

GOVERNMENT OF KARNATAKA

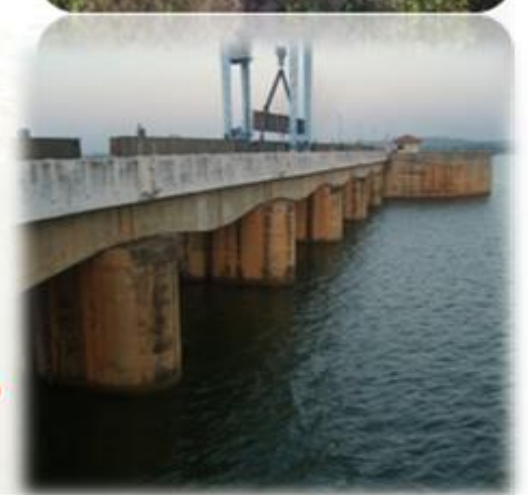


DISTRICT IRRIGATION PLAN

UNDER

**PRADHAN MANTRI KRISHI SINCHAYEE
YOJANA (PMKSY)
2016-17**

BIDAR DISTRICT (KARNATAKA STATE)



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Executive Summary

I. Introduction:

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

PMKSY aims at amalgamation of ongoing schemes viz. Accelerated Irrigation Benefit Programme (AIBP) of the Ministry of Water Resources, River Development & Ganga Rejuvenation (MoWR, RD&GR), Integrated Watershed Management Programme (IWMP) of Department of Land Resources (DoLR) and the On Farm Water Management (OFWM) of Department of Agriculture and Cooperation (DAC).

The scheme will be implemented by Ministry of Agriculture, Water Resources and Rural Development. Ministry of Rural Development is to mainly undertake rain water conservation, construction of farm pond, water harvesting structures, small check dams and contour Bunding etc. MOWR, RD &GR, is to undertake various measures for creation of assured irrigation source, construction of diversion canals, field channels, water diversion/lift irrigation, including development of water distribution systems. Ministry of Agriculture will promote efficient water conveyance and precision water application devices like drips, sprinklers, pivots, rain-guns in the farm "***Jal Sinchan***", construction of micro-irrigation structures to supplement source creation activities, extension activities for promotion of scientific moisture conservation and agronomic measures

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

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

Components and responsible Ministries/ Departments

1. AIBP by MoWR, RD &GR: To focus on faster completion of ongoing Major and Medium Irrigation including National Projects.
2. PMKSY (Har Khet ko Pani) by MOWR, RD & GR: Creation of new water sources through Minor Irrigation (both surface and ground water). Repair, restoration and renovation of water bodies; strengthening carrying capacity of traditional water sources, construction rain water harvesting structures (*Jal Sanchay*); Command area development, strengthening and creation of distribution network from source to the farm. Improvement in water management and

distribution system for water bodies to take advantage of available source which is not utilised to its fullest capacity (deriving benefits from low hanging fruits).

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

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

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

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

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

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

District Irrigation Plans (DIPs)

District Irrigation Plan (DIP) shall be the cornerstone for planning and implementation of PMKSY. DIP will identify the gaps in irrigation infrastructure after taking into consideration the District Agriculture Plans (DAPs) already prepared for Rashtriya Krishi Vikas Yojana (RKVY) vis-a-vis irrigation infrastructure currently available and resources that would be added during XII Plan from other ongoing schemes (both State and Central), like Mahatma Gandhi National Rural Employment Guarantee Scheme(MGNREGS), Rashtriya KrishiVikash Yojana (RKVY), Rural Infrastructure Development Fund (RIDF), Member of Parliament, Local Area Development (MPLAD) Scheme, Member of Legislative Assembly Local Area Development (MLALAD) Scheme, Local body funds etc. The gaps indentified under Strategic Research & Extension Plan (SREGP) are be used in preparation of DIP.DIPs will present holistic irrigation development perspective of the district outlining medium to long term development plans

integrating three components viz. water sources, distribution network and water use applications incorporating all usage of water like drinking & domestic use, irrigation and industry. Preparation of DIP will be taken up as joint exercise of all participating departments. DIP will form the compendium of all existing and proposed water resource network system in the district.

The DIPs may be prepared at two levels, the block and the district. Keeping in view the convenience of map preparation and data collection, the work would be primarily done at block level. Block wise irrigation plan is to be prepared depending on the available and potential water resources and water requirement for agriculture sector prioritising the activities based on socio-economic and location specific requirement. In case of planning is made based on basin/sub basin level, the comprehensive irrigation plan may cover more than one district. The activities identified in the basin/sub-basin plan can be further segregated into district/ block level action plans. Use of satellite imagery, topo sheets and available data base may be appropriately utilised for developing irrigation plans at least on pilot basis to begin with and subsequently extended to all projects.

II. Background

Hon'ble President in his address to the joint Session of the Parliament of 16th Lok Sabha indicated that "Each drop of water is precious. Government is committed to giving high priority to water security. It will complete the long pending irrigation projects on priority and launch the 'Pradhan Mantri Krishi Sinchayee Yojana' with the motto of *'Har Khet Ko Paani'*."

