgir district- 2015 and 2020



4.3. Water requirement of Livestock:

Livestock sector plays a significant role in rural economy of India. It contributes to 5% of total domestic gross product (DGP) and one fourth of total agricultural GDP (AgGDP). Livestock sector is unique in terms of providing employment opportunity particularly to two third of women workforce in India towards animal rearing. Livestock is an integral part of mixed farming of Indian agriculture. Both indigenous cattle and buffalo population registered an annual decline of 4.5 per cent and 4.3 per cent, respectively between 2007 and 2012 census periods, while that of crossbred cattle increased by 5.8 per cent (<https://www.Uttara%20Kannada/Livestock%20census%20Karnataka.pdf>).

Besides, contributing food and inputs (draught energy and manure) for crop production, livestock are important as savings or investments for the poor household and provide food security or insurance through various ways in different production systems. Rainfed regions support the highest number of

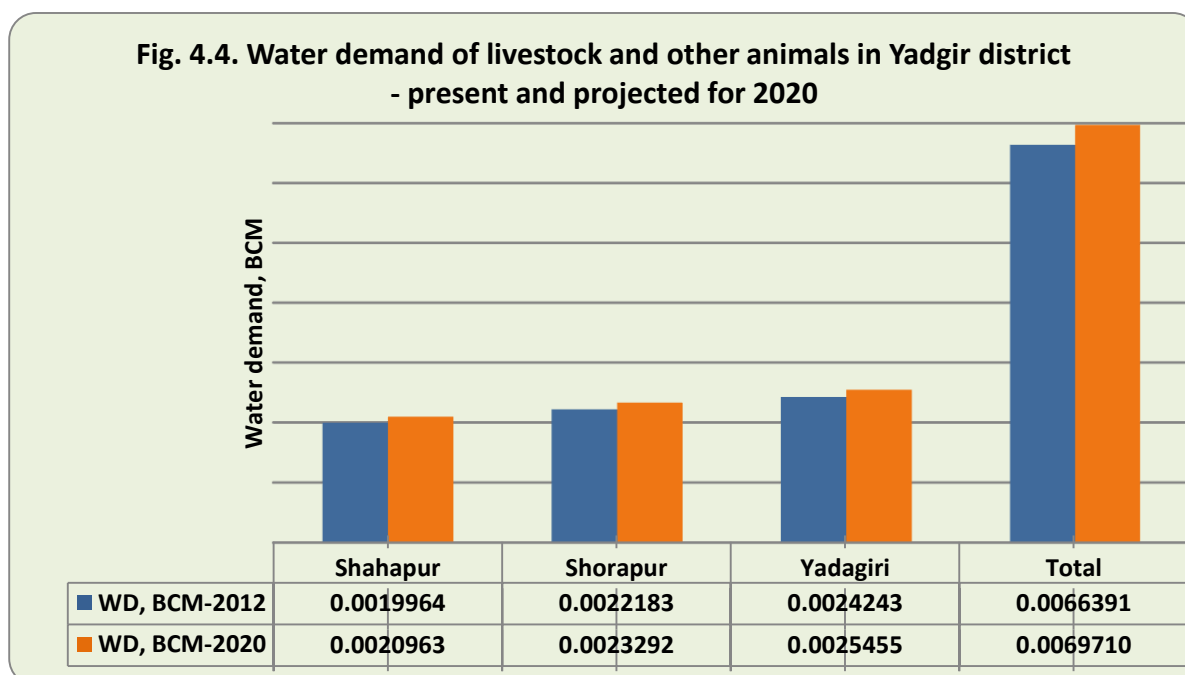
livestock units. Except buffalo and pigs, more than half of all livestock species (52.3 to 60.1%) are concentrated in the rainfed region. Even 43.1% of the total buffalo and 44.7% of pigs are reared in rainfed region. Irrigated region accounts for higher proportion of buffalo (43.1%) and except sheep it accounts for second highest population of all major livestock species. although the resource degradation in rainfed areas has been observed, various support programmes of the government are encouraging mixed farming to stabilize the income of the resource poor farmers of arid and semi-arid regions of the state. Considering these facts, increase in total population of the livestock has been maintained at 5% in 2020 as compared to earlier census of 2012 (Anjani Kumar and Singh, 2008).

Water requirement for livestock and other animals namely - indigenous cattle, cross bred cattle, draft animals/bulls/others, sheep, goats, pigs, duck, and poultry, have been calculated separately with the corresponding population for 2012. The projected water requirement for livestock population at 2020 has also been calculated separately for all live stocks. The total water requirement for live stocks for 2012 and projected for 2020 is provided taluk wise in Table 4.3.

Total population of livestock and other animals in Yadgir district is 14,24,772 during 2012 and their water requirement is 0.00663905 BCM. Considering the increase in the population of livestock at 5% from 2012 to 2020, their water demand would be 0.0069710 BCM with corresponding population of 1496,011 (Table 4.3, Fig. 4.4). Water demand of livestock is more in Yadgirtaluk followed by Shorapur and Shahapur taluks, as reflection of corresponding livestock population in these taluks.

Table 4.3. Water requirement of livestock and other animals in Yadgir district in 2012 and projected for 2020

Taluks	Water requirement of livestock, Billion cubic meters (BCM)			
	Population, 2012	Present Water requirement for 2012, BCM	Projected Population, 2020	Water requirement for 2020, BCM
Shahapur	415,024	0.0019964	435,775	0.0020963
Shorapur	513,534	0.0022183	539,211	0.0023292
Yadgir	496,214	0.0024243	521,025	0.0025455
Total	1424,772	0.0066391	1496,011	0.0069710



Water requirement for various livestock: liters/head/day, lphd: Indigenous cattle - 36 lit; Cross bred cattle/ Buffalo - 55 lit; Sheep/Goat - 3.5 lit; Pigs - 6.3 lit; Poultry - 0.3 lit; Dog - 1.8 lit; Duck - 1.0 lit; Others (Bull/He Buffalo/Others) - 55 lit

Water requirement is calculated based on water requirement for various livestock(s), BCM = {(Population of livestock * Water requirement for various livestock, lphd X 365 days)/1000*1000,000,000}

Source: Deputy Director, Department of Animal Husbandry and Veterinary Services, Yadgir, YadgirDistrict at a glance - 2013-14

Livestock population is projected to be increased by 5% between 2012 to 2020 census, due to encouragement in the government policies and more support for integrated farming systems. Though cattle population has decreased particularly in favour of indigenous cattle, this reduction is compensated with increase in the density of cross bred animals and other animals due to economic considerations.(Anjani Kumar and Singh, D.K. 2008, Livestock production systems in India: An appraisal across agro-ecological regions. Indian Journal of Agricultural Economics, 63(4): 577-597)

4.4. Water demand for Industry

Surface water is the major source of water for the industries in India (41%) followed by groundwater (35%) and municipal water (24%). With greater demand for water, water availability to Industries is becoming scarce and have to invest more for getting water. In addition, industries have to adopt conservation measures and reuse of water after treatment. The water available from waste water treatment is being used for gardening.

While inadequate availability of water is the major risk facing the industries (37%), others agree that poor water quality is another major risk in the running of business (14%). Sectors like pharmaceuticals, power, food processing and agriculture feel the brunt of poor water quality. High costs for obtaining water are hindering the business interest of smaller industries and the ones which are located in the drier regions of the country. Around 14 per cent of the respondents also feel that environmental changes over the past few decades have had an impact on freshwater availability. A realization is gradually emerging that rectifying measures needs to be taken by industries to augment freshwater through rainwater harvesting and wastewater treatment and reuse.

Indian industry is becoming responsive to the measures of water conservation. It is desirable that the shared responsibility of companies across sectors is to join hands with communities and governments to work on programmes for water conservation, recharge and wastewater treatment (FICCI, 2011).

In Yadgir district, only one sugar factory is located in Shahapur taluk and one railway coach factory in Yadgirtaluk. Total water demand at present (2015) for two industries is put at 0.001168 BCM during 2015. Whereas by 2020, four

more factories are likely to be added and the projected water demand would be 0.010293 BCM by 2020. The projected water demand is 8.8 times more than the present requirement, 0.001168 BCM (Table 4.4).

It is necessary to augment the requirement of fresh water by undertaking wastewater treatment and using it for horticulture, gardening, ash handling, washing of ore, flushing toilets, cleaning, fire-fighting and dust suppression activities. The industries must see a merit and an economical value in reusing wastewater for purposes where water quality is not an important criterion. There is need to take up water auditing to understand the complete water use pattern in their operations and look for water saving measures.

Table 4.4 Water demand of Industries (category wise) in Yadgir district - Present and future demand by 2020

Sl.No.	Name of the Industry	Water demand, BCM	
		2015	2020
	Sugar Industries		
	Shahapur Taluk		
1	Core Green Sugars and Fuels Ltd., Tumkur Village, Shahapur	0.0011315	0.0011315
	Yadgir Taluk		
2	Railway Coach Factory, Badiyal Village, Yadgir	0.0000365	0.0000365
3	Coco cola Pvt. Ltd., Kadechur, Yadgir	0	0.00146
4	Pharma Park, Kadechur, Yadgir	0	0.00438
5	Textile Park, Kadechur, Yadgir	0	0.00146
6	Kadechur Industrial area, Yadgir	0	0.001825
	Total	0.001168	0.010293

Information available on water requirement for sugar mills of Sindagi taluk has been used to generate water requirement for sugar Industry located at Yadgir. Here rain water harvesting measures are to be created in the premises of the industries to augment the water demand and also to recharge the bore well.

4.5. Water demand for power generation: In Yadgir district, there is no proposal for power generation for 2015 as well as in future.

4.6. Water demand for other public purposes: Water is also required to be provided in public places like schools, colleges, offices, public toilets, bus station, railway stations, theaters, hostels, hotels, restaurants, hospitals, nurses' homes and medical quarters, community hall and all other public places. Here, it is very difficult to work out the water demand for all these places, which require many parameters - number of person involved in each activity, type facility available, etc. It is assumed that 10% of domestic requirement is considered as water demand for these public places. The water demand for these public places amounted to 0.00621 BCM in 2015, where as the water demand would be 0.00686 BCM by 2020 (Table 4.5 and Fig 4.6).

4.7. Total water demand of the district for various sectors:

At present, water demand for all purposes in Yadgir district is 1.45163 BCM, of which major share goes to crops' demand of 1.37547 BCM (94.8%). The next share of water demand is for domestic purposes amounting to 0.0621439 BCM (4.3%). The water demand of livestock, industries and other purposes is around 0.9% of the total (Table 4.5, Fig. 4.5, 4.6). The projected water demand of various sectors for 2020 followed the same trend of 2015 and would be to the tune of 1.60571 BCM.

Fig. 4.5. Water demand of various sectors in Yadgir district - 2015

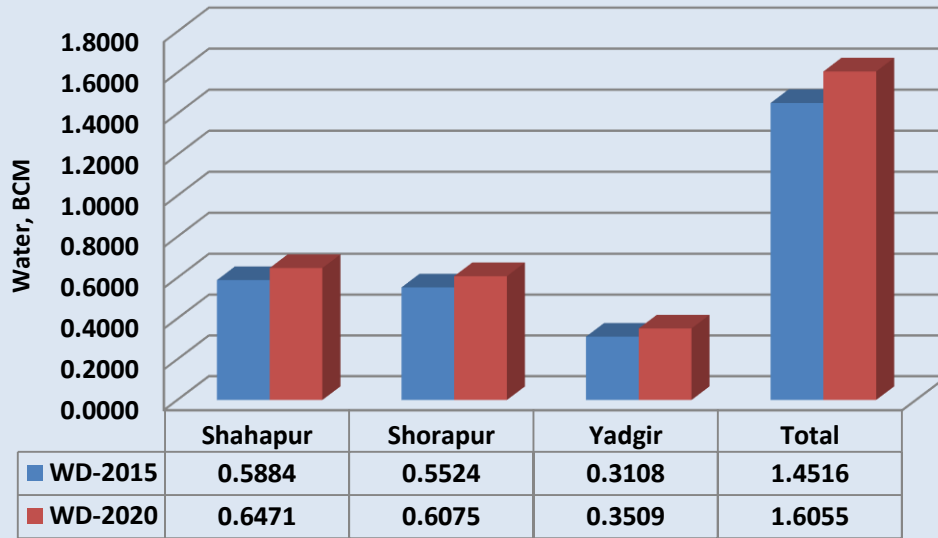


Fig. 4.6. Water demand of various sectors crop wise in Yadgir district - 2015 and 2020

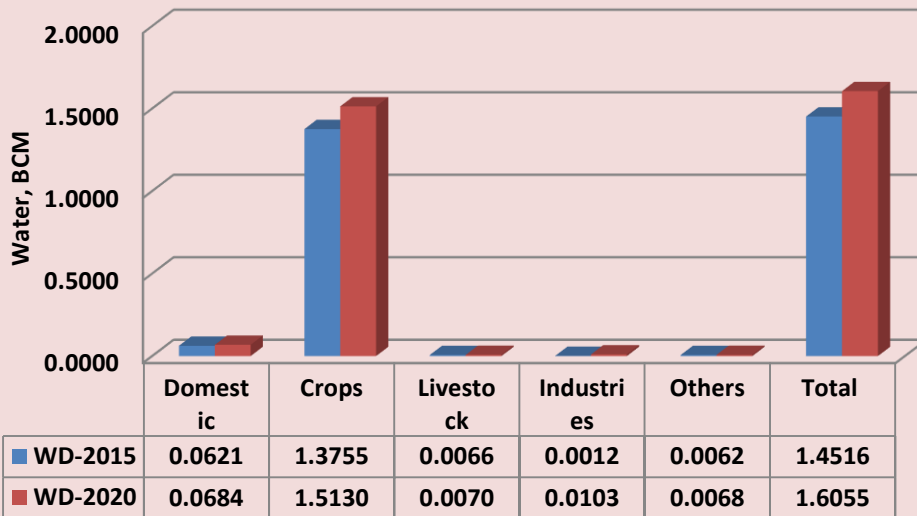


Table 4.5. Total water demand for various sectors in Yadgir district - present and projected demand for 2020

Taluks	Water demand at present (2015), BCM						
	Domestic	Crops (Irrigated + Rainfed)	Livestock	Industries	Power generation	Other public places	Total water demand, BCM
Shahapur	0.01924	0.56414	0.00200	0.00113	0	0.00192	0.58844
Shorapur	0.02182	0.52614	0.00222	0.00000	0	0.00218	0.55236
Yadgir	0.02108	0.28519	0.00242	0.00004	0	0.00211	0.31084
Total	0.06214	1.37547	0.00664	0.00117	0	0.00621	1.45164
Taluks	Water demand for 2020, BCM						
Shahapur	0.02117	0.62055	0.00210	0.00113	0	0.00212	0.64707
Shorapur	0.02400	0.57875	0.00233	0.00000	0	0.00240	0.60748
Yadgir	0.02319	0.31371	0.00255	0.00916	0	0.00232	0.35093
Total	0.06836	1.51302	0.00697	0.01029	0	0.00684	1.60548

NOTE: Assumption - Increase in population is 20%, crops by 10% between 2011 to 2020, livestock by 5% between 2012 to 2020, Industrial use - 30% between 2015 to 2020, Power generation - Not proposed

4.8. Water budgeting: Total water available from surface water (canals, tanks lift irrigation and other sources -3.13002 BCM) and groundwater (0.33559 BCM) is 3.46561 BCM. The surface water accounted for 90.3%, where as ground water accounts for 9.7%. Thus, total water availability for the district from all sources at present is 3.46561 BCM, which is more than the present requirement (2015) of 1.451635 BCM (Table 4.6, Fig. 4.7, 4.8). There is a balance of water available, amounting to 2.013975 BCM, which would be adequate to meet the future demand (2020) of 1.605701 BCM.

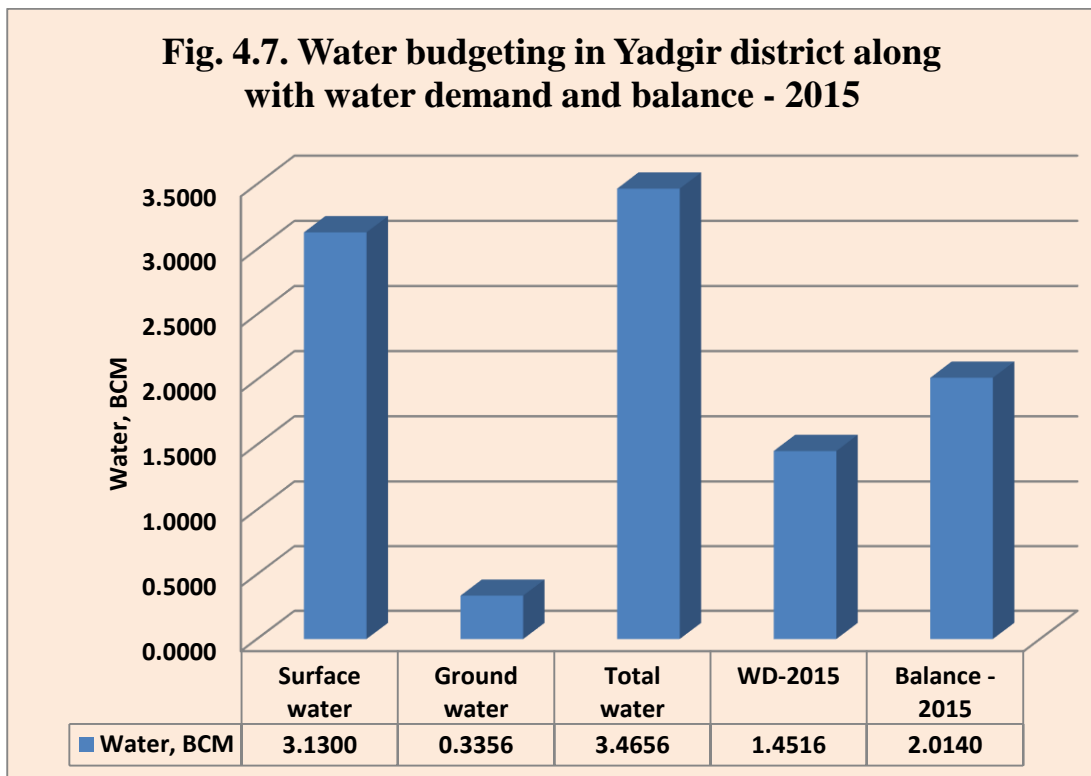


Fig. 4.8. Water budgeting in Yadgir district along with water demand and balance - 2020

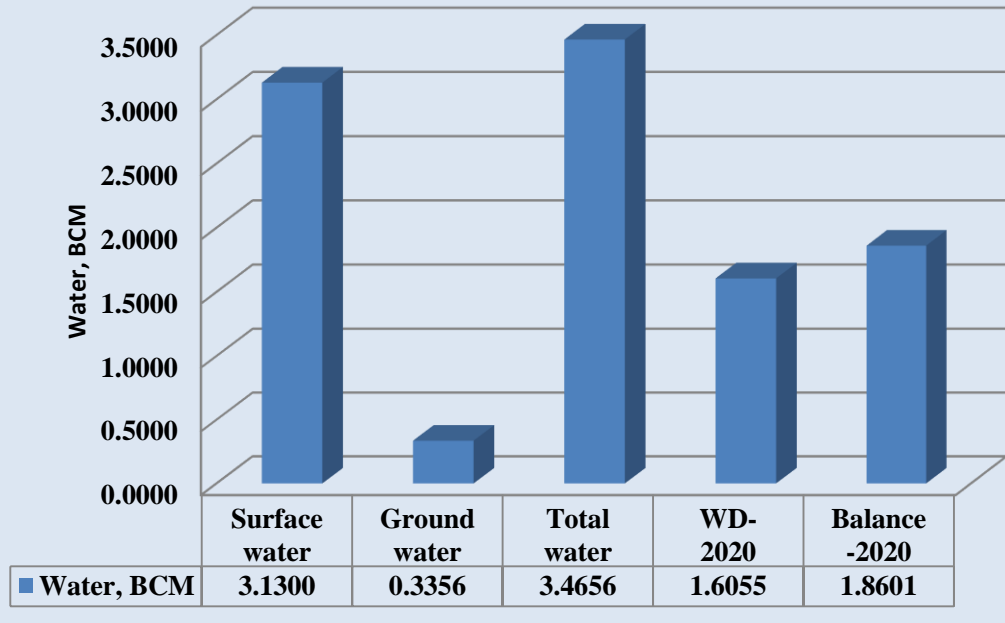


Table 4.6. Water budgeting for Yadgir district - available, demand and water balance – present (2015) and projected for 2020

Taluks	Net underground water available, BCM (CGWB)##	Water available from Major, Medium canals & lift irrigation, BCM		Total water available from various sources, BCM
	2	3		4
Shahapur	0.14692	3.13002		3.46561
Shorapur	0.11898			
Yadgir	0.06969			
Total	0.33559	3.13002#		3.46561
Taluks	Total water demand for various sectors, BCM - 2015	Water balance available after meeting all demand- 2015, BCM	Projected demand for various sectors, BCM - 2020	Water balance available after meeting all demand- 2020, BCM
	5	6	10	11
Shahapur	0.588436	2.013975	0.64707	1.86013
Shorapur	0.5523591		0.60748	
Yadgir	0.3108412		0.35093	
Total	1.4516353	2.013975	1.60548	1.86013

- CGWB - Central Ground Water Board, 2013 for Yadgir district - Net underground water available; # - Information from Executive Engineer, KBJNL, Dam Division, Narayanpur.

CHAPTER V

STRATEGIC ACTION PLAN

Yadgir district is the second smallest district in the state and very rich in cultural traditions. The vast stretch of fertile black soil of the district is known for bumper red gram and jowar crops. The district is a “Daal bowl” of the state. The district is also known for cluster of cement industries and a distinct stone popularly known as “Malakheda Stone”. The district is having one revenue sub-division viz. Yadgir. There are 03 revenue blocks in the district viz., Shahapur, Shorapur and Yadgir. The district consists of 16 hoblis, One City municipal, 3 Town Municipal, 1 Town Panchayat, 3 Taluk Panchayats, 117 Grama Panchayats, 4 Assembly constituencies. There are 519 village (487 inhabited and 32 uninhabited). As per 2011 Census, the total population of the district is 11,74,271 comprising, 5,90,329 male and 5,83,942 female population. The percentage of male and female population is 50.27 and 49.73, respectively.

The geographical area of the district is 5.16 lakh ha. The net area sown is 3.39 lakh ha, about 0.79 lakh ha is sown more than once and the cropping intensity works out to 123.3 %. Yadgir district lies in the northern plains of Karnataka and has semi arid type of climate. Dry climate prevails for most part of the year. The southwest monsoon sets in the middle of June and extends till the end of September. Bulk of the annual rainfall occurs during this season, which constitutes over 77% of the annual rainfall. Significant rainfall occurs during the winter monsoon owing to north eastern monsoon, which constitutes 7% of the annual rainfall. Normal Rainfall of the district is around 818 mm. December is the coldest month with mean daily maximum and minimum temperatures being 29.5°C & 15° to 10°C, respectively. During peak summer, temperature shoots up to 45°C. Relative humidity varies from 26% in summer to 62% in winter.

Principal agriculture crops grown in Yadgir district are paddy, jowar, bajra, tur, greengram, Bengalgram, groundnut, sunflower, safflower, cotton and sugarcane. The total area that is being cultivated under agriculture crops is 377846 ha. Area of crops grown under irrigation is 178250 ha (47.87 %) and crops grown under rainfed conditions is 135234 ha (52.13 %). Area covered during Kharif season is 236600 ha (62.62 %), of which 104274 ha (27.60 %) is under irrigation and 132326 ha (35.02%) is under rainfed condition. During rabi Season, field crops are cultivated in an area of 115308ha (30.52%), comprising 53926 ha (14.27 %) under irrigated and 61382 ha (16.25%) under rainfed condition. During summer season field crops are cultivated in an area of 25938 ha (7.66 %) under irrigation.

In the district, Horticultural crops are cultivated total area of 3680 ha. Under irrigated condition, horticultural crops are cultivated in an area of 2831 ha (76.93%) and under rainfed conditions, it is being cultivated on an area of 849 ha (23.07%).

Drainage Krishna and Bhima Rivers drain the district. They constitute the two major river basins of the district. Kagna and Amarja are the two sub - basins of Bhima River, which occur within the geographical area of the district. About 75% of the geographical area of the district is under cultivation. Irrigation through dug wells is more prevalent in Yadgir taluk, whereas, irrigation in Shorapur and Shahpur taluks is through canal of Upper Krishna Project.

The total irrigated area in Shorapur and Shahapur taluks are respectively 77172 ha and 61639 ha. Canals, open wells, tube wells and lift irrigation have been the major source of irrigation in the district. Yadgir taluk has a smaller percentage of irrigated area accounting for 25491 ha. The whole district has 164302 ha of irrigated area, which is 55 per cent of the net sown area. The average irrigation intensity in the district is around 109%, indicating the non availability of irrigation for second season for most of the cultivated land.

Out of three taluks of the district, Shahapur and Yadgir taluks are 100 per cent SAFE for ground water exploitation, whereas in Shorapur taluk, very small percentage of the entire area is categorized as over exploited, while the maximum area of these taluks are safe for further ground water exploitation.

The total water availability for the district from all sources at present is 3.46561 BCM, which is more than the present requirement (2015) of 1.4516353 BCM (Chapter IV). There is a balance of water available, amounting to 2.013975 BCM, which would be adequate to meet the future demand (2020) of 1.60548 BCM.

There is lot of scope for further development of ground water resource. Based on the annual ground water availability for future irrigation use it is proposed that the ground water development structures viz. dug wells, dug cum bore wells and bore wells can be constructed in the entire district, since a marginal portion of the district area in Shorapur taluk is categorised as semi-critical and over exploited. However, water conservation and artificial recharge, as well as in non-command areas. Further, it is also suggested that, proper maintenance of existing tanks through desilting and construction of additional percolation tanks will help in recharging the phreatic zone.

In this background, drawing up of district irrigation plan on holistic basis derives great importance for considering all water resources of the district. Since many decades, more importance was given to construct reservoirs and provide canal irrigation to improve the performance of agriculture in the country. But, importance was not given to rationalise and regulate the use of ground water, even though ground water is more than 50 per cent of national water resource. Similarly, desirable focus was not given in harvesting the surface flown rain water for its efficient. Adoption of micro irrigation is known to save substantial water,

which can help increasing the irrigated area. Adoption of micro irrigation technology is still not very popular among the farmers and needs encouragement in all respects.

The district level action plan is prepared as a part of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) for Yadgir district duly considering the available surface as well as ground water resources in the district for sustainable water management. PMKSY-DIP irrigation plan envisages a total of 116257 ha of area to be brought under irrigation through surface and ground water sources by creating new water harvesting structures and using water saving irrigation system like micro irrigation. The total estimated cost for DIP under PMKSY is Rs. 197302.30 lakh.

The forth coming Strategic Action Plan, prepared for each taluk separately, will have to include the irrigation infrastructure for major irrigation, minor irrigation, ground water recharge, harvesting of rain water, improvement of irrigation efficiency and strengthening the adoption of micro-irrigation in the district.

The district level action plan is prepared as a part of Pradhan Mantri Krishi Sinchayee Yojana (PMKSY) for Yadgir district duly considering the available surface as well as ground water resources in the district for sustainable water management. PMKSY-DIP irrigation plan envisages a total of 116257ha of area to be brought under irrigation through surface and ground water sources by creating new water harvesting structures and using water saving irrigation system like micro irrigation. The total estimated cost for DIP under PMKSY is Rs. 197302.30 lakh.

5.2: Taluk Plans

Taluk-wise strategic action plans suggested for district irrigation plans under PMKSY are presented in Tables 5.1 through 5.12.

