

DISTRICT IRRIGATION PLAN

CHIKKAMAGALURU



Prepared by

JOINT DIRECTOR OF AGRICULTURE, CHIKKAMAGALURU

JULY - 2016

FOREWORD

Chikkamagaluru district has been foreign exchange earner for the country for ages, through its dominating position in production, processing and trading of Coffee and other plantation products. Lately it is gaining the name of Pepper Kingdom, owing to the immense increase in earnings by this product in the district. Although per capita income is around 1.18 lakhs, disparities within the population is highly visible, mostly due to the fact that bulk of district GDP comes from Services sector like, Exports, Trade, Banking and Hospitality sector, in which larger population does not participate.

The three distinctly different agro-climatic zones of the district also contribute to income disparities in the rural areas, with a sparsely populated hilly and Malnad region, that contribute income from plantations have a higher per capita earning than the plains of Central dry zone of Kadur taluk and Southern Transitional Zone of Tarikere and eastern parts of Chikkamagaluru taluk. High rainfall of Malnad region varying between 1900 mm to 3500 mm and scanty rains in Kadur and Tarikere taluks between 600 mm and 700 mm not only cause income disparities, but also challenges in distribution of water for agriculture and domestic use purposes, so much so some of the villages in high rainfall zone and scanty rainfall regions face drinking water issues in summer.

The district has seized the Prime Minister's Krishi Sinchayee Yojana as an opportunity to plan for better use of rain water for agriculture, domestic, livestock, industrial and other uses. The prime focus of the plan has been to improve ground water situation in the drier regions of district with accelerated ground water recharge from perennial sources of water like rivers and reservoirs, and at the same time take up catchment area treatment with watershed

development activities. The district intends to provide precision irrigation equipment to all the farms that use borewells for irrigation.

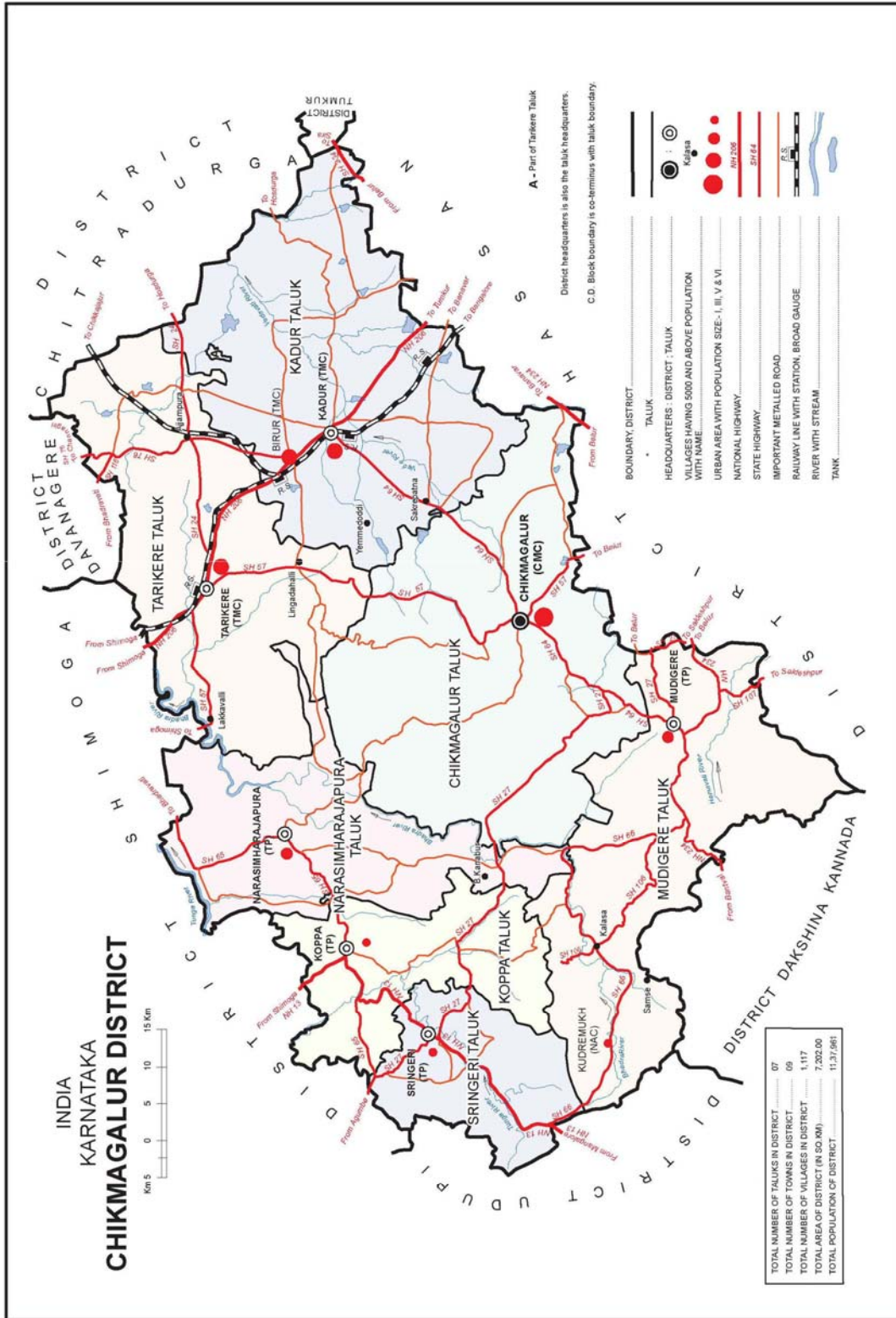
The District Irrigation Plan has focussed on re-use of water specially from urban local bodies and hence a specific action plan to establish Sewerage Treatment Plants has been included in it. All the efforts will be complemented with a drive for afforestation in central dry zones of Kadur and the transitional Tarikere taluk.

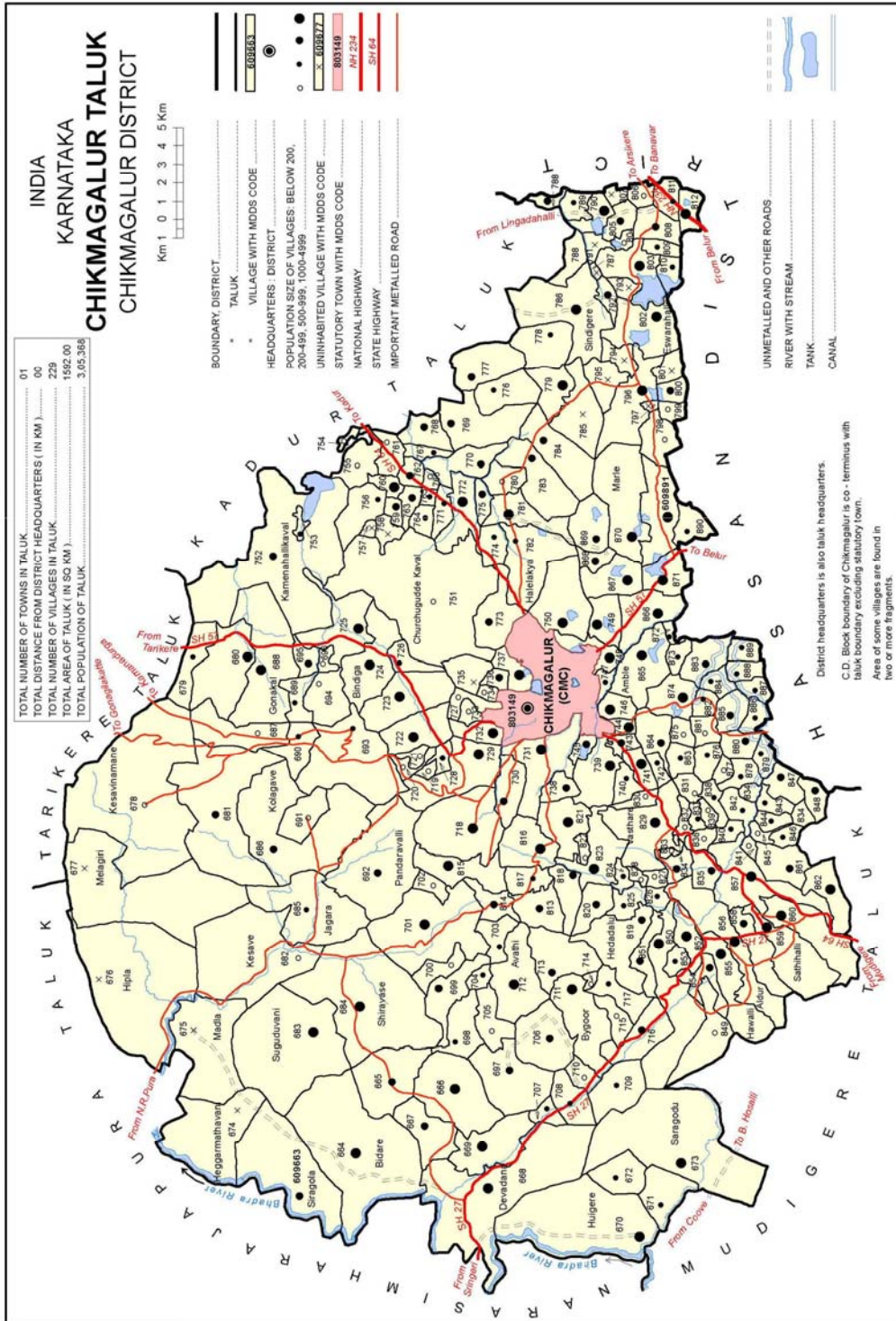
The district Action plan has a equity face too. Much of the activitiars planned by Zilla Panchayath, Department of Agriculture and other departments directly benefit people with employment opportunities under MGNREGA convergence.

The action plan to invest around 4044.83 Crores is expected to contribute to Agriculture income through area expansion under irrigated agriculture, more area coming under protective irrigation and development of a healthy ground water recharge systems, with focus on natural regeneration of ecology in rain precarious taluks. The district foresees a distinct shift in farming with a shift towards commercial agriculture with a strong focus on water use efficiency.

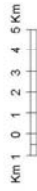
Date: 22nd August 2016
Chikkamagaluru

Smt. G. Sathyavathi, IAS
Deputy Commissioner &
District Magistrate

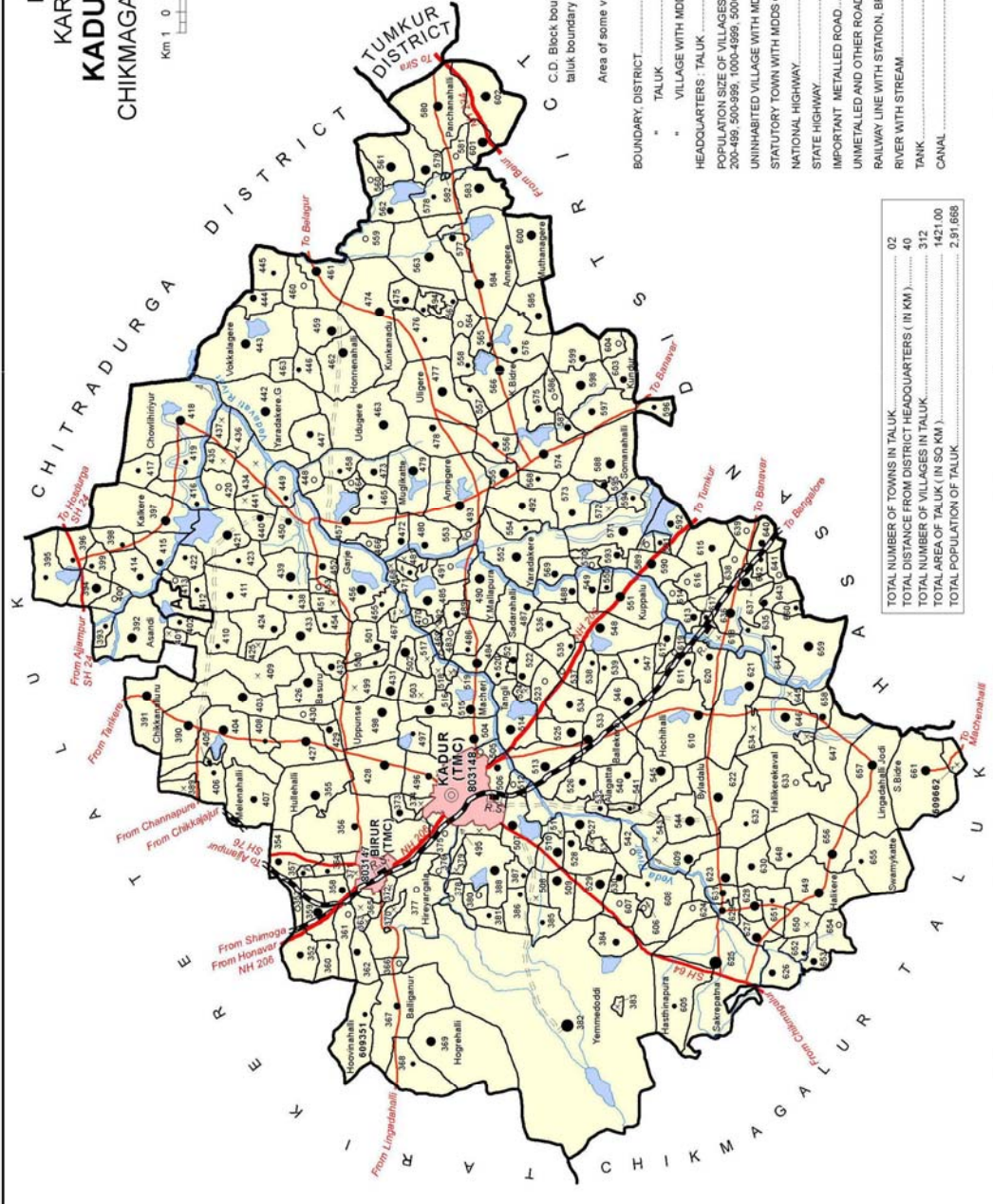




INDIA
KARNATAKA
KADUR TALUK
CHIKMAGALUR DISTRICT



A -Part of Tankere Taluk

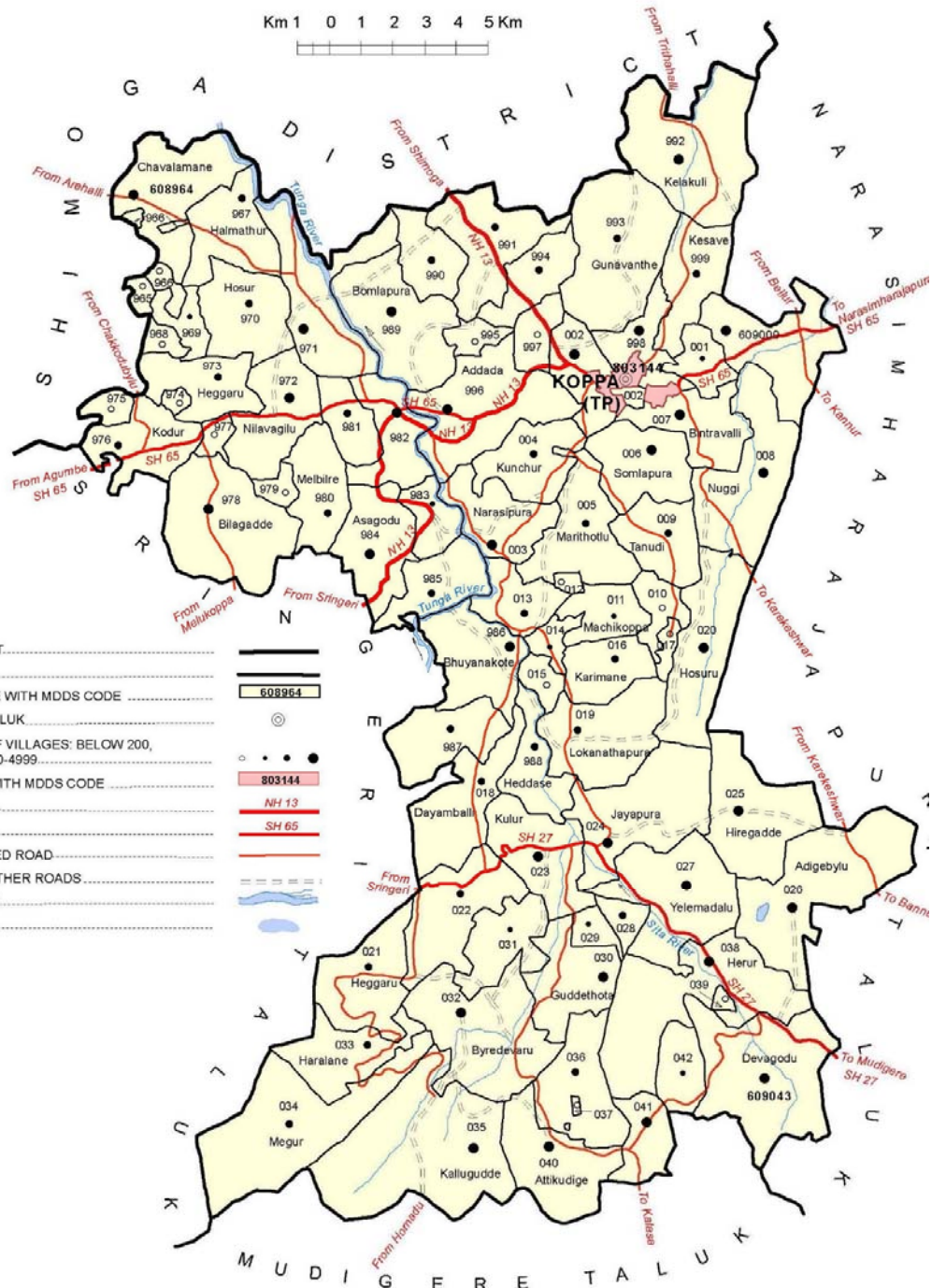
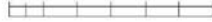


- BOUNDARY: DISTRICT
- TALUK
- VILLAGE WITH MDDS CODE
- HEADQUARTERS: TALUK
- POPULATION SIZE OF VILLAGES: BELOW 200
- 200-499, 500-999, 1000-4999, 5000 AND ABOVE
- UNINHABITED VILLAGE WITH MDDS CODE
- STATUTORY TOWN WITH MDDS CODE
- NATIONAL HIGHWAY
- STATE HIGHWAY
- IMPORTANT METALLED ROAD
- UNMETALLED AND OTHER ROADS
- RAILWAY LINE WITH STATION, BROAD GAUGE
- RIVER WITH STREAM
- TANK
- CANAL

TOTAL NUMBER OF TOWNS IN TALUK	02
TOTAL DISTANCE FROM DISTRICT HEADQUARTERS (IN KM)	40
TOTAL NUMBER OF VILLAGES IN TALUK	312
TOTAL AREA OF TALUK (IN SQ KM)	1421.00
TOTAL POPULATION OF TALUK	2,91,668

INDIA
KARNATAKA
KOPPA TALUK
CHIKMAGALUR DISTRICT

Km 1 0 1 2 3 4 5 Km

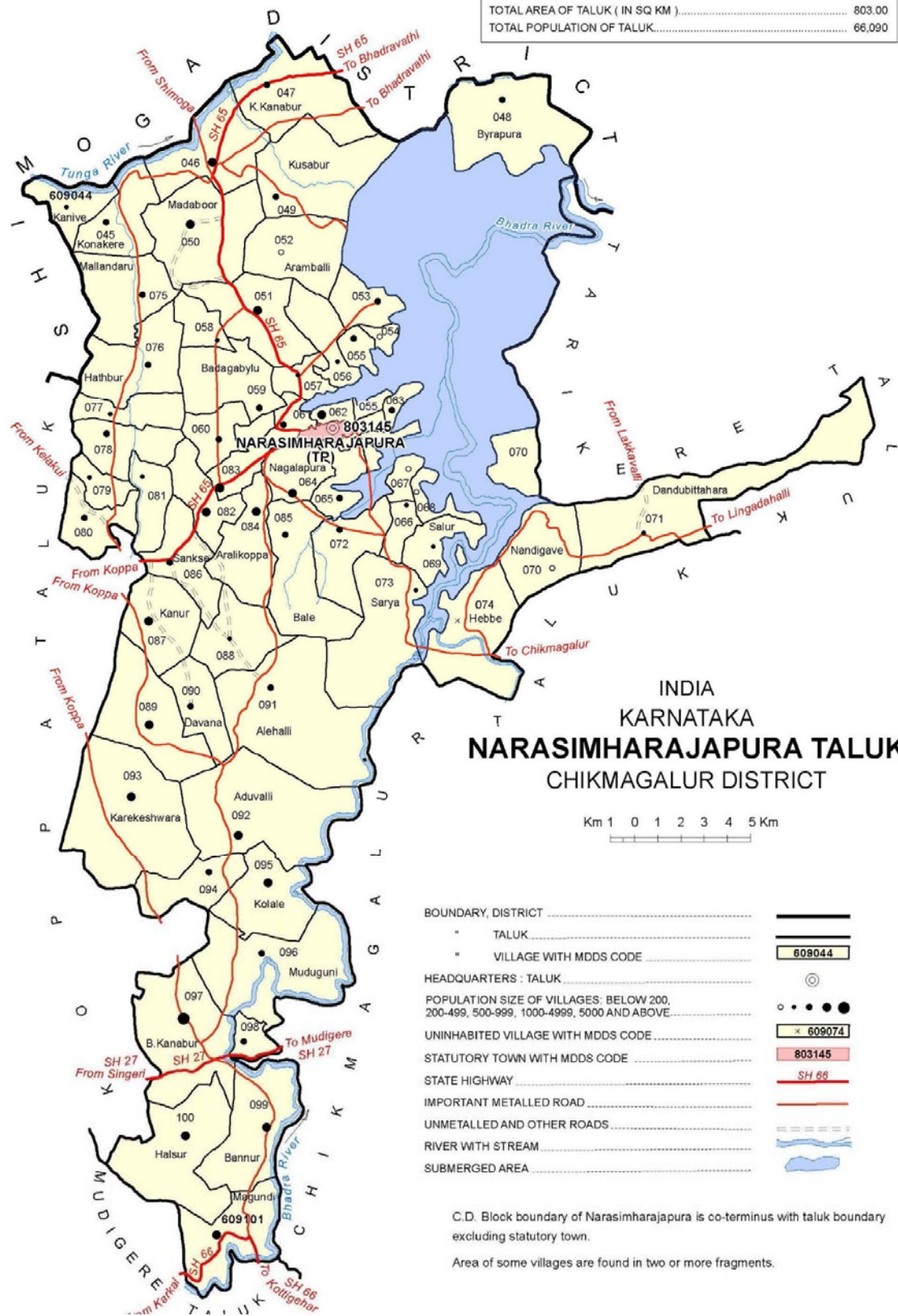


- BOUNDARY, DISTRICT.....
- * TALUK.....
- * VILLAGE WITH MDDS CODE
- HEADQUARTERS : TALUK.....
- POPULATION SIZE OF VILLAGES: BELOW 200, 200-499, 500-999, 1000-4999.....
- STATUTORY TOWN WITH MDDS CODE
- NATIONAL HIGHWAY.....
- STATE HIGHWAY.....
- IMPORTANT METALLED ROAD.....
- UNMETALLED AND OTHER ROADS.....
- RIVER WITH STREAM.....
- TANK.....

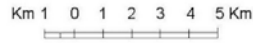
TOTAL NUMBER OF TOWNS IN TALUK.....	01
TOTAL DISTANCE FROM DISTRICT HEADQUARTERS (IN KM).....	95
TOTAL NUMBER OF VILLAGES IN TALUK.....	80
TOTAL AREA OF TALUK (IN SQ KM).....	566.00
TOTAL POPULATION OF TALUK.....	84,882

C.D. Block boundary of Koppa is co-terminus with taluk boundary excluding statutory town.
Area of some villages are found in two or more fragments.

TOTAL NUMBER OF TOWNS IN TALUK.....	01
TOTAL DISTANCE FROM DISTRICT HEADQUARTERS (IN KM).....	90
TOTAL NUMBER OF VILLAGES IN TALUK.....	58
TOTAL AREA OF TALUK (IN SQ KM).....	803.00
TOTAL POPULATION OF TALUK.....	66,090



INDIA
KARNATAKA
NARASIMHARAJAPURA TALUK
CHIKMAGALUR DISTRICT



BOUNDARY, DISTRICT	
" TALUK	
" VILLAGE WITH MDDS CODE	
HEADQUARTERS : TALUK	
POPULATION SIZE OF VILLAGES: BELOW 200, 200-499, 500-999, 1000-4999, 5000 AND ABOVE	
UNINHABITED VILLAGE WITH MDDS CODE	
STATUTORY TOWN WITH MDDS CODE	
STATE HIGHWAY	
IMPORTANT METALLED ROAD	
UNMETALLED AND OTHER ROADS	
RIVER WITH STREAM	
SUBMERGED AREA	

C.D. Block boundary of Narasimharajapura is co-terminus with taluk boundary excluding statutory town.
Area of some villages are found in two or more fragments.

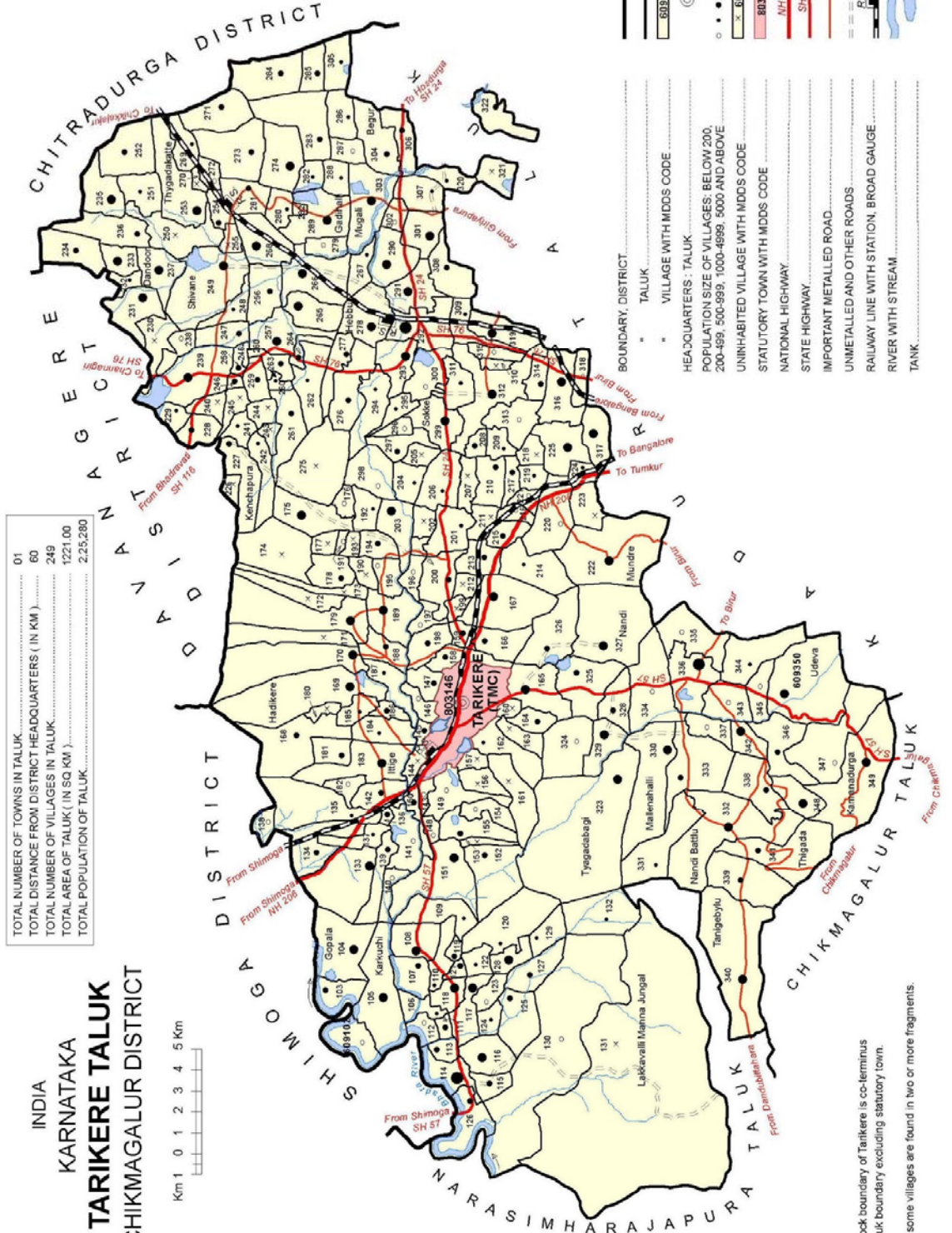
TOTAL NUMBER OF TOWNS IN TALUK.....	01
TOTAL DISTANCE FROM DISTRICT HEADQUARTERS (IN KM).....	90
TOTAL NUMBER OF VILLAGES IN TALUK.....	49
TOTAL AREA OF TALUK (IN SQ KM).....	444.00
TOTAL POPULATION OF TALUK.....	36,539

INDIA
KARNATAKA
SRINGERI TALUK
CHIKMAGALUR DISTRICT



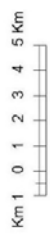
BOUNDARY, DISTRICT		STATUTORY TOWN WITH MDDS CODE		803143
* TALUK		NATIONAL HIGHWAY.....		NH 13
* VILLAGE WITH MDDS CODE		STATE HIGHWAY.....		SH 66
HEADQUARTERS : TALUK		IMPORTANT METALLED ROAD		
POPULATION SIZE OF VILLAGES: BELOW 200, 200-499, 500-999, 1000-4999.....		UNMETALLED AND OTHER ROADS		
UNINHABITED VILLAGE WITH MDDS CODE		RIVER WITH STREAM		
				608927

C.D. Block boundary of Sringeri is co- terminus with taluk boundary excluding statutory town.



TOTAL NUMBER OF TOWNS IN TALUK.....	01
TOTAL DISTANCE FROM DISTRICT HEADQUARTERS (IN KM).....	60
TOTAL NUMBER OF VILLAGES IN TALUK.....	249
TOTAL AREA OF TALUK (IN SQ KM).....	1221.00
TOTAL POPULATION OF TALUK.....	2,25,280

INDIA
KARNATAKA
TARIKERE TALUK
CHIKMAGALUR DISTRICT



- BOUNDARY, DISTRICT
- TALUK
- VILLAGE WITH MDS CODE
- HEADQUARTERS - TALUK
- POPULATION SIZE OF VILLAGES: BELOW 200, 200-499, 500-999, 1000-4999, 5000 AND ABOVE
- UNINHABITED VILLAGE WITH MDS CODE
- STATUTORY TOWN WITH MDS CODE
- NATIONAL HIGHWAY
- STATE HIGHWAY
- IMPORTANT METALLED ROAD
- UNMETALLED AND OTHER ROADS
- RAILWAY LINE WITH STATION, BROAD GAUGE
- RIVER WITH STREAM
- TANK

C.D. Block boundary of Tarikere is co-terminus with taluk boundary excluding statutory town.
Area of some villages are found in two or more fragments.

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CHIKKAMAGALURU DISTRICT IRRIGATION PLAN

EXECUTIVE SUMMARY

I. Introduction

i. Background

Chikkamagaluru district, often described as “Nature’s Own Nest”, is a land of hills, forests, rivers and canals. With an elevation up to 1090 meters above Mean Sea Level (MSL), it houses the highest peak of the state in Mullayyana Giri and is the seat of two famous temple towns of Sringeri and Horanadu, both located in the midst of lush green forests embedding coffee and tea plantations.

The district is formed of 7 administrative blocks, namely Chikkamagaluru, Mudigere Sringeri, Koppa, NR Pura, Tarikere and Kadur. The Taluks of Mudigere, Sringeri, Koppa, NR Pura and parts of Chikkamagaluru taluk are in Hilly Zones and the taluks Tarikere and eastern part of Chikkamagaluru are in Transitional zones, and major part of Kadur block lies in the Central Dry Zone. The district lies between 13.32⁰N latitude in and 75.77⁰E longitudes and encompasses an area of 7,205 sq. kilometres.

The seven administrative blocks are spread over Hilly (Malnad) Agro-climatic Zone (Zone 9), Southern Transition Zone (Zone 7) and Central Dry Zone (Zone (4)). Agriculture economy in the hilly zones is predominantly plantations crops of Coffee, Arecanut, Pepper, Tea and silviculture. Plains are dominated with dryland-rainfed crops that constitute subsistence agriculture to a large extent.

CHIKKAMAGALURU

Population

11.38 lakhs

Rural: 84%

Urban: 16%

Literacy rate: 79.24%

Administration

Number of taluks: 7

Number of towns: 10

Main rivers:

Tunga,
Bhadra,
Hemavathi,
Vedavathi

Food Crops

Paddy,
Ragi,
Maize
Pulses
Sesamum

Commercial crops

Coffee
Pepper
Arecanut
Coconut

Vegetable Crops

Potato,
Tomato,
Ginger

Fruit Crops

Banana & Mango

Population

The district is home to 11.38 lakh people of which nearly 84% live in rural areas and 16% in urban areas. Out of the rural population nearly 55% live in four rich plantation belt and the remaining 45% live in dryer transitional zone, indicating pressure on land in dryer transitional zone of Tarikere and Kaduru.

- Sringeri Taluk has the least population in the district with just 3% of population.
- Tarikere Taluk has highest Rural Population followed by Kaduru Taluk
- Chikkamagaluru Tops Urban Population with 40% of total urban head counts

Table-1: Population of District

Blocks	Population						
	Male	Female	Rural	Urban	Total	Rural%	Urban%
Hilly Region							
Chikkamagaluru	151921	153447	186967	118401	305368	61.23	38.77
Koppa	41746	43136	79889	4993	84882	94.12	5.88
Mudigere	63102	65032	116216	11918	128134	90.70	9.30
N.R.Pura	32449	33641	58632	7458	66090	88.72	11.28
Sringeri	18030	18509	32617	3922	36539	89.27	10.73
Sub Total	307248	313765	474321	146692	621013		
Transition Region							
Kaduru	146483	145185	234794	56874	291668	80.50	19.50
Tarikere	112891	112389	189338	35942	225280	84.05	15.95
Sub Total	259374	257574	424132	92816	516948		
Total	566622	571339	898453	239508	1137961	84.08	15.92

GDP/ District Income

Chikkamagaluru economy had predominantly been dependent on plantation crops of coffee, pepper, areca nut in 4 hilly blocks and on rainfed crops in the two dryer and rainfed taluks. The scenario has not changed much but the ancillary sectors to coffee and other plantations crops have shown good growth. The GDP for the year 2013-14 is estimated at Rs. 19,708 Crores, of which Primary sector contributes 3,847 Crores, with a contribution of Rs. 3183 Crores from agriculture and Rs. 295 Crores from Animal Husbandry and Rs. 284 Crores from Forests. (Sources DES, GOK, Reports)

DISTRICT GDP 2013-14

Rs. 19,708 Crores

Primary Sector

Rs. 3847 Crores (20%)

Secondary Sector

Rs. 6068 Crores (31%)

Tertiary Sector

Rs. 8129 Crores (49%)

Agriculture

Rs. 3513 Crores (18%)

Land and Land Use

The total geographical area of the district is 7,205 sq. kilometres. Of this, only around 41% of area is cultivable. Land utilisation in different taluks is as follows:

FACTS

- Cultivable Area forms 41% of the Geographic Area
- Plantation area of around 78,772 Ha forms 27% of cultivated area.
- Forest Area is 28% of Geographical Area

Table-2: Land Use Pattern (Area in ha)

Taluk	Forest	Non Agri cultural waste	Barren	Cultivable waste	Permanent Pasture	Fallow land	Trees and Groves	Cultivated area
Chikkamagalur	47455	7516	7230	5430	17570	7382	5438	63379
Kaduru	8984	8861	7933	6309	5933	10074	4245	89161
Koppa	9684	1504	2142	144	18756	582	4430	19958
Mudigere	30604	9572	2396	3475	21022	3302	2095	43734
N.R.Pura	31944	9451	4708	3894	14443	391	953	12116
Sringeri	28366	1242	745	70	3812	323	2144	7598
Tarikere	43448	5139	3168	0	7049	3036	409	59351
Total	200485	43285	28322	19322	88585	25090	19714	295297

Source: Chikmagalur at a Glance 2012-13

The total cultivated area of 2,95,297 hectares has an area of around 78,772 hectares under plantations (26.68%). Around 2,16,525 hectares is under other crops. The main crops of the district are Coffee, Pepper, Cardamom and Arecanut in Hilly Zone, whereas Paddy is cultivated in the plains within the hilly zone. The cropping pattern changes to of Ragi, Maize, Pulses and to some extent oilseeds in the plains, i.e. Kadur, Tarikere and parts of Chikkamagaluru.

Irrigated and Rainfed Agriculture

The gross sown area in the district crosses 3,11,853 hectares, of which 19% is under irrigation and 81% is under rainfed crops. Further plantation crops and horticulture crops (fruits and vegetables) account for 1,29,758 hectares (42%) and food crops account for 1,78,895 hectares.

Out of 2,95,297 hectares of cultivated area, 36,058 hectares (12.21%) is irrigated and around 33,894 hectares (11.48%) is partially irrigated. Around 5,787 hectares are irrigated by canals, 7,128 hectares by tanks and around 22,844 hectares are irrigated by 24,212 borewells. Kadur block has 11,603, Tarikere 8,877 and Chikkamagaluru has 2,348 borewells. (Source: District Statistics Centre, Chikkamagaluru, 2012-13).

Open wells are very few and area irrigated by them is negligible. Around 230 hectares are irrigated by lift irrigation scheme in NR Pura Block.

Productivity of Major Crops

Paddy, which is the major irrigated crop, has a productivity of around 40 quintals per hectare in kharif and 44 quintals in summer. Ragi is the other major staple crop, has a productivity of 937 kg per hectare. Maize has productivity of 2,318 kg per hectare. In the year 2012-13, the Pulses were cultivated on an area of 24,148 hectares and the productivity was around 548 kg per hectare. (Chapter -2, Annexures- Table-2.2). These are reasonable taking in to account Agro-ecological conditions of the district and crop and varietal preferences of farmers.

Agro-ecology

Chikkamagalur enjoys a good climate with heavy rainfall in the hilly regions averaging up to 1900 mm, while in the plains, i.e., drier taluks of Kadur and Tarikere, the rainfall averages 600 mm and 700 mm, respectively. The heavy rainfall zones support plantation crops and the plains with lower rainfall support food crops in plains.

The number of rainy days is 81 of which 71 days are accounted in Monsoon months and the balance 10 days in winter and summer months. The district enjoys Iso-Hypothermic temperature ranges between 15⁰C and 36⁰C in summer. The potential evapotranspiration is quite high in summer at 600 mm and low in rainy season at around 240 mm and in winter it is 400 mm.

Animal Husbandry

The district produces around 3.66 lakh litres of milk every day, 60% of which comes from dry taluks of Kadur and Tarikere. The district has a livestock population of 18.37 lakhs of

IRRIGATION

Cultivated Area

2,95,297 Hectares

Net Irrigated Area

36,058 Hectares
(12.21%)

Partially Irrigated Area

33894 hectares (11.47%)

Un-Irrigated Area

1,35,576 Hectares
(76.31%)

Irrigated by Canals

8147 Ha

Irrigated by Tanks

5787 Ha

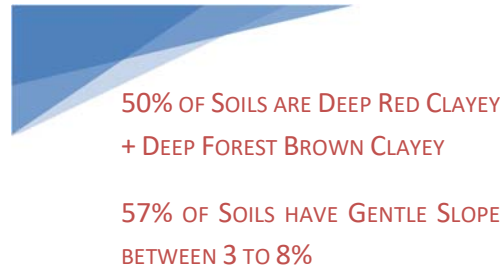
Irrigated by Borewells

22,844 Ha

Irrigated by Others

15,080 Ha

which Poultry accounts for 11.78 lakhs, dairy cattle 3.38 lakhs (Crossbred cows 0.80 lakhs), Sheep and goat rearing is prevalent in Kadur and Tarikere blocks and poultry industry has a placement of around 11.78 lakh birds, mainly for meat production purposes.



Soils

Deep red clayey soils and deep forest brown clayey soils form 50% of the soils of the district. Around 89,184 hectares are alluvial soils (affected by salinity). Lateritic soils are found in an area of 82,731 hectares and the remaining lands are red gravelly and red clayey soils. Deep forest brown soils support plantation crops, while the red gravelly clayey and red soils are features of dryland agriculture. As high as 57% of the total land area has gentle slope between 3 to 8% and 13% of the lands with slope between 8 to 25% representing the steep hill region. The slopy lands support plantation crops in high rainfall zone and plain lands with deep red loam and gravelly soils constitute around 30% of the lands seen in dry taluks.

Groundwater & Command Area Development

The two distinct regions, namely wet hilly region and the dry plains present generally a good groundwater situation with only 40% of Kadur block declared as critical zone. Most of the borewells are in dry plains and support irrigation for an area of around 22,844 hectares.

The Central Ground Water Resources Board has estimated that the annual draft of groundwater in the district is around 0.24 BCM while the annual recharge is around 0.56 BCM. However, in Kadur block the draft is 0.10 BCM and recharge is 0.10 BCM. In Tarikere block also the situation is quite close with a draft of 0.50 BCM and recharge of 0.63 BCM. Surplus groundwater is seen in Mudigere, Koppa and NR Pura and Chikkamagaluru blocks. In Sringeri block

GROUND WATER

- Kadur & Tarikere Taluks account for 80% of 24,212 Borewells in the district.
- Kadur has 40% area under Critical Groundwater Status and another 40% is in Semi Critical status. Annual recharge and draft are equal here at around 0.10 BCM.
- Tarikere Taluk has high draft of 0.50 BCM against recharge of 0.63 BCM

groundwater recharge is lowest with 0.07 BCM per annum despite being in high rainfall zone (smaller geographic area).

Assured irrigation through command area development is limited in the district. Presently around 5587 hectares are covered by canals.

Water Demand & Availability

There are several estimates available in terms of water demand for the district. According to the estimates provided by Water Technology Centre for Cauvery Command Area, V C Farm, Mandya, the crop water demand is estimated at 2.41 BCM for a total cultivated area of 3.42 lakh hectares. They have also estimated a demand of 0.056 BCM for domestic purpose and 0.37 BCM for industrial needs. The needs of animal husbandry are estimated at 0.021 BCM. Thus the total demand for water is around 2.86 BCM.

The estimates by them also show that annually around 6.12 BCM is available in the district, indicating a surplus of around 3.25 BCM. Although this situation presents itself as a very safe position, the district faces acute drinking water shortages in summer months. This is mainly due to the fact that bulk of the water is received during monsoon season and the rainfall in hilly zones is lost to rivers and canals and hence a need for creating infrastructure to spread water availability for the entire year arises. The district plan hence focuses on this issue and accordingly the action plan is prepared.

PMKSY

The Prime Minister *Krishi Sinchayi Yojana* or the Agriculture Irrigation plan aims at convergence of investments in irrigation sector, in order to expand the area under irrigation, reduce wastage of water and bring about water use efficiency at farm level as central to increasing crop yields on the one part and doubling farm income on the other.

In short the themes of “*Har Khet Ko Paani & More Crop Per Drop*” articulate the government’s efforts towards attaining water use efficiency for enhancing productivity on farms and increasing access to water for all, be it for irrigation, drinking, domestic and industrial purposes.

Planning for the next five years is undertaken at block level and converged to the district level, duly accounting for existing infrastructure in relation to water availability and proposing investments to attain expansion and efficiency.

Chikkamagaluru District Irrigation Plan (DIP) is compiled and presented here duly following the convergence factor by coordinating with different implementing agencies in the district, who are directly or indirectly concerned with irrigation in agriculture.

ii. Vision

To bring in an effective in-situ moisture conservation mechanism to promote better rainfed farming in transitional districts and to ensure long term water availability in hilly regions of the district by conserving water through a series of water harvesting measures in forest areas of hilly regions. The vision is to double GDP of transitional plains from the present levels.

iii. Objectives

1. To adopt in-situ moisture management practices in transitional plains in order to improve productivity by 20% in cereals and pulses.
2. To adopt 'Hard Pan' breaking technologies in dry plains to harvest moisture to deeper sub-surface, especially in deeper red-clayey soils on demonstration basis on 100 hectares in 2017-18 and expand it to 10,000 hectares by 2020.
3. To harvest water in hilly regions through a series of water harvesting structures to ensure water availability for the entire year.

OBJECTIVE

"Per Drop More Crop"

&

"Har Khet ko Paani"

To Double Agri GDP per Rural population in the Central Dry Agro Climatic Zone of Kadur Taluk & Also Transition Zone of Tarikere and Chikkamagaluru Blocks or bring it on par with Agri GDP per Rural Population of other Blocks in Hilly Agro Climatic Zone through a determined action plan under above Twin themes.

4. To bring about equipment audit in tube well/ bore well irrigated areas and ensure adequate supply of power load for at least 2 days in a week so that the energy equipment are optimally installed and used.
5. To cover 80% of horticulture crops under drip irrigation.
6. To train around 10,000 farmers through capacity building efforts in efficient water management and more specifically in water use efficiency.
7. To rejuvenate percolation tanks and increase storage capacity of the same through de-silting measures.
8. To improve groundwater quality in Kadur and Tarikere blocks by enhancing more fresh water recharge through deeper sub-surface harvest of rainfall.

iv. Strategies, Approach, Rationale

The emphasis of the District Irrigation Plan is on the Transition Zone, where the population density is higher and the per capita GDP is fairly low with livelihoods heavily dependent on rainfed cropping systems. With need for higher income, investment in tapping groundwater is increasing day by day and groundwater is depleting faster.

The scope for this region is in improving in-situ moisture management through deeper subsoil water harvest and increasing moisture holding capacity through physical and biological means.

The direction for DIP for hilly regions comes from large forest area where the rainfall is heavy in a short spell and water flows unhindered and is lost to streams and canals and rivers leading to shortage of water even for drinking in summer season.

RATIONALE

- THE PLAINS IN TRANSITION AND CENTRAL DRY AGRO CLIMATIC ZONE HAS LARGE CULTIVABLE TRACT AND
- LARGER POPULATION DEPENDENT ON IT.
- AGRICULTURE HERE IS BY AND LARGE RAINFED.
- CROP YIELDS PRESENT SCOPE FOR IMPROVEMENT

3 E CONCEPT

- EDUCATION
- ENGINEERING
- EFFICIENCY

Thus the direction for DIP brings about following shift in development approach

1. To educate farmers in irrigation water management,
2. To educate them in in-situ moisture management,
3. To introduce deeper subsurface tilling for better storage of rainwater and reducing run-offs,
4. Better management of power supply to reduce wastage of water, power and reduce all stresses on crop that occur due to improper water supply / management,
5. Introducing subsurface shallow but wider tube wells for both runoff harvest and protective irrigation,
6. Introducing a concept of mobile solar water pumps to enable farmers to manage crop water supply and reducing moisture related stress in crops.

The present agriculture economy needs to be slightly re-engineered for a long term advantage to farmers by understanding the following value categories. Agriculture in Chikkamagaluru presents a mixed picture. With Coffee, Pepper and Areca nut the district has a high degree of C Category crops, which has led to a per hectare GDP of around 1.18 lakhs. But the Category A crops dominate the transitional zone taluks of Tarikere and Kadur, presenting a challenge to bring about parity in income between the two regions. The action plan therefore has two-pronged approach.

1. Water harvesting and efficient groundwater recharge management systems for transitional plains of Tarikere and Kadur blocks

CROP CATEGORIES

Category A Crops

- Low Value
- High Volume
- Examples: Cereals & Pulses.
- Supports Subsistence of Farm Families

Category B Crops

- Medium Value
- Medium Volume
- Examples: Fruits & Vegetables
- Supports Sustenance of Farm Fields & family

Category C

- High Value
- Low Volume
- Examples: Plantation Crops, Pepper, Arecanut, Coffee
- Gives Profits in addition to Sustenance of Farm and Family

2. Continue promotion of drip irrigation, sprinkler irrigation and promotion of horticulture crops as also promoting hi-tech intensive horticulture to get more crops per drop.

Action Plan

A sum of Rs. 4216.13 Crores has been proposed for the district Irrigation plan up to the year 2020. It is apportioned as follows among departments. The funds allocation among the taluks is given in the box

TOTAL ACTION PLAN OUTLAY

RS. 4216.13 CRORES

TALUK	RS. IN CRORES
HILLY REGIONS	
KOPPA	37.80
MUDIGERE	77.08
NR PURA	16.26
SRINGERI	4.82
SUB TOTAL	135.96
TRANSITION ZONE	
CHIKKAMAGALURU	289.89
TARIKERE	2142.21
SUB TOTAL	2432.10
CENTRAL DRY ZONE	
KADURU	1387.00
SUB TOTAL	1387.00
OTHER UN-ALLOCATED	261.07

Implementing Agencies	Rs. in Crores
Upper Bhadra Project & CADA	3176.14
Minor Irrigation Department & KNNL	324.51
Department of Agriculture with MGNREGA Convergence	160.18
Department of Horticulture	24.10
Department of Forests	17.61
Department of Urban Development	400.31
Zilla Panchayath - MGNREGA	113.28
Total	4216.13

The District Irrigation Plan is dynamic and forward looking to improve the lives of people in transitional and central dry agro-climatic regions of the district. The plan aims to bring about increase in farm production and income of farmers in this region. The hilly agro-climatic region on the other hand is being treated with water stopper techniques of watershed development to enable storage of water from rainy season and extend its availability for the entire year and also to improve drinking water infrastructure for population and livestock here.

CHAPTER -1

GENERAL INFORMATION ABOUT DISTRICT

1.1 District Profile:

A. History

Chikkamagaluru district also called Motherland of Indian Coffee was called by the name Kaduru district till 1947. It is situated roughly in the south-western part of Karnataka state. A large area of the district is 'Malnad', i.e., a largely forested hilly region receiving heavy rainfall. The district takes its name from the headquarters town of Chikkamagaluru, which literally means *younger daughter's town* – *Chikka+Magala+Ooru (In Kannada)*. It is said to have been given away as dowry to the younger daughter of Rukmangada, the legendary chief of Sakrepatna.

A centre of education, trade and commerce, the town enjoys a salubrious climate and has venerated monuments of all regions – Kodandarama temple a synthesis of Hoysala and Dravidian styles of architecture, Jamia mosque and the new St. Joseph's Cathedral with an attractive shell shaped portico.

The mountains in Chikkamagaluru, which are a part of the Western Ghats, are the source of rivers like Tunga and Bhadra. The Yagachi River has its source near the town and flows in the south-easterly direction before uniting with the Kaveri river. Vedavathi also originated from the mountains of Mullayanagiri. Hemavathi, with its source in Mudigere, is a tributary of Kaveri. Thus, Chikkamagaluru is home to major rivers of Karnataka.

The district is rich in iron, magnetite and granite deposits. Black soil is found around Baba Budan Giri Hills whereas red and gravel soil are found in the southern parts of the district. It is also a tourist's paradise containing hill stations like Kemmanagundi and Kudremukh and waterfalls like Manikyadhara, Hebbe, Kallathigiri. Chikkamagaluru district has a rich history as is seen in the Hoysala temple at Amrithapura. Wildlife enthusiasts would be interested in the Kudremukh National Park and Bhadra Wildlife Sanctuary present in this district.

Economy

Chikkamagaluru economy had predominantly been dependent on plantation crops of coffee, pepper, areca nut in 4 hilly blocks and on rainfed crops in the two dryer and rainfed taluks. The scenario has not changed much but the ancillary sectors to coffee and other plantations crops have shown good growth.

1. The GDP for the year 2013-14 is estimated at Rs. 19,707.79 Crores, of which Primary sector contributes 3,847.45 Crores.
2. Out of this Agriculture and allied sectors contribute 3513.07 crores. (Agriculture Rs. 3183.14 Crores, Animal Husbandry Rs. 294.50 Crores, Rs. 35.43 Crores from Fisheries)
3. Secondary sector contributes a GDP of Rs. 6,068.08 Crores. Industry is predominantly Coffee curing and Areca nut curing and about 10% is contributed by electricity generation.
4. Tertiary sector has a share of Rs. 8,128.88 Crores in the GDP and is predominantly due to coffee trade, Temple Towns and Eco-tourism. Hospitality sector has shown a double digit growth with Home Stay and Resorts industry and the district has religious tourism also with two prime temple towns of Sringeri and Horanadu.
5. The per capita GDP of Rs. 1,68,412 (2013-14) indicates a healthy income at district level (especially as 85% of the population is in rural areas). Also, the per capita Agriculture GDP of the district is reasonably good at Rs. 39,101/- (Agriculture, Animal Husbandry and Fisheries).
6. A deeper analysis indicates that this figure is much higher in the four hilly taluks which constitute bulk of agriculture GDP with plantation crops. In comparison, the income in the dryer taluks of Kadur and Tarikere is from Ragi, Maize, Pulses and Coconut plantations, and this figures could be lower.
7. Out of the primary sector Agriculture and allied activities contribute around Rs. 3,513.07 Crores (19%) and it yields a GDP of Rs. 1,18,967/- per hectare of cultivated area.

All this information presents a picture of a strong rural economy, with all the three sectors strongly supporting rural population. However, there is a serious disparity in income between hilly regions or the Malnad Blocks and the Dryer Transitional blocks of Tarikere and Kadur, very evident from the fact that bulk of GDP is from plantation and plantation products, which is located in Malnad region.

B. Location of Chikkamagaluru District

The district is identified with code 570 for population census. It is situated between 12^o54'42'' and 13^o 53'53'' North latitude and between 75^o04'46'' and 76^o 21'50'' East longitude. (Table 1.1)

Table 3: Geographic Coordinates of Chikkamagaluru district

Name of the District	District Code	Latitude	Longitude
		12 ^o 54'42'' and 13 ^o 53'53''	75 ^o 04'46'' and 76 ^o 21'50''

Its greatest length from east to west is about 138.4 kilometres and from north to south 88.5 kilometres with a total geographical area of 7,202 Sq. Km. General boundaries are East- Tumakuru district, South – Hassan district, West – Western Ghats, which separates it from Dakshina Kannada (South Kanara) and Udupi, North- East: Chitradurga district, North – Shivamogga district. The district comprises of seven taluks viz., Chikkamagaluru, Kaduru, Koppa, Mudigere, N.R. Pura, Sringeri and Tarikere. Chikkamagaluru is situated at an elevation of 1,090 metres (3,580 ft) above Mean Sea Level (MSL). Mullayanagiri, which is the highest peak in Karnataka, is located in the district.

1.2 Demography:

The population of the district is 11,37,961 as per 2011 census with total households of 2,76,085. Of these, the male population is 5,66,622 and female population is 5,71,339, with a sex ratio of 1008 females per 1000 males, an unusual but favourable ratio. The rural population is dominant with 84% (8,98,453) and only 16% (2,39,508) live in urban pockets of the district. The average size of each household in the district is about 4.12 and it ranges from 3.92 in Sringeri taluk to 4.19 in Kadur taluk. The SC population of the district is about 50,719 (4.46%), whereas the ST population is about 9,006 (0.79%).