There is a need for seriously considering all options including linking of rivers, where ever feasible; for ensuring optimal use of water resources to prevent the recurrence of floods and drought. By harnessing rain water through '*Jal Sanchay*' and '*Jal Sinchan*', we will nurture water conservation and ground water recharge. Micro irrigation will be to ensure 'Per drop-More crop'. Out of about 141 m.Ha of net area sown in the country, about 65 million hectare (or 45%) is presently covered under irrigation. Substantial dependency on rainfall makes cultivation in un-irrigated areas a high risk, less productive profession. Empirical evidences suggest that assured or protective irrigation encourages farmers to invest more in farming technology and inputs leading to productivity enhancement and increased farm income. The overreaching vision of *Pradhan MantriKrishi Sinchayee Yojana (PMKSY)* will be to ensure access to some means of protective irrigation to all agricultural farms in the country, to produce 'per drop more crop', thus bringing much desired rural prosperity.

III. Vision

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

IV. Objective

Following are the objectives:

A. Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (*Har Khet ko pani*).

B. Integration of water source, distribution and its efficient use, to make best use of water through appropriate technologies and practices.

C. Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent.

D. Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).

- Enhance the physical access of water on the farm and expand cultivable area under assured irrigation (*Har Khetko pani*).
- Integration of water source, distribution application and Water use efficiencies to make best use of water through appropriate technologies and practices.
- Improve on-farm water use efficiency to reduce wastage and increase availability both in duration and extent.
- Enhance the adoption of precision-irrigation and other water saving technologies (More crop per drop).
- Enhance recharge of aquifers and introduce sustainable water conservation practices.
- Ensure the integrated development of rain fed areas using the watershed approach towards soil and water conservation, regeneration of ground water and arresting runoff.

- ❑ Promote extension activities relating to water harvesting, water management and crop alignment for farmers and grass root level field functionaries.
- ❑ Explore the feasibility of reusing treated municipal wastewater for peri-urban agriculture.

V. Strategy /approach

- ❑ Creation of new water sources; repair, restoration and renovation of defunct water sources; construction of water harvesting structures, secondary & micro storage, ground water development
- ❑ Developing/augmenting distribution network where irrigation sources (both assured and protective) are available or created;
- ❑ Promotion of scientific moisture conservation and run off control measures to improve ground water recharge so as to create opportunities for farmer to access recharged water through shallow tube/dug wells;
- ❑ Promoting efficient water conveyance and field application devices within the farm *viz*, underground piping system, Drip & Sprinklers
- ❑ Encouraging community irrigation through registered user groups.
- ❑ Farmer oriented activities like capacity building, training and exposure visits, demonstrations, farm schools, skill development in efficient water and crop management practices (crop alignment) including large scale awareness on more crop per drop of water through mass media campaign, exhibitions, field days, and extension activities through short animation films etc.

Rationale/ Justification Statement: In reference to the status and need of irrigation.

The **Bidar** District is located in **Karnataka** state in **Southern** part of India having total population of **1703300**. The district has total area of **541765** Ha out of Which **4.202** % is urban, **95.798%** is rural area, **0%** is flood prone, and **64.5%** is drought prone (arid/semi T arid). Total water resources available with the district is **787.31** MCM out of which about **78%** is allocated for irrigation, **5%** for industrial and **17** % is for domestic/drinking purpose. The region is going through **urbanization** (urbanization / industrialization / smart city / etc.). The total population dependent on agriculture is **1277348** and total number of marginal farmers are **177233** .

Present day Bidar covers an expanse of 5448 square kilometers of land and lies between 17°35' and 18°25' North latitudes and 76°42' and 77°39' east longitudes. Maharashtra on the west and on the south lays the district of Gulbarga of Karnataka. This central position in the Deccan had for long imparted to Bidar, the pre-eminent position in the history of the Deccan.

Chapter 1: General Information of the District

Related to the general information of the district such as district profile, demography, biomass & livestock, agro- ecology, climate, hydrology and topography, soil profile, soil erosion and runoff status & land use pattern of district.

1.1 General Characteristics of the District

The **Bidar district** is the northernmost part of the Karnataka state in India. Geographically, it resembles the **Crown of the State** occupying its northeastern tip. It is bounded by Nizamabad and Medak districts of Telangana state on the eastern side, Latur and Osmanabad districts of Maharashtra state on the western side, Nanded district of Maharashtra state on the northern side and Gulbarga district on southern side.

The Bidar district is constituted by five talukas viz. Aurad, Basavakalyan, Bhalki, Bidar and Humnabad with **Bidar** being the headquarters of the district. It is connected with NH9 and NH218.

In Bidar district both food crops and non food crops are cultivated. Among food crops Jowar stands first and are followed by Paddy, Wheat, Maize and pulses. In case of non food crops Sugar cane ranks first in the district remaining crops are paddy, Redgram, Greengram, Blackgram, Bengalgram and Soybean.

Table:-01 General Information of the District

1.1 District Profile Source: Gazetteer, Census Report, any other source of Government				
Sl. No.	Name of the District	District code	Latitude	Longitude
1	Bidar	558	17.35'N to 18.25'N	76.42'E to 77.39'E

1.2 Location & Geographical Area:

Bidar district is bounded by Maharashtra state on the North, Nanded (Maharashtra) on East, Karimnagar & Nizamabad district on South. Geographical area is about 541765 ha. The total geographical area of the district as per the provisional figures computed by the Survey of India is 5,451 km², while the reporting area of the district for land-utilization purposes, as worked out by the State Department of Survey Settlement and Land Records and local bodies, is 5,448 km².

Figure-01: District Location Map