Table 5.1: PMKSY-DIP Strategic Action Plan For Yadgir Taluk

Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (cum)	Command Area/Irrigation Potential (Ha)	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Budget requirement (Rs in lakh)
MoWR-Minor Irri	AIBP	Construction of Anicut/ Bridge and Barrage	7	646	323	323	323	323	323	1615
MoWR	AIBP	Lining of FIC works under Sannath lift Iri Scheme- Maj irrigation		0	437.37	437.37	437.37	437.37	437.37	2186.85
MoWR-CADA	AIBP	On farm devel, construction of field channels, surface drainage, etc	0	0	774.368	774.368	774.368	774.368	774.368	3871.84
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Medium	78.63 x 10 ⁶ Cum	12000	6940	6940	6940	6940	6940	34700
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	8 Tank filling	23.66 x 10 ⁶ Cum	4428	1018	1018	1018	1018	1018	5090
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	21 tank filling	16.14 x 10 ⁶ Cum	2280	760	760	760	760	760	3800

MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Maintaince of canal			60.48	60.48	60.48	60.48	60.48	302.4
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Upgradation of Yadgir & Joladadagi-Gudur barrage	42.79 x 10 ⁶ Cum	3791	2000	2000	2000	2000	2000	10000
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Sonthi, Yadgir and Joladadagi-Gudur Barrage	3	-	225	225	225	225	225	1125
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Improvement to Intake Canal	149.01 x 10 ⁶ Cum	1500	500	500	500	500	500	2500
MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	AIBP	Electrical bills of Jackwell cum pumphouse	-	-	40	40	40	40	40	200
MOWR (MI)	Har Khet Ko Pani	RRR of Water Bodies	90	7,548.84	1028.6	1028.6	1028.6	1028.6	1028.6	5,143.00
MoA & FW-DAC & FW-Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Sprinkler	22500	9000	810	810	810	810	810	4050

MoA & FW- DAC & FW- Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Drip	2600	2600	338	338	338	338	338	338	1690
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of new Farm ponds	625	625	87.4	87.4	87.4	87.4	87.4	87.4	437
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of new Check Dams	60	120	30	30	30	30	30	30	150
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of new Nallah Bunds	9	18	4	4	4	4	4	2	18
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of new Percolation Tanks	8	0	3	3	3	3	3	3	15
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of other Ground water recharge Structures	25	0	5	5	5	5	5	5	25
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Renovation of farm ponds	1250	1250	175	175	175	175	175	175	875
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Renovation of Check dams	240	480	120	120	120	120	120	120	600
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Renovation of Nallah bunds	35	70	14	14	14	14	14	14	70
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Renovation of Percolation tanks	30	0	12	12	12	12	12	12	60

DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Renovation of Other G/W recharge structures	125	0	25	25	25	25	25	25	125
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Construction of Field bunds	27600	0	358.8	358.8	358.8	358.8	358.8	358.8	1794
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Farm forestry	955	0	14	14	14	14	14	14	70
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Dry land horticulture	5000	0	200	200	200	200	200	200	1000
DoLR-MoRD -Agriculture Dept	PMKSY Watershed	Agro forestry	3500	0	42	42	42	42	42	42	210
TOTAL				46356.84	16345.018	16345.018	16345.018	16345.018	16343.018	81723.09	

Note 1: Numbers of water harvesting structures (farm ponds, check dams and Nallah bunds) and other activities as well as their costs proposed in the plan are according to the information provided by the JDA, Yadgirdistrict.

Fig 5.1 Irrigation Potential Created (ha)

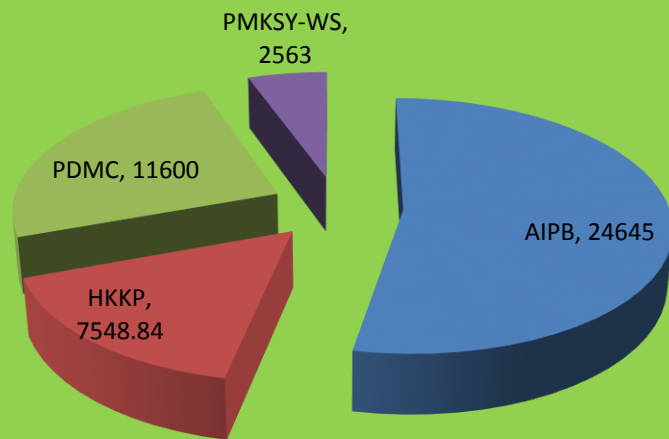


Fig 5.2 Budget requirement (Rs in Lakh)

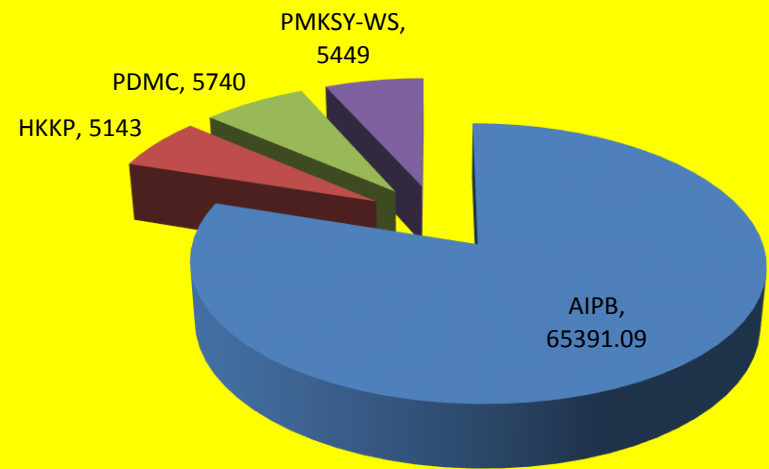


Table 5.2: PMKSY-DIP Strategic Action Plan for Shahapur Taluk

Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity (cum)	Command Area/Irrigation Potential (Ha)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Budget requirement (Rs in Lakh.)
MoWR-Minor Irri	AIBP	Construction of Anicuts/Bridge cum Barrages	14	1170	573	573	573	573	573	2865
MoWR	AIBP	Lining of FIC works under Malaprabha - Maj irrigation		0	440	440	440	440	440	2200
MoWR-CADA	AIBP	Construction of field intermediate and linked drains, Surface and sub-surface drainage, micro irrigation	0	6275	4271.798	4271.798	4271.798	4271.798	4271.798	21358.99
MoWR-Narayanpur Irri	AIBP	Work on Bhima Flank	1	16572	4300	4300	4300	4300	4300	21500
MoWR	AIBP	Work on MLIS	1	3000	2600	2600	2600	2600	2600	13000
MoWR	AIBP	Work on Kongandi lift	1	4850	511	511	511	511	511	2555
DoLR-MoRD - PRED Yadgir divin	Covergence with MGNREGA	Providing Piped drinking water/Mini water supply Scheme	17	0	51.2	51.2	51.2	51.2	51.2	256
MOWR (MI)	Har Khet Ko Pani	RRR of Water Bodies	24	1261.31	99.6	99.6	99.6	99.6	99.6	498

MoA & FW-DAC & FW-Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Sprinkler	16300	7300	587.8	587.8	587.8	587.8	587.8	2939
MoA & FW-DAC & FW-Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Drip	2100	2100	273	273	273	273	273	1365
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Farm ponds	750	750	105	105	105	105	105	525
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Check Dams	38	76	18.8	18.8	18.8	18.8	18.8	94
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Nallah Bunds	5	10	2	2	2	2	2	10
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Percolation Tanks	7	0	2	4	4	3	2	15
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of other recharge Structures	10	0	2	2	2	2	2	10
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Farm pond	1500	1500	210	210	210	210	210	1050
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Check Dams	150	300	75	75	75	75	75	375
DoLR-MoRD -Agric. Dept	PMKSY Watershed	Renovation of Nallah Bunds	20	40	8	8	8	8		40

DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Percolation Tanks	30	0	12	12	12	12	12	60
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Other Ground water recharge Structures	50	0	10	10	10	10	10	50
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of field bunds	20475	0	266.2	266.2	266.2	266.2	266.2	1331
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Farm forestry	764	0	11.2	11.2	11.2	11.2	11.2	56
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Dry land Horticulture	3000	0	120	120	120	120	120	600
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Agro forestry	2500	0	30	30	30	30	30	150
TOTAL				45204.31	14579.598	14581.598	14581.598	14580.598	14571.598	72902.99

Note 1: Numbers of water harvesting structures (farm ponds, check dams and Nallah bunds) and other activities as well as their costs proposed in the plan are according to the information provided by the JDA, Yadgir District.

Fig 5.3 Irrigation Potential Created (ha)

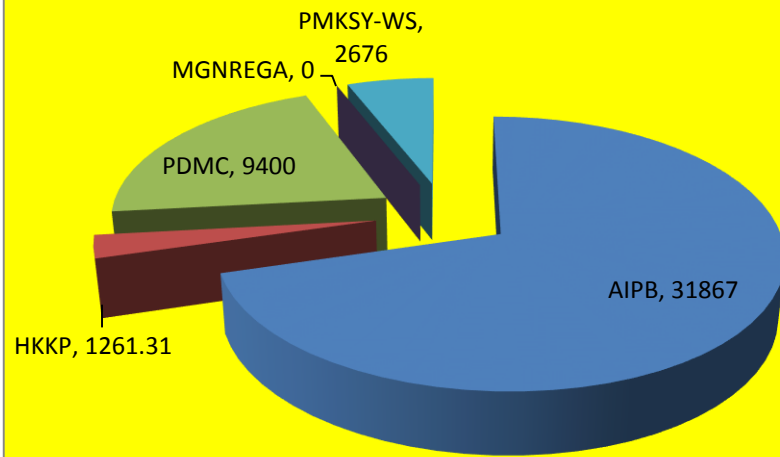


Fig 5.4 Budget requirement (Rs in Lakh)

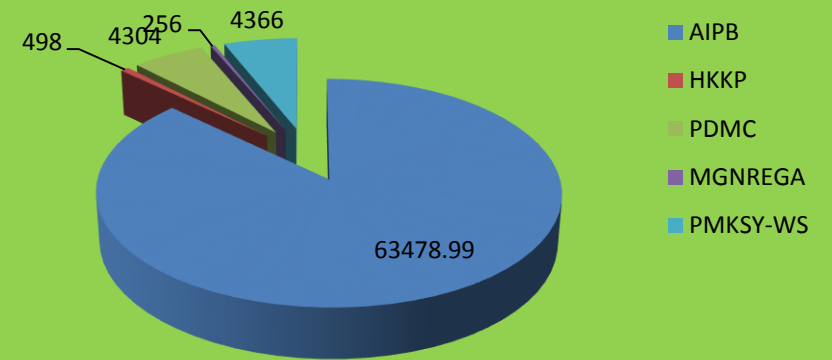


Table 5.3: PMKSY-DIP Strategic Action Plan forShorapur Taluk

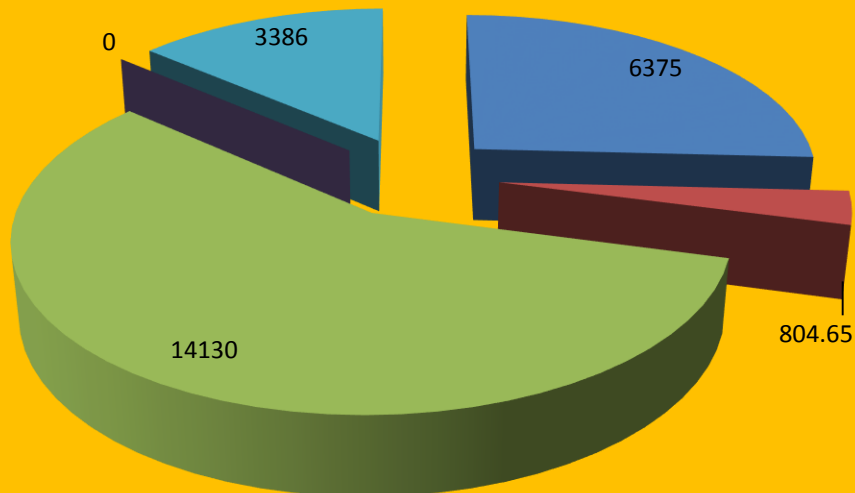
Concerned Ministry/ Department	Component	Activity	Total Number/ Capacity(cum)	Command Area/Irrigation Potential (Ha)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total Estimated cost (Rs in Lakh)
MoWR-Minor Irri	AIBP	Construction of Percolation tank	1	0	50	50	50	50	50	250
MoWR-Minor Irri	AIBP	Providing express Feeder power line to Devapur LIS	1	100	40	40	40	40	40	200
MoWR-KBJNL Narayanpur dam	AIBP	Renovation and Modernization	0	0	363.806	363.806	363.806	363.806	363.806	1819.03
MoWR-CADA	AIBP	Construction of field intermediate and linked drains, Surface and sub-surface drainage, micro irrigation	0	0	3978.244	3978.244	3978.244	3978.244	3978.244	19891.22
MoWR	AIBP	Construction of MLIS-3	3	6275	2000	2000	2000	2000	2000	10000
DoLR-MoRD - PRED Yadgir divin	Convergence with MGNREGA	Providing Piped drinking water/Mini water supply Scheme	39	0	148.8	148.8	148.8	148.8	148.8	744

MOWR (MI)	Har Khet Ko Pani	RRR of Water Bodies	15	804.65	77	77	77	77	77	385
MoA & FW-DAC & FW- Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Sprinkler	15900	12230	2862	2862	2862	2862	2862	2862
MoA & FW-DAC & FW- Agri Dept	PerDrop More Crop (Micro Irri)	DPAP- Drip	1900	1900	247	247	247	247	247	1235
DoLR- MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Farm ponds	950	950	133	133	133	133	133	665
DoLR- MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Check Dams	47	94	23.6	23.6	23.6	23.6	23.6	118
DoLR- MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Nallah Bunds	6	12	2	2	2	2	4	12
DoLR- MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Percolation Tanks	9	0	4	4	4	4	2	18
DoLR- MoRD - Agriculture Dept	PMKSY Watershed	Construction of new Ground water recharge Structures	11	0	2	2	2	2	3	11
DoLR-MoRD -Agri. Dept	PMKSY Watershed	Renovation of Farm pond	1900	1900	266	266	266	266	266	1330

DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Check Dams	190	380	95	95	95	95	95	475
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Nallah Bunds	25	50	10	10	10	10	10	50
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Percolation Tanks	35	0	14	14	14	14	14	70
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Renovation of Other Ground water recharge Structures	55	0	11	11	11	11	11	55
DoLR-MoRD - Agriculture Dept	PMKSY Watershed	Construction of Field bunds	20400	0	265.2	265.2	265.2	265.2	265.2	1326
DoLR-MoRD – Agric. Dept	PMKSY Watershed	Farm forestry	955	0	14	14	14	14	14	70
DoLR-MoRD – Agri.Dept	PMKSY Watershed	Dry land Hoerticulture	5000	0	200	200	200	200	200	1000
DoLR-MoRD – Agri. Dept	PMKSY Watershed	Agro forestry	1500	0	18	18	18	18	18	90
ALL				24695.65	10824.65	10824.65	10824.65	10824.65	10825.65	42676.25

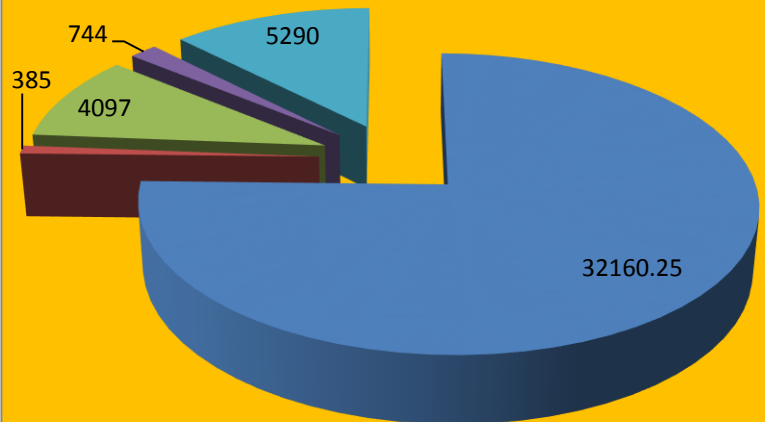
Note 1: Numbers of water harvesting structures (farm ponds, check dams and Nallah bunds) and other activities as well as their costs proposed in the plan are according to the information provided by the JDA, Yadgir District

Fig 5.5 Irrigation Potential Created (ha)



AIPB HKKP PDMC MGNREGA PMKSY-WS

Fig 5.6 Budget requirement (Rs in Lakh)



AIPB HKKP PDMC MGNREGA PMKSY-WS

5.3. District Irrigation Plan by Components

Table 5.4: District Irrigation Plan -Component: AIBP

Taluk	Concerned Ministry/ Department	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential (Ha)	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Total Estimated cost (Rs in lakh)
Yadgir	MoWR-minor Irri	Construction of Anicut/ Bridge and Barrage	7	646	323.0	323.0	323.0	323.0	323.0	1615.0
Yadgir	MoWR	Lining of FIC works under Sannath lift Iri Scheme- Maj irrigation		0	437.4	437.4	437.4	437.4	437.4	2186.9
Yadgir	MoWR-CADA	On farm devel, construction of field channels, surface drainage, etc	0	0	774.4	774.4	774.4	774.4	774.4	3871.8
Yadgir	MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	Medium	78.63 x 10 ⁶ Cum	12000	6940.0	6940.0	6940.0	6940.0	6940.0	34700.0

Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	8 Tank filling	23.66 x 10 ⁶ Cum	4428	1018.0	1018.0	1018.0	1018.0	1018.0	5090.0
Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	21 tank filling	16.14 x 10 ⁶ Cum	2280	760.0	760.0	760.0	760.0	760.0	3800.0
Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	Maintaince of canal			60.5	60.5	60.5	60.5	60.5	302.4
Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	Upgradation of Yadgir & Joladadagi-Gudur barrage	42.79 x 10 ⁶ Cum	3791	2000.0	2000.0	2000.0	2000.0	2000.0	10000.0
Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	Sonthi, Yadgir and Joladadagi-Gudur Barrage	3	-	225.0	225.0	225.0	225.0	225.0	1125.0

Yadgir	MoWR-KBJNL, Sonthi L.I.Division , Khanapur Camp	Improvement to Intake Canal	149.01 x 10 ⁶ Cum	1500	500.0	500.0	500.0	500.0	500.0	2500.0
Yadgir	MoWR-KBJNL, Sonthi L.I.Division, Khanapur Camp	Electrical bills of Jackwell cum pumphouse	-	-	40.0	40.0	40.0	40.0	40.0	200.0
Shahapur	MoWR-Minor Irri	Constuction of Anicuts/Bridge cum Barrages	14	1170	573.0	573.0	573.0	573.0	573.0	2865.0
Shahapur	MoWR	Lining of FIC works under Malaprabha - Maj irrigation		0	440.0	440.0	440.0	440.0	440.0	2200.0
Shahapur	MoWR-CADA	Construction of field intermediate and linked drains, Surface and sub-surface drainage, micro irrigation	0	6275	4271.8	4271.8	4271.8	4271.8	4271.8	21359.0
Shahapur	MoWR-Narayanpur Irri	Work on Bhima Flank	1	16572	4300.0	4300.0	4300.0	4300.0	4300.0	21500.0
Shahapur	MoWR	Work on MLIS	1	3000	2600.0	2600.0	2600.0	2600.0	2600.0	13000.0
Shahapur	MoWR	Work on Kongandi lift	1	4850	511.0	511.0	511.0	511.0	511.0	2555.0
Shorapur	MoWR-Minor Irri	Construction of Percolation tank	1	0	50.0	50.0	50.0	50.0	50.0	250.0
Shorapur	MoWR-Minor Irri	Providing express Feeder power line to Devapur LIS	1	100	40.0	40.0	40.0	40.0	40.0	200.0

Shorapur	MoWR-KBJNL Narayanpur dam	Renovation and Modernization	0	0	363.8	363.8	363.8	363.8	363.8	1819.0
Shorapur	MoWR- CADA	Construction of field intermediate and linked drains, Surface and sub- surface drainage, micro irrigation	0	0	3978.2	3978.2	3978.2	3978.2	3978.2	19891.2
Shorapur	MoWR	Construction of MLIS-3	3	6275	2000.0	2000.0	2000.0	2000.0	2000.0	10000.0
Total				62887	32206.1	32206.1	32206.1	32206.1	32206.1	161030.3

Table 5.5: District Irrigation Plan -Component: Har Khet Ko Pani

Taluk	Concerned Ministry/ Department	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential (Ha)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total Estimated cost (Rs in lakh)
Yadgir	MOWR (MI)	RRR of Water Bodies	90	7,548.84	1028.6	1028.6	1028.6	1028.6	1028.6	5,143.00
Shahapur	MOWR (MI)	RRR of Water Bodies	24	1261.31	99.6	99.6	99.6	99.6	99.6	498
Shorapur	MOWR (MI)	RRR of Water Bodies	15	804.65	77	77	77	77	77	385
Total				9,614.80	1,205.20	1,205.20	1,205.20	1,205.20	1,205.20	6,026.00

Table 5.6: District Irrigation Plan -Component: Per Drop More Crop

Taluk	Concerned Ministry/ Department	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential (Ha)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total Estimated cost (Rs in lakh)
Yadgir	MoA & FW-DAC & FW-Agri Dept	DPAP-Sprinkler	22500	9000	810	810	810	810	810	4050
Yadgir	MoA & FW-DAC & FW-Agri Dept	DPAP- Drip	2600	2600	338	338	338	338	338	1690
Shahapur	MoA & FW-DAC & FW-Agri Dept	DPAP-Sprinkler	16300	7300	587.8	587.8	587.8	587.8	587.8	2939
Shahapur	MoA & FW-DAC & FW-Agri Dept	DPAP- Drip	2100	2100	273	273	273	273	273	1365
Shorapur	MoA & FW-DAC & FW-Agri Dept	DPAP-Sprinkler	15900	12230	2862	2862	2862	2862	2862	2862
Shorapur	MoA & FW-DAC & FW-Agri Dept	DPAP- Drip	1900	1900	247	247	247	247	247	1235
Total				35130	5117.8	5117.8	5117.8	5117.8	5117.8	14141

Table 5.7: District Irrigation Plan -Component: Convergence with MGNREGA

Taluk	Concerned Ministry/ Department	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential (Ha)	1st Year	2nd Year	3rd Year	4th Year	5th Year	Total Estimated cost (Rs in lakh)
Shahapur	DoLR-MoRD - PRED Yadgir divin	Providing Piped drinking water/Mini water supply Scheme	17	0	51.2	51.2	51.2	51.2	51.2	256
Shorapur	DoLR-MoRD - PRED Yadgir divin	Providing Piped drinking water/Mini water supply Scheme	39	0	148.8	148.8	148.8	148.8	148.8	744
Total				0	200	200	200	200	200	1000

Table 5.8: District Irrigation Plan -Component: PMKSY-Watershed

Taluk	Concerned Ministry/ Department	Activity	Total Number/Capacity(cum)	Command Area/Irrigation Potential (Ha)	1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	Estimated cost (Rs in lakh)
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of new Farm ponds	625	625	87.4	87.4	87.4	87.4	87.4	437
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of new Check Dams	60	120	30	30	30	30	30	150
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of new Nallah Bunds	9	18	4	4	4	4	2	18
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of new Percolation Tanks	8	0	3	3	3	3	3	15
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of other Ground water recharge Structures	25	0	5	5	5	5	5	25
Yadgir	DoLR-MoRD – Agric. Dept	Renovation of farm ponds	1250	1250	175	175	175	175	175	875

Yadgir	DoLR-MoRD - Agriculture Dept	Renovation of Check dams	240	480	120	120	120	120	120	600
Yadgir	DoLR-MoRD - Agriculture Dept	Renovation of Nallah bunds	35	70	14	14	14	14	14	70
Yadgir	DoLR-MoRD - Agriculture Dept	Renovation of Percolation tanks	30	0	12	12	12	12	12	60
Yadgir	DoLR-MoRD - Agriculture Dept	Renovation of Other G/W recharge structures	125	0	25	25	25	25	25	125
Yadgir	DoLR-MoRD - Agriculture Dept	Construction of Field bunds	27600	0	358.8	358.8	358.8	358.8	358.8	1794
Yadgir	DoLR-MoRD - Agriculture Dept	Farm forestry	955	0	14	14	14	14	14	70
Yadgir	DoLR-MoRD - Agriculture Dept	Dry land horticulture	5000	0	200	200	200	200	200	1000
Yadgir	DoLR-MoRD - Agriculture Dept	Agro forestry	3500	0	42	42	42	42	42	210

Shahapur	DoLR-MoRD - Agriculture Dept	Construction of new Farm ponds	750	750	105	105	105	105	105	525
Shahapur	DoLR-MoRD - Agriculture Dept	Construction of new Check Dams	38	76	18.8	18.8	18.8	18.8	18.8	94
Shahapur	DoLR-MoRD - Agriculture Dept	Construction of new Nallah Bunds	5	10	2	2	2	2	2	10
Shahapur	DoLR-MoRD - Agriculture Dept	Construction of new Percolation Tanks	7	0	2	4	4	3	2	15
Shahapur	DoLR-MoRD - Agriculture Dept	Construction of other recharge Structures	10	0	2	2	2	2	2	10
Shahapur	DoLR-MoRD - Agriculture Dept	Renovation of Farm pond	1500	1500	210	210	210	210	210	1050
Shahapur	DoLR-MoRD - Agriculture Dept	Renovation of Check Dams	150	300	75	75	75	75	75	375
Shahapur	DoLR-MoRD - Agriculture Dept	Renovation of Nallah Bunds	20	40	8	8	8	8		40

Shahapur	DoLR-MoRD - Agriculture Dept	Renovation of Percolation Tanks	30	0	12	12	12	12	12	60
Shahapur	DoLR-MoRD - Agriculture Dept	Renovation of Other Ground water recharge Structures	50	0	10	10	10	10	10	50
Shahapur	DoLR-MoRD - Agriculture Dept	Construction of field bunds	20475	0	266.2	266.2	266.2	266.2	266.2	1331
Shahapur	DoLR-MoRD - Agriculture Dept	Farm forestry	764	0	11.2	11.2	11.2	11.2	11.2	56
Shahapur	DoLR-MoRD - Agriculture Dept	Dry land Horticulture	3000	0	120	120	120	120	120	600
Shahapur	DoLR-MoRD - Agriculture Dept	Agro forestry	2500	0	30	30	30	30	30	150
Shorapur	DoLR-MoRD - Agriculture Dept	Construction of new Farm ponds	950	950	133	133	133	133	133	665
Shorapur	DoLR-MoRD - Agriculture Dept	Construction of new Check Dams	47	94	23.6	23.6	23.6	23.6	23.6	118

Shorapur	DoLR-MoRD - Agriculture Dept	Construction of new Nallah Bunds	6	12	2	2	2	2	4	12
Shorapur	DoLR-MoRD - Agriculture Dept	Construction of new Percolation Tanks	9	0	4	4	4	4	2	18
Shorapur	DoLR-MoRD - Agriculture Dept	Construction of new Ground water recharge Structures	11	0	2	2	2	2	3	11
Shorapur	DoLR-MoRD - Agriculture Dept	Renovation of Farm pond	1900	1900	266	266	266	266	266	1330
Shorapur	DoLR-MoRD - Agriculture Dept	Renovation of Check Dams	190	380	95	95	95	95	95	475
Shorapur	DoLR-MoRD - Agriculture Dept	Renovation of Nallah Bunds	25	50	10	10	10	10	10	50
Shorapur	DoLR-MoRD - Agriculture Dept	Renovation of Percolation Tanks	35	0	14	14	14	14	14	70
Shorapur	DoLR-MoRD - Agriculture Dept	Renovation of Other Ground water recharge Structures	55	0	11	11	11	11	11	55

Shorapur	DoLR- MoRD - Agriculture Dept	Construction of Field bunds	20400	0	265.2	265.2	265.2	265.2	265.2	1326
Shorapur	DoLR- MoRD - Agriculture Dept	Farm forestry	955	14	14	14	14	14	14	70
Shorapur	DoLR- MoRD - Agriculture Dept	Dry land Hoerticulture	5000	0	200	200	200	200	200	1000
Shorapur	DoLR- MoRD - Agriculture Dept	Agro forestry	1500	0	18	18	18	18	18	90
Total				8639	3020.2	3022.2	3022.2	3021.2	3011.2	15105

5.4. District Abstract

Table 5.9: PMKSY-DIP Strategic Action Plan - Area by Component for Yadgir District

Area in ha				
Component	Shahapur	Shorapur	Yadgir	District
AIBP	31867	6375	24645	62887.00
HKKP	1261.31	804.65	7548.84	9614.80
PDMC	9400	14130	11600	35130.00
PMKSY-WS	2676	3386	2563	8625.00
Convergence With MGNREGA	0	0	0	0.00
TOTAL	45204.31	24695.65	46356.84	116256.80

The irrigation potential created under AIBP is the highest i.e., 62887 ha followed by micro irrigation component with 35130 ha. Most of the activities suggested under Convergence with MGNREGA are PRED activities related to providing piped water / and Mini Water Supply schemes. PMKSY-Watershed component included renovation as well as creation of new water harvesting structures like farm ponds, check dams, nallah bunds etc. The total irrigation potential envisaged for Yadgir district is 116256.80 ha.