Table-4: Rural-urban distribution of population

Blocks	Population					%	
	Male	Female	Rural	Urban	Total	Rural	Urban
Chikkamagaluru	151921	153447	186967	118401	610736	61.23	38.77
Kaduru	146483	145185	234794	56874	583336	80.5	19.5
Koppa	41746	43136	79889	4993	169764	94.12	5.88
Mudigere	63102	65032	116216	11918	256268	90.7	9.3
N.R.Pura	32449	33641	58632	7458	132180	88.72	11.28
Sringeri	18030	18509	32617	3922	73078	89.27	10.73
Tarikere	112891	112389	189338	35942	450560	84.05	15.95
Total	566622	571339	898453	239508	2275922	84.08	15.92

Chikkamagaluru has a negative change in decadal population growth of -0.28% for 2011 as compared to 2001, but the state level variation is 15.60%. Kadur, N.R.Pura and Tarikere are the only taluks where slightly positive growth is seen. Mudigere has observed maximum negative growth of -9.40. The change in rural decadal population indicates the migration of rural communities to urban areas in search of livelihoods. The population density is 158 per square kilometre in Chikkamagaluru, half as compared to 319 of Karnataka.

1.3 Biomass and Livestock:

Animal Husbandry is one of the important economic activity in rural Chikkamagaluru. The district produces around 3.65 lakh litres of milk every day.

Table-5: Livestock population of Chikkamagaluru district

Name of the Taluk	Large Animals				Any other Milch or Meat Animal (Nos)	Draft Animal (Buffalo /Yak/Bulls/ any other (Nos)
	Indigenous Cow (Nos)	Hybrid Cow (Nos)	Non Descript Buffalo (Nos)	Hybrid Buffalo (Nos)		
Chikkamagaluru	47160	14560	11353	0	9355	0
Kaduru	77273	27935	18486	0	20076	0
Tarikere	44453	19662	21592	0	10384	0
Mudigere	25131	4803	6288	0	4365	0
Koppa	23522	5631	5465	0	6338	0
N.R.Pura	24342	4265	2754	0	5069	0
Sringeri	15859	2980	4932	0	4205	0
Total	257740	79836	70870	0	59792	0

The dairy is an important activity in dry zone of the district and Kadur, tarikere and Chikkamagaluru blocks dominate milk production. The district is also known for good breeds of bullocks and it has been known for large tracts of Amruth Mahal Kaval lands exclusively of grazing cattle population and small ruminants. A detailed account of cattle population including that of Bullocks and other cattle is given in table 1.3 enclosed to this report.

Table-6: Livestock Population of Chikkamagaluru district

Name of the Taluk	Small Animals				
	Poultry (No)	Duck (No.)	Pigs (Nos)	Goats (Nos)	Sheep (Nos)
Chikkamagaluru	182371	82	856	11572	14695
Kaduru	653403	2	287	23374	58211
Tarikere	130692	23	166	9830	17765
Mudigere	44023	29	419	903	304
Koppa	93154	22	264	54	191
N.R.Pura	49306	17	132	315	142
Sringeri	25433	0	34	20	4
Total	1178382	175	2158	46068	91312

Biomass in forest area of Chikkamagaluru District:

The tree cover along with forest cover gives a complete picture of tree resource of Chikkamagaluru district. Green cover in Chikkamagaluru district is 51.98% of district geographical area. The estimated biomass stock in Chikkamagaluru district in different forest area is 40.15 million tonnes.

Table-7: Carbon Mass/ Biomass

Name of the Division	Total Carbon stock (Million Tonnes)					Total Carbon Stock (million tonnes)
	Above ground biomass	Below ground biomass	Dead Wood	Litter	Soil	
Chikkamagaluru	2.93	0.85	0.04	0.43	6.8	11.04
Koppa	3.81	1.1	0.05	0.56	8.84	14.35
Bhadra Tiger Reserve	1.65	0.48	0.02	0.24	3.84	6.23
Kudremukh (Part)	1.17	0.34	0.01	0.17	2.72	4.41
Bhadravathi /Tarikere	1.09	0.31	0.01	0.07	2.54	4.12
Total	10.65	3.08	0.13	1.47	24.74	40.15

1.4 Agro-Ecology, Climate, Hydrology and Topography

Chikkamagaluru district lies in three agro-climatic zones, as classified for the state of Karnataka viz., Central Dry Zone (4), Southern Transitional Zone(7), Hilly Zone (9)

Chikkamagaluru district is part of the Karnataka plateau. Most of the plateau is Pedic plain in various stages of denudation. It has gentle to rolling surface with occasional monad rocks. In the geological past, the raising of the Western Ghats resulted in the tilting of the plateau and brought about a change in climate from humid to semi-arid.

Table-8: Agro-Ecology - Rainfall

Block	AE Zone	Terrain	Sq. Kms	Normal RF	Avg. RF
				Annual	Monthly
Chikkamagaluru	Hilly & Transitional	Hilly & Plain	1614	877	73.08
Kaduru	Central dry Zone	Plain land	1415	635	52.92
Koppa	Hilly	Hilly	572	2903	241.92
Mudigere	Hilly	Hilly	1162	2328	194.00
N R Pura	Hilly	Hilly	779	1607	133.92
Sringeri	Hilly	Hilly	443	3720	310.00
Tarikere	Transitional	Hilly & Plain	1216	904	75.33

Table-9: Agro-Ecology - Temperature

Block	Average Weekly Temperature - Celcius								
	Summer			Winter			Rainy		
	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean
Chikkamagaluru	19	30	24.5	15	29	22	17	26	21.5
Kaduru	21	36	28.5	16	36	26	20	31	25.5
Koppa	22	35	28.5	15	35	25	21	28	24.5
Mudigere	19	31	25	16	30	23	19	29	24
N R Pura	21	36	28.5	15	32	23.5	20	28	24
Sringeri	22	34	28	15	35	25	21	28	24.5
Tarikere	21	36	28.5	15	35	25	20	29	24.5

Table-10: Agro-Ecology – Evapo-Transpiration and Elevation

Block	Potential Evapo Transpiration				Elevation		
	Summer	Winter	Rainy	Cumulative	Min	Max	Mean
Chikkamagaluru	241	680	372	1292	578	1758	1168
Kaduru	272	707	418	1398	580	1276	928
Koppa	234	674	342	1249	519	1336	928
Mudigere	313	755	527	1595	500	1644	1072
N R Pura	238	677	355	1270	493	1135	814
Sringeri	229	672	336	1237	530	1226	878
Tarikere	268	698	408	1373	509	1705	1107

The district is a heavy rainfall area with an average rainfall between 1700mm to 2100mm. However, the three agro-ecological zones present very clear rainfall patterns.

Kadur falling in central dry zone has average rainfall of around 600mm, Tarikere in transitional zone has a rainfall of 900 mm and it is matched by Chikkamagaluru taluk which also falls in transitional zone. Remaining four taluks experience very heavy rainfall.

The district also has clear temperature zones, with humid climate in Hilly zone and minimum temperatures range from 19 to 21degree Celsius. During summer and maximum temperature ranging between 30 to 36 degree Celsius. In rainy season, the temperatures range from 17 degree Celsius to 21 degree Celsius, while in winter the minimum temperatures are around 15 degree Celsius and maximum temperatures range from 29 degree to 36 degree Celsius.

Potential evapo-transpiration is low in rainy season and winter seasons and high in summer months. The cumulative evapo-transpiration is same for all blocks at an average of 1340 mm

The district has a mean elevation of 985 meters and highest elevation is 1168 in Chikkamagalur. The Hilly zone blocks of NR Pura, Koppa and Sringeri are all at an average elevation of 873 meters, Mudigere at 1072 meters and Kadur is at 928 meters. The climate supports plantation and sylviculture in hilly zone, Food crops and horticulture crops in the plains.

Normally, the elevation is above 800 metres above the MSL. Apart from these hill peaks, there are low ranges of granite hills found in all the other taluks. The district has equitable climate. The average annual rainfall is 1,854 mm. The western part of the district receives heavy rainfall which decreases significantly in the eastern part. A major portion of the rain is received during the southwest monsoon period (May to August). Rains are also received during October to November.

The rainfall exceeds potential evapotranspiration for about 120 days in a year (June to October). The soil moisture control section is likely to remain moist for about 140 days in a year (ustic moisture regime) which permits growing of one kharif crop under rainfed conditions. The mean annual air temperature is 24.5⁰ C. April is generally the hottest month and December and January are the coldest. The difference between the

mean summer and mean winter temperature is around 10.5⁰ C. The temperature regime is iso-hyperthermic.

Though average annual rainfall is about 1,854 mm, it ranges from 3,720 mm in Sringeri taluk to 635 mm in Kaduru taluk. Similarly, the average number of rainy days varies from 116 in Sringeri taluk to 45 days in Kaduru taluk. It is observed that the highest rainfall is experienced in the western portion of the district during July covering Sringeri, Koppa, Mudigere and N.R.Pura taluks of the district, whereas the eastern taluk, namely Kaduru, receives good precipitation in the month of October from North East Monsoon. It is observed that January and February are driest months, whereas during November and December meagre rainfall is recorded.

1.5 Soil Profile

There are in all 16 types of soils recorded in the district. A list of the same is given in table-1.5. Predominant soils are the deep red clayey soils and deep forest brown clayey soils which form 50% of the soils of the district. Around 89,184 hectares are alluvial soils (affected by salinity). Lateritic soils are found in an area of 82,731 hectares and the remaining lands are red gravelly and red clayey soils. Deep forest brown soils support plantation crops, while the red gravelly clayey and red soils are features of dryland agriculture. As high as 55% of the total land area has gentle slope between 3 to 8% and 9.5% of the lands with slope between 8 to 30% representing the steep hill region. The slopy lands support plantation crops in high rainfall zone and plain lands with deep red loam and gravelly soils constitute around 29% of the lands seen in dry taluks.

1.6 Soil Erosion

The terrain of the district presents two distinct erosional surfaces:

1. The high hilly region popularly called 'Malnad' and
2. The plain region, popularly known as 'Maidan'

The district may be divided into the following physiographic zones:

1. Hilly region covered with forest (southern 'Malnad')
2. Hillocks on the plain region

3. Undulating to rolling lands (semi- 'Malnad' and high lands 'Maidan')
4. Gently sloping pediments (southern 'Maidan')

Mudigere, Koppa, Sringeri, N.R.Pura and part of Chikkamagaluru taluks rest on the brow of the Western Ghats and comprise some of the most beautiful scenery in Karnataka state.

Table-11: Soil Slope in Chikkamagalur District.

Area	Area in Hectares							
	Erosion					Rocky	Water Body	Total Area
	Nearly level	Very Gentle Slope	Gentle Slope	Moderate Slope	Steep Slope			
	0-1%	1-3%	3-8%	8-15%	15-30%			
Hectares	95882	113440	395755	54982	13444	20734	25968	720205
% to total	13.31%	15.75%	54.95%	7.63%	1.87%	2.88%	3.61%	100%

The above table indicates that large area is in moderate slope i.e, between 1 to 3% with a total area of 209322 hectares, and 3,95755 hectares between 3 to 8% slope (most suitable for coffee and other plantation crops). Around 13,444 hectares are prone to severe erosion, while around 46,702 hectares represent rocky and water bodies together.

The Transitional zones of Tarikere, Chikkamagalur and low lying areas of Hilly taluks and plains of central dry zone of Kadur are not prone to erosion, an area of 13,444 hectares are prone to erosion. Heavy rainfall is the root cause of erosion in moderate slope areas. Generally, the area with gentle slope (1-3%) is used for food crops, the area with moderate slope (3-8%) is used for plantations.

1.7 Land Use Pattern

The district presents a very diverse land use pattern mainly on account of hilly zone and related agriculture. The following table indicates land use pattern of the district. The total cultivated area of 2,95,297 hectares has an area of around 78,772 hectares under plantations (26.68%). That leaves around 2,16,525 hectares under other crops.

The main crops of the district are Coffee, Pepper, Cardamom, and Areca nut in Hilly plantation zone or Malnad zone, whereas Paddy is cultivated in the plains within the hilly zone. However, the cropping pattern changes to cultivation of Ragi, Maize,

Pulses and to some extent oilseeds in the plains, i.e. Kadur, Tarikere and parts of Chikkamagaluru.

Table-12: Land Use Pattern of the district.

Taluk	Forest	Non Agri cultural waste	Barren	Cultivable waste	Permanent Pasture	Fallow land	Trees and Groves	Cultivated area
Chikkamagalur	47455	7516	7230	5430	17570	7382	5438	63379
Kaduru	8984	8861	7933	6309	5933	10074	4245	89161
Koppa	9684	1504	2142	144	18756	582	4430	19958
Mudigere	30604	9572	2396	3475	21022	3302	2095	43734
N.R.Pura	31944	9451	4708	3894	14443	391	953	12116
Sringeri	28366	1242	745	70	3812	323	2144	7598
Tarikere	43448	5139	3168	0	7049	3036	409	59351
Total	200485	43285	28322	19322	88585	25090	19714	295297

The plains are in transitional and dry agro-climatic zones, and the plantations are generally in hilly zone. Coconut is a main plantation crop in the plains and sometimes coupled with Arecanut, while the core plantations of coffee and pepper are in hilly zones.

Summary: The agro-ecology of the district supports plantation crops of coffee and pepper as also coconut and arecanut plantations. Vegetable and fruit crops are popular in the hilly and plain areas. Food crops are largely Paddy in hilly regions and command area, while it is Ragi, maize and pulses in the plains. The agro-ecology supports annual plantation crops, while it permits a single kharif season for cultivation of food crops. Even paddy crop is cultivated as rainfed crop in hilly regions (in plains within hilly regions or alluvial belt along the course of rivers and nalas). That the transitional and dry zone plains are not able to get cropping despite receiving good NE monsoon rains is being addressed through soil and water conservation measures so that ground water is re-charged and protective cultivation can be enhanced.

1.2 Demography

Name of the State

KARNATAKA

Name of the District

CHIKKAMAGALURU

Name of Gram Panchayath	Name of the Villages Covered	Code of the Village	Population					SC		ST		Others		Total	
			No of Households	Male	Female	Children	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
Sringeri		000000	8148	14732	15279	2606	32617	985	3940	729	2917	6434	25760	8148	32617
Sringeri		000000	8148	14732	15279	2606	32617	985	3940	729	2917	6434	25760	8148	32617
Sringeri		000000	0	0	0	0	0	0	0	0	0	0	0	0	0
Asanabalu		608915	183	329	322	72	723	3	10	7	29	173	684	183	723
Begar		608916	178	368	420	64	852	24	95	13	51	142	706	178	852
Kumbaragodu		608917	58	89	108	24	221	1	2	0	0	58	219	58	221
Neelandur		608918	217	338	413	72	823	33	131	5	19	180	673	217	823
Meeega		608919	177	295	306	61	662	10	40	0	1	167	621	177	662
K.Masige		608920	76	130	127	29	286	0	0	69	277	7	9	76	286
Rushyashringapura (Markal)		608921	394	663	723	115	1501	30	119	44	174	321	1208	394	1501
Kogodu		608922	97	152	175	24	351	15	59	0	0	82	292	97	351
Gandagatta		608923	207	400	417	63	880	30	120	7	26	171	734	207	880
Yadadalu		608924	194	339	345	66	750	41	164	0	1	153	585	194	750
Yedadalli		608925	250	458	499	96	1053	18	72	47	187	185	794	250	1053
Balekadi		608926	48	81	80	26	187	0	1	17	69	31	117	48	187
Karki Khan Estate *		608927	0	0	0	0	0	0	0	0	0	0	0	0	0
Sunkadamakki		608928	53	114	104	18	236	6	22	4	17	43	197	53	236
Nemmaru		608929	236	428	516	101	1045	64	255	35	139	138	651	236	1045
Haruru (Harur)		608930	128	209	223	31	463	13	51	14	55	102	357	128	463
Nemmar Estate		608931	59	97	110	21	228	21	85	18	73	20	70	59	228
Mathuvalli Estate		608932	3	5	3	1	9	0	0	2	6	2	3	3	9
Gulaganjimane		608933	61	108	105	27	240	3	11	34	135	25	94	61	240
Kere		608934	90	128	141	27	296	7	29	7	29	76	238	90	296
Muduba		608935	37	58	63	6	127	6	24	8	32	23	71	37	127
Sheerlu		608936	59	95	95	19	209	0	0	50	200	9	9	59	209
Hadi		608937	21	28	25	8	61	4	14	2	9	15	38	21	61
Malanadu		608938	157	356	325	61	742	0	0	100	401	57	341	157	742
Hadikiruru		608939	27	36	40	12	88	0	0	8	31	19	57	27	88
Balagere		608940	62	127	101	19	247	0	0	43	172	19	75	62	247
Nallur		608941	59	96	124	13	233	0	1	0	0	59	232	59	233
Darekoppa		608942	187	276	341	42	659	12	46	0	0	176	613	187	659
Melukoppa		608943	180	349	339	38	726	8	33	9	36	163	657	180	726
Kelakoppa		608944	219	356	397	65	818	6	24	1	3	212	791	219	818
Addagadde		608945	171	327	325	73	725	22	88	13	52	136	585	171	725
Kavadi		608946	192	349	355	44	748	30	119	2	7	161	622	192	748
Belandur		608947	279	517	507	81	1105	41	163	18	71	221	871	279	1105
Honnavalli		608948	167	285	297	51	633	5	19	1	2	162	612	167	633
Uluvalli		608949	222	360	385	84	829	21	85	3	13	198	731	222	829
Sringeri (Rural)		608950	823	1806	1778	263	3847	120	480	38	153	665	3214	823	3847
Masige		608951	218	396	417	75	888	6	25	28	110	184	753	218	888
Halandur		608952	203	351	375	73	799	37	148	29	115	137	536	203	799

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			No of Households	Male	Female	Children	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
	Kikkare (Kikkre)	608953	150	277	284	53	614	13	53	7	26	130	535	150	614
	Menase	608954	581	1051	989	196	2236	74	297	19	75	488	1864	581	2236
	Vidyaranyaपुरa	608955	335	589	626	93	1308	74	296	0	0	261	1012	335	1308
	Kochavalli	608956	151	285	292	32	609	39	154	2	6	111	449	151	609
	Bettagera	608957	183	301	327	38	666	36	142	0	0	148	524	183	666
	Vykuntapura	608958	204	337	369	52	758	55	221	2	7	147	530	204	758
	Kunthur	608959	218	407	378	69	854	13	50	0	1	205	803	218	854
	Heruru	608960	90	154	162	23	339	12	48	1	3	77	288	90	339
	Gundre	608961	32	56	58	11	125	4	17	10	40	18	68	32	125
	Kuthagodu	608962	86	141	140	29	310	8	30	0	0	79	280	86	310
	Ginikal	608963	126	235	228	45	508	24	97	16	64	86	347	126	508
	Koppa	000000	19965	35875	37151	6863	79889	4333	17330	1072	4287	14561	58272	19965	79889
	Koppa	000000	19965	35875	37151	6863	79889	4333	17330	1072	4287	14561	58272	19965	79889
	Koppa	000000	0	0	0	0	0	0	0	0	0	0	0	0	0
	Chavalamane	608964	570	978	1054	174	2206	63	250	3	12	505	1944	570	2206
	Devarahalli	608965	16	33	29	4	66	0	0	0	0	16	66	16	66
	Shirakaradi	608966	39	64	84	14	162	0	0	0	0	39	162	39	162
	Halmathur	608967	290	447	484	62	993	29	116	0	0	261	877	290	993
	Honagaru	608968	19	28	39	5	72	0	0	0	0	19	72	19	72
	Makkikoppa	608969	79	138	143	19	300	5	20	0	0	74	280	79	300
	Hosur	608970	224	393	414	66	873	12	49	4	17	208	807	224	873
	Bhandigadi	608971	414	691	726	137	1554	53	212	1	4	360	1338	414	1554
	Nilavagilu	608972	322	576	608	129	1313	29	117	8	33	285	1163	322	1313
	Heggaru	608973	189	298	315	45	658	8	33	0	0	181	625	189	658
	Heggadde	608974	1	4	3	1	8	0	0	0	0	1	8	1	8
	Shankarapura	608975	19	35	34	3	72	0	0	0	1	19	71	19	72
	Kodur	608976	238	403	437	68	908	56	225	0	0	182	683	238	908
	Shanuvalli	608977	46	76	78	14	168	2	7	0	0	44	161	46	168
	Bilagadde	608978	273	483	508	103	1094	26	104	26	105	221	885	273	1094
	Kuppali	608979	44	83	84	8	175	0	0	0	0	44	175	44	175
	Melbilre	608980	149	266	265	41	572	16	62	0	0	134	510	149	572
	Yadadanti	608981	195	409	398	77	884	7	28	5	19	183	837	195	884
	Hariharapura	608982	663	1076	1157	223	2456	121	484	4	16	538	1956	663	2456
	Kunimakki	608983	112	198	211	23	432	38	152	0	0	74	280	112	432
	Asagodu	608984	267	432	482	93	1007	58	233	19	76	190	698	267	1007
	Thammadavalli	608985	144	235	261	36	532	64	255	0	0	80	277	144	532
	Bhuyanakote	608986	254	472	461	85	1018	99	394	2	6	154	618	254	1018
	Belavinakodige	608987	205	347	389	58	794	39	156	30	118	137	520	205	794
	Heddase	608988	186	349	358	75	782	44	174	5	19	138	589	186	782
	Bomlapura	608989	426	775	823	166	1764	106	422	1	4	320	1338	426	1764
	Bolapura	608990	131	240	237	37	514	8	31	2	7	122	476	131	514
	Hirekodige	608991	228	372	374	54	800	40	159	10	40	178	601	228	800
	Kelakui	608992	278	509	550	81	1140	55	221	0	1	223	918	278	1140
	Gunavanthe	608993	259	451	461	61	973	20	81	13	53	226	839	259	973
	Kumbarkoppa	608994	204	347	410	83	840	16	63	8	31	181	746	204	840

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Kagga		608995	43	85	80	13	178	1	4	0	1	42	173	43	178
Addada		608996	313	644	606	125	1375	66	262	9	36	239	1077	313	1375
Ammadi Estate		608997	38	65	57	20	142	24	95	0	0	14	47	38	142
Harandur		608998	1085	2014	2110	404	4528	253	1011	22	86	811	3431	1085	4528
Kesave		608999	212	358	416	70	844	26	103	0	0	186	741	212	844
Thalamakki		609000	442	766	794	143	1703	78	311	21	82	344	1310	442	1703
Talamakki Estate		609001	67	120	127	27	274	25	98	4	14	39	162	67	274
Koppa (Rural)		609002	1109	1940	2058	366	4364	111	445	12	46	986	3873	1109	4364
Narasipura		609003	349	605	657	147	1409	79	316	18	72	252	1021	349	1409
Kunchur		609004	146	300	288	61	649	33	133	0	0	113	516	146	649
Marithotlu		609005	182	310	318	56	684	42	168	6	23	134	493	182	684
Somlapura		609006	340	596	635	121	1352	47	188	38	153	255	1011	340	1352
Bintravalli		609007	721	1324	1432	273	3029	153	611	14	55	555	2363	721	3029
Nuggi		609008	449	751	789	153	1693	64	255	16	65	369	1373	449	1693
Tanudi		609009	158	251	284	69	604	47	188	1	4	110	412	158	604
Herambapura		609010	17	25	30	6	61	3	11	0	0	14	50	17	61
Machikoppa		609011	91	162	156	38	356	51	204	1	5	39	147	91	356
Udana		609012	9	11	20	3	34	0	0	0	0	9	34	9	34
Belagola		609013	171	319	331	57	707	64	257	0	0	107	450	171	707
Thuluvinakoppa		609014	116	214	212	51	477	39	156	1	5	76	316	116	477
Belawadi		609015	38	64	76	14	154	1	5	0	0	37	149	38	154
Karimane		609016	158	277	297	55	629	68	271	0	0	90	358	158	629
Kalasapura		609017	16	22	23	1	46	7	27	0	0	9	19	16	46
Dayamballi		609018	171	305	321	46	672	32	128	18	71	121	473	171	672
Lokanathapura		609019	236	436	433	76	945	84	335	14	54	139	556	236	945
Hosuru		609020	351	639	648	129	1416	109	434	17	69	225	913	351	1416
Heggaru		609021	208	426	407	82	915	64	254	25	99	120	562	208	915
Agalagandi		609022	234	420	434	64	918	57	228	22	88	155	602	234	918
Kulur		609023	455	842	856	176	1874	94	376	35	140	326	1358	455	1874
Jayapura		609024	917	1554	1605	295	3454	200	798	34	135	684	2521	917	3454
Hiregadde		609025	291	500	509	89	1098	119	474	6	25	166	599	291	1098
Adigebylu		609026	509	890	896	157	1943	100	399	37	148	372	1396	509	1943
Yelemadalu		609027	527	959	944	214	2117	192	767	9	37	326	1313	527	2117
Murugadde		609028	178	327	321	54	702	84	334	8	31	87	337	178	702
VateBachalakan		609029	61	95	110	20	225	31	122	8	33	22	70	61	225
Guddethota		609030	262	461	483	109	1053	75	298	32	127	156	628	262	1053
Huligaradi		609031	111	231	225	30	486	0	0	32	129	79	357	111	486
Byredevaru		609032	439	701	771	145	1617	85	338	41	163	314	1116	439	1617
Haralane		609033	139	251	271	51	573	7	26	54	215	79	332	139	573
Megur		609034	120	254	241	36	531	0	1	88	351	32	179	120	531
Kallugudde		609035	249	446	449	106	1001	55	219	83	333	111	449	249	1001
Bethadakolalu		609036	230	459	443	80	982	122	489	34	135	74	358	230	982
Herthanakudige		609037	9	22	18	1	41	0	0	0	0	9	41	9	41
Herur		609038	461	924	926	172	2022	200	800	32	129	229	1093	461	2022
Hillikere		609039	12	24	22	3	49	0	0	0	0	12	49	12	49
Attikudige		609040	280	484	518	106	1108	72	289	70	281	138	538	280	1108

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Honnagundi		609041	288	653	600	97	1350	87	346	37	147	165	857	288	1350
Sthirur		609042	105	206	184	50	440	48	192	7	28	50	220	105	440
Devagodu		609043	368	935	843	157	1935	129	516	28	110	212	1309	368	1935
Narasimharajapura		000000	14827	25777	27138	5717	58632	2548	10192	456	1825	11823	46615	14827	58632
Narasimharajapura		000000	14827	25777	27138	5717	58632	2548	10192	456	1825	11823	46615	14827	58632
Narasimharajapura		000000	0	0	0	0	0	0	0	0	0	0	0	0	0
Kanive		609044	114	196	198	46	440	4	14	1	4	110	422	114	440
Konakere		609045	127	230	235	37	502	17	69	3	12	107	421	127	502
Muthinakoppa		609046	614	1041	1066	275	2382	42	166	9	34	564	2182	614	2382
K.Kanabur		609047	218	374	387	67	828	73	291	0	0	145	537	218	828
Byrapura		609048	187	322	338	112	772	84	335	1	4	102	433	187	772
Kusabur		609049	190	307	342	70	719	19	75	7	26	165	618	190	719
Madaboor		609050	320	514	571	99	1184	9	35	0	0	311	1149	320	1184
Kadahinabylu		609051	462	746	819	179	1744	31	123	7	27	425	1594	462	1744
Aramballi		609052	26	47	42	2	91	0	0	0	0	26	91	26	91
Vittala		609053	149	252	259	52	563	14	56	2	6	134	501	149	563
Haledanivasa		609054	18	32	36	8	76	0	0	0	0	18	76	18	76
Lingapura		609055	220	393	427	81	901	36	144	12	49	172	708	220	901
Soosalavani		609056	110	194	185	39	418	2	9	0	0	108	409	110	418
Balekoppa		609057	90	155	162	29	346	1	4	1	3	88	339	90	346
Nerlukoppa		609058	86	154	151	37	342	7	29	0	0	79	313	86	342
Badagabylu		609059	261	421	435	113	969	3	11	4	14	255	944	261	969
Shimse		609060	252	410	413	71	894	41	164	4	16	207	714	252	894
Mensur		609061	179	356	465	76	897	37	148	11	44	131	705	179	897
Hiluvalli		609062	357	683	666	156	1505	50	201	10	39	297	1265	357	1505
Ravoor		609063	134	251	272	82	605	96	382	0	0	39	223	134	605
Nagalapura		609064	594	955	1040	253	2248	74	294	6	23	515	1931	594	2248
Shiragalale		609065	153	281	304	69	654	13	52	1	3	139	599	153	654
Honnekudige		609066	90	146	140	27	313	1	4	0	0	89	309	90	313
Handur		609067	49	78	87	10	175	21	83	0	0	28	92	49	175
Bilalkoppa		609068	44	62	67	16	145	5	21	0	0	39	124	44	145
Salur		609069	79	130	121	30	281	2	7	0	0	77	274	79	281
Nandigave		609070	63	88	82	28	198	4	14	37	148	23	36	63	198
Dandubittahara		609071	91	102	111	30	243	31	122	1	3	60	118	91	243
Varkate		609072	207	327	356	82	765	2	7	1	4	204	754	207	765
Sarya		609073	94	152	132	22	306	1	4	2	7	91	295	94	306
Hebbe		609074	0	0	0	0	0	0	0	0	0	0	0	0	0
Mallandar		609075	135	242	277	54	573	1	3	2	6	133	564	135	573
Hathbur		609076	149	239	300	53	592	3	12	5	20	141	560	149	592
Bellur		609077	90	144	156	34	334	0	0	2	6	89	328	90	334
Konodi		609078	176	315	313	51	679	8	31	2	8	166	640	176	679
Kamalapura		609079	101	180	199	28	407	9	37	16	63	76	307	101	407
Seethur		609080	254	440	460	84	984	51	203	9	36	194	745	254	984
Shedagaru		609081	56	97	110	21	228	5	21	0	0	51	207	56	228
Gubbiga		609082	297	497	525	98	1120	20	81	2	6	275	1033	297	1120
Echikere		609083	272	514	473	138	1125	52	207	0	1	220	917	272	1125

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Aralikoppa		609084	268	487	485	93	1065	14	54	5	18	250	993	268	1065
Bale		609085	239	407	461	79	947	6	25	1	2	232	920	239	947
Sankse		609086	211	370	424	61	855	13	53	1	3	197	799	211	855
Kanur		609087	318	559	574	73	1206	43	171	5	19	271	1016	318	1206
Vaggade		609088	130	210	210	37	457	4	14	0	0	127	443	130	457
Haravari		609089	413	704	732	154	1590	57	227	55	219	302	1144	413	1590
Davana		609090	140	243	217	52	512	25	101	0	0	115	411	140	512
Alehalli		609091	149	236	254	46	536	1	5	0	0	148	531	149	536
Aduvalli		609092	368	642	677	111	1430	69	274	3	10	297	1146	368	1430
Karekeshwara		609093	684	1147	1253	251	2651	262	1047	41	165	381	1439	684	2651
Megaramakki		609094	187	322	325	63	710	56	225	0	0	131	485	187	710
Kolale		609095	257	453	486	123	1062	117	468	1	4	139	590	257	1062
Muduguni		609096	188	312	339	86	737	6	23	16	63	167	651	188	737
B.Kanabur		609097	2681	4887	5152	1098	11137	513	2052	74	295	2094	8790	2681	11137
Karehadlu		609098	141	243	251	45	539	55	219	13	53	73	267	141	539
Bannur		609099	523	1007	1008	225	2240	155	618	68	273	300	1349	523	2240
Halsur		609100	308	566	574	127	1267	146	583	10	40	152	644	308	1267
Magundi		609101	514	915	994	234	2143	144	574	12	49	358	1520	514	2143
Tarikere		000000	44787	86119	85904	17315	189338	12423	49692	1714	6855	30650	132791	44787	189338
Tarikere		000000	44787	86119	85904	17315	189338	12423	49692	1714	6855	30650	132791	44787	189338
Tarikere		000000	0	0	0	0	0	0	0	0	0	0	0	0	0
Sevalal Nagar		609102	34	60	59	18	137	29	114	0	0	6	23	34	137
Siddlipura		609103	173	301	297	66	664	46	185	1	5	126	474	173	664
Gopala		609104	534	1003	987	251	2241	179	717	12	47	343	1477	534	2241
Karkuchi		609105	1027	1901	1982	453	4336	483	1930	8	32	537	2374	1027	4336
Gundenahalli		609106	99	179	190	24	393	0	0	0	0	99	393	99	393
Ganjigere		609107	106	214	241	61	516	64	257	0	0	42	259	106	516
Arsikere		609109	112	208	192	38	438	43	172	31	124	38	142	112	438
Rangenahalli		609110	59	136	114	22	272	11	45	1	2	47	225	59	272
Kesarakoppa		609111	159	267	267	39	573	16	62	26	102	118	409	159	573
Sompura		609112	52	70	88	18	176	33	131	0	1	19	44	52	176
Malikoppa		609113	200	365	348	90	803	22	87	3	11	176	705	200	803
Lakkavalli		609114	1235	2289	2389	536	5214	517	2066	36	145	682	3003	1235	5214
Upparabeeranahalli		609115	203	404	353	74	831	67	268	22	88	114	475	203	831
Kenchikoppa		609116	359	671	661	111	1443	156	622	5	18	199	803	359	1443
Halasur		609117	339	662	647	118	1427	72	287	35	138	233	1002	339	1427
Mudugodu		609118	861	1602	1678	341	3621	335	1341	15	60	511	2220	861	3621
Basavanahalli		609119	123	246	244	54	544	66	264	2	7	55	273	123	544
Shanthipura		609120	114	213	225	48	486	14	55	3	13	97	418	114	486
Sale Borna Halli		609121	196	308	347	85	740	11	42	10	39	176	659	196	740
Vaddaradibba		609122	87	174	163	30	367	14	57	0	0	73	310	87	367
Hirigapura		609123	40	80	77	29	186	5	18	0	0	36	168	40	186
Mandaravalli		609124	77	146	128	27	301	41	162	3	10	34	129	77	301
Doddakundur		609125	187	330	346	73	749	16	62	0	0	172	687	187	749
Hunasanahalli		609126	184	361	333	61	755	58	232	18	70	109	453	184	755
Haruvanahalli		609127	145	291	272	97	660	3	13	0	0	142	647	145	660

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			No of Households	Male	Female	Children	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
Bargenahalli		609128	252	511	513	118	1142	154	617	0	0	98	525	252	1142
Gurupura		609129	86	173	154	27	354	77	307	1	2	9	45	86	354
Kundurkaval		609130	30	54	51	15	120	1	4	0	0	29	116	30	120
Lakkavalli Manna Jungal		609131	0	0	0	0	0	0	0	0	0	0	0	0	0
Guddadabeeranahalli		609132	103	176	176	38	390	2	6	0	0	102	384	103	390
Malalichannenahalli		609133	975	1665	1696	384	3745	274	1095	56	222	646	2428	975	3745
H.Rangapura		609134	192	323	354	64	741	90	360	2	6	101	375	192	741
Thimmapura		609135	62	118	125	27	270	14	57	1	3	47	210	62	270
Belenahalli		609136	213	376	422	71	869	51	202	0	0	163	667	213	869
Hurulihalli		609137	57	132	119	26	277	18	71	0	0	39	206	57	277
Gulladahatti		609138	23	49	49	7	105	0	0	0	0	23	105	23	105
Jodikodihalli		609139	125	249	232	54	535	63	251	31	124	31	160	125	535
Yerebylu		609140	37	69	72	15	156	8	30	0	0	30	126	37	156
Hirekathur		609141	39	89	79	12	180	14	54	5	20	21	106	39	180
Perumenahalli		609142	202	378	372	86	836	163	651	1	4	38	181	202	836
Seethapura		609143	20	32	30	7	69	3	13	1	5	16	51	20	69
Shivagange		609144	0	0	0	0	0	0	0	0	0	0	0	0	0
A.Rangapura		609145	139	232	250	64	546	30	120	24	94	86	332	139	546
Rangapura (Kaval)		609146	15	25	21	5	51	9	35	0	0	6	16	15	51
Kerehosahalli		609147	166	351	365	55	771	0	0	0	0	166	771	166	771
Ramapura		609148	16	33	29	11	73	1	4	3	12	12	57	16	73
Chikkathur		609149	37	81	61	14	156	3	13	0	0	34	143	37	156
Seethapura (Kaval)		609150	130	214	260	69	543	102	408	0	0	28	135	130	543
Duglapura		609151	536	990	1003	215	2208	129	515	58	230	350	1463	536	2208
Siddarahalli		609152	130	236	211	56	503	17	66	3	13	110	424	130	503
Rangenahalli		609153	0	0	0	0	0	0	0	0	0	0	0	0	0
Sidakanahalli		609154	16	33	30	6	69	0	0	0	0	16	69	16	69
Yalugere		609155	163	312	312	84	708	161	645	0	0	2	63	163	708
Govindapura		609156	0	0	0	0	0	0	0	0	0	0	0	0	0
Indavara		609157	0	0	0	0	0	0	0	0	0	0	0	0	0
Chakonahalli		609158	156	327	333	68	728	64	255	48	193	44	280	156	728
Hosur		609159	158	322	317	76	715	53	211	1	2	105	502	158	715
Channapura		609160	0	0	0	0	0	0	0	0	0	0	0	0	0
Guddadabasavanahalli		609161	0	0	0	0	0	0	0	0	0	0	0	0	0
Attiganalu		609162	70	134	136	40	310	0	0	0	0	70	310	70	310
Dyamapura		609163	0	0	0	0	0	0	0	0	0	0	0	0	0
Byrapura		609164	112	234	229	41	504	50	201	0	0	62	303	112	504
Doranal		609165	496	994	1014	194	2202	146	585	8	31	342	1586	496	2202
Geramaradi		609166	134	308	288	76	672	2	9	0	0	132	663	134	672
Bettadahalli		609167	392	786	763	108	1657	96	383	0	0	296	1274	392	1657
Nagarajapura		609168	126	281	274	73	628	157	626	0	0	-31	2	126	628
Hadikere		609169	381	721	753	132	1606	75	298	19	75	288	1233	381	1606
Nagenahalli		609170	301	633	636	142	1411	127	507	8	31	167	873	301	1411
Mundanahalli		609171	0	0	0	0	0	0	0	0	0	0	0	0	0
Kodihalli		609172	0	0	0	0	0	0	0	0	0	0	0	0	0
Obalapura		609173	0	0	0	0	0	0	0	0	0	0	0	0	0

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Guddadamallenahalli		609174	0	0	0	0	0	0	0	0	0	0	0	0	0
Siddaramapura		609175	266	570	597	121	1288	321	1283	0	0	-55	5	266	1288
Hosahalli		609176	21	32	41	6	79	2	6	0	0	20	73	21	79
Muddenahalli S.Kaval		609177	0	0	0	0	0	0	0	0	0	0	0	0	0
Vittalapura		609178	169	367	351	54	772	28	110	0	0	142	662	169	772
Kuntinamadu		609179	308	672	650	105	1427	63	250	50	200	196	977	308	1427
Rushipura		609180	0	0	0	0	0	0	0	0	0	0	0	0	0
Ramenahalli		609181	136	279	291	107	677	110	441	2	9	24	227	136	677
Lakkenahalli		609182	34	62	56	17	135	1	2	0	0	34	133	34	135
Ittige		609183	253	491	490	109	1090	141	564	54	216	58	310	253	1090
Yerehalli		609184	112	196	219	42	457	35	140	8	31	69	286	112	457
Mallenahalli		609185	115	231	225	31	487	29	115	2	6	85	366	115	487
Lakshmisagara		609186	121	214	256	45	515	13	50	1	5	107	460	121	515
Mirlenahalli		609187	56	118	115	28	261	20	80	0	0	36	181	56	261
Amrutapura		609188	211	408	389	59	856	51	204	2	9	158	643	211	856
Nerlekere		609189	450	836	837	146	1819	95	380	12	46	344	1393	450	1819
Sirehalli		609190	0	0	0	0	0	0	0	0	0	0	0	0	0
Mudenahallikaval		609191	2	3	2	2	7	0	0	0	0	2	7	2	7
Mudugundi		609192	54	108	85	20	213	25	101	0	0	29	112	54	213
Muddenahalli		609193	0	0	0	0	0	0	0	0	0	0	0	0	0
Medihalli		609194	118	263	224	40	527	35	138	0	0	84	389	118	527
Soppinahalli		609195	31	71	68	8	147	0	0	0	0	31	147	31	147
Bommenahalli		609196	41	75	69	17	161	9	35	2	9	30	117	41	161
Santedibbadakaval		609197	1	1	1	0	2	1	2	0	0	1	0	1	2
Samatala		609198	188	361	361	72	794	22	86	0	0	167	708	188	794
Siddarahalli		609199	0	0	0	0	0	0	0	0	0	0	0	0	0
Bettadahaverekere		609200	210	436	423	82	941	35	139	17	69	158	733	210	941
Savemardikaval		609201	78	119	127	38	284	60	241	0	0	18	43	78	284
Gollarahalli		609202	0	0	0	0	0	0	0	0	0	0	0	0	0
Hunasaghatta		609203	574	1069	1065	194	2328	121	483	11	45	442	1800	574	2328
Narasipura		609204	57	106	103	12	221	7	27	0	0	50	194	57	221
V.Chattanahalli		609205	0	0	0	0	0	0	0	0	0	0	0	0	0
Makanahalli		609206	117	208	197	31	436	11	42	1	4	106	390	117	436
Basavanahalli		609207	0	0	0	0	0	0	0	0	0	0	0	0	0
Shanubhoganahalli		609208	144	253	256	40	549	49	195	0	0	95	354	144	549
Vaderahalli		609209	90	146	161	36	343	20	80	0	0	70	263	90	343
Doddabokikere		609210	142	278	271	48	597	30	120	0	0	112	477	142	597
Belibasavanahalli		609211	0	0	0	0	0	0	0	0	0	0	0	0	0
Brahmanahalli		609212	0	0	0	0	0	0	0	0	0	0	0	0	0
Korannahalli		609213	222	452	448	38	938	56	225	9	34	157	679	222	938
Rajannahalli		609214	48	106	103	32	241	0	0	0	0	48	241	48	241
K.Chattanahalli		609215	197	395	429	67	891	116	465	1	2	80	424	197	891
Jannapura		609216	1	2	1	2	5	0	0	1	5	0	0	1	5
Bokikere		609217	149	304	289	48	641	0	1	0	0	149	640	149	641
Kedigehalli		609218	0	0	0	0	0	0	0	0	0	0	0	0	0
K.Gollarahalli		609219	81	169	160	29	358	0	0	48	193	33	165	81	358

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Shivapura		609220	44	72	87	19	178	17	69	4	14	23	95	44	178
Kotebasavanahalli		609221	3	6	5	1	12	0	0	0	0	3	12	3	12
Mundre		609222	344	734	681	136	1551	159	636	1	3	184	912	344	1551
Siddarahalli		609223	0	0	0	0	0	0	0	0	0	0	0	0	0
Pundanahalli		609224	63	117	124	30	271	6	23	0	0	57	248	63	271
Kudlur		609225	713	1352	1376	185	2913	225	899	2	7	487	2007	713	2913
Boodiguppe		609226	0	0	0	0	0	0	0	0	0	0	0	0	0
Kenchapura		609227	153	310	294	55	659	94	377	5	20	54	262	153	659
Billahalli		609228	131	299	313	96	708	10	39	0	0	121	669	131	708
Nagabovanahalli		609229	93	186	191	49	426	11	42	1	3	82	381	93	426
Masanekerekaval		609230	0	0	0	0	0	0	0	0	0	0	0	0	0
Beeranahalli		609231	327	678	639	106	1423	58	230	25	100	245	1093	327	1423
Nagenahalli		609232	57	115	125	15	255	0	0	2	6	56	249	57	255
Karehalli		609233	211	468	452	136	1056	105	420	6	25	100	611	211	1056
Haralahalli		609234	178	356	349	49	754	14	54	21	84	144	616	178	754
Bhaktana Katte		609235	320	696	647	158	1501	170	679	11	44	139	778	320	1501
Kallenahalli		609236	225	448	437	93	978	0	1	4	16	221	961	225	978
Dandoor		609237	267	521	514	86	1121	65	259	41	162	162	700	267	1121
Baramanahalli		609238	12	22	19	8	49	12	49	0	0	0	0	12	49
Bukkambudi		609239	750	1349	1385	262	2996	150	600	18	72	582	2324	750	2996
Jodijayapura		609240	0	0	0	0	0	0	0	0	0	0	0	0	0
Attigatta		609241	85	185	179	46	410	9	34	8	33	68	343	85	410
Siragalipura		609242	82	152	163	36	351	29	114	4	17	49	220	82	351
Lakshmisagara		609243	0	0	0	0	0	0	0	0	0	0	0	0	0
Gundasamudra		609244	0	0	0	0	0	0	0	0	0	0	0	0	0
Makanahalli		609245	0	0	0	0	0	0	0	0	0	0	0	0	0
Koppadahalli		609246	110	232	219	50	501	0	0	9	37	101	464	110	501
Kanabagatte		609247	224	468	454	67	989	40	161	0	0	184	828	224	989
Hariyanahalli		609248	80	148	169	34	351	0	0	0	0	80	351	80	351
Shivane		609249	1147	2086	2100	443	4629	177	706	35	141	935	3782	1147	4629
Shivanekaval		609250	0	0	0	0	0	0	0	0	0	0	0	0	0
Gijjakatte		609251	86	164	160	26	350	3	11	13	51	71	288	86	350
Rangapura		609252	184	345	330	49	724	37	147	86	345	61	232	184	724
Thygodakatte		609253	243	482	478	120	1080	41	164	8	32	194	884	243	1080
Banoor		609254	195	386	383	69	838	26	103	0	1	169	734	195	838
Veerapura		609255	0	0	0	0	0	0	0	0	0	0	0	0	0
Anuvanahalli		609256	258	453	473	68	994	17	67	0	1	241	926	258	994
Javoor		609257	260	510	503	96	1109	18	70	15	60	228	979	260	1109
Danayakapura		609258	135	297	283	38	618	24	95	0	0	111	523	135	618
Chikkanvangala		609259	198	360	365	83	808	59	235	6	23	134	550	198	808
Siddapura		609260	85	170	181	44	395	4	16	0	0	81	379	85	395
Jaldihalli		609261	176	362	361	48	771	19	77	32	126	125	568	176	771
Thimmapura		609262	81	165	156	25	346	19	76	1	2	62	268	81	346
Hirekanvangala		609263	207	424	397	64	885	43	172	0	0	164	713	207	885
Hosahalli		609264	150	280	289	35	604	11	45	0	0	139	559	150	604
Naranapura		609265	347	583	636	104	1323	1	5	1	5	345	1313	347	1323

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Bankana Katte		609266	332	707	690	111	1508	80	320	0	0	252	1188	332	1508
Abbinaholalu		609267	66	154	149	19	322	4	16	0	0	62	306	66	322
Tadaga		609268	429	811	833	144	1788	78	311	3	11	349	1466	429	1788
Giriyapura		609269	104	198	191	33	422	18	72	0	0	86	350	104	422
Cheernanahalli Kaval		609270	0	0	0	0	0	0	0	0	0	0	0	0	0
Basavapura		609271	171	335	330	77	742	56	223	0	0	115	519	171	742
Thyarajanahalli		609272	42	70	84	11	165	14	55	3	13	25	97	42	165
Beernahalli		609273	139	296	275	36	607	5	20	0	0	134	587	139	607
Nandipura		609274	304	606	596	171	1373	94	375	7	26	204	972	304	1373
Hannekaval		609275	0	0	0	0	0	0	0	0	0	0	0	0	0
Hanne		609276	137	253	249	44	546	15	60	3	11	119	475	137	546
Gejjegondanahalli		609277	212	384	386	65	835	58	230	12	46	143	559	212	835
Hebbur		609278	240	465	492	97	1054	42	167	0	0	198	887	240	1054
Asunde		609279	5	8	12	0	20	0	0	0	0	5	20	5	20
Siraganahalli		609280	63	156	138	16	310	0	0	0	0	63	310	63	310
Bandre		609281	254	430	436	75	941	9	35	1	5	244	901	254	941
Annapura		609282	80	124	130	14	268	0	1	0	0	80	267	80	268
Garagadahalli		609283	177	348	310	84	742	76	304	10	41	91	397	177	742
Boothanahalli		609284	165	350	324	85	759	28	113	114	456	23	190	165	759
Arabala		609285	127	296	263	65	624	8	33	55	221	64	370	127	624
Guddadahalli		609286	85	164	180	47	391	0	0	1	3	84	388	85	391
Mylanahalli		609287	17	33	45	11	89	0	0	0	0	17	89	17	89
Kallapura		609288	73	145	160	28	333	0	0	0	0	73	333	73	333
Gadihalli		609289	532	1073	1021	201	2295	89	356	23	93	420	1846	532	2295
Katiganere		609290	264	502	476	85	1063	69	274	1	2	195	787	264	1063
Gowrapura		609291	328	645	666	130	1441	4	16	2	7	322	1418	328	1441
Ajjampura		609292	2626	5184	5166	1022	11372	353	1411	112	448	2161	9513	2626	11372
Attimogge		609293	235	480	451	99	1030	23	93	1	2	211	935	235	1030
Thippagondanahalli		609294	102	197	214	27	438	11	42	9	36	83	360	102	438
Kallasettihalli		609295	84	144	132	23	299	0	0	0	0	84	299	84	299
Rangapura		609296	34	69	74	11	154	0	1	0	0	34	153	34	154
Thimmapura		609297	135	269	229	38	536	104	416	0	1	31	119	135	536
Karanaghatta		609298	36	70	70	11	151	0	0	0	0	36	151	36	151
Sokke		609299	289	534	542	80	1156	59	235	0	0	230	921	289	1156
Paravatharayanakere Kaval		609300	14	17	16	3	36	2	7	3	11	10	18	14	36
Sollapur		609301	329	649	613	113	1375	105	419	0	0	224	956	329	1375
Tamatadahalli		609302	52	98	77	10	185	1	5	0	0	51	180	52	185
Mugali		609303	346	674	664	143	1481	31	123	0	0	315	1358	346	1481
Begur		609304	218	365	399	63	827	69	277	27	109	122	441	218	827
Heggadehalli		609305	104	177	189	41	407	36	145	31	122	37	140	104	407
Srirampapura		609306	126	233	220	58	511	126	502	0	0	1	9	126	511
Southanahalli		609307	97	163	153	21	337	0	0	0	0	97	337	97	337
Malenahalli		609308	137	291	304	54	649	27	107	0	0	110	542	137	649
Mallenahalli		609309	103	205	197	37	439	18	73	6	22	79	344	103	439
Basavapura		609310	0	0	0	0	0	0	0	0	0	0	0	0	0
Gondedahalli		609311	92	163	161	16	340	0	0	0	0	92	340	92	340

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			No of Households	Male	Female	Children	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
Baggavalli		609312	417	827	774	161	1762	153	610	0	1	264	1151	417	1762
Baggavalli Kaval		609313	2	3	4	0	7	0	0	0	0	2	7	2	7
Veerapura		609314	189	432	418	77	927	1	2	0	0	189	925	189	927
Kurubarahalli		609315	34	84	81	20	185	0	0	0	0	34	185	34	185
Nagavangala		609316	345	642	650	132	1424	78	310	0	0	268	1114	345	1424
Koratikere		609317	354	652	629	132	1413	90	360	0	0	264	1053	354	1413
Somenahalli		609318	29	44	48	11	103	1	2	0	0	29	101	29	103
Channapura		609319	325	665	647	130	1442	59	234	2	9	264	1199	325	1442
Chinnapura		609320	94	192	190	12	394	0	1	0	0	94	393	94	394
Karehalli		609321	0	0	0	0	0	0	0	0	0	0	0	0	0
Mudigere		609322	220	414	390	106	910	64	254	1	3	156	653	220	910
Tyagadabagi		609323	288	520	497	93	1110	51	202	6	22	232	886	288	1110
Kenchenahalli		609324	19	33	40	7	80	0	0	7	28	12	52	19	80
Hosahalli		609325	121	241	239	74	554	77	309	0	0	44	245	121	554
Sunnadahalli		609326	205	433	422	96	951	49	195	1	4	155	752	205	951
Nandi		609327	246	495	489	76	1060	69	277	0	0	177	783	246	1060
Kenchapura		609328	186	339	333	78	750	27	106	4	17	155	627	186	750
Gulladamane		609329	243	480	450	96	1026	9	34	0	0	235	992	243	1026
Mallenahalli		609330	263	530	502	105	1137	113	450	0	0	151	687	263	1137
Ranganathapura		609331	88	176	178	43	397	99	396	0	0	-11	1	88	397
Nandi Battlu		609332	386	691	706	145	1542	185	738	4	17	197	787	386	1542
Hulthimmapura		609333	190	375	345	102	822	78	312	3	10	110	500	190	822
Lingadahalli (Kaval)		609334	43	78	82	29	189	45	180	0	0	-2	9	43	189
Sahyadripura		609335	36	68	70	14	152	35	140	0	0	1	12	36	152
Lingadahalli		609336	1376	2723	2646	484	5853	375	1498	34	137	967	4218	1376	5853
Shankaraghatta		609337	11	19	26	1	46	2	6	0	0	10	40	11	46
Ballavara		609338	195	377	365	96	838	63	252	4	14	129	572	195	838
Manchettevaru		609339	163	292	294	58	644	52	207	2	6	110	431	163	644
Tanigebylu		609340	408	702	711	146	1559	190	761	8	32	210	766	408	1559
Thigada		609341	188	313	327	71	711	86	342	4	16	99	353	188	711
Gonagilakatte		609342	285	536	553	139	1228	86	345	0	0	199	883	285	1228
Kallahalu		609343	1	2	1	0	3	0	0	0	0	1	3	1	3
Yaradahanklu		609344	85	173	137	20	330	2	6	0	0	84	324	85	330
Marekallahalli		609345	1	2	1	1	4	0	0	0	0	1	4	1	4
Gangur		609346	191	367	390	103	860	6	23	3	11	183	826	191	860
Pillebeeranahalli		609347	26	46	42	8	96	12	47	1	2	14	47	26	96
Kallathipura		609348	265	482	511	92	1085	183	732	2	6	81	347	265	1085
Kamanadurga		609349	488	922	981	159	2062	367	1469	5	21	116	572	488	2062
Udeva		609350	529	1025	1002	264	2291	91	365	122	486	316	1440	529	2291
Kadur		000000	56125	107303	106240	21251	234794	12796	51183	1147	4589	42182	179022	56125	234794
Kadur		000000	56125	107303	106240	21251	234794	12796	51183	1147	4589	42182	179022	56125	234794
Kadur		000000	0	0	0	0	0	0	0	0	0	0	0	0	0
Hoovinahalli		609351	85	177	185	15	377	16	65	0	0	69	312	85	377
Doddagatta		609352	135	244	256	73	573	41	163	0	0	94	410	135	573
Karehalli		609353	34	66	64	15	145	0	0	0	0	34	145	34	145
Yarehalli		609354	152	317	330	73	720	24	97	1	3	127	620	152	720

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	Hullehalli	609355	331	699	714	144	1557	106	422	0	0	226	1135	331	1557
	Birurkaval (Rural)	609356	195	353	362	112	827	124	496	0	0	71	331	195	827
	Inglaranahalli	609357	56	119	109	30	258	1	3	0	0	55	255	56	258
	Galihalli	609358	150	298	280	65	643	3	12	2	7	145	624	150	643
	Jodithimmapura	609359	310	602	597	115	1314	5	21	15	59	290	1234	310	1314
	Horithimmanahalli	609360	86	166	170	46	382	71	285	0	0	15	97	86	382
	Hanumapura	609361	11	18	29	8	55	3	10	1	4	8	41	11	55
	B.Kodihalli	609362	136	317	291	52	660	79	317	0	0	57	343	136	660
	Ramanahalli	609363	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dogihalli	609364	81	146	157	14	317	3	12	0	0	78	305	81	317
	Nagadevarahalli	609365	0	0	0	0	0	0	0	0	0	0	0	0	0
	Devarahalli Kaval	609366	36	53	67	7	127	4	16	0	0	32	111	36	127
	Balliganur	609367	214	424	405	73	902	102	408	2	6	111	488	214	902
	Aladahalli	609368	84	171	147	32	350	80	320	0	0	4	30	84	350
	Hogrehalli	609369	443	903	852	143	1898	121	485	0	0	322	1413	443	1898
	Bagaithu	609370	0	0	0	0	0	0	0	0	0	0	0	0	0
	Birur (Rural)	609371	0	0	0	0	0	0	0	0	0	0	0	0	0
	Hosahalli (Rural)	609372	0	0	0	0	0	0	0	0	0	0	0	0	0
	Byagadihalli	609373	123	272	248	47	567	0	1	0	0	123	566	123	567
	U.Kodihalli	609374	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ullinagur (Rural)	609375	32	85	62	18	165	10	40	1	5	21	120	32	165
	Lingalapura	609376	14	26	26	12	64	3	10	0	0	12	54	14	64
	Hireyangala	609377	37	60	59	12	131	7	26	9	37	21	68	37	131
	Outhanahalli	609378	6	12	8	3	23	0	0	3	13	3	10	6	23
	Karithimmanahalli	609379	0	0	0	0	0	0	0	0	0	0	0	0	0
	Gollarahalli	609380	7	12	8	2	22	1	3	0	0	6	19	7	22
	Hyalagatta	609381	91	170	166	51	387	17	67	0	0	74	320	91	387
	Yemmedoddi	609382	1464	2729	2681	772	6182	773	3092	26	104	665	2986	1464	6182
	Shankunipura	609383	0	0	0	0	0	0	0	0	0	0	0	0	0
	Dodabukkasagara	609384	140	275	266	56	597	29	114	5	19	107	464	140	597
	Channenahalli	609385	75	134	134	34	302	26	103	0	0	49	199	75	302
	Govindapura	609386	75	148	131	33	312	33	130	0	0	43	182	75	312
	Kannenahalli	609387	69	125	131	15	271	1	3	1	4	67	264	69	271
	Chikkangala	609388	544	1043	1061	180	2284	247	988	6	22	292	1274	544	2284
	Revanahalli	609389	0	0	0	0	0	0	0	0	0	0	0	0	0
	Giriypura	609390	274	698	481	86	1265	2	8	2	7	270	1250	274	1265
	Chikkanalluru	609391	388	695	702	119	1516	70	278	0	0	319	1238	388	1516
	Asandi	609392	535	1012	1004	178	2194	83	331	1	3	452	1860	535	2194
	K.Chomanahalli	609393	77	147	138	22	307	0	1	0	0	77	306	77	307
	Antharagatte	609394	399	826	828	224	1878	217	866	42	169	140	843	399	1878
	Hullehalli	609395	81	189	168	38	395	1	2	0	0	81	393	81	395
	Sanklapura	609396	82	152	134	25	311	17	67	0	0	65	244	82	311
	Kalkere	609397	455	874	897	183	1954	144	575	0	0	311	1379	455	1954
	Gummanahalli	609398	73	147	146	36	329	20	79	0	0	53	250	73	329
	C.Dasarahalli	609399	87	190	199	45	434	0	0	1	5	86	429	87	434
	Siddapura	609400	23	44	45	12	101	0	0	0	0	23	101	23	101

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Siddegowdanahalli		609401	0	0	0	0	0	0	0	0	0	0	0	0	0
Gadaganahalli		609402	54	100	99	24	223	0	0	0	0	54	223	54	223
Kedigere		609403	257	454	510	93	1057	63	251	34	136	160	670	257	1057
Hirenalluru		609404	599	1025	1125	164	2314	89	357	27	107	483	1850	599	2314
Hirenallurukaval		609405	58	107	119	37	263	6	25	1	4	51	234	58	263
M.Chomanahalli		609406	91	201	196	21	418	0	1	0	0	91	417	91	418
Melenahalli		609407	149	318	275	37	630	68	271	0	1	81	358	149	630
Narasipura		609408	86	202	193	31	426	0	1	0	0	86	425	86	426
Basurukaval		609409	0	0	0	0	0	0	0	0	0	0	0	0	0
Aadigere		609410	79	144	149	33	326	3	11	0	0	76	315	79	326
Hireballekere		609411	138	340	323	62	725	3	13	0	1	135	711	138	725
Hurukanahalli		609412	85	155	145	43	343	0	0	0	0	85	343	85	343
Hosahalli Kalli		609413	45	96	69	8	173	0	0	0	0	45	173	45	173
Hadagal		609414	211	443	430	106	979	34	136	5	20	172	823	211	979
H.Thimmapura		609415	126	280	254	32	566	0	0	0	0	126	566	126	566
Kallahalli		609416	71	155	142	32	329	0	0	0	0	71	329	71	329
Kurubarahalli		609417	65	130	116	23	269	0	0	0	0	65	269	65	269
Chowlihiriyur		609418	989	1971	1898	367	4236	116	464	2	8	871	3764	989	4236
E.Timmapura		609419	54	85	100	22	207	49	196	0	0	5	11	54	207
Ganganahalli		609420	7	10	12	2	24	6	24	0	0	1	0	7	24
Chikkaballekere		609421	279	573	513	103	1189	52	208	0	0	227	981	279	1189
Hanumanahalli		609422	68	115	137	41	293	3	11	0	0	65	282	68	293
Gedlehalli		609423	85	192	195	53	440	0	0	0	0	85	440	85	440
Arehalli		609424	230	450	415	75	940	83	333	1	4	146	603	230	940
Kallenahalli		609425	0	0	0	0	0	0	0	0	0	0	0	0	0
Basuru		609426	279	579	548	101	1228	64	257	0	0	215	971	279	1228
Kamanakere		609427	294	680	673	98	1451	100	400	16	64	178	987	294	1451
Bantiganahalli		609428	303	661	640	125	1426	31	123	0	0	272	1303	303	1426
K.Dasarahalli		609429	186	410	391	88	889	1	2	1	4	185	883	186	889
Marulanahalli		609430	29	59	47	9	115	0	0	0	0	29	115	29	115
Chikkabasur		609431	293	551	555	93	1199	12	49	1	4	280	1146	293	1199
Gowdanakattehalli		609432	138	275	269	62	606	26	102	0	0	113	504	138	606
Bislere		609433	293	537	533	91	1161	20	79	89	357	184	725	293	1161
Kukkasamudra		609434	0	0	0	0	0	0	0	0	0	0	0	0	0
Thammihalli		609435	0	0	0	0	0	0	0	0	0	0	0	0	0
Bannihatti		609436	0	0	0	0	0	0	0	0	0	0	0	0	0
Jammapura		609437	0	0	0	0	0	0	0	0	0	0	0	0	0
Mavinahalli		609438	53	85	91	27	203	17	67	1	2	36	134	53	203
P.Kodihalli		609439	335	633	637	138	1408	27	109	0	0	308	1299	335	1408
Donnekoranahalli		609440	161	289	320	73	682	31	124	0	0	130	558	161	682
Narasipura		609441	0	0	0	0	0	0	0	0	0	0	0	0	0
Yaradakere.G		609442	434	817	795	157	1769	78	312	5	20	351	1437	434	1769
Vokkalagere		609443	414	695	710	132	1537	134	537	10	40	270	960	414	1537
M.Kodihalli		609444	134	278	270	62	610	44	174	8	31	83	405	134	610
Chinakarahalli		609445	121	233	217	36	486	0	0	0	0	121	486	121	486
M.Jakkanahalli		609446	86	146	143	18	307	0	0	0	0	86	307	86	307

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Byregondanahalli		609447	172	367	363	82	812	60	239	0	0	112	573	172	812
Y.Basavanahalli		609448	10	18	19	1	38	0	0	0	0	10	38	10	38
P.Mallapura		609449	68	138	128	20	286	1	3	0	0	67	283	68	286
Pura		609450	196	364	354	79	797	90	359	0	0	106	438	196	797
Meredevarahalli		609451	0	0	0	0	0	0	0	0	0	0	0	0	0
Hiregarje		609452	132	231	243	63	537	0	1	0	1	132	535	132	537
Rampura		609453	43	92	78	18	188	0	0	46	185	-3	3	43	188
G.Jakkanahalli		609454	46	86	95	21	202	0	0	1	2	46	200	46	202
G.Madapura		609455	109	216	218	54	488	44	177	0	0	65	311	109	488
Garje		609456	560	1012	1041	223	2276	42	168	0	0	518	2108	560	2276
Yagati		609457	716	1240	1201	233	2674	73	291	4	17	639	2366	716	2674
Harisamudra		609458	90	153	160	32	345	0	0	0	0	90	345	90	345
Hochihalli		609459	321	629	609	125	1363	53	212	1	2	268	1149	321	1363
Somanahalli		609460	2	2	5	2	9	0	0	0	0	2	9	2	9
Maravanji		609461	375	743	711	138	1592	39	155	17	66	320	1371	375	1592
Honnenahalli		609462	299	539	547	82	1168	60	241	0	0	239	927	299	1168
Udugere		609463	481	891	883	182	1956	150	601	0	0	331	1355	481	1956
Keremelenahalli		609464	20	49	46	9	104	0	0	0	1	20	103	20	104
Hanumanahalli		609465	71	158	158	29	345	0	0	0	0	71	345	71	345
Bukkanagundi		609466	16	27	29	3	59	0	0	0	0	16	59	16	59
G.Byrapura		609467	0	0	0	0	0	0	0	0	0	0	0	0	0
Siriyappanahalli		609468	0	0	0	0	0	0	0	0	0	0	0	0	0
Chokkapura		609469	2	3	4	0	7	0	0	0	0	2	7	2	7
Vittalapura		609470	48	82	94	17	193	14	56	0	0	34	137	48	193
Chikkanayakanahalli		609471	88	151	149	20	320	0	1	0	0	88	319	88	320
Seethapura		609472	203	410	416	90	916	225	901	0	0	-22	15	203	916
Guddehalli		609473	151	325	323	67	715	2	6	1	2	149	707	151	715
Kunkanadu		609474	437	815	779	140	1734	46	184	41	163	350	1387	437	1734
Aladahalli		609475	127	267	246	33	546	37	149	1	4	89	393	127	546
Vaderahalli		609476	106	203	197	31	431	1	3	0	0	105	428	106	431
Uligere		609477	351	557	598	94	1249	13	50	8	32	331	1167	351	1249
Kothigere		609478	144	284	280	71	635	9	35	0	1	135	599	144	635
Muglikatte		609479	277	531	543	104	1178	17	68	14	56	246	1054	277	1178
Sanehalli		609480	150	309	319	63	691	34	137	0	0	116	554	150	691
Bokkmallanahalli		609481	0	0	0	0	0	0	0	0	0	0	0	0	0
Thippagondanahalli		609482	0	0	0	0	0	0	0	0	0	0	0	0	0
Kandagadahalli		609483	1	2	1	0	3	0	0	0	0	1	3	1	3
Mallidevihalli		609484	270	490	534	123	1147	162	648	0	0	108	499	270	1147
Yalambalse		609485	556	1003	976	200	2179	50	200	45	180	461	1799	556	2179
Soorapura		609486	62	122	130	26	278	4	17	0	0	58	261	62	278
Sadarahalli		609487	148	256	273	52	581	24	95	18	71	107	415	148	581
Madalu		609488	156	300	316	73	689	53	213	0	0	103	476	156	689
Yalagundanahalli		609489	227	471	439	67	977	0	1	0	0	227	976	227	977
Y.Mallapura		609490	335	631	609	139	1379	101	404	0	0	234	975	335	1379
Doddanayakanahalli		609491	5	8	7	1	16	0	0	0	0	5	16	5	16
Chattanahalli		609492	217	436	431	76	943	20	79	0	0	197	864	217	943

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Annegere		609493	668	1271	1241	279	2791	116	464	7	28	545	2299	668	2791
K.Basavanahalli		609494	101	173	185	22	380	2	6	0	0	100	374	101	380
Kadur (Rural)		609495	0	0	0	0	0	0	0	0	0	0	0	0	0
Thuruvanahalli		609496	190	436	382	80	898	110	439	0	0	80	459	190	898
Chowdlapura		609497	69	143	129	29	301	0	0	0	0	69	301	69	301
Uppunse		609498	339	740	656	138	1534	47	189	0	0	292	1345	339	1534
Biluvlakaval		609499	0	0	0	0	0	0	0	0	0	0	0	0	0
Aladahalli		609500	81	182	168	23	373	0	1	0	0	81	372	81	373
Nagagondanahalli		609501	137	276	269	63	608	2	6	2	7	134	595	137	608
Biluvala		609502	297	678	645	163	1486	9	36	0	0	288	1450	297	1486
Kurubarahalli		609503	0	0	0	0	0	0	0	0	0	0	0	0	0
Malleshwara (Rural)		609504	351	674	676	148	1498	132	528	4	15	215	955	351	1498
Mallappanahalli (Rural)		609505	10	23	22	6	51	4	14	0	0	7	37	10	51
Haruvanahalli (Rural)		609506	134	253	259	73	585	0	0	1	2	134	583	134	585
Chikaptnagere		609507	290	539	531	73	1143	40	159	0	0	250	984	290	1143
Kachapura		609508	0	0	0	0	0	0	0	0	0	0	0	0	0
Saraswathipura		609509	434	752	794	136	1682	88	353	0	1	346	1328	434	1682
Kamasagara		609510	237	509	495	109	1113	48	192	0	0	189	921	237	1113
Gopisettyhalli		609511	0	0	0	0	0	0	0	0	0	0	0	0	0
Dombarahalli		609512	26	56	51	8	115	1	2	0	0	26	113	26	115
Kadurhalli		609513	362	684	690	127	1501	93	370	0	0	270	1131	362	1501
Tangli		609514	416	846	832	182	1860	174	695	2	9	240	1156	416	1860
Macheri		609515	419	891	840	209	1940	227	908	0	0	192	1032	419	1940
Kallapura		609516	337	714	689	172	1575	0	1	0	0	337	1574	337	1575
Bhoothanahalli		609517	0	0	0	0	0	0	0	0	0	0	0	0	0
Chandrapura		609518	0	0	0	0	0	0	0	0	0	0	0	0	0
Muddenahalli		609519	0	0	0	0	0	0	0	0	0	0	0	0	0
Chikkatangli		609520	56	110	105	21	236	1	3	0	0	55	233	56	236
Sevapura		609521	121	269	268	48	585	142	568	0	0	-21	17	121	585
Kanagondanahalli		609522	170	330	324	65	719	67	267	0	0	103	452	170	719
Nagdiyathkaval		609523	6	11	5	0	16	2	9	0	0	4	7	6	16
Kodihalli		609524	0	0	0	0	0	0	0	0	0	0	0	0	0
G.Thimmapura		609525	250	510	503	90	1103	57	227	0	0	193	876	250	1103
Maradihalli		609526	179	318	334	78	730	40	158	0	0	140	572	179	730
Pattanagere		609527	551	1123	1111	207	2441	198	791	2	7	352	1643	551	2441
Channapura		609528	148	254	273	43	570	0	0	0	0	148	570	148	570
Ramanahalli		609529	418	901	884	269	2054	456	1824	0	0	-38	230	418	2054
Bisalehalli		609530	198	395	346	54	795	13	52	0	0	185	743	198	795
Angajanahalli		609531	0	0	0	0	0	0	0	0	0	0	0	0	0
Kurubagere		609532	102	213	207	60	480	0	0	2	8	100	472	102	480
Ballekere		609533	288	540	536	81	1157	65	260	0	0	223	897	288	1157
Gedlehalli		609534	182	331	331	60	722	71	285	0	1	111	436	182	722
Karehalli		609535	103	176	182	35	393	2	8	0	0	101	385	103	393
Beeranahalli		609536	170	294	323	70	687	172	686	0	0	-2	1	170	687
Vaderahalli		609537	8	13	10	1	24	0	0	0	0	8	24	8	24
Kurubarahalli		609538	93	187	169	40	396	37	148	0	0	56	248	93	396

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			No of Households	Male	Female	Children	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
Cheelanahalli		609539	99	183	181	22	386	0	0	0	0	99	386	99	386
Alagatta		609540	183	336	333	56	725	24	96	1	3	158	626	183	725
Yarehalli		609541	54	114	104	25	243	0	1	0	0	54	242	54	243
Karehallikaval		609542	9	14	12	7	33	5	20	0	0	4	13	9	33
Heelapura		609543	0	0	0	0	0	0	0	0	0	0	0	0	0
Jigenehalli		609544	477	918	895	188	2001	19	74	3	13	455	1914	477	2001
Panchehosahalli		609545	259	490	502	142	1134	1	4	0	0	258	1130	259	1134
Banjenahalli		609546	212	467	432	112	1011	2	9	0	0	210	1002	212	1011
Devarahalli		609547	95	161	178	35	374	0	1	0	0	95	373	95	374
Mathigatta		609548	508	954	1041	215	2210	206	825	1	5	301	1380	508	2210
Lakkenahalli		609549	166	335	314	74	723	24	95	1	2	142	626	166	723
Kariyanahalli		609550	103	229	219	27	475	0	1	0	0	103	474	103	475
Kuppalu		609551	303	589	592	92	1273	61	244	0	0	242	1029	303	1273
Yaradakere		609552	309	593	589	128	1310	176	705	1	4	132	601	309	1310
Y.Basavanahalli		609553	24	42	45	9	96	20	79	1	4	3	13	24	96
Alagatta		609554	129	211	213	35	459	54	215	0	0	75	244	129	459
Kasuvanahalli		609555	254	464	481	79	1024	84	334	42	168	129	522	254	1024
Hyalragatta		609556	147	230	239	43	512	2	8	0	0	145	504	147	512
Muddenahalli		609557	98	186	203	41	430	0	0	0	0	98	430	98	430
B.Basavanahalli		609558	100	213	199	54	466	0	0	0	0	100	466	100	466
Thagghallikaval		609559	3	4	3	0	7	0	0	0	0	3	7	3	7
G.Bommenahalli		609560	12	23	23	3	49	0	1	0	0	12	48	12	49
Uppinahalli		609561	268	448	462	95	1005	111	442	0	0	158	563	268	1005
Ganganahalli		609562	195	360	349	63	772	1	3	0	1	194	768	195	772
Garugadahalli		609563	373	731	716	151	1598	145	580	0	0	228	1018	373	1598
B.Bommenahalli		609564	27	58	56	14	128	22	86	0	0	6	42	27	128
B.Mallenahalli		609565	64	128	139	16	283	0	0	0	0	64	283	64	283
K.Bidre		609566	298	571	538	115	1224	27	109	19	75	252	1040	298	1224
Lalithanagar		609567	135	211	224	51	486	119	476	0	0	16	10	135	486
Kallelinganahalli		609568	68	151	138	24	313	0	0	0	0	68	313	68	313
Huligundi		609569	171	353	359	86	798	42	169	0	0	129	629	171	798
Banannahalli		609570	31	64	63	10	137	0	0	0	0	31	137	31	137
Keresanthe		609571	289	530	540	138	1208	40	158	0	0	250	1050	289	1208
Lakkashettyhalli		609572	0	0	0	0	0	0	0	0	0	0	0	0	0
Mallagatta		609573	204	352	374	51	777	54	214	2	9	148	554	204	777
Singatagere		609574	700	1249	1233	254	2736	99	396	27	106	575	2234	700	2736
S.Basavanahalli		609575	134	260	274	32	566	13	53	3	10	118	503	134	566
Kanchagallu		609576	211	363	380	73	816	31	122	7	27	174	667	211	816
D.Hosahalli		609577	137	238	247	32	517	4	17	1	3	132	497	137	517
Kerehindinakaval(Kanakatte)		609578	77	134	131	50	315	46	185	2	8	29	122	77	315
Niduvalli		609579	399	656	730	174	1560	65	258	2	7	333	1295	399	1560
Panchanahalli		609580	805	1503	1445	280	3228	126	505	10	41	669	2682	805	3228
Thubinakere		609581	28	61	62	10	133	2	7	1	4	25	122	28	133
Ramanahalli		609582	4	8	12	0	20	0	0	0	0	4	20	4	20
Bittenahalli		609583	325	616	607	132	1355	100	400	0	1	225	954	325	1355
Annegere		609584	465	811	845	175	1831	65	261	0	0	400	1570	465	1831

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Shettyhalli		609585	236	421	453	89	963	4	15	0	0	232	948	236	963
Pattadevarahalli		609586	45	78	68	13	159	0	0	0	0	45	159	45	159
Mathihalli		609587	126	235	232	47	514	54	216	0	0	72	298	126	514
Somanahalli		609588	521	923	938	151	2012	76	302	108	433	337	1277	521	2012
Santhekerehalli		609589	30	58	62	10	130	7	28	0	0	23	102	30	130
Anche Chomanahalli		609590	259	562	609	111	1282	153	612	2	9	104	661	259	1282
Mallappanahalli		609591	65	181	109	26	316	5	18	0	1	60	297	65	316
Linglapura		609592	141	316	276	63	655	22	87	0	0	119	568	141	655
Sevanagar		609593	167	332	353	62	747	186	743	0	0	-19	4	167	747
S. Kodihalli		609594	109	207	207	42	456	22	89	0	0	87	367	109	456
Laxmipura		609595	168	329	350	75	754	189	754	0	0	-21	0	168	754
Devarahalli		609596	86	186	167	37	390	34	134	58	231	-5	25	86	390
Rangapura		609597	210	372	365	57	794	4	14	0	0	207	780	210	794
S.Madapura		609598	315	608	610	129	1347	38	151	0	0	277	1196	315	1347
Siddaramanahalli		609599	128	258	236	60	554	1	2	0	0	128	552	128	554
Muthanagere		609600	489	850	890	181	1921	138	551	14	56	337	1314	489	1921
Thimlapura		609601	297	514	544	83	1141	49	195	27	106	222	840	297	1141
B.T.Mallenahalli		609602	300	546	594	137	1277	51	205	52	206	197	866	300	1277
Kundur		609603	140	285	282	53	620	1	5	25	99	114	516	140	620
M.Mallenahalli		609604	7	15	8	0	23	0	0	0	0	7	23	7	23
Hasthinapura		609605	130	228	210	54	492	115	461	0	1	15	30	130	492
Kariyanahalli		609606	4	7	6	2	15	3	12	0	0	1	3	4	15
Chikkabukkasagara		609607	40	78	63	9	150	15	59	0	0	25	91	40	150
Brahmasamudra		609608	66	140	132	21	293	52	208	3	12	11	73	66	293
Gubbihalli		609609	290	522	480	83	1085	102	408	0	0	188	677	290	1085
Hochihalli		609610	598	1291	1203	261	2755	164	654	1	4	434	2097	598	2755
Gundasagara		609611	195	372	367	54	793	38	151	0	0	157	642	195	793
Mangenahalli		609612	127	281	265	81	627	9	36	0	0	118	591	127	627
Shanabinagundi		609613	155	299	294	41	634	38	151	0	0	117	483	155	634
Laxmisagara		609614	26	48	48	9	105	0	0	0	0	26	105	26	105
Karehalli.D		609615	216	383	415	75	873	66	265	1	4	149	604	216	873
Jadakanakatte		609616	37	64	70	18	152	15	61	0	0	22	91	37	152
Halladahalli		609617	67	136	118	22	276	3	12	0	0	64	264	67	276
Devanurkaval		609618	0	0	0	0	0	0	0	0	0	0	0	0	0
Kambenahalli		609619	1	2	3	0	5	0	0	0	0	1	5	1	5
Kabballi		609620	165	315	299	72	686	39	154	0	0	127	532	165	686
Nagarahalu		609621	370	633	665	94	1392	41	163	35	138	295	1091	370	1392
Byladalu		609622	278	483	519	80	1082	114	454	0	0	165	628	278	1082
Banur		609623	533	992	997	154	2143	175	699	12	46	347	1398	533	2143
Chattnapalya		609624	42	71	64	18	153	38	153	0	0	4	0	42	153
Sakrepatna		609625	1525	2698	2788	601	6087	268	1070	19	74	1239	4943	1525	6087
Kaluvehalli		609626	246	430	425	62	917	42	166	0	0	205	751	246	917
Pillenhalli		609627	470	826	845	124	1795	99	397	3	11	368	1387	470	1795
Nagenahalli		609628	295	507	491	95	1093	9	36	0	0	286	1057	295	1093
L. Agrahara		609629	185	336	345	46	727	182	727	0	0	3	0	185	727
Hosahalli		609630	139	275	252	35	562	38	150	19	76	83	336	139	562

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Agrahara		609631	186	351	380	65	796	4	15	0	0	182	781	186	796
Manjihalli		609632	100	167	183	21	371	2	6	49	194	50	171	100	371
Hallikerekaval		609633	12	24	22	7	53	3	13	0	0	9	40	12	53
Iganahalli		609634	0	0	0	0	0	0	0	0	0	0	0	0	0
Bolanahalli		609635	67	114	115	17	246	25	100	0	0	42	146	67	246
Devanur		609636	560	1071	1125	163	2359	71	285	2	9	487	2065	560	2359
Chikkadevanur		609637	328	620	647	139	1406	22	86	1	5	305	1315	328	1406
Kurubarahalli		609638	40	80	80	13	173	0	1	0	0	40	172	40	173
Mallappanahalli		609639	45	85	84	18	187	40	160	0	0	5	27	45	187
Machegundanahalli		609640	181	361	379	64	804	0	1	0	0	181	803	181	804
Bommenahalli.S		609641	54	91	83	7	181	0	0	0	0	54	181	54	181
Thippagondanalli		609642	56	116	102	19	237	0	1	0	0	56	236	56	237
Kamenahalli		609643	160	331	321	53	705	11	42	0	0	150	663	160	705
Gedlehalli		609644	104	174	167	30	371	57	226	0	0	48	145	104	371
Virupanahalli		609645	0	0	0	0	0	0	0	0	0	0	0	0	0
Nidaghatta		609646	1009	1766	1743	312	3821	72	288	4	17	933	3516	1009	3821
Siddarahalli		609647	0	0	0	0	0	0	0	0	0	0	0	0	0
Chandrashekarapura		609648	58	109	123	10	242	0	0	0	0	58	242	58	242
Halikere		609649	757	1501	1455	304	3260	111	442	16	63	631	2755	757	3260
Bertikere		609650	0	0	0	0	0	0	0	0	0	0	0	0	0
Kanchugaranahalli		609651	90	177	194	25	396	5	20	0	0	85	376	90	396
Gangabasavanahalli		609652	78	156	152	31	339	1	2	0	0	78	337	78	339
Byadarahalli		609653	133	277	242	35	554	79	314	0	0	55	240	133	554
Hudugerehalli		609654	22	54	61	6	121	0	0	0	0	22	121	22	121
Swamykatte		609655	115	222	196	45	463	0	0	2	7	113	456	115	463
Kethumaranahalli		609656	297	566	533	90	1189	0	0	0	0	297	1189	297	1189
Lingadahalli.Jodi		609657	629	1284	1199	241	2724	124	497	22	89	483	2138	629	2724
Chatnahalli		609658	186	328	321	65	714	55	218	0	0	132	496	186	714
Tandreborekaval		609659	247	448	442	111	1001	116	464	0	1	131	536	247	1001
Honnenahalli		609660	67	118	124	44	286	0	0	0	0	67	286	67	286
S.Bidre		609661	755	1369	1319	282	2970	46	185	19	75	690	2710	755	2970
Lylapura		609662	0	0	0	0	0	0	0	0	0	0	0	0	0
Chikmagalur		000000	45631	84337	85050	17580	186967	13969	55875	1253	5012	30409	126080	45631	186967
Chikmagalur		000000	45631	84337	85050	17580	186967	13969	55875	1253	5012	30409	126080	45631	186967
Chikmagalur		000000	0	0	0	0	0	0	0	0	0	0	0	0	0
Siragola		609663	140	222	252	30	504	21	85	10	39	109	380	140	504
Bidare		609664	557	1019	1025	206	2250	277	1108	3	12	277	1130	557	2250
Boggase		609665	186	347	381	67	795	71	283	10	39	106	473	186	795
Kadavanthi		609666	335	595	617	144	1356	167	667	8	30	161	659	335	1356
Basapura		609667	159	276	265	80	621	68	271	1	4	90	346	159	621
Devadana		609668	1103	2157	2141	461	4759	327	1308	17	68	759	3383	1103	4759
Hyarambi		609669	413	766	761	173	1700	154	616	12	47	247	1037	413	1700
Huigere		609670	369	680	669	149	1498	144	574	6	23	220	901	369	1498
Bikkarane		609671	75	150	131	31	312	28	111	0	0	47	201	75	312
Manaboore		609672	79	150	160	30	340	14	55	21	84	44	201	79	340
Saragodu		609673	370	608	662	173	1443	147	588	6	25	217	830	370	1443

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			No of Households	Male	Female	Children	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
Heggarmathavani		609674	0	0	0	0	0	0	0	0	0	0	0	0	0
Madla		609675	0	0	0	0	0	0	0	0	0	0	0	0	0
Hipla		609676	0	0	0	0	0	0	0	0	0	0	0	0	0
Melagiri		609677	0	0	0	0	0	0	0	0	0	0	0	0	0
Kesavinamane		609678	53	69	62	25	156	10	41	4	16	39	99	53	156
Athigiri		609679	80	133	134	30	297	20	80	5	18	56	199	80	297
Thogarikhankal		609680	508	910	980	184	2074	174	697	12	49	322	1328	508	2074
Melinahuluvathi		609681	125	232	217	57	506	45	178	9	36	72	292	125	506
Kesave		609682	13	18	10	2	30	2	8	1	3	10	19	13	30
Suguduvani		609683	501	856	888	211	1955	226	902	17	67	259	986	501	1955
Shiravase		609684	567	972	1049	246	2267	288	1152	5	20	274	1095	567	2267
Jagara		609685	115	175	182	38	395	40	159	9	36	66	200	115	395
Kolagave		609686	158	259	276	72	607	51	203	27	108	80	296	158	607
Dattathreyapeeta		609687	1	3	2	0	5	0	0	0	0	1	5	1	5
Gonakal		609688	370	576	615	124	1315	138	550	10	39	223	726	370	1315
Muthinapura		609689	92	159	149	33	341	53	212	3	11	36	118	92	341
Bisagnimutt		609690	119	185	199	32	416	73	292	4	17	42	107	119	416
Malagaru		609691	59	90	84	20	194	13	51	6	24	40	119	59	194
Pandaravalli		609692	253	401	436	101	938	85	340	33	132	135	466	253	938
Inam Dattathreya Peeta		609693	105	191	199	32	422	32	126	1	2	73	294	105	422
Nagenahalli		609694	50	77	83	18	178	26	102	0	0	25	76	50	178
Galipooje		609695	202	346	386	87	819	90	360	2	9	110	450	202	819
Suruguppe		609696	30	61	51	16	128	24	96	0	0	6	32	30	128
Beranagodu		609697	120	240	235	55	530	66	262	0	0	55	268	120	530
Masagali		609698	75	136	126	25	287	11	43	4	16	60	228	75	287
Saragoor		609699	217	388	406	82	876	97	389	8	32	112	455	217	876
Bagamane		609700	7	13	8	2	23	0	0	0	0	7	23	7	23
Byaravalli		609701	780	1389	1405	276	3070	306	1223	11	43	464	1804	780	3070
Baganeheddal		609702	29	38	41	7	86	5	20	0	0	24	66	29	86
Makodu		609703	69	106	120	6	232	14	57	3	10	52	165	69	232
Danihalli		609704	103	175	199	35	409	51	203	2	8	50	198	103	409
Karagoor		609705	32	53	51	14	118	10	39	1	5	21	74	32	118
Bettadamalali		609706	159	312	296	77	685	79	316	2	6	79	363	159	685
Pura		609707	84	154	168	25	347	20	78	0	0	65	269	84	347
Basaravalli		609708	92	175	174	40	389	21	84	22	86	50	219	92	389
Iydahalli		609709	91	157	167	27	351	24	97	0	0	67	254	91	351
Aniganahalli		609710	25	41	42	5	88	5	18	2	9	18	61	25	88
Bygoor		609711	296	518	554	112	1184	97	388	2	7	197	789	296	1184
Avathi		609712	427	718	741	185	1644	220	881	5	18	202	745	427	1644
Keremakki		609713	194	340	328	74	742	43	171	2	6	150	565	194	742
Havare		609714	28	53	54	9	116	0	0	0	0	28	116	28	116
Devarahalli		609715	44	77	71	21	169	22	86	0	0	23	83	44	169
Arenoor		609716	158	280	306	41	627	11	42	2	8	146	577	158	627
Hangaravalli		609717	109	192	190	35	417	23	92	0	0	86	325	109	417
Hirekolale		609718	547	903	992	191	2086	262	1046	17	69	268	971	547	2086
Thotadahalli		609719	25	42	41	9	92	2	6	0	0	24	86	25	92

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Mavinahalli		609720	18	21	21	7	49	3	11	0	0	15	38	18	49
Arebidacoor Estate		609721	38	74	52	8	134	30	121	0	0	8	13	38	134
Dasarahalli		609722	290	479	507	131	1117	136	542	6	23	149	552	290	1117
Arasinaguppe		609723	314	568	568	91	1227	137	546	23	92	155	589	314	1227
Bindiga		609724	632	1199	1222	263	2684	126	504	30	121	476	2059	632	2684
Halasabalu		609725	427	729	789	192	1710	147	589	1	5	279	1116	427	1710
Hebballi		609726	78	156	145	15	316	3	11	3	12	72	293	78	316
Huliyarahalli		609727	19	38	42	5	85	2	7	0	0	17	78	19	85
Hosahalli		609728	67	149	140	16	305	56	222	2	7	10	76	67	305
Aralaguppe		609729	610	1125	1166	247	2538	427	1708	15	59	168	771	610	2538
Chikkolale		609730	232	435	449	67	951	32	129	4	15	196	807	232	951
Indavara		609731	389	772	728	133	1633	141	564	1	5	247	1064	389	1633
Allampura		609732	457	829	796	198	1823	98	393	0	0	359	1430	457	1823
Karadihallikaval		609733	8	17	12	3	32	0	0	0	0	8	32	8	32
Iyanahalli		609734	19	42	38	4	84	0	0	1	4	18	80	19	84
Beekannahallikaval		609735	0	0	0	0	0	0	0	0	0	0	0	0	0
Hampapura		609736	160	330	313	93	736	34	136	0	0	126	600	160	736
Beekannahalli (Rural)		609737	364	763	749	110	1622	94	375	2	6	269	1241	364	1622
Hukkunda		609738	193	341	364	85	790	94	377	0	1	99	412	193	790
Mathavara		609739	276	463	498	95	1056	85	339	0	0	191	717	276	1056
Dambadahalli		609740	108	191	174	32	397	13	52	0	0	95	345	108	397
Siragunda		609741	406	701	673	127	1501	58	230	1	2	348	1269	406	1501
Dumagere		609742	53	107	97	24	228	40	158	0	0	14	70	53	228
Mugathihalli		609743	143	397	303	52	752	69	277	0	0	74	475	143	752
Gavanahalli (Rural)		609744	794	1409	1363	355	3127	42	166	5	21	747	2940	794	3127
Nallur		609745	166	324	301	71	696	71	282	0	0	96	414	166	696
Thegur		609746	473	949	902	173	2024	78	313	1	4	394	1707	473	2024
Chikmagalur (Rural)		609747	63	133	112	26	271	0	0	0	0	63	271	63	271
Hiremagalur *		609748	243	468	457	76	1001	79	315	0	0	164	686	243	1001
Karthikere		609749	697	1347	1211	249	2807	114	456	0	0	583	2351	697	2807
Kuruvangi		609750	760	1522	1475	277	3274	133	533	0	1	627	2740	760	3274
Churchugudde Kaval		609751	30	60	54	24	138	13	52	0	0	17	86	30	138
Kamenahallikaval		609752	182	354	316	86	756	23	91	8	31	152	634	182	756
Padamane		609753	113	180	190	64	434	16	63	0	0	97	371	113	434
Jakkerikaval		609754	1	3	4	0	7	0	0	0	0	1	7	1	7
Srinivasapura		609755	39	64	63	17	144	1	3	0	0	38	141	39	144
Gungarahalli		609756	68	131	109	17	257	32	128	1	3	35	126	68	257
Chindenahalli		609757	0	0	0	0	0	0	0	0	0	0	0	0	0
Hanchihalli		609758	0	0	0	0	0	0	0	0	0	0	0	0	0
Sarapanahalli		609759	116	335	309	17	661	30	119	11	44	75	498	116	661
Bilekallahalli		609760	447	901	912	176	1989	107	426	1	2	340	1561	447	1989
Kenkere		609761	12	17	18	2	37	1	2	0	0	12	35	12	37
Uddeboranahalli		609762	188	316	334	60	710	29	114	1	3	159	593	188	710
Thadabenahalli		609763	144	257	263	41	561	25	101	0	0	119	460	144	561
Karisiddanahalli		609764	108	202	181	30	413	3	11	1	3	105	399	108	413
Kengenahalli		609765	88	158	159	27	344	27	107	2	9	59	228	88	344

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Karehalli		609766	5	10	9	2	21	0	0	1	4	4	17	5	21
Balenahalli		609767	98	195	191	41	427	0	0	0	0	98	427	98	427
Kunnalu		609768	208	367	385	63	815	0	0	61	242	148	573	208	815
Lakkamanahalli		609769	128	279	260	68	607	0	0	2	8	126	599	128	607
Sadarahalli		609770	194	390	403	81	874	34	135	0	0	160	739	194	874
Kurichikkanahalli		609771	109	222	221	49	492	0	0	0	0	109	492	109	492
Hiregowja		609772	367	665	668	139	1472	157	629	1	5	209	838	367	1472
Dasarahalli		609773	161	288	275	82	645	4	15	1	2	157	628	161	645
Devarahalli		609774	68	123	139	28	290	1	2	0	0	68	288	68	290
Chikkagowja		609775	226	426	418	132	976	1	4	0	0	225	972	226	976
Beeranahalli		609776	104	184	195	49	428	25	98	2	6	78	324	104	428
Shirabadige		609777	190	372	376	72	820	14	54	0	0	177	766	190	820
Kabbigarahalli		609778	68	126	129	25	280	0	0	0	0	68	280	68	280
Devagondanahalli		609779	322	640	644	86	1370	42	169	0	0	280	1201	322	1370
Ganadalu		609780	33	69	56	4	129	2	8	0	0	31	121	33	129
Lakya		609781	443	871	796	208	1875	12	49	2	8	429	1818	443	1875
Halelakya		609782	80	162	166	46	374	0	1	1	4	79	369	80	374
Kyathanabeedu		609783	172	303	316	53	672	9	34	0	0	164	638	172	672
Kanivehalli		609784	146	250	255	38	543	8	30	0	0	139	513	146	543
Kouthalu		609785	0	0	0	0	0	0	0	0	0	0	0	0	0
Sindigere		609786	556	1154	1046	185	2385	94	376	27	107	435	1902	556	2385
Arekallahalli		609787	0	0	0	0	0	0	0	0	0	0	0	0	0
Boochenahallikaval		609788	179	361	372	154	887	180	721	0	0	-1	166	179	887
Sevalal Nagara		609789	85	154	149	31	334	84	334	0	0	2	0	85	334
Machenahalli		609790	377	667	734	134	1535	23	90	4	15	351	1430	377	1535
Hosahalli		609791	0	0	0	0	0	0	0	0	0	0	0	0	0
Bhakttharahalli		609792	153	323	333	105	761	56	223	0	0	97	538	153	761
Yarehalli		609793	0	0	0	0	0	0	0	0	0	0	0	0	0
Chikkakalaspura		609794	0	0	0	0	0	0	0	0	0	0	0	0	0
Mallammanahalli		609795	0	0	0	0	0	0	0	0	0	0	0	0	0
Kalaspura		609796	1003	1791	1749	296	3836	164	656	0	1	839	3179	1003	3836
Suragondanahalli		609797	0	0	0	0	0	0	0	0	0	0	0	0	0
Payagondanahalli		609798	4	6	5	2	13	1	4	0	0	3	9	4	13
Annindadike		609799	37	74	80	13	167	0	0	0	0	37	167	37	167
Galihalli		609800	158	313	297	48	658	39	157	0	0	119	501	158	658
Kalenahalli		609801	0	0	0	0	0	0	0	0	0	0	0	0	0
Eswarahalli		609802	696	1341	1329	329	2999	231	923	0	0	465	2076	696	2999
Belawadi		609803	622	1062	1062	162	2286	52	208	0	1	570	2077	622	2286
Kallahalli		609804	16	32	37	3	72	0	0	0	0	16	72	16	72
Kurubarahalli		609805	179	348	364	78	790	0	0	2	8	177	782	179	790
Shankaranahalli		609806	19	30	31	2	63	0	0	0	0	19	63	19	63
Subramanyadahalli		609807	0	0	0	0	0	0	0	0	0	0	0	0	0
Narasipura		609808	202	421	415	77	913	13	52	0	1	189	860	202	913
Vaddarahalli		609809	141	212	227	50	489	2	9	0	0	139	480	141	489
Govindapura		609810	73	153	150	36	339	0	1	0	0	73	338	73	339
Kottigenahalli		609811	77	132	158	31	321	0	1	0	0	77	320	77	321

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Kurubara Boodi Halu		609812	509	958	921	149	2028	3	13	1	2	505	2013	509	2028
Thalihalla		609813	234	401	445	75	921	117	468	0	0	117	453	234	921
Jakkanahalli		609814	178	340	343	78	761	136	542	2	6	41	213	178	761
Channagondanahalli		609815	320	509	595	115	1219	203	811	8	31	110	377	320	1219
Joladalu		609816	385	652	697	163	1512	146	585	3	12	236	915	385	1512
Ilehole		609817	91	160	167	21	348	39	155	0	0	52	193	91	348
Basagodu		609818	194	292	345	83	720	139	555	2	8	53	157	194	720
Hedadalu		609819	223	403	403	57	863	85	341	1	3	137	519	223	863
Hancharavalli		609820	137	231	258	59	548	100	399	1	4	36	145	137	548
Mylimane		609821	500	998	937	202	2137	203	812	9	35	288	1290	500	2137
Mylimane Estate		609822	34	48	53	8	109	13	53	1	5	20	51	34	109
Anoor		609823	410	778	738	154	1670	215	861	18	72	177	737	410	1670
Koduvalli		609824	91	175	164	24	363	21	84	2	8	68	271	91	363
Kotevooru		609825	111	199	233	37	469	66	263	0	0	45	206	111	469
Thoranamavu		609826	105	176	193	45	414	31	124	22	89	52	201	105	414
Gowthameshwara		609827	13	21	18	2	41	4	17	0	0	9	24	13	41
Guddenahalli		609828	8	17	13	3	33	5	19	0	0	3	14	8	33
Vasthare		609829	454	809	807	147	1763	93	370	45	180	317	1213	454	1763
Aladagudde		609830	30	47	53	8	108	0	0	0	0	30	108	30	108
Nandikere		609831	40	73	98	23	194	37	148	0	0	3	46	40	194
Huluvala		609832	34	64	52	12	128	20	79	0	0	14	49	34	128
Mahaji		609833	14	30	34	10	74	1	4	0	0	13	70	14	74
Kuduvalli		609834	230	416	417	77	910	126	505	1	4	103	401	230	910
Chithavalli		609835	189	334	382	92	808	83	331	1	4	105	473	189	808
Siravolalu		609836	40	65	66	9	140	0	0	0	0	40	140	40	140
Thondavalli		609837	105	168	187	37	392	44	175	0	0	61	217	105	392
Valagarehalli		609838	106	208	183	37	428	12	47	0	0	94	381	106	428
Arenahalli		609839	44	80	92	14	186	0	0	0	0	44	186	44	186
Thadagase		609840	57	101	96	22	219	42	166	0	0	16	53	57	219
Samse		609841	10	21	20	2	43	0	0	0	0	10	43	10	43
Halasumane		609842	83	153	148	23	324	33	131	11	45	39	148	83	324
Neradi		609843	97	162	182	35	379	9	37	28	113	60	229	97	379
Hachadamane		609844	82	147	149	33	329	33	130	17	68	33	131	82	329
Vajuvalli		609845	32	52	50	2	104	7	26	2	6	24	72	32	104
Vataganahalli		609846	49	95	105	24	224	26	104	7	26	17	94	49	224
Kelagani		609847	112	228	232	43	503	23	93	29	115	60	295	112	503
Basagal		609848	216	385	439	82	906	79	315	30	119	108	472	216	906
Kesavinahaklu		609849	45	64	69	18	151	14	57	3	13	28	81	45	151
Doddamagaravalli		609850	405	682	718	179	1579	188	752	36	143	181	684	405	1579
Haliyur		609851	121	231	230	45	506	49	194	2	7	71	305	121	506
Chikkamagaravalli		609852	793	1465	1463	329	3257	158	631	15	58	621	2568	793	3257
Bannur		609853	108	206	212	23	441	18	73	11	43	79	325	108	441
Donagudige		609854	205	411	414	97	922	169	674	5	19	32	229	205	922
Hawalli		609855	774	1487	1484	312	3283	217	868	8	33	549	2382	774	3283
Aldur		609856	840	1605	1676	336	3617	307	1227	81	322	453	2068	840	3617
Kelagoor		609857	456	801	884	192	1877	180	721	30	119	246	1037	456	1877

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	Yelagudige	609858	240	435	458	103	996	170	680	3	10	68	306	240	996
	Sathihalli	609859	357	655	703	114	1472	217	869	2	6	138	597	357	1472
	Machagondanahalli	609860	807	1563	1595	454	3612	178	712	113	452	516	2448	807	3612
	Balehalli	609861	182	361	385	70	816	102	408	61	242	20	166	182	816
	Handi	609862	302	628	641	96	1365	132	527	80	319	91	519	302	1365
	Kesavinamane	609863	87	153	164	21	338	19	76	0	1	68	261	87	338
	Kadrimidri	609864	172	293	320	81	694	50	200	3	12	119	482	172	694
	Amble	609865	865	1727	1680	422	3829	298	1190	0	1	567	2638	865	3829
	Mugulavalli	609866	535	1050	972	185	2207	173	691	5	19	358	1497	535	2207
	Aradavalli	609867	521	966	949	238	2153	50	199	0	1	471	1953	521	2153
	Ramanahalli	609868	119	243	239	44	526	1	2	0	0	119	524	119	526
	Hoskote	609869	180	366	333	81	780	40	159	1	4	139	617	180	780
	Marle	609870	646	1220	1261	266	2747	159	634	0	0	488	2113	646	2747
	Magadi	609871	324	617	624	94	1335	208	831	0	1	116	503	324	1335
	Hejjiganahalli	609872	51	96	93	17	206	20	78	0	0	32	128	51	206
	Biggadevanahalli	609873	56	102	113	25	240	11	44	0	0	45	196	56	240
	Malalur	609874	349	737	785	111	1633	132	526	2	8	216	1099	349	1633
	Bikkemane	609875	43	90	87	12	189	16	65	0	0	27	124	43	189
	Kenchenahalli	609876	54	84	103	16	203	21	83	1	4	32	116	54	203
	Billenahalli	609877	26	48	45	11	104	6	23	0	0	20	81	26	104
	Thiruguna	609878	98	176	173	19	368	25	100	0	0	73	268	98	368
	Boodanike	609879	54	108	110	25	243	58	232	0	0	-4	11	54	243
	Kundur	609880	139	255	256	27	538	19	74	1	5	119	459	139	538
	Tagadoor	609881	17	35	29	4	68	5	21	0	0	12	47	17	68
	Kambihalli	609882	68	133	147	16	296	35	139	0	0	33	157	68	296
	Hadihalli	609883	152	239	258	34	531	26	105	2	9	124	417	152	531
	Haluvalli	609884	86	165	169	14	348	14	54	6	24	67	270	86	348
	Bigganahalli	609885	193	313	305	67	685	32	129	0	0	161	556	193	685
	Mavinakere	609886	50	101	84	17	202	11	45	0	0	39	157	50	202
	Mathikere	609887	87	158	166	21	345	18	72	0	0	69	273	87	345
	Banavara	609888	51	98	106	10	214	11	45	0	0	40	169	51	214
	Gangalagodu	609889	78	124	125	13	262	9	37	0	0	69	225	78	262
	Kabbikere	609890	110	186	197	29	412	10	39	0	1	100	372	110	412
	Nagarahalli	609891	588	1109	1110	272	2491	129	514	4	15	456	1962	588	2491
	Mudigere	000000	28764	51688	53655	10873	116216	7549	30194	3664	14657	17551	71365	28764	116216
	Mudigere	000000	28764	51688	53655	10873	116216	7549	30194	3664	14657	17551	71365	28764	116216
	Mudigere	000000	0	0	0	0	0	0	0	0	0	0	0	0	0
	Samse	609892	1162	2322	2235	507	5064	111	444	240	958	812	3662	1162	5064
	Kalakodu	609893	136	291	289	70	650	12	49	53	212	71	389	136	650
	Hornadu	609894	633	1142	1174	252	2568	73	293	222	886	338	1389	633	2568
	Thotadur	609895	247	426	431	79	936	80	320	21	85	146	531	247	936
	Thanudi	609896	365	654	652	178	1484	123	490	90	358	153	636	365	1484
	Thalagodu	609897	236	451	417	59	927	67	268	38	153	131	506	236	927
	Kalasa	609898	2647	5043	5202	953	11198	473	1893	416	1664	1758	7641	2647	11198
	Ambinakodige	609899	16	37	39	6	82	7	26	2	9	7	47	16	82
	Hemmakki	609900	407	767	779	161	1707	89	355	49	196	269	1156	407	1707

Name of Gram Panchayath	Name of the Villages Covered	Code of the Village	Population					SC		ST		Others		Total	
			No of Households	Male	Female	Children	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
K.Kelagur		609901	213	361	361	90	812	78	312	6	24	129	476	213	812
Marasanige		609902	642	1212	1245	222	2679	173	691	126	504	343	1484	642	2679
Edur		609903	144	273	276	70	619	29	117	6	22	109	480	144	619
Idkani		609904	538	955	985	188	2128	96	385	13	51	429	1692	538	2128
Durgadahalli		609905	156	249	264	50	563	31	124	8	33	117	406	156	563
Balige		609906	131	259	245	62	566	46	183	3	13	82	370	131	566
AramaneThalagur		609907	140	253	230	60	543	31	124	29	115	80	304	140	543
Bilagali		609908	118	181	199	46	426	25	98	22	89	71	239	118	426
Kalmane		609909	133	241	244	61	546	65	260	13	51	55	235	133	546
Hadivoni		609910	192	329	337	70	736	22	89	44	177	126	470	192	736
Koradathalagur		609911	184	335	348	83	766	35	138	3	11	147	617	184	766
Coove		609912	693	1245	1250	258	2753	272	1086	64	255	358	1412	693	2753
Maliganadu		609913	124	181	191	51	423	37	149	7	26	80	248	124	423
Kelagur		609914	98	180	189	27	396	35	139	2	6	62	251	98	396
AbrugodigeEstate		609915	28	39	45	14	98	16	65	1	2	11	31	28	98
Kelagur Estate		609916	97	138	151	32	321	34	137	0	1	63	183	97	321
Sunkasale		609917	84	125	134	22	281	24	96	2	9	58	176	84	281
HalagadakaEstate		609918	17	28	27	3	58	1	5	0	0	16	53	17	58
Madugundi		609919	73	132	128	12	272	9	34	10	38	55	200	73	272
Megur		609920	204	302	307	64	673	71	283	12	46	122	344	204	673
Balur Estate		609921	71	128	148	27	303	41	163	16	62	15	78	71	303
Javali		609922	437	767	734	193	1694	165	658	22	89	250	947	437	1694
Markal		609923	136	235	249	41	525	66	262	4	17	66	246	136	525
Niduvale		609924	382	675	708	123	1506	128	513	66	263	188	730	382	1506
Alekhan Estate		609925	14	19	22	4	45	3	12	6	24	5	9	14	45
Balur		609926	433	804	799	134	1737	147	587	26	103	261	1047	433	1737
Attigere		609927	125	233	257	48	538	46	183	9	35	71	320	125	538
Banakal		609928	824	1421	1491	319	3231	250	1001	45	180	529	2050	824	3231
Heggodlu		609929	168	300	315	63	678	37	149	29	116	102	413	168	678
Darshana		609930	30	41	44	7	92	4	14	0	0	27	78	30	92
Kundur		609931	481	820	850	156	1826	82	326	75	300	325	1200	481	1826
B.Hosahalli		609932	476	743	855	174	1772	178	710	52	208	247	854	476	1772
Kannagere		609933	63	96	102	22	220	16	63	6	24	41	133	63	220
Kudahalli		609934	430	851	875	196	1922	37	149	3	13	390	1760	430	1922
Binnadi		609935	80	146	129	34	309	41	165	0	0	39	144	80	309
Taruve		609936	220	467	526	88	1081	64	254	58	232	99	595	220	1081
Barimale Estate		609937	0	0	0	0	0	0	0	0	0	0	0	0	0
Kogile		609938	48	86	93	31	210	26	105	0	0	22	105	48	210
Kotrakere		609939	22	36	41	9	86	1	5	2	6	19	75	22	86
Bankenahalli		609940	145	268	300	75	643	85	340	0	1	60	302	145	643
Baggasagodu		609941	202	393	416	94	903	68	271	19	75	116	557	202	903
Phalguni		609942	430	799	760	148	1707	145	579	44	177	241	951	430	1707
Halike		609943	214	386	385	85	856	53	211	6	25	155	620	214	856
Bettagere		609944	219	382	416	76	874	72	287	10	41	137	546	219	874
Tripura		609945	129	222	248	54	524	72	286	4	14	54	224	129	524
Gutti		609946	134	180	222	35	437	34	135	0	0	100	302	134	437

Name of Gram Panchayath	Name of the Villages Covered	Code of the Village	Population					SC		ST		Others		Total	
			No of Households	Male	Female	Children	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
Mularahalli		609947	16	28	24	2	54	0	1	2	9	14	44	16	54
Hesagodu		609948	75	136	130	30	296	1	2	13	53	61	241	75	296
Ousana		609949	13	24	22	3	49	0	0	0	0	13	49	13	49
Kolur		609950	184	374	396	72	842	133	532	1	3	50	307	184	842
Bakki		609951	120	219	209	38	466	53	210	0	0	68	256	120	466
Hyragudde		609952	31	75	46	11	132	7	26	0	1	24	105	31	132
Pattaduru		609953	105	166	169	53	388	42	169	0	0	63	219	105	388
Halekote		609954	377	653	750	140	1543	131	524	54	215	192	804	377	1543
Hanumanahalli		609955	47	89	91	20	200	23	93	0	0	24	107	47	200
Kenjige Estate		609956	13	21	25	3	49	0	0	4	16	9	33	13	49
Kenjige		609957	115	172	234	42	448	22	88	50	199	43	161	115	448
Guddada Estate		609958	2	2	3	1	6	0	0	0	0	2	6	2	6
Thatkola		609959	28	49	51	9	109	2	8	6	22	21	79	28	109
Hesagal		609960	800	1430	1491	316	3237	190	761	88	351	522	2125	800	3237
Naduvanamadkal		609961	25	51	46	4	101	0	0	0	0	25	101	25	101
Kademadkal		609962	49	84	109	21	214	28	113	3	12	18	89	49	214
Indravalli		609963	86	163	154	40	357	33	132	19	76	34	149	86	357
Nandipura		609964	172	286	298	75	659	83	333	6	23	83	303	172	659
Malahalli		609965	88	165	166	43	374	20	78	25	98	44	198	88	374
Kolugodu		609966	107	192	207	31	430	14	54	15	60	79	316	107	430
Bommenahalli		609967	25	45	45	7	97	12	46	0	0	14	51	25	97
Sangamapura		609968	32	61	61	12	134	2	6	0	0	31	128	32	134
Karabylu		609969	38	63	59	14	136	20	79	0	0	18	57	38	136
Mudasasi		609970	104	130	157	52	339	60	241	0	0	44	98	104	339
Kannapura		609971	319	557	632	113	1302	123	491	60	238	137	573	319	1302
Ghattadahalli		609972	63	108	119	28	255	31	122	18	70	15	63	63	255
Kollibylu		609973	55	102	94	10	206	11	43	5	18	40	145	55	206
Karadagodu		609974	3	5	6	3	14	0	0	0	0	3	14	3	14
Bilagola		609975	805	1420	1584	303	3307	167	669	31	125	607	2513	805	3307
Mudigere (Rural)		609976	364	702	678	180	1560	72	289	20	81	272	1190	364	1560
Lokavalli Estate		609977	108	218	212	28	458	55	218	30	120	24	120	108	458
Bidarahalli		609978	389	747	721	162	1630	55	221	16	65	318	1344	389	1630
Lokavalli		609979	106	237	208	35	480	37	148	1	2	69	330	106	480
Beejavalli		609980	88	143	152	37	332	17	68	4	16	67	248	88	332
Kaduvalli		609981	28	54	52	7	113	4	15	0	0	24	98	28	113
Makonahalli		609982	286	461	502	111	1074	100	400	36	144	150	530	286	1074
Gabbahalli		609983	31	47	53	14	114	4	14	0	0	28	100	31	114
Pura		609984	21	40	41	9	90	0	0	0	0	21	90	21	90
Kellur		609985	58	90	109	10	209	2	6	18	73	38	130	58	209
Kunnahalli		609986	337	593	668	127	1388	39	156	145	579	153	653	337	1388
Daradahalli		609987	573	1110	1099	254	2463	104	416	101	405	368	1642	573	2463
Kesavalalu Estate		609988	14	22	19	10	51	9	35	0	0	5	16	14	51
Kadidal		609989	213	321	362	79	762	79	316	19	74	116	372	213	762
Jogannanakere		609990	396	788	804	138	1730	168	673	15	58	213	999	396	1730
Muthigepura		609991	122	223	240	39	502	49	194	3	10	71	298	122	502
Halase		609992	92	156	168	26	350	33	131	4	16	55	203	92	350

Name of Gram Panchayath	Name of the Villages Covered	Code of the Village	Population					SC		ST		Others		Total	
			No of Households	Male	Female	Children	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
Chattarahalli		609993	28	48	42	5	95	2	6	0	0	27	89	28	95
Gowthahalli		609994	131	227	260	41	528	61	245	0	0	70	283	131	528
Urubage		609995	195	326	371	56	753	26	102	6	23	164	628	195	753
Byduvalli		609996	157	247	258	51	556	51	203	12	46	95	307	157	556
Byduvalli Estate		609997	13	18	27	6	51	7	26	1	4	6	21	13	51
Halekere		609998	115	211	213	35	459	25	100	4	17	86	342	115	459
Halekere Estate		609999	7	10	9	2	21	1	2	0	0	7	19	7	21
Kanachuru		610000	166	277	266	60	603	20	80	8	33	138	490	166	603
Kanachuru Estate		610001	39	55	58	21	134	20	80	5	20	14	34	39	134
Hanthuru		610002	124	186	210	41	437	37	146	1	5	86	286	124	437
Hoisalalu		610003	164	304	352	68	724	55	221	59	236	50	267	164	724
Chandrapura		610004	163	256	273	62	591	57	228	30	119	76	244	163	591
Kammaragodu		610005	359	654	713	128	1495	104	415	167	668	88	412	359	1495
Gonibeedu		610006	708	1326	1340	275	2941	104	414	88	352	517	2175	708	2941
G.Agrahara		610007	474	848	907	154	1909	143	571	53	211	279	1127	474	1909
Nidagodu		610008	82	155	151	41	347	9	34	23	92	51	221	82	347
Anajooru		610009	158	308	317	92	717	49	197	3	10	106	510	158	717
Uggehalli		610010	175	296	295	56	647	58	232	18	73	99	342	175	647
Angadi		610011	262	472	523	89	1084	121	484	1	4	140	596	262	1084
Devarunda		610012	232	370	418	103	891	61	242	19	74	153	575	232	891
Gowdahalli		610013	110	191	209	31	431	12	49	2	9	96	373	110	431
Hemmadi		610014	16	31	34	1	66	1	5	0	0	15	61	16	66
U.Hosahalli		610015	35	50	55	12	117	7	27	0	0	28	90	35	117
Hosakere		610016	55	120	104	27	251	27	107	0	1	28	143	55	251
Byrapura		610017	53	99	104	18	221	20	79	0	0	33	142	53	221
Byrapura Estate		610018	10	9	7	0	16	0	0	2	6	9	10	10	16
Mekanagadde		610019	43	64	68	10	142	9	34	4	17	30	91	43	142
Harmakki		610020	71	129	135	15	279	5	21	10	39	56	219	71	279
Kannehalli		610021	139	215	212	53	480	19	77	40	159	80	244	139	480
Bettadamane		610022	192	318	361	48	727	60	239	26	104	106	384	192	727
Chinniga		610023	343	548	600	132	1280	77	306	14	55	253	919	343	1280
Udase		610024	220	387	403	77	867	70	278	34	137	116	452	220	867
G.Hanumanahalli		610025	35	53	77	16	146	1	3	20	81	14	62	35	146
G.Hosahalli		610026	362	663	668	123	1454	30	118	160	639	173	697	362	1454
Chakkodige		610027	33	70	67	10	147	0	0	2	6	32	141	33	147
Hegravalli		610028	92	166	169	44	379	24	95	34	136	34	148	92	379
Kirugunda		610029	148	254	268	65	587	81	324	9	34	59	229	148	587
Chimmatagere		610030	28	45	49	7	101	10	41	0	0	18	60	28	101
Hiresigara		610031	133	211	237	50	498	40	161	4	16	89	321	133	498

1.3 Livestock and Biomass

Name of the State Karnataka

Name of the District Chikmagalur

Name of the Block	Small Animals					Large Animals				Any other Milch / Meat Animal	Draft animal
	Poultry	Ducks	Pigs	Goats	Sheep	Indigenous Cows	Hybrid Cows	Non-Descript Buffalo	Hybrid Buffalo		
Chikmagalur	182371	82	856	11572	14695	47160	14560	11353	-	9355	
Kadur	653403	2	287	23374	58211	77273	27935	18486	-	20076	
Koppa	93154	22	166	9830	17765	44453	19662	21592	-	10384	
Mudigere	44023	29	419	903	304	25131	4803	6288	-	4365	
NR Pura	49306	17	264	54	191	23522	5631	5465	-	6338	
Sringeri	25433	0	132	315	142	24342	4265	2754	-	5069	
Tarikere	130692	23	34	20	4	15859	2980	4932	-	4205	
Total	1178382	175	2158	46068	91312	257740	79836	70870		59792	50977

Source: Department of Statistics, GOK, Chikkamagaluru.