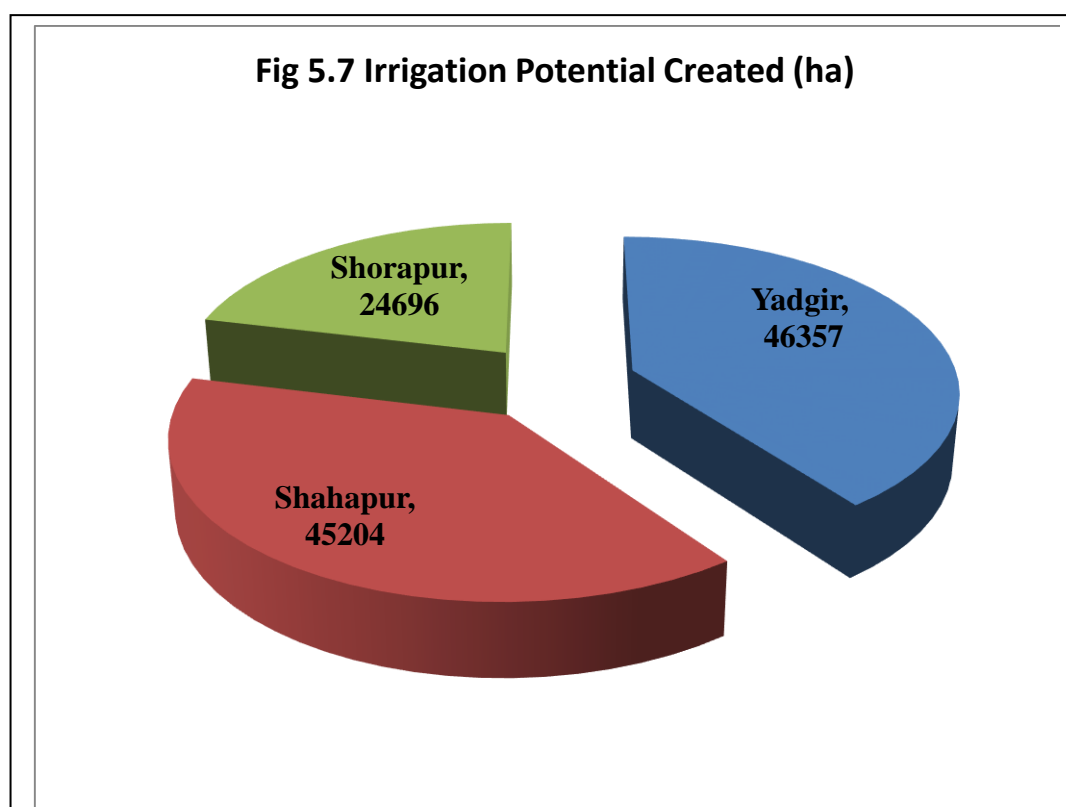


Table 5.10: PMKSY-DIP Strategic Action Plan - Estimated Cost for Taluks

Rs in Lakh				
Component	Yadgir	Shahapur	Shorapur	District
AIBP	65391.09	63478.99	32160.22	161030.30
HKKP	5143.00	498.00	385.00	6026.00
PDMC	5740.00	4304.00	4097.00	14141.00
PMKSY-WS	5449.00	4366.00	5290.00	15105.00
Convergence With MGNREGA	0.00	256.00	744.00	1000.00
TOTAL	81723.09	72902.99	42676.22	197302.30

It can be seen from Table 5.10 that Component AIBP shares the maximum budget of Rs. 161030.30 lakh or 1610.30 crore followed by PMKSY-watershed activities, basically related to renovation as well as creation of new water harvesting structures (WHS) with Rs. 15105 lakh. Per Drop More Crop (Micro irrigation) activities would incur Rs. 14141 lakh. The Piped Water Supply as well as Mini Water Supply Schemes suggested under convergence with MGNREGA would cost Rs. 1000 lakh. Thus the total cost of all the components of PMKSY-DIP is estimated at Rs. 197302.30 lakh or Rs. 1973.02 crore for Yadgir district.

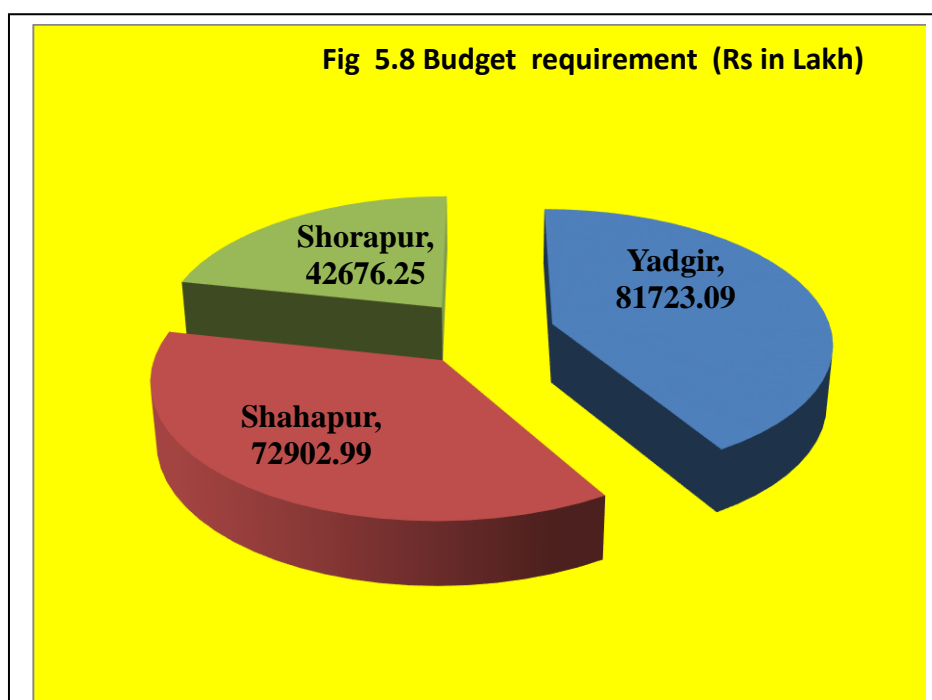


Table 5.11: Taluk-wise, Year-wise Estimated Cost for PMKSY-DIP Yadgir District

Rs in Lakh					
Sl. No.	Year	Yadgir	Shahapur	Shorapur	District
1	I Year	16345.02	14579.60	10824.65	41749.27
2	II Year	16345.02	14581.60	10824.65	41751.27
3	III Year	16345.02	14581.60	10824.65	41751.27
4	IV Year	16345.02	14580.60	10824.65	41750.27
5	V Year	16343.02	14571.60	10825.65	41740.27
Total		81723.09	72902.99	42676.25	197302.33

The Scheme is proposed for three years. Every year almost same amount i.e., around Rs.41750 lakhs is required. Yadgir taluk requires the highest amount Rs.81723.09 lakhs(41.4%) followed by Shahapur taluk Rs. 72902.99 lakhs (36.9%) and for Shorapur Rs. 42676.25 lakhs (21.7%) funds are required.

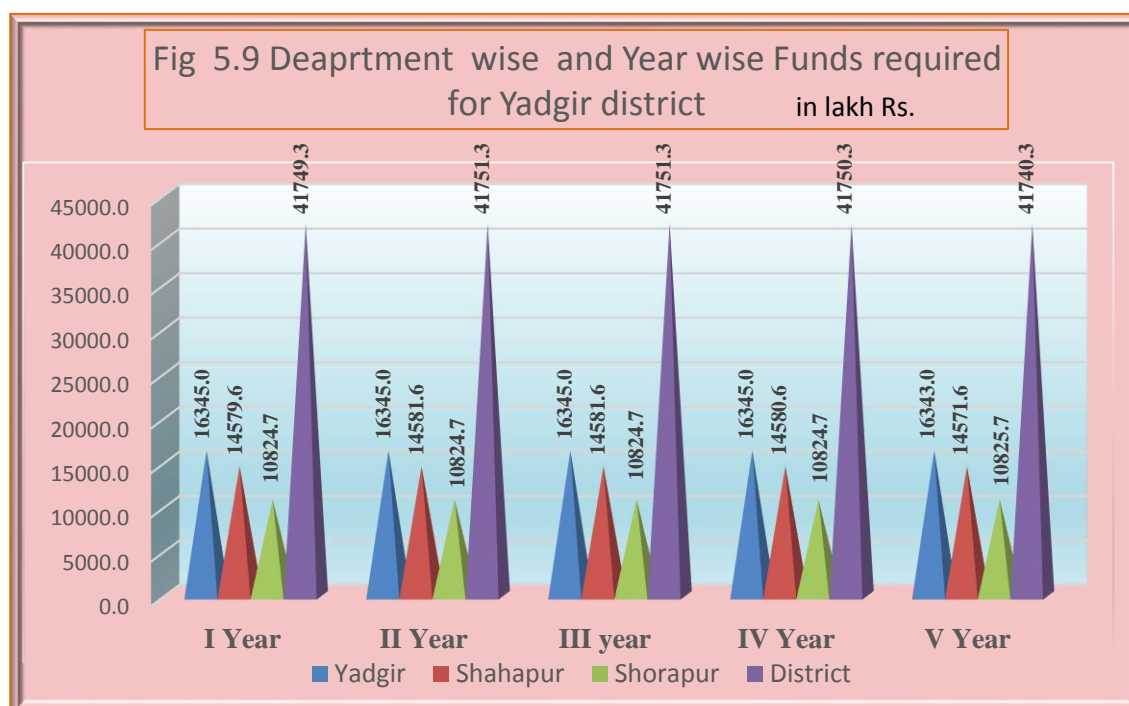
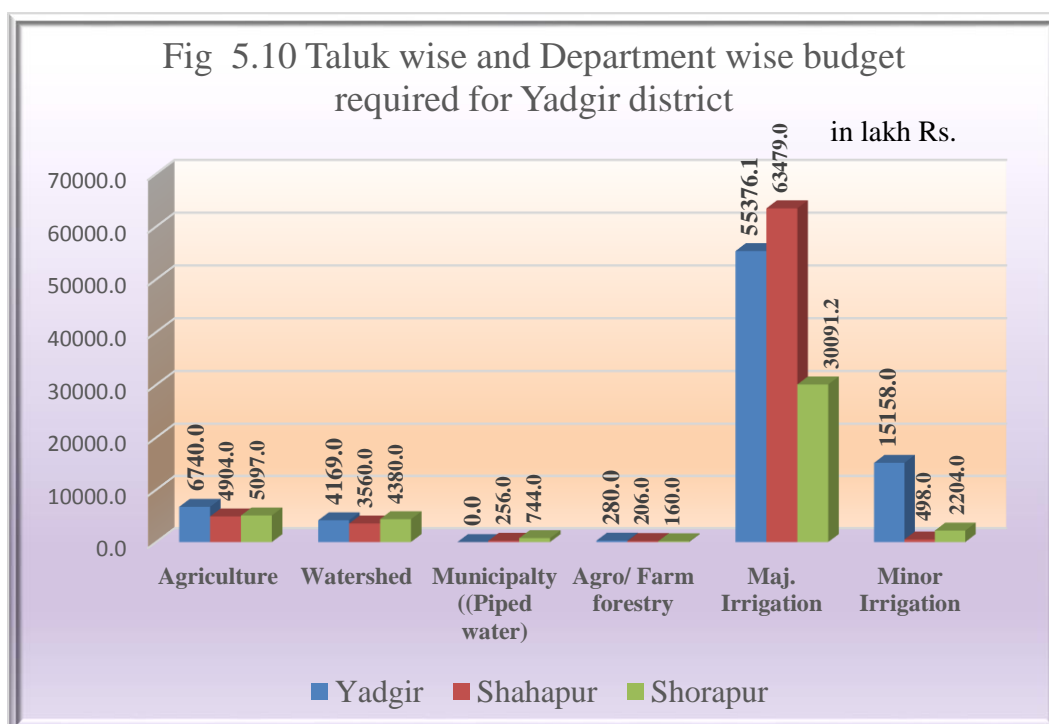


Table 5.12: Taluk-wise, Department-wise Estimated Cost for PMKSY-DIP Yadgir District

Rs in Lakh					
Sl. No.	Department	Yadgir	Shahapur	Shorapur	District
1	Agriculture	6740.00	4904.00	5097.00	16741.00
2	Watershed	4169.00	3560.00	4380.00	12109.00
3	Municipalty ((Piped water)	0.00	256.00	744.00	1000.00
4	Agro/ Farm forestry	280.00	206.00	160.00	646.00
5	Maj. Irrigation	55376.09	63478.99	30091.22	148946.30
6	Minor Irrigation	15158.00	498.00	2204.03	17860.03
Total		81723.09	72902.99	42676.25	197302.33

Major irrigation Department requires the highest amount of Rs.148946.3 lakhs (75.5%), followed by Minor irrigation Department Rs. 17860.03 lakhs (9.1%), Agriculture Department Rs.16741.0 lakhs (8.5 %), Watershed Rs.12109.0 lakhs (6.1%), Municipality (Piper Water) Rs. 1000.00 lakhs (0.5%) and Farm Forestry Rs. 646.0 lakhs (0.3%).

Fig 5.10



CONCLUSIONS

- Yadgir district lies in the northern plains of Karnataka and has semi - arid type of climate. The southwest monsoon sets in the middle of June and extends till the end of September. Bulk of the annual rainfall occurs during this season, which constitutes over 77% of the annual rainfall. Significant rainfall occurs during the winter monsoon owing to north eastern monsoon, which constitutes 7% of the annual rainfall. Normal Rainfall of the district is around 818 mm.
- Shahapur and Shorapur taluks receives irrigation through KBGNL – Narayanapura dam. Whereas, bore wells is the major source of irrigation in Yadgir Taluk. The net area irrigated in Shahapur, Shorapur and Yadgir taluks accounts for 55 percent, 73 percent and 31 percent of the net sown area in the respective taluks.
- The total water availability for the district from all sources at present is 3.46561 BCM, which is more than the present requirement (2015) of 1.4516353 BCM (Chapter IV). There is a balance of water available, amounting to 2.013975 BCM, which would be adequate to meet the future demand (2020) of 1.60548 BCM.
- The effort should be made to encourage water conservation structures to enhance the underground recharge and rejuvenating tanks/lakes by desilting and other means to hold more in tanks/lakes, etc.
- Harvesting rain water in structures like farm ponds, check dams, tanks, barrages, bandharas etc is an essential feature of planning for these areas. Similarly, for exploited regions in respect of groundwater recharging of ground water through bore well recharging and other water bodies is also equally essential.

- The plan envisages creation of new irrigation potential of 116256.8 ha in the next five years, which is distributed in all taluks.
- A budgetary provision of Rs 197302.30 lakhs is necessary to achieve the above said development.

APPENDICES

1a: Demography of Shahapur taluk

Name of the Gram Panchayat	Name of the Villages Covered	Code of the Villages Covered	Population				SC		ST		General		Total	
			M	F	CH	Total	No of House olds	No of Mem bers	No of House olds	No of Mem bers	No of House olds	No of Mem bers	No of House olds	No of Mem bers
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>7</i>	<i>6</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>
Chamnal	Gundapur	621075	673	615	188	1288	21	107	4	19	232	1162	258	1288
	Nadihal	621076	496	496	176	992	85	427	16	81	97	484	198	992
	Chamnal	621077	1357	1328	522	2685	253	1267	4	18	280	1400	537	2685
	Chandapur	621078	993	946	368	1939	173	866	6	31	208	1042	388	1939
	Darshnapur	621082	941	790	221	1731	62	310	10	51	274	1370	346	1731
Total			4460	4175	1475	8635	595	2977	40	200	1092	5458	1727	8635
Ukkinal	Ukkinal	621079	2171	2029	667	4200	559	2797	18	91	262	1312	840	4200
	Harangera	621080	1339	1217	414	2556	376	1881	0	0	135	675	511	2556
	Rabbanhalli	621083	571	551	129	1122	114	572	14	69	96	481	224	1122
	Karkihalli	621093	772	727	246	1499	170	850	10	52	119	597	300	1499
	Inganal	621081	0	0	0	0	0	0	0	0	0	0	0	0
Total			4853	4524	1456	9377	1220	6100	42	212	613	3065	1875	9377
Maddarki	Singanhalli	621084	607	580	153	1187	67	334	0	1	170	852	237	1187
	Maddarki	621086	1949	1856	637	3805	267	1337	26	130	468	2338	761	3805
	Sadyapur	621090	414	384	129	798	43	217	40	201	76	380	160	798
	Kodamanhalli	621091	522	494	175	1016	48	239	0	0	155	777	203	1016

	Negginal	621085	0	0	0	0	0	0	0	0	0	0	0	0
Total			3492	3314	1094	6806	425	2127	66	332	869	4347	1361	6806
Mudbole	Mudbole	621087	2946	2972	1023	5918	155	776	302	1508	727	3634	1184	5918
	Aralhalli	621089	620	613	219	1233	32	159	6	31	209	1043	247	1233
	Saladpur	621109	683	697	205	1380	39	195	4	20	233	1165	276	1380
Total			7741	7596	2541	15337	651	3257	378	1891	2038	10189	3067	15337
Anabi	Itga Simt Shirval	621110	707	754	232	1461	87	433	65	325	141	703	292	1461
	Anabi	621112	2186	2149	691	4335	226	1131	13	67	627	3137	867	4335
	Roza Simt Shirval	621113	129	156	46	285	0	0	0	0	57	285	57	285
	Bilwad	621108	0	0	0	0	0	0	0	0	0	0	0	0
	Handral	621111	0	0	0	0	0	0	0	0	0	0	0	0
Total			3022	3059	969	6081	313	1564	78	392	825	4125	1216	6081
Shirval	Shirval	621114	3204	3269	1219	6473	228	1139	191	955	876	4379	1295	6473
	Hurusgundagi	621136	1564	1605	507	3169	251	1257	8	42	374	1870	634	3169
Total			4768	4874	1726	9642	479	2396	199	997	1250	6249	1928	9642
Hothpet	Hothpet	621088	2572	2476	801	5048	451	2257	6	31	552	2760	1010	5048
	Diggi	621098	1106	1127	388	2233	189	947	10	48	248	1238	447	2233
	Halbhavi	621106	283	281	97	564	79	395	0	0	34	169	113	564
	Maktapur	621107	207	190	74	397	48	239	0	0	32	158	79	397
	Ingalgi	621115	501	486	161	987	59	293	1	6	138	688	197	987
	Madnal	621117	828	861	320	1689	82	410	28	141	228	1138	338	1689
	Rajapur K	621105	0	0	0	621105	0	0	0	0	124221	621105	124221	621105
Total			5497	5421	1841	632023	908	4541	45	226	125451	627256	126405	632023
Gogi Peth	Gogi Peth	621224	3828	3716	1373	7544	98	490	89	443	1322	6611	1509	7544
Gogi Kona	Gogi Kona	621092	4645	4495	370	9140	589	2944	36	182	1203	6014	1828	9140

Kakkasgera	Bhovikadamgera	621094	971	972	228	1943	95	477	36	182	257	1284	389	1943
	Budnoor	621095	752	737	402	1489	60	301	41	207	196	981	298	1489
	Kakkasgera	621096	1136	1198	413	2334	175	876	77	386	214	1072	467	2334
	Aikur	621173	1220	1240	1138	2460	97	487	138	689	257	1284	492	2460
Total			4079	4147	2181	8226	428	2141	293	1464	924	4621	1645	8226
Wandurga	Wandurga	621101	2462	2387	823	4849	96	479	501	2503	373	1867	970	4849
	Channur Khalsa	621103	978	998	326	1976	69	345	40	198	287	1433	395	1976
Total			3440	3385	1149	6825	165	824	540	2701	660	3300	1365	6825
Hoskera	Rajapur	621097	814	746	257	1560	56	282	27	134	229	1144	312	1560
	Shettikera	621100	1164	1114	423	2278	118	592	81	406	256	1280	456	2278
	Hoskera	621104	2008	1963	801	3971	267	1337	64	321	463	2313	794	3971
Total			3986	3823	1481	7809	442	2211	172	861	947	4737	1562	7809
Nagnatgi	Saidapur	621099	1076	1055	403	2131	144	722	3	15	279	1394	426	2131
	Ommerdoddi	621124	215	217	71	432	33	164	0	0	54	268	86	432
	Banatihal	621125	589	556	185	1145	9	46	108	538	112	561	229	1145
	Naganatgi	621126	1458	1455	509	2913	279	1395	101	507	202	1011	583	2913
	Gangnal	621127	1321	1249	452	2570	100	498	131	654	284	1418	514	2570
	Dariyapur	621128	626	607	227	1233	45	224	0	0	202	1009	247	1233
Total			5285	5139	1847	10424	610	3049	343	1714	1132	5661	2085	10424
Doranahalli	Nandihali K	621116	11	8	1	19	0	0	0	0	4	19	4	19
	Bevinhalli	621118	709	732	266	1441	55	277	25	127	207	1037	288	1441
	Doranahalli	621145	6190	6053	1730	12243	582	2910	27	134	1840	9199	2449	12243
Total			6910	6793	1997	13703	637	3187	52	261	2051	10255	2741	13703
Ibrahimpur	Habballi	621137	233	249	83	482	28	141	8	41	60	300	96	482
	Ibrahimpur	621138	1987	1918	625	3905	134	672	279	1396	367	1837	781	3905
	Tangadgi	621139	943	874	272	1817	90	448	37	184	237	1185	363	1817
	Bidrani	621144	417	448	125	865	24	119	51	254	98	492	173	865

Total			3580	3489	1105	7069	276	1380	375	1875	763	3814	1414	7069
Chattanhalli	Chattanhalli	621140	2143	2133	706	4276	185	927	120	602	549	2747	855	4276
	Maramkal	621141	351	351	117	702	26	129	0	0	115	573	140	702
	Balkal	621142	477	471	147	948	52	259	0	0	138	689	190	948
	Nalwadgi	621143	438	460	191	898	25	127	0	0	154	771	180	898
	Karangi	621147	379	363	92	742	7	33	2	9	140	700	148	742
Total			3788	3778	1253	7566	295	1475	122	611	1096	5480	1513	7566
Kannekollur	Benaknahalli Jagir	621120	762	763	279	1525	83	413	0	1	222	1111	305	1525
	Kakkekollur	621121	2373	2339	766	4712	285	1427	13	65	644	3220	942	4712
	Tippanhalli	621122	572	550	204	1122	48	241	3	16	173	865	224	1122
	Tokapur	621162	1125	1065	389	2190	70	351	18	89	350	1750	438	2190
Total			4832	4717	1638	9549	486	2432	34	171	1389	6946	1910	9549
Rastapur	Vibhutihalli	621123	1042	1001	341	2043	79	396	1	5	328	1642	409	2043
	Mahalroza	621129	1064	1108	398	2172	101	504	13	65	321	1603	434	2172
	Rastapur	621131	2689	2710	951	5399	273	1364	9	46	798	3989	1080	5399
	Sharadhalli	621132	1005	1020	319	2025	80	402	188	938	137	685	405	2025
Total			5800	5839	2009	11639	533	2666	211	1054	1584	7919	2328	11639
Sagar	Sagar	621130	6247	6351	1930	12598	285	1423	232	1161	2003	10014	2520	12598
Hattigudur	Mandagalli	621133	406	409	148	815	69	347	24	120	70	348	163	815
	Konganda	621134	877	819	277	1696	108	540	90	449	141	707	339	1696
	Hattigudur	621135	1285	1299	417	2584	304	1518	17	83	197	983	517	2584
	Munmutgi	621177	564	585	191	1149	91	455	11	55	128	639	230	1149
	Nandihalli Jagir	621180	682	652	231	1334	50	250	86	432	130	652	267	1334
	Sawoor	621182	323	313	95	636	80	400	8	41	39	195	127	636
	Katamanhalli	621183	387	385	148	772	43	215	17	87	94	470	154	772
Total			4524	4462	1507	8986	745	3725	253	1267	799	3994	1797	8986
Tewar	Bolari	621159	303	326	98	629	43	216	1	3	82	410	126	629

Wadgera	Gundgurthi	621160	864	878	267	1742	110	549	53	266	185	927	348	1742
	Tewar Wadgera	621167	1469	1477	553	2946	45	224	0	2	544	2720	589	2946
	Agastihal	621168	105	105	32	210	7	37	1	7	33	166	42	210
	Kadyapur	621170	0	0	0	0	0	0	0	0	0	0	0	0
	Anwar	621171	731	739	217	1470	54	271	67	336	173	863	294	1470
	Hayyal K	621176	704	647	301	1351	93	463	54	268	124	620	270	1351
	Bommanhalli		0	0	203	0	0	0	0	0	0	0	0	0
Total			4176	4172	1671	8348	352	1760	176	882	1141	5706	1670	8348
Tadibidi	Hundekal	621161	793	759	232	1552	66	329	0	0	245	1223	310	1552
	Tadibidi	621163	2181	2123	645	4304	181	905	57	283	623	3116	861	4304
Total			2974	2882	877	5856	247	1234	57	283	868	4339	1171	5856
Khanapur	Gundhalli	621146	1631	1541	509	3172	364	1819	0	0	271	1353	634	3172
	Khanapur	621148	1766	1723	571	3489	130	651	38	190	530	2648	698	3489
	Mangihal	621149	492	516	150	1008	98	490	0	0	104	518	202	1008
Total			3889	3780	1230	7669	592	2960	38	190	904	4519	1534	7669
Naikal	Naikal	621150	3406	3390	1036	6796	427	2137	13	65	919	4594	1359	6796
Gulsaram	Gulsaram	621151	2015	1898	660	3913	183	915	29	147	570	2851	783	3913
	Birnal	621152	346	345	87	691	13	65	18	90	107	536	138	691
	Bablad	621153	914	795	279	1709	51	257	26	131	264	1321	342	1709
	Hulkal Jagir	621155	806	828	294	1634	111	556	104	518	112	560	327	1634
Total			4081	3866	1320	7947	359	1793	177	886	1054	5268	1589	7947
Kadamgera B	Kyatnal	621164	1239	1229	436	2468	122	608	22	112	350	1748	494	2468
	Kadamgera (B)	621165	1377	1336	483	2713	122	608	66	329	355	1776	543	2713
	Shanker Banda	621166	393	380	161	773	11	53	23	114	121	606	155	773
	Hanchinal	621172	670	605	232	1275	30	151	0	1	225	1123	255	1275
Total			3679	3550	1312	7229	284	1420	111	556	1051	5253	1446	7229
Hayyal B	Aldhal	621102	774	745	231	1519	46	229	141	703	117	587	304	1519
	Hayyal B	621174	1540	1600	511	3140	105	525	5	25	518	2590	628	3140

	Basawantpur	621175	567	559	175	1126	61	304	10	52	154	770	225	1126
	Ekshanti	621178	615	631	164	1246	51	255	90	450	108	541	249	1246
	Maderkal	621179	558	538	186	1096	41	207	57	283	121	606	219	1096
Total			4054	4073	1267	8127	304	1520	303	1513	1019	5094	1625	8127
Kollur	Beernur	621181	923	961	325	1884	208	1038	41	204	128	642	377	1884
	Parsapur	621184	322	304	102	626	27	137	71	355	27	134	125	626
	Markal	621185	546	571	170	1117	41	207	136	682	46	228	223	1117
	Kollur	621186	1328	1327	464	2655	88	440	270	1348	173	867	531	2655
	Tonnur	621187	468	469	138	937	31	153	67	336	90	448	187	937
	Chandral	621188	1	2	0	3	0	0	0	0	1	3	1	3
	Goudoor	621189	380	369	88	749	23	115	32	162	94	472	150	749
Total			3968	4003	1287	7971	418	2090	617	3087	559	2794	1594	7971
Kurkunda	Kurkunda	621157	2482	2518	261	5000	255	1274	18	90	727	3636	1000	5000
Ullesugur	Malhalli	621156	727	707	891	1434	83	415	0	0	204	1019	287	1434
	Tekural	621158	599	635	249	1234	57	287	0	0	189	947	247	1234
	Ullesugar	621193	1682	1774	556	3456	151	756	21	103	519	2597	691	3456
	Hortoor	621194	754	768	305	1522	63	315	7	37	234	1170	304	1522
Total			3762	3884	2001	7646	355	1773	28	140	1147	5733	1529	7646
Halgera	Gaddesugur	621154	864	861	303	1725	56	278	105	525	184	922	345	1725
	Halgera	621195	1208	1252	428	2460	161	806	19	93	312	1561	492	2460
	Godihal	621196	723	721	233	1444	79	393	4	22	206	1029	289	1444
	Kumnoor	621197	432	446	137	878	42	211	27	134	107	533	176	878
	Arjungi	621198	489	458	173	947	35	177	13	66	141	704	189	947
Total			3716	3738	1274	7454	373	1865	168	840	950	4749	1491	7454
Wadgera	Wadgera	621192	4581	4510	235	9091	659	3293	381	1903	779	3895	1818	9091
Konkal	Aneksugur	621190	652	646	120	1298	166	828	7	35	87	435	260	1298
	Kurihal	621191	439	425	1606	864	32	159	53	263	88	442	173	864
	Gondenoor	621202	634	654	238	1288	51	255	23	114	184	919	258	1288

	Channur Jagir	621203	395	410	108	805	18	92	34	168	109	545	161	805
	Konkal	621204	1137	1130	389	2267	54	272	91	454	308	1541	453	2267
Total			3257	7775	2696	15613	980	4899	587	2937	1555	7777	3123	15613
Bilhar	Konhalli	621199	693	704	235	1397	82	411	4	18	194	968	279	1397
	Kandhalli	621200	718	707	215	1425	118	589	0	0	167	836	285	1425
	Bilhar	621201	1245	1253	432	2498	119	597	0	1	380	1900	500	2498
	Boodihal	621210	200	167	71	367	17	85	0	0	56	282	73	367
	Machnoor	621211	463	476	122	939	35	177	0	0	152	762	188	939
	Benkanhalli Khalsa	621212	220	219	91	439	38	189	17	87	33	163	88	439
Total			3539	3526	1166	7065	410	2048	21	106	982	4911	1413	7065
Bendebemba lli	Tumkur	621205	1612	1633	586	3245	119	594	3	17	527	2634	649	3245
	Itga Simt Wadgera	621206	244	233	90	477	23	117	10	51	62	309	95	477
	Habshihal	621207	249	270	71	519	18	88	0	0	86	431	104	519
	Rotnadgi	621208	708	678	204	1386	76	379	0	0	201	1007	277	1386
	Kadrapur	621209	337	357	117	694	44	221	0	0	95	473	139	694
	Bendebemba lli	621214	1529	1564	504	3093	167	833	7	34	445	2226	619	3093
	Kodal	621216	456	466	145	922	48	239	0	0	137	683	184	922
Total			5135	5201	1717	10336	494	2471	20	102	1553	7763	2067	10336
Gonal	Shivenoor	621213	188	174	48	362	35	173	0	0	38	189	72	362
	Joldhadgi	621215	783	732	230	1515	65	326	0	0	238	1189	303	1515
	Gonal	621217	543	556	196	1099	83	413	0	1	137	685	220	1099
	Konganda Simt Wadgera	621218	270	289	88	559	20	101	6	31	85	427	112	559
	Shivepur	621219	607	615	237	1222	38	192	4	20	202	1010	244	1222
	Gundloor	621221	380	354	137	734	30	149	0	0	117	585	147	734
	Agnihal	621222	369	384	170	753	17	85	2	8	132	660	151	753
	Sugoor	621223	224	172	72	396	21	103	2	11	56	282	79	396

	Sangam D	621220	0	0	0	0	0	0	0	0	0	0	0	0
Total			3364	3276	1178	6640	308	1542	14	71	1005	5027	1328	6640
Not under any Panchayat	Hallisagar	621119	22	24	2	46	1	3	3	16	5	27	9	46
Malla B	Chitaknal		0	0		0	0	0	0	0	0	0	0	0
	Hadnoor	620877	1226	1243		2469	84	418	65	325	345	1726	494	2469
	Malla K	620878	262	256		518	13	67	1	6	89	445	104	518
	Malla B	620879	1313	1247		2560	101	506	41	206	370	1848	512	2560
	Gogaddihal	620884	238	221		459	5	23	52	261	35	175	92	459
Yevoor	Yevoor	620880	1865	1861		3726	248	1240	106	530	391	1956	745	3726
	Dandsollapur	620881	615	600		1215	82	411	48	240	113	564	243	1215
	Sevanagar	620882	938	914		1852	365	1825	0	0	5	27	370	1852
	Khanapur S K	620883	651	689		1340	60	299	6	28	203	1013	268	1340
Naganoor	Nagnoor	620885	3061	2953		6014	187	934	185	924	831	4156	1203	6014
	Goudgera	620886	1598	1598		3196	59	293	401	2007	179	896	639	3196
Yalgi	Yalgi	620875	2626	2624		5250	138	692	66	332	845	4226	1050	5250
	Shivaji Nagar	620890	724	673		1397	279	1396	0	0	0	1	279	1397
Yaktapur	Wandagnoor	620874	547	523		1070	57	286	0	0	157	784	214	1070
	Bevinal S K	620891	116	120		236	36	178	0	0	12	58	47	236
	Chincholi	620892	665	607		1272	107	537	1	3	146	732	254	1272
	Doranhalli	620893	106	99		205	4	21	3	16	34	168	41	205
	M Bommanahalli	620894	733	695		1428	61	305	1	4	224	1119	286	1428
	Yaktapur	620895	551	567		1118	39	195	101	507	83	416	224	1118
	Ainapur	620896	340	334		674	22	109	65	324	48	241	135	674
	Malkapur	620897	121	121		242	2	11	0	0	46	231	48	242
	Alhal	620898	508	536		1044	78	392	1	4	130	648	209	1044
	Kachapur	620901	300	301		601	31	154	0	0	89	447	120	601

	Kadhalli		0	0		0	0	0	0	0	0	0	0	0
Kembhavi	Kembhavi	620889	8808	8538		1734 6	561	2805	230	1148	2679	13393	3469	17346
Parasanahalli	Kirdhalli	620887	1467	1477		2944	175	875	105	523	309	1546	589	2944
	Parasanhalli	620888	1449	1371		2820	123	613	87	433	355	1774	564	2820
	Malhalli	620905	572	520		1092	38	189	4	18	177	885	218	1092
Malagatti	Jainapur	620908	628	558		1186	23	116	141	704	73	366	237	1186
	Godrihal	620909	756	734		1490	42	208	137	685	119	597	298	1490
	Heggandoddi	620910	751	747		1498	20	102	136	678	144	718	300	1498
	Malagatti	620911	1040	1017		2057	116	579	100	499	196	979	411	2057
	Tippanatgi	620912	747	697		1444	35	173	144	722	110	549	289	1444
	Mavinmatti	621034	631	607		1238	24	118	27	133	197	987	248	1238
	Chigrihal	621035	588	611		1199	14	72	75	374	151	753	240	1199
Karadkal	Nadkoor	620906	353	355		708	14	72	10	49	117	587	142	708
	Karadkal	620907	1558	1596		3154	75	377	159	796	396	1981	631	3154
Mudnoor K	Fathepur	620902	353	365		718	8	39	28	142	107	537	144	718
	Murakanal	620904	113	113		226	1	3	0	2	44	221	45	226
	Mudnoor B	620916	1330	1327		2657	53	267	3	13	475	2377	531	2657
	Mudnoor K	620917	1673	1535		3208	115	577	9	45	517	2586	642	3208
	Rampur	620918	244	265		509	27	133	2	8	74	368	102	509
	Yediapur	620919	743	692		1435	39	196	11	57	236	1182	287	1435
Agni	Bendartalahalli	620899	611	596		1207	24	121	99	497	118	589	241	1207
	Huvinhalli	620900	314	327		641	41	203	14	71	73	367	128	641
	Amlihal	620913	605	606		1211	33	166	35	174	174	871	242	1211
	Agni	620914	1074	1057		2131	76	382	2	8	348	1741	426	2131
	Handral	620915	119	113		232	8	40	0	1	38	191	46	232
	Badlapur- Becharak	620924	115	96		211	1	6	0	0	41	205	42	211
	Agatheerth	620925	546	517		1063	54	272	4	21	154	770	213	1063

	Karibhavi	620926	501	522		1023	15	76	61	305	128	642	205	1023
Baichbal	Kudalagi	620920	1156	1103		2259	68	341	108	538	276	1380	452	2259
	Kanhalli	620921	1881	1859		3740	67	337	130	649	551	2754	748	3740
	Baichbal	620929	1090	1157		2247	51	256	20	102	378	1889	449	2247
Devargonal	Siddapur	621015	1000	974		1974	10	49	280	1398	105	527	395	1974
	Devargonal	621037	1621	1622		3243	110	548	325	1624	214	1071	649	3243
	Machgundal	621038	906	848		1754	16	79	133	666	202	1009	351	1754
	Badyapur	621039	1007	1040		2047	56	279	266	1332	87	436	409	2047
	Bahirimaddi	621040	729	700		1429	48	242	19	93	219	1094	286	1429
Devikera	Rattal	621041	1273	1219		2492	64	318	68	342	366	1832	498	2492
	Devikera	621042	1190	1141		2331	68	339	13	63	386	1929	466	2331
	Hasanapur					0	0		0		0	0	0	0
Arkera Khalasa	Bijaspur	621051	1218	1222		2440	164	820	109	545	215	1075	488	2440
	Arkera Khalsa	621052	1664	1632		3296	121	607	151	756	387	1933	659	3296
	Vankihal					0	0		0		0	0	0	0
Wagangera	Bommanhalli	621045	780	749		1529	80	399	196	980	30	150	306	1529
	Wagangera	621049	1687	1682		3369	136	681	183	916	354	1772	674	3369
	Talwargera	621050	896	998		1894	55	276	136	678	188	940	379	1894
Pethammapu r	Jalibench i	621036	923	976		1899	69	346	39	194	272	1359	380	1899
	Mangaloor	621046	1284	1225		2509	37	185	50	248	415	2076	502	2509
	Pethammapur	621048	1919	2012		3931	89	443	43	216	654	3272	786	3931
Kachaknoor	Kachaknoor	620930	897	924		1821	75	376	79	397	210	1048	364	1821
	Chikanahalli	620996	1131	1047		2178	71	355	39	197	325	1626	436	2178
	Bachimatti	620999	753	746		1499	90	449	2	11	208	1039	300	1499
	Benakanhalli	621000	583	569		1152	61	305	60	301	109	546	230	1152
	Kurubantalahalli	621047	493	485		978	23	116	33	166	139	696	196	978
Arkera J	Teggihalli	620922	489	510		999	41	206	1	4	158	789	200	999

	Shakhapur	620923	461	506		967	26	132	148	742	19	93	193	967
	Sadab	620927	601	559		1160	42	209	0	0	190	951	232	1160
	Arkera J	620928	1124	1080		2204	98	491	83	415	260	1298	441	2204
	Yedhalli	620931	1531	1498		3029	170	850	109	546	327	1633	606	3029
Kolihal	Kolihal	620932	881	886		1767	64	319	0	1	289	1447	353	1767
	Ramnagar	620934	1074	1050		2124	373	1864	15	76	37	184	425	2124
	Kolihal	620935	1100	1011		2111	76	380	31	153	316	1578	422	2111
	Islampur	620936	962	903		1865	57	283	18	92	298	1490	373	1865
	Salgunda D		0	0		0	0	0	0	0	0	0	0	0
Khanapur	Khanapur	621054	2110	2204		4314	177	884	102	511	584	2919	863	4314
	Kumbharpeth	621056	24	25		49	0	0	0	0	10	49	10	49
	Kaudimatti	621057	999	955		1954	37	187	3	16	350	1751	391	1954
	Godihal Jagir	621060	171	158		329	1	6	18	92	46	231	66	329
Hemnoor	Lingadhalli	621064	381	379		760	33	165	72	359	47	236	152	760
	Halgera	621065	493	514		1007	61	303	84	419	57	285	201	1007
	Shakhapur	621066	464	460		924	25	124	96	482	64	318	185	924
	Hemnoor	621067	1569	1473		3042	123	616	281	1406	204	1020	608	3042
Aldhal	Bonal	620997	1133	1102		2235	195	974	0	1	252	1260	447	2235
	Mangihal	620998	587	555		1142	33	165	45	225	150	752	228	1142
	Handral	621003	253	252		505	26	129	0	0	75	376	101	505
	Gonal	621004	301	291		592	17	87	1	3	100	502	118	592
	Aldhal	621005	1408	1353		2761	61	306	42	209	449	2246	552	2761
	Rajapur D	621006	4	2		6	0	0	0	0	1	6	1	6
	Nagaral	621007	800	751		1551	75	377	2	9	233	1165	310	1551
	Havinal	621058	338	359		697	40	199	0	0	100	498	139	697
	Kagarhal	621059	11	8		19	0	0	0	0	4	19	4	19
Devatkal	Devatkal	621001	1512	1556		3068	79	396	82	408	453	2264	614	3068
	Konal	621002	732	773		1505	64	319	0	0	237	1186	301	1505

	Halbhavi	621012	578	610		1188	30	150	82	410	126	628	238	1188
	Godhihal T	621013	299	362		661	29	145	26	131	77	385	132	661
	Raigera	621014	301	287		588	14	71	79	395	24	122	118	588
	Channapattan	621019	485	497		982	38	190	96	478	63	314	196	982
	Kade Kamat Konal		0	0		0	0	0	0	0	0	0	0	0
Hebbal B	Kaldevanhalli	620938	1378	1247		2625	107	535	13	63	405	2027	525	2625
	Hebbal B	620994	1177	1095		2272	90	450	24	122	340	1700	454	2272
	Hebbal K	620995	465	474		939	42	209	24	119	122	611	188	939
	Rajunagar	621016	790	717		1507	300	1498	0	0	2	9	301	1507
	Bhailapur	621017	256	230		486	6	29	88	439	4	18	97	486
	Siddapur G	621044	700	743		1443	0	0	98	490	191	953	289	1443
Wajjal	Channur	620939	681	628		1309	103	516	8	39	151	754	262	1309
	Wajjal	620940	2031	1993		4024	219	1094	35	177	551	2753	805	4024
	Shrinivaspur	620946	829	752		1581	88	442	149	744	79	395	316	1581
	Manjlapur	620950	525	521		1046	24	119	9	47	176	880	209	1046
Malnoor	Devapur J	620942	224	222		446	0	0	1	6	88	440	89	446
	Banhatti	620943	396	417		813	17	87	111	557	34	169	163	813
	Maralbhavi	620953	619	558		1177	26	130	34	168	176	879	235	1177
	Malnoor	620954	915	842		1757	67	336	54	269	230	1152	351	1757
	Gulbal	620955	928	841		1769	44	219	200	1000	110	550	354	1769
	Kuppi	620956	480	450		930	43	214	54	270	89	446	186	930
	Dyamnal	620957	603	557		1160	25	123	50	250	157	787	232	1160
	Katapur- Becharak		0	0		0	0	0	0	0	0	0	0	0
	Khojapur D		0	0		0	0	0	0	0	0	0	0	0
Hunasagi	Bhagyanagar	620937	453	395		848	169	847	0	0	0	1	170	848
	Hunasagi	620945	7167	6780		1394 7	393	1964	256	1280	2141	10703	2789	13947
Devapur	Devapur	621008	2264	2302		4566	249	1244	101	503	564	2819	913	4566

	Kampapur	621009	20	26		46	0	0	1	7	8	39	9	46
	Aralhalli	621010	687	698		1385	60	298	155	776	62	311	277	1385
	Shalgi	621061	703	707		1410	98	492	31	157	152	761	282	1410
	Mushtalli	621070	461	488		949	67	336	7	33	116	580	190	949
Sugur	Chandlapur	621062	785	732		1517	32	159	103	515	169	843	303	1517
	Kuppgal	621063	401	426		827	29	146	136	678	1	3	165	827
	Karnal	621068	662	736		1398	45	224	192	959	43	215	280	1398
	Choudeshwarhal	621069	640	567		1207	40	199	124	619	78	389	241	1207
	Bevinhal	621071	540	528		1068	55	273	91	455	68	340	214	1068
	Sugur	621072	669	642		1311	58	289	30	149	175	873	262	1311
	Hemwadgi	621073	454	483		937	44	221	8	41	135	675	187	937
	Adwadgi	621074	510	514		1024	30	148	133	664	42	212	205	1024
Tinthini	Santpur	621020	1186	1101		2287	46	228	11	53	401	2006	457	2287
	Tinthini	621021	1111	1151		2262	49	247	33	165	370	1850	452	2262
	Dadlapur	621022	393	380		773	24	122	82	409	48	242	155	773
	Bandoli	621023	484	405		889	6	32	140	699	32	158	178	889
	Hunsiholi	621024	645	624		1269	54	272	11	53	189	944	254	1269
	Lingadhalli	621033	536	515		1051	11	55	165	823	35	173	210	1051
Kakkera	Manjlapur K	621018	506	512		1018	24	120	8	41	171	857	204	1018
	Kakkera	621025	1106 5	1070 9		2177 4	329	1647	1818	9089	2208	11038	4355	21774
Kamnatgi	Kangandanhalli	620947	519	473		992	121	603	27	135	51	254	198	992
	Balshettihal	620948	1364	1297		2661	53	267	40	201	439	2193	532	2661
	Kamnatgi	620949	1636	1718		3354	90	448	80	398	502	2508	671	3354
	Hannal	621026	287	275		562	75	373	6	28	32	161	112	562
	Hombalkal	621028	350	331		681	9	46	7	36	120	599	136	681
	Sonnapur	621029	246	230		476	48	238	40	200	8	38	95	476
	Jairamnagar	621030	618	611		1229	238	1190	0	0	8	39	246	1229
Rajankollur	Rajankollur	620958	2608	2660		5268	392	1958	97	483	565	2827	1054	5268

	Teerth	620959	501	493		994	36	181	100	500	63	313	199	994
	Toldinni	621027	427	420		847	51	255	79	393	40	199	169	847
Hagratgi	Hagaratgi	620952	1477	1443		2920	43	214	32	159	509	2547	584	2920
	Boodhihal	620960	1191	1115		2306	72	359	106	531	283	1416	461	2306
	Horatti	620961	685	673		1358	6	31	103	517	162	810	272	1358
Bardevanal	Bapparga	620951	886	864		1750	10	51	13	65	327	1634	350	1750
	Uppaldinni	620962	249	264		513	34	170	54	270	15	73	103	513
	Kurekhal	620963	524	504		1028	48	240	60	300	98	488	206	1028
	Yerkihal	620966	827	752		1579	161	806	124	621	30	152	316	1579
	bardevanal	620970	1634	1553		3187	381	1905	150	748	107	534	637	3187
Kodekal	Kodekal	620971	3724	3521		7245	234	1170	275	1375	940	4700	1449	7245
	Rayanpala	620972	732	731		1463	167	837	112	562	13	64	293	1463
Bailkunti	Rajwal	620973	502	478		980	7	37	136	681	52	262	196	980
	Bammangudda	620974	771	785		1556	60	302	95	475	156	779	311	1556
	Bailkunti	620975	824	836		1660	28	141	190	948	114	571	332	1660
	Kudedral	620978	692	688		1380	48	241	143	716	85	423	276	1380
	Krishnanagar	620979	640	632		1272	250	1252	0	0	4	20	254	1272
	Hanamsagar	620980	674	678		1352	44	218	131	654	96	480	270	1352
Geddalmari	Devatinagr	620976	649	625		1274	248	1241	0	0	7	33	255	1274
	Geddalmari	620977	1131	1141		2272	156	778	146	731	153	763	454	2272
	Jumalpur	620982	608	617		1225	123	616	65	323	57	286	245	1225
	Dharmapur	620983	456	539		995	193	966	0	0	6	29	199	995
	Yedalbhavi	621031	398	340		738	34	171	52	262	61	305	148	738
	Benchigaddi	621032	502	498		1000	4	20	188	941	8	39	200	1000
Marnal	Madlinganal	620964	866	864		1730	31	156	161	804	154	770	346	1730
	Bassapur	620965	159	144		303	2	12	34	171	24	120	61	303
	Yenniwadgera	620967	1101	1073		2174	32	161	19	94	384	1919	435	2174
	Marnal	620968	553	527		1080	63	316	19	96	134	668	216	1080

	Mailapur	620969	749	693		1442	288	1441	0	0	0	1	288	1442
	Kamalpur	620988	415	377		792	11	54	0	1	147	737	158	792
Jogundabhavi	Hullikera	620981	288	312		600	20	98	25	124	76	378	120	600
	Ammapur S K	620984	406	376		782	24	118	43	216	90	448	156	782
	Rayangola	620986	800	769		1569	93	467	116	581	104	521	314	1569
	Jogundabhavi	620987	2033	1955		3988	520	2598	0	0	278	1390	798	3988
	Kottiguda	620989	535	503		1038	5	25	38	188	165	825	208	1038
Narayanpurrural	Tangadbail	620985	162	183		345	4	22	56	278	9	45	69	345
	Hanuman nagar	620990	390	358		748	147	733	0	0	3	15	150	748
	Narayanpur Rural	620991	3119	3198		6317	231	1154	198	991	834	4172	1263	6317
	Melingaddi	620992	474	483		957	12	61	25	126	154	770	191	957
	Jangingaddi	620993	631	581		1212	21	107	131	653	90	452	242	1212
Yergol	Yergol	621229	4257	4297		8554	371	1857	40	198	1300	6499	1711	8554
Motenhalli	Motenhalli	621233	1986	1984		3970	211	1057	77	387	505	2526	794	3970
	Khanapur-Hosalli	621234	708	721		1429	31	156	0	0	255	1273	286	1429
	Chintkunta	621235	762	835		1597	36	180	4	21	279	1396	319	1597
	Kotgera	621236	1476	1487		2963	14	70	64	319	515	2574	593	2963
	Pattapur		0	0		0	0	0	0	0	0	0	0	0
Gajarkot	Rampur(G)	621257	991	1022		2013	67	333	12	59	324	1621	403	2013
	Shivapur	621258	784	753		1537	5	27	90	449	212	1061	307	1537
	Gajarkot	621259	2696	2725		5421	328	1641	1	3	755	3777	1084	5421
	Devarahalli	621260	664	705		1369	5	25	0	0	269	1344	274	1369
Kakalwar	Siddapur B	621261	543	551		1094	20	102	0	0	198	992	219	1094
	Mith Tipdampalli	621262	614	611		1225	116	582	0	0	129	643	245	1225
	Kakalwar	621263	1177	1269		2446	87	434	1	5	401	2007	489	2446
	Budur	621277	626	658		1284	32	159	0	1	225	1124	257	1284

	Borbanda	621279	677	680		1357	215	1077	0	0	56	280	271	1357
Chapetla	Chapetla	621265	1165	1180		2345	117	585	0	1	352	1759	469	2345
	Yadlapur	621266	798	833		1631	74	369	0	0	252	1262	326	1631
	Kamalnagar	621267	812	798		1610	320	1598	0	0	2	12	322	1610
	Subhashnagar	621268	672	661		1333	266	1332	0	0	0	1	267	1333
	Himalpur	621276	855	851		1706	67	335	3	16	271	1355	341	1706
Hattikuni	Bachwar	621230	937	893		1830	149	745	159	793	58	292	366	1830
	Hattikuni	621240	3002	2838		5840	199	997	272	1359	697	3484	1168	5840
	Venkateshwar nagar	621241	734	689		1423	231	1154	0	0	54	269	285	1423
	Samnapur	621242	543	515		1058	209	1045	0	0	3	13	212	1058
	Yekkihalli		0	0		0	0	0	0	0	0	0	0	0
	Bagalmadu		0	0		0	0	0	0	0	0	0	0	0
Allipur	Kanchgarhalli	621247	982	926		1908	223	1115	102	509	57	284	382	1908
	Alipur	621248	1716	1722		3438	264	1322	0	0	423	2116	688	3438
	Horencha	621249	1219	1151		2370	209	1043	4	19	262	1308	474	2370
Arkera B	Achola	621225	546	601		1147	82	412	99	497	48	238	229	1147
	Siddarthnagar	621226	301	287		588	117	584	0	0	1	4	118	588
	Arkera(B)	621227	1067	1085		2152	191	954	0	0	240	1198	430	2152
	Wadenhalli	621228	989	1021		2010	137	686	142	709	123	615	402	2010
	Khanhalli	621244	666	637		1303	79	397	59	296	122	610	261	1303
	Baswanthpur	621245	369	370		739	28	141	96	481	23	117	148	739
	Balajinagar	621246	405	407		812	160	798	0	0	3	14	162	812
Bandhalli	Chamenhalli	621250	984	1052		2036	202	1009	11	54	195	973	407	2036
	Bandhalli	621251	2044	1994		4038	189	943	17	85	602	3010	808	4038
	Yedhalli	621252	1272	1300		2572	133	664	67	336	314	1572	514	2572
Hongera	Sutarhosalli	621238	1068	1025		2093	157	783	13	63	249	1247	419	2093
	Katgi Shahapur	621239	1013	979		1992	98	491	0	0	300	1501	398	1992
	Hongera	621253	2863	2892		5755	200	1001	0	0	951	4754	1151	5755

Putpak	Dantapur	621284	609	623		1232	61	304	0	1	185	927	246	1232
	Jawaharnagar	621285	630	554		1184	236	1180	0	0	1	4	237	1184
	Mallapur	621286	227	241		468	50	250	1	4	43	214	94	468
	Putpak	621287	1724	1893		3617	149	744	2	9	573	2864	723	3617
Minasapur	Nazrapur	621280	1018	973		1991	170	848	0	0	229	1143	398	1991
	Minasapur	621342	1184	1241		2425	137	683	77	383	272	1359	485	2425
	Muslapalli	621343	177	205		382	22	110	0	0	54	272	76	382
Chinakar	Gunjunur	621338	773	772		1545	88	438	44	218	178	889	309	1545
	Bettadhalli	621339	414	442		856	86	431	0	0	85	425	171	856
	Dharmapur	621340	926	958		1884	158	792	0	1	218	1091	377	1884
	Chinakhar	621341	1071	1137		2208	115	576	30	149	297	1483	442	2208
	Siddapur K		0	0		0	0	0	0	0	0	0	0	0
Kandkur	Kandkur	621273	1539	1595		3134	120	600	0	0	507	2534	627	3134
	Chintenpalli	621274	1764	1752		3516	205	1025	2	11	496	2480	703	3516
	Indiranagar	621275	245	215		460	92	458	0	0	0	2	92	460
Paspool	Yemphe	Yemphe	1196	1199		2395	134	670	56	281	289	1444	479	2395
	Tatelgera	Tatelgera	872	827		1699	72	362	35	174	233	1163	340	1699
	Magdampur	Magdampur	831	850		1681	166	832	115	576	55	273	336	1681
	Paspool	Paspool	974	944		1918	104	518	6	31	274	1369	384	1918
Munderga	Belgera	621254	2080	2027		4107	135	675	2	9	685	3423	821	4107
	Kurkumbal	621256	128	125		253	51	253	0	0	0	0	51	253
	Munderga	621299	2077	2068		4145	194	968	147	736	488	2441	829	4145
	Ashoknagar	621300	475	489		964	192	962	0	0	0	2	193	964
Mudnal	Kaspanhalli	621243	496	468		964	86	430	62	311	45	223	193	964
	Tumkur	621294	1176	1218		2394	47	236	15	75	417	2083	479	2394
	Mudnal	621295	1407	1466		2873	355	1776	81	407	138	690	575	2873
	Bhimnagar	621296	760	786		1546	307	1537	0	0	2	9	309	1546
Thanagunda	Talak	621288	525	553		1078	84	419	52	260	80	399	216	1078