1.4 Agro-Ecology

Name of the State: Karnataka

Name of the District: Chikkamagaluru

Block	AE Zone	Terrain	Ha	Normal RF	Avg. RF	Max RF			Average Weekly Temperature - Celsius									Potential Evapo Transpiration				Elevation		
				Annual	Monthly	15 Min	15-30 Min	30-60 Min	Min	Max	Mean	Min	Max	Mean	Min	Max	Mean	Summer	Winter	Rainy	Cumulative	Max	Min	Mean
Chikkamagaluru	Hilly & Transition	Hilly & Plain	163052	877	73.08	120	NA	NA	19	30	24.5	15	29	22	17	26	21.5	241	680	372	1292	578	1758	1168
Kaduru	Central dry Zone	Plain land	141101	635	52.92	118	NA	NA	21	36	28.5	16	36	26	20	31	25.5	272	707	418	1398	580	1276	928
Koppa	Hilly	Hilly	57220	2903	241.92	100	NA	NA	22	35	28.5	15	35	25	21	28	24.5	234	674	342	1249	519	1336	928
Mudigere	Hilly	Hilly	115495	2328	194.00	116	NA	NA	19	31	25	16	30	23	19	29	24	313	755	527	1595	500	1644	1072
N R Pura	Hilly	Hilly	80448	1607	133.92	120	NA	NA	21	36	28.5	15	32	23.5	20	28	24	238	677	355	1270	493	1135	814
Sringeri	Hilly	Hilly	44284	3720	310.00	84	NA	NA	22	34	28	15	35	25	21	28	24.5	229	672	336	1237	530	1226	878
Tarikere	Transition	Hilly & Plain	120475	904	75.33	122	NA	NA	21	36	28.5	15	35	25	20	29	24.5	268	698	408	1373	509	1705	1107

Source: Department of Statistics, GOK, Chikkamagaluru.

1.5 Soil Profile

Name of the State Karnataka

Name of the District Chikkamagaluru

Map	Major Soil Type	Land Slope Area in Hectares					
		Area	%	<3%	3% - 8%	8-25%	>25%
1	Very shallow red gravelly loam soil	17,600	2%	5,693	7,061	2,557	1,160
2	shallow red gravelly clay soil	86,555	12%	27,995	34,727	12,573	5,705
3	Medium deep red clayey soil	48,676	7%	15,744	19,530	7,071	3,208
4	Medium deep red gravelly clay soil	2,701	0%	874	1,084	392	178
5	Deep red clayey soils	117,330	16%	37,949	47,075	17,044	7,733
6	Deep red gravelly clay soils	84,300	12%	27,266	33,823	12,246	5,556
7	Deep laterite clayey soils	82,731	11%	26,759	33,193	12,018	5,453
8	Deep laterite gravelly clay soils	17,382	2%	5,622	6,974	2,525	1,146
9	Deep black clayey soils	28,964	4%	9,368	11,621	4,207	1,909
10	Deep alluvial loamy soils	3,266	0%	1,056	1,310	474	215
11	Deep alluvial black clayey soils	3,432	0%	1,110	1,377	499	226
12	Deep alluvial clayey soils (salt affected)	79,184	11%	25,611	31,770	11,503	5,219
13	Medium deep forest brown clay soils	8,321	1%	2,691	3,339	1,209	548
14	Deep forest brown clay soils	125,697	17%	40,655	50,432	18,259	8,285
15	Rocky land associated with shallow red clay soils	6,826	1%	2,208	2,739	992	450
16	Rocky land	9,110	1%	2,947	3,655	1,323	600
		722,075	100%	233,548	289,709	104,891	47,592

Source: NBSLU, Bangalore. (Also Refer Map in annexures, Block-wise Information not available regarding slope and type of soil)

1.6 Soil Erosion and Runoff Status

Name of the State: Karnataka
Name of District: Chikmagalur

Name of the Micro Watershed	Name of the Sediment Monitoring Station	Longitude	Latitude	Soil Erosion (Ton/ha)	Runoff				Drought		
					Peak Rate (cum/hr)	Frequency of Peak (No in Months)	Total Runoff Volume of Rainy	Time of return of Maximum flood			
								5 Years	10 Years	in Years	

OPTIONAL - THIS INFORMATION IS NOT AVAILABLE

NB: optional; may be provided if data is available for the district

Table 1.6 : District slope information

Area	Area in Hectares							
	Erosion					Rocky	Water Body	Total Area
	Nearly level	Very Gentle Slope	Gentle Slope	Moderate Slope	Steep Slope			
0-1%	1-3%	3-8%	8-15%	15-30%				
Hectares	95882	113440	395755	54982	13444	20734	25968	720205
% to total	13.31%	15.75%	54.95%	7.63%	1.87%	2.88%	3.61%	100%

Source: NBSLU, Bangalore. (Also Refer Map in annexures, Block-wise Information not available regarding slope and type of soil)

1.7 Land Use Pattern

Name of the State: Karnataka
 Name of District : Chikkamagaluru
 Name of the Block: All Blocks

No.	Name of the Gram Panchayat	Name of the Villages Covered	Geographical Area	Gross	Net Sown Area (2)	Area sown more than	Cropping Intensity	Area under Forest	Area under Wasteland	Area under other Uses
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This information is required each village wise - But such data is not available and hence it is given Block-wise

1.7 Land Use Pattern

District: **CHIKKAMAGALURU**

Sl. No.	Taluk	Geographical Area	Area Sown				Forest Area		Non-agricultural use		Un-cultivable land					Fallow land		
			Net	> Once	Total	Cropping Intensity			Land put to Nonagricultural use	Barren and Uncultivable Land	Cultivable waste land	Permanent pastures	Trees and Groves	Total (8+9+10)	%	Current	Others	Total
1	Chikkamagaluru	163052	65031	4456	69487	107%	47455	29%	7516	7230	5430	17570	5438	28438	17%	5519	1863	7382
2	Kaduru	141101	88762	10308	99070	112%	8984	6%	8861	7933	6309	5933	4245	16487	12%	8936	1138	10074
3	Koppa	57220	19978	2264	22242	111%	9684	17%	1504	2142	144	18756	4430	23330	41%	582	0	582
4	Mudigere	115495	43029	2200	45229	105%	30604	26%	9572	2396	3475	21022	2095	26592	23%	1809	1493	3302
5	NR Pura	80448	14664	820	15484	106%	31944	40%	9451	4708	3894	14443	953	19290	24%	333	58	391
6	Sringeri	44284	6039	368	6407	106%	28366	64%	1242	745	70	3812	2144	6026	14%	287	36	323
7	Tarikere	120475	58226	16751	74977	129%	43448	36%	5139	3168	0	7049	409	7458	6%	2494	542	3036
	District Total	722075	295729	37167	332896	113%	200485	28%	43285	28322	19322	88585	19714	127621	18%	19960	5130	25090

Source: Department of Statistics, GOK, Chikkamagaluru (2012-13)

CHAPTER – II

DISTRICT WATER PROFILE

2.1 Area wise, Crop Wise Irrigation Status:

Gross and Net Sown Area

As mentioned in the earlier chapter the cultivable land in Chikkamagaluru district is around 2.96 lakh hectares. Out of this around 0.75 lakh hectares are under coffee, 0.39 lakh hectares under Arecanut as major plantation crops and also around 0.34 lakh hectares of area under coconut. (Total 1.48 lakhs hectares) Thus on an average around 1.48 lakh hectares of cultivated area is available for field crops (50% of cultivable area).

The gross sown area is 3.12 lakh hectares which includes all the plantation crops mentioned above. The gross area sown under field crops is estimated at 1.78 lakh hectares indicating a poor cropping intensity of 120%. Kharif is the main season of cultivation and cultivation of field crops in Rabi and Summer is limited to irrigated areas.

Irrigated and Rainfed Crop Area

As per the information available, around 18.9% of the gross cultivated area, 0.59 lakh hectares is under irrigated cultivation. The table indicating main crop groups sown in different seasons is given below

Table-13: Crops under Irrigation

Crop	Kharif			Rabi			Summer		
	Irri	Rain	Total	Irri	Rain	Total	Irri	Rain	Total
Cereals	7,250	101,600	108,850	-	9,750	9,750	3,375	-	3,375
Pulses	-	13,900	13,900	-	22,750	22,750	100	-	100
Oil Seeds	-	19,970	19,970	-	-	-	200	-	200
Fibre	-	1,500	1,500	-	-	-	-	-	-
Sugar cane	1,500	-	1,500	-	-	-	200	-	200
Total	8,750	136,970	145,720	-	32,500	32,500	3,875	-	3,875

1. The total area under irrigated cultivation for field crops is 12,625 hectares or just 4% of the total cultivable area.
2. The irrigated area under cereals is 3,375 indicating that even paddy which occupies around 37,990 hectares is also cultivated under rainfed conditions

3. In case of plantation crops of Coffee, Arecanut, Pepper and other spice crops, farmers practice sprinkler irrigation as protective irrigation as well as in blossom management.
4. Coconut plantation in around 0.34 lakh hectares is rainfed.

There are major irrigation projects under implementation in the district viz., Jambadahalla project, Bakrihalla Kadahinabailu Lift Irrigation System, Hodiyanahalla diversion Scheme and Malaluru Lift Irrigation System. These projects will bring an additional area of 3319 ha area under irrigation *i.e.*, Tarikere (891ha), N.R.Pura (526 ha) and Chikkamagalur (485 ha) taluks.

2.2 Production and Productivity of Major Crops:

Chikkamagaluru district has three distinct agro ecological zones such as hilly with more than 2000 mm annual rainfall, Southern transitional zone with around 850 mm rainfall and central dry zones with varying rainfall between 450 to 580 mm. These typical agro ecological zones has wide variety of crops from plantation, horticulture to coarse cereals and pulses.

As per the 2012-13 fully revised estimates, the crop productivity of major class of crops is as follows:

- a. **Cereals:** In the year 2012-13, a total area of 1,0,2968 hectares were cultivated in three different season and majority of it in kharif season. This area produced an average yield of 17.46 quintals per hectare

Table-14: Area, Production & Productivity of Cereals Crops

Crops	Kharif			Rabi			Summer		
	Area	Prod.	Yield	Area	Prod.	Yield	Area	Prod.	Yield
	Ha	Tons	Kgs	Ha	Tons	Kgs	Ha	Tons	Kgs
Paddy	35,282	127,477	3,803	-	-	-	2,708	11,286	4,387
Ragi	38,664	34,417	937	-	-	-	-	-	-
Jowar	1,939	1,182	642	6,981	4,324	652	-	-	-
Maize	17,385	38,284	2,318	-	-	-	-	-	-
Cereals	93,270	201,360	2,159	6,981	4,324	619	2,708	11,286	4,168

(Source: Department of Economics and Statistics, GOK, Bangalore Annual Report 2012-13)

- b. Pulses:** An area of around 24,362 hectares is sown with following pulse crops. Of this major sowing happens in rabi season with an area of 16,010 hectares. And 8,352 hectares in kharif season. Yields are at 548 kgs per hectare and yields are much below state average of 608 kgs. (highest is in Kolar district at 1703 kgs per hectare)

Table-15: Area, Production & Productivity of Pulse Crops

Crops	Kharif			Rabi		
	Area	Prod.	Yield	Area	Prod.	Yield
	Ha	Tons	Kgs	Ha	Tons	Kgs
Tur	496	347	736			
Blackgram	258	29	120	0	0	0
Horsegram	2507	1288	541	7691	3076	421
Greengram	2355	242	108	0	0	0
Avare	2293	1764	810	10	5	490
Cowpea	229	33	153	4	1	325
Bengalgram	0	0	0	8305	5736	727
	8138	3703	455	16010	8818	551

- c. Oil Seed Crops:** An area of around 14343 hectares is sown with oil seed crops for a production of 5962 tons and productivity of 438 kgs per hectare. The following are major oil seed crops.

Table-16: Area, Production & Productivity of Oil Seed Crops

Crops	Kharif			Rabi		
	Area	Production	Yield	Area	Production	Yield
	Ha	Tons	Kgs	Ha	Tons	Kgs
Groundnut	4501	2618	618	110	88	846
Castor	245	161	690	-	-	-
Seasamum	5598	1978	372	-	-	-
Niger	119	24	204	-	-	-
Sunflower	3725	1076	304	-	-	-
Total	14188	5857	413	110	88	800

- d. Commercial Crops:** The area under commercial crops of cotton and sugarcane is as follows; The yields appear to be way below the averages.

Table-17: Area, Production & Productivity of Commercial Crops

	Area in Ha	Prod in Tons	Yield Kgs
Cotton	1159	926	143
Sugarcane (Annual)	1532	85869	55
Tobacco	16	10	649

e. Horticulture Crops:

The following table shows Area, Production and yield details of vegetable and fruit crops in the district as reported in the year 2012-13

Table-18: Area, Production & Productivity of Horticulture Crops

Crops	Kharif			Rabi			Summer		
	Area	Prodn.	Yield	Area	Prodn.	Yield	Area	Prodn.	Yield
	Ha	Tons	Kgs	Ha	Tons	Kgs	Ha	Tons	Kgs
Potato	4577	20667	8699	12	210	18396	-	-	-
Onion	5327	35855	7085	-	-	-	7	40	5950
Tomato	2315	26067	11260	183	2268	12392	875	7032	8036
Beans	272	2906	10682	26	250	9623	35	297	8488
Brinjal	93	1380	14838	8	52	6532	13	156	11994
Cabbage	228	10123	44400	-	-	-	-	-	-
Dry Chillies	2800	726	273	23	57	2618	339	1187	3686
Banana	3211	66831	20813	-	-	-	-	-	-
Mango	2674	20389	7625	-	-	-	-	-	-
Papaya	9	443	49742	-	-	-	-	-	-
Cashew	213	190	899	-	-	-	-	-	-
Guava	12	71	5943	-	-	-	-	-	-
Sapota	193	1083	5613	-	-	-	-	-	-
Lemon	34	8	230	-	-	-	-	-	-
Pomegranate	10	131	13051	-	-	-	-	-	-
Turmeric	13	61	4693	-	-	-	-	-	-
Dry Ginger	458	14596	3219	-	-	-	-	-	-
Pepper	7649	34303	453	-	-	-	-	-	-
Cardamom	2127	131	62	-	-	-	-	-	-
Arecanut	26470	175182	6685	-	-	-	-	-	-
Coconut	42261	245550	5869	-	-	-	-	-	-

On the whole the productivity of crops except Coffee present a scope for improvement. Irrigation optimization and utilization of available water may help attain required productivity in each of the crop with a due reduction in production costs.

2.3 Irrigation based Classification

In the district gross irrigated area is 40896 ha and the net irrigated area is 36058 ha. The total rainfed area in the district includes partially irrigated area of 33,894 hectares and completely rainfed area is 1,35,576 ha. Tarikere taluk having 43.65 % area under irrigation stands first where as very minimum area i.e ., 0.03 % is in Sringeri taluk.

Table-19: Irrigation Based Classification

Blocks	Gross Irrigated	Net Irrigated	Partially Irrigated	Totally Rainfed	Total	% of Irrigated
Chikkamagaluru	8739	8166	2664	10656	21486	38%
Kaduru	11247	10922	16460	65840	93222	12%
Koppa	33	33	1100	4400	5533	1%
Mudigere	375	347	1800	7200	9347	4%
N.R.Pura	1823	1646	1040	4160	6846	24%
Sringeri	14	14	500	2000	2514	1%
Tarikere	18665	14930	10330	41320	66580	22%
Total	40896	36058	33894	135576	205528	18%

Tarikere block has highest irrigated area of 18,665 hectares and Kadur stands next with 10,922 hectares. Interestingly Tarikere block is getting advantage of Command Area development projects of Bhadra River, major and minor irrigation departments. Tarikere also has an area of 5727 hectares under assured irrigation with channels that are 50 kilometers in length. There are 176 tanks irrigating 1521 hectares.

Kadur block is very different in that the total area irrigated comes out of bore well irrigation. The block also has 136 tanks irrigating 2450 hectares.

In the district around 1561 tanks irrigate around 7128 hectares of lands. The highest number of tanks are in Chikkamagaluru with a total of 594 tanks irrigating 2351 hectares. There are around 655 tanks in hilly region blocks which are irrigating 806 hectares.

The Water profile and crop profile of the district provides a good scope for an integrated action in improving water use and increasing productivity of all the crops. Kadur, Chikkamagaluru and Tarikere also provide good opportunity to adopt intensive crop production per unit area duly adopting polyhouse based cultivation and use of sprinkler and drip irrigation in commercial crops. The situation regarding coffee plantations is completely handled by the Coffee Board under Ministry of Commerce and hence the crop is not under the current convergence plan.

2.1 Area -wise Cropwise Irrigation status

District Chikkamagaluru - All Blocks

Area in Hectares

Crops	Kharif -Ha			Rabi -Ha			Summer-Ha			Total			Horticulture Crops			
	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Irrigated	Rainfed	Total	Crops	Irrigated	Rainfed	Total
Cereals	7,250	101,600	108,850	-	9,750	9,750	3,375	-	3,375	10,625	111,350	121,975	Fruits	9,755	4,181	13,936
Coarse Cereals	-	-	-	-	-	-	-	-	-	-	-	-	Vegetables	19,130	-	19,130
Pulses	-	13,900	13,900	-	22,750	22,750	100	-	100	100	36,650	36,750	Spices	12,173	31,510	43,683
Oilseeds	-	19,970	19,970	-	-	-	200	-	200	200	19,970	20,170	Plantations	47,264	5,217	52,482
Fibre	-	1,500	1,500	-	-	-	-	-	-	-	1,500	1,500	Others	1,533	-	1,533
Sugarcane	1,500	-	1,500	-	-	-	200	-	200	1,700	-	1,700				-
Total	8,750	136,970	145,720	-	32,500	32,500	3,875	-	3,875	12,625	169,470	182,095		89,855	40,908	130,763
Fruit	9755	4180	13935	9755.2	4180.8	13936	9755.2	4180.8	13936	9,755	4,181	13,936				
Vegetables	13681	0	13681	4071.9	0	4071.9	1376.9	0	1376.9	19,130	-	19,130				
Plantation	47264	31509	78773	47264.46	31509.6	78774.06	47264.46	31509.6	78774.06	47,264	31,510	78,774				
Spices	12173	5217	17390	12173.42	5217.18	17390.6	12173.42	5217.18	17390.6	12,173	5,217	17,391				
Commercial Flowers	477	0	477	477.8	0	477.8	477.8	0	477.8	1,433	-	1,433				
Medicinal Plants	26	0	26	26	0	26	0	0	0	52	-	52				
Aromatic Plants	24	0	24	24	0	24	0	0	0	48	-	48				
Total	83400	40906	124306	73792.78	40907.58	114700.36	71047.78	40907.58	111955.4	89855.48	40907.58	130763.06				

Source: Information Provided by different departments

2.2 Production and Productivity of Major Crops (2011-12) Page-1

Name of the State Karnataka

Name of the District: Chikkamagaluru

Name of the Block All 7 Blocks

Season	Crop Sown							Rainfed				Irrigated				Total			
	Cereals	Coarse Cereals	Pulses	Oilseeds	Fibre	Sugarcane	Tobacco	Area	Production	Productivity	Cost of Cultivation /ha	Area	Production	Productivity	Cost of Cultivation /ha	Area	Production	Productivity	Cost of Cultivation /ha
Kharif	108,850	-	13,900	20,170	1,500	1,500	-	Separately Given for Each Crop in annexure-2.2											
Rabi	9,750	-	22,750	-	-	-	-	Separately Given for Each Crop in annexure- 2.2											
Summer	3,375	-	100	-	200	-	-	Separately Given for Each Crop in annexure-2.2											
Horticulture & Plantations	-	-	-	-	-	-	-	Separately Given for Each Crop in annexure-2.2											
Total	121,975	-	36,750	20,170	1,700	1,500	-	Separately Given for Each Crop in annexure- 2.2											

Source: Information as provided by different departments

Table-2.2 Production and Productivity Data Year 2011-12

Crops	Kharif			Rabi			Summer		
	Area	Production	Yield	Area	Production	Yield	Area	Production	Yield
	Hectares	Tons	Kgs	Hectares	Tons	Kgs	Hectares	Tons	Kgs
Paddy	35,282	127,477	3,803	-	-	-	2,708	11,286	4,387
Ragi	38,664	34,417	937	-	-	-	-	-	-
Jowar	1,939	1,182	642	6,981	4,324	652	-	-	-
Maize	17,385	38,284	2,318	-	-	-	-	-	-
Cereals	93,270	201,360	2,159	6,981	4,324	619	2,708	11,286	4,168
Tur	496	347	736						
Blackgram	258	29	120	0	0	0	0	0	0
Horsegram	2507	1288	541	7691	3076	421			
Greengram	2355	242	108	0	0	0			
Avare	2293	1764	810	10	5	490	0	0	0
Cowpea	229	33	153	4	1	325			
Bengalgram	0	0	0	8305	5736	727			
Pulses	8138	3703	455	16010	8818	551			
Groundnut	4501	2618	618	110	88	846			
Castor	245	161	690						
Seasamum	5598	1978	372						
Niger	119	24	204						
Sunflower	3725	1076	304						
Oil Seeds	14188	5857	413	110	88	800	0	0	
Commercial Crops									
Cotton	1159	926	143						
Sugarcane	1532	85869	55						
Tobacco	16	10	649						
Potato	4577	20667	8699	12	210	18396			
Onion	5327	35855	7085				7	40	5950
Tomato	2315	26067	11260	183	2268	12392	875	7032	8036
Beans	272	2906	10682	26	250	9623	35	297	8488
Brinjal	93	1380	14838	8	52	6532	13	156	11994
Cabbage	228	10123	44400						
Dry Chillies	2800	726	273	23	57	2618	339	1187	3686
Banana	3211	66831	20813						
Mango	2674	20389	7625						
Papaya	9	443	49742						
Cashew	213	190	899						
Guava	12	71	5943						
Sapota	193	1083	5613						
Lemon	34	8	230						
Pomegranate	10	131	13051						
Turmeric	13	61	4693						
Dry Ginger	458	14596	3219						
Pepper	7649	34303	453						
Cardamom	2127	131	62						
Arecanut	26470	175182	6685						
Coconut	42261	245550	5869						

Source: www.des.kar.nic.in (2012-13)

2.3 Irrigation Based Classification

Name of the State Karnataka
Name of the District Chikkamagaluru
Name of the Block All Blocks

Taluk	Irrigated (Area in Ha)		Rainfed area (Area in Ha)	
	Gross Irrigated Area	Net Irrigated Area	Partially irrigated/ Protective Irrigation	Un irrigated or Totally rainfed
Chikkamagaluru	8,739	8,166	2,664	10,656
Kadur	11,247	10,922	16,460	65,840
Koppa	33	33	1,100	4,400
Mudigere	375	347	1,800	7,200
NR Pura	1,823	1,646	1,040	4,160
Sringeri	14	14	500	2,000
Tarikere	18,665	14,930	10,330	41,320
District Total	40,896	36,058	33,894	135,576

CHAPTER -III

WATER AVAILABILITY

3.1 Status of Water Availability

The average annual rainfall of the district is estimated at 1854 mm. The block wise annual rainfall is given in the following table.

Table-20: Rainfall in Taluks

Taluk	Agro Climatic Zone	Rainfall in mm
Chikkamagaluru	Hilly & Partly Transitional	877
Kadur	Central Dry	635
Koppa	Hilly	2903
Mudigere	Hilly	2328
N.R.Pura	Hilly	1607
Sringeri	Hilly	3720
Tarikere	Southern Transitional	904
Total		1854

Volume of rainfall available in each of the block is estimated using simple formula of multiplying rainfall with area and converting the same in to Hectare Meter and subsequently in to BCM. (HaM= Area x Rainfall in mm/1000, 1BCM = 100,000 HaM)
The water available in the district from rainfall alone is estimated at 10.68 BCM, with maximum of 2.71 BCM received in Mudigere and minimum of 0.90 BCM received in Kadur block

Table-21: Blockwise Volume of Precipitation Received (Calculated using above formula)

Taluk	Rainfall in mm	Irrigated Area (ha)	Volume in BCM	Rainfed Area (ha)	Volume in BCM	Other Area (ha)	Volume in BCM	Total Volume in BCM
Chikkamagaluru	877	8166	0.07	55213	0.48	98021	0.86	1.42
Kadur	635	10922	0.07	78239	0.50	52339	0.33	0.90
Koppa	2903	33	0.00	19925	0.58	37242	1.08	1.66
Mudigere	2328	347	0.01	43387	1.01	72466	1.69	2.71
N.R.Pura	1607	1646	0.03	10470	0.17	65784	1.06	1.25
Sringeri	3720	14	0.00	7584	0.28	36702	1.37	1.65
Tarikere	904	14930	0.13	44421	0.40	62249	0.56	1.10
Total	1854	36058	0.31	259239	3.42	424903	6.95	10.68

As seen in the above table maximum volume of rains is received in Mudigere and minimum in Kadur block. It is to be noted here that rainfall volume is calculated based on the area under cultivation; in other words, water received in cropped area is the water available to the crop during the season.

In Chikkamagaluru district, the water received on areas other than cultivable lands, i.e., forests, hilly terrains and un-cultivated areas is lost largely to streams and rivers originating and passing through the district, as well as to potential evapotranspiration by forests, pastures, trees and other waste lands. The apportionment of rainfall so received is made as follows in a scientific manner as per approved standards.

Table-22: Estimated Rainfall Volume in Forest, Barren Area

Taluks	Geographical Area	Forest, Pastures, Barren, Uncultivable Lands						
		Area in hectares	Average Rainfall (mm)	Water Received in BCM	Evaporation Loss	Ground Water Recharge	PET by Forests, Pastures, Trees	Balance Available for Use
Chikkamagaluru	163,052	85,209	877	1.43	0.25	0.18	1.10	(0.10)
Kaduru	141,101	35,956	635	0.90	0.16	0.11	0.50	0.12
Koppa	57,220	36,516	2,903	1.66	0.29	0.21	0.46	0.71
Mudigere	115,495	65,689	2,328	2.69	0.47	0.34	1.05	0.83
NR Pura	80,448	61,499	1,607	1.29	0.23	0.16	0.78	0.12
Sringeri	44,284	36,309	3,720	1.65	0.29	0.21	0.45	0.70
Tarikere	120,475	59,213	904	1.09	0.19	0.14	0.81	(0.05)
District Total	722,075	380,391	1,853	10.71	1.87	1.34	5.15	2.34

Table-23: Estimated Rainfall Volume in different land use

Taluks	Geographical Area	Cultivable Waste, Current Fallows, Cultivable Lands					
		Area in ha	Average Rainfall (mm)	Water Received in BCM	Evaporation losses	Ground Water Recharge	Water Available for Crop
Chikkamagaluru	163,052	77,843	877	0.68	0.12	0.09	0.48
Kaduru	141,101	105,145	635	0.67	0.12	0.08	0.47
Koppa	57,220	20,704	2903	0.60	0.11	0.08	0.42
Mudigere	115,495	49,806	2328	1.16	0.20	0.14	0.81
NR Pura	80,448	18,949	1607	0.30	0.05	0.04	0.21
Sringeri	44,284	7,975	3720	0.30	0.05	0.04	0.21
Tarikere	120,475	61,262	904	0.55	0.10	0.07	0.39
District Total	722,075	341,684	1853	4.27	0.75	0.53	2.99

The Rain water volume received in cultivable lands including cultivable waste, fallows and cultivated lands is estimated as above. Rain water of around 2.99 BCM is available to crops in this region directly during the season.

The sources of water in the district is compiled and presented in Table 3.1. The water availability from surface irrigation sources are estimated at 0.1748 BCM of which 78% is available in Kharif season.

Water available from ground water sources is estimated at 0.8102 BCM including the recharge possible from current year rainfall. The recharge is estimated to be maximum during kharif, however in Kadur, Tarikere and Chikkamagaluru taluks, the NE monsoon also delivers good amount of rainfall in September and October months resulting in good re-charge, but a low discharge is seen on account of very low intensity cropping.

Table-24: Water availability from different sources in the district

		BCM= Billion Cubic Meter				
Sources		Area	Kharif	Rabi	Summer	Total
		Ha	BCM	BCM	BCM	BCM
1	Surface Irrigation					
	i Canal(Major & Medium Irrigation)	5,727	0.042	0.012	0.006	0.05989
	ii Minor Irrigation tanks	7,128	0.013	0.004	0.002	0.01837
	iii Lift Irrigation/Diversion	230	0.000	0.000	0.000	0.00041
	iv Various Water Bodies RWH	15,080	0.067	0.019	0.010	0.09613
	v Treated Effluent Received from STP	-				
	vi Untreated Effluent - 21.85 MLD	-				0.0080
	vii Perennial sources of water -	-				
		28,165	0.1224	0.0350	0.0175	0.1828
2	Ground Water					
	i Open Well	129	0.001	0.000	0.000	0.0008
	ii Deep Tube Well	22,844	0.193	0.055	0.028	0.2762
	iii Medium Tube Well	-				
	iv Shallow Tube Wells	-				
	v Ground Water recharge from Rainfed Area		0.245287	0.149305	0.138641	0.5332
		22,973	0.4392	0.2047	0.1663	0.8102
3	Rain Water - Cultivable Area					
	Cultivable land, Cultivable waste, Fallow	341,684				4.2659
	Immediate Evaporation Loss - 17.5%					0.7465
	Ground Water recharge - 12.5%					0.5332
	Net Rain water available for Crop		2.329	0.320	0.337	2.9861
4	Rain Water - Uncultivable, Forest, Barren Area					
	Forest, Pastures, Uncultivable, Barren, Trees	380,391				10.7050
	Immediate Evaporation Loss - 17.5%					1.8734
	Ground Water recharge - 12.5%					1.3381
	Lost to streams, PET By Forest, Pastures, Trees etc					5.1506
	Net Rain water available for Use		1.828	0.251	0.265	2.3430
5	Rain Water from Current Season Rainfall	722,075	4.157	0.570	0.602	5.3291
6	Grand Total of Water Availability		4.718	0.810	0.786	6.3220

Notes

1 BCM = 100,000 HaM

1 Hectare Meter = 1Ha X 1000 mm

	Kharif	Rabi	Summer	Total
Percentage of rain received in seasons	78%	11%	11%	100%

Source: Central Gorund water Brouchure, 2013

Water Budget for Karnataka - Water Technology Committee, Vc Farm, Mandya - 2016

Thus the district has comfortable available water sources and the need is for proper utilisation of the same. Rainfall received in un-cultivable lands are generally not

available for crops, but they are available for harvest for use by livestock, population and other common utility purposes.

3.2 Status of Groundwater Availability

There are 24,212 borewells in the district irrigating 25,056 hectares of land. The two distinct regions, namely wet hilly region and the dry plains present generally a good groundwater situation with only Kadur block in a marginal situation with 40% in critical zone, 40% in semi-critical and 20% is in safe zone. Other taluks are relatively safe. Most of the borewells support horticulture crops like vegetables and fruits with protective irrigation. The annual removal (draft) of groundwater in the district is around 0.24 BCM, while the annual recharge is around 0.53 BCM leaving surplus at district level. (Ground Water Information Booklet 2013, CGWR Board, Bangalore)

However, in Kadur block the draft is 0.10 BCM and recharge is 0.10 BCM. In Tarikere block also the situation is quite close with a draft of 0.50 BCM and recharge of 0.63 BCM. Surplus groundwater is seen in Mudigere, Koppa and NR Pura and Chikkamagaluru blocks. In Sringeri block groundwater recharge is lowest with 0.07 BCM per annum despite being in high rainfall zone (smaller geographic area).

The output from these bore wells play a major role in cultivation of high value horticultural crops like Beans, Capsicum, Banana, Coconut and Arecanut especially in taluks of Kadur and Tarikere. The water from these bore wells is used for irrigation through drips and sprinklers. The following table gives information on the ground water status ion the district (The following table is reproduced from Ground Water Information Booklet 2013, CGWR Board, Bangalore)

Table-25: Ground Water Availability in the District (as in 2012-13)

Status of Block as per Central Ground Water Board Notification			Ground Water (BCM)		
Critical	Semi-Critical	Safe	Draft	Recharge	Surplus
Kadur (40%)	Kadur (40%)	Kadur (20%)	0.092	0.099	0.007
	Chikkamagaluru	Chikkamagaluru	0.025	0.056	0.031
-		Koppa	0.007	0.055	0.048
-		NR Pura	0.008	0.068	0.06
-	-	Mudigere	0.018	0.052	0.034
-	-	Sringeri	0.030	0.066	0.036
-	-	Tarikere	0.057	0.115	0.058

Total			0.235	0.510	0.274
<i>Notes: Sources of Information</i>					
Ground Water Information booklet 2012					

Sewage Generation in Urban Local Body Limits

Chikkamagaluru district has 8 Urban Local Bodies generating sewage of 21.85 MLD. This sewage, if treated, can be put to use for crop production, but none of the ULB's have sewage treatment plants, but for Chikkamagaluru where a STP is expected to start functioning shortly. Other local bodies in district do not have UGD and STPs. Further, sewage generation quantities furnished by the local bodies to the Pollution Control Board is given below.

Table-26: Sewerage Water Generation

Local Bodies	Sewage Generation
Chikkamagaluru	12.75 MLD
Mudigere	0.30 MLD
Tarikere	3.00 MLD
Kadur	1.70 MLD
Koppa	1.20 MLD
N.R. Pura	0.70 MLD
Birur	1.60 MLD
Sringeri	0.60 MLD
Total	21.85 MLD

At the rate of 21.85 million litres per day (MLD), the untreated water generated in the district is around 0.008 BCM, good enough to meet the water needs of entire livestock of the district.

3.3 Status of Command Area

Bhadra Dam is constructed across Bhadra river near Lakkavalli village, Tarikere taluk, Chikkamagaluru district of Karnataka state at an elevation of 601.00 m above MSL. The dam is located at a latitude 13° 42' 00" N and a longitude 75° 38' 20" E. The Bhadra river rises from Varaha hills "Gangamoola" in the western ghats about 24 km west of Kalasa in Chikkamagaluru district. After flowing for about 190 kms, it joins the river Tunga at Kudli, 14.40 kms east of Shivamogga city and becomes Tungabhadra river, which is a major tributary of Krishna river. This is a multi-purpose project and power of 39.2 MW is generated through irrigation and river sluices. The live storage is 63.03 TMC, the gross storage is 71.50 TMC. The dam was completed and water is being

stored at its full height since 1962. Bhadra project is allocated with 61.70 TMC of water in Krishna-Godavari Water Disputes Tribunal Awards (KWDTA).

The total length of right bank canal is 103.00 kms and then it branches off to Davanagere and Malebennur areas and the discharge is 2650.00 cusecs. The total length of left bank canal is 77.00 kms and the discharge is 380.00 cusecs. The total irrigated cropped area is 1,05,570 hectares with Paddy being the main crop.

Total area of canal command under the Bhadra Right Bank Canal project is 3,905.26 ha. Out of this, 3,905.26 ha is the developed canal command area. The second project is known as Jumbadahalla Reservoir Project and it has a command area of 2,428.00 ha. Out of this, 395.00 ha is the developed canal command area and 2033.00 ha is under undeveloped command area. Total area of canal command in Chikkamagaluru district is 6,333.26 ha. Out of this 4,300.26 ha is developed canal command area and 2,033.00 ha is undeveloped canal command area. The volume of water available for irrigation in this area is 0.11780 BCM.

3.4 Existing Type of Irrigation

A detailed account of different types of irrigation and area under each is tabulated block-wise and presented in the Table 3.4 and its supplement.

Chikkamagaluru Taluk: An area of 12,994 hectares is irrigated and prime source of irrigation in the taluk is borewells. 2,348 borewells irrigate 6,212 hectares followed by rainwater harvest systems which account for 37% of the irrigated area with 4,828 acres under irrigation.

Kadur Taluk: The block has an area of 10,922 hectares of land irrigated of which 78% is irrigated by 8,764 bore wells and 22% is irrigated by percolation tanks.

Koppa Taluk: In this taluk an area of 4,521 hectares is irrigated mainly by rainwater harvest systems (99%).

Mudigere Taluk: 1,346 hectares is irrigated to the extent of 74% by water harvesting structures and 24% by irrigation tanks.

N R Pura Taluk: Out of 6,117 hectares irrigated in the taluk, 77% is serviced by water harvesting structures, 18% by borewells and 8% by tanks.

Sringeri Taluk: This has least irrigated area of 308 hectares which is irrigated to the extent of 58% by lift irrigation and balance by water harvesting structures.

Tarikere taluk: with 14,930 hectares of irrigated area, it has the highest area under irrigation in the district. Nearly 44% of the area is irrigated by canals and 48% by borewells in this taluk.

Out of the total cultivated area of around 2.95 lakh hectares the gross irrigated area of around 55,976 hectares, as indicated in different sources of irrigation, forms around 19% of the net cultivated area and around 18% of the gross cultivated area. The scope for irrigation is limited in four taluks of hilly region and water harvesting structures by private individuals who collect rainwater in farm ponds/ tanks to irrigate their plantation crops. In other blocks, bore well is the principal source of irrigation.

With a good rainfall and around 5.80 BCM of usable surplus of water being available, the district presents a challenging task of utilising the rainwater for irrigation, especially on account of three different agro-climatic conditions and two distinct terrains. The District Irrigation Plan seeks to address this issue in totality.

3.1: Status of Water Availability

State Karnataka
District Chikmagalur

BCM= Billion Cubic Meter

Sources	Area	Kharif	Rabi	Summer	Total
	Ha	BCM	BCM	BCM	BCM
1 Surface Irrigation					
i Canal(Major & Medium Irrigation)	5,727	0.042	0.012	0.006	0.05989
ii Minor Irrigation tanks	7,128	0.013	0.004	0.002	0.01837
iii Lift Irrigation/Diversion	230	0.000	0.000	0.000	0.00041
iv Various Water Bodies RWH	15,080	0.067	0.019	0.010	0.09613
v Treated Effluent Received from STP	-				
vi Untreated Effluent - 21.85 MLD	-				0.0080
vii Perennial sources of water -	-				
	28,165	0.1224	0.0350	0.0175	0.1828
2 Ground Water					
i Open Well	129	0.001	0.000	0.000	0.0008
ii Deep Tube Well	22,844	0.193	0.055	0.028	0.2762
iii Medium Tube Well	-				
iv Shallow Tube Wells	-				
v Ground Water recharge from Rainfed Area		0.245287	0.149305	0.138641	0.5332
	22,973	0.4392	0.2047	0.1663	0.8102
3 Rain Water - Cultivable Area					
Cultivable land, Cultivable waste, Fallow	341,684				4.2659
Immediate Evaporation Loss - 17.5%					0.7465
Ground Water recharge - 12.5%					0.5332
Net Rain water available for Crop		2.329	0.320	0.337	2.9861
4 Rain Water - Uncultivable, Forest, Barren Area					
Forest, Pastures, Uncultivable, Barren, Trees	380,391				10.7050
Immediate Evaporation Loss - 17.5%					1.8734
Ground Water recharge - 12.5%					1.3381
Lost to streams, PET By Forest, Pastures, Trees etc					5.1506
Net Rain water available for Use		1.828	0.251	0.265	2.3430
5 Rain Water from Current Season Rainfall	722,075	4.157	0.570	0.602	5.3291
6 Grand Total of Water Availability		4.718	0.810	0.786	6.3220

Notes

1 BCM =100,000 HaM

1 Hectare Meter = 1Ha X 1000 mm

	Kharif	Rabi	Summer	Total
Percentage of rain received in seasons	78%	11%	11%	100%

Source: Central Gorund water Brouchure, 2013

Water Budget for Karnataka - Water Technology Committee, Vc Farm, Mandya - 2016

Table-31.(a): Block-wise Rainwater availability Calculation based on Average rainfall in different land use

State: Karnataka

District: Chikkamagaluru

Taluks	Geographical Area	Forest, Pastures, Barren, Uncultivable Lands							Cultivable Waste, Current Fallows, Cultivable Lands					
		Area in hectares	Average Rainfal (mm)	Water Received in BCM	Evaporation Loss	Ground Water Recharge	PET by Forests, Patures, Trees	Balance Available for Use	Area in ha	Average Rainfal (mm)	Water Received in BCM	Evaporation losses	Ground Water Recharge	Water Available for Crop
Chikkamagaluru	163,052	85,209	877	1.43	0.25	0.18	1.10	(0.10)	77,843	877	0.68	0.12	0.09	0.48
Kaduru	141,101	35,956	635	0.90	0.16	0.11	0.50	0.12	105,145	635	0.67	0.12	0.08	0.47
Koppa	57,220	36,516	2,903	1.66	0.29	0.21	0.46	0.71	20,704	2903	0.60	0.11	0.08	0.42
Mudigere	115,495	65,689	2,328	2.69	0.47	0.34	1.05	0.83	49,806	2328	1.16	0.20	0.14	0.81
NR Pura	80,448	61,499	1,607	1.29	0.23	0.16	0.78	0.12	18,949	1607	0.30	0.05	0.04	0.21
Sringeri	44,284	36,309	3,720	1.65	0.29	0.21	0.45	0.70	7,975	3720	0.30	0.05	0.04	0.21
Tarikere	120,475	59,213	904	1.09	0.19	0.14	0.81	(0.05)	61,262	904	0.55	0.10	0.07	0.39
District Total	722,075	380,391	1,853	10.71	1.87	1.34	5.15	2.34	341,684	1853	4.27	0.75	0.53	2.99

3.1(b): Status of Water Availability (Supplementary Information)

State Karnataka

District: Chikkamagaluru

Table-3.1.1: Source-wise Blockwise Irrigation Status

S. No.	Taluk/Block	Canals			Tanks			Wells			Bore wells			Lift irrigation			Other Sources		Total	
		Kms	Gross	Net	No.s	Gross	Net	No.s	Gross	Net	No.s	Gross	Net	No.s	Gross Area	Net Area	Gross Area	Net Area	Gross	Net
1	Chikkamagaluru	-	-	-	594	2,512	2,351	74	15	15	2,348	6,212	5,800	468	-	-	4,828	4,828	13,567	12,994
	Percentage		0%	0%		19%	18%		0%	0%		46%	45%				36%	37%		
2	Kaduru	-	-	-	136	2,450	2,450	3	33	33	11,603	8,764	8,439	15	-	-	-	-	11,247	10,922
	Percentage		0%	0%		22%	22%		0%	0%		78%	77%							
3	Koppa	-	-	-	166	15	15	187	9	9	581	9	9	640	-	-	4,488	4,488	4,521	4,521
	Percentage		0%	0%		0%	0%		0%	0%		0%	0%				99%	99%		
4	Mudigere	-	-	-	131	334	306	90	27	27	58	14	14	15	-	-	999	999	1,374	1,346
	Percentage		0%	0%		24%	23%		2%	2%		1%	1%				73%	74%		
5	N R Pura	-	-	-	281	480	480	17	26	26	493	1,137	960	830	180	180-	4,651	4,651	6,294	6,117
	Percentage		0%	0%		8%	8%		0%	0%		18%	16%		78%	78%	74%	76%		
6	Sringeri	-	-	-	77	5	5	59	3	3	252	6	6	496	-	-	114	114	308	308
	Percentage		0%	0%		2%	2%		1%	1%		2%	2%		-	-	37%	37%		
7	Tarikere	50	8,164	5,727	176	1,521	1,521	20	16	16	8,877	8,914	7,616	127	50	50	-	-	18,665	14,930
	Percentage		44%	31%		8%	8%		0%	0%		48%	41%		0%	0%	0%	0%		
	District Total	1,308	8,164	5,727	1,561	7,317	7,128	450	129	129	24,212	25,056	22,844	2,591	230	230	15,080	15,080	55,976	51,138
	Percentage		15%	11%		13%	14%		0%	0%		45%	45%							

3.2 Status of Ground water Availability

State **Karnataka**
District **Chikkamagaluru**

Status of Block as per Central Ground Water Board Notification			Ground Water (BCM)		
Critical	Semi-Critical	Safe	Draft	Recharge	Gap
					(Surplus)
Kadur (40%)	Kadur (40%)	Kadur (20%)	0.092	0.099	0.01
	Chikkamagaluru	Chikkamagaluru	0.025	0.056	0.03
-		Koppa	0.007	0.055	0.05
-		NR Pura	0.008	0.068	0.06
-	-	Mudigere	0.018	0.052	0.03
-	-	Sringeri	0.03	0.066	0.04
-	-	Tarikere	0.057	0.115	0.06
Total			0.237	0.511	0.274

Notes: Sources of Information

Ground Water Information booklet 2012

(Draft demand for 2020 Estimated by CGWB) Report dated 2013

3.3 Status of Command Area

State Karnataka
 District Chikkamagaluru
 Name of the Block All Blocks

Sl. No	Village	Information of Canal Command			Information Other Services Command			Total Area	
		Total Area	Developed Area	Undeveloped Area	Total Area	Developed Area	Undeveloped Area	Developed	Undeveloped
1	Chikkamagaluru	1,480	830	650.00	-	-	-	830.00	650.00
2	Kaduru	0	-	-	-	-	-	-	-
3	Koppa	0	-	-	-	-	-	-	-
4	Mudigere	0	-	-	-	-	-	-	-
5	NR Pura	526	-	526.00	-	-	-	-	526.00
6	Sringeri	0	-	-	-	-	-	-	-
7	Tarikere	47,224	4,203	43,021.00	-	-	-	4,203.26	43,021.00
	Total	49,230	5,033	44,197.00	-	-	-	5,033.26	44,197.00

Tarikere: Jambadahalla and Hoodirayanakere

Chikkamagaluru: Amabale

NR Pura: Bakhrillahalla

Source: Compiled from Action plan submitted by Upper Bhadra Project

3.4 Existing Type of Irrigation

State Karnataka
 District Chikkamagaluru
 Name of the All
 Block Blocks

Source of Irrigation	Surface Irrigation					Ground Water							Treated effluent	Water Extraction			Total	
	Canal		Tanks, Ponds, Reservoirs			Tubewells		Open Wells		Borewells		Others		Electrical	Diesel	Others	Irrigation	Equipment
	Govt. Canals	Community/Pvt. /	Community	Pvt.	Govt. Dams	Govt	Pvt	Community	Pvt.	Govt	Pvt.	WHS						
Number	50	4,075	1,561	-	4,075	-	-	-	450		24,212	-	-	47,789	2,149	-	34,423	49,938
Command Area	8,164	230	7,317	-	230	-	-	-	129		25,056	15,080	-	-	-	-	56,206	25,185

CHAPTER -IV

WATER REQUIREMENT /DEMAND

Chikkamagaluru district water demand is constituted mainly by the large forest cover and the plantation crops in Hilly Agro-climatic zone and by rainfed crops of the transitional and central dry agro-climatic zones. The humid climate of Hilly regions creates higher Evapo-transpirations which again is a demand on scarce water in summer months and dry climates in the transitional and dry zones create evaporation losses on scarce water resources in there.

Population on the other hand is sparse and the decadal growth has been negative. Industrial development is slow, but industries that process plantation products, timber industries and on farm coffee processing are the ones that demand for water. Livestock population thrives mainly in the plains of Tarikere, Kadur and Chikkamagaluru Blocks.

Despite receiving record rainfall, the district sees acute water shortage in some areas during summer months. Sparse rainfall between November and May months does create a situation of critical water shortage in central dry zone and eastern Chikkamagaluru blocks. Even in the hilly regions, villages face acute water shortages in summer, as much of the rain water is lost to the streams and rivers for use elsewhere. However Plantations have created huge rain water harvesting structures to meet protective irrigation needs for the crops.

4.1 Domestic Water Demand

Chikkamagaluru district had a population of 11.37 lakhs. In the decade between 2001 and 2011, the district recorded a negative growth and the Department of Economics and Statistics has projected population of the district up to 2021 based on such negative growth rate.

The daily demand of water per person is normally taken at 135 litres, in urban areas and around 55 litres in rural areas. In calculation of demand for population, there is need to depart from these practices and adopt a higher demand to provide better standards of living for the population and hence demand is calculated uniformly at 160 litres per person per day.

Water demand for the existing population at present level of 11.37 lakhs is 0.056 BCM provided at 135 litres per day per person. The demand for the year 2020 is estimated at 0.0664 BCM by providing water at 160 litres per day. The blockwise population and estimated water demand is given in the following table.