	Hedgimadra	621290	1132	1102		2234	94	468	163	813	191	953	447	2234
	Bomshathalli	621291	339	337		676	11	55	49	243	76	378	135	676
	Viswaspur	621292	683	669		1352	254	1269	0	0	17	83	270	1352
	Thangunda	621293	1094	1124		2218	33	163	141	703	270	1352	444	2218
	Nagnaikanhalli		0	0		0	0	0	0	0	0	0	0	0
Workenhalli	Workenhalli	621306	1210	1269		2479	159	794	187	935	150	750	496	2479
	Mazra-Hosalli	621308	503	480		983	67	336	76	381	53	266	197	983
	Poglapur	621310	591	578		1169	47	237	37	184	150	748	234	1169
	Koilur	621311	837	822		1659	91	453	109	547	132	659	332	1659
Ramsamudra	Ashinal	621255	1836	1790		3626	237	1183	60	300	429	2143	725	3626
	Ramasamudra	621302	2651	2689		5340	298	1490	246	1228	524	2622	1068	5340
	Panchasheelanagar	621303	292	273		565	113	565	0	0	0	0	113	565
Arker K	Arker(K)	621304	1515	1525		3040	246	1228	3	13	360	1799	608	3040
	Mailapur	621305	992	960		1952	70	350	1	4	320	1598	390	1952
Konkal	Konkal	621345	2222	2261		4483	107	533	1	7	789	3943	897	4483
	Devanalli	621346	235	247		482	25	123	30	148	42	211	96	482
	Nandepalli	621349	900	891		1791	29	146	12	62	317	1583	358	1791
Anpur	Anpur	621344	1604	1643		3247	115	573	49	244	486	2430	649	3247
	Nasalwai	621352	1039	1116		2155	93	466	1	7	336	1682	431	2155
	Narsapur		0	0		0	0	0	0	0	0	0	0	0
Yellheri	Yelaha	621318	2520	2461		4981	329	1644	10	51	657	3286	996	4981
	Ghanpur	621319	648	694		1342	12	60	0	0	256	1282	268	1342
	Gopalpur	621320	660	723		1383	30	148	2	8	245	1227	277	1383
	Totlur	621321	339	394		733	61	304	0	0	86	429	147	733
	Nawabur	621336	38	44		82	0	0	0	0	16	82	16	82
Halgera	Maskehalli	621301	328	349		677	24	118	26	130	86	429	135	677
	Halgera	621312	1467	1447		2914	230	1152	112	561	240	1201	583	2914
	Raisabad	621313	1197	1209		2406	216	1081	75	377	190	948	481	2406

	Hosahalli													
Koulur	Mustur	621309	1020	1024		2044	47	236	194	971	167	837	409	2044
	Koulur	621314	1271	1356		2627	53	265	19	95	453	2267	525	2627
	Shettikera	621315	1051	1091		2142	42	208	1	4	386	1930	428	2142
	Zinkera	621316	1715	1704		3419	326	1630	167	835	191	954	684	3419
Balichakra	Nagalapur	621317	837	852		1689	35	175	129	644	174	870	338	1689
	Balichakkar	621324	3472	3493		6965	348	1740	118	588	927	4637	1393	6965
Yelsatti	Wadwat	621335	445	442		887	53	263	0	1	125	623	177	887
	Yelsathi	621348	1183	1250		2433	158	789	9	43	320	1601	487	2433
	Karengi	621354	1240	1279		2519	128	638	2	10	374	1871	504	2519
	Torentippa	621355	782	750		1532	44	220	0	0	262	1312	306	1532
	Sultanpur		0	0		0	0	0	0	0	0	0	0	0
Jaigram	Kuntimari	621350	329	332		661	19	95	0	0	113	566	132	661
	Gurnur	621353	426	441		867	67	334	0	0	107	533	173	867
	Jaigram	621357	801	853		1654	105	524	0	0	226	1130	331	1654
	Sanklapur	621358	606	586		1192	29	146	2	8	208	1038	238	1192
	Edlur	621359	649	664		1313	50	248	3	15	210	1050	263	1313
	Turkandoddi	621360	576	513		1089	19	96	0	0	199	993	218	1089
	Hulibeta		0	0		0	0	0	0	0	0	0	0	0
Madhwar	Madhawar	621322	1605	1595		3200	77	385	16	79	547	2736	640	3200
	Gudalgunta	621332	523	477		1000	19	94	0	0	181	906	200	1000
	Sambar	621333	880	821		1701	65	323	34	169	242	1209	340	1701
	Wanksambar	621334	1264	1294		2558	124	622	0	0	387	1936	512	2558
Kalebelgunda	Kale-Belgunda	621323	1313	1406		2719	66	332	90	451	387	1936	544	2719
	Neelhalli	621330	1058	1059		2117	46	230	67	334	311	1553	423	2117
	Kanekal	621331	1565	1654		3219	188	938	49	243	408	2038	644	3219
Malhar	Lingera	621325	604	579		1183	128	640	8	42	100	501	237	1183
	Malhar	621326	1581	1747		3328	173	863	219	1095	274	1370	666	3328

	Sawoor	621327	503	565		1068	59	297	0	0	154	771	214	1068
	Heggangera	621365	164	148		312	15	76	17	87	30	149	62	312
Killankera	Goudgera	621328	888	873		1761	107	533	102	510	144	718	352	1761
	Kilenkera	621329	1048	1059		2107	92	462	16	82	313	1563	421	2107
	Kudlur	621366	1371	1368		2739	124	619	241	1207	183	913	548	2739
Azalapur	Azalapur	621361	1098	1156		2254	73	363	1	6	377	1885	451	2254
	Chaler	621362	457	454		911	58	291	0	0	124	620	182	911
	Badepalli	621369	1865	1928		3793	277	1385	3	13	479	2395	759	3793
Saidapur	Rampur	621367	195	201		396	16	79	0	0	63	317	79	396
	Balched	621368	1262	1201		2463	108	539	24	121	361	1803	493	2463
	Rachanhalli	621373	136	134		270	14	69	0	0	40	201	54	270
	Kyathanhalli	621375	302	329		631	70	349	12	58	45	224	126	631
	Saidapur (CT)	621388	2726	2706		5432	160	798	45	224	882	4410	1086	5432
Belgunda	Anur	621363	479	466		945	62	309	0	0	127	636	189	945
	Anur(K)	621364	584	578		1162	58	289	0	0	175	873	232	1162
	Belgunda	621376	856	876		1732	144	720	5	27	197	985	346	1732
	Bhimenhalli	621377	309	329		638	22	110	0	2	105	526	128	638
	Gondadgi	621378	563	542		1105	51	256	0	0	170	849	221	1105
	Sangwar	621379	526	504		1030	31	154	3	15	172	861	206	1030
	Kondapur	621381	151	178		329	17	84	2	8	47	237	66	329
Badiyal	Sourashtrahalli	621370	472	482		954	16	80	0	0	175	874	191	954
	Mungal	621374	665	654		1319	54	270	0	0	210	1049	264	1319
	Shattihalli	621380	276	271		547	21	104	1	6	87	437	109	547
	Gudur	621382	308	323		631	6	31	2	8	118	592	126	631
	Badiyal	621383	1619	1658		3277	67	335	0	0	588	2942	655	3277
Kadechur	Kadechur	621371	1994	1959		3953	106	532	0	0	684	3421	791	3953
	Dadal	621372	104	89		193	20	101	0	0	18	92	39	193
	Mavinhalli	621384	189	191		380	0	0	0	0	76	380	76	380

	Bomraldoddi	621385	254	261		515	0	0	0	0	103	515	103	515
	Duppalli	621386	1294	1319		2613	88	441	31	155	403	2017	523	2613
	Chandapur	621387	727	651		1378	0	0	0	1	275	1377	276	1378
Taluka Total			129651	132261	46265	887598	14685	73427	5564	27822	157270	786349	177520	887598

Source: Population Census, 2011

1b: Demography of Shorapur Taluk

Name of the Gram Panchayat	Name of the Villages Covered	Code of the Villages Covered	Population				SC		ST		General		Total	
			Male	Female	CH (0-6)	Total	No. of Households	No of Members	No. of Households	No. of Members	No. of Households	No. of Members	No. of Households	No. of Members
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>7</i>	<i>6</i>	<i>8</i>	<i>9</i>	<i>10</i>	<i>11</i>	<i>12</i>	<i>13</i>	<i>14</i>	<i>15</i>
Malla B	Chitaknal	620876	0	0	0	0	0	0	0	0	0	0	0	0
	Hadnoor	620877	1226	1243	369	2469	84	418	65	325	345	1726	494	2469
	Malla K	620878	262	256	76	518	13	67	1	6	89	445	104	518
	Malla B	620879	1313	1247	417	2560	101	506	41	206	370	1848	512	2560
	Gogaddihal	620884	238	221	85	459	5	23	52	261	35	175	92	459
Total			3039	2967	947	6006	203	1014	160	798	839	4194	1201	6006
Yevoor	Yevoor	620880	1865	1861	494	3726	248	1240	106	530	391	1956	745	3726
	Dandsollapur	620881	615	600	179	1215	82	411	48	240	113	564	243	1215
	Sevanagar	620882	938	914	337	1852	365	1825	0	0	5	27	370	1852
	Khanapur S K	620883	651	689	239	1340	60	299	6	28	203	1013	268	1340
Total			4069	4064	1249	8133	755	3775	160	798	712	3560	1627	8133
Naganoor	Nagnoor	620885	3061	2953	982	6014	187	934	185	924	831	4156	1203	6014
	Goudgera	620886	1598	1598	570	3196	59	293	401	2007	179	896	639	3196
Total			4659	4551	1552	9210	245	1227	586	2931	1010	5052	1842	9210
Yalgi	Yalgi	620875	2626	2624	742	5250	138	692	66	332	845	4226	1050	5250
	Shivaji Nagar	620890	724	673	246	1397	279	1396	0	0	0	1	279	1397
Total			3350	3297	988	6647	418	2088	66	332	845	4227	1329	6647
Yaktapur	Wandagnoor	620874	547	523	175	1070	57	286	0	0	157	784	214	1070
	Bevinal S K	620891	116	120	31	236	36	178	0	0	12	58	47	236

	Chincholi	620892	665	607	213	1272	107	537	1	3	146	732	254	1272
	Doranhalli	620893	106	99	42	205	4	21	3	16	34	168	41	205
	M Bommanahalli	620894	733	695	203	1428	61	305	1	4	224	1119	286	1428
	Yaktapur	620895	551	567	164	1118	39	195	101	507	83	416	224	1118
	Ainapur	620896	340	334	112	674	22	109	65	324	48	241	135	674
	Malkapur	620897	121	121	35	242	2	11	0	0	46	231	48	242
	Alhal	620898	508	536	148	1044	78	392	1	4	130	648	209	1044
	Kachapur	620901	300	301	80	601	31	154	0	0	89	447	120	601
	Kadhalli	620903	0	0	0	0	0	0	0	0	0	0	0	0
Total			3987	3903	1203	7890	438	2188	172	858	969	4844	1578	7890
Kembhavi	Kembhavi	620889	8808	8538	2809	17346	561	2805	230	1148	2679	13393	3469	17346
Parasanahalli	Kirdhalli	620887	1467	1477	538	2944	175	875	105	523	309	1546	589	2944
	Parasanhalli	620888	1449	1371	471	2820	123	613	87	433	355	1774	564	2820
	Malhalli	620905	572	520	154	1092	38	189	4	18	177	885	218	1092
Total			3488	3368	1163	6856	335	1677	195	974	841	4205	1371	6856
Malagatti	Jainapur	620908	628	558	196	1186	23	116	141	704	73	366	237	1186
	Godrihal	620909	756	734	242	1490	42	208	137	685	119	597	298	1490
	Heggandoddi	620910	751	747	238	1498	20	102	136	678	144	718	300	1498
	Malagatti	620911	1040	1017	288	2057	116	579	100	499	196	979	411	2057
	Tippanatgi	620912	747	697	254	1444	35	173	144	722	110	549	289	1444
	Mavinmatti	621034	631	607	182	1238	24	118	27	133	197	987	248	1238
	Chigrihal	621035	588	611	187	1199	14	72	75	374	151	753	240	1199
Total			5141	4971	1587	10112	274	1368	759	3795	990	4949	2022	10112
Karadkal	Nadkoor	620906	353	355	113	708	14	72	10	49	117	587	142	708
	Karadkal	620907	1558	1596	528	3154	75	377	159	796	396	1981	631	3154

Total			1911	1951	641	3862	90	449	169	845	514	2568	772	3862
Mudnoor K	Fathepur	620902	353	365	126	718	8	39	28	142	107	537	144	718
	Murakanal	620904	113	113	39	226	1	3	0	2	44	221	45	226
	Mudnoor B	620916	1330	1327	399	2657	53	267	3	13	475	2377	531	2657
	Mudnoor K	620917	1673	1535	463	3208	115	577	9	45	517	2586	642	3208
	Rampur	620918	244	265	77	509	27	133	2	8	74	368	102	509
	Yediapur	620919	743	692	229	1435	39	196	11	57	236	1182	287	1435
Total			4456	4297	1333	8753	243	1215	53	267	1454	7271	1751	8753
Agni	Bendartalahalli	620899	611	596	164	1207	24	121	99	497	118	589	241	1207
	Huvinhalli	620900	314	327	94	641	41	203	14	71	73	367	128	641
	Amlihal	620913	605	606	184	1211	33	166	35	174	174	871	242	1211
	Agni	620914	1074	1057	320	2131	76	382	2	8	348	1741	426	2131
	Handral	620915	119	113	25	232	8	40	0	1	38	191	46	232
	Badlapur-Becharak	620924	115	96	23	211	1	6	0	0	41	205	42	211
	Agatheerth	620925	546	517	161	1063	54	272	4	21	154	770	213	1063
	Karibhavi	620926	501	522	160	1023	15	76	61	305	128	642	205	1023
Total			3885	3834	1131	7719	253	1266	215	1077	1075	5376	1544	7719
Baichbal	Kudalagi	620920	1156	1103	346	2259	68	341	108	538	276	1380	452	2259
	Kanhalli	620921	1881	1859	569	3740	67	337	130	649	551	2754	748	3740
	Baichbal	620929	1090	1157	382	2247	51	256	20	102	378	1889	449	2247
Total			4127	4119	1297	8246	187	934	258	1289	1205	6023	1649	8246
Devargonal	Siddapur	621015	1000	974	368	1974	10	49	280	1398	105	527	395	1974
	Devargonal	621037	1621	1622	543	3243	110	548	325	1624	214	1071	649	3243
	Machgundal	621038	906	848	308	1754	16	79	133	666	202	1009	351	1754

	Badyapur	621039	1007	1040	375	2047	56	279	266	1332	87	436	409	2047
	Bahirimaddi	621040	729	700	280	1429	48	242	19	93	219	1094	286	1429
Total			5263	5184	1874	10447	239	1197	1023	5113	827	4137	2089	10447
Devikera	Rattal	621041	1273	1219	488	2492	64	318	68	342	366	1832	498	2492
	Devikera	621042	1190	1141	463	2331	68	339	13	63	386	1929	466	2331
	Hasanapur	621043	0	0	0	0	0	0	0	0	0	0	0	0
Total			2463	2360	951	4823	131	657	81	405	752	3761	965	4823
Arkera Khalasa	Bijaspur	621051	1218	1222	316	2440	164	820	109	545	215	1075	488	2440
	Arkera Khalsa	621052	1664	1632	578	3296	121	607	151	756	387	1933	659	3296
	Vankihal	621053	0	0	0	0	0	0	0	0	0	0	0	0
Total			2882	2854	894	5736	285	1427	260	1301	602	3008	1147	5736
Wangera	Bommanhalli	621045	780	749	309	1529	80	399	196	980	30	150	306	1529
	Wangera	621049	1687	1682	594	3369	136	681	183	916	354	1772	674	3369
	Talwagera	621050	896	998	349	1894	55	276	136	678	188	940	379	1894
Total			3363	3429	1252	6792	271	1356	515	2574	572	2862	1358	6792
Pethammapur	Jalibenchi	621036	923	976	299	1899	69	346	39	194	272	1359	380	1899
	Mangaloor	621046	1284	1225	474	2509	37	185	50	248	415	2076	502	2509
	Pethammapur	621048	1919	2012	597	3931	89	443	43	216	654	3272	786	3931
Total			4126	4213	1370	8339	195	974	132	658	1341	6707	1668	8339
Kachaknoor	Kachaknoor	620930	897	924	323	1821	75	376	79	397	210	1048	364	1821
	Chikanahalli	620996	1131	1047	384	2178	71	355	39	197	325	1626	436	2178
	Bachimatti	620999	753	746	201	1499	90	449	2	11	208	1039	300	1499
	Benakanhalli	621000	583	569	171	1152	61	305	60	301	109	546	230	1152
	Kurubantalahalli	621047	493	485	162	978	23	116	33	166	139	696	196	978
Total			3857	3771	1241	7628	320	1601	214	1072	991	4955	1526	7628

Arkera J	Tegghalli	620922	489	510	144	999	41	206	1	4	158	789	200	999
	Shakhapur	620923	461	506	145	967	26	132	148	742	19	93	193	967
	Sadab	620927	601	559	196	1160	42	209	0	0	190	951	232	1160
	Arkera J	620928	1124	1080	334	2204	98	491	83	415	260	1298	441	2204
	Yedhalli	620931	1531	1498	517	3029	170	850	109	546	327	1633	606	3029
Total			4206	4153	1336	8359	378	1888	341	1707	953	4764	1672	8359
Kolihal	Gundalgera	620932	881	886	290	1767	64	319	0	1	289	1447	353	1767
	Ramnagar	620934	1074	1050	410	2124	373	1864	15	76	37	184	425	2124
	Kolihal	620935	1100	1011	358	2111	76	380	31	153	316	1578	422	2111
	Islampur	620936	962	903	302	1865	57	283	18	92	298	1490	373	1865
	Salgunda D	620933	0	0	0	0	0	0	0	0	0	0	0	0
Total			4017	3850	1360	7867	569	2846	64	322	940	4699	1573	7867
Khanapur	Khanapur	621054	2110	2204	805	4314	177	884	102	511	584	2919	863	4314
	Kumbharpeth	621056	24	25	13	49	0	0	0	0	10	49	10	49
	Kaudimatti	621057	999	955	324	1954	37	187	3	16	350	1751	391	1954
	Godihal Jagir	621060	171	158	45	329	1	6	18	92	46	231	66	329
Total			3304	3342	1187	6646	215	1077	124	619	990	4950	1329	6646
Hemnoor	Lingadhalli	621064	381	379	154	760	33	165	72	359	47	236	152	760
	Halgera	621065	493	514	181	1007	61	303	84	419	57	285	201	1007
	Shakhapur	621066	464	460	194	924	25	124	96	482	64	318	185	924
	Hemnoor	621067	1569	1473	525	3042	123	616	281	1406	204	1020	608	3042
Total			2907	2826	1054	5733	242	1208	533	2666	372	1859	1147	5733
Aldhal	Bonal	620997	1133	1102	368	2235	195	974	0	1	252	1260	447	2235
	Mangihal	620998	587	555	199	1142	33	165	45	225	150	752	228	1142
	Handral	621003	253	252	67	505	26	129	0	0	75	376	101	505

	Gonal	621004	301	291	60	592	17	87	1	3	100	502	118	592
	Aldhal	621005	1408	1353	415	2761	61	306	42	209	449	2246	552	2761
	Rajapur D	621006	4	2	1	6	0	0	0	0	1	6	1	6
	Nagaral	621007	800	751	300	1551	75	377	2	9	233	1165	310	1551
	Havinal	621058	338	359	104	697	40	199	0	0	100	498	139	697
	Kagarhal	621059	11	8	3	19	0	0	0	0	4	19	4	19
Total			4835	4673	1517	9508	447	2237	89	447	1365	6824	1902	9508
Devatkal	Devatkal	621001	1512	1556	506	3068	79	396	82	408	453	2264	614	3068
	Konal	621002	732	773	208	1505	64	319	0	0	237	1186	301	1505
	Halbhavi	621012	578	610	203	1188	30	150	82	410	126	628	238	1188
	Godhihal T	621013	299	362	70	661	29	145	26	131	77	385	132	661
	Raigera	621014	301	287	120	588	14	71	79	395	24	122	118	588
	Channapattan	621019	485	497	135	982	38	190	96	478	63	314	196	982
	Kade Kamat Konal	621011	0	0	0	0	0	0	0	0	0	0	0	0
Total			3907	4085	1242	7992	254	1271	364	1822	980	4899	1598	7992
Hebbal B	Kaldevanhalli	620938	1378	1247	357	2625	107	535	13	63	405	2027	525	2625
	Hebbal B	620994	1177	1095	318	2272	90	450	24	122	340	1700	454	2272
	Hebbal K	620995	465	474	115	939	42	209	24	119	122	611	188	939
	Rajunagar	621016	790	717	307	1507	300	1498	0	0	2	9	301	1507
	Bhailapur	621017	256	230	88	486	6	29	88	439	4	18	97	486
	Siddapur G	621044	700	743	231	1443	0	0	98	490	191	953	289	1443
Total			4766	4506	1416	9272	544	2721	247	1233	1064	5318	1854	9272
Wajjal	Channur	620939	681	628	210	1309	103	516	8	39	151	754	262	1309
	Wajjal	620940	2031	1993	564	4024	219	1094	35	177	551	2753	805	4024

	Shrinivasapur	620946	829	752	344	1581	88	442	149	744	79	395	316	1581
	Manjlapur	620950	525	521	203	1046	24	119	9	47	176	880	209	1046
Total			4066	3894	1321	7960	434	2171	201	1007	956	4782	1592	7960
Malnoor	Devapur J	620942	224	222	52	446	0	0	1	6	88	440	89	446
	Banhatti	620943	396	417	125	813	17	87	111	557	34	169	163	813
	Maralbhavi	620953	619	558	180	1177	26	130	34	168	176	879	235	1177
	Malnoor	620954	915	842	268	1757	67	336	54	269	230	1152	351	1757
	Gulbal	620955	928	841	257	1769	44	219	200	1000	110	550	354	1769
	Kuppi	620956	480	450	141	930	43	214	54	270	89	446	186	930
	Dyamnal	620957	603	557	178	1160	25	123	50	250	157	787	232	1160
	Katapur- Becharak	620941	0	0	0	0	0	0	0	0	0	0	0	0
Khojapur D	620944	0	0	0	0	0	0	0	0	0	0	0	0	
Total			4165	3887	1201	8052	222	1109	504	2520	885	4423	1610	8052
Hunasagi	Bhagyanagar	620937	453	395	167	848	169	847	0	0	0	1	170	848
	Hunasagi	620945	7167	6780	2015	13947	393	1964	256	1280	2141	10703	2789	13947
Total			7620	7175	2182	14795	562	2811	256	1280	2141	10704	2959	14795
Devapur	Devapur	621008	2264	2302	656	4566	249	1244	101	503	564	2819	913	4566
	Kampapur	621009	20	26	1	46	0	0	1	7	8	39	9	46
	Aralhalli	621010	687	698	216	1385	60	298	155	776	62	311	277	1385
	Shalgi	621061	703	707	203	1410	98	492	31	157	152	761	282	1410
	Mushtalli	621070	461	488	117	949	67	336	7	33	116	580	190	949
Total			4135	4221	1193	8356	474	2370	295	1476	902	4510	1671	8356
Sugur	Chandlapur	621062	785	732	292	1517	32	159	103	515	169	843	303	1517
	Kuppgal	621063	401	426	154	827	29	146	136	678	1	3	165	827

	Karnal	621068	662	736	277	1398	45	224	192	959	43	215	280	1398
	Choudeshwarhal	621069	640	567	236	1207	40	199	124	619	78	389	241	1207
	Bevinhal	621071	540	528	219	1068	55	273	91	455	68	340	214	1068
	Sugur	621072	669	642	185	1311	58	289	30	149	175	873	262	1311
	Hemwadgi	621073	454	483	126	937	44	221	8	41	135	675	187	937
	Adwadgi	621074	510	514	203	1024	30	148	133	664	42	212	205	1024
Total			4661	4628	1692	9289	332	1659	816	4080	710	3550	1858	9289
Tinithini	Santpur	621020	1186	1101	404	2287	46	228	11	53	401	2006	457	2287
	Tinithini	621021	1111	1151	335	2262	49	247	33	165	370	1850	452	2262
	Dadlapur	621022	393	380	132	773	24	122	82	409	48	242	155	773
	Bandoli	621023	484	405	183	889	6	32	140	699	32	158	178	889
	Hunsiholi	621024	645	624	195	1269	54	272	11	53	189	944	254	1269
	Lingadhalli	621033	536	515	184	1051	11	55	165	823	35	173	210	1051
Total			4355	4176	1433	8531	191	956	440	2202	1075	5373	1706	8531
Kakkera	Manjlapur K	621018	506	512	179	1018	24	120	8	41	171	857	204	1018
	Kakkera	621025	11065	10709	3878	21774	329	1647	1818	9089	2208	11038	4355	21774
Total			11571	11221	4057	22792	353	1767	1826	9130	2379	11895	4558	22792
Kamnatgi	Kangandanhalli	620947	519	473	184	992	121	603	27	135	51	254	198	992
	Balshettihal	620948	1364	1297	423	2661	53	267	40	201	439	2193	532	2661
	Kamnatgi	620949	1636	1718	570	3354	90	448	80	398	502	2508	671	3354
	Hammnal	621026	287	275	118	562	75	373	6	28	32	161	112	562
	Hombalkal	621028	350	331	120	681	9	46	7	36	120	599	136	681
	Sonnapur	621029	246	230	100	476	48	238	40	200	8	38	95	476
	Jairamnagar	621030	618	611	277	1229	238	1190	0	0	8	39	246	1229
Total			5020	4935	1792	9955	633	3165	200	998	1158	5792	1991	9955

Rajankollur	Rajankollur	620958	2608	2660	757	5268	392	1958	97	483	565	2827	1054	5268
	Teerth	620959	501	493	167	994	36	181	100	500	63	313	199	994
	Toldinni	621027	427	420	142	847	51	255	79	393	40	199	169	847
Total			3536	3573	1066	7109	479	2394	275	1376	668	3339	1422	7109
Hagratgi	Hagratgi	620952	1477	1443	447	2920	43	214	32	159	509	2547	584	2920
	Boodhihal	620960	1191	1115	356	2306	72	359	106	531	283	1416	461	2306
	Horatti	620961	685	673	239	1358	6	31	103	517	162	810	272	1358
Total			3353	3231	1042	6584	121	604	241	1207	955	4773	1317	6584
Bardevanal	Bapparga	620951	886	864	335	1750	10	51	13	65	327	1634	350	1750
	Uppaldinni	620962	249	264	94	513	34	170	54	270	15	73	103	513
	Kurekhal	620963	524	504	174	1028	48	240	60	300	98	488	206	1028
	Yerkihal	620966	827	752	304	1579	161	806	124	621	30	152	316	1579
	bardevanal	620970	1634	1553	587	3187	381	1905	150	748	107	534	637	3187
Total			4120	3937	1494	8057	634	3172	401	2004	576	2881	1611	8057
Kodekal	Kodekal	620971	3724	3521	1080	7245	234	1170	275	1375	940	4700	1449	7245
	Rayanpala	620972	732	731	339	1463	167	837	112	562	13	64	293	1463
Total			4456	4252	1419	8708	401	2007	387	1937	953	4764	1742	8708
Bailkunti	Rajwal	620973	502	478	144	980	7	37	136	681	52	262	196	980
	Bammangudda	620974	771	785	309	1556	60	302	95	475	156	779	311	1556
	Bailkunti	620975	824	836	259	1660	28	141	190	948	114	571	332	1660
	Kudedral	620978	692	688	281	1380	48	241	143	716	85	423	276	1380
	Krishnanagar	620979	640	632	283	1272	250	1252	0	0	4	20	254	1272
	Hanamsagar	620980	674	678	282	1352	44	218	131	654	96	480	270	1352
Total			4103	4097	1558	8200	438	2191	695	3474	507	2535	1640	8200

Geddalmari	Devatinagr	620976	649	625	287	1274	248	1241	0	0	7	33	255	1274
	Geddalmari	620977	1131	1141	442	2272	156	778	146	731	153	763	454	2272
	Jumalpur	620982	608	617	225	1225	123	616	65	323	57	286	245	1225
	Dharmapur	620983	456	539	224	995	193	966	0	0	6	29	199	995
	Yedalbhavi	621031	398	340	128	738	34	171	52	262	61	305	148	738
	Benchigaddi	621032	502	498	243	1000	4	20	188	941	8	39	200	1000
Total			3744	3760	1549	7504	758	3792	451	2257	291	1455	1501	7504
Marnal	Madlinganal	620964	866	864	375	1730	31	156	161	804	154	770	346	1730
	Bassapur	620965	159	144	45	303	2	12	34	171	24	120	61	303
	Yenniwadgera	620967	1101	1073	386	2174	32	161	19	94	384	1919	435	2174
	Marnal	620968	553	527	142	1080	63	316	19	96	134	668	216	1080
	Mailapur	620969	749	693	297	1442	288	1441	0	0	0	1	288	1442
	Kamalpur	620988	415	377	148	792	11	54	0	1	147	737	158	792
Total			3843	3678	1393	7521	428	2140	233	1166	843	4215	1504	7521
Jogundabhavi	Hullikera	620981	288	312	128	600	20	98	25	124	76	378	120	600
	Ammapur S K	620984	406	376	141	782	24	118	43	216	90	448	156	782
	Rayangola	620986	800	769	300	1569	93	467	116	581	104	521	314	1569
	Jogundabhavi	620987	2033	1955	828	3988	520	2598	0	0	278	1390	798	3988
	Kottiguda	620989	535	503	194	1038	5	25	38	188	165	825	208	1038
Total			4062	3915	1591	7977	661	3306	222	1109	712	3562	1595	7977

Narayanpurrura 1	Tangadbail	620985	162	183	58	345	4	22	56	278	9	45	69	345
	Hanuman nagar	620990	390	358	142	748	147	733	0	0	3	15	150	748
	Narayanpur Rural	620991	3119	3198	914	6317	231	1154	198	991	834	4172	1263	6317
	Melingaddi	620992	474	483	138	957	12	61	25	126	154	770	191	957
	Jangingaddi	620993	631	581	186	1212	21	107	131	653	90	452	242	1212
Total			4776	4803	1438	9579	415	2077	410	2048	1091	5454	1916	9579
Taluka Total			173594	169951	57206	343545	15070	75352	14635	73174	39004	195019	68709	34354 5

1c: Demography of Yadgir Taluk

Name of the Gram Panchayat	Name of the Villages Covered	Code of the Villages Covered	Population				Total	SC		ST		General		Total	
			M	F	CH (0-6)	No of Households		No of Members	No of Households	No of Members	No of Households	No of Members	No of Households	No of Members	
1	2	3	4	5	7	6	8	9	10	11	12	13	14	15	
Yergol	Yergol	621229	4257	4297	1325	8554	371	1857	40	198	1300	6499	1711	8554	
Motenhalli	Motenhalli	621233	1986	1984	693	3970	211	1057	77	387	505	2526	794	3970	
	Khanapur-Hosalli	621234	708	721	237	1429	31	156	0	0	255	1273	286	1429	
	Chintkunta	621235	762	835	301	1597	36	180	4	21	279	1396	319	1597	
	Kotgera	621236	1476	1487	489	2963	14	70	64	319	515	2574	593	2963	
	Pattapur	621237	0	0	0	0	0	0	0	0	0	0	0	0	
Total			9189	9324	3045	18513	664	3320	185	925	2854	14268	3703	18513	
Gajarkot	Rampur(G)	621257	991	1022	347	2013	67	333	12	59	324	1621	403	2013	
	Shivapur	621258	784	753	292	1537	5	27	90	449	212	1061	307	1537	
	Gajarkot	621259	2696	2725	819	5421	328	1641	1	3	755	3777	1084	5421	
	Devarahalli	621260	664	705	231	1369	5	25	0	0	269	1344	274	1369	
Total			5135	5205	1689	10340	405	2026	102	511	1561	7803	2068	10340	
Kakalwar	Siddapur B	621261	543	551	165	1094	20	102	0	0	198	992	219	1094	
	Mith Tiptampalli	621262	614	611	172	1225	116	582	0	0	129	643	245	1225	
	Kakalwar	621263	1177	1269	372	2446	87	434	1	5	401	2007	489	2446	
	Budur	621277	626	658	160	1284	32	159	0	1	225	1124	257	1284	

	Borbanda	621279	677	680	223	1357	215	1077	0	0	56	280	271	1357
Total			3637	3769	1092	7406	471	2354	1	6	1009	5046	1481	7406
Chandarki	Chandarki	621281	2232	2307	588	4539	245	1225	0	0	663	3314	908	4539
	Madepalli	621282	420	409	102	829	28	139	0	0	138	690	166	829
	Keshwar	621283	1074	1059	267	2133	86	429	0	0	341	1704	427	2133
Total			3726	3775	957	7501	359	1793	0	0	1142	5708	1500	7501
Chapetla	Chapetla	621265	1165	1180	298	2345	117	585	0	1	352	1759	469	2345
	Yadlapur	621266	798	833	206	1631	74	369	0	0	252	1262	326	1631
	Kamalnagar	621267	812	798	280	1610	320	1598	0	0	2	12	322	1610
	Subhashnagar	621268	672	661	269	1333	266	1332	0	0	0	1	267	1333
	Himalpur	621276	855	851	210	1706	67	335	3	16	271	1355	341	1706
Total			4302	4323	1263	8625	844	4219	3	17	878	4389	1725	8625
Hattikuni	Bachwar	621230	937	893	318	1830	149	745	159	793	58	292	366	1830
	Hattikuni	621240	3002	2838	994	5840	199	997	272	1359	697	3484	1168	5840
	Venkateshwar nagar	621241	734	689	268	1423	231	1154	0	0	54	269	285	1423
	Samnapur	621242	543	515	187	1058	209	1045	0	0	3	13	212	1058
	Yekkihalli	621231	0	0	0	0	0	0	0	0	0	0	0	0
	Bagalmadu	621232	0	0	0	0	0	0	0	0	0	0	0	0
Total			5216	4935	1767	10151	788	3941	430	2152	812	4058	2030	10151
Allipur	Kanchgarhalli	621247	982	926	404	1908	223	1115	102	509	57	284	382	1908
	Alipur	621248	1716	1722	591	3438	264	1322	0	0	423	2116	688	3438
	Horencha	621249	1219	1151	436	2370	209	1043	4	19	262	1308	474	2370
Total			3917	3799	1431	7716	696	3480	106	528	742	3708	1543	7716
Arkera B	Achola	621225	546	601	197	1147	82	412	99	497	48	238	229	1147

	Siddarthnagar	621226	301	287	109	588	117	584	0	0	1	4	118	588
	Arkera(B)	621227	1067	1085	324	2152	191	954	0	0	240	1198	430	2152
	Wadenhalli	621228	989	1021	344	2010	137	686	142	709	123	615	402	2010
	Khanhalli	621244	666	637	232	1303	79	397	59	296	122	610	261	1303
	Baswanthpur	621245	369	370	162	739	28	141	96	481	23	117	148	739
	Balajinagar	621246	405	407	131	812	160	798	0	0	3	14	162	812
Total			4343	4408	1499	8751	794	3972	397	1983	559	2796	1750	8751
Bandhalli	Chamenhalli	621250	984	1052	394	2036	202	1009	11	54	195	973	407	2036
	Bandhalli	621251	2044	1994	767	4038	189	943	17	85	602	3010	808	4038
	Yedhalli	621252	1272	1300	390	2572	133	664	67	336	314	1572	514	2572
Total			4300	4346	1551	8646	523	2616	95	475	1111	5555	1729	8646
Hongera	Sutarhosalli	621238	1068	1025	420	2093	157	783	13	63	249	1247	419	2093
	Katgi Shahapur	621239	1013	979	373	1992	98	491	0	0	300	1501	398	1992
	Hongera	621253	2863	2892	1103	5755	200	1001	0	0	951	4754	1151	5755
Total			4944	4896	1896	9840	455	2275	13	63	1500	7502	1968	9840
Putpak	Dantapur	621284	609	623	156	1232	61	304	0	1	185	927	246	1232
	Jawaharnagar	621285	630	554	215	1184	236	1180	0	0	1	4	237	1184
	Mallapur	621286	227	241	81	468	50	250	1	4	43	214	94	468
	Putpak	621287	1724	1893	523	3617	149	744	2	9	573	2864	723	3617
Total			3190	3311	975	6501	496	2478	3	14	802	4009	1300	6501
Minasapur	Nazrapur	621280	1018	973	222	1991	170	848	0	0	229	1143	398	1991
	Minasapur	621342	1184	1241	310	2425	137	683	77	383	272	1359	485	2425
	Muslapalli	621343	177	205	41	382	22	110	0	0	54	272	76	382
Total			2379	2419	573	4798	328	1641	77	383	555	2774	960	4798
Chinakar	Gunjunur	621338	773	772	227	1545	88	438	44	218	178	889	309	1545

	Bettadhalli	621339	414	442	157	856	86	431	0	0	85	425	171	856
	Dharmapur	621340	926	958	321	1884	158	792	0	1	218	1091	377	1884
	Chinakhar	621341	1071	1137	293	2208	115	576	30	149	297	1483	442	2208
	Siddapur K	621337	0	0	0	0	0	0	0	0	0	0	0	0
Total			3184	3309	998	6493	447	2237	74	368	778	3888	1299	6493
Kandkur	Kandkur	621273	1539	1595	425	3134	120	600	0	0	507	2534	627	3134
	Chintenpalli	621274	1764	1752	552	3516	205	1025	2	11	496	2480	703	3516
	Indiranagar	621275	245	215	77	460	92	458	0	0	0	2	92	460
Total			3548	3562	1054	7110	417	2083	2	11	1003	5016	1422	7110
Paspool	Yemphed	Yemphed	1196	1199	475	2395	134	670	56	281	289	1444	479	2395
	Tatelgera	Tatelgera	872	827	348	1699	72	362	35	174	233	1163	340	1699
	Magdampur	Magdampur	831	850	257	1681	166	832	115	576	55	273	336	1681
	Paspool	Paspool	974	944	304	1918	104	518	6	31	274	1369	384	1918
Total			3873	3820	1384	7693	476	2382	212	1062	850	4249	1539	7693
Munderga	Belgera	621254	2080	2027	818	4107	135	675	2	9	685	3423	821	4107
	Kurkumbal	621256	128	125	43	253	51	253	0	0	0	0	51	253
	Munderga	621299	2077	2068	208	4145	194	968	147	736	488	2441	829	4145
	Ashoknagar	621300	475	489	768	964	192	962	0	0	0	2	193	964
Total			4760	4709	1837	9469	572	2858	149	745	1173	5866	1894	9469
Mudnal	Kasapanhalli	621243	496	468	178	964	86	430	62	311	45	223	193	964
	Tumkur	621294	1176	1218	369	2394	47	236	15	75	417	2083	479	2394
	Mudnal	621295	1407	1466	567	2873	355	1776	81	407	138	690	575	2873
	Bhimnagar	621296	760	786	348	1546	307	1537	0	0	2	9	309	1546
Total			3839	3938	1462	7777	796	3979	159	793	601	3005	1555	7777

Thanagunda	Talak	621288	525	553	160	1078	84	419	52	260	80	399	216	1078
	Hedgimadra	621290	1132	1102	340	2234	94	468	163	813	191	953	447	2234
	Bomshathalli	621291	339	337	129	676	11	55	49	243	76	378	135	676
	Viswaspur	621292	683	669	230	1352	254	1269	0	0	17	83	270	1352
	Thangunda	621293	1094	1124	339	2218	33	163	141	703	270	1352	444	2218
	Nagnaikanhalli	621289	0	0	0	0	0	0	0	0	0	0	0	0
Total			3773	3785	1198	7558	475	2374	404	2019	633	3165	1512	7558
Workenhalli	Workenhalli	621306	1210	1269	487	2479	159	794	187	935	150	750	496	2479
	Mazra-Hosalli	621308	503	480	170	983	67	336	76	381	53	266	197	983
	Poglapur	621310	591	578	205	1169	47	237	37	184	150	748	234	1169
	Koilur	621311	837	822	263	1659	91	453	109	547	132	659	332	1659
Total			3141	3149	1125	6290	364	1820	409	2047	485	2423	1258	6290
Ramsamudra	Ashinal	621255	1836	1790	614	3626	237	1183	60	300	429	2143	725	3626
	Ramasamudra	621302	2651	2689	950	5340	298	1490	246	1228	524	2622	1068	5340
	Panchasheelanagar	621303	292	273	121	565	113	565	0	0	0	0	113	565
Total			4779	4752	1685	9531	648	3238	306	1528	953	4765	1906	9531
Arkera K	Arkera(K)	621304	1515	1525	524	3040	246	1228	3	13	360	1799	608	3040
	Mailapur	621305	992	960	365	1952	70	350	1	4	320	1598	390	1952
Total			2507	2485	889	4992	316	1578	3	17	679	3397	998	4992
Konkal	Konkal	621345	2222	2261	608	4483	107	533	1	7	789	3943	897	4483
	Devanalli	621346	235	247	47	482	25	123	30	148	42	211	96	482
	Nandepalli	621349	900	891	252	1791	29	146	12	62	317	1583	358	1791
Total			3357	3399	907	6756	160	802	43	217	1147	5737	1351	6756
Anpur	Anpur	621344	1604	1643	434	3247	115	573	49	244	486	2430	649	3247

	Nasalwai	621352	1039	1116	247	2155	93	466	1	7	336	1682	431	2155
	Narsapur	621351	0	0	0	0	0	0	0	0	0	0	0	0
Total			2643	2759	681	5402	208	1039	50	251	822	4112	1080	5402
Yellheri	Yelahar	621318	2520	2461	775	4981	329	1644	10	51	657	3286	996	4981
	Ghanpur	621319	648	694	229	1342	12	60	0	0	256	1282	268	1342
	Gopalpur	621320	660	723	259	1383	30	148	2	8	245	1227	277	1383
	Totlur	621321	339	394	128	733	61	304	0	0	86	429	147	733
	Nawaburz	621336	38	44	19	82	0	0	0	0	16	82	16	82
Total			4205	4316	1410	8521	431	2156	12	59	1261	6306	1704	8521
Halgera	Maskehalli	621301	328	349	87	677	24	118	26	130	86	429	135	677
	Halgera	621312	1467	1447	453	2914	230	1152	112	561	240	1201	583	2914
	Raisabad Hosahalli	621313	1197	1209	481	2406	216	1081	75	377	190	948	481	2406
Total			2992	3005	1021	5997	470	2351	214	1068	516	2578	1199	5997
Koulur	Mustur	621309	1020	1024	335	2044	47	236	194	971	167	837	409	2044
	Koulur	621314	1271	1356	488	2627	53	265	19	95	453	2267	525	2627
	Shettikera	621315	1051	1091	385	2142	42	208	1	4	386	1930	428	2142
	Zinkera	621316	1715	1704	709	3419	326	1630	167	835	191	954	684	3419
Total			5057	5175	1917	10232	468	2339	381	1905	1198	5988	2046	10232
Balichakra	Nagalapur	621317	837	852	364	1689	35	175	129	644	174	870	338	1689
	Balichakkar	621324	3472	3493	1165	6965	348	1740	118	588	927	4637	1393	6965
Total			4309	4345	1529	8654	383	1915	246	1232	1101	5507	1731	8654
Yelsatti	Wadwat	621335	445	442	124	887	53	263	0	1	125	623	177	887
	Yelsathi	621348	1183	1250	374	2433	158	789	9	43	320	1601	487	2433
	Karengi	621354	1240	1279	448	2519	128	638	2	10	374	1871	504	2519

	Torentippa	621355	782	750	209	1532	44	220	0	0	262	1312	306	1532
	Sultanpur	621347	0	0	0	0	0	0	0	0	0	0	0	0
Total			3650	3721	1155	7371	382	1910	11	54	1081	5407	1474	7371
Jaigram	Kuntimari	621350	329	332	84	661	19	95	0	0	113	566	132	661
	Gurnur	621353	426	441	108	867	67	334	0	0	107	533	173	867
	Jaigram	621357	801	853	258	1654	105	524	0	0	226	1130	331	1654
	Sanklapur	621358	606	586	160	1192	29	146	2	8	208	1038	238	1192
	Edlur	621359	649	664	194	1313	50	248	3	15	210	1050	263	1313
	Turkandoddi	621360	576	513	154	1089	19	96	0	0	199	993	218	1089
	Hulibeta	621356	0	0	0	0	0	0	0	0	0	0	0	0
Total			3387	3389	958	6776	289	1443	5	23	1062	5310	1355	6776
Madhwar	Madhwar	621322	1605	1595	496	3200	77	385	16	79	547	2736	640	3200
	Gudalgunta	621332	523	477	176	1000	19	94	0	0	181	906	200	1000
	Sambar	621333	880	821	284	1701	65	323	34	169	242	1209	340	1701
	Wanksambar	621334	1264	1294	412	2558	124	622	0	0	387	1936	512	2558
Total			4272	4187	1368	8459	285	1424	50	248	1357	6787	1692	8459
Kalebelgunda	Kale-Belgunda	621323	1313	1406	470	2719	66	332	90	451	387	1936	544	2719
	Neelhalli	621330	1058	1059	315	2117	46	230	67	334	311	1553	423	2117
	Kanekal	621331	1565	1654	486	3219	188	938	49	243	408	2038	644	3219
Total			3936	4119	1271	8055	300	1500	206	1028	1105	5527	1611	8055
Malhar	Lingera	621325	604	579	172	1183	128	640	8	42	100	501	237	1183
	Malhar	621326	1581	1747	636	3328	173	863	219	1095	274	1370	666	3328
	Sawoor	621327	503	565	165	1068	59	297	0	0	154	771	214	1068
	Heggangera	621365	164	148	50	312	15	76	17	87	30	149	62	312
Total			2852	3039	1023	5891	375	1876	245	1224	558	2791	1178	5891

Killankera	Goudgera	621328	888	873	341	1761	107	533	102	510	144	718	352	1761
	Kilenkera	621329	1048	1059	351	2107	92	462	16	82	313	1563	421	2107
	Kudlur	621366	1371	1368	457	2739	124	619	241	1207	183	913	548	2739
Total			3307	3300	1149	6607	323	1614	360	1799	639	3194	1321	6607
Azalapur	Azalapur	621361	1098	1156	319	2254	73	363	1	6	377	1885	451	2254
	Chaler	621362	457	454	132	911	58	291	0	0	124	620	182	911
	Badepalli	621369	1865	1928	657	3793	277	1385	3	13	479	2395	759	3793
Total			3420	3538	1108	6958	408	2039	4	19	980	4900	1392	6958
Saidapur	Rampur	621367	195	201	64	396	16	79	0	0	63	317	79	396
	Balched	621368	1262	1201	405	2463	108	539	24	121	361	1803	493	2463
	Rachanhalli	621373	136	134	43	270	14	69	0	0	40	201	54	270
	Kyathanhalli	621375	302	329	106	631	70	349	12	58	45	224	126	631
	Saidapur (CT)	621388	2726	2706	848	5432	160	798	45	224	882	4410	1086	5432
Total			4621	4571	1466	9192	367	1834	81	403	1391	6955	1838	9192
Belgunda	Anur	621363	479	466	146	945	62	309	0	0	127	636	189	945
	Anur(K)	621364	584	578	188	1162	58	289	0	0	175	873	232	1162
	Belgunda	621376	856	876	250	1732	144	720	5	27	197	985	346	1732
	Bhimenhalli	621377	309	329	103	638	22	110	0	2	105	526	128	638
	Gondadgi	621378	563	542	178	1105	51	256	0	0	170	849	221	1105
	Sangwar	621379	526	504	198	1030	31	154	3	15	172	861	206	1030
	Kondapur	621381	151	178	41	329	17	84	2	8	47	237	66	329
Total			3468	3473	1104	6941	384	1922	10	52	993	4967	1388	6941
Badiyal	Sourashtrahalli	621370	472	482	127	954	16	80	0	0	175	874	191	954
	Mungal	621374	665	654	234	1319	54	270	0	0	210	1049	264	1319
	Shattihalli	621380	276	271	81	547	21	104	1	6	87	437	109	547

	Gudur	621382	308	323	101	631	6	31	2	8	118	592	126	631
	Badiyal	621383	1619	1658	509	3277	67	335	0	0	588	2942	655	3277
Total			3340	3388	1052	6728	164	820	3	14	1179	5894	1346	6728
Kadechur	Kadechur	621371	1994	1959	604	3953	106	532	0	0	684	3421	791	3953
	Dadal	621372	104	89	23	193	20	101	0	0	18	92	39	193
	Mavinhalli	621384	189	191	65	380	0	0	0	0	76	380	76	380
	Bomraddoddi	621385	254	261	95	515	0	0	0	0	103	515	103	515
	Duppalli	621386	1294	1319	403	2613	88	441	31	155	403	2017	523	2613
	Chandapur	621387	727	651	250	1378	0	0	0	1	275	1377	276	1378
Total			4562	4470	1440	9032	215	1074	31	156	1560	7802	1806	9032
Not Under any Panchayat	Yadgir(K)(Rural)	621297	25	12	9	37	0	0	7	37	0	0	7	37
	Yadgir(B)(Rural)	621307	71	70	17	141	8	41	1	4	19	96	28	141
	Gurmatkal(Rural)	621264	0	0	0	0	0	0	0	0	0	0	0	0
	Dastrabad	621298	0	0	0	0	0	0	0	0	0	0	0	0
	Narayanpur	621278	0	0	0	0	0	0	0	0	0	0	0	0
Total			96	82	26	178	8	41	8	41	19	96	36	178
Taluka Total			151156	152295	49955	303451	16953	84763	5088	25440	38650	193248	60690	303451

Source: Population Census, 2011

1.7a: Land Use Pattern- Shahapur Taluk

Name of the Gram Panchayat	Name of the Villages Covered	Total Geographical Area	Are Under Agriculture				Area Under Forest	Area Under Wasteland	Area Under other uses
			Gross Cropped Area (1)	Net Sown Area (2)	Area Sown more than Once (1-2)	Cropping Intensity (%)			
2	3	4	5	6	7	8	9	10	11
Chamnal	Gundapur	372.0	364.6	281	83.6	77.071		1.0	6.4
	Nadihal	413.0	389.4	322	67.4	82.691			23.6
	Chamnal	672.0	658.2	560	98.2	85.081		7.4	6.5
	Chandapur	595.0	569.9	485.2	84.7	85.138			25.1
	Darshnapur	682.0	651.6	508.2	143.4	77.993			30.4
Ukkinal	Ukkinal	1197.0	993.7	803.5	190.2	80.859	77.7		104.5
	Harangera	1722.0	1400.7	1099.3	301.4	78.482		144.1	177.3
	Rabbanhalli	763.0	757.3	620.2	137.1	81.896			5.7
	Karkihalli	620.0	585.6	432.8	152.8	73.907	14.3		23.1
	Inganal	503.0			0	0.000			

Maddarki	Singanhalli	295.0	262.6	196.5	66.1	74.829		12.1	20.2
	Maddarki	4213.0	3591	2923	668	81.398	193	82.2	346.8
	Sadyapur	250.0	222.9	165.3	57.6	74.159		9.7	17.4
	Kodamanhalli	876.0	836.7	599.2	237.5	71.615		29.6	9.7
	Negginal	220.0			0	0.000			
Mudbole	Mudbole	3308.0	3209.3	2365.2	844.1	73.698	1.7	17.7	79.3
	Aralhalli	352.0	327.7	249.71	77.99	76.201	7.7		16.6
	Saladpur	418.0	402.2	298.44	103.76	74.202			15.8
Anabi	Itga Simt Shirval	1009.0	971.2	741.02	230.18	76.299		2	35.8
	Anabi	3059.0	2826.7	2204.82	621.88	78.000		36	196.3
	Roza Simt Shirval	175.0	99.3	75.9	23.4	76.435		36	39.7
	Bilwad	147.0			0	0.000			
	Handral	211.0			0	0.000			

Shirval	Shirval	4156.0	4066.2	3110.64	955.56	76.500	0.4	38.5	51
	Hurusgundagi	2342.0	2104.9	1542.89	562.01	73.300	2	41.3	193.9
Hothpet	Hothpet	578.0	342.1	265.46	76.64	77.597	150.9		85
	Diggi	537.0	298.1	239.9	58.2	80.476	216.3	1.2	21.4
	Halbhavi	455.0	418.9	310.4	108.5	74.099	5.8	12.6	17.8
	Maktapur	310.0	284	224.36	59.64	79.000	5.8	5.7	14.6
	Ingalgi	415.0	365	270.1	94.9	74.000	8.2	6.1	35.6
	Madnal	352.0	262.2	207.66	54.54	79.199	0.8	56.7	32.4
	Rajapur K	96.0			0	#DIV/0!			
Gogi Peth	Gogi Peth	53.0	22.8	17.3964	5.4036	76.300	-	-	30.2
Gogi Kona	Gogi Kona	4083.0	3828	3020.675	807.325	78.910	-	69.6	185.4
Kakkasgera	Bhovikadamgera	639.0	599.3	460.14	139.16	76.780			39.8
	Budnoor	670.0	572.1	427.93	144.17	74.800		28.7	69.2
	Kakkasgera	1154.0	1039	808.34	230.66	77.800	10	36	69.1
	Aikur	2992.0	2645.6	1918.06	727.54	72.500		229.1	117.4

Wandurga	Wandurga	43.0	13.8	10.76	3.04	77.971			29.2
	Channur Khalsa	1910.0	1698.2	1290.63	407.57	76.000		0.8	210.9
Hoskera	Rajapur	628.0	536.9	416.09	120.81	77.499		45.7	45.3
	Shettikera	1423.0	1101	794.92	306.08	72.200	102	59.7	160.3
	Hoskera	1706.0	1371.6	1086.3	285.3	79.199	81.4	53	200
Nagnatgi	Saidapur	363.0	278.7	201.5	77.2	72.300		33.2	51.1
	Ommerdoddi	428.0	205.3	150.48	54.82	73.298	190.7	18.4	13.5
	Banatihal	302.0	172.7	125.7	47	72.785	92	27.9	9.4
	Naganatgi	1107.0	519.5	381.8	137.7	73.494	391.9	144.5	51.1
	Gangnal	580.0	473.8	358.6	115.2	75.686	45.9	59.1	1.2
	Dariyapur	511.0	340.9	263.5	77.4	77.295	63.3	37.2	69.6
Doranahalli	Nandihali K	319.0			0	#DIV/0!			
	Bevinhalli	425.0	278.8	214.3	64.5	76.865	1	70.8	74.5
	Doranhalli	6231.0	4743.2	3709.1	1034.1	78.198	120.7	547.2	820
Ibrahimpur	Habballi	171.0	119.7	94.92	24.78	79.298		4.5	46.9