Table-27: Domestic Water demand

Blocks	Population 2011	Water demand 2011	Population 2020	Water demand 2020	Water Demand 2020	Gross Water Demand
		BCM		Litres	HaM	BCM
Chikkamagalur	305,770	0.01507	310,240	18,118,016,000	1,811.80	0.0181
Kaduru	291,819	0.01438	291,092	16,999,772,800	1,699.98	0.0170
Koppa	84,810	0.00418	83,591	4,881,714,400	488.17	0.0049
Mudigere	128,116	0.00631	126,813	7,405,879,200	740.59	0.0074
NR Pura	66,148	0.00326	65,511	3,825,842,400	382.58	0.0038
Sringeri	36,470	0.00180	36,301	2,119,978,400	212.00	0.0021
Tarikere	224,620	0.01107	223,366	13,044,574,400	1,304.46	0.0130
	1,137,753	0.0561	1,136,558	66,374,987,200	6,637	0.0664

4.2 Crop Water Demand

The crop water demand arises from three major components, namely the plantations in hilly zones, fruit crops in the plains, which are perennial in nature, and rainfed crops in the plains for all seasons. In the plains however the cropping is mainly in kharif. Crop water demand is estimated based on water demand for crops prescribed by the Water Technology Centre for Command Area, VC Farm Mandya. The calculations are presented in table-4.2 and a summary of the same is given here. A detailed assessment of crop water demand for each crop is given in annexure to the table.

Table-28: Crop Water Demand

Crops	Area Sown	Water Demand	Potential Required	Existing Water Potential	Potential To be Created
		BCM	BCM	BCM	BCM
Cereals	107,755	0.7132	0.78	0.71	0.0713
Pulses	32,483	0.1209	0.13	0.12	0.0121
Oilseeds	14,319	0.0691	0.08	0.07	0.0069
Commercial	6,064	0.0868	0.10	0.09	0.0087
Fruit Crops	16,176	0.2209	0.24	0.22	0.0221
Vegetable	16,804	0.0982	0.11	0.10	0.0098
Plantations	164,698	1.2538	1.38	1.25	0.1254
Total	358,299	2.5629	2.8192	2.56	0.2563

Interestingly the Taluks of Chikkamagaluru, Kaduru and Tarikere receive pretty good rainfall from NE monsoon in September and October months, but cropping in Rabi is not commensurate with the volume of rains received. Hence the crop water demand in Rabi and summer is almost negligible, and the major use of water in these months is for vegetable crops and plantation and horticulture crops, which is accounted on annual basis.

As seen in the table the demand for water is mainly for the plantation crops (1.38 BCM) that drives the economy in the district. Cereals and pulses occupy the next place with a collective demand of 0.91 BCM. The potential for future needs of 2020 is taken with a 10% increase in agricultural activities for 5 years and accordingly the total demand for water crops in 2020 is seen at 2.82BCM, an increase of 0.25 BCM (under irrigation).

4.3 Livestock Water Demand

The district has a good population of livestock. The animal husbandry activities are higher in plains of Chikkamagalur, Kadur and Tarikere. The dairy industry produces around 3.5 lakh litres of milk every day. Poultry industry is dominated by broiler production, with a placement of around 12 lakh birds. As typical to dry plains, sheep and goat husbandry is also a dominant animal husbandry activity.

Water demand for cattle head is taken at 150 litres per day (for cows, bullocks and buffalo), 1litre for poultry birds, 15 litres per day for Goats, 10 litres per day for sheep and 20 litres per day for pigs. The water demand calculated at above rates is given in the following table.

Table-29: Livestock Water Demand

Livestock	Population	Present Water Demand	Water Demand in 2020	Existing Water Potential	Water Potential To be Created
		BCM	BCM	BCM	BCM
Cows	387,410	0.0212	0.0244	0.0212	0.0032
Buffaloes	94,289	0.0052	0.0059	0.0052	0.0000
Poultry	1,178,382	0.0004	0.0005	0.0004	0.0000
Goats	74,679	0.0004	0.0005	0.0004	0.0000
Sheep	104,278	0.0004	0.0004	0.0004	0.0000
Pigs	2,609	0.0000	0.0000	0.0000	0.0000
Bullocks/Other	236,439	0.0129	0.0149	0.0129	0.0019
	2,078,086	0.0276	0.0318	0.0276	0.0041

Since the population of livestock available is only of 2007, a decadal growth rate and increased provision of water for daily use is taken with 15% increase for the year 2020.

4.4 Industrial Water Demand

The major industry in the district is about coffee curing and coffee processing at farm level after harvest. There is only one notified Industrial estate by KIADB at Amabale, and it has two phases of development. There are around 8859 registered MSME units employing around 32000 persons of which 1224 are agro based and 1578 are textile based and majority of 2415 are wood based. There are also 104 industries, of which 4 are chemical 4 engineering industries and 96 others located located mainly in Chikkamagalur, Kadur, Mudigere, Koppa and Tarikere blocks.

The District Industries centre has projected following growth in industries in the coming years

Table-30: Growth of Industries in the District

Year	No. of Industries Proposed
2016-17	30
2017-18	35
2018-19	40
2019-20	40
2020-21	45
Total	190

There is no definite estimate of water requirement for Industry in the district. Taking in to account the large water requirement for Coffee processing at farm level and the curing industry needs, as well as needs of hospitality industry, the water needs of the industry can be safely assumed at 1 million gallons per day (including floating population serviced by hospitality industry). At this rate, the water requirement of industry and services for one year is estimated at 0.0016BCM or 164.25 HaM. For the year 2020 it is estimated to increase by 20%, as the hospitality industry is growing at fast rate) and accordingly the potential to be developed for this industry is estimated at 197.10 HaM or 0.002 BCM, an increase of 0.0003BCM.

4.5 Water Demand for Power Generation

There is no specific information about this need. However with a lot of rainfall in forest, hilly, barren lands other regions, there is scope for development of Hydel project.

4.6 Water Demand for Various Purposes

Summarising the need for water for various demand centres in the district, the total *existing demand* for water is estimated at 2.65 BCM. Major part of demand is for crop cultivation (2.5629BCM) Other demands are for domestic use by population (0.064 BCM), livestock (0.0318 BCM) and industry (0.002 BCM).

4.7 Water Budget

Presently a total of 6.32 BCM of water is available (after accounting substantial losses in immediate evaporation and stream losses and losses by Potential evapo-transpiration by lands not in cultivation like forest, pastures, uncultivable lands, Barren lands etc).

The future demand for water is estimated in detail in the tables 4.1 to 4.5 and accordingly a total of 2.9144 BCM water potential is forecast as need for 2020.

Summary of budget presented indicated in table 4.7 indicates that the current water potential is sufficient to meet the existing and projected demand from various sectors in the year 2020.

Summarising the above paragraphs, it can only be seen that irrigation development needs of agriculture is about greater insitu moisture conservation in central dry zone of Kadur, Southern Transitional zone of Tarikere, Eastern plains of Chikkamagaluru district. The district plan needs to consider increasing cropped area in these taluks with extensive moisture conservation in to the deeper subsurface of soil. The district plan does not address coffee and plantation crops of pepper as the two crops are entirely taken care of by Coffee board under the ministry of Commerce. In view of large area of lands under forest department, a detailed plan by Forest department in water management in that part is also included.

The three-pronged approach will be education (capacity building), Engineering (infrastructure development) and efficient utilisation (equipment),

4.1 Domestic Water Demand

State Karnataka

District Chikkamagaluru

Name of the Block All Blocks

Blocks	Population 2011	Water demand in Litres	Population 2020	Water demand in Litres	Water Demand in HaM	Gross Water Demand
						BCM
Chikkamagaluru	305,770	0.01507	310,240	18,118,016,000	1,811.80	0.0181
Kaduru	291,819	0.01438	291,092	16,999,772,800	1,699.98	0.0170
Koppa	84,810	0.00418	83,591	4,881,714,400	488.17	0.0049
Mudigere	128,116	0.00631	126,813	7,405,879,200	740.59	0.0074
NR Pura	66,148	0.00326	65,511	3,825,842,400	382.58	0.0038
Sringeri	36,470	0.00180	36,301	2,119,978,400	212.00	0.0021
Tarikere	224,620	0.01107	223,366	13,044,574,400	1,304.46	0.0130
	1,137,753	0.0561	1,136,558	66,374,987,200	6,637	0.0664

4.2 Crop Water Demand

State Karnataka

District Chikkamagaluru

Name of the Block All Blocks

Blocks	Crops	Area Sown	Irrigated Area	Crop Water Demand	Water Potential Required	Existing Water Potential	Water Potential To be Created
				BCM	BCM	BCM	BCM
	Cereals	107,755	-	0.7132	0.78	0.71	0.0713
	Pulses	32,483	-	0.1209	0.13	0.12	0.0121
	OilSeeds	14,319	-	0.0691	0.08	0.07	0.0069
	Commercial Crops	6,064	-	0.0868	0.10	0.09	0.0087
	Fruit Crops	16,176	-	0.2209	0.24	0.22	0.0221
	Vegetable Crops	16,804	-	0.0982	0.11	0.10	0.0098
	Plantations	164,698	-	1.2538	1.38	1.25	0.1254
				2.5629	2.8192	2.56	0.2563

4.2 (a): Status of Water Availability (Supplementary Information)

State Karnataka

Data Year 2011-12

District Chikkamagaluru

Water Requirement of Crops

TMC TO BCM CONVERSION FACTOR 35.2831

Crops	Per Ha TMC	Kharif		Rabi		Summer		Total
		Area	Total	Area	Total	Area	Total	
		Hectares	BCM	Hectares	BCM	Hectares	BCM	
Paddy	0.0003554	37,990	0.3826	4	0.00004	-	-	0.38
Ragi	0.0001474	38,664	0.1615	-	-	-	-	0.16
Jowar	0.0001787	8,920	0.0452	-	-	-	-	0.05
Maize	0.0001971	17,389	0.0971	4,602	0.02571	186	0.00104	0.12
Sub Total		102,963.000	0.686	4,606.000	0.026	186.000	0.001	0.713
Tur	0.0002296	496	0.0032		-		-	0.00
Blackgram	0.0001298	258	0.0009		-		-	0.00
Horsegram	0.0001298	-	-	10198	0.03751		-	0.04
Greengram	0.0001298	2,355	0.0087	0	-		-	0.01
Avare	0.0001298	2,303	0.0085	0	-		-	0.01
Cowpea	0.0001298	233	0.0009	8335	0.03066		-	0.03
Bengalgram	0.0001298	-	-	8305	0.03055		-	0.03
Sub Total		5,645	0.0222	26,838	0.0987	-	-	0.1209
Groundnut	0.0001768	4,611	0.0231	0	-		-	0.02
Castor	0.0002297	245	0.0016		-		-	0.00
Seasamum	0.0001236	5,598	0.0196		-		-	0.02
Niger	0.0001056	119	0.0004		-		-	0.00
Sunflower	0.0002297	3,746	0.0244		-		-	0.02
Sub Total		14,319	0.0691	-	-	-	-	0.0691
Cotton	0.0002649	1,159	0.0087		-		-	0.01
Sugarcane	0.0007062	3,089	0.0618		-		-	0.06
Tobacco	0.0001589	16	0.0001		-		-	0.00
Trumeric	0.0003179	1,544	0.0139		-		-	0.01
Dry Ginger	0.0003177	256	0.0023		-		-	0.00
Sub Total		6,064	0.0868	-	-	-	-	0.0868
Potato	0.0001765	4,084	0.0204		-		-	0.02
Onion	0.0001897	6,282	0.0338		-		-	0.03
Tomato	0.0002473	1,122	0.0079	0	-	-	-	0.01
Others	0.0002469	3,200	0.0224		-		-	0.02
Dry Chillies	0.0002469	1,204	0.0084	0	-	-	-	0.01
Sub Total		16,804	0.10	-	-	-	-	0.10
Banana	0.0002589	6,940	0.0509	6,940	0.05093	6,940	0.05093	0.15
Mango	0.0000706	4,176	0.0084	4,176	0.00835	4,176	0.00835	0.03
Papaya	0.0001057	57	0.0002	57	0.00017	57	0.00017	0.00
Cashew	0.0001057	485	0.0015	485	0.00145	485	0.00145	0.00
Guava	0.0000705	205	0.0004	205	0.00041	205	0.00041	0.00
Sapota	0.0000588	9	0.0000	9	0.00001	9	0.00001	0.00
Others	0.0001032	4,000	0.0117	4,000	0.01170	4,000	0.01170	0.04
Pomegranate	0.0000705	304	0.0006	304	0.00061	304	0.00061	0.00
Sub Total		16,176	0.07	16,176	0	16,176	0	0.22
Pepper & Coffee & Ot	0.0001163	91,557	0.3017	91,557	0.30174	91,557	0.30174	0.91
Areacnut	0.0000870	39,041	0.0963	39,041	0.09629	39,041	0.09629	0.29
Coconut	0.0000206	34,100	0.0199	34,100	0.01991	34,100	0.01991	0.06
Sub Total		164,698	0.42	164,698.00	0.42	164,698.00	0.42	1.25
Total		326,669.00	1.45	212,318.00	0.62	181,060.00	0.49	2.56

4.3 Livestock Water Demand

State Karnataka
District Chikkamagaluru
Name of the Block All Blocks

Blocks	Livestock	Population	Present Water Demand	Water Demand in 2020	Existing Water Potential	Water Potential To be Created
			BCM	BCM	BCM	BCM
	Cows	337,576	0.0185	0.0213	0.0185	0.0028
	Buffaloes	70,870	0.0039	0.0045	0.0039	0.0006
	Poultry	1,178,382	0.0004	0.0005	0.0004	0.0001
	Goats	46,068	0.0003	0.0003	0.0003	0.0000
	Sheep	91,312	0.0003	0.0004	0.0003	0.0000
	Pigs	2,158	0.0000	0.0000	0.0000	0.0000
	Bullocks/Other	110,769	0.0061	0.0070	0.0061	0.0009
		1,837,135	0.0234	0.0269	0.0234	0.0035

4.4 Industrial Water Demand

State Karnataka
District Chikkamagaluru
Name of the Block All Blocks

Blocks	Name of the Industry	Present Water Demand	Water Demand in 2020	Existing Water Potential	Water Potential To be Created
		BCM	BCM	BCM	BCM
		0.0016	0.0020	0.0016	0.0003

Block-wise Information Not Available

		0.0016	0.0020	0.0016	0.0003
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Note: Industrial Demand is taken at 1 Million Gallons per day

4.5 Water Demand for Power Generation

State **Karnataka**
 District **Chikkamagaluru**
 Name of the Block **All Blocks**

Blocks	Power Requirement	Present Water Demand	Water Demand in 2020	Existing Water Potential	Water Potential To be Created
		BCM	BCM	BCM	BCM

Block-wise Information Not Available

-	-	-	-	-	-
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Present Capacity	
Khandya Mini Hydel Project	- Mw
SRM Hydel Mudiger	- Mw
Ittina Energy - Balehonnur	-
Pawanaganga Power - Kolgove	-
Total	12 Mw
Discharge Per sec	4.00 Cum/sec
Discharge per day	
Discharge demand/Year	
Discharge in ha Meter	
Discharge per annum in BCM	

4.6 Water Demand for Various Sectors

State	Karnataka						
District	CHIKKAMAGALURU						
Name of the Block	All Blocks						
Sl.No	Block	Components					Total
		Domestic	Crop	Livestock	Industry	Power	
		BCM	BCM		BCM	BCM	
	Chikkamagaluru	0.0181	NA	NA	NA	NA	NA
	Kaduru	0.0170	NA	NA	NA	NA	NA
	Koppa	0.0049	NA	NA	NA	NA	NA
	Mudigere	0.0074	NA	NA	NA	NA	NA
	NRPura	0.0038	NA	NA	NA	NA	NA
	Sringeri	0.0021	NA	NA	NA	NA	NA
	Tarikere	0.0130	NA	NA	NA	NA	NA
		0.0664	2.8192	0.0269	0.0020	-	2.9145

4.7 Water Budget

State Karnataka
District Chikkamagaluru

Name of the Block All Blocks

Sl.No	Block	Existing Availability				Water Demand		Water Gap	
		Surface	Ground	Rainfall	Total	Existing	2020	Present	Projected
		BCM	BCM	BCM	BCM	BCM	BCM	BCM	BCM

Chikkamagaluru

Kaduru

Koppa

Blockwise information being compiled

Mudigere

NR Pura

Sringeri

Tarikere

		0.18	0.81	5.33	6.32	2.65	2.91	3.67	3.41
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Rainfall as source of water is after accounting for Evaporation losses

CHAPTER -V

STRATEGIC ACTION PLAN

Region-wise Strategies

Hilly Regions

The hilly regions of the district accounting for 4.61 lakh hectares of geographic area and 1.50 lakh hectares of agricultural land is limited by terrain for improvement of irrigation infrastructure. The geographic area in this region has a total of 1.48 lakh hectares of forest area. Heavy rainfall up to 2639 mm in this terrain in a short spell poses challenges to harvest water for both agricultural purposes and in the long duration interest of forest rejuvenation and conservation of ecology.

The action plan for this region is largely by Forest department of Karnataka Government under district administration and private individuals who own agricultural lands and plantations. It is equally interesting to note here that the plantations are supported by large number of water harvesting structures in this region.

1. Forest department, Chikkamagaluru has given a detailed water harvesting and withholding infrastructure plan.
2. The irrigation infrastructure requirement of Coffee Plantations is completely accounted and acted upon by the Coffee Board under Ministry of Commerce and hence is not part of this plan.
3. The horticulture department has given a detailed plan for development of irrigation infrastructure and irrigation equipment for horticulture segment, mainly fruit and Areca Plantations in this hilly region.
4. Agriculture department will continue to support all the private initiatives in respect of irrigation as done hitherto.
5. The action plan largely concentrates on water harvesting and watershed development activities and promotion of equipment for higher water use efficiency

Transitional Zone

Tarikere taluk and eastern Chikkamagaluru taluk present ample scope under Command area development as well as dry land development. There is scope for development of command area and the current action plan envisages development of around 21,778 hectares from current levels of 5727 hectares. Otherwise, the watershed activities find a prominent place in the action plan under both DPAP and regular schemes of Agriculture and Horticulture departments, as well as under MGNREGA schemes of Zilla Panchayath.

In drier areas a change in plan is proposed by promoting a large scale sub-surface water harvesting and in-situ moisture conservation and management plan. This action plan is aimed at increasing subsoil moisture storage depth from current 6 inches to 1 ft depth to a depth of 4 ft and below, by adopting deep ploughing/ sub-soiling / soil ripping techniques. Such treatment will enhance soil capillary area by a large extent and enable holding and recharge of ground water by over 3 folds in a short time.

In addition to the above action plan, it is proposed to educate farmers on in-situ moisture management by adopting input-output ratios and using larger quantities of organic matter that would enhance water holding and arresting runoffs. Once such a measure is done the soil will help crops to over come short dry spells in first place and enhance production of fodder and thereby triggering the livestock development and milk production which are supplementary income generating activities.

Central Dry Zone

Kadur taluk received 600 mm of rainfall in SW and NE monsoons at 60-40 ratio. However, agriculture is restricted to rainy season and large areas of Coconut plantations. Because of limitations of ground water, and rainfall, the farmers here grow staple crops of Ragi and pulses and Maize is cultivated to tap commercial demand of poultry industry in the region. Much of the horticulture activity on cultivation of vegetable and fruit crops is dependent on protective irrigation by Borewells. With much of the taluk (80%) almost reaching critical ground water tables, the need for water harvesting is most relevant.

In a major investment plan it is proposed to fill identified tanks with water from Bhadra Dam as well as under Tumkur Nala Project to bring about ground water recharge and benefit around 20,502 hectares of cultivated land. In addition, watershed activities, precision irrigation

equipments and water harvesting activities are proposed by Horticulture, agriculture and MGNREGA schemes. The techniques of large scale sub-soil harvest as detailed under Transitional zone action plan is proposed in this region. Capacity building is one of the most important aspect in bringing about higher water use efficiency in the taluk as well attaining a good energy use efficiency in crop husbandry. The following table indicates summary of investments proposed in the next 5 years under PMKSY scheme, Chikkamagaluru District Irrigation Plan

Scheme-wise investment

Accelerated Irrigation Benefit Plan (AIBP)

A sum of Rs. 3441.07 Crores is proposed to lift water from perennial and season excess flows of water from Bhadra river to fill 95 identified tanks with around 167.47 TMC of water per annum. Such a water flow of around 4.75 BCM (1 BCM = 35.285 TMC) of water per annum and will benefit in recharging ground water and help attain partial or total irrigation in an area of around 42,280 hectares in Kadur and Tarikere taluks as well as to some extent in Chikkamagalur and NR Pura Taluks. This action will directly contribute to increase agricultural production.

Har Khet Ko Paani

A sum of Rs. 57.08 Crores is proposed under this scheme by Minor Irrigation department in Kadur, Mudigere, Chikkamagaluru and Tarikere taluks. The activities intended are lift irrigation, lined and unlined field channels, Micro irrigation under Bhadra project as well as construction of drains.

Per Drop More Crop

A sum of Rs. 64.01 crores is proposed under this project to bring in around 27,958 hectares of lands under precision irrigation to improve Water use efficiency. The investment is being managed by Department of Agriculture and Department of Horticulture with an intention to cover every farm irrigated with borewell. Going forward, the district will see a change towards crops requiring precision irrigation and more intensive farming in vegetables and fruit crops, as well as commercial grain crops like Maize.

Watershed Development

A sum of Rs. 176.88 crores is proposed under Watershed development which includes MGNREGA convergence plans. These funds will be used to develop new watershed structures, like bunding, Checkdams, farm ponds, percolation tanks, Cattle Ponds, and other water harvesting structures like trenching and bunding, etc., in rainfed farming zones. The funds are also proposed for repair, rehabilitation of water bodies, within the said expenditure.

Others

A sum of Rs. 477.09 Crores is allocated for dryland, horticulture, afforestation, urban water supply and development of STP for treating sewage water for re-use, and certain administrative expenses.

Departmentwise Investments

MGNREGA – Zilla Panchayath and Department of Agriculture (Convergence)

A sum of Rs. 9.40 Crores is proposed by Department of Agriculture under MGNREGA convergence plan and the Zilla Panchayath has proposed a sum of Rs. 111.94 Crores under MGNREGA. These funds are being used for construction of Farm Ponds, Checkdams. Unlined field channels, nalabunds, repairs to pervcolation tanks and unlined irrigation canals. Including convergence activities under Department of Agriculture, MGNREGA is expected to generate around 50,000 mandays of work

Urban Local Bodies

A sum of Rs. 400.30 Crores is proposed for investment of which Rs. 217.08 Crores is for drinking water supply system to identified urban areas.

A sum of Rs. 183.23 Crores for development of sewerage treatment and underground drainage system, in an effort to deliver the sewerage water to identified destinations and to install water treatment plants to make the water usable in agriculture.

Major Irrigation Project

The Upper Bhadra Project and its ancillary units in the district have proposed an investment of Rs. 3176.14 Crores.

Table-31: Action Plan of Upper Bhadra Projects and Affiliates

Name of Project	Activity	Taluk	Rs.Crores
Package -1	Lift Tunga Water to Bhadra Dam	Tarikere	294.00
Package -2	Lift from Bhadra – dry run to P-3	Tarikere	423.58
Package-3	Tank filling – 79 Nos. 104 Villages	Tarikere & Kadur	2310.74
Package-4	Tank Filling in Kadur Taluk	Kadur	124.44
Jambhadahalla	Lift & Channels	Tarikere	9.30
Hoodiraynahalla	Lift & Channels	Tarikere	5.80
Malalur	Lift & Channels	Chikmagalur	4.20
Bakhri Halla	Lift & Channels	NR Pura	4.08
Total			3176.14

Out of this a sum of Rs. 2310.74 Crores is proposed for project to lift water from Bhadra river and filling it to irrigation Tanks in Tarikere and Kadur Taluks. This is expected to benefit an area of 20,502 hectares in Kadur and 21,778 hectares in Tarikere Taluk.

Prominent projects under this activity include Urbani Amruthapura lift irrigation scheme to benefit around 20 villages in Tarikere taluk, irrigation projects at Jambadahalla, Hoodirayanahalla scheme to benefit Tarikere, Bakhrihalla project in N R Pura and Malaluru scheme in Chikkamagaluru taluk. The above investments are covered under AIBP and Har Khet ko Paani Plans.

State Minor Irrigation Department (KNNL)

The Minor irrigation department has proposed an investment of Rs. 324.51 Crores for lift irrigation, development of tanks and other watershed development activities.

Table-32: Action Plan of State Minor Irrigation Department

Name of Project	Rs. in Crores
Surface Irrigation	66.10
Field Channels	62.95
Lift Irrigation	10.00
Percolation tanks	4.75
RR of Tanks	26.50
Check dams	147.76
Seepage Drains	6.45
Total	324.51

The Agriculture Department

The department has proposed an investment of Rs. 161.53 Crores for development of watershed in all the 7 blocks. This includes creation of new Water Harvesting Structures and Renovation

of the old ones. Out of this major investment of Rs. 72.96 Crores is proposed for developments in Chikkamagaluru taluk and Rs. 40.33 Crores in Kadur Taluk. And Tarikere 18.85 Crores.

Table-33: Action Plan of Agriculture Department

Activity	Rs. in Crores
Sprinkler	36.18
Sprinkler	2.68
New WHS	44.87
RR Tanks	2.67
Dryland Horti	11.89
Afforestation	11.89
Miscellaneous	51.35
Total	161.53

Horticulture Department

The department has proposed projects under micro irrigation scheme under DPAP Area (Rs.23.29 Crores) and Non DPAP Area (Rs. 0.81 Crores) schemes with a budget of Rs. 24.10 Crores to supply precision irrigation, drip irrigation equipment to farmers.

Forest Department

The department has submitted a plan for development of watershed within forest area, including afforestation. However, since the department has other schemes of their own for afforestation only the watershed development part has been included in the plan with a sum of Rs. 17.61 Crores. An investment um of Rs. 162 crores proposed for afforestation has not been considered as it is not relevant in the irrigation plan. The forest department investment is proposed in Chikkamagalur, Koppa and Bhadra Tiger reserve (covering multiple taluks).

Action Plan and Strategies

The proposed investment of Rs. 4,216.13 Crores gives a major share to transitional and dry zones of Tarikere, Kadur and Chikkamagalur taluks, as planned initially. An investment of Rs.3441.07 Crores is for development of around 62,730 hectares of command area in Tarikere and Kadur taluks under Upper Bhadra Project. The investment proposes develop infrastructure to supply water to identified tanks during monsoons, and allow percolation (recharge) to ground water as well as for irrigation purposes. Out of the remaining 775.06 Crores, Rs. 400 Crores is for development of STP and urban water supply system. Remaining 375.06 Crores will be used for development of watershed, repairs to canals, afforestation, supply of precision irrigation equipment etc.

The target for 2020 is to attain higher ground water recharge in Kadur, Tarikere and Chikkamagalur blocks and harvesting more rain water in hilly zones. The plan envisages convergence of action at block level and district level in management of irrigation investments. The Bhadra CADA project is likely to bring in desired results of increasing production in agriculture and thereby improve farm income.

Anticipated Outcome

1. The Bhadra Irrigation Project will deliver around 167.47 TMC of water in to 95 identified Tanks, to facilitate irrigation in an area of around 42,280 hectares of land in Both Tarikere and Kadur Blocks. The Bakhrihalla, Jambadahalla and Malaluru as well as Hoodirayanahalla schemes are expected to irrigate around 5000 hectares of agricultural lands in Tarikere, NR Pura and Chikkamagaluru Taluks
2. The watershed activities planned under Forest department, Department of Agriculture and MGNREGA schemes are expected to help in conservation of insitu moisture and also prevent soil erosion. Water harvesting structures have been helping in protective irrigation in Plantation area, similar outcome is expected in the long run in the plans.
3. The proposal by Urban water bodies to treat sewage water is expected to help in use of treated water for various purposes including irrigation. But the ULBs have proposed development of underground drainages for the present. Once completed the water can be treated and re-used.
4. Horticulture department and the Agriculture department have embarked on providing precision irrigation equipment to farmers. This will help in increasing water use efficiency in crops covering almost entire area irrigated by borewells under horticulture and agriculture.

The proposed action plan with an investment of Rs. 4,216.13 Crores is presented with an aim to attain objectives as set forth under PMKSY, with convergence of action by departments and in aiming to provide irrigation water to every farm and thereby attain more crop per drop. Lastly all these will contribute to target doubling of income at farm level by 2022 as proposed by the central government.

Table-5.1: Strategic Action Plan, State: Karnataka, District: Chikkamagaluru

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	DISTRICT TOTAL	MoWR	AIBP	Major Irrigation		20,502.00	5.00	141,546.00
2	DISTRICT TOTAL	MoWR	AIBP	Medium Irrigation		29,518.00	5.00	173,509.66
3	DISTRICT TOTAL	MoWR	AIBP	Surface Minor Irrigation		12,710.00	5.00	29,051.00
Sub Total						62,730.00		344,106.66
4	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Lift Irrigation		1,215.00	5.00	1,000.00
5	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Ground Water Development		-	5.00	-
6	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies		3,070.00	5.00	2,650.00
Sub Total						4,285.00		3,650.00
7 DISTRICT TOTAL				Construction of Field Channels				
7.1	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Lined Field Channels		1,000.00	5.00	150.00
7.2	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Unlined Field Channels		2,386.00	5.00	1,573.00
Sub Total						3,386.00		1,723.00
8	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Micro Irrigation		512.00	5.00	335.34
8.1	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Seepage Drains		-	5.00	-
8.2	DISTRICT TOTAL	MoWR	Har Khet ko Pani	Land Reclamation		-	5.00	-
Sub Total						512.00		335.34
9	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip		5,237.00	5.00	2,329.00
10	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		20,508.00	5.00	3,617.00
11	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		296.00	5.00	82.00
12	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler		1,517.00	5.00	268.00
13	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA		-	5.00	-
14	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS		-	5.00	-
15	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures		400.00	5.00	105.00
16	DISTRICT TOTAL	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines		-	5.00	-
Sub Total						27,958.00		6,401.00
17 DISTRICT TOTAL		DoLR & MoRD	Newly Created Water Harvest Structures					
17.1	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Farm Ponds		2,308.00	5.00	1,672.00
17.2	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Check Dams		686.00	5.00	2,757.00
17.3	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Nala Bunds		4,112.00	5.00	1,894.00
17.4	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Percolation Tanks		2,700.00	5.00	81.00
17.5	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		2,112.00	5.00	6,940.00
17.6	DISTRICT TOTAL	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond		83.00	5.00	373.00
Sub Total						12,001.00		13,717.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						110,872.00		369,933.00
18 DISTRICT TOTAL	DoLR & MoRD			Renovated Water Harvest Structures				
18.1 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Farm Ponds	-			-
18.2 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Check Dams	-			-
18.3 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Nala Bunds	-			-
18.4 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Percolation Tanks		3,982.00	5.00	3,646.00
18.5 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Other GW Harvesting Structure	-			-
18.6 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Fish Pond/ Cattle Pond	-			-
					Sub Total	3,982.00		3,646.00
19 DISTRICT TOTAL	DoLR & MoRD			Newly Created				
19.1 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Water Conservation	-			-
19.2 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Water Harvesting	-			-
19.3 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Irrigation Canals and Drains	-			-
19.4 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Providing Infrastructure for Irrigation	-			-
19.5 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Land Development	-			-
					Sub Total	-		-
20 DISTRICT TOTAL	DoLR & MoRD			Renovation				
20.1 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Renovation of WB - desilting	-			-
20.2 DISTRICT TOTAL	DoLR & MoRD		Watershed Development	Renovation and Maint. Irrigation Canals		515.00	5.00	325.00
					Sub Total	515.00		325.00
21 DISTRICT TOTAL				State Planned Scheme of Irrigation				
21.1 DISTRICT TOTAL	State Irrigation Department	Others		Major Irrigation	-			-
21.2 DISTRICT TOTAL	State Irrigation Department	Others		Medium Irrigation	-			-
21.3 DISTRICT TOTAL	State Irrigation Department	Others		Surface Irrigation	-			-
22 DISTRICT TOTAL	State Irrigation Department	Others		Capacity Building	-			-
23 DISTRICT TOTAL	State Irrigation Department	Others		Dryland Horticulture		4,759.00	5.00	1,190.00
24 DISTRICT TOTAL	State Irrigation Department	Others		Drinking Water Supply/afforestation etc		11,092.00	5.00	23,062.00
25 DISTRICT TOTAL	State Irrigation Department	Others		STP & Others	-			23,457.00
					Sub Total	15,851.00		47,709.00
					Grand Total	131,220.00		421,613.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - CHIKKAMAGALURU TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	CHIKMAGALUR TALUK	MoWR	AIBP	Major Irrigation			-	
2	CHIKMAGALUR TALUK	MoWR	AIBP	Medium Irrigation		485.00	5.00	374.83
3	CHIKMAGALUR TALUK	MoWR	AIBP	Surface Minor Irrigation		3316		9,041.00
Sub Total						3,801.00		9,415.83
4	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Lift Irrigation - Malalur				
5	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Ground Water Development				-
6	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies		2,521.00		2,030.00
Sub Total						-		2,030.00
7 CHIKMAGALUR TALUK				Construction of Field Channels				
7.1	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Lined Field Channels		-		-
7.2	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				-
Sub Total						-		-
8	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Micro Irrigation			5.00	45.17
8.1	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Seepage Drains (UGD)				-
8.2	CHIKMAGALUR TALUK	MoWR	Har Khet ko Pani	Land Reclamation				-
Sub Total						-		45.17
9	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		4,600.00	5.00	811.00
11	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip				
12	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	CHIKMAGALUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						4,600.00		811.00
17 CHIKMAGALUR TALUK				Newly Created Water Harvest Structures				
17.1	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Check Dams		70.00	5.00	650.00
17.3	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		1,000.00	5.00	30.00
17.5	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		500.00	5.00	50.00
17.6	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						1,570.00		730.00
						9,971.00		13,032.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - CHIKKAMAGALURU TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						9,971.00		13,032.00
18 CHIKMAGALUR TALUK		DoLR & MoRD	Renovated Water Harvest Structures					
18.1	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		-	-	-
18.5	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
19 CHIKMAGALUR TALUK		DoLR & MoRD	Newly Created					
19.1	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 CHIKMAGALUR TALUK		DoLR & MoRD	Renovation					
20.1	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	CHIKMAGALUR TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 CHIKMAGALUR TALUK			State Planned Scheme of Irrigation					
21.1	CHIKMAGALUR TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	CHIKMAGALUR TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	CHIKMAGALUR TALUK	State Irrigation Department	Others	Surface Irrigation				
22	CHIKMAGALUR TALUK	State Irrigation Department	Others	Capacity Building				
23	CHIKMAGALUR TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	CHIKMAGALUR TALUK	State Irrigation Department	Others	Water Supply			5.00	10,257.00
25	CHIKMAGALUR TALUK	State Irrigation Department	Others	STP for treated Water Urban Bodies			5.00	5,700.00
Sub Total						-		15,957.00
Grand Total						9,971.00		28,989.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - KADURU TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	KADUR TALUK	MoWR	AIBP	Major Irrigation		20,502.00	5.00	112,146.00
2	KADUR TALUK	MoWR	AIBP	Medium Irrigation		1,864.00		10,196.00
3	KADUR TALUK	MoWR	AIBP	Surface Minor Irrigation		4,292.00		9,622.00
Sub Total						26,658.00		131,964.00
4	KADUR TALUK	MoWR	Har Khet ko Pani	Lift Irrigation				
5	KADUR TALUK	MoWR	Har Khet ko Pani	Ground Water Development				
6	KADUR TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies		325.00		270.00
Sub Total						325.00		270.00
7 KADUR TALUK				Construction of Field Channels				
7.1	KADUR TALUK	MoWR	Har Khet ko Pani	Lined Field Channels		-	5.00	-
7.2	KADUR TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	KADUR TALUK	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	KADUR TALUK	MoWR	Har Khet ko Pani	Seepage Drains- UGD		-	5.00	-
8.2	KADUR TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		5,040.00	5.00	889.00
11	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip				
12	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	KADUR TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						5,040.00		889.00
17 KADUR TALUK		DoLR & MoRD		Newly Created Water Harvest Structures				
17.1	KADUR TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	KADUR TALUK	DoLR & MoRD	Watershed Development	Check Dams		-	5.00	-
17.3	KADUR TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	KADUR TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		-	5.00	-
17.5	KADUR TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
17.6	KADUR TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
						32,023.00		133,123.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - KADURU TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						32,023.00		133,123.00
18 KADUR TALUK		DoLR & MoRD	Renovated Water Harvest Structures					
18.1	KADUR TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	KADUR TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	KADUR TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	KADUR TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		-	-	-
18.5	KADUR TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	KADUR TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
19 KADUR TALUK		DoLR & MoRD	Newly Created					
19.1	KADUR TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	KADUR TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	KADUR TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	KADUR TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	KADUR TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 KADUR TALUK		DoLR & MoRD	Renovation					
20.1	KADUR TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	KADUR TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 KADUR TALUK			State Planned Scheme of Irrigation					
21.1	KADUR TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	KADUR TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	KADUR TALUK	State Irrigation Department	Others	Surface Irrigation				
22	KADUR TALUK	State Irrigation Department	Others	Capacity Building				
23	KADUR TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	KADUR TALUK	State Irrigation Department	Others	Water Supply (Kadur+ Birur)			5.00	2,138.00
25	KADUR TALUK	State Irrigation Department	Others	Miscellaneous / Unplanned			5.00	3,439.00
Sub Total						-		5,577.00
Grand Total						32,023.00		138,700.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - KOPPA TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	KOPPA TALUK	MoWR	AIBP	Major Irrigation			-	
2	KOPPA TALUK	MoWR	AIBP	Medium Irrigation			-	
3	KOPPA TALUK	MoWR	AIBP	Surface Minor Irrigation		502.00		840.00
Sub Total						502.00		840.00
4	KOPPA TALUK	MoWR	Har Khet ko Pani	Lift Irrigation				
5	KOPPA TALUK	MoWR	Har Khet ko Pani	Ground Water Development				
6	KOPPA TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						-		-
7 KOPPA TALUK				Construction of Field Channels				
7.1	KOPPA TALUK	MoWR	Har Khet ko Pani	Lined Field Channels				
7.2	KOPPA TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	KOPPA TALUK	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	KOPPA TALUK	MoWR	Har Khet ko Pani	Seepage Drains UGD				
8.2	KOPPA TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		3,083.00	5.00	544.00
11	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip				
12	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	KOPPA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						3,083.00		544.00
17 KOPPA TALUK				Newly Created Water Harvest Structures				
17.1	KOPPA TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	KOPPA TALUK	DoLR & MoRD	Watershed Development	Check Dams		80.00	5.00	700.00
17.3	KOPPA TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	KOPPA TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		1,200.00	5.00	36.00
17.5	KOPPA TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		600.00	5.00	60.00
17.6	KOPPA TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						1,880.00		796.00
						5,465.00		2,180.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - KOPPA TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						5,465.00		2,180.00
18	KOPPA TALUK	DoLR & MoRD		Renovated Water Harvest Structures				
18.1	KOPPA TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	KOPPA TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	KOPPA TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	KOPPA TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		396.00	5.00	350.00
18.5	KOPPA TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	KOPPA TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						396.00		350.00
19	KOPPA TALUK	DoLR & MoRD		Newly Created				
19.1	KOPPA TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	KOPPA TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	KOPPA TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	KOPPA TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	KOPPA TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20	KOPPA TALUK	DoLR & MoRD		Renovation				
20.1	KOPPA TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	KOPPA TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21	KOPPA TALUK			State Planned Scheme of Irrigation				
21.1	KOPPA TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	KOPPA TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	KOPPA TALUK	State Irrigation Department	Others	Surface Irrigation				
22	KOPPA TALUK	State Irrigation Department	Others	Capacity Building				
23	KOPPA TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	KOPPA TALUK	State Irrigation Department	Others	Energy Audits/ Replacements				
25	KOPPA TALUK	State Irrigation Department	Others	Miscellaneous / Unplanned			5.00	1,250.00
Sub Total						-		1,250.00
Grand Total						5,861.00		3,780.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - MUDIGERE TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	MUDIGERE TALUK	MoWR	AIBP	Major Irrigation		-	-	-
2	MUDIGERE TALUK	MoWR	AIBP	Medium Irrigation		-	-	-
3	MUDIGERE TALUK	MoWR	AIBP	Surface Minor Irrigation		1,355.00		1,530.00
Sub Total						1,355.00		1,530.00
4	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Lift Irrigation				
5	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Ground Water Development				
6	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies		224.00		350.00
Sub Total						224.00		350.00
7 MUDIGERE TALUK				Construction of Field Channels				
7.1	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Lined Field Channels		-		-
7.2	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Seepage Drains UGD				
8.2	MUDIGERE TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		1,616.00	5.00	285.00
11	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		-		-
12	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	MUDIGERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						1,616.00		285.00
17 MUDIGERE TALUK		DoLR & MoRD		Newly Created Water Harvest Structures				
17.1	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Check Dams		-	5.00	-
17.3	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
17.6	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
						3,195.00		2,165.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - MUDIGERE TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						3,195.00		2,165.00
18	MUDIGERE TALUK	DoLR & MoRD		Renovated Water Harvest Structures				
18.1	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
18.5	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
19	MUDIGERE TALUK	DoLR & MoRD		Newly Created				
19.1	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20	MUDIGERE TALUK	DoLR & MoRD		Renovation				
20.1	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	MUDIGERE TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals			5.00	-
Sub Total						-		-
21	MUDIGERE TALUK			State Planned Scheme of Irrigation				
21.1	MUDIGERE TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	MUDIGERE TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	MUDIGERE TALUK	State Irrigation Department	Others	Surface Irrigation				
22	MUDIGERE TALUK	State Irrigation Department	Others	Capacity Building				
23	MUDIGERE TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	MUDIGERE TALUK	State Irrigation Department	Others	Energy Audits/ Replacements				
25	MUDIGERE TALUK	State Irrigation Department	Others	STP for Treated Water			5.00	5,543.00
Sub Total						-		5,543.00
Grand Total						3,195.00		7,708.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - NR PURA TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	N R PURA TALUK	MoWR	AIBP	Major Irrigation				
2	N R PURA TALUK	MoWR	AIBP	Medium Irrigation		2,100.00	5.00	360.83
3	N R PURA TALUK	MoWR	AIBP	Surface Minor Irrigation		413.00		810.00
Sub Total						2,513.00		1,170.83
4	N R PURA TALUK	MoWR	Har Khet ko Pani	Lift Irrigation				-
5	N R PURA TALUK	MoWR	Har Khet ko Pani	Ground Water Development				-
6	N R PURA TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				-
Sub Total						-		-
7 N R PURA TALUK				Construction of Field Channels				
7.1	N R PURA TALUK	MoWR	Har Khet ko Pani	Lined Field Channels				-
7.2	N R PURA TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				-
Sub Total						-		-
8	N R PURA TALUK	MoWR	Har Khet ko Pani	Micro Irrigation			5.00	47.17
8.1	N R PURA TALUK	MoWR	Har Khet ko Pani	Seepage Drains				
8.2	N R PURA TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		47.17
9	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		-		-
11	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip				
12	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler		1,517.00	5.00	268.00
13	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	N R PURA TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						1,517.00		268.00
17 N R PURA TALUK				Newly Created Water Harvest Structures				
17.1	N R PURA TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	N R PURA TALUK	DoLR & MoRD	Watershed Development	Check Dams				
17.3	N R PURA TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	N R PURA TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	N R PURA TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
17.6	N R PURA TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
						4,030.00		1,486.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - NR PURA TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						4,030.00		1,486.00
18 N R PURA TALUK		DoLR & MoRD		Renovated Water Harvest Structures				
18.1	N R PURA TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	N R PURA TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	N R PURA TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	N R PURA TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		262.00		140.00
18.5	N R PURA TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	N R PURA TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						262.00		140.00
19 N R PURA TALUK		DoLR & MoRD		Newly Created				
19.1	N R PURA TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	N R PURA TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	N R PURA TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	N R PURA TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	N R PURA TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 N R PURA TALUK		DoLR & MoRD		Renovation				
20.1	N R PURA TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	N R PURA TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 N R PURA TALUK		DoLR & MoRD		State Planned Scheme of Irrigation				
21.1	N R PURA TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	N R PURA TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	N R PURA TALUK	State Irrigation Department	Others	Surface Irrigation				
22	N R PURA TALUK	State Irrigation Department	Others	Capacity Building				
23	N R PURA TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	N R PURA TALUK	State Irrigation Department	Others	Energy Audits/ Replacements				
25	N R PURA TALUK	State Irrigation Department	Others	Miscellaneous / Unplanned				
Sub Total						-		-
Grand Total						4,292.00		1,626.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - SHRINGERI TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	SRINGERI TALUK	MoWR	AIBP	Major Irrigation				
2	SRINGERI TALUK	MoWR	AIBP	Medium Irrigation				
3	SRINGERI TALUK	MoWR	AIBP	Surface Minor Irrigation		97.00		180.00
Sub Total						97.00		180.00
4	SRINGERI TALUK	MoWR	Har Khet ko Pani	Lift Irrigation				
5	SRINGERI TALUK	MoWR	Har Khet ko Pani	Ground Water Development				
6	SRINGERI TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						-		-
7 SRINGERI TALUK				Construction of Field Channels				
7.1	SRINGERI TALUK	MoWR	Har Khet ko Pani	Lined Field Channels				
7.2	SRINGERI TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	SRINGERI TALUK	MoWR	Har Khet ko Pani	Micro Irrigation		12.00		25.00
8.1	SRINGERI TALUK	MoWR	Har Khet ko Pani	Seepage Drains				
8.2	SRINGERI TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						12.00		25.00
9	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		1,569.00	5.00	277.00
11	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip				
12	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	SRINGERI TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						1,569.00		277.00
17 SRINGERI TALUK				Newly Created Water Harvest Structures				
17.1	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Check Dams				
17.3	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
17.6	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
						1,678.00		482.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - SHRINGERI TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						1,678.00		482.00
18	SRINGERI TALUK	DoLR & MoRD		Renovated Water Harvest Structures				
18.1	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
18.5	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
19	SRINGERI TALUK	DoLR & MoRD		Newly Created				
19.1	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20	SRINGERI TALUK	DoLR & MoRD		Renovation				
20.1	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	SRINGERI TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21	SRINGERI TALUK			State Planned Scheme of Irrigation				
21.1	SRINGERI TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	SRINGERI TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	SRINGERI TALUK	State Irrigation Department	Others	Surface Irrigation				
22	SRINGERI TALUK	State Irrigation Department	Others	Capacity Building				
23	SRINGERI TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	SRINGERI TALUK	State Irrigation Department	Others	Energy Audits/ Replacements				
25	SRINGERI TALUK	State Irrigation Department	Others	Miscellaneous / Unplanned				
Sub Total						-		-
Grand Total						1,678.00		482.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - TARIKERE TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	TARIKERE TALUK	MoWR	AIBP	Major Irrigation		-	5.00	29,400.00
2	TARIKERE TALUK	MoWR	AIBP	Medium Irrigation		25,069.00	5.00	162,578.00
3	TARIKERE TALUK	MoWR	AIBP	Surface Minor Irrigation		2,735.00	5.00	7,028.00
Sub Total						27,804.00		199,006.00
4	TARIKERE TALUK	MoWR	Har Khet ko Pani	Lift Irrigation		1,215.00	5.00	1,000.00
5	TARIKERE TALUK	MoWR	Har Khet ko Pani	Ground Water Development				
6	TARIKERE TALUK	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						1,215.00		1,000.00
7 TARIKERE TALUK				Construction of Field Channels				
7.1	TARIKERE TALUK	MoWR	Har Khet ko Pani	Lined Field Channels		1,000.00	5.00	150.00
7.2	TARIKERE TALUK	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						1,000.00		150.00
8	TARIKERE TALUK	MoWR	Har Khet ko Pani	Micro Irrigation		500.00	5.00	218.00
8.1	TARIKERE TALUK	MoWR	Har Khet ko Pani	Seepage Drains		-		-
8.2	TARIKERE TALUK	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						500.00		218.00
9	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler		4,600.00	5.00	811.00
11	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		-		-
12	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	TARIKERE TALUK	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						4,600.00		811.00
17 TARIKERE TALUK		DoLR & MoRD		Newly Created Water Harvest Structures				
17.1	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Check Dams		-		-
17.3	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
17.6	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
						35,119.00		201,185.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - SHRINGERI TALUK

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						35,119.00		201,185.00
18 TARIKERE TALUK		DoLR & MoRD		Renovated Water Harvest Structures				
18.1	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Check Dams				
18.3	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Percolation Tanks		1,148.00	5.00	1,333.00
18.5	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						1,148.00		1,333.00
19 TARIKERE TALUK		DoLR & MoRD		Newly Created				
19.1	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 TARIKERE TALUK		DoLR & MoRD		Renovation				
20.1	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	TARIKERE TALUK	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 TARIKERE TALUK		DoLR & MoRD		State Planned Scheme of Irrigation				
21.1	TARIKERE TALUK	State Irrigation Department	Others	Major Irrigation				
21.2	TARIKERE TALUK	State Irrigation Department	Others	Medium Irrigation				
21.3	TARIKERE TALUK	State Irrigation Department	Others	Surface Irrigation				
22	TARIKERE TALUK	State Irrigation Department	Others	Capacity Building				
23	TARIKERE TALUK	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	TARIKERE TALUK	State Irrigation Department	Others	Water Supply			5.00	9,313.00
25	TARIKERE TALUK	State Irrigation Department	Others	Miscellaneous / Unplanned			5.00	2,390.00
Sub Total						-		11,703.00
Grand Total						36,267.00		214,221.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - AGRICULTURE DEPARTMENT (PMKSY -WD & MGNREGA)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	Dept Agri - All Taluks	MoWR	AIBP	Major Irrigation	UBP+JH+hh			
2	Dept Agri - All Taluks	MoWR	AIBP	Medium Irrigation				
3	Dept Agri - All Taluks	MoWR	AIBP	Surface Minor Irrigation				
Sub Total						-		-
4	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Lift Irrigation				
5	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Ground Water Development				
6	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						-		-
7 Dept Agri - All Taluks				Construction of Field Channels				
7.1	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Lined Field Channels				
7.2	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Seepage Drains				
8.2	Dept Agri - All Taluks	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler				
11	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		-		-
12	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNRGA				
14	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	Dept Agri - All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						-		-
17 Dept Agri - All Taluks DoLR & MoRD				Newly Created Water Harvest Structures				
17.1	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds		1,550.00	5.00	697.00
17.2	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Check Dams		343.00	5.00	794.00
17.3	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds		2,397.00	5.00	1,576.00
17.4	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		812.00	5.00	1,046.00
17.6	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond		83.00	5.00	373.00
Sub Total						5,185.00		4,486.00
						5,185.00		4,486.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - AGRICULTURE DEPARTMENT (PMKSY -WD & MGNREGA)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						-		4,486.00
18 Dept Agri - All Taluks		DoLR & MoRD	Renovated Water Harvest Structures					
18.1	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Check Dams				
18.3	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks		107.00	5.00	267.00
18.5	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						107.00		267.00
19 Dept Agri - All Taluks		DoLR & MoRD	Newly Created					
19.1	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 Dept Agri - All Taluks		DoLR & MoRD	Renovation					
20.1	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	Dept Agri - All Taluks	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 Dept Agri - All Taluks			State Planned Scheme of Irrigation					
21.1	Dept Agri - All Taluks	State Irrigation Department	Others	Major Irrigation				
21.2	Dept Agri - All Taluks	State Irrigation Department	Others	Medium Irrigation				
21.3	Dept Agri - All Taluks	State Irrigation Department	Others	Surface Irrigation				
22	Dept Agri - All Taluks	State Irrigation Department	Others	Capacity Building				
23	Dept Agri - All Taluks	State Irrigation Department	Others	Dryland Horticulture		4,759.00	5.00	1,190.00
24	Dept Agri - All Taluks	State Irrigation Department	Others	Afforestation		10,898.00	5.00	1,190.00
25	Dept Agri - All Taluks	State Irrigation Department	Others	Miscellaneous / Unplanned/Admin		-	5.00	5,135.00
Sub Total						15,657.00		7,515.00
Grand Total						15,764.00		12,268.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - FOREST DEPARTMENT (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	Forest Dept All Taluks	MoWR	AIBP	Major Irrigation	UBP+JH+hh			
2	Forest Dept All Taluks	MoWR	AIBP	Medium Irrigation				
3	Forest Dept All Taluks	MoWR	AIBP	Surface Minor Irrigation				
Sub Total						-		-
4	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Lift Irrigation				
5	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Ground Water Development				
6	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						-		-
7 Forest Dept All Taluks				Construction of Field Channels				
7.1	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Lined Field Channels				
7.2	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Unlined Field Channels				
Sub Total						-		-
8	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Seepage Drains				
8.2	Forest Dept All Taluks	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler				
11	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		-		-
12	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures				
16	Forest Dept All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						-		-
17 Forest Dept All Taluks		DoLR & MoRD	Newly Created Water Harvest Structures					
17.1	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds				
17.2	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Check Dams		25.00	5.00	200.00
17.3	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds				
17.4	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks		500.00	5.00	15.00
17.5	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		200.00	5.00	20.00
17.6	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						725.00		235.00
						725.00		235.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - FOREST DEPARTMENT (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						725.00		235.00
18 Forest Dept All Taluks		DoLR & MoRD	Renovated Water Harvest Structures					
18.1	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Check Dams				
18.3	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks				
18.5	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						-		-
19 Forest Dept All Taluks		DoLR & MoRD	Newly Created					
19.1	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 Forest Dept All Taluks		DoLR & MoRD	Renovation					
20.1	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	Forest Dept All Taluks	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals				
Sub Total						-		-
21 Forest Dept All Taluks			State Planned Scheme of Irrigation					
21.1	Forest Dept All Taluks	State Irrigation Department	Others	Major Irrigation				
21.2	Forest Dept All Taluks	State Irrigation Department	Others	Medium Irrigation				
21.3	Forest Dept All Taluks	State Irrigation Department	Others	Surface Irrigation				
22	Forest Dept All Taluks	State Irrigation Department	Others	Capacity Building				
23	Forest Dept All Taluks	State Irrigation Department	Others	Insitu Moisture Management Demos				
24	Forest Dept All Taluks	State Irrigation Department	Others	Energy Audits/ Replacements				
25	Forest Dept All Taluks	State Irrigation Department	Others	Miscellaneous / Unplanned				
Sub Total						-		-
Grand Total						725.00		235.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - HORTICULTURE DEPARTMENT (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	Dept. Horti. All Taluks	MoWR	AIBP	Major Irrigation	UBP+JH+hh			
2	Dept. Horti. All Taluks	MoWR	AIBP	Medium Irrigation				
3	Dept. Horti. All Taluks	MoWR	AIBP	Surface Minor Irrigation				
Sub Total						-		-
4	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Lift Irrigation	Being Estimated			
5	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Ground Water Development	Being Estimated			
6	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies	Being Estimated			
Sub Total						-		-
7 Dept. Horti. All Taluks				Construction of Field Channels				
7.1	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Lined Field Channels	Being Estimated			
7.2	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Unlined Field Channels	Being Estimated			
Sub Total						-		-
8	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Micro Irrigation	Being Estimated			
8.1	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Seepage Drains	Being Estimated			
8.2	Dept. Horti. All Taluks	MoWR	Har Khet ko Pani	Land Reclamation	Being Estimated			
Sub Total						-		-
9	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip	Being Estimated	5,237.00	5.00	2,329.00
10	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler	Being Estimated			
11	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip	Being Estimated	296.00	5.00	82.00
12	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler	Being Estimated			
13	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA	Being Estimated			
14	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS	Being Estimated			
15	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures	Being Estimated			
16	Dept. Horti. All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines	Being Estimated			
Sub Total						5,533.00		2,411.00
17 Dept. Horti. All Taluks DoLR & MoRD				Newly Created Water Harvest Structures				
17.1	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds	Being Estimated			
17.2	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Check Dams	Being Estimated			
17.3	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds	Being Estimated			
17.4	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks	Being Estimated			
17.5	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure	Being Estimated			
17.6	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond	Being Estimated			
Sub Total						-		-
						5,533.00		2,411.00

CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - HORTICULTURE DEPARTMENT (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						5,533.00		2,411.00
18 Dept. Horti. All Taluks		DoLR & MoRD	Renovated Water Harvest Structures					
18.1	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds	Being Estimated			
18.2	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Check Dams	Being Estimated			
18.3	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds	Being Estimated			
18.4	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks	Being Estimated			
18.5	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure	Being Estimated			
18.6	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond	Being Estimated			
						Sub Total	-	-
19 Dept. Horti. All Taluks		DoLR & MoRD	Newly Created					
19.1	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Water Conservation	Being Estimated			
19.2	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Water Harvesting	Being Estimated			
19.3	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains	Being Estimated			
19.4	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation	Being Estimated			
19.5	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Land Development	Being Estimated			
						Sub Total	-	-
20 Dept. Horti. All Taluks		DoLR & MoRD	Renovation					
20.1	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Renovation of WB - desilting	Being Estimated			
20.2	Dept. Horti. All Taluks	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals	Being Estimated			
						Sub Total	-	-
21 Dept. Horti. All Taluks			State Planned Scheme of Irrigation					
21.1	Dept. Horti. All Taluks	State Irrigation Department	Others	Major Irrigation	Being Estimated			
21.2	Dept. Horti. All Taluks	State Irrigation Department	Others	Medium Irrigation	Being Estimated			
21.3	Dept. Horti. All Taluks	State Irrigation Department	Others	Surface Irrigation	Being Estimated			
22	Dept. Horti. All Taluks	State Irrigation Department	Others	Capacity Building	Being Estimated			
23	Dept. Horti. All Taluks	State Irrigation Department	Others	Insitu Moisture Management Demos	Being Estimated			
24	Dept. Horti. All Taluks	State Irrigation Department	Others	Energy Audits/ Replacements	Being Estimated			
25	Dept. Horti. All Taluks	State Irrigation Department	Others	Miscellaneous / Unplanned	Being Estimated			
						Sub Total	-	-
Grand Total						5,533.00		2,411.00

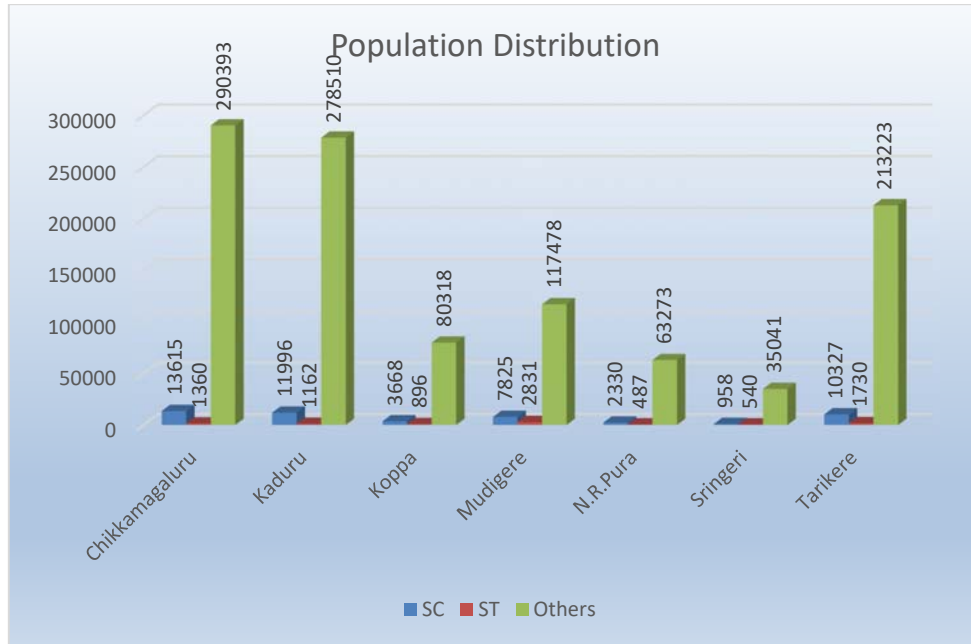
CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - ZILLA PANCHAYATH (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
1	ZP-MGNREGA- All Taluks	MoWR	AIBP	Major Irrigation	UBP+JH+hh			
2	ZP-MGNREGA- All Taluks	MoWR	AIBP	Medium Irrigation				
3	ZP-MGNREGA- All Taluks	MoWR	AIBP	Surface Minor Irrigation				
Sub Total						-		-
4	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Lift Irrigation				
5	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Ground Water Development				
6	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Rejuvenation RR of Water Bodies				
Sub Total						-		-
7 ZP-MGNREGA- All Taluks				Construction of Field Channels				
7.1	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Lined Field Channels				
7.2	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Unlined Field Channels		2,386.00	5.00	1,573.00
Sub Total						2,386.00		1,573.00
8	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Micro Irrigation				
8.1	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Seepage Drains				
8.2	ZP-MGNREGA- All Taluks	MoWR	Har Khet ko Pani	Land Reclamation				
Sub Total						-		-
9	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Drip				
10	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	DPAP Sprinkler				
11	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Drip		-		-
12	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Non DPAP Sprinkler				
13	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Topping Up MNREGA				
14	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Drought Proofing - CDs/WHS				
15	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	Secondary Storage Structures		400.00	5.00	105.00
16	ZP-MGNREGA- All Taluks	MOA & FW-DAC & FW	Per Drop More Crop	On Farm Development / Pipelines				
Sub Total						400.00		105.00
17 ZP-MGNREGA- All Taluks				Newly Created Water Harvest Structures				
17.1	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds		758.00	5.00	975.00
17.2	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Check Dams		168.00	5.00	413.00
17.3	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds		1,715.00	5.00	318.00
17.4	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks				
17.5	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure		-	5.00	5,764.00
17.6	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						2,641.00		7,470.00
						5,427.00		9,148.00

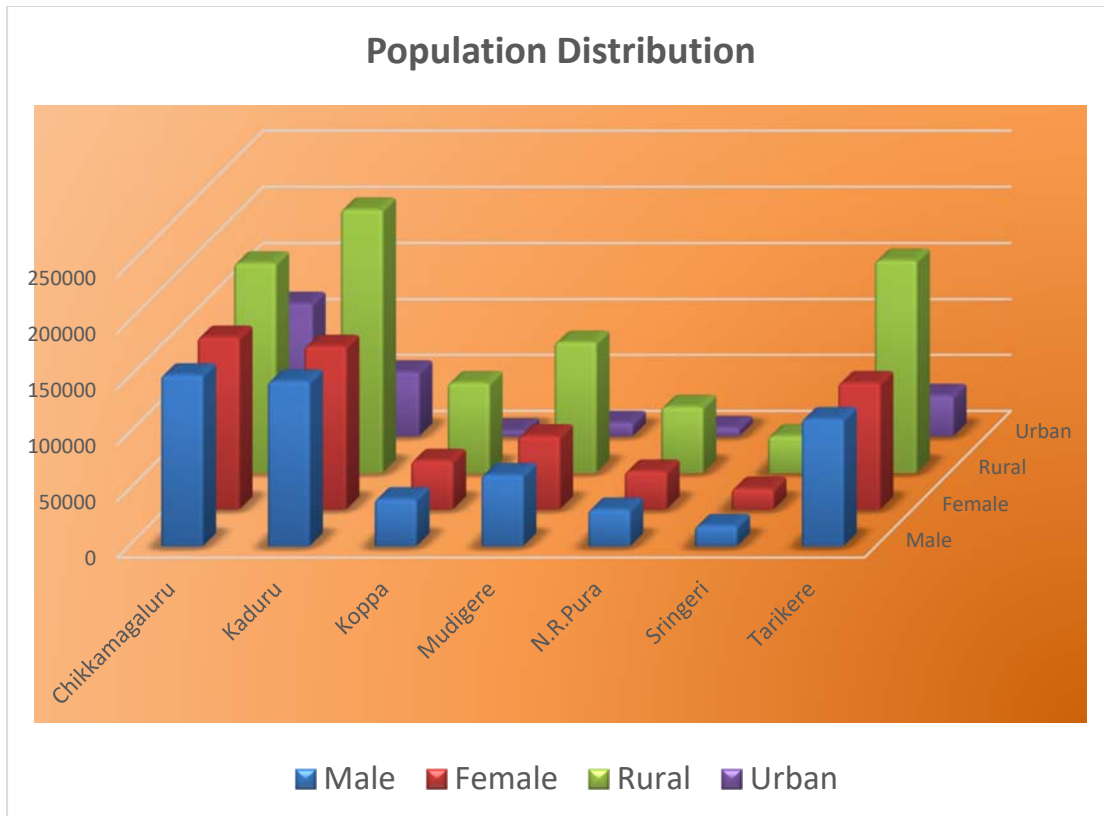
CHIKKAMAGALURU DISTRICT IRRIGATION PLAN - ZILLA PANCHAYATH (UNALLOCATED TO TALUKS)

Sl. No.	Name of the Block	Concerned Ministry	Component	Activity	Total Capacity (Cum)	Command Area Irrigation potential (ha)	Period of Implementation Years	Estimated Cost (Rs. In Lakhs)
Brought Forward from- Page-1						5,427.00		9,148.00
18 ZP-MGNREGA- All Taluks		DoLR & MoRD		Renovated Water Harvest Structures				
18.1	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Farm Ponds				
18.2	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Check Dams				
18.3	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Nala Bunds				
18.4	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Percolation Tanks		2,069.00	5.00	1,556.00
18.5	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Other GW Harvesting Structure				
18.6	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Fish Pond/ Cattle Pond				
Sub Total						2,069.00		1,556.00
19 ZP-MGNREGA- All Taluks		DoLR & MoRD		Newly Created				
19.1	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Water Conservation				
19.2	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Water Harvesting				
19.3	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Irrigation Canals and Drains				
19.4	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Providing Infrastructure for Irrigation				
19.5	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Land Development				
Sub Total						-		-
20 ZP-MGNREGA- All Taluks		DoLR & MoRD		Renovation				
20.1	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Renovation of WB - desilting				
20.2	ZP-MGNREGA- All Taluks	DoLR & MoRD	Watershed Development	Renovation and Maint. Irrigation Canals		515.00	5.00	325.00
Sub Total						515.00		325.00
21 ZP-MGNREGA- All Taluks				State Planned Scheme of Irrigation				
21.1	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Major Irrigation				
21.2	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Medium Irrigation				
21.3	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Surface Irrigation				
22	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Capacity Building				
23	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Dryland Horticulture				
24	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Afforestation		194.00	5.00	164.00
25	ZP-MGNREGA- All Taluks	State Irrigation Department	Others	Miscellaneous / Unplanned				
Sub Total						194.00		164.00
Grand Total						8,205.00		11,193.00

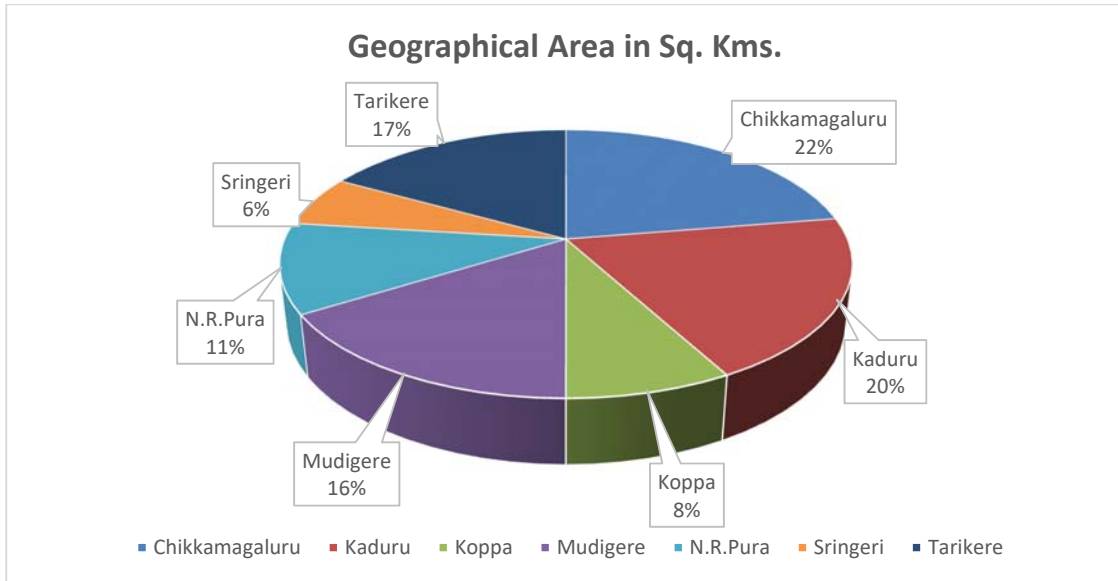
Graph-1: Population of Chikkamagaluru District



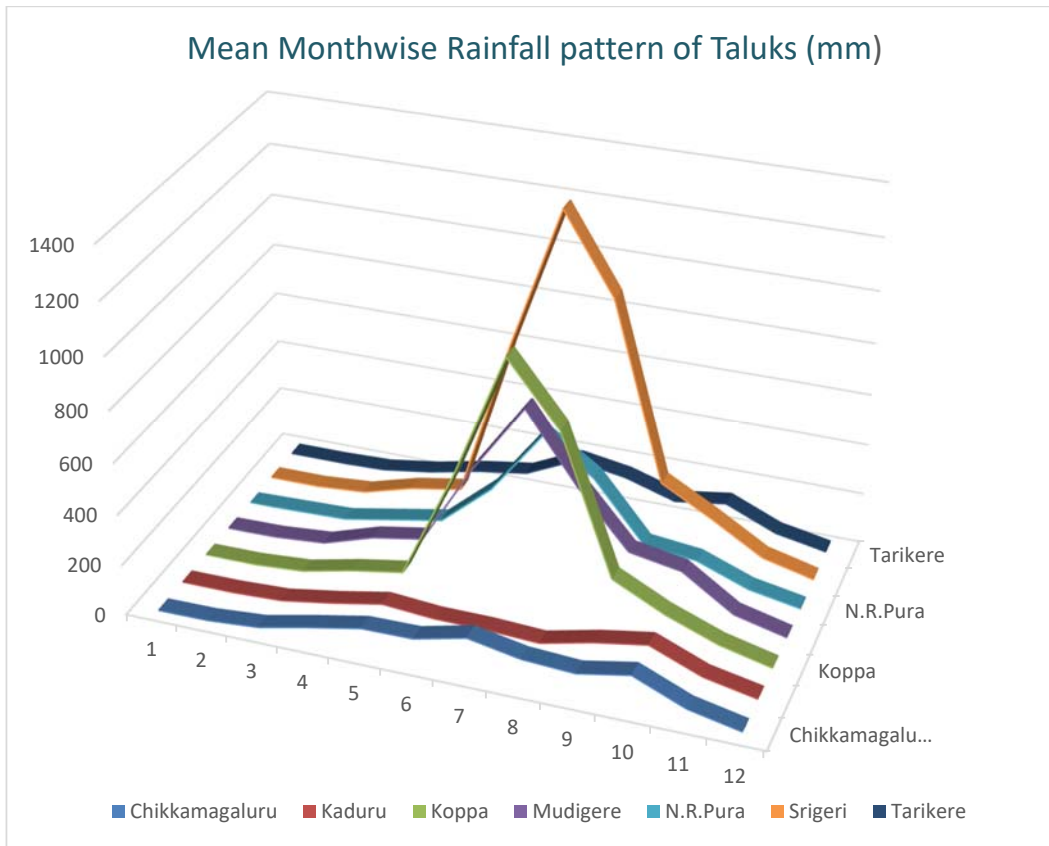
Grasoph-2: Population Distribution –Urban & Rural



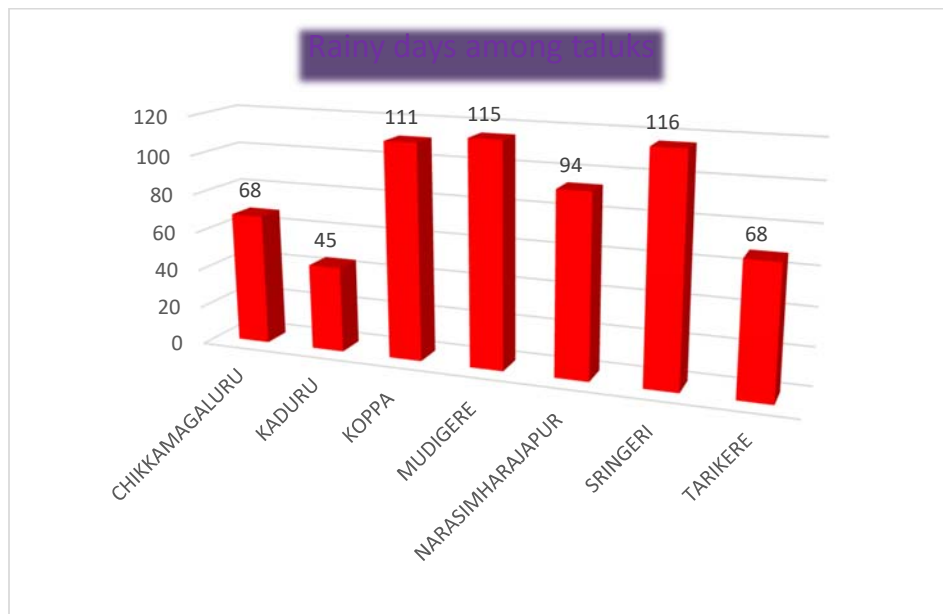
Graph-3: Geographical Area – Distribution Blockwise



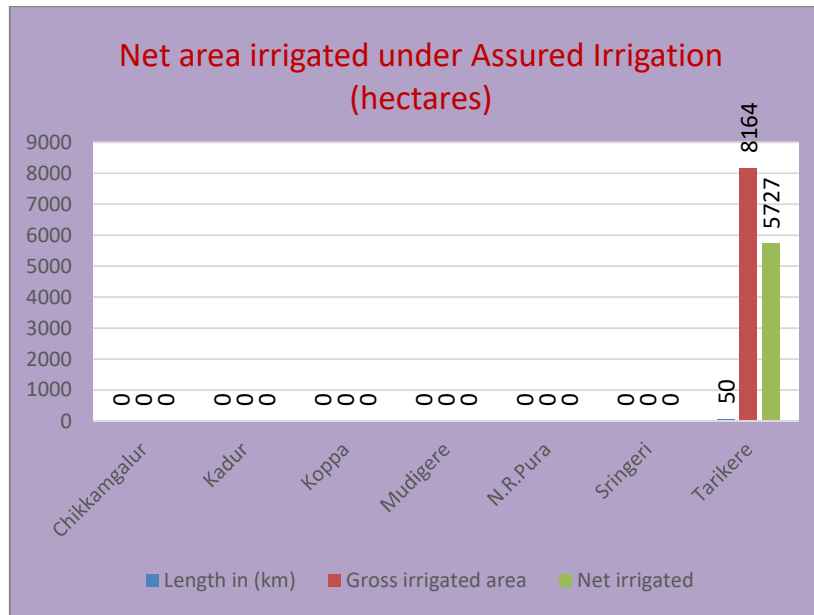
Graph-4: Month-wise Rainfall Pattern in the Chikkamagaluru District



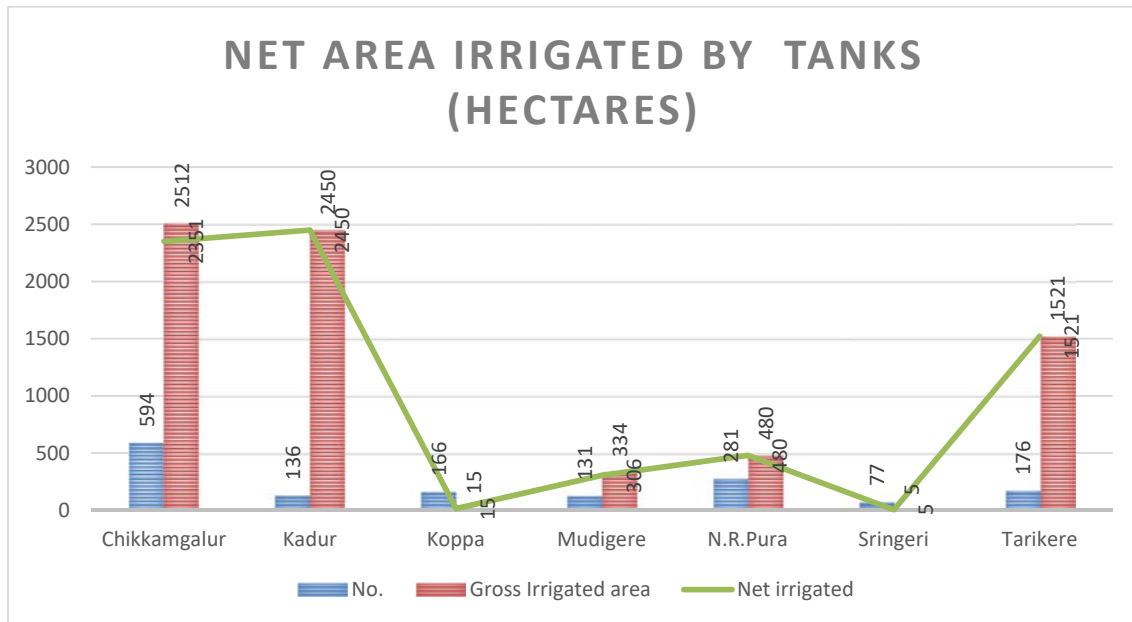
Graph-5: rainy days in Taluks of Chikkamagaluru District



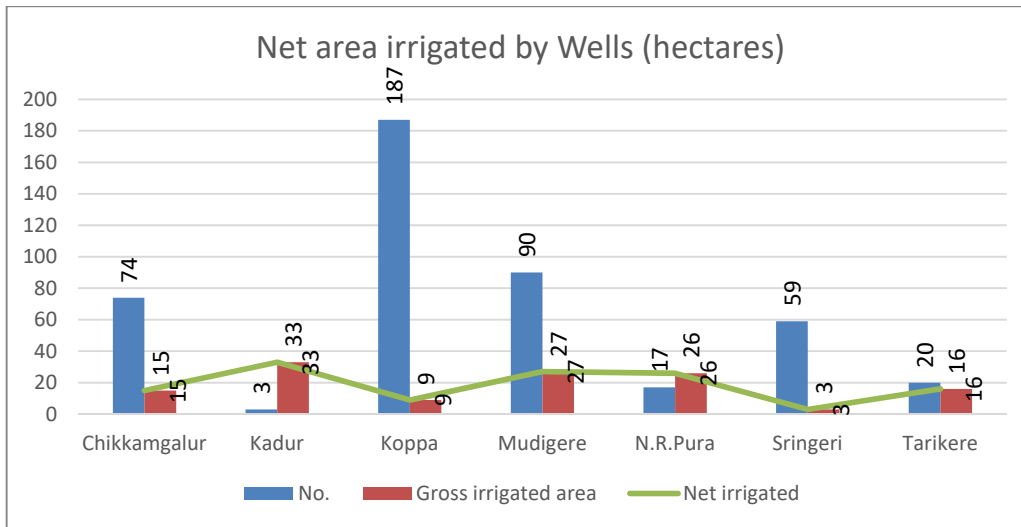
Graph-6: Net Area Irrigated by Canals



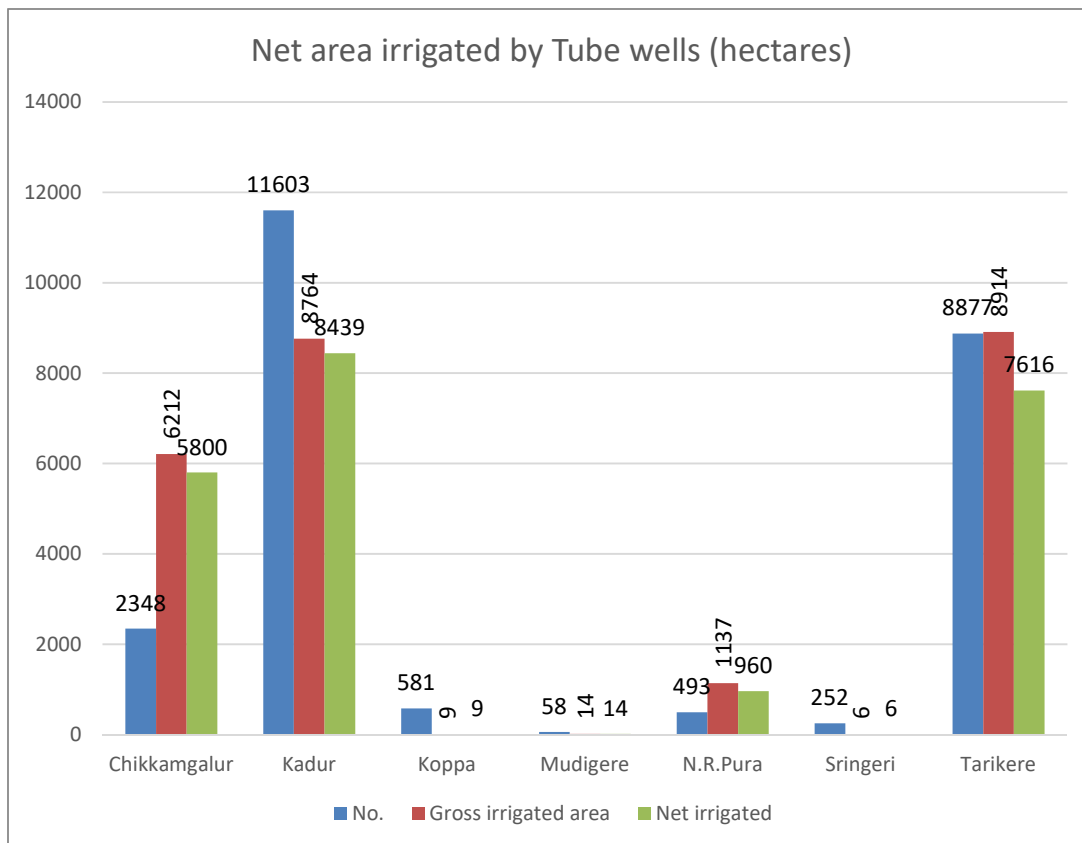
Graph-7: Area Irrigated by Tanks in Chikkamagaluru District



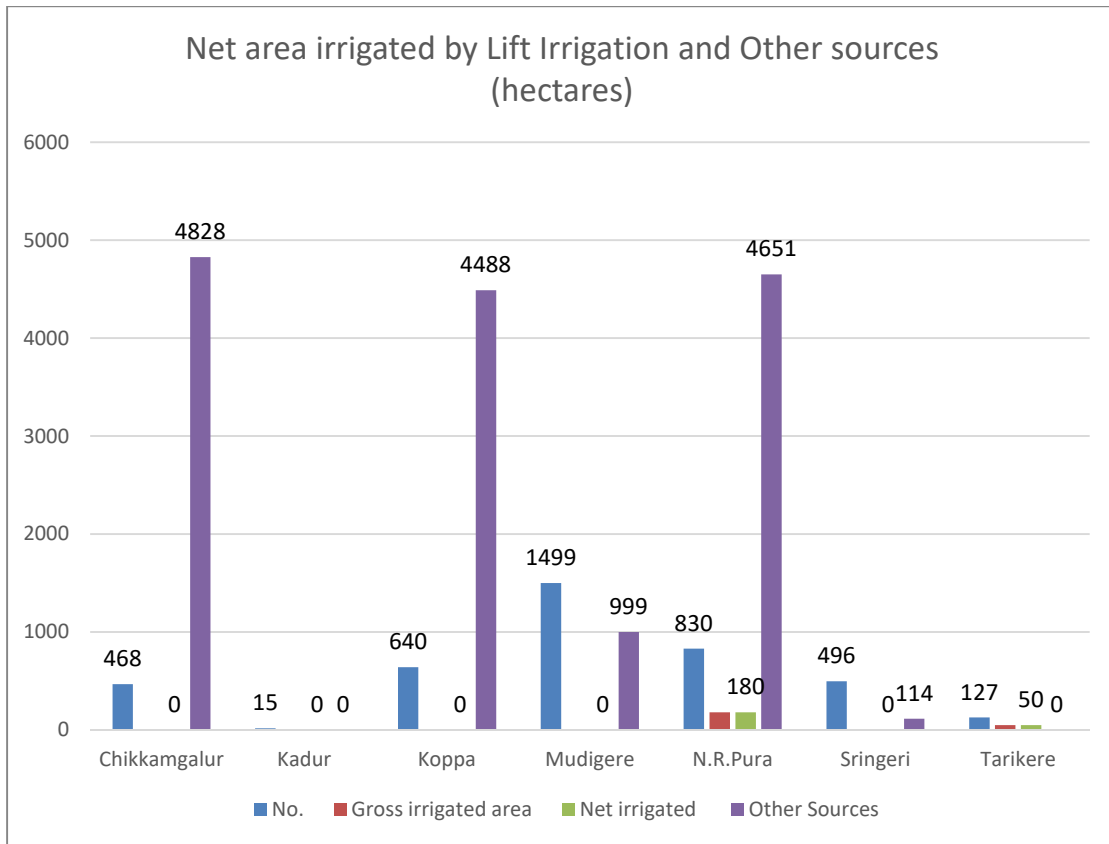
Graph-8: Area Irrigated by Wells



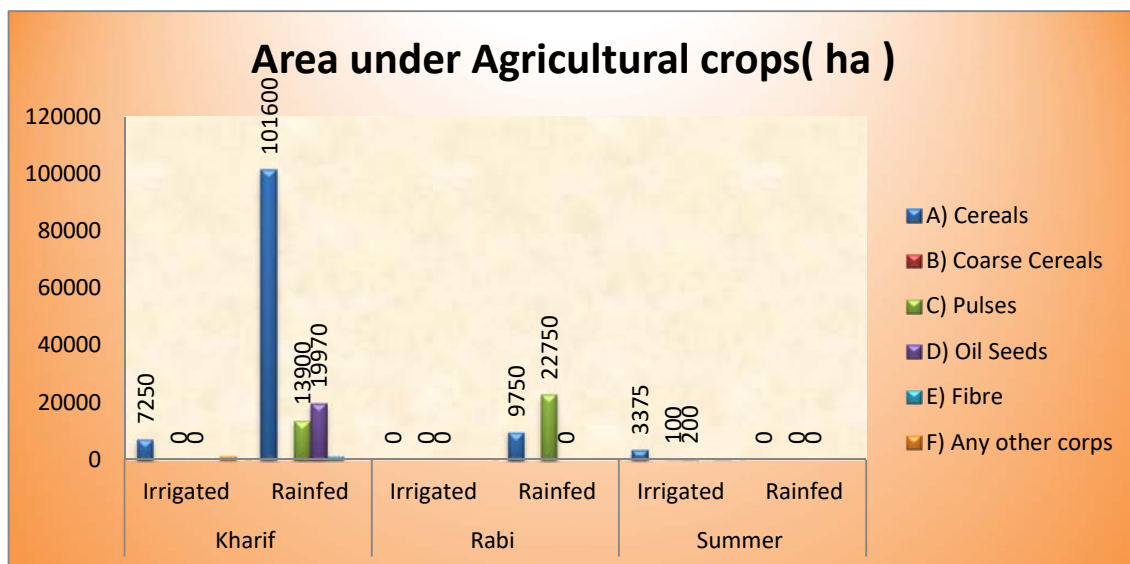
Graph-9: Area Irrigated by Borewells/Tube wells



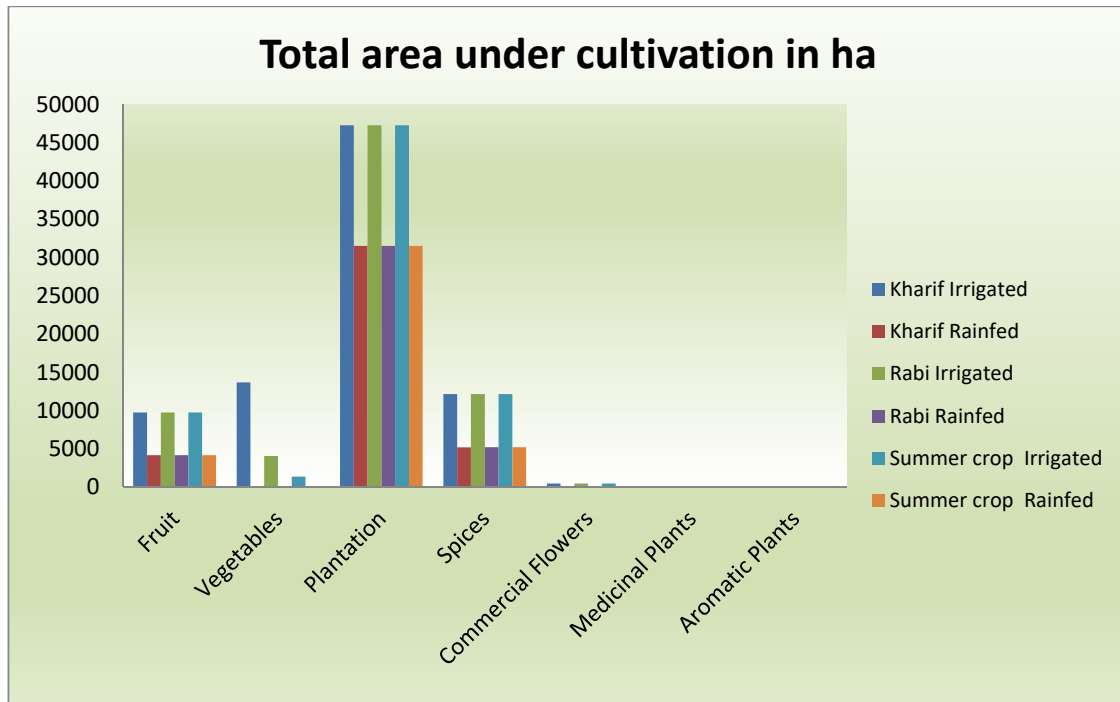
Graph-10: Area Irrigated by Lift irrigation



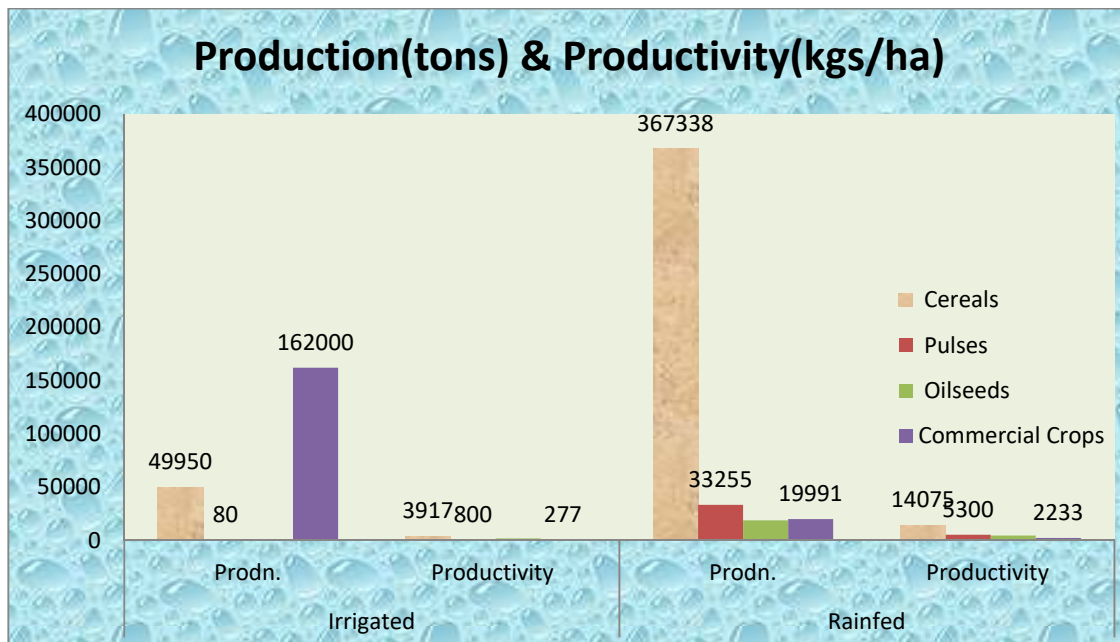
Graph-11: Area under Agricultural Crops



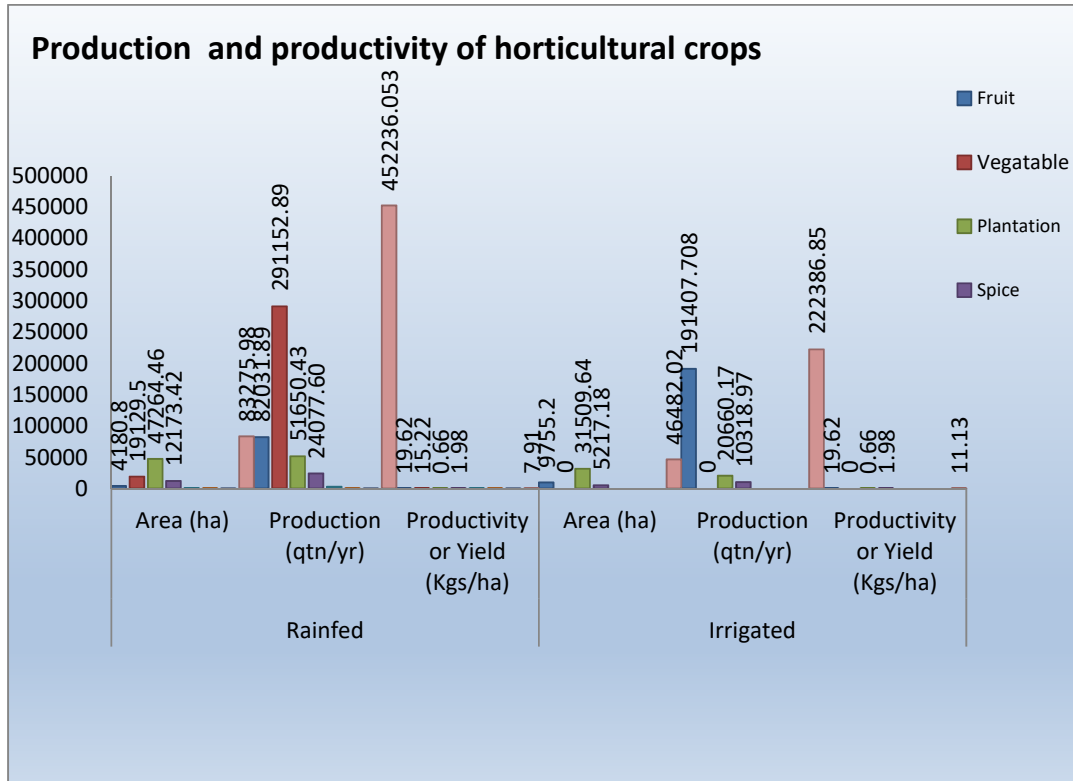
Graph-12: Total Area under Cultivation



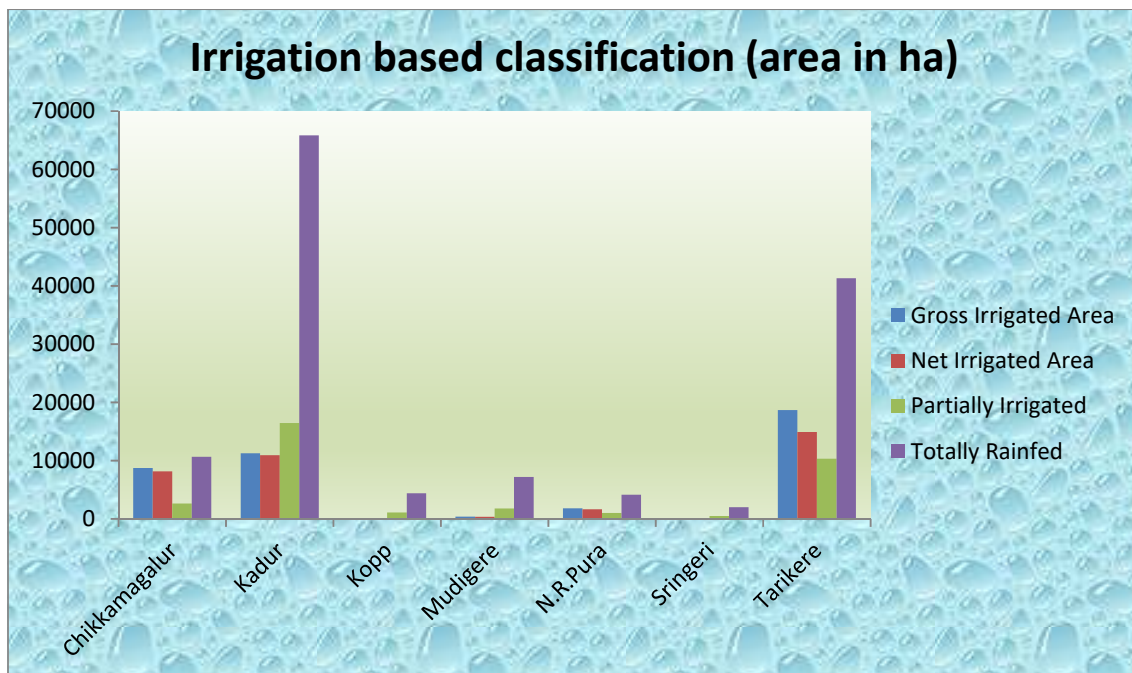
Graph-13: Production and Productivity of Crops



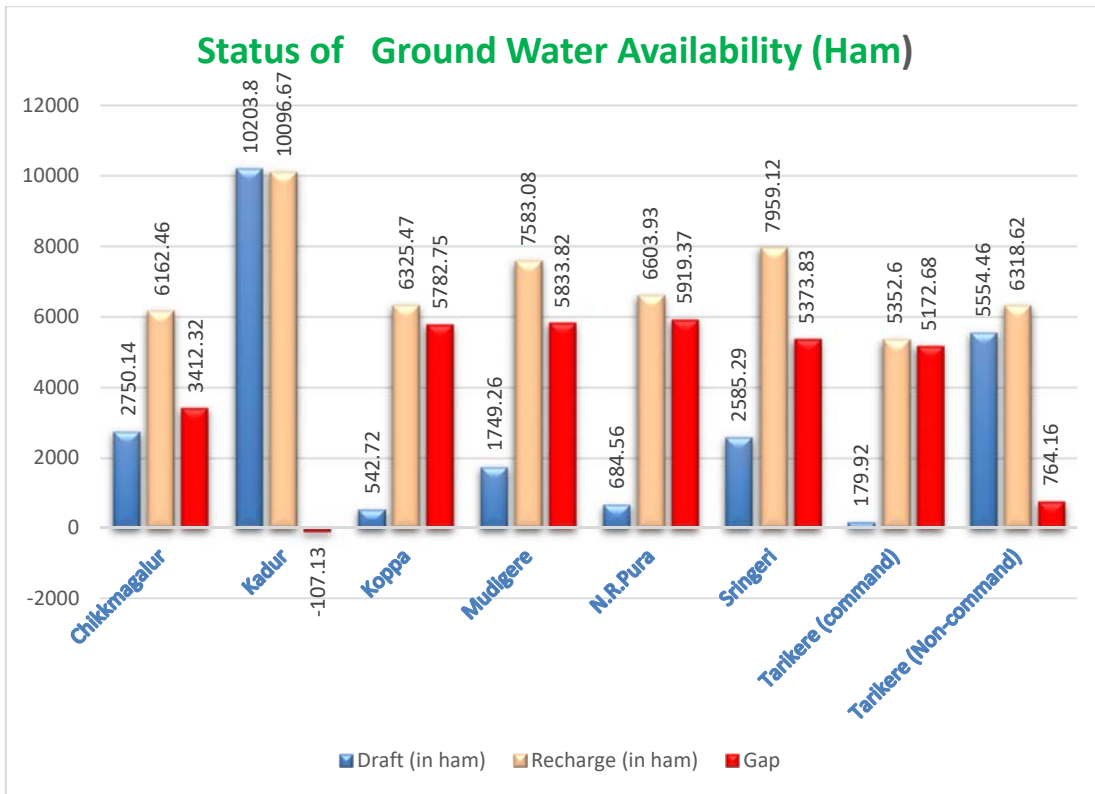
Graph-14: Production and Productivity of Horticulture crops



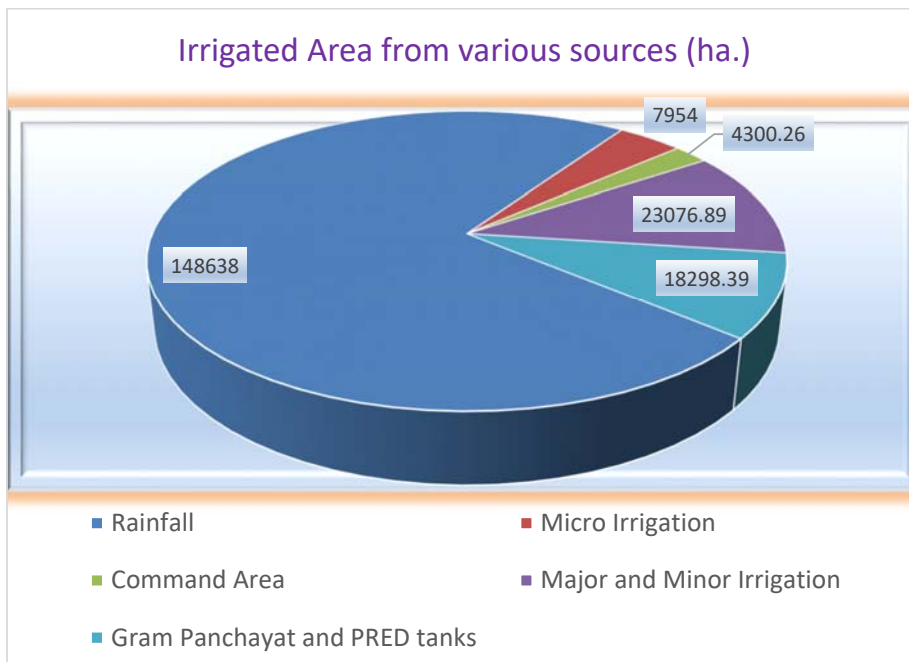
Graph-15: Irrigation Based Classification



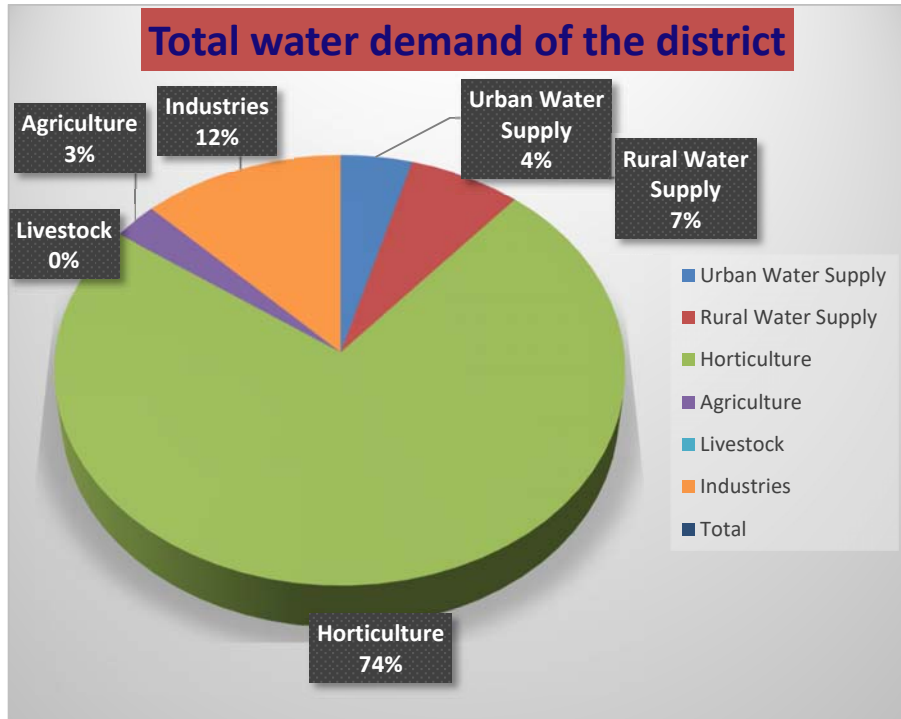
Graph-16: Status of Ground Water Availability



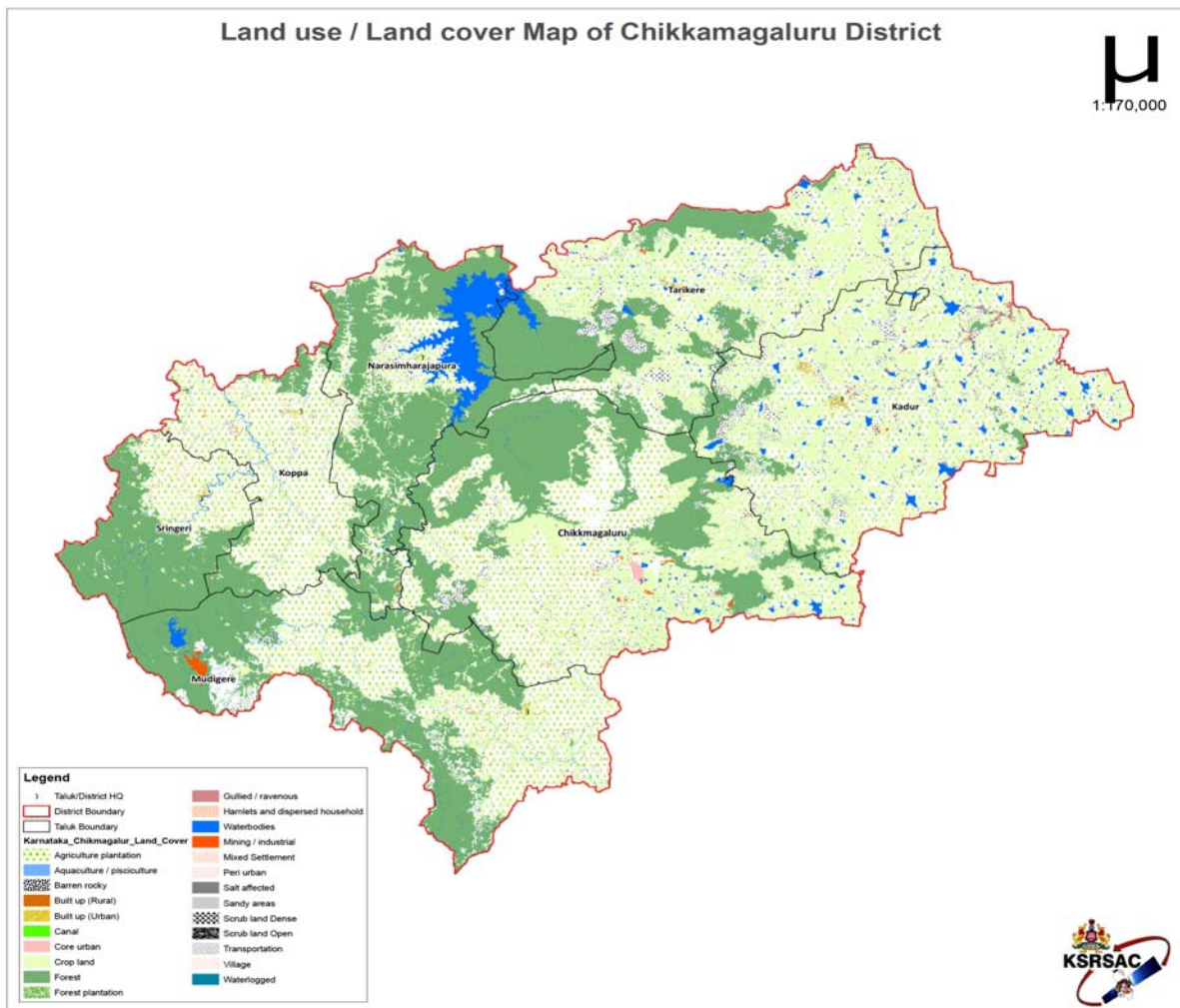
Graph-17: Irrigated Area from Different Sources



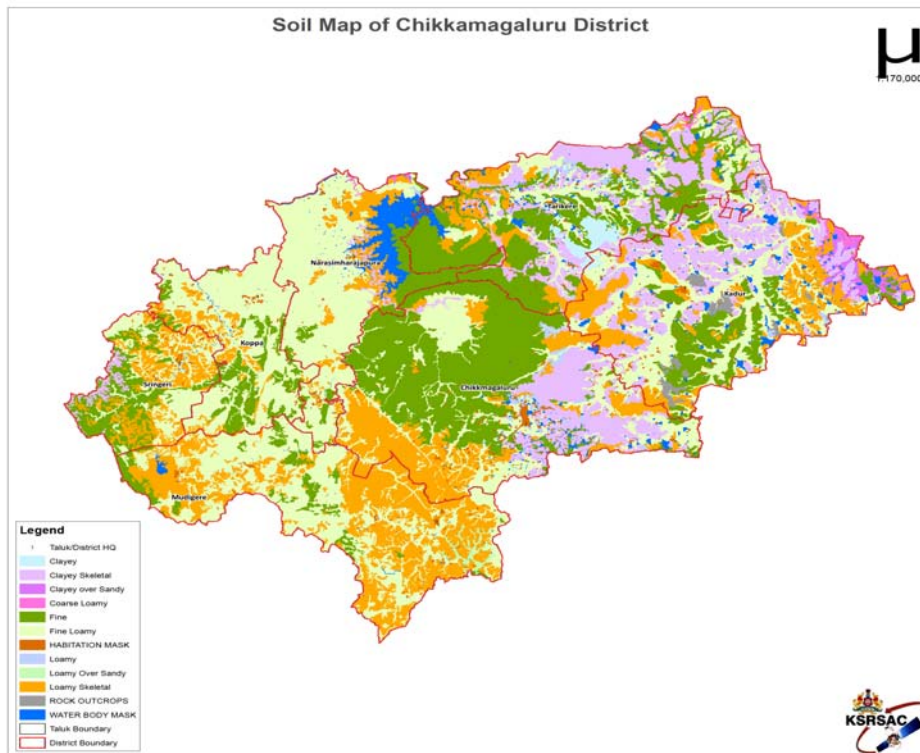
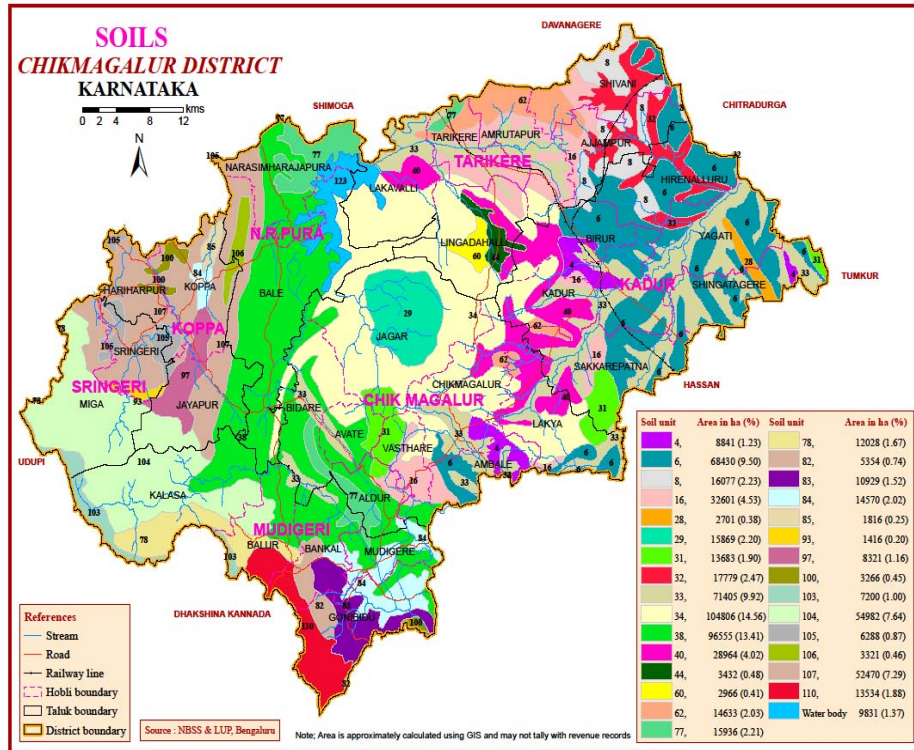
Graph-18: Water Demand In the District