	Ibrahimpur	2113.0	1788.8	1452.5	336.3	81.200	56.8	56.3	211.1
	Tangadgi	883.0	787.9	626.3	161.6	79.490	0.4	15.4	79.3
	Bidrani	476.0	412.5	307.7	104.8	74.594		21.5	42.1
Chattanhalli	Chattanhalli	3041.0	2816.8	2053.4	763.4	72.898		23.5	200.7
	Maramkal	711.0	672.4	528.5	143.9	78.599		31.7	6.9
	Balkal	519.0	442.9	338.3	104.6	76.383		40.1	36
	Nalwadgi	346.0	206.3	153.8	52.5	74.552			139.7
	Karangi	202.0	155.7	116.1	39.6	74.566	11.3	10	25
Kannekollur	Benaknahalli Jagir	490.0	442.1	319.6	122.5	72.291	1	6.5	40.5
	Kannekollur	3395.0	3033.6	2317.6	716	76.398	30	183.3	148.1
	Tippanhalli	644.0	630.6	481.7	148.9	76.388		4.1	9.4
	Tokapur	842.0	785.5	578.1	207.4	73.596		10	46.5

Rastapur	Vibhutihalli	635.0	386.7	302.3	84.4	78.174	196.4	28.8	23.1
	Mahalroza	1931.0	1550.3	1120.8	429.5	72.296	117.4	77.2	186.1
	Rastapur	2806.0	2313.9	1733.11	580.79	74.900	206.2	233.1	52.8
	Sharadhalli	799.0	681.2	492.5	188.7	72.299		115.5	2.4
Sagar	Sagar	4500.0	3311.2	2470.155	841.045	74.600	708.7	390.1	90
Hattigudur	Mandagalli	451.0	423.4	334.99	88.41	79.119	0.1	25.1	2.5
	Konganda	1148.0	1102.1	814.011	288.089	73.860	12.7		33.2
	Hattigudur	1685.0	1598	1164.782	433.218	72.890		15	72
	Munmutgi	1129.0	1073.2	825.1835	248.0165	76.890			55.9
	Nandihalli Jagir	441.0	406.6	325.788	80.812	80.125		2.4	32
	Sawoor	338.0	324.7	247.5838	77.1162	76.250	0.4		13
	Katamanhalli	464.0	445.3	345.3747	99.9253	77.560		9.3	9.4
Tewar Wadgera	Bolari	297.0	163.1	130.8878	32.2122	80.250	15.4	24.2	94.3
	Gundgurthi	1049.0	1000.5	746.8733	253.6267	74.650	10		38.5
	Tewar Wadgera	1261.0	1240.6	990.6191	249.9809	79.850			20.4

	Agastihal	116.0	99.7	73.63	26.07	73.852		11.7	4.5
	Kadyapur	141.0			0	#DIV/0!			
	Anwar	420.0	400.8	309.117	91.683	77.125	0.4		18.8
	Hayyal K	1023.0	958.1	717.2337	240.8663	74.860	1		64
	Bommanhalli	289.0	257.4	195.624	61.776	76.000			31.6
Tadibidi	Hundekal	1075.0	561.8	441.68	120.12	78.619	134.4	103.8	275
	Tadibidi	2403.0	1879.3	1401.958	477.342	74.600	64.9	103.8	355
Khanapur	Gundhalli	943.0	777.5	619.2788	158.2212	79.650	37	68.3	60.2
	Khanapur	1428.0	1199.3	881.4855	317.8145	73.500	142		86.7
	Mangihal	624.0	534.3	410.6096	123.6904	76.850	34.7	34.4	20.7
Naikal	Naikal	4606.0	4207.9	3259.019	948.881	77.450	201.7	135.2	61.3
Gulsaram	Gulsaram	1777.0	1575.4	1160.282	415.118	73.650	87.9	45.6	68.1
	Birnal	525.0	428.2	321.15	107.05	75.000		3.3	93.5
	Bablad	1027.0	916.1	658.6759	257.4241	71.900		1.6	109.3
	Hulkal Jagir	762.0	644.4	485.8	158.6	75.388		11.4	88.2

Kadamgera B	Kyatnal	484.0	369.7	293.9	75.8	79.497	0.4	53.4	60.4
	Kadamgera (B)	1004.0	945.5	685.48	260.02	72.499		18.1	40.4
	Shanker Banda	461.0	291.5	212.5	79	72.899	51.9	93.2	24.4
	Hanchinal	366.0	257.6	187.7	69.9	72.865		44.1	64.4
Hayyal B	Aldhal	737.0	660.4	504.5	155.9	76.393	21.4	0.9	54.2
	Hayyal B	2618.0	2563.8	1884.3	679.5	73.496			54.2
	Basawantpur	274.0	223.4	162.1	61.3	72.560			50.6
	Ekshanti	974.0	842	666.8	175.2	79.192		119	13
	Maderkal	780.0	723.6	565.8	157.8	78.192		55	1.4
Kollur	Beernur	1117.0	902.1	717.16	184.94	79.499			214.9
	Parsapur	404.0	392.7	291.7	101	74.281			11.4
	Markal	1059.0	949.8	745.5	204.3	78.490		99.6	9.6
	Kollur	1773.0	1678.6	1216.985	461.615	72.500		5	89.4
	Tonnur	467.0	422.3	323.22	99.08	76.538		43.7	0.9
	Chandral	207.0			0	#DIV/0!			

	Goudoor	460.0	366.8	287.57	79.23	78.400		2.5	90.7
Kurkunda	Kurkunda	2458.0	2067.1	1498.6	568.5	72.498		90.7	300.3
Ullesugur	Malhalli	506.0	457.9	349.8	108.1	76.392	11.4	2.1	34.7
	Tekural	470.0	438	324.99	113.01	74.199		2	30
	Ullesugar	1968.0	1292.1	1014.2	277.9	78.492	116.8	43.1	516
	Hortoor	492.0	376.7	279.5	97.2	74.197	16.6	10.8	87.9
Halgera	Gaddesugur	1381.0	1270	920.75	349.25	72.500	11.8	11.8	87.5
	Halgera	1831.0	1638.7	1253.9	384.8	76.518		77.3	114.9
	Godihal	716.0	552.1	433.9	118.2	78.591	9.4	12.9	141.6
	Kumnoor	725.0	607.4	439.15	168.25	72.300	3.7	3.8	110.1
	Arjungi	653.0	467.9	370.1	97.8	79.098		29.2	155.8
Wadgera	Wadgera	4668.0	4258.1	3457.577	800.523	81.200	103.5	45.8	260.6
Konkal	Aneksugur	596.0	513.9	403.9	110	78.595		16.2	66
	Kurihal	581.0	449.6	353.38	96.22	78.599	108.6	2	20.8
	Gondenoor	865.0	747.1	596.18	150.92	79.799		17.8	100.1

	Channur Jagir	815.0	574.7	426.4	148.3	74.195	1.6	4	234.7
	Konkal	1077.0	960.5	696.3	264.2	72.493	0.4	2	114.1
Bilhar	Konhalli	898.0	634.9	478.7	156.2	75.398	34	31.2	197.9
	Kandhalli	1003.0	785.5	603.26	182.24	76.799	12.6	23.5	181.4
	Bilhar	2405.0	1934.1	1400	534.1	72.385	108.6	153	209.3
	Boodinhall	289.0	252	198.072	53.928	78.600		12.7	24.4
	Machnoor	670.0	557.7	443.37	114.33	79.500	0.5	7.4	104.4
	Benkanhalli Khalsa	327.0	138.3	100.26	38.04	72.495		52.3	136.4
Bendebeballi	Tumkur	3996.0	3760.5	2842.93	917.57	75.600	50.7	32.8	152.1
	Itga Simt Wadgera	538.0	448.4	332.71	115.69	74.199		0.1	89.4
	Habshihal	301.0	259.3	187.9	71.4	72.464			41.7
	Rotnadgi	1530.0	1442.4	1103.43	338.97	76.500		1.3	86.3
	Kadrapur	510.0	444.5	353.3	91.2	79.483		4.9	60.6
	Bendebeballi	2987.0	2798.2	2028.69	769.51	72.500		7.8	181
	Kodal	1029.0	707.2	540.3	166.9	76.400	20.1	20.7	281

Gonal	Shivenoor	439.0	403.6	292.61	110.99	72.500		2.2	33.3
	Joldhadgi	1338.0	1197.5	914.89	282.61	76.400		4.9	135.6
	Gonal	763.0	746	536.3	209.7	71.890		7.3	9.7
	Konganda Simt Wadgera	534.0	434.3	310.09	124.21	71.400		44.2	55.5
	Shivepur	714.0	612	448.59	163.41	73.299			102
	Gundloor	428.0	320.6	244.9	75.7	76.388			107.4
	Agnihal	296.0	226.2	179.82	46.38	79.496			69.8
	Sugoor	418.0	315.8	228.9	86.9	72.483	15.4		86.8
	Sangam D	284.0	152.4	113.53	38.87	74.495			131.6

Not under anyPanchayat	Hulkal K	398.0	385.4	302.15	83.25	78.399		10.2	2.4
	Amlapur	101.0			0	#DIV/0!			
	Kanchankavi	313.0	285.2	214.755	70.445	75.300	20.4	4.2	3.2
	Shakhapur	100.0	87.3	64.8	22.5	74.227		7.7	5
	Halisagar	1123.0	943.1	739.862	203.238	78.450	114.6	25.2	40.2

Source: Dept of Agriculture, GOK

1.7b: Land Use Pattern of Shorapur Taluk

Name of the Gram Panchayat	Name of the Villages Covered	Total Geographical Area	Are Under Agriculture				Area Under Forest	Area Under Wasteland	Area Under other uses
			Gross Cropped Area (1)	Net Sown Area (2)	Area Sown more than Once (1-2)	Cropping Intensity (%)			
2	3	4	5	6	7	8	9	10	11
Malla B	Chitaknal	225.00			0.00	#DIV/0!			
	Hadnoor	1179.00	1116.60	822.38	294.22	73.65		50.40	12.00
	Malla K	508.00	489.60	355.45	134.15	72.60		18.40	
	Malla B	1778.00	1682.50	1293.84	388.66	76.90		45.70	49.80
	Gogaddihal	137.00	132.10	98.05	34.05	74.22			4.90
Yevoor	Yevoor	2287.00	2149.20	1708.61	440.59	79.50	69.70	21.80	46.30
	Dandsollapur	391.00	348.60	273.02	75.58	78.32		31.00	11.40
	Sevanagar	149.00	144.80	110.41	34.39	76.25		1.30	2.80
	Khanapur S K	676.00	641.00	474.21	166.79	73.98		7.10	27.80
Naganoor	Naganoor	3024.00	2845.50	2197.58	647.92	77.23		41.60	136.90
	Goudgera	727.00	704.30	511.60	192.70	72.64			22.70
Yalgi	Yalgi	2770.00	2702.50	2066.06	636.44	76.45	35.60	23.70	8.20

	Shivaji Nagar	2153.00	2153.00	1561.36	591.64	72.52			
Yaktapur	Wandagnoor	530.00	513.90	378.33	135.57	73.62			16.10
	Bevinal S K	400.00	398.20	317.17	81.03	79.65			1.80
	Chincholi	633.00	610.20	471.01	139.19	77.19			22.80
	Doranhalli	383.00	376.00	301.74	74.26	80.25			7.00
	M Bommanahalli	1101.00	1076.40	806.87	269.53	74.96			24.60
	Yaktapur	536.00	524.90	381.08	143.82	72.60			11.10
	Ainapur	370.00	354.20	282.65	71.55	79.80			15.80
	Malkapur	200.00	189.10	140.54	48.56	74.32			10.90
	Alhal	1208.00	1182.40	927.24	255.16	78.42			25.60
	Kachapur	151.00	136.30	101.75	34.56	74.65		14.70	
	Kadhalli	235.00			0.00	#DIV/0!			
Kembhavi	Kembhavi	5906.00	5640.90	4109.96	1530.94	72.86	22.80	53.00	189.30
Parasanahalli	Kirdhalli	1059.00	1026.20	781.96	244.24	76.20	3.50	4.90	24.50
	Parasanhalli	1014.00	851.80	635.44	216.36	74.60		100.40	61.90
	Malhalli	296.00	281.20	224.51	56.69	79.84			14.80
Malagatti	Jainapur	394.00	336.00	247.97	88.03	73.80		46.60	11.40
	Godrihal	467.00	344.40	264.84	79.56	76.90		40.50	82.20

	Heggandoddi	386.00	341.70	245.68	96.02	71.90		28.10	16.30
	Malagatti	1523.00	1379.30	1017.92	361.38	73.80		40.50	103.30
	Tippanatgi	1663.00	1525.20	1133.20	392.00	74.30		113.30	24.40
	Mavinmatti	632.00	566.40	412.33	154.07	72.80		41.30	24.30
	Chigrihal	317.00	300.40	218.69	81.71	72.80			
Karadkal	Nadkoor	507.00	482.10	359.10	123.00	74.49			24.90
	Karadkal	1637.00	1533.60	1142.50	391.10	74.50	44.20	3.80	55.40
Mudnoor K	Fathepur	299.00	257.30	202.23	55.07	78.60			41.80
	Murakanal	165.00	165.00	121.27	43.73	73.50			
	Mudnoor B	1684.00	1525.30	1180.58	344.72	77.40	7.30		151.40
	Mudnoor K	1036.00	929.10	687.70	241.40	74.02		56.50	50.40
	Rampur	478.00	459.50	351.05	108.45	76.40		16.00	2.60
	Yediapur	525.00	496.80	384.52	112.28	77.40			28.20
Agni	Bendartalhalli	659.00	623.70	489.60	134.10	78.50			35.20
	Huvinhalli	691.00	609.10	473.27	135.83	77.70		54.60	27.30
	Amlihal	393.00	4.60	3.51	1.09	76.30		377.00	11.40
	Agni	2267.00	1985.20	1498.80	486.40	75.50		38.90	242.90
	Handral	217.00	194.90	148.90	46.00	76.40		11.50	10.70

	Badlapur-Becharak	95.00	95.00	72.58	22.42	76.40			
	Agatheerth	435.00	385.20	300.40	84.80	77.99		7.00	42.90
	Karibhavi	564.00	536.40	399.60	136.80	74.50		24.00	3.60
Baichbal	Kudalagi	1271.00	1190.10	911.60	278.50	76.60		20.20	60.70
	Kanhalli	2267.00	2017.60	1462.76	554.84	72.50		121.40	128.00
	Baichbal	1493.00	1236.80	921.40	315.40	74.50		121.40	134.80
Devargonal	Siddapur	431.00	411.10	314.40	96.70	76.48		8.10	19.80
	Devargonal	1739.00	1325.60	1049.80	275.80	79.19	186.80	78.00	148.70
	Machgundal	570.00	444.90	352.30	92.60	79.19		1.30	123.90
	Badyapur	774.00	617.20	479.50	137.70	77.69	2.60	32.50	121.80
	Bahirimaddi	375.00	280.50	215.40	65.10	76.79		33.10	66.40
Devikera	Rattal	790.00	537.00	398.90	138.10	74.28	99.20		153.80
	Devikera	1424.00	826.00	657.40	168.60	79.59	85.40	433.60	79.00
	Hasanapur	648.00			0.00	#DIV/0!			
Arkera Khalasa	Bijaspur	822.00	649.20	495.90	153.30	76.39	36.80		136.10
	Arkera Khalsa	1222.00	988.50	769.00	219.50	77.79			233.50
	Vankihal	827.00			0.00	#DIV/0!			
Wagangera	Bommanhalli	842.00	425.90	325.38	100.52	76.40		140.30	275.80

	Wagangera	1944.00	1714.80	1335.80	379.00	77.90		202.40	26.90
	Talwargera	2420.00	1773.40	1322.20	451.20	74.56	404.70	162.00	79.90
Pethammapur	Jalibenchi	1590.00	1502.90	1184.28	318.62	78.80			87.10
	Mangaloor	796.00	740.50	534.60	205.90	72.19		43.40	12.20
	Pethammapur	986.00	722.80	552.20	170.60	76.40		192.30	70.90
Kachaknoor	Kachaknoor	1343.00	1139.80	837.75	302.05	73.50	24.30	80.90	97.90
	Chikanahalli	1099.00	859.20	626.35	232.85	72.90		168.10	71.70
	Bachimatti	592.00	441.50	330.24	111.26	74.80		40.50	110.10
	Benakanhalli	548.00	473.60	358.04	115.56	75.60		40.50	34.00
	Kurubantalahalli	519.00	453.70	354.79	98.91	78.20		51.90	13.40
Arkera J	Teggihalli	370.00	359.10	285.84	73.26	79.60			10.90
	Shakhapur	301.00	296.80	224.38	72.42	75.60			4.20
	Sadab	631.00	581.10	450.93	130.17	77.60		46.60	3.30
	Arkera J	2334.00	1987.20	1581.81	405.39	79.60		23.10	323.80
	Yedhalli	1446.00	1179.70	876.52	303.18	74.30		23.50	242.80
Kolihal	Kolihal	1385.00	1156.30	908.85	247.45	78.60		83.00	145.70
	Ramnagar	918.00	764.60	585.68	178.92	76.60		125.10	28.30
	Gundalgera	899.00	719.70	561.33	158.37	77.99		16.20	163.10

	Islampur	748.00	632.60	497.22	135.38	78.60		34.40	80.90
	Salgunda D	328.00			0.00	#DIV/0!			
Khanapur	Khanapur	876.00	724.80	552.30	172.50	76.20	7.90		143.30
	Kumbharpeth	501.00			0.00	#DIV/0!			
	Kaudimatti	812.00	658.10	490.94	167.16	74.60		119.40	34.50
	Godihal Jagir	526.00	419.20	316.92	102.28	75.60		80.90	25.90
	Venkatapur	366.00	336.30	248.62	87.68	73.93			29.00
Hemnoor	Lingadhalli	269.00	240.70	185.10	55.60	76.90		28.30	
	Halgera	542.00	420.90	306.84	114.06	72.90		72.20	48.90
	Shakhapur	319.00	307.60	220.24	87.36	71.60		11.40	
	Hemnoor	2221.00	2088.20	1639.23	448.97	78.50		86.70	46.20
Aldhal	Bonal	766.00	673.20	535.87	137.33	79.60		78.20	14.60
	Mangihal	682.00	658.70	515.10	143.60	78.20		5.80	17.50
	Handral	270.00	255.00	191.00	64.01	74.90			15.00
	Gonal	496.00	475.80	378.26	97.54	79.50			20.30
	Aldhal	692.00	681.10	514.91	166.19	75.60			10.90
	Rajapur D	254.00			0.00	#DIV/0!			
	Nagaral	292.00	279.80	222.44	57.36	79.50			12.20

	Havinal	791.00	737.80	559.25	178.55	75.80		45.50	7.80
	Kagarhal	438.00			0.00	#DIV/0!			
Devatkal	Devatkal	1316.00	1227.40	979.45	247.95	79.80		45.30	43.40
	Konal	487.00	458.20	341.82	116.38	74.60			28.90
	Halbhavi	624.00	5640.90	4298.37	1342.53	76.20			45.40
	Godhihal T	476.00	344.50	270.78	73.72	78.60	12.10		119.40
	Raigera	482.00	404.60	322.88	81.72	79.80			77.40
	Channapattan	927.00	832.30	604.25	228.05	72.60			94.80
	Kade Kamat Konal	136.00			0.00	#DIV/0!			
Hebbal B	Kaldevanhalli	1512.00	1455.30	1042.00	413.31	71.60		44.50	12.10
	Hebbal B	1182.00	892.20	653.00	239.20	73.19	20.20	131.20	138.30
	Hebbal K	1067.00	931.40	710.65	220.75	76.30		40.50	95.10
	Rajunagar	297.00	248.30	182.70	65.60	73.58	16.30	26.30	6.10
	Bhailapur	333.00	214.70	159.50	55.20	74.29	85.50	26.60	6.20
	Siddapur G	814.00	814.00	594.22	219.78	73.00			
Wajjal	Channur	566.00	393.30	307.95	85.35	78.30	65.40	26.30	80.90
	Wajjal	1739.00	1389.20	994.67	394.53	71.60	287.70	52.30	9.90
	Shrinivaspur	845.00	635.00	485.78	149.23	76.50	167.40	15.00	27.50

	Manjlapur	322.00	271.00	199.99	71.01	73.80			51.00
Malnoor	Devapur J	272.00	216.60	168.73	47.87	77.90		23.10	32.40
	Banhatti	542.00	449.00	320.14	128.86	71.30			93.10
	Maralbhavi	1115.00	1092.50	845.60	246.91	77.40		4.60	18.00
	Malnoor	1578.00	1121.90	823.47	298.43	73.40		263.90	192.20
	Gulbal	776.00	578.40	457.51	120.89	79.10		90.80	106.80
	Kuppi	660.00	591.20	433.94	157.26	73.40		58.50	10.00
	Dyamnall	403.00	327.90	257.07	70.83	78.40		50.60	24.50
	Katapur-Becharak	129.00			0.00	#DIV/0!			
	Khojapur D	143.00			0.00	#DIV/0!			
Hunasagi	Bhagyanagar	436.00	315.80	248.21	67.59	78.60			120.20
	Hunasagi	3618.00	3317.70	2650.80	666.90	79.90		100.40	199.90
Devapur	Devapur	3049.00	2856.70	2156.80	699.90	75.50			192.30
	Kampapur	442.00	376.40	271.70	104.70	72.18			65.60
	Aralhalli	695.00	583.60	427.77	155.83	73.30			111.30
	Shalgi	1365.00	1241.60	938.60	303.00	75.60		82.90	40.50
	Mushtalli	581.00	489.90	370.30	119.60	75.59		69.70	21.50
Sugur	Chandlapur	838.00	704.70	539.09	165.61	76.50		94.00	39.40

	Kuppgal	520.00	477.50	364.81	112.69	76.40			42.50
	Karnal	798.00	718.70	513.15	205.55	71.40		79.30	
	Choudeshwarhal	689.00	651.30	477.40	173.90	73.30		37.80	
	Bevinhal	752.00	666.40	509.10	157.30	76.40		76.60	9.00
	Sugur	860.00	705.60	518.60	187.00	73.50		148.70	5.70
	Hemwadgi	595.00	503.90	384.90	119.00	76.38		91.20	
	Adwadgi	427.00	365.80	279.40	86.40	76.38		39.00	22.20
Tinthini	Santpur	587.00	526.20	418.30	107.90	79.49			60.80
	Tinthini	1012.00	822.20	652.00	170.20	79.30			189.80
	Dadlapur	438.00	408.10	304.00	104.10	74.49			29.90
	Bandoli	488.00	374.70	286.60	88.10	76.49			113.40
	Hunsiholi	331.00	201.60	154.20	47.40	76.49		39.20	90.20
	Lingadhalli	163.00	125.40	90.90	34.50	72.49			37.60
Kakkera	Manjlapur K	1184.00	1054.50	806.60	247.90	76.49	69.60		59.90
	Kakkera	6559.00	5612.70	4136.56	1476.14	73.70			946.30
Kamnatgi	Kangandanhalli	469.00	365.20	272.00	93.20	74.48		40.50	63.40
	Balshettihal	886.00	804.00	564.41	239.59	70.20		33.70	48.30
	Kamnatgi	1445.00	1195.20	927.48	267.72	77.60		51.50	198.40

	Hanmnal	433.00	372.20	266.50	105.70	71.60			60.80
	Hombalkal	358.00	293.10	215.72	77.38	73.60		7.00	57.90
	Sonnapur	240.00	226.50	177.69	48.81	78.45		0.40	13.00
	Jairamnagar	231.00	214.70	156.30	58.40	72.80		2.90	13.40
Rajankollur	Rajankollur	2779.00	2536.20	1892.01	644.20	74.60		101.20	141.70
	Teerth	837.00	775.10	603.02	172.08	77.80		29.70	32.20
	Toldinni	250.00	239.90	172.49	67.41	71.90		3.70	6.50
Hagratgi	Hagaratgi	3636.00	3590.20	2653.16	937.04	73.90		23.00	22.80
	Boodhihal	940.00	914.50	716.97	197.53	78.40		2.40	23.10
	Horatti	650.00	632.10	454.48	177.62	71.90		6.00	12.00
Bardevanal	Bapparga	981.00	865.90	668.47	197.43	77.20		14.60	51.90
	Uppaldinni	318.00	298.90	219.39	79.51	73.40			19.10
	Kureknal	500.00	437.40	337.23	100.17	77.10		20.40	42.20
	Yerkihal	790.00	650.10	460.92	189.18	70.90		72.50	67.40
	bardevanal	1538.00	1161.50	850.22	311.28	73.20		299.90	76.60
Kodekal	Kodekal	2830.00	2198.70	1657.80	540.90	75.40			631.30
	Rayanpala	709.00	487.40	388.90	98.50	79.79		221.70	
Bailkunti	Rajwal	215.00	161.90	126.92	34.98	78.39	29.70	20.90	2.40

	Bammangudda	503.00	431.00	324.11	106.89	75.20	41.70	10.10	20.20
	Bailkunti	438.00	416.50	300.70	115.80	72.20		19.80	1.70
	Kudedral	504.00	449.00	325.07	123.93	72.40		9.70	45.30
	Krishnanagar	636.00	479.10	366.03	113.07	76.40	87.80	62.00	7.20
	Hanamsagar	662.00	267.70	212.82	54.88	79.50		394.30	
Geddalmari	Devatinagr	832.00	827.40	598.20	229.20	72.30			4.70
	Geddalmari	1223.00	1160.00	886.24	273.76	76.40		20.20	42.80
	Jumalpur	739.00	492.90	376.50	116.40	76.38	50.80	54.10	141.20
	Dharmapur	476.00	476.00	377.90	98.10	79.39			
	Yedalbhavi	529.00	446.30	336.90	109.40	75.49		3.70	78.90
	Benchigaddi	648.00	297.80	215.60	82.20	72.40			350.20
Marnal	Madlinganal	927.00	815.30	590.20	225.10	72.39		74.10	37.50
	Bassapur	391.00	374.70	286.20	88.50	76.38		14.20	2.10
	Yenniwadgera	1337.00	1334.10	1019.25	314.85	76.40			2.90
	Marnal	497.00	448.90	342.50	106.40	76.30		1.00	47.10
	Mailapur	326.00	313.90	228.80	85.10	72.89			12.20
	Kamalpur	410.00			0.00	#DIV/0!			
Jogundabhavi	Hullikera	962.00	320.60	246.22	74.38	76.80		9.70	631.70

	Ammapur S K	894.00	511.00	392.95	118.05	76.90			382.90
	Rayangola	2129.00	289.40	230.07	59.33	79.50		1311.70	527.90
	Jogundabhavi	1190.00	1062.10	792.33	269.77	74.60	118.20		9.70
	Kottiguda	459.00	391.00	277.61	113.39	71.00			68.00
Narayanpurrural	Tangadbail	1162.00	273.60	213.41	60.19	78.00			888.40
	Hanuman nagar	521.00	255.10	190.05	65.05	74.50	37.50	86.80	141.60
	Narayanpur Rural	733.00	358.90	254.81	104.09	71.00	52.70	80.00	241.40
	Melingaddi	675.00	221.60	163.54	58.06	73.80			453.40
	Jangingaddi	790.00	203.40	160.89	42.51	79.10		160.40	426.20

1.7c: Land Use Pattern of Yadgir Taluk

Name of the Gram Panchayat	Name of the Villages Covered	Total Geographical Area	Are Under Agriculture				Area Under Forest	Area Under Wasteland	Area Under other uses
			Gross Cropped Area (1)	Net Sown Area (2)	Area Sown more than Once	Cropping Intensity (%)			
2	3	4	5	6	7	8	9	10	11
Yergol	Yergol	4794	3544.8	2577.07	967.73	72.700	777	30.2	442
Motenhalli	Motenhalli	2626	1169.4	914.47	254.93	78.200	1087.4	203.6	165.5
	Khanapur-Hosalli	497	433.3	310.24	123.06	71.599		19.7	44.1
	Chintkunta	294	207.4	163.01	44.39	78.597		36.9	49.8
	Kotgera	1029	594.8	427.0664	167.7336	71.800	131.9	5.7	296.6
	Pattapur	325			0				
Gajarkot	Rampur(G)	821	708	538.788	169.212	76.100	75	1	37
	Shivapur	1000	903.8	674.2348	229.5652	74.600		1.3	95
	Gajarkot	2174	1739.8	1367.48	372.32	78.600	282	2	150.2
	Devarahalli	722	521	382.41	138.59	73.399	125	1	75
Kakalwar	Siddapur B	536	325.6	233.1296	92.4704	71.600		1.8	208.7
	Mith Tiptampalli	1044	934.1	720.19	213.91	77.100		5.1	104.9

	Kakalwar	1117	1081.6	771.18	310.42	71.300		4.5	31
	Budur	882	673.1	484.632	188.468	72.000		2.4	206.6
	Borbanda	621	568	450.992	117.008	79.400		2	51
Chapetla	Chandarki	400	249.5	172.155	77.345	69.000	65.7	46.3	38.5
	Madepalli	2245	1819.7	1430.2842	389.4158	78.600	176	133.5	115.8
	Keshwar	509	354.7	262.92	91.78	74.125	119.8	9.7	24.8
Chapetla	Chapetla	616	567.4	422.713	144.687	74.500		4.1	44.6
	Yadlapur	643	378.7	288.1907	90.5093	76.100	157.4	65.2	41.7
	Kamalnagar	731	466.7	340.2243	126.4757	72.900	157.4	65.2	41.7
	Subhashnagar	804	609	477.456	131.544	78.400	186.7	3	5.4
	Himalpur	428	323.5	247.15	76.35	76.398763 52			104.5
Hattikuni	Bachwar	817	282.3	225.2	57.1	79.773290 83	404.7	5.3	124.7
	Hattikuni	2408	1304.1	1040.67	263.43	79.799861 97	908.6	3.1	192.2
	Venkateshwar nagar	1656	405.7	294.13	111.57	72.499383 78	388.9	58.1	203.3

	Samnapur	622	253.7	181.64	72.06	71.596373 67	108.9	20.3	239.2
	Yekkihalli	756			0	#DIV/0!			
	Bagalmadu	1122			0	#DIV/0!			
Allipur	Kanchgarhalli	728	393.4	293.476	99.924	74.599898 32	142.9	129.8	61.9
	Alipur	537	320.2	254.559	65.641	79.5	129.6	19.4	67.8
	Horecha	1342	878.4	635.9616	242.4384	72.4	129.6	19.4	67.8
Arkera B	Achola	340	284.8	203.0624	81.7376	71.3			
	Siddarthnagar	400	344.7	256.8	87.9	74.499564 84		1.6	53.6
	Arkera(B)	1265	1126.2	884.06	242.14	78.499378 44	128.3	4.5	6
	Wadenhalli	1350	599.6	458.08	141.52	76.397598 4	382.8	38.5	329
	Kanhalli	416	320.6	250	70.6	77.978789 77		31.9	63.6
	Baswanthpur	275	148.9	118.3	30.6	79.449294 83		7.7	118.4
	Balajinagar	208	112.7	81.7	31	72.493345 16		5.8	89.5
Bandhalli	Chamenhalli	1460	1156.1	919	237.1	79.491393 48		7.3	296.6

	Bandhalli	690	634.2	466.77	167.43	73.599810 79		5.3	50.6
	Yedhalli	1123	1067.2	848.4	218.8	79.497751 12		37.4	18.4
Hongera	Sutarhosalli	1464	238.4	170.6944	67.7056	71.6	939.3	250.1	36.3
	Katgi Shahapur	1757	265.2	207.38	57.82	78.197586 73	1374	2.1	115.8
	Hongera	1681	1479	1070.796	408.204	72.4	140.4	2	59.6
Putpak	Dantapur	551	467.3	348.6058	118.6942	74.6		3.8	80
	Jawaharnagar	356	335	265.32	69.68	79.2		2	19.1
	Mallapur	68	63.9	45.5607	18.3393	71.3			4.1
	Putpak	1236	782.2	591.3432	190.8568	75.6	325.8	8	120
Minasapur	Nazrapur	1178	443.4	338.7576	104.6424	76.4	124.5	0.1	610
	Minasapur	951	304.1	220.7766	83.3234	72.6	579.5	57.1	10.3
	Muslapalli	139	115.7	90.3617	25.3383	78.1	1.6	4.7	17
Chinakar	Gunjunur	875	372.5	278.63	93.87	74.8	296.4	1	205.1
	Bettadhalli	614	121.7	92.6137	29.0863	76.1	268.2	0.2	223.8

	Dharmapur	960	718.7	516.7453	201.9547	71.9	225.8	2	13.4
	Chinakhar	871	418.1	319.4284	98.6716	76.4	425.8	6.5	20.6
	Siddapur K	363			0	#DIV/0!			
Kandkur	Kandkur	1636	1336.5	1049.153	287.347	78.500037 41	136	7.3	156.2
	Chintenpalli	1987	798.8	579.9288	218.8712	72.6	1147.7	5.3	35.2
	Indiranagar	387	319.2	249.2952	69.9048	78.1			67.8
Paspool	Yemphe	633	525.6	385.7904	139.8096	73.4	103.1	1.1	3.2
	Tatelgera	466	177.4	135.0014	42.3986	76.1	268.3	4.1	16.2
	Magdampur	816	346.1	246.7693	99.3307	71.3	250.5	5.4	214.1
	Paspool	609	568.1	449.3671	118.7329	79.1		8.5	32.4
Munderga	Belgera	1554	810.8	608.9108	201.8892	75.1	592.9	144.8	5.5
	Kurkumbal	388	373.6	284.3096	89.2904	76.1		1.8	12.6
	Munderga	1747	1537.1	1206.624	330.476	78.500032 53		10	200
	Ashoknagar	790	625.4	447.7864	177.6136	71.6		3.8	160
Mudnal	Kasapanhalli	683	526.8	404.0556	122.7444	76.7	73.3	42.6	40.4

	Tumkur	1338	1209	947.856	261.144	78.4		4.8	124.2
	Mudnal	1039	950.9	682.7462	268.1538	71.8		5.7	82.4
	Bhimnagar	258	219.7	168.5099	51.1901	76.7		3	35.3
Thanagunda	Talak	335	260.9	198.8058	62.0942	76.2		2.8	71.3
	Hedgimadra	1189	1086.3	790.8264	295.4736	72.8		1.6	101.2
	Bomshathalli	328	311.8	244.451	67.349	78.399935 86		2	14.2
	Viswaspur	318	105.8	77.1282	28.6718	72.9		0.1	212.1
	Thangunda	1410	1304.6	1035.852	268.748	79.399969 34		0.3	105.2
	Nagnaikanhalli	122			0	#DIV/0!			
Workenhalli	Workenhalli	814	658.8	485.5356	173.2644	73.7		3.8	151.4
	Mazra-Hosalli	629	582	456.288	125.712	78.4		3	44
	Poglapur	554	470.3	340.9675	129.3325	72.5		2.3	81.5
	Koilur	1027	888.3	657.342	230.958	74		13.2	125.5
Ramsamudra	Ashinal	1473	616.2	468.9282	147.2718	76.1	592	214	50.8
	Ramasamudra	1311	955.4	746.1674	209.2326	78.1	288	42.5	25.1

	Panchasheelanagar	350	332.7	253.5174	79.1826	76.2		2.5	14.9
Arkera K	Arkera(K)	2114	1260.7	998.4744	262.2256	79.2	801.7	6.9	44.6
	Mailapur	553	317.7	227.4732	90.2268	71.6	4.4	4.3	226.6
Konkal	Konkal	3215	2981.3	2289.638	691.662	76.799986 58		208.5	25.2
	Devanalli	423	305.4	242.4876	62.9124	79.4		109.2	8.4
	Nandepalli	542	539.9	408.1644	131.7356	75.6		0.4	1.7
Anpur	Anpur	2349	1656.5	1235.749	420.751	74.6	516	168.9	7.7
	Nasalwai	1236	1072.5	771.127	301.373	71.899953 38		42.1	121.5
	Narsapur	220			0	#DIV/0!			
Yellheri	Yelahar	4394	3879.2	2893.883	985.317	74.599994 84	156.3	170.4	188.2
	Ghanpur	763	722.9	516.512	206.388	71.449993 08		3.7	36.5
	Gopalpur	535	493.8	377.2632	116.5368	76.4		16.2	25
	Totlur	457	357	283.458	73.542	79.4		25.6	74.5
	Nawaburz	127	124.9	89.8031	35.0969	71.9		0.4	1.7

Halgera	Maskehalli	848	435.2	341.632	93.568	78.5	182.1	7	223.6
	Halgera	1451	1163.3	867.821	295.479	74.599931 23	144.1	13.3	130.3
	Raisabad Hosahalli	689	620.3	476.01	144.29	76.738674 83		9.2	59.5
Koulur	Mustur	818	793.5	585.603	207.897	73.8		2.2	22.4
	Koulur	1427	1398.7	1064.411	334.289	76.100021 45		26.7	1.6
	Shettikera	857	829.3	647.6833	181.6167	78.1		26.7	1
	Zinkera	1679	1555.3	1160.254	395.046	74.600012 86		20.2	103.4
Balichakra	Nagalapur	729	639.8	46.01	593.79	7.1913097 84		46.1	43
	Balichakkar	2457	2155	1711.07	443.93	79.4		125.1	176.9
Yelsatti	Wadwat	656	576.3	434.5302	141.7698	75.4		17.4	62.3
	Yelsathi	1379	1334.8	980.41	354.39	73.449955 05		6.5	37.7
	Karengi	1600	1336.2	1043.88	292.32	78.123035 47		21	242.8
	Torentippa	1017	972.9	705.3525	267.5475	72.5		3.2	40.9
	Sultanpur	312			0	#DIV/0!			

Jaigram	Kuntimari	717	659	503.476	155.524	76.4		7.3	50.7
	Gurnur	897	805.4	591.5663	213.8337	73.45		21	34.6
	Jaigram	504	433.4	324.6166	108.7834	74.9		9.7	60.9
	Sanklapur	533	518	377.104	140.896	72.8		4	11
	Edlur	1327	1199	952.006	246.994	79.4		39.3	88.7
	Turkandoddi	329	281.5	206.621	74.879	73.4		5.7	41.8
	Hulibeta	293	140.8	109.2608	31.5392	77.6		147.3	4.9
Madhwar	Madhwar	1776	1704.5	1336.328	368.172	78.4		6.1	65.7
	Gudalgunta	517	499.9	361.9276	137.9724	72.4		1.4	13.7
	Sambar	1396	1332	997.668	334.332	74.9		15.6	48.3
	Wanksambar	1517	1402.8	1008.613	394.187	71.899985 74		70	44.2
Kalebelgunda	Kale-Belgunda	1896	1688.4	1296.691	391.709	76.799988 15		14.6	193.1
	Neelhalli	1235	1135.9	825.7993	310.1007	72.7		44.7	54.4
	Kanekal	1661	1470.8	1167.815	302.985	79.399986 4		7.3	182.9

Malhar	Lingera	1375	1007.5	769.73	237.77	76.4		77	290.5
	Malhar	2459	2272.6	1693.087	579.513	74.5		55.9	130.6
	Sawoor	1596	1444.6	1038.667	405.933	71.899972 31	53.1	21.9	76.5
	Heggangera	376	344.6	264.3082	80.2918	76.7			31
Killankera	Goudgera	1186	1032.3	751.5144	280.7856	72.8		29.1	124.6
	Kilenkera	1378	1301.9	1033.709	268.191	79.400030 72		29.2	46.9
	Kudlur	1547	1465.5	1053.695	411.805	71.900034 12		28	53.5
Azalapur	Azalapur	1685	1543	1209.712	333.288	78.4		34	108.1
	Chaler	890	798.4	593.2112	205.1888	74.3		8.4	83.2
	Badepalli	2034	1678.4	1327.614	350.786	79.099976 17		344.9	10.7
Saidapur	Rampur	852	717	515.523	201.477	71.9		86.6	48.4
	Balched	1457	1273.2	972.7248	300.4752	76.4	137.2	14	32.6
	Rachanhalli	509	442.9	338.3756	104.5244	76.4		6.3	59.7
	Kyathanhalli	340	323.1	256.5414	66.5586	79.4			16.9

	Saidapur (CT)	488	445.1	331.5995	113.5005	74.5	1.6		41.3
Belgunda	Anur	823	698.9	501.812	197.088	71.800257 55		2.3	121.9
	Anur(K)	983	888	678.432	209.568	76.4		90.3	4.7
	Belgunda	2059	1975.6	1483.676	491.924	75.100020 25		1.6	81.8
	Bhimenhalli	480	410.4	302.4648	107.9352	73.7		2.1	67.6
	Gondadgi	1111	990.8	742.1092	248.6908	74.9		4.4	115.8
	Sangwar	638	551	398.924	152.076	72.4		13	74.1
	Kondapur	440	389.9	292.03	97.87	74.898691 97		1.3	21.9
Badiyal	Sourashtrahalli	544	508.7	363.72	144.98	71.499901 71		5.9	29.3
	Mungal	1085	1004.1	752.0709	252.0291	74.9	4		76.9
	Shattihalli	550	522.7	408.7514	113.9486	78.2		9.5	17.8
	Gudur	549	463.9	332.1524	131.7476	71.6		1.7	83.5
	Badiyal	2256	2156.8	1583.091	573.709	73.399990 73		4.1	95.1
Kadechur	Kadechur	3341	3291.3	2353.28	938.02	71.500015 19		13	36.8

	Dadal	267	253.9	198.5498	55.3502	78.2		2.2	10.9
	Mavinhalli	371	331.6	237.4256	94.1744	71.6		14.6	24.8
	Bomraldoddi	641	534.4	396.52	137.88	74.199101 8	96.4	9.3	0.8
	Duppalli	1769	1564	1194.896	369.104	76.4		200	5
	Chandapur	949	890.8	680.5712	210.2288	76.4		56.2	2
Not Under any Panchayat	Yadgir(K)(Rural)	560			0	0			
	Yadgir(B)(Rural)	1751			0				
	Gurmatkal (Rural)	1269			0				
	Dastrabad	315			0				
	Narayanpur	1216			0				

2.1a: Area-Wise, Crop-wise Irrigation Status –Shahapur taluk

Crop Type	Kharif (Area in ha)			Rabi (Area in ha)			Summer (Area in ha)			Total (Area in ha)			Horticulture and Plantation Crops (Area in ha)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A) Cereals	16237	2222	18459	12512	11288	23800	107	0	107	28856	13510	42366	0	0	0
B) Corse Cereals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C) Pulses	1825	15000	16825	0	4285	4285	0	0	0	1825	19285	21110	0	0	0
D) Oil Seeds	1314	1692	3006	6500	3977	10477	7174	3279	10453	14988	8948	23936	0	0	0
E) Fibre	26665	32521	59186	0	0	0	0	0	0	26665	32521	59186	0	0	0
F) Fruits	89	0	89	11	0	11	0	0	0	100	0	100	100	0	100
G)Vegetables	56	0	56	90	0	90	0	0	0	146	0	146	146	0	146
H) Plantation	14	0	14	0	0	0	0	0	0	14	0	14	14	0	14
I) Spices	663	231	894	0	0	0	0	0	0	663	231	894	663	231	894
J) Flowers	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

2.1b: Area-Wise, Crop-wise Irrigation Status –Shorapur taluk

Crop Type	Kharif (Area in ha)			Rabi (Area in ha)			Summer (Area in ha)			Total (Area in ha)			Horticulture and Plantation Crops (Area in ha)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A) Cereals	35488	8210	43698	1255	9133	10388	13599	0	13599	50342	17343	67685	0	0	0
B) Corse Cereals	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
C) Pulses	1950	11580	13530	1461	11044	12505	0	0	0	3411	22624	26035	0	0	0
D) Oil Seeds	808	2487	3295	14979	404	15383	14	0	14	15801	2891	18692	0	0	0
E) Fibre	12925	14080	27005	0	0	0	0	0	0	12925	14080	27005	0	0	0
F) Fruits	304	336	640	9	0	9	2	0	2	315	336	651	315	336	651
G)Vegetables	167	92	259	102	8	110	12	0	12	281	100	381	281	100	381
H) Plantation	33	0	33	1	0	1	0	0	0	34	0	34	34	0	34
I) Spices	234	17	251	0	0	0	0	0	0	234	17	251	234	17	251
J) Flowers	6	0	6	0	0	0	0	0	0	6	0	6	6	0	6

2.1c: Area-Wise, Crop-wise Irrigation Status –Yadgir taluk

Crop Type	Kharif (Area in ha)			Rabi (Area in ha)			Summer (Area in ha)			Total (Area in ha)			Horticulture and Plantation Crops (Area in ha)		
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
A) Cereals	5181	1501	6682	3043	20260	23303	1765	0	1765	9989	21761	31750			
B) Coarse Cereals	0	0	0	0	0	0	0	0	0	0	0	0			
C) Pulses	4	25367	25371	0	928	928	0	0	0	4	26295	26299			
D) Oil Seeds	624	1244	1868	14176	63	14239	0	0	0	14800	1307	16107			
E) Fibre	1253	16422	17675	0	0	0	0	0	0	1253	16422	17675			
F) Fruits	132	165	297	35	0	35	0	0	0	167	165	332	167	165	332
G)Vegetables	439	0	439	389	0	389	6	0	6	834	0	834	834	0	834
H) Plantation	13	0	13	0	0	0	0	0	0	13	0	13	13	0	13
I) Spices	1	0	1	0	0	0	0	0	0	1	0	1	1	0	1
J) Flowers	23	0	23	0	0	0	0	0	0	23	0	23	23	0	23

2.2: Production and Productivity of Major Crops

Area in ha, Production in qtls/year, Productivity in Kgs/ha

Taluk Name	Season	Crop Sown					Area (ha)	Rainfed		Irrigated		Total	
		Cereals	Pulses	Oil Seeds	Fibre Crop	Any other crops		Production (Qtn/Yr)	Productivity or Yield (Kgs / ha)	Production (Qtn/Yr)	Productivity or Yield (Kgs / ha)	Production (Qtn/Yr)	Productivity or Yield (Kgs / ha)
Shahapur	A) Kharif	18459	16825	3006	59186		97476	475259	924	425419	1885	900678	1404
	B) Rabi	23800	4285	10477	0		38562	172236	881	478152	2515	650387	1698
	C) Summer	107	0	10453	0		10560	0	0	153483	1453	153483	1453
Total		42366	21110	23936	59186	0	146598	647495	903	1057054	1951	1704548	1518
Shorapur	A) Kharif	43698	13530	3295	27005		87528	542810	1493	931237	1819	1474047	1656
	B) Rabi	10388	12505	15383	0		38276	162178	788	246314	1392	408493	1090
	C) Summer	13599	0	14	0		13613	0	0	363059	2667	363059	2667
Total		67685	26035	18692	27005	0	139417	704988	1141	1540610	1959	2245599	1804
Yadgir	A) Kharif	6682	25371	1868	17675	21	51617	790033	1774	149735	2114	939768	1944
	B) Rabi	23303	928	14239	0	0	38470	200609	944	422915	2469	623524	1707
	C) Summer	1765	0	0	0	0	1765	0	0	43560.2	2468	43560	2468
Total		31750	26299	16107	17675	21	91852	990642	1359	616210.2	2350	1606852	2040
District Total/Mean		141801	73444	58735	103866	21	377867	2343125	1134	3213874	2087	5556999	1787

Source: ACRS- 2014-15 and DES. GoK

5.1: ACTION PLAN FOR DIP UNDER PMKSY Newly Created WHS

Sl No	Name of the Blocks	Component	Activities	Total Programme of work under PMKSY		Programme for the year 2016-17		Programme for the year 2017-18		Programme for the year 2018-19		Programme for the year 2019-20		Programme for the year 2020-21	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Shahapur	PMKSY Watershed	Farm Ponds	750	525	150	105	150	105	150	105	150	105	150	105
3	Surpur			950	665	190	133	190	133	190	133	190	133	190	133
4	Yadgir			625	437	125	87	125	87	125	87	125	87	125	87
5	Total			2325	1627	465	325	465	325	465	325	465	325	465	325
6	Shahapur	PMKSY Watershed	Check Dams	38	94	8	19	8	19	8	19	8	19	8	19
7	Surpur			47	118	9	23	9	23	9	23	9	23	9	23
8	Yadgir			60	150	12	30	12	30	12	30	12	30	12	30
9	Total			145	362	29	72	29	72	29	72	29	72	29	72
10	Shahapur	PMKSY Watershed	Nalla Bonds	5	10	1	2	1	2	1	2	1	2	1	2
11	Surpur			6	12	1	2	1	2	1	2	1	2	2	4
12	Yadgir			9	18	2	4	2	4	2	4	2	4	1	2
13	Total			20	40	4	8	4	8	4	8	4	8	4	8
14	Shahapur	PMKSY Watershed	Perculations	7	15	1	2	2	4	2	4	1	3	1	2
15	Surpur		Tank	9	18	2	4	2	4	2	4	2	4	1	2

16	Yadgir			8	15	1	2	1	2	2	4	2	3	2	4	
17	Total			24	48	4	8	5	10	6	12	5	10	4	8	
18	Shahapur	PMKSY Watershed	Other G/W recharge Structures	10	10	2	2	2	2	2	2	2	2	2	2	
19	Surpur			11	11	2	2	5	2	2	2	2	2	2	3	3
20	Yadgir			25	25	5	5	9	5	5	5	5	5	5	5	5
21	Total			46	46	9	9		9	9	9	9	9	10	10	
22	Shahapur	PMKSY Watershed	Fishery/Cattle Ponds	0	0	0	0	0	0	0	0	0	0	0	0	
23	Surpur			0	0	0	0	0	0	0	0	0	0	0	0	0
24	Yadgir			0	0	0	0	0	0	0	0	0	0	0	0	0
25	Total			0	0	0	0	0	0	0	0	0	0	0	0	
26	Grand Total			2560	2123	511	422	503	424	513	426	512	424	512	423	

5.2: Strategic Action Plan for Irrigation in District under PMKSY

Sl No	Name of the Block/Sub District	Connected Ministry/Department	Component	Activity	Total Number/Capacity	Command Area/Irrigation Potential in Ha	Period of Implementation (5/7 Years)	Estimated Cost Rs in Lakhs
1	2	3	4	5	6	7	8	9
1	Shorapur Taluk of Yadagir District	Ministry of Water Resources (MOWR)	Har khet ko pani	Major Irrigation (Renovation and Modernisation)	18516.89 Ha	Total Area 18516.89 Ha	5	
					2016-17	749.17		190.50
					2017-18	4300.00		310.00
					2018-19	5305.60		360.38
					2019-20	3881.15		450.00
					2020-21	4280.97		508.15
				Total			1819.03	

5.3: ACTION PLAN FOR DIP UNDER PMKSY Newly RENOVATED WHS

Sl No	Name of the Blocks	Component	Activities	Total Programme of work under PMKSY		Programme for the year 2016-17		Programme for the year 2017-18		Programme for the year 2018-19		Programme for the year 2019-20		Programme for the year 2020-21	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Shahapur	PMKSY Watershed	Farm Ponds	1500	1050	300	210	300	210	300	210	300	210	300	210
3	Surpur			1900	1330	380	266	380	266	380	266	380	266	380	266
4	Yadgir			1250	875	250	175	250	175	250	175	250	175	250	175
5	Total			4650	3255	930	651	930	651	930	651	930	651	930	651
6	Shahapur	PMKSY Watershed	Check Dams	150	375	30	75	30	75	30	75	30	75	30	75
7	Surpur			190	475	38	95	38	95	38	95	38	95	38	95
8	Yadgir			240	600	48	120	48	120	48	120	48	120	48	120
9	Total			580	1450	116	290	116	290	116	290	116	290	116	290
10	Shahapur	PMKSY Watershed	Nalla Bonds	20	40	4	8	4	8	4	8	4	8	4	8
11	Surpur			25	50	5	10	5	10	5	10	5	10	5	10
12	Yadgir			35	70	7	14	7	14	7	14	7	14	7	14
13	Total			80	160	16	32	16	32	16	32	16	32	16	32
14	Shahapur	PMKSY Watershed	Percolations Tank	30	60	6	12	6	12	6	12	6	12	6	12
15	Surpur			35	70	7	14	7	14	7	14	7	14	7	14
16	Yadgir			30	60	6	12	6	12	6	12	6	12	6	12
17	Total			95	190	19	38	19	38	19	38	19	38	19	38
18	Shahapur	PMKSY Watershed	Other G/W recharge Structures	50	50	10	10	10	10	10	10	10	10	10	10
19	Surpur			55	55	11	11	11	11	11	11	11	11	11	11
20	Yadgir			125	125	25	25	25	25	25	25	25	25	25	25
21	Total			230	230	46	46	46	46	46	46	46	46	46	46

22	Shahapur	PMKSY Watershed	Fishery/Cattle Ponds	0	0	0	0	0	0	0	0	0	0	0	0	
23	Surpur			0	0	0	0	0	0	0	0	0	0	0	0	0
24	Yadgir			0	0	0	0	0	0	0	0	0	0	0	0	0
25	Total			0	0	0	0	0	0	0	0	0	0	0	0	
26	Grand Total			5635	5285	1127	1057	1127	1057	1127	1057	1127	1057	1127	1057	

5.4: ACTION PLAN FOR DIP UNDER PMKSY - Per Drop More Crop

Area in ha; Amount Rs in Lakh

Sl No	Name of the Blocks	Component	Activities	Total Programme of work under PMKSY		Programme for the year 2016-17		Programme for the year 2017-18		Programme for the year 2018-19		Programme for the year 2019-20		Programme for the year 2020-21	
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
2	Shahapur	Per drop more crop (Micro Irrigation)	DPAP Sprinkler	16300	2939	3260	588	3260	588	3260	588	3260	588	3260	588
3	Surpur		DPAP Sprinkler	15900	2862	3180	572	3180	572	3180	572	3180	572	3180	572
4	Yadgir		DPAP Sprinkler	22500	4050	4500	810	4500	810	4500	810	4500	810	4500	810
5	Total			54700	9851	10940	1970	10940	1970	10940	1970	10940	1970	10940	1970
6	Shahapur	Per drop more crop (Micro Irrigation)	DPAP Drip	2100	1365	420	273	420	273	420	273	420	273	420	273
7	Surpur		DPAP Drip	1900	1235	380	247	380	247	380	247	380	247	380	247
8	Yadgir		DPAP Drip	2600	1690	520	338	520	338	520	338	520	338	520	338
9	Total			6600	4290	1320	858	1320	858	1320	858	1320	858	1320	858

5.5: Action Plan For Dip Under PMKSY - Dry Land Horticulture

Sl No	Name of the Blocks	Component	Activities	Total Programme of work under PMKSY		Programme for the year 2016-17		Programme for the year 2017-18		Programme for the year 2018-19		Programme for the year 2019-20		Programme for the year 2020-21			
				Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin		
1	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
2	Shahapur	PMKSY WATERSHED	Field Bund	3000	600	360	72	360	72	360	72	360	72	360	72		
3	Surpur			5000	1000	600	120	600	120	600	120	600	120	600	120	600	120
4	Yadgir			5000	1000	600	120	600	120	600	120	600	120	600	120	600	120
5	Total			13000	2600	1560	312	1560	312	1560	312	1560	312	1560	312		

5.6: Action Plan fo Farm Forestry

ACTION PLAN FOR DIP UNDER PMKSY

Sl No	Office Block/ Taluka	Activities	Compone nts	Total Programme of work under PMKSY		Programme for the year 2016-17		Programme for the year 2016-17		Programe for the year 2017-18		Programme for the year 2018-19		Phy in Ha: Fin rs in Lakhs			
				Phy Ha	Fin Lakh	Phy Ha	Fin Lakh	Phy Ha	Fin Lakh	Phy Ha	Fin Lakh	Phy Ha	Fin Lakh	Phy Ha	Fin Lakh	Phy Ha	Fin Lakh
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Shahapur	Bund Planting		764	56.00	0	0	191	14.00	191	14.00	191	14.00	191	14.00	191	14.00
2	Shorapur	Bund Planting		955	70.00	191	14.00	191	14.00	191	14.00	191	14.00	191	14.00	191	14.00
3	Yadagir	Bund Planting		955	70.00	191	14.00	191	14.00	191	14.00	191	14.00	191	14.00	191	14.00
	Total			2674	196.00	382	28	573	42.00	573	42.00	573	42.00	573	42.00	573	42.00