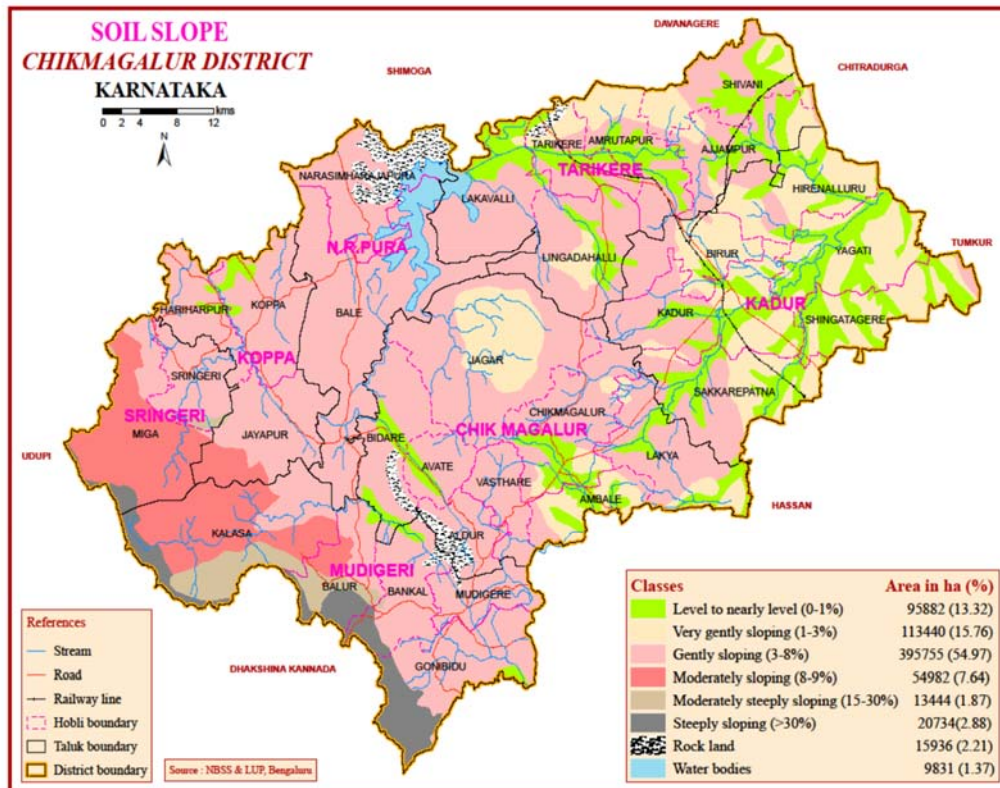
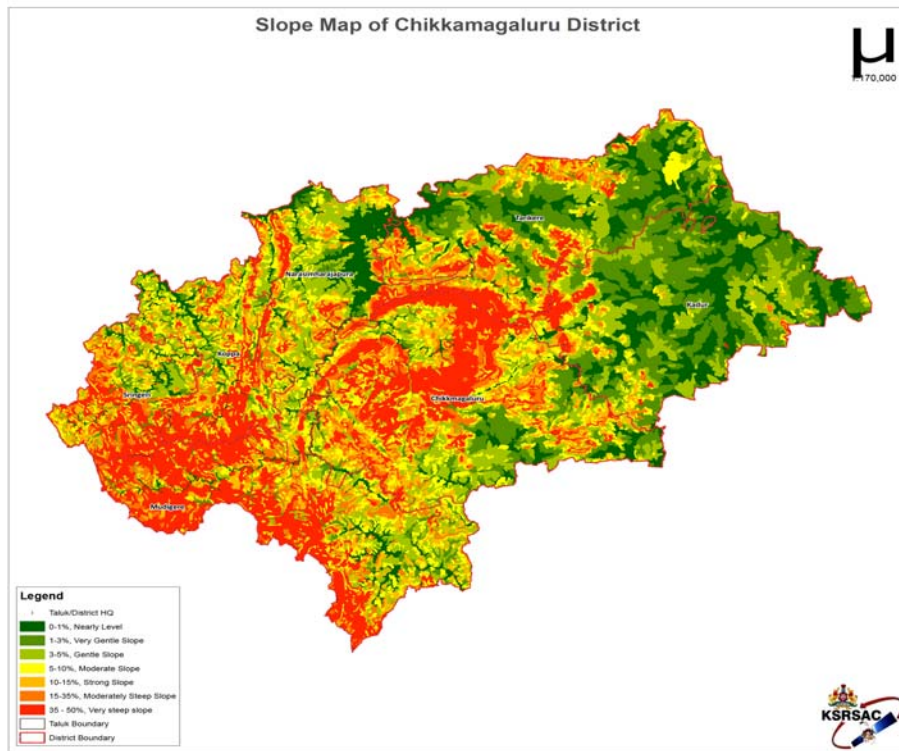
Map-9: Land Use Map of Chikkamagaluru District



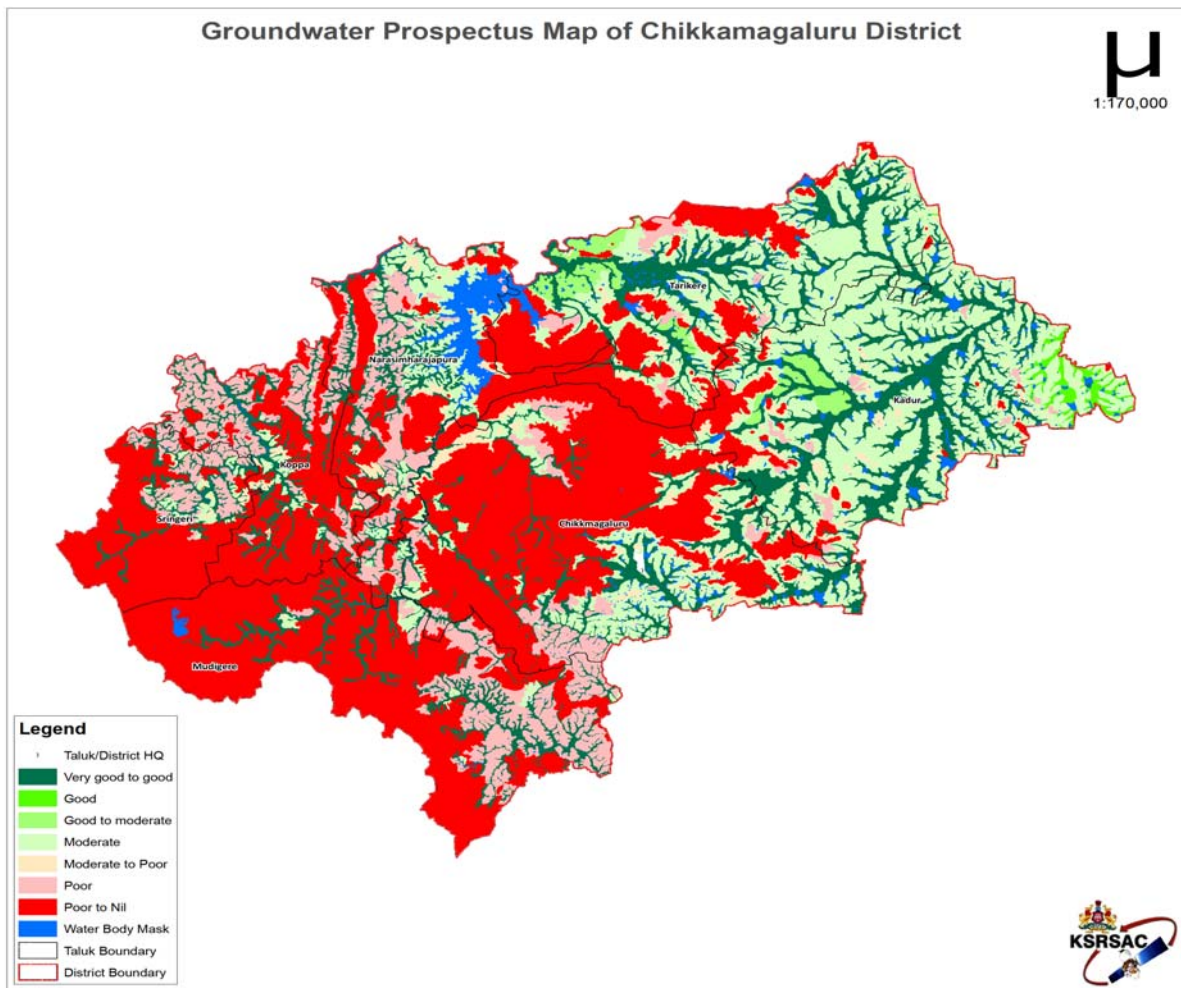
Map-10: Soils of Chikmagalur District



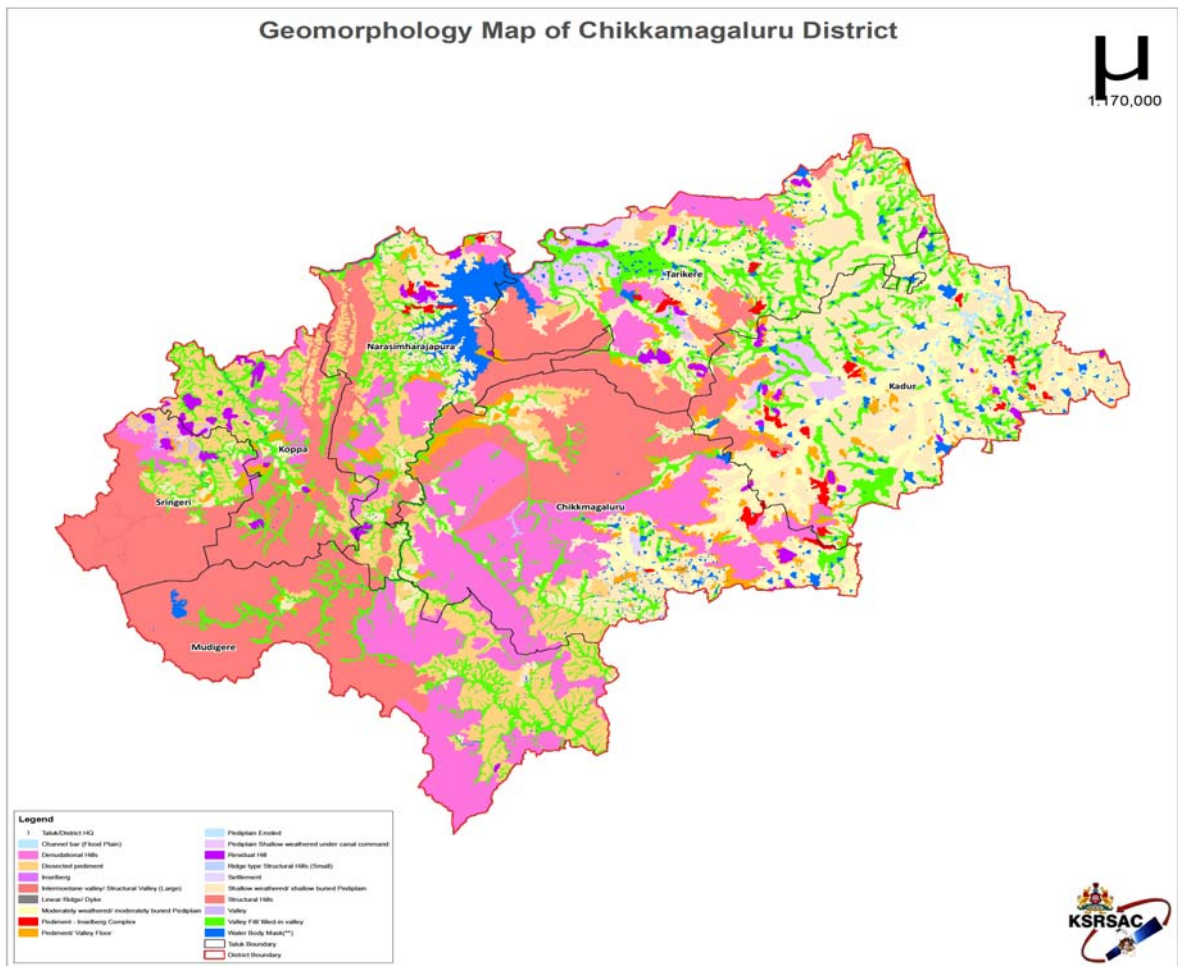
Map-11: Soil Slope of Chikkamagaluru District



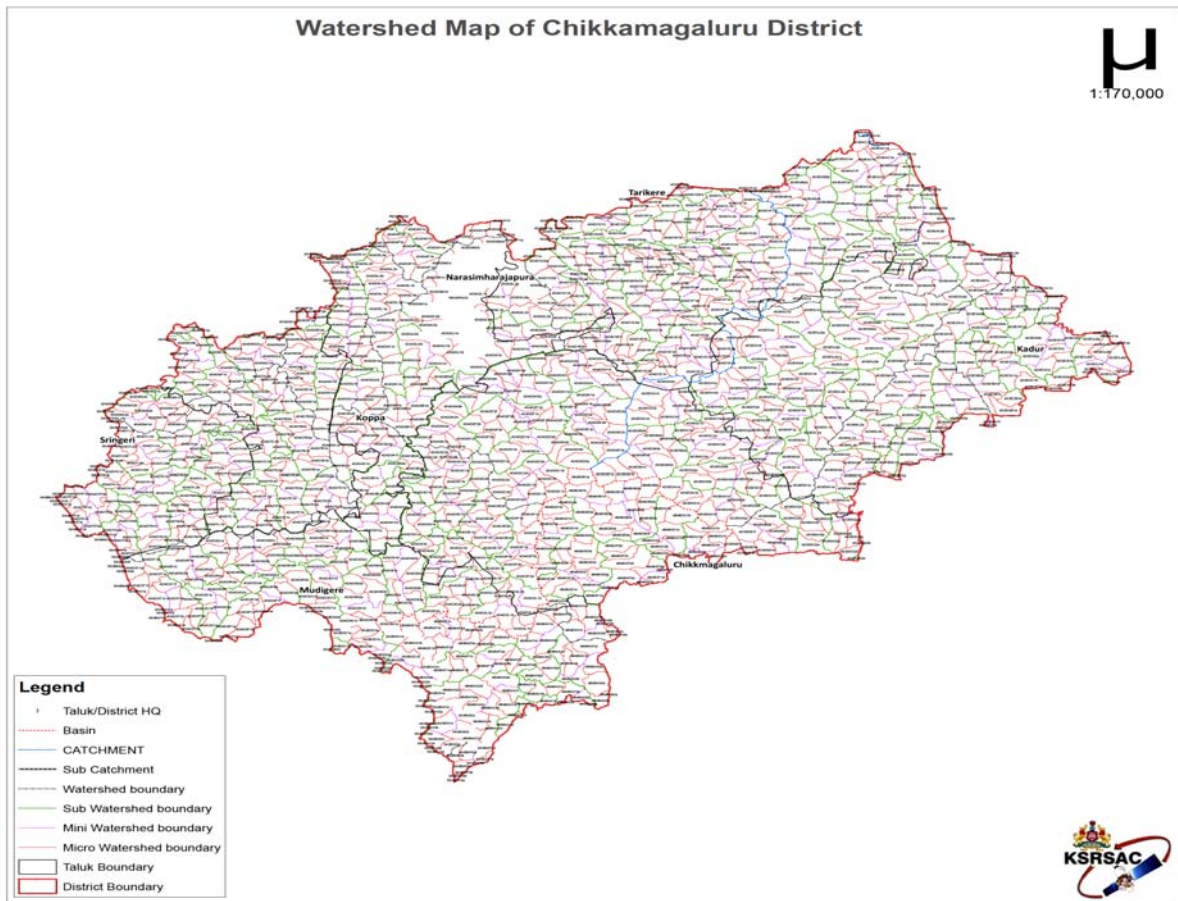
Map-12: Ground Water Prospectus Map of Chikkamagaluru district



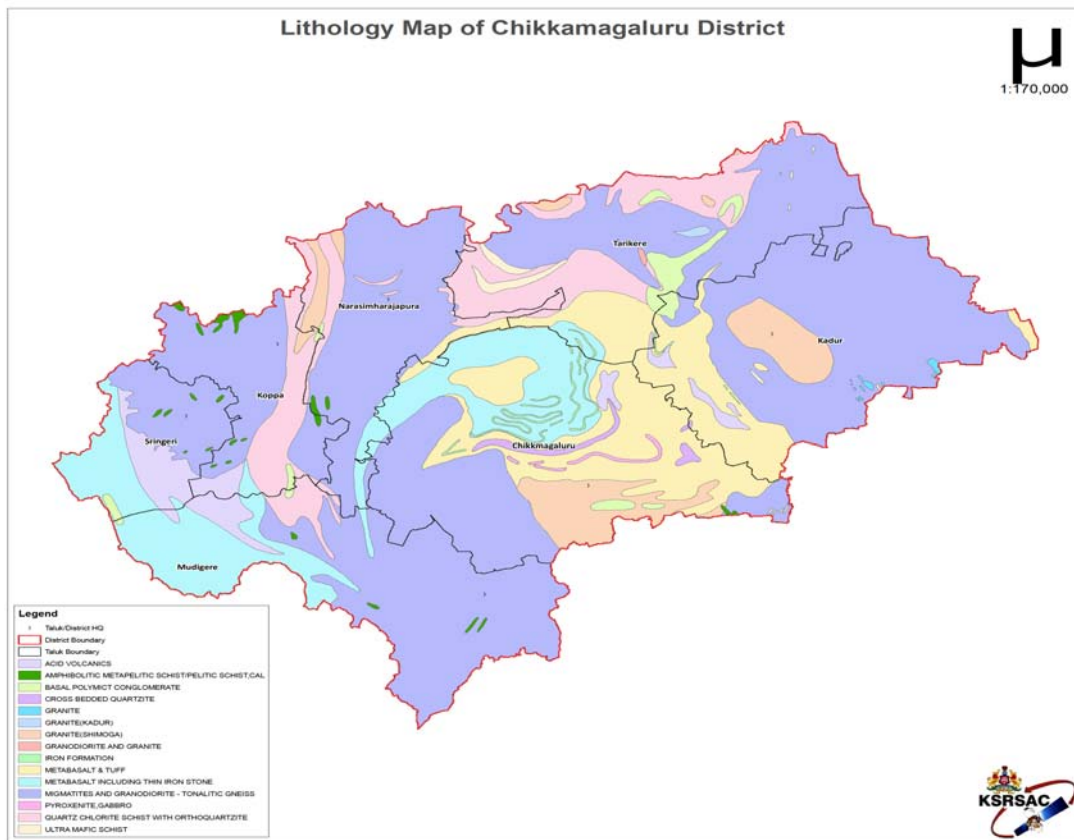
Map-13: Geomorphology of Chikkamagaluru District



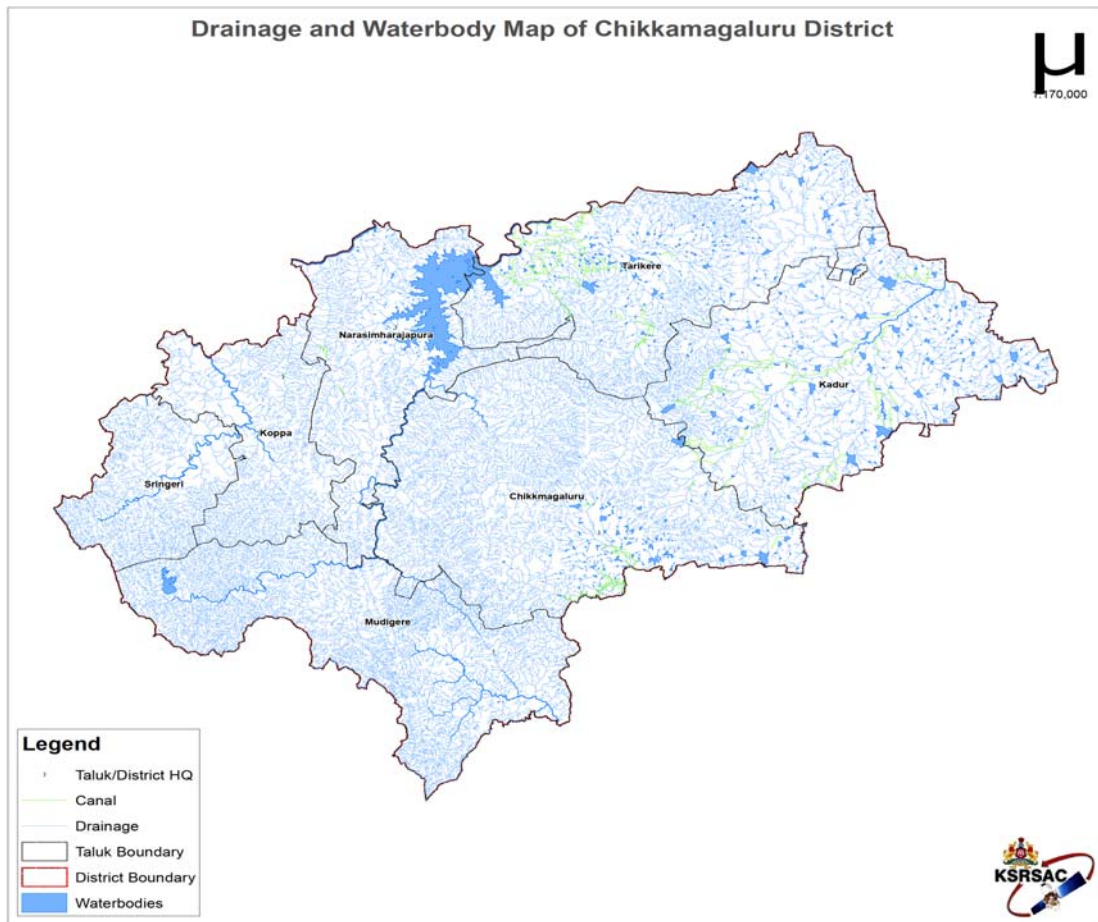
Map-14: Watershed Map of Chikkamagaluru District



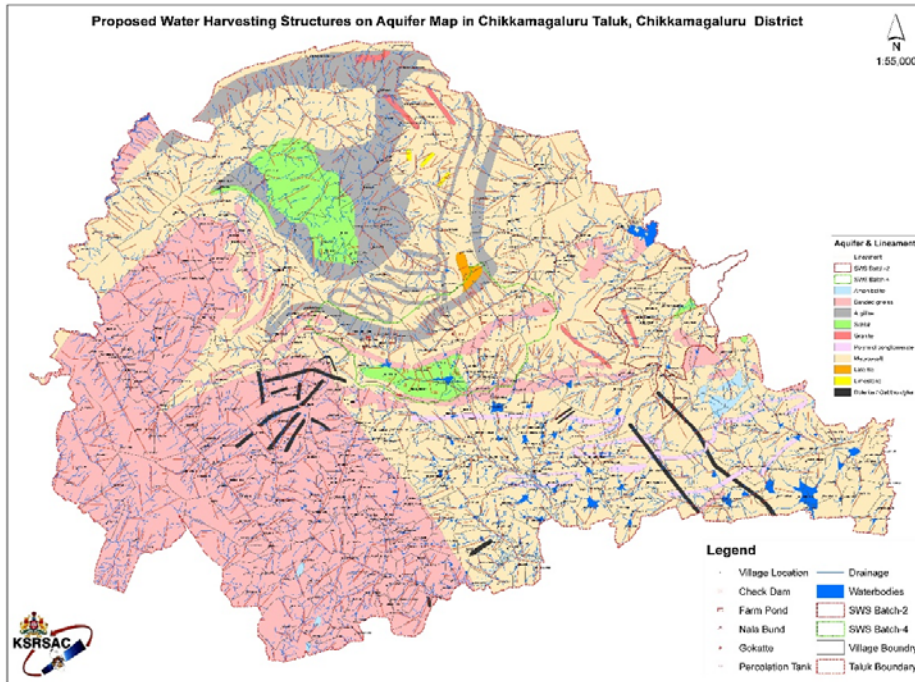
Map-15: Lithology Map of Chikkamagaluru District



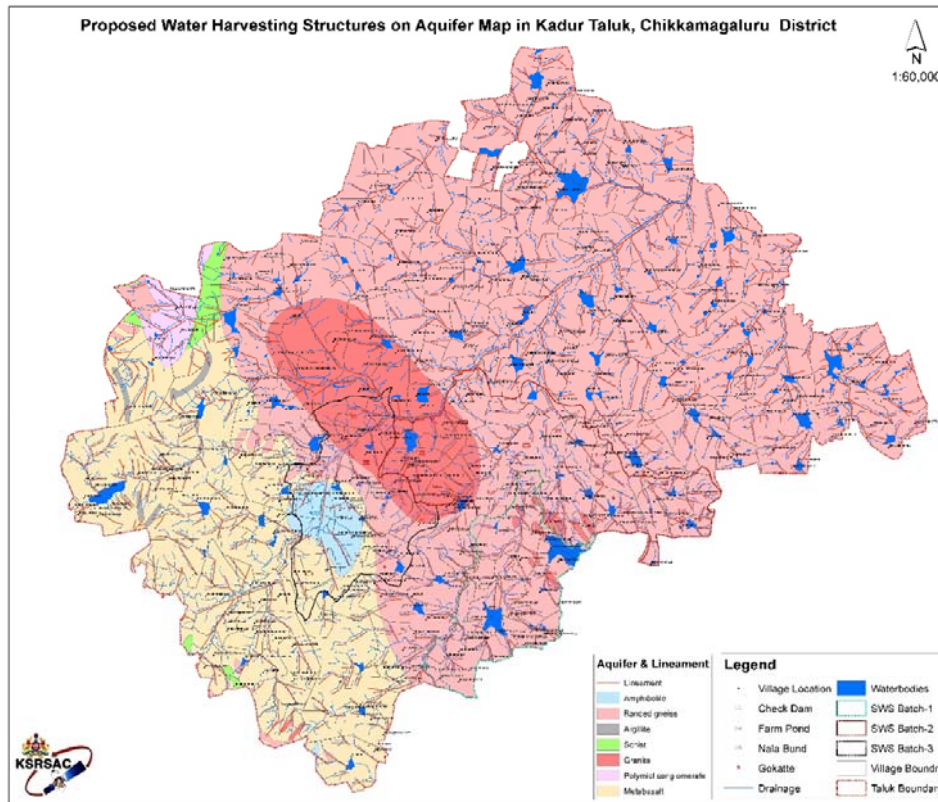
Map-16: Drainage and Waterbodies of Chikkamagaluru district



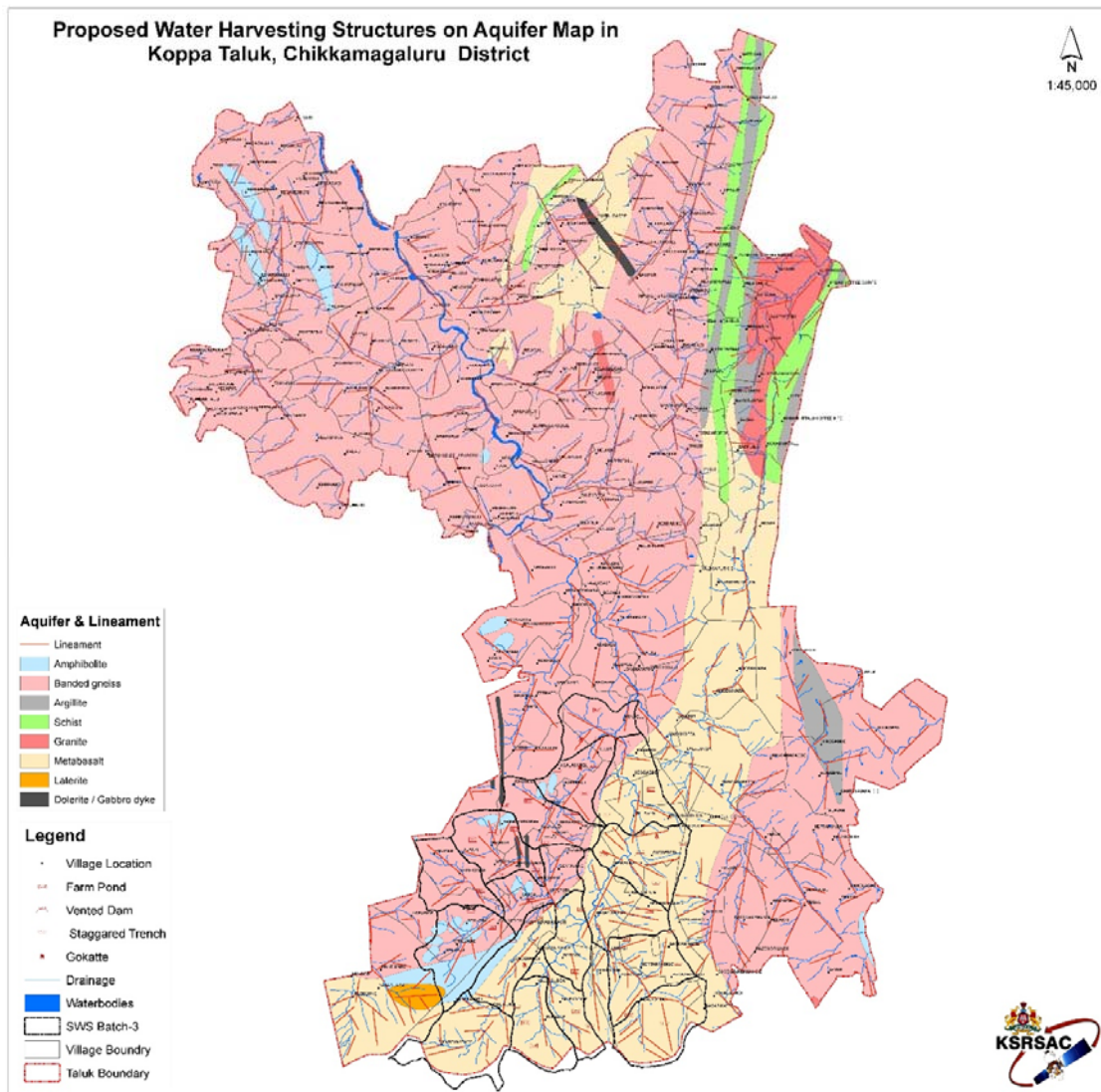
Map-17: Aquifer Map and Proposed Water harvesting Structures of Chikkamagaluru Taluk



Map-10: Aquifer Map and Proposed Water harvesting Structures of Kaduru Taluk



Map-20: Aquifer Map and Proposed Water harvesting Structures of Koppa Taluk



Karnataka Neeravari Nigama Limited – Strategic Action Plan for the District

ABSTRACT							
Sl. No	Taluk	Nature of work	Physical	Financial	Out come		Others
					Area Irrigated	Quantity of water to be Harvested	
2016-17							
1	Tarikere	Lift Irrigation	1 No	0.00	0	-	This work is taken up only after the completion of Hodirayanahalla diversion scheme to Jambadahalla Reservoir Project
2	Tarikere	Field Irrigation Channels	14 Nos	150.00	250	12 Cusecs	
TOTAL				150.00	250	12 Cusecs	
2017-18							
1	Tarikere	Lift Irrigation	1 No	0.00	0	-	This work is taken up only after the completion of Hodirayanahalla diversion scheme to Jambadahalla Reservoir Project
2	Tarikere	Field Irrigation Channels	14 Nos	0.00	0	-	
TOTAL				0.00	0	-	All works completed in 2016-17
2018-19							
1	Tarikere	Lift Irrigation	1 No	330.00	405	11 Cusecs	This work is taken up only after the completion of Hodirayanahalla diversion scheme to Jambadahalla Reservoir Project
2	Tarikere	Field Irrigation Channels	14 Nos	0.00	250	12 Cusecs	
TOTAL				330.00	655	23 Cusecs	All works completed in 2016-17
2019-20							
1	Tarikere	Lift Irrigation	1 No	330.00	405	11 Cusecs	This work is taken up only after the completion of Hodirayanahalla diversion scheme to Jambadahalla Reservoir Project
2	Tarikere	Field Irrigation Channels	14 Nos	0.00	250	12 Cusecs	
TOTAL				330.00	655	23 Cusecs	All works completed in 2016-17
2020-21							
1	Tarikere	Lift Irrigation	1 No	340.00	405	11 Cusecs	This work is taken up only after the completion of Hodirayanahalla diversion scheme to Jambadahalla Reservoir Project
2	Tarikere	Field Irrigation Channels	14 Nos	0.00	250	12 Cusecs	
TOTAL				340.00	655	23 Cusecs	All works completed in 2016-17
GRAND TOTAL FROM 2016-17 TO 2020-21				1150.00	655	23 Cusecs	
Project Total			Lift	1000.00	1215.00		
			Field Channel:	150.00	1000.00		
Assistant Executive Engineer KNNL, No.1.BRLBC Sub division B.R.Project							Executive Engineer KNNL, No.4.BRLBC division Bhadravathi

State Minor Irrigation Department – Strategic Action Plan – Chikkamagaluru Taluk

Chapter V Strategic Action Plan for Irrigation in District Under PMKSY								
Sl No	Name of the Blocks / Sub Districts	Concerned ministry / Department	Component	Activity	Total No / Capacity (Cum)	Camand Area / Irrigatin Potensial (in Ha)	Period of Implementati on (5/7 Yrs)	Estimated Cost (Rs in laks)
1	2	3	4	5	6	7	8	9
CHECK DAM								
1	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across halla near Uddeboranahalli village	60.00	5	100.00
2	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across halla near Kurichikkanahalli village	60.00	5	86.00
3	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Gowri halla near Mallenahalli village in Chickmagalkur taluk	50.00	5	120.00
4	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Gowri halla near Halasabalu village in Chickmagalkur taluk	50.00	5	120.00
5	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Kanchikaranahalli village in Chickmagalur taluk	50.00	5	100.00
6	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across kodihalla near machenahalli laillapurain Chickmagalur taluk	60.00	5	100.00
7	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across gange halla near lakkammanahalli in Chickmagalur taluk	60.00	5	100.00
8	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across gange halla near uddeboranahalli village in Chickmagalur taluk	50.00	5	100.00
9	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across gange halla near Hiregwja village in Chickmagalur taluk	50.00	5	100.00
10	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across gange halla near sadarahalli village in Chickmagalur taluk	50.00	5	120.00
11	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Vaddarahalli, Belavadi G.P. Chickmagalur taluk	10.00	5	15.00
12	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Gungarahalli, Chickmagalur taluk	10.00	5	15.00
13	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Tadabenahalli, Chickmagalur taluk	10.00	5	15.00
14	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Hiregwja village in Chickmagalur taluk	10.00	5	15.00

15	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near padamane village in Chickmagalur taluk	10.00	5	15.00
16	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near doddahalla sindigere village in Chickmagalur taluk	10.00	5	15.00
17	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near chikkahalla sindigere village in Chickmagalur taluk	10.00	5	15.00
18	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near karadimatta sindigere village in Chickmagalur taluk	10.00	5	15.00
19	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near machenahalli village in Chickmagalur taluk	10.00	5	15.00
20	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near nandarakatte Eshwarahalli village in Chickmagalur taluk	10.00	5	15.00
21	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Chikka kalasapura village in Chickmagalur taluk	10.00	5	15.00
22	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near devagondanahalli village in Chickmagalur taluk	10.00	5	15.00
23	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near doddahalla near K.B. Hal in Chickmagalur taluk	10.00	5	15.00
24	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Beeranahalli in Chickmagalur taluk	10.00	5	15.00
25	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Kunnal in Chickmagalur taluk	10.00	5	15.00
26	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near sirbadige in Chickmagalur taluk	10.00	5	15.00
27	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Sirvase in Chickmagalur taluk	10.00	5	15.00
28	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Konkanamane in Chickmagalur taluk	10.00	5	15.00
29	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Siddapura in Chickmagalur taluk	10.00	5	15.00
30	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Hampapura in Chickmagalur taluk	10.00	5	15.00
31	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near kallukere, bikanahalli village in Chickmagalur taluk	10.00	5	15.00
32	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Saganipura village in Chickmagalur taluk	10.00	5	15.00

33	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near indavara village in Chickmagalur taluk	10.00	5	15.00
34	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam and pickup channel to Mullunde halla in balehalli village in Aldur hobli	40.00	5	50.00
35	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to Birangi halla in Madeneralu, Kelagur G.P. Aldur hobli	80.00	5	100.00
36	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to Kelagur halla, Haravinkere, Kelagur G.P. Aldur hobli	30.00	5	25.00
37	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to beregandi halla near beragandi mutt sathihalli village Kelagur G.P. Aldur hobli	30.00	5	50.00
38	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to katteholle halla in Bogase village, Kadavanthi G.P. Avathi hobli	65.00	5	50.00
39	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to Sirgoor halla in Sirgoor village, Byravalli G.P. Avathi hobli	45.00	5	50.00
40	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to Havarehalla in Havare village Bygoor G.P. Avathi hobli	40.00	5	20.00
41	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Checkdam to Gavigadde halla in Gavigadde village Bygoor G.P. Avathi hobli	30.00	5	10.00
Total :-						1130.00		1746.00

TANKS								
1	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Kuruvangi doddakere in Chickmagalur taluk	43.70	5	40.00
2	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Hukkunda mavina katte in Chickmagalur taluk	43.37	5	40.00
3	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Kuruvangi nalli kere in Chickmagalur taluk	125.00	5	100.00
4	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Indavara tavarekere in Chickmagalur taluk	70.00	5	80.00
5	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Indavara huligundarayanakere in Chickmagalur taluk	185.33	5	150.00
6	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Mukthihalli doddakere in Chickmagalur taluk	54.22	5	40.00
7	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Hunusuvalli kere in Chickmagalur taluk	53.40	5	50.00
8	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Nallur gowri kere in Chickmagalur taluk	91.05	5	80.00
9	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Kalasapura uramundina kere in Chickmagalur taluk	53.40	5	40.00
10	Chickmagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Eshwarahalli uramundina kere in Chickmagalur taluk	41.90	5	40.00
11	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Bygoor tank (Maradi) in Bygoor village, Bygoor G.P. Avathi hobli	25.00	5	20.00
12	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Devarahalli tank in Devarahalli village, Bygoor G.P. Avathi hobli	30.00	5	25.00
13	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Hangaravalli tank in Hangaravalli village, Bygoor G.P. Avathi hobli	20.00	5	25.00
14	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Aldur Uramundina kere in Aldur village, Aldur G.P., Aldur hobli	49.77	5	50.00

15	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Balehalli Kariyappagowdana kere in Balehalli village, Kelagurr G.P. , Aldur hobli	68.39	5	50.00
16	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Magadi doddakere in Magadi village, Amble hobli	79.09	5	60.00
17	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Marle doddakere in Marle village, Amble hobli	44.20	5	80.00
18	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Aradavalli doddakere in Marle village, Amble hobli	63.90	5	60.00
19	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Hariharda halli balasokere in Amble hobli	51.80	5	50.00
20	Chikkamagalur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Vastare hirekere in Vastare village, Vastare hobli	64.34	5	50.00
Total :-						1257.86		1130.00
						4278.78	0.00	7971.00

State Minor Irrigation Department – Strategic Action Plan for Mudigere Taluk

Strategic Action Plan for Irrigation in District Under PMKSY								
Sl No	Name of the Blocks / Sub Districts	Concerned ministry / Department	Component	Activity	Total No / Capacity (Cum)	Command Area / Irrigatin Potential (in Ha)	Period of Implementation (5/7 Yrs)	Estimated Cost (Rs in lakhs)
1	2	3	4	5	6	7	8	9
1	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam & channel near Basari koppa in Tanudi G.P.	50.00	5	75.00
2	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam and pickup channel to bedaki halla in Gudde heddadalu, Kalasa hobli	70.00	5	100.00
3	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam and pickup channel to bedaki halla in handi haddalu, Kalasa hobli	80.00	5	75.00
4	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam near balige kiragalamane in Sunkasale G.P. Ballur	60.00	5	100.00
5	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam & channel near Durgadahalli varthamane kanakana	60.00	5	75.00
6	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of bridge cum barrage to dod dahalla in talavar village in Kundur PO, Bankal hobli	50.00	5	100.00
7	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam to Magganagadde kavali in Jogannakere in Alur in Daradahalli G.P. Kasaba hobli	40.00	5	25.00
8	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam to kadavalli halla in Kadavalli kolibailu of Hesgal G.P. Kasaba hobli	20.00	5	10.00
9	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn,. Of checkdam near baradahalli kere in Makonahalli G.P. (Tudimalu madasatti channel)	50.00	5	75.00
Total :-						480.00		635.00

TANKS								
1	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Jogannana dinne kere tank in Daradahalli G.P. Kasaba hobli	65.00	5	50.00
2	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Horatti Bydal kere in Bankal hobli	52.00	5	100.00
3	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Lokavalli Udukina harasina kere in Kasaba hobli	55.00	5	100.00
4	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair Renovation & Rejuvenation of Angadi dodda kere in Angadi village gonibeedu hobli	52.00	5	100.00
Total :-						224.00		350.00
CONSNT. OF PICKUP CANAL								
1	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of pickup to marigundi halla in Kalasa hobli	55.00	5	75.00
2	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Heggaru anicut channel in Kalasa hobli Idukani G.P.	60.00	5	100.00
3	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of concrete box drain to idukani pick up channel (km 0.00 to 0.30 km) in Idukani G.P.Kalasa hobli	48.00	5	40.00
4	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Improvements to Koove pickup channel in Koove village in Balur hobli	100.00	5	100.00
5	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of box drain to Horatti pickup channel (0.00 to 0.20 Km) in Banakal hobli	48.00	5	30.00
6	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of box drain to Ausana pickup channel (0.00 to 0.40 Km) in Banakal hobli	80.00	5	50.00
7	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of revetment to Gattadahalli halla in Gattadahalli village Makonahalli G.P. Kasaba hobli	25.00	5	10.00
8	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of concrete box drain to Maggalamakki pickup channel (0.00 to 0.40 Km) in Kasaba hobli	45.00	5	40.00
9	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of concrete box drain to Kalluvaddu pickup channel (0.00 to 0.60 Km) in Kiragunda G.P. Gonibeedu hobli	42.00	5	50.00
10	Mudigere	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of concrete box drain to Murudanakere pickup channel (0.00 to 5.00 Km) in Gonibeedu hobli	217.00	5	150.00
Total :-						720.00		645.00

State Minor Irrigation Department – Strategic Action Plan for Kaduru Taluk

Strategic Action Plan for Irrigation in District Under PMKSY								
Sl No	Name of the Blocks / Sub Districts	Concerned ministry / Department	Component	Activity	Total No / Capacity (Cum)	Camand Area / Irrigatin Potensial (in Ha)	Period of Implementati on (5/7 Yrs)	Estimated Cost (Rs in laks)
1	2	3	4	5	6	7	8	9
CHECKDAMS								
1	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causeway near govindapura village	58.00	5	75.00
2	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causewau near K. Chomanahalli village	65.00	5	125.00
3	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causewau near Kariyanahalli village	58.00	5	120.00
4	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causewau near Hosur village	52.00	5	100.00
5	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causewau near Bisalere village	56.00	5	100.00
6	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causewau near Kariyanahalli village	65.00	5	195.00
7	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla between alagatta and Dodda pattanagere in kasaba hobli	50.00	5	195.00
8	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Tubinakere halla near Panchanahalli	55.00	5	150.00
9	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam bewtween Begur and Asandi across local halla in Hirenallur hobli	60.00	5	150.00
10	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Vedal halla near Surapura village in Yagati hobli	58.00	5	175.00
11	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla between Dodda pattana gere and Bandi koppulu in Kasaba hobli	65.00	5	195.00
12	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causeway across veda halla between Jingenahalli & Bisalehalli in Kasaba hobli	51.00	5	250.00
13	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near Chikkanayakanahalli in Yagati hobli	53.00	5	195.00
14	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near Gandhadakote forest near Tangli village in Kasaba hobli	65.00	5	195.00
15	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near Y. Basavanahalli in Yagati hobli	50.00	5	200.00
16	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causeway across veda halla between Hosasiddarahalli & kote kallole village in Birur hobli	80.00	5	195.00
17	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across hogare halla near Hogarehalli Village in Birur hobli	75.00	5	185.00
18	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near Shankarapura village chatnahalli G.P. in Yagati hobli	66.00	5	185.00
19	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across vishnusamudra kere kodi halla near chatnahalli village s.no.57 in Yagati	66.00	5	120.00
20	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam cum causeway across vishnusamudra kodi halla between Chatnahalli & Hampapura village s.no.55 in Yagti hobli	65.00	5	170.00
21	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across halla near Turuvanahalli village in kasaba hobli	56.00	5	100.00

22	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Hirehalla near Garugadahalli Anandapura Village in Yagati hobli	56.00	5	150.00
23	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across kanchi halla near Harisamudra village in yagati hobli	65.00	5	150.00
24	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Hirehalla near Chinakanahalli Village in Yagati hobli	56.00	5	150.00
25	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near sitapura in yagati hobli.	95.00	5	200.00
26	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near sitapura in yagati hobli.	95.00	5	200.00
27	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near Vakkalagere village in yagati hobli.	98.00	5	300.00
28	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near kadurlli village in kasaba hobli.	98.00	5	150.00
29	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam and causeway across veda halla down stream side of kukkasamudra kere between kalkere & chikkaballekere village in Chowlahiriyur hobli	150.00	5	300.00
30	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near chowlahiriyur village in Chowlahiriyur hobli	120.00	5	200.00
31	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across barahalla near malapura village (Kalkere-yagati road) in Yagati hobli	110.00	5	150.00
32	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Check dam across veda halla near kodapana kaval in chowlahiriyur village chowlahiriyur hobli	130.00	5	200.00
33	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of checkdam across halla near ganganahalli village of Sy.No. 121/6 in panchanahalli hobli	65.00	5	100.00
34	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Gange halla near gangabasavanahalli in Kadur taluk	55.00	5	100.00
35	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Barahalla near Beratikere in Hulikere G.P. Kadur taluk	50.00	5	90.00
36	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Barahalla near Chomanakallu in Hulikere G.P. Kadur taluk	30.00	5	50.00
37	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Veda halla near Chikkabanur village in Kadur taluk	60.00	5	120.00
38	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Barahalla near Chandrashekara pura in Kadur taluk	40.00	5	80.00
39	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Gangehalla near hale Pillenahalli in Kadur taluk	55.00	5	120.00
40	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Veda halla near Chikkabanur village in Kabbinsasetuve in Kadur taluk	55.00	5	120.00
41	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near Devanur kopplu in Kadur taluk	60.00	5	120.00
42	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near hosahalli in Kadur taluk	50.00	5	80.00
43	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across veda halla near nagenahalli in Kadur taluk	50.00	5	80.00
44	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near nidagatta village in Kadur taluk	40.00	5	60.00
45	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near nidagatta halli kere in Kadur taluk	40.00	5	60.00
46	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Koorubara halli, in Devanur G.P. in Kadur taluk	30.00	5	50.00

47	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across Gowri halla near Kamenahalli Ajjigundi in Kadur taluk	30.00	5	60.00
48	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near gangabasavanahalli village in Kadur taluk	20.00	5	30.00
49	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near nagaralu village in Kadur taluk	15.00	5	25.00
50	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near gunasagara village in Kadur taluk	15.00	5	20.00
51	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near nidagatta hosakere in Kadur taluk	15.00	5	20.00
52	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near chamanakopplu in Kadur taluk	15.00	5	20.00
53	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near T.B. Kaval in Kadur taluk	15.00	5	20.00
54	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Beeranahalli , S. Bidre G.P. in Kadur taluk	15.00	5	20.00
55	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near Nagenahalli village in Kadur taluk	15.00	5	20.00
56	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near hulikere gudichowdanna village in Kadur taluk	10.00	5	15.00
57	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near namadagundi hulikere village in Kadur taluk	10.00	5	15.00
58	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near ketumarana halli village in Kadur taluk	10.00	5	15.00
59	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of check dam across bara halla near kamenahalli halli village in Devanur G.P. Kadur taluk	10.00	5	15.00
Total :-						3217.00		7050.00
CONSTN. OF CANAL								
1	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of channenhalli anicut channel (Ch. 5 to 8 Km) near channenhalli & govindapura village in Birur hobli	140.00	5	200.00
2	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Gondi anicut channel in kasaba hobli.	100.00	5	200.00
3	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of V. Yaradakere Anicut & channel	65.00	5	150.00
4	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of Sunnagodu pickup & channel in kasaba hobli.	60.00	5	500.00
5	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of box drain to kade kaluve from Ch. 6.00 to 8.00 Km of Ayyanakere	62.00	5	57.00
6	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of box drain to Basavana kaluve from Railway bridge to end of Ayyanakere	62.00	5	50.00
7	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of concrete lining to Devanur feeder canal Ch. 1.50 to 6.50 Km	51.00	5	65.00
8	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of field channels to Bisalehalli kere	90.00	5	100.00
9	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of field channels to Basavana kaluve of Iyyanakere	50.00	5	75.00
10	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of lining to Brahma samudra chanel from Ch. 4.50 to 8.00	80.00	5	250.00
Total :-						365.00		1050.00
TANKS								
1	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of percolation tank in Sl.No.12 near rangapura village of chowlahiriyur hobli	65.00	5	100.00
2	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of percolation tank in Sl.No.30 near kurubara halli village of chowlahiriyur hobli	60.00	5	100.00
3	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of New percolation tank near Hogarehalli village in birur hobli.	75.00	5	150.00
4	kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of New percolation tank near Asandi village.	65.00	5	125.00
Total :-						265.00		475.00
5	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Constn. Of feeder canal to Doddabukkasagara kere in Birur hobli.	50.00	5	450.00
6	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Brahmasamudra hale kere in Kadur taluk	182.80	5	150.00
7	Kadur	State Minor Irrigation Dpt	PMKSY	Minor Irrigation	Repair, Renovation & Restoration of Dewvanur doddakere in Kadur taluk	142.00	5	120.00
Total :-						374.80		720.00

State Minor Irrigation Department – Strategic Action Plan for Tarikere Taluk

Sl. No.	Name of Blocks/ Sub Districts	Concerned Ministry/ Department	Component	Activity	Total No / Capacity (Cum)	Command Area/ Irrigation potential (In Ha)	Period of completion on (5/7 Yrs)	Estimated cost (Rs. In Lakhs)	Water Availability in (Cum)	Utilization in (Cum)
First Year Action Plan 2016-17										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Lingadahalli Mushtikere	28.80	5	72.00	0.0099	0.00057
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Javoru Uramunidanakere in Tarikere Taluk	24.40	5	61.00	0.0205	0.00058
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Amruthapura Chikkere Doddakere in Tarikere Taluk	36.00	5	90.00	0.0112	0.00042
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Kuttinamadu Veeranakere in Tarikere Taluk	43.00	5	85.00	0.0005	0.00024
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Kunchur village, Kunchur colony kere (Duggappaiah kere) in Koppa Taluk	12.00	5	30.00	0.011	0.00036
	Tarikere					144.20		338.00		
A.I.B.P										
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Gangihalla in Tarikere Taluk, Chikkamagalur District	52.00	5	94.00	0.0009	0.0002
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Hodhirayanahalla near Irappapura village in Tarikere Taluk, Chikkamagalur District	67.00	5	90.00	0.0009	0.0002
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Shirihalla near Vittalapura village in Tarikere Taluk, Chikkamagalur District	55.00	5	97.00	0.0022	0.00016
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Halla near Kanabaghatta village in Tarikere Taluk, Chikkamagalur District	53.00	5	85.00	0.0007	0.00015
9	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Halla near Hosur village in Tarikere Taluk, Chikkamagalur District	55.00	5	97.00	0.0009	0.00016
10	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Madyahalla near Chikkamatti village in Tarikere Taluk, Chikkamagalur District	55.00	5	79.00	0.0003	0.00018
11	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Halla near Kenchapura village in Tarikere Taluk, Chikkamagalur District	75.00	5	169.00	0.0004	0.00019
12	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Bakanakatte village in Tarikere Taluk, Chikkamagalur District	50.00	5	117.00	0.0039	0.0001
13	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across Baramanahalla near Kanabagatta village in Tarikere Taluk, Chikkamagalur District	55.00	5	63.00	0.0002	0.00011
14	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Ganeshapura village in Tarikere Taluk, Chikkamagalur District	55.00	5	88.00	0.0003	0.00011
15	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Gadirangapura (Bhakthanakatte) village in Tarikere Taluk, Chikkamagalur District	55.00	5	122.00	0.0005	0.00011
16	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Gejjegondanahalli village in Tarikere Taluk, Chikkamagalur District	55.00	5	72.00	0.0005	0.00011
	Tarikere					682.00		1173.00		
	Tarikere RRR & AIBP					826.20		1511.00		
Second Year Action Plan 2017-18										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Tarikere Dhoddkere in Tarikere Taluk	110.00	5	120.00	0.0005	0.00024
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Dornalu Sunnahallikere in Tarikere Taluk	120.00	5	110.00	0.0099	0.00057
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Kudulu Areguddhi in Tarikere Taluk	124.00	5	125.00	0.0205	0.00058
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Hunusughatta Thimmanakattekere in Tarikere Taluk	50.00	5	80.00	0.0001	0.00011
	Tarikere					404.00		435.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Anegudde village in Tarikere Taluk, Chikkamagalur District	52.00	5	90.00	0.0022	0.0001
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Cheeranahalli village in Tarikere Taluk, Chikkamagalur District	54.00	5	58.00	0.0003	0.00011
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Gulladmane village in Tarikere Taluk, Chikkamagalur District	70.00	5	146.00	0.0038	0.0002
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Doddabogikere village in Tarikere Taluk, Chikkamagalur District	55.00	5	121.00	0.0003	0.00011
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Hosur village in Tarikere Taluk, Chikkamagalur District	75.00	5	152.00	0.0056	0.00015
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Neralekere village in Tarikere Taluk, Chikkamagalur District	100.00	5	218.00	0.0065	0.0002
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Kuntinamadu village in Tarikere Taluk, Chikkamagalur District	85.00	5	189.00	0.0044	0.00017
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Kunchenahalli village in Tarikere Taluk, Chikkamagalur District	70.00	5	141.00	0.0038	0.0002
9	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Muguli village in Tarikere Taluk, Chikkamagalur District	85.00	5	147.00	0.0136	0.00017
10	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Hosahalli Thimmapura in Tarikere Taluk, Chikkamagalur District	52.00	5	80.00	0.0002	0.0001
	Tarikere					698.00		1342.00		
	Tarikere RRR & AIBP					1102.00		1777.00		

Third Year Action Plan 2018-19										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Shivni Dhoddkere in Tarikere Taluk.	100.00	5	150.00	0.0005	0.00024
	Tarikere					100.00		150.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across halla near sokke village in Tarikere Taluk, Chikkamagalur District	64.00	5	160.00	0.0022	0.00016
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across halla near Gowrapura village in Tarikere Taluk, Chikkamagalur District	40.00	5	100.00	0.0007	0.00015
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of BCB across halla near Gowrapura village in Tarikere Taluk, Chikkamagalur District	78.00	5	195.00	0.0009	0.00016
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across halla near Kalathipura village in Tarikere Taluk, Chikkamagalur District	60.00	5	150.00	0.0038	0.0002
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across halla near Sithapura Kaval village in Tarikere Taluk, Chikkamagalur District	36.00	5	90.00	0.0003	0.00018
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across Hogarekain Gowri halla near Lingadahalli village in Tarikere Taluk, Chikkamagalur District	78.00	5	195.00	0.0004	0.00019
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across halla near Huchhenhatti village in Tarikere Taluk, Chikkamagalur District	28.00	5	70.00	0.0039	0.0001
9	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across Kodihalli halla near Kutinamaduru village in Tarikere Taluk, Chikkamagalur District	42.00	5	80.00	0.0038	0.0002
	Tarikere					426.00		1040.00		
	Tarikere RRR & AIBP					526.00		1190.00		
Fourth Year Action Plan 2019-20										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Bukkumbudi Dhoddkere in Tarikere Taluk.	230.00	5	150.00	0.0008	0.00024
	Tarikere					230.00		150.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across waste weir halla to Shambainur tank near Shambainur village in Tarikere Taluk, Chikkamagalur District	36.00	5	90.00	0.0002	0.0001
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Feeder Canal from Ghanigithi halla to Bukkumbudi tank near Bukkumbudi village in Tarikere Taluk, Chikkamagalur District	28.00	5	70.00	0.0022	0.00016
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across halla near Kudulur village in Tarikere Taluk, Chikkamagalur District	28.00	5	70.00	0.0007	0.00015
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across halla near Bukkumbudi village in Tarikere Taluk, Chikkamagalur District	60.00	5	150.00	0.0009	0.00016
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across halla near Kallenahalli village in Tarikere Taluk, Chikkamagalur District.	40.00	5	100.00	0.0003	0.00018
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across Mundinahalli halla near Kutinamaduru village in Tarikere Taluk, Chikkamagalur District.	35.00	5	70.00	0.0022	0.00016
	Tarikere					227.00		550.00		
	Tarikere RRR & AIBP					457.00		700.00		
Fifth Year Action Plan 2020-21										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Hirekathuru Dhoddkere in Tarikere Taluk.	190.00	5	200.00	0.0005	0.00024
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Ittige Dhoddkere in Tarikere Taluk.	80.00	5	60.00	0.0009	0.00016
	Tarikere					270.00		260.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Series check dam across Kornahalli halla near Bettadahalli village in Tarikere Taluk, Chikkamagalur District	76.00	5	190.00	0.0136	0.00017
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of BCB across halla near Shivpura village in Tarikere Taluk, Chikkamagalur District	28.00	5	70.00	0.0002	0.0001
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Rangapura Halla near Tarikere in Tarikere Taluk, Chikkamagalur District	78.00	5	195.00	0.0022	0.00016
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Guddudha Beerna Halla near Athiganalu village in Tarikere Taluk, Chikkamagalur District	24.00	5	50.00	0.0022	0.00016
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Halla near Sollapura Mallenahalli village in Tarikere Taluk, Chikkamagalur District	40.00	5	80.00	0.0007	0.00015
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of check dam across Halla near Hunughatta village in Tarikere Taluk, Chikkamagalur District	45.00	5	90.00	0.0002	0.0001
	Tarikere					291.00		675.00		
	Tarikere RRR & AIBP					561.00		935.00		
						1148.20		1333.00		
						2324.00	0.00	4780.00		
						3472.20	0.00	6113.00		
Assistant Executive Engineer, M I Sub Division Tarikere										

State Minor Irrigation Department – Strategic Action Plan for N R Pura Taluk

Sl. No.	Name of Blocks/ Sub Districts	Concerned Ministry/ Department	Component	Activity	Total No / Capacity (Cum)	(Rs. In Lakhs)				
						Command Area/ Irrigation potential (In Ha)	Period of completion (S/7 Yrs)	Estimated cost (Rs. In Lakhs)	Water Availability In (Cum)	Utilization In (Cum)
First Year Action Plan 2016-17										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Krishnappa Gowdra & others land near Madabur Village.in N R Pura Taluk, Chikmagalur District.	15.00	5	30.00	0.0039	0.0001
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in K C Manjunath & others land near Kadainabailu Alanduru Village.in N R Pura Taluk, Chikmagalur District.	16.00	5	30.00	0.0002	0.00011
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Bakrihalla in Gangana Kalmene & others land near Aralikoppa Village.in N R Pura Taluk, Chikmagalur District.	21.00	5	40.00	0.0002	0.0001
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Haiyanna Gowda & others land near Bakrihalla Handaguni Village.in N R Pura Taluk, Chikmagalur District.	14.00	5	15.00	0.0044	0.00017
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Rajashekara & others land near Aralikoppa Boganemane Village.in N R Pura Taluk, Chikmagalur District.	12.00	5	15.00	0.0007	0.00015
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Ramesha & others land near Sarya Honnekodage Village.in N R Pura Taluk, Chikmagalur District.	6.00	5	10.00	0.0038	0.0002
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Dhoddani halla in Yellachari & others land near Niluvani Village.in N R Pura Taluk, Chikmagalur District.	4.00	5	10.00	0.0039	0.0001
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Ganesh & others land near Beluru Sithuru Village.in N R Pura Taluk, Chikmagalur District.	14.00	5	30.00	0.0002	0.00011
N R Pura AIBP						102.00		180.00		
Second Year Action Plan 2017-18										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in A G Dinesh & others land near Kadainabailu Alanduru Village.in N R Pura Taluk, Chikmagalur District.	15.00	5	30.00	0.0009	0.00016
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in D V Chandrashekar & others land near Sithuru Athuru Village.in N R Pura Taluk, Chikmagalur District.	25.00	5	50.00	0.0003	0.00018
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Srinivasa & others land near Kunja Shedgaru Village.in N R Pura Taluk, Chikmagalur District.	18.00	5	40.00	0.0002	0.00011
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Ball halla in Chovedaiha Pooja & others land near Konadi Village.in N R Pura Taluk, Chikmagalur District.	13.00	5	25.00	0.0002	0.0001
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in B V Chandrashekar & others land near Kamalapura Sithuru Village.in N R Pura Taluk, Chikmagalur District.	8.00	5	15.00	0.0044	0.00017
N R Pura AIBP						79.00		160.00		
Third Year Action Plan 2018-19										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Bairapura Mallakatekere in N R Pura Taluk.	45.00	5	25.00	0.0005	0.00024
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Madaburu Hirekoppada in N R Pura Taluk.	40.00	5	20.00	0.0136	0.00017
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Madaburu Agaliker in N R Pura Taluk.	40.00	5	25.00	0.0002	0.0001
N R Pura						125.00		70.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Balehithalu halla in Kanuru GP.N R Pura Taluk, Chikmagalur District.	15.00	5	30.00	0.0136	0.00017
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Abbigudi village in N R Pura Taluk, Chikmagalur District.	18.00	5	30.00	0.0002	0.0001
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Abbigudi village in N R Pura Taluk, Chikmagalur District.	24.00	5	50.00	0.0039	0.0001
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Yedda halla in H C Aruna & others land near Kanuru Hanchi Village.in N R Pura Taluk, Chikmagalur District.	4.00	5	10.00	0.0002	0.00011
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Buda Poojara & others land near Kanuru Halekoppa Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.0001
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Gitiya & others land near Kanuru Gaddemane Village.in N R Pura Taluk, Chikmagalur District.	4.00	5	10.00	0.0044	0.00017
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in H E Supriya & others land near Kanuru Anthuvani Village.in N R Pura Taluk, Chikmagalur District.	3.00	5	10.00	0.0136	0.00017
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Ramanna & others land near Kanuru Hadlu Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.0001
9	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Balachandra & others land near Kanuru Hadlu Village.in N R Pura Taluk, Chikmagalur District.	6.00	5	10.00	0.0039	0.0001
10	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Sheshappa Gowda & others land near Sankse Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.00011
11	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Chowdaiha & others land near Kanuru Hadlu Village.in N R Pura Taluk, Chikmagalur District.	4.00	5	10.00	0.0002	0.00011
12	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in G R Venkatesha & others land near Gaddemane Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	20.00	0.0002	0.0001
N R Pura						98.00		210.00		
N R Pura RRR & AIBP						223.00		280.00		

Fourth Year Action Plan 2019-20										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Kusuburu Tubinakere in N R Pura Taluk.	55.00	5	20.00	0.0005	0.00024
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Madaburu Yekkadabailukere in N R Pura Taluk.	40.00	5	20.00	0.0009	0.00016
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Nagalapura Heggerekere in N R Pura Taluk.	42.00	5	30.00	0.0002	0.0001
N R Pura						137.00		70.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup across halla near Bavigadde village in B Kanabur GP,N R Pura Taluk, Chikmagalur District.	16.00	5	30.00	0.0136	0.00017
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Halasuru Harige Chattimakki in Banuru GP,N R Pura Taluk, Chikmagalur District.	20.00	5	40.00	0.0002	0.0001
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Satish & others land near Balekoppa Village.in N R Pura Taluk, Chikmagalur District.	18.00	5	40.00	0.0039	0.0001
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in Guddu Poojari & others land near Hirekoduge Village.in N R Pura Taluk, Chikmagalur District.	14.00	5	30.00	0.0002	0.00011
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Bangle halla in Lalithamma & others land near Sankse Village.in N R Pura Taluk, Chikmagalur District.	13.00	5	25.00	0.0002	0.0001
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Athimane halla in Nagappa Alemane & others land near Bale Village.in N R Pura Taluk, Chikmagalur District.	14.00	5	15.00	0.0044	0.00017
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Halle halla in Lakshamma& others land near Gaddehalla Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0039	0.0001
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Halle halla in Giddegowdru & others land near Gaddehalla Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.00011
9	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Bellangi halla in Vijaya & others land near Hallehalla Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.00011
N R Pura						110.00		210.00		
N R Pura RRR & AIBP						247.00		280.00		
Fifth Year Action Plan 2020-21										
AIBP										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla in K N Satish & others land near Madabur Village.in N R Pura Taluk, Chikmagalur District.	14.00	5	30.00	0.0136	0.00017
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Makimane halla in Chandranna & others land near Makimane Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.00011
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Hadlu halla in Naveen & others land near Belanggi Village.in N R Pura Taluk, Chikmagalur District.	5.00	5	10.00	0.0002	0.00011
N R Pura AIBP						24.00		50.00		
						AIBP	413.00	0.00	810.00	
						RRR	262.00	0.00	140.00	
						Total	675.00	0.00	950.00	
Assistant Executive Engineer, M.I. Sub- Division, Tarikere.										

State Minor Irrigation Department – Strategic Action Plan for Koppa Taluk

Sl. No.	Name of Blocks/ Sub Districts	Concerned Ministry/ Department	Component	Activity	Total No / Capacity (Cum)	Command Area/ Irrigation potential (In Ha)	Period of completion on (5/7 Yrs)	Estimated cost (Rs. In Lakhs)	Water Availability in (Cum)	Utilization in (Cum)
First Year Action Plan 2016-17										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Naganna Kardikere in Koppa Taluk.	12.00	5	30.00	0.0005	0.00024
Koppa RRR						12.00		30.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Bethadhakolalu halla near Athikoduge Village in,Koppa Taluk, Chikmagalur District.	25.00	5	50.00	0.0003	0.000108
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Anadanamane halla near Athikoduge Village in,Koppa Taluk, Chikmagalur District.	22.00	5	40.00	0.0005	0.000114
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Bomlapura village,Koppa Taluk, Chikmagalur District.	20.00	5	40.00	0.0002	0.000102
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Kogga halla near Chavalmane village,Koppa Taluk, Chikmagalur District.	23.00	5	40.00	0.0044	0.000167
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Kogga halla near Chavalmane village,Koppa Taluk, Chikmagalur District.	22.00	5	40.00	0.0007	0.000151
7	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Gaddikaluvillage,Koppa Taluk, Chikmagalur District.	20.00	5	40.00	0.0038	0.000197
8	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Jaipura Menasinakatte,Koppa Taluk, Chikmagalur District.	25.00	5	50.00	0.0007	0.000151
Koppa RRR & AIBP						157.00		300.00		
Koppa RRR & AIBP						169.00		330.00		
Second Year Action Plan 2017-18										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Hirur village in Koppa Taluk, Chikmagalur District.	55.00	5	50.00	0.0032	0.0001
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Shanuvalli village in Koppa Taluk, Chikmagalur District.	55.00	5	50.00	0.0052	0.0001
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Checkdam across halla near Niluvagiluvillage in Koppa Taluk, Chikmagalur District.	55.00	5	50.00	0.0027	0.0001
Koppa AIBP						165.00		150.00		
Third Year Action Plan 2018-19										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Haramathurukere in Koppa Taluk.	90.00	5	50.00	0.0005	0.00024
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Chavalamane Theginakere in N R Pura Taluk.	60.00	5	40.00	0.0009	0.00016
Koppa						150.00		90.00		
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Bolapura Village in,Koppa Taluk, Chikmagalur District.	27.00	5	50.00	0.0022	0.00016
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Nilavagiluvillage in,Koppa Taluk, Chikmagalur District.	26.00	5	50.00	0.0007	0.00015
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Kalasappa Nayaka land,Hosuru Village in,Koppa Taluk, Chikmagalur District.	24.00	5	50.00	0.0009	0.00016
Koppa						77.00		150.00		
Koppa RRR & AIBP						227.00		240.00		
Fourth Year Action Plan 2019-20										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Check dam across Hupparige halla near Kudulur village in Koppa Taluk, Chikmagalur District.	60.00	5	150.00	0.0004	0.00019
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Chavalmane village,Koppa Taluk, Chikmagalur District.	18.00	5	40.00	0.0038	0.0002
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Hasrukoduge village,Koppa Taluk, Chikmagalur District.	25.00	5	50.00	0.0136	0.00017
Koppa AIBP						103.00		240.00		
Fifth Year Action Plan 2020-21										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Devahallakere in Koppa Taluk, Chikmagalur District.	21.00	5	40.00	0.0007	0.00015
2	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Sigodukere in Koppa Taluk, Chikmagalur District.	22.00	5	40.00	0.0009	0.00016
3	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Banahallakere in Koppa Taluk, Chikmagalur District.	25.00	5	50.00	0.0003	0.00018
4	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Bandigadi Karangikere in Koppa Taluk, Chikmagalur District.	70.00	5	40.00	0.0005	0.00024
5	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Heggara Bommanakere in Koppa Taluk, Chikmagalur District.	53.00	5	30.00	0.0009	0.00016
6	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Chavalamane kerekoppadakere in Koppa Taluk, Chikmagalur District.	43.00	5	30.00	0.0003	0.00018
Koppa RRR						234.00		230.00		
AIBP						502.00	0.00	840.00		
RRR						396.00	0.00	350.00		
Total						898.00	0.00	1190.00		
Assistant Executive Engineer, M I Sub Division Tarikere										

State Minor Irrigation Department – Strategic Action Plan for Sringeri Taluk

Sl. No.	Name of Blocks/ Sub Districts	Concerned Ministry/ Department	Component	Activity	Total No / Capacity (Cum)	Command Area/ Irrigation potential (in Ha)	Period of completion (5/7 Yrs)	Estimated cost (Rs. In Lakhs)	Water Availability in (Bcum)	Utilization in (Bcum)
First Year Action Plan 2016-17										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across Begaru Hoddeyaru halla in Sringeri Taluk, Chikmagalur District.	22.00	5	40.00	0.0044	0.000167
	Sringeri AIBP					22.00		40.00		
Second Year Action Plan 2017-18										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Kikre Kondageri Village in Sringeri Taluk, Chikmagalur District.	25.00	5	50.00	0.0038	0.000197
	Sringeri AIBP					25.00		50.00		
Third Year Action Plan 2018-19										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Adigadde Village in Markal GP ,Sringeri Taluk, Chikmagalur District.	28.00	5	50.00	0.0022	0.00016
	Sringeri AIBP					28.00		50.00		
Fourth Year Action Plan 2019-20										
A.I.B.P										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Construction of Pickup and channel across halla near Berekoppa Village in ,Sringeri Taluk, Chikmagalur District.	22.00	5	40.00	0.0022	0.00016
	Sringeri AIBP					22.00		40.00		
Fifth Year Action Plan 2020-21										
RRR										
1	Chickmagalore	State Minor Irrigation	PMKSY	Minor Irrigation	Improvements to Menasinakere near Kunchebailu Village in Sringeri Taluk.	12.00	5	25.00	0.0005	0.00024
	Sringeri RRR					12.00		25.00		
					AIBP	97.00	0.00	180.00		
					RRR	12.00	0.00	25.00		
						109.00	0.00	205.00		
Assistant Executive Engineer, M I Sub Division Tarikere										

CADA – Strategic Action Plan

ACTION PLAN FOR COMPLETION OF CAD&WM WORKS											
Name of the project: Bakri Halla Kadahinabailu LIS		Contemplated Atchcut: 526.10 Ha									
District: Chikmagalur		Balance Cost: Rs.408.00 lakhs									
		Total Cost: Rs. 408.00 lakhs									
Sl.No.	Activities	Target as per Original MoU Phy (Ha)	Progress achieved up to 31.03.2016	Balance programme							
				Balance		2017-18		2018-19		2019-20	
				Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)
1	Establishment				17.66	3.11	4.66	9.90			
2	Survey Planning and Design		0.00	526.10	6.31	100.00	1.20	150.00	1.90	276.10	
3	On farm Development activities (OFD)										
	a)Construction of field channels		0.00	473.10	118.51	100.00	25.05	150.00	37.58	223.10	
	b)Micro Irrigation			53.00	26.50	0.00	0.00	0.00	0.00	53.00	
4	Field Intermediate and Linked Drains			526.10	31.57	100.00	6.00	150.00	9.00	276.10	
5	Correction of system deficiency			-	-	-	-	-	-	-	
6	Reclamation of water logged area			-	-	-	-	-	-	-	
	1) Surface drainage			-	-	-	-	-	-	-	
	2) Sub Surface drainage			-	-	-	-	-	-	-	
7	Providing information on digital Map, canal work, clearing of nala works				15.00		5.00		5.00		
8	Ayicut roads			15.00		0.00		7.50		7.50	
	1) Identification of Ayicut Roads(Kim)				120.00		0.00		60.00	60.00	
	2)Improvement and construction of Ayicut roads										
9	One time grant to registered/elected WIAs			1.00							
	1) No. Of Water user societies(Nos)										
	a) Functional grant				5.68	0.00	0.00	0.00	1.00	5.68	
	b)Infrastructure grant				3.00	0.00	0.00	0.00	0.00	3.00	
10	Ground water recharge (Nos)			4	20.00	0.00	0.00	2.00	10.00	2.00	
11	Development of irrigation through conserved water			2(Nos)	6.00					2.00	
12	Software Activities										
	1) Training (No. Of framers)			500.00	10.67		0.00	250.00	5.33	250.00	
	2) Ground Water Monitoring				10.00		0.00		2.00	8.00	
	3) Adoptive trails				10.00		0.00		0.00	10.00	
13	Evaluation and impact of CADA works after 3 years				5.00		0.00		0.00	5.00	
14	Miscellaneous				2.10		0.64		0.63	0.83	
	TOTAL				408.00		41.00		136.00	231.00	

Action Plan for completion of CAD W&M Works - Fund requirement

Name of the project: Bakri Halla Kadahinabailu LIS		Contemplated Atchcut: 526.10 Ha																									
District:Chikmagalur		Balance Cost: Rs.408.00 lakhs																									
		Total Cost: Rs.408.00 lakhs																									
Si No	Activities	Phy (Ha)	Balance		2016-17				2017-18				2018-19				2019-20				2020-21				Remarks		
			Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share		Funding pattern	
1	Establishment			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
2	Survey Planning and Design		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	526.10	6.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
3	On farm Development activities (OFD)																									50:50	
	a)Construction of field channels		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
	b)Micro Irrigation			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
4	Field Intermediate and Linked Drains			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
5	Correction of system deficiency			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
6	Reclamation of water logged area			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
	1) Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
	2) Sub Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
7	Providing information on digital Map, canal work, clearing of nala works				0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00		0.00	0.00	0.00	50:50	
8	Ayicut roads					0.00	0.00	0.00	0.00																	50:50	
	1) Identification of Ayicut Roads			15 Km		0.00	0.00	0.00	0.00				7.5 km				7.5 km									50:50	
	2)Improvement and construction of Ayicut roads				0.00	0.00	0.00	0.00	0.00				0.00		0.00		0.00		0.00		0.00		0.00	0.00	0.00	0:100	
9	One time grant to registered/elected WIAs					0.00	0.00	0.00	0.00																	50:50	
	1) No. Of Water user societies			1 Nos		0.00	0.00	0.00	0.00																	50:50	
	a) Functional grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45:45	
	b)Infrastructure grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25	
10	Ground water recharge			4 (Nos)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
11	Development of irrigation through conserved water			2 (Nos)	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
12	Software Activities																									50:50	
	1) Training (No. Of framers)			500 Nos	0.00	0.00	0.00	0.00	0.00				250 Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25	
	2) Ground Water Monitoring				0.00	0.00	0.00	0.00	0.00					0.00	1.00	1.00	0.00	0.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	50:50	
	3) Adoptive trails				0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00		0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	75:25	
13	Evaluation and impact of CADA works after 3 years				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	100:00	
14	Miscellaneous				0.00	0.00	0.00	0.00	0.00					0.00	0.32	0.32		0.00	0.32	0.32		0.83	0.42	0.42	0.00	0.00	0.00
	TOTAL				0.00	0.00	0.00	0.00	0.00		6.31	0.32	0.32	0.00	1.32	1.32	0.00	0.32	0.32	0.83	4.42	11.92	0.00	0.00	0.00	0.00	

ACTION PLAN FOR COMPLETION OF CAD&WM WORKS

Name of the project: Jambadahalla Project
District: Chikmagaluru

Contemplated Atchut: 2428 Ha
Balance Cost: Rs 930.00 lakhs
Total Cost: Rs 930.00 lakhs

Sl.No.	Activities	Target as per Original MoU Phy (Ha)	Progress achieved up to 31.03.2016	Balance programme								
				Balance		2017-18		2018-19		2019-20		
				Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	
1	Establishment			50.23		9.26		16.77		24.20		
2	Survey Planning and Design			1133.00	1295.00	15.54	250.00	3.00	500.00	6.00	545.00	6.54
3	On farm Development activities (OFD)											
	a)Construction of field channels			1133.00	1052.00	263.53	250.00	62.63	350.00	87.68	452.00	113.23
	b)Micro Irrigation				243.00	121.50	0.00	0.00	100.00	50.00	143.00	71.50
4	Field Intermediate and Linked Drains			474.00	1955.00	117.30	500.00	30.00	500.00	30.00	955.00	57.30
5	Correction of system deficiency				243.00	19.44	-	-	100.00	8.00	143.00	11.44
6	Reclamation of water logged area											
	1) Surface drainage											
	2) Sub Surface drainage											
7	Providing information on digital Map, canal work, clearing of nala works					25.00		5.00		5.00		15.00
8	Aycut roads				30.00		10.00		10.00		10.00	
	1) Identification of Aycut Roads(Km)					240.00		80.00		80.00		80.00
	2)Improvement and construction of Aycut roads											
9	One time grant to registered/elected WIAs				2.00	1.00						
	1) No. Of Water user societies(Nos)											
	a) Functional grant					9.72				1.00		9.72
	b)Infrastructure grant					3.00		0.00		0.00		3.00
10	Ground water recharge (Nos)				4	20.00	0.00	0.00	2.00	10.00	2.00	10.00
11	Development of irrigation through conserved water				2(Nos)	6.00					2.00	6.00
12	Software Activities											
	1) Training (No. Of framers)				500.00	10.67					500.00	10.67
	2) Ground Water Monitoring					10.00		0.00		2.00		8.00
	3) Adoptive trails					10.00		0.00		0.00		10.00
13	Evaluation and impact of CADA works after 3 years					5.00		0.00		5.00		
14	Miscellaneous					3.08		1.11		0.56		1.41
	TOTAL				930.00		191.00		296.00		443.00	

Action Plan for completion of CAD W&M Works - Fund requirement

Name of the project: Jambadahalla Project
District:Chikmagaluru

Contemplated Atchut: 2428 Ha
Balance Cost: Rs.930.00 lakhs
Total Cost: Rs.930.00 lakhs

Sl No	Activities	Phy (Ha)	Balance		2016-17				2017-18				2018-19				2019-20				2020-21				Remarks				
			Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share					
			1	Establishment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00	0.00
2	Survey Planning and Design		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	1295.00	15.54	7.77	7.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
3	On farm Development activities (OFD)																												
	a)Construction of field channels		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
	b)Micro Irrigation			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
4	Field Intermediate and Linked Drains			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
5	Correction of system deficiency			243.00	19.44	0.00	0.00	0.00	0.00	-	-			100.00	8.00	4.00	4.00	143.00	11.44	5.72	5.72							50:50	
6	Reclamation of water logged area			-	-	0.00	0.00	0.00	0.00	-	-			-	-													50:50	
	1) Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-			-	-													0.00	
	2) Sub Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-			-	-													0.00	
7	Providing information on digital Map, canal work, clearing of nala works				0.00	0.00	0.00	0.00	0.00																			50:50	
8	Aycut roads				0.00	0.00	0.00	0.00	0.00																			0.00	
	1) Identification of Aycut Roads				30 Km	0.00	0.00	0.00	0.00	10.00 km				10.00 km				10.00 km										0.00	
	2)Improvement and construction of Aycut roads				0.00	0.00	0.00	0.00	0.00					80.00				80.00										0.00	
9	One time grant to registered/elected WIAs					0.00	0.00	0.00	0.00																				0:100
	1) No. Of Water user societies				1 Nos	0.00	0.00	0.00	0.00																				0.00
	a) Functional grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45:45	
	b)Infrastructure grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25	
10	Ground water recharge				4 (Nos)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
11	Development of irrigation through conserved water				2 (Nos)	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00												50:50	
12	Software Activities					0.00	0.00	0.00	0.00	0.00																			0.00
	1) Training (No. Of framers)				500 Nos	0.00	0.00	0.00	0.00	0.00																			75:25
	2) Ground Water Monitoring				0.00	0.00	0.00	0.00	0.00									0.00	1.00	1.00	0.00	0.00	4.00	4.00	0.00	0.00	0.00	0.00	50:50
	3) Adoptive trails				0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00						0.00	0.00	2.50	0.00	0.00	0.00	75:25	
13	Evaluation and impact of CADA works after 3 years				0.00	0.00	0.00	0.00	0.00					0.00				0.00				0.00	5.00	0.00	0.00	0.00	0.00	100:00	
14	Miscellaneous				0.00	0.00	0.00	0.00	0.00					1.11	0.56	0.56		0.56	0.28	0.28		1.41	0.71	0.70	0.00	0.00	0.00	0.00	
	TOTAL				19.44		0.00	0.00	0.00	0.00				96.65	8.33	88.33		8.56	5.28	5.28		12.85	10.43	17.92	0.00	0.00	0.00	0.00	

ACTION PLAN FOR COMPLETION OF CAD&WM WORKS

Name of the project: Hodirayanahalla Diversion Scheme
District: Chikmagaluru

Contemplated Atchcut: 891 Ha
Balance Cost: Rs.580.00 lakhs
Total Cost: Rs.580.00 lakhs

Sl.No.	Activities	Target as per Original MoU Phy (Ha)	Progress achieved up to 31.03.2016	Balance programme																		
				Balance		2017-18		2018-19		2019-20												
				Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)											
1	Establishment																					
2	Survey Planning and Design		0.00	891.00	10.69	250.00	3.00	250.00	3.00	391.00	4.69											
3	On farm Development activities (OFD)																					
	a)Construction of field channels		0.00	801.00	200.65	200.00	50.10	250.00	62.63	351.00	87.93											
	b)Micro Irrigation			90.00	45.00	0.00	0.00	0.00	0.00	90.00	45.00											
4	Field Intermediate and Linked Drains			891.00	53.46	250.00	15.00	250.00	15.00	391.00	23.46											
5	Correction of system deficiency			-	-	-	-	-	-	-	-											
6	Reclamation of water logged area			-	-	-	-	-	-	-	-											
	1) Surface drainage			-	-	-	-	-	-	-	-											
	2) Sub Surface drainage			-	-	-	-	-	-	-	-											
7	Providing information on digital Map, canal work, clearing of nala works				20.00		5.00		5.00		10.00											
8	Ayicut roads																					
	1) Identification of Ayicut Roads(Km)			15.00		0.00		7.50		7.50												
	2) Improvement and construction of Ayicut roads				120.00		0.00		60.00		60.00											
9	One time grant to registered/elected WUAs																					
	1) No. Of Water user societies(Nos)			2.00																		
	a) Functional grant				9.62	0.00	0.00	1.00	4.81	1.00	4.81											
	b) Infrastructure grant				6.00	0.00	0.00	3.00		3.00												
10	Ground water recharge (Nos)			5	25.00	0.00	0.00	2.00	10.00	3.00	15.00											
11	Development of irrigation through conserved water				3 (Nos)	9.00				3.00	9.00											
12	Software Activities																					
	1) Training (No. Of framers)			1000.00	21.33		0.00	500.00	10.67	500.00	10.67											
	2) Ground Water Monitoring				10.00		0.00		2.00		8.00											
	3) Adoptive trails				10.00		0.00		10.00		10.00											
13	Evaluation and impact of CADA works after 3 years				5.00		0.00		0.00		5.00											
14	Miscellaneous				4.33		1.39		1.14		1.81											
	TOTAL				580.00		81.00		185.00		314.00											

Action Plan for completion of CAD W&M Works - Fund requirement

Name of the project: Hodirayanahalla Diversion Scheme
District:Chikmagaluru

Contemplated Atchcut: 891 Ha
Balance Cost: Rs.580.00 lakhs
Total Cost: Rs.580.00 lakhs

Sl No	Activities	Phy (Ha)	Balance		2016-17				2017-18				2018-19				2019-20				2020-21				Remarks		
			Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share			
			1	Establishment			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00
2	Survey Planning and Design		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	891.00	10.69	5.35	5.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
3	On farm Development activities (OFD)																									50:50	
	a)Construction of field channels		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
	b)Micro Irrigation			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
4	Field Intermediate and Linked Drains			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
5	Correction of system deficiency			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
6	Reclamation of water logged area			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
	1) Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
	2) Sub Surface drainage			-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00	
7	Providing information on digital Map, canal work, clearing of nala works				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
8	Ayicut roads																										
	1) Identification of Ayicut Roads			15 Km									7.5 km								7.5 km						
	2) Improvement and construction of Ayicut roads				0.00	0.00	0.00	0.00	0.00					0.00		0.00		0.00		0.00		0.00		0.00		0:100	
9	One time grant to registered/elected WUAs					0.00	0.00	0.00	0.00																		
	1) No. Of Water user societies			2 Nos		0.00	0.00	0.00	0.00																		
	a) Functional grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45:45	
	b) Infrastructure grant				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25	
10	Ground water recharge			5 (Nos)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
11	Development of irrigation through conserved water			3 (Nos)	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
12	Software Activities																										
	1) Training (No. Of framers)			1000 Nos	0.00	0.00	0.00	0.00	0.00					500 Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25
	2) Ground Water Monitoring				0.00	0.00	0.00	0.00	0.00					0.00	1.00	1.00	0.00	0.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	50:50	
	3) Adoptive trails				0.00	0.00	0.00	0.00	0.00					0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0.00	75:25	
13	Evaluation and impact of CADA works after 3 years				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	100:00	
14	Miscellaneous				0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.70	0.00	0.57	0.57	0.00	0.57	0.57	1.81	0.91	0.91	0.00	0.00	0.00	0.00		
	TOTAL				0.00	0.00	0.00	0.00	0.00	10.69	6.04	6.04	0.00	1.57	1.57	1.81	4.91	12.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00		

ACTION PLAN FOR COMPLETION OF CAD&WM WORKS

Name of the project: Malaluru LIS
District: Chikmagalur

Contemplated Atchcut: 485.00 Ha
Balance Cost: Rs.420.00 lakhs
Total Cost: Rs.420.00 lakhs

Sl.No.	Activities	Target as per Original MOU Phy (Ha)	Progress achieved up to 31.03.2015	Balance programme							
				Balance		2017-18		2018-19		2019-20	
				Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)
1	Establishment										
2	Survey Planning and Design										
3	On farm Development activities (OFD)										
	a)Construction of field channels	436.00	109.22	100.00	25.05	100.00	25.05	236.00	59.12		
	b)Micro Irrigation	49.00	24.50	0.00	0.00	0.00	0.00	49.00	24.50		
4	Field Intermedite and Linked Drains	485.00	29.10	100.00	6.00	100.00	6.00	285.00	17.10		
5	Correction of system deficiency	-	-	-	-	-	-	-	-		
6	Reclamation of water logged area	50.00	25.00	-	-	-	-	50.00	25.00		
	1) Surface drainage	-	-	-	-	-	-	-	-		
	2) Sub Surface drainage	-	-	-	-	-	-	-	-		
7	Providing information on digital Map, canal work, clearing of nala works		15.00		5.00		5.00		5.00		
8	Aycut roads										
	1) Identification of Aycut Roads(Kim)		15.00		0.00		7.50		7.50		
	2)Improvement and construction of Aycut roads				0.00		60.00		60.00		
9	One time grant to registered/elected WUAs										
	1) No. Of Water user socities(Nos)		1.00								
	a) Functional grant		5.24	0.00	0.00	0.00	0.00	1.00	5.24		
	b)Infrastructure grant		3.80	0.00	0.00	0.00	0.00	3.80	3.80		
10	Ground water recharge (Nos)	4	20.00	0.00	0.00	2.00	10.00	2.00	10.00		
11	Development of irrigation through conserved water		2(Nos)	6.00				2.00	6.00		
12	Software Activities										
	1) Training (No. Of framers)		500.00	10.67	0.00	250.00	5.33	250.00	5.33		
	2) Ground Water Monitoring		10.00	0.00	0.00	2.00	8.00		8.00		
	3) Adoptive trails		10.00	0.00	0.00	0.00	10.00		10.00		
13	Evaluation and impact of CADA works after 3 years		5.00	0.64	0.00	0.00	5.00		5.00		
14	Miscellaneous		5.18	0.64	0.00	2.31	2.22		2.22		
	TOTAL		420.00	41.00	120.00	259.00					

Action Plan for completion of CAD W&M Works - Fund requirement

Name of the project: Malaluru LIS
District:Chikmagalur

Contemplated Atchcut: 485 Ha
Balance Cost: Rs.420.00 lakhs
Total Cost: Rs 420.00 lakhs

Sl No	Activities	Phy (Ha)	Balance		2016-17				2017-18				2018-19				2019-20				2020-21				Remarks			
			Phy (Ha)	Fin (Lakhs)	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share	Phy (Ha)	Fin (Lakhs)	Central share	State share				
			1	Establishment		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	0.00
2	Survey Planning and Design		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
3	On farm Development activities (OFD)		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.82	2.91	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
	a)Construction of field channels		46655.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
	b)Micro Irrigation		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
4	Field Intermedite and Linked Drains		485.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
5	Correction of system deficiency		-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
6	Reclamation of water logged area		50.00	25.00	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	50.00	25.00	12.50	12.50	0.00	0.00	0.00	0.00	0.00	0.00	50:50
	1) Surface drainage		-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
	2) Sub Surface drainage		-	-	0.00	0.00	0.00	0.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50:50	
7	Providing information on digital Map, canal work, clearing of nala works			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50	
8	Aycut roads				0.00	0.00	0.00	0.00	0.00	0.00																		
	1) Identification of Aycut Roads		15 Km		0.00	0.00	0.00	0.00	0.00			7.5 km						7.5 km										
	2)Improvement and construction of Aycut roads			0.00	0.00	0.00	0.00	0.00	0.00				0.00						0.00									0:100
9	One time grant to registered/elected WUAs				0.00	0.00	0.00	0.00	0.00																			
	1) No. Of Water user socities		1 Nos		0.00	0.00	0.00	0.00	0.00																			
	a) Functional grant			0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45:45
	b)Infrastructure grant			0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25
10	Ground water recharge		4 (Nos)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50
11	Development of irrigation through conserved water		2 (Nos)	0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50
12	Software Activities				0.00	0.00	0.00	0.00	0.00																			
	1) Training (No. Of framers)		500 Nos	0.00	0.00	0.00	0.00	0.00	0.00			250 Nos	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	75:25
	2) Ground Water Monitoring			0.00	0.00	0.00	0.00	0.00	0.00				0.00	1.00	1.00	0.00	0.00	0.00	4.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50:50
	3) Adoptive trails			0.00	0.00	0.00	0.00	0.00	0.00				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.50	2.50	0.00	0.00	0.00	0.00	0.00	75:25
13	Evaluation and impact of CADA works after 3 years			0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100:00
14	Miscellaneous			0.00	0.00	0.00	0.00	0.00	0.00			0.00	0.32	0.32	0.00	0.00	1.16	1.16	2.22	1.11	1.11	1.11	0.00	0.00	0.00	0.00	0.00	
	TOTAL			25.00	0.00	0.00	0.00	0.00	0.00			5.82	3.23	3.23	0.00	2.16	2.16	27.22	17.61	25.11	0.00	0.00	0.00	0.00	0.00	0.00		

Water Supply Department – Strategic Action Plan

Water Supply Projects Proposed in Chikkamagaluru District								
YEAR WISE MODULLE								
Misssion period 2016-2021		Amount in Lakh						
Sl. No	Components	Est cost	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Chikkamagaluru - (Yagachi reservoir at Belur town and Hirekolale pond at Chikkamagaluru as source under AMRUT IWSS Scheme)	10257.00	3441.00	3361.46	3454.54	0.00	0.00	10257.00
2	Kaduru - (Bhadra River near Bhadra Dam & Borewells as soruce under 24x7 WSS)	2138.00	0.00	0.00	1000.00	1000.00	138.00	2138.00
3	Koppa - (Thunga River & Hirekere pond & Borewells as source)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	Mudigere - (Hemavathi river & Sundekere halla & Borewells as source)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	Narasimharajapura - (Bhadra back water & Borewells as source)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6	Sringeri - (Tunga River & Borewells as source)	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Tarikere - Bhadra Right Bank Canal & Borewells under 24x7 WSS	6976.00	0.00	0.00	3000.00	3000.00	976.00	6976.00
8	Biruru - Bhadra River near Bhadra Dam & Borewells as source	2336.96	0.00	0.00	500.00	400.00	1436.96	2336.96
TOTAL		21707.96	3441.00	3361.46	7954.54	4400.00	2550.96	21707.96
Note :- The portable water is supplied to the consumers								
Under Ground Drinage Projects Proposed in Chikkamagaluru District								
YEAR WISE MODULLE								
Misssion period 2016-2021		Amount in Lakh						
Sl. No	Components	Est cost	2016-17	2017-18	2018-19	2019-20	2020-21	Total
1	Chikkamagaluru (20.0 MLD capacity MBBR (STP)	5700.00	5700.00	0.00	0.00	0.00	0.00	5700.00
2	Kaduru (4.77 MLD capacity STP) - Not sanctioned	3439.33	0.00	0.00	1000.00	1000.00	1439.33	3439.33
3	Koppa (0.90 MLD capacity STP)	1250.00	0.00	0.00	600.00	600.00	50.00	1250.00
4	Mudigere (3.02 MLD capacity STP) - Not sanctioned	5543.00	0.00	0.00	2500.00	2500.00	543.00	5543.00
5	Biruru (2.64 MLD capacity STP)	2390.36	2390.36	0.00	0.00	0.00	0.00	2390.36
Total		18322.69	8090.36	0.00	4100.00	4100.00	2032.33	18322.69
Note :- The Treated effluent water is used for agricultural purpose								

Upper Bhadra Project- Strategic Action Plan

Upper Bhadra Project								
Package -1								
Survey, Planning, Investigation, design, construction, testing and commissioning of Lift irrigation scheme including O & M for 5 years to Lifting of 21.5 TMC of water with a static head of approximate 80 m. over a period of 5 months in a year from Bhadra River to delivery chamber near proposed tunnel at Ajjampura including civil, electrical and mechanical works and procurement of power on lumpsum turnkey basis.								
Lifting of 21.50 TMC of water from Tunga River to Bhadra Dam								
Contract Amount: Rs.324.00 crores								
Amount Required : Rs. 294 Crores								
Canal Length: 11.267 KM								
Package-2								
Lifting of water upto 80 m. at 2 stages and Dry run of water upto package -3 tunnel,								
Contract Amount: Rs. 1032.00 Crores								
Amount Required: Rs. 423.58 crores (2016-17)								
Canal length – 40.29 km								
Quantity - 29.90 TMC								
Package - 3								
Sl.No.	Name of the Blocks/sub Districts	Concerned Ministry/Department	component	Activity	Total Number/Capacity (cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 Yrs)	Estimated cost (in Rs Lakhs)
1	Tarikere Taluk (Chikkamagalur dist)	Irrigation Dept.	Canal	Irrigation	3.313*10 ⁶	1628	5 Yrs	8905.16
2	Kadur Taluk (Chikkamagalur dist)	Irrigation Dept.	Canal		41.8*10 ⁶	20502	5 Yrs	112145.94
3	Tarikere Taluk (Chikkamagalur dist)	Irrigation Dept.	Lift	Irrigation	41.8*10 ⁶	20150	5 Yrs	110022.5
Total						42280		231073.6
Executive Engineer, KNNL, UBP Division No-3 Ajjampura								
Package - 4								
Sl.No.	Name of the Blocks/sub Districts	Concerned Ministry/Department	component	Activity	Total Number/Capacity (cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 Yrs)	Estimated cost (in Rs Lakhs)
1	Tarikere Taluk (Chikkamagalur dist)	Irrigation Dept.	Upper Bhadra Project Chitradurga branch canal	Irrigation	1.15*10 ⁶	411	5 Yrs	2248.17
2	Kadur Taluk (Chikkamagalur dist)	Irrigation Dept.	Upper Bhadra Project Chitradurga branch canal	Irrigation	5.21*10 ⁶	1864	5 Yrs	10196.08
Total						2275		12444.25
Assistant Executive Engineer, KNNL, UBP Sub Division No-9 Ajjampura								
Executive Engineer, KNNL, UBP Division No-4 Hosadurga								

State Department of Agriculture - Strategic Action Plan

Programme for implemntation of Micro Irrigation-Chikkamagaluru District Department of Agriculture																				
Taluk	2016-17				2017-18				2018-19				2019-20				Total			
	DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP	
	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Chickmagalur	1000	176.00	0	0.00	1100	194.00	0	0.00	1200	212.00	0	0.00	1300	229.00	0	0	4600	811.00	0	0.00
Mudigere	351	62.00	0	0.00	395	70.00	0	0.00	415	73.00	0	0.00	455	80.30	0	0	1616	285.30	0	0.00
Koppa	710	125.00	0	0.00	728	128.00	0	0.00	795	140.00	0	0.00	850	150.00	0	0	3083	543.00	0	0.00
N.R.Pura	0	0.00	324	57.00	0	0.00	368	65.00	0	0.00	395	70.00	0	0.00	430	76	0	0.00	1517	268.00
Sringeri	347	61.00	0	0.00	395	70.00	0	0.00	432	76.00	0	0.00	395	69.70	0	0	1569	276.70	0	0.00
Tarikere	1000	176.00	0	0.00	1100	194.00	0	0.00	1200	212.00	0	0.00	1300	229.00	0	0	4600	811.00	0	0.00
Kadur	1100	194.00	0	0.00	1200	212.00	0	0.00	1300	229.00	0	0.00	1440	254.00	0	0	5040	889.00	0	0.00
Total	4508	794.00	324	57.00	4918	868.00	368	65.00	5342	942.00	395	70.00	5740	1012.00	430	76	20508	3616.00	1517	268.00

State Department of Horticulture - Strategic Action Plan

Programme for implementation of Micro Irrigation - Chikkamagaluru District										Department of Horticulture													
Taluk	2016-17				2017-18				2018-19				2019-20				Total						
	DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP		DPAP		Non-DPAP				
	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin			
Drip irrigation system(wide spaced crop)	900	307.15	32	8.33	985	335.79	53	14.06	1075	367.05	95	26.10	1135	388.36	116	33.08	4095	1398.35	296	81.57			
Drip irrigation (close spaced crop)	210	173.23	0	0.00	255	211.10	0	0.00	295	244.48	0	0.00	330	274.66	0	0.00	1090	903.47	0	0.00			
Micro sprinkler irrigation system	3	1.59	0	0.00	5	2.65	0	0.00	5	2.65	0	0.00	10	5.30	0	0.00	23	12.19	0	0.00			
Mini sprinkler irrigation system	2	1.53	0	0.00	4	3.07	0	0.00	4	3.07	0	0.00	6	4.60	0	0.00	16	12.27	0	0.00			
Portable sprinkler irrigation system	2	0.35	0	0.00	4	0.71	0	0.00	4	0.71	0	0.00	5	1.06	0	0.00	15	2.83	0	0.00			
Total	1117	483.85	32	8.33	1253	553.32	53	14.06	1383	617.96	95	26.10	1486	673.98	116	33.08	5239	2329.11	296	81.57			

PMKSY – Watershed Department – Strategic Action Plan

PMKSY -WD Taluk wise, Batch wise Area Planned For Development

Taluk	Area to be Developed (in Ha.)						
	Batch-III	Batch-IV	Batch-V	Batch-VI	Batch-VII	Batch-VIII	Total
Chikkamagaluru	0.00	5224.19	0.00	0.00	4927.65	0.00	10151.84
Mudigere	4131.20	0.00	0.00	7130.99	0.00	0.00	11262.19
Koppa	4242.57	0.00	0.00	0.00	0.00	0.00	4242.57
Sringeri	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.R Pura	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tarikere	2600.00	0.00	5055.11	5149.21	0.00	5216.42	18020.74
Kadur	2077.36	0.00	0.00	5028.58	4572.05	10230.06	21908.05
Total	13051.13	5224.19	5055.11	17308.78	9499.70	15446.48	65585.39

Batch wise and Component wise Allocation of Funds

Component	Allocation (in Lakhs)						
	Batch-III	Batch-IV	Batch-V	Batch-VI	Batch-VII	Batch-VIII	Total
Administrative Cost	176.19	70.53	68.24	233.67	128.25	208.53	885.41
Monitoring	17.62	7.05	6.82	23.37	12.82	20.85	88.53
Evaluation	17.62	7.05	6.82	23.37	12.82	20.85	88.53
Entry Point Activity	70.48	28.21	27.3	93.47	51.3	83.41	354.17
Detailed Project Report	17.62	7.05	6.82	23.37	12.82	20.85	88.53
Institution & Capacity Building	88.1	35.26	34.12	116.83	64.12	104.26	442.69
Watershed works	986.67	394.95	382.17	1308.55	718.18	1167.75	4958.27
Livelihood activities for the asset-less persons	158.57	63.47	61.42	210.3	115.42	187.67	796.85
Production system and micro enterprises.	176.19	70.53	68.24	233.67	128.25	208.53	885.41
Consolidation Phase	52.86	21.16	20.47	70.1	38.47	62.56	265.62
Flexi Funds	195.77	78.36	75.83	259.63	142.5	231.7	983.79
Total	1957.69	783.62	758.25	2596.33	1424.95	2316.96	9837.8

Year wise and Component wise Allocation of Funds (Water Harvesting Structures)											
Component	Unit	2016-17		2017-18		2018-19		2019-20		Total	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Entry Point Activity (WHS)	No.	26	76.641	17	51.09	20	61.31	22	66.42	85	255.461
Trench cum Bunding	Ha.	1158	173.75	772	115.83	926	139	1003	150.58	3859	579.16
Farm pond	No.	180	81	120	54	144	64.8	156	70.2	600	270
Check dam / Vented dam	No.	24	116.53	16	77.69	19	93.23	20	101	79	388.45
Nala bund	No.	19	92.16	13	61.44	15	73.73	17	79.87	64	307.2
Gokatte	No.	13	60.75	9	40.5	11	48.6	12	52.65	45	202.5
Boulder check / Rubble check / LRRS	No.	48	12	32	8	38	9.6	42	10.4	160	40
Recharge pits	No.	36	14.4	24	9.6	29	11.52	31	12.48	120	48
Straggered trenching	Ha.	554	221.748	369	147.83	443	177.39	480	192.18	1846	739.148
Rejuvenation of tanks	No.	17	43.5	12	29	14	34.8	15	37.7	58	145
Dry land Horticulture	Ha.	1189	297.49	793	198.33	951	237.99	1031	257.83	3964	991.64
Agro forestry	Ha.	2704	297.49	1803	198.33	2163	237.99	2343	257.83	9013	991.64
Total			1487.459		991.64		1189.96		1289.14		4958.199

PMKSY-OI (Per drop more crop) Supplementary water management activities

Component	Units	2016-17		2017-18		2018-19		2019-20		Total	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Trench cum Bunding	Ha.	420	63	280	42	364	54.6	336	50.4	1400	210
Farm pond	No.	249	112.05	166	74.7	216	97.11	199	89.64	830	373.5
Check dam / Vented dam	No.	17	84	11	56	15	72.8	14	67.2	57	280
Nala bund	No.	20	90.72	12	60.48	17	78.62	14	72.576	63	302.396
Gokatte	No.	9	39.15	6	26.1	8	33.93	6	31.32	29	130.5
Gully plugs	No.	76	21.53	50	14.35	65	18.66	62	17.22	253	71.76
Recharge pits	No.	22	8.88	15	5.92	20	7.7	17	7.104	74	29.604
Rejuvenation of tanks	No.	11	27.75	7	18.5	9	24.05	10	22.2	37	92.5
Total			447.08		298.05		387.47		357.66		1490.26

Shelf of Projects - Dept. of Agriculture (Fin: Lakhs)

Component	Units	2016-17		2017-18		2018-19		2019-20		Total	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
Trench cum Bunding	Ha.	185	27.8	201	30.12	178	26.64	208	31.28	772	115.84
Farm pond	No.	29	12.96	31	14.04	28	12.42	32	14.58	120	54
Check dam / Vented dam	No.	4	18.65	4	20.2	4	17.87	4	20.98	16	77.7
Nala bund	No.	3	14.75	3	15.97	3	14.13	4	16.59	13	61.44
Gokatte	No.	2	9.72	2	10.53	2	9.32	3	10.94	9	40.51
Boulder check / Rubbel check / LRRS	No.	8	1.92	8	2.08	7	1.84	9	2.16	32	8
Recharge pits	No.	6	2.3	6	2.5	6	2.21	6	2.59	24	9.6
Straggered trenching	Ha.	89	35.48	96	38.44	85	34	100	39.91	370	147.83
Rejuvenation of tanks	No.	3	6.96	3	7.54	3	6.67	3	7.83	12	29
Dry land Horticulture	Ha.	190	47.6	206	51.57	182	45.62	215	53.55	793	198.34
Agro forestry	Ha.	433	47.6	469	51.57	415	45.62	486	53.55	1803	198.34
Total			225.74		244.56		216.34		253.96		940.60

PMKSY – MGNREGA Strategic Action Plan

Strategic Action plan for Irrigation in the District under PMKSY - MGNREGA															
Dist: Chikmagalur															
S.No	Name of the Districts Concerned	Ministry/Department	Component	Activity	Types of works	Total Number/Capacity(cum)	Command Area/Irrigation Potential(Ha)	Period of Implementation*/ 7 yrs)					Estimated cost (in Laks.)		
								2016-17	2017-18	2018-19	2019-20	2020-21			
14		MOA &FW-DAC&FW	crop (Supplementary water management activities)	Drought Proofing through check Dams/Water Harvesting Structures Convergence with MGNREGA	Multi arch check Dams	168	366	31	32	42	37	26	413		
					Raising and Planting seedlings	194	0	38	38	38	38	42	164		
19	Chikmagalur	DoRD-MoRD	Convergence with MGNREGA	Water Conservation:	Newly Created								5763.6		
19.1		DoRD-MoRD			Boulder checks, ,	3095	510	1027	868	751	0	0			
		DoRD-MoRD			percolation tanks,	447	265	159	103	196	0	0			
		DoRD-MoRD			water ponds	381	210	89	95	197	0	0			
		DoRD-MoRD			recharge structure, ,	2933	465	586	598	578	597	574			
		DoRD-MoRD			open well	682	1600	142	136	118	164	122			
		DoRD-MoRD			Recharge well	858	395	520	338	0	0	0			
19.2		DoRD-MoRD			Water Harvesting:	-									
19.3		DoRD-MoRD			Creation of Irrigation canals and	Feeder canals and	2362	2386	479	479	478	470		456	1573.25
19.4		DoRD-MoRD			Drains:	distribution canals									
19.5	DoRD-MoRD	Providing Infrastructure for Irrigation:	Dug wells	350	400	70	70	70	70	70	105				
			Land Development	farm fond	1796	758	601	341	298	296	260	975.1			
20	DoRD-MoRD			bundling	1715	1703	361	342	351	330	331	318			
					Renovation										
20.1	DoRD-MoRD	Renovation of water bodies including desilting:	Tank Desilting	809	2069	158	169	176	172	134	1556.1				
20.2	DoRD-MoRD	Renovation & Maintenance of Irrigation Canals & Drains:	Deepening of canals and drains	302	515	68	80	68	49	37	325.5				
				Total								11193.55			

Forest Department – Strategic Action Plan

Strategic Action Plan for Irrigation under PMKSY									
Forest Department									
Name of the Division	Check Dam/ Nala bund (Nos.)	Fin. Unit cost @ Rs. 5.00 lakh	Gully check/ (Nos.)	Fin. Unit cost @ Rs. 10000.00	Check dams at lower reaches (Nos)	Fin. Unit cost @ Rs. 20.00 lakh	Percolation Tank/ Percolation Pits (Nos)	Fin. Unit cost @ Rs. 3000/ Pit	Total Amount required
2	3	4	5	6	7	8	9	10	11
Chikmagalur	50	250.00	500	50.00	20	400.00	1000	30.00	730.00
Koppa	60	300.00	600	60.00	20	400.00	1200	36.00	796.00
Bhadra Tiger Reserve	20	100.00	200	20.00	5	100.00	500	15.00	235.00
Total	130	650.00	1300	130.00	45	900.00	2700	81.00	1761.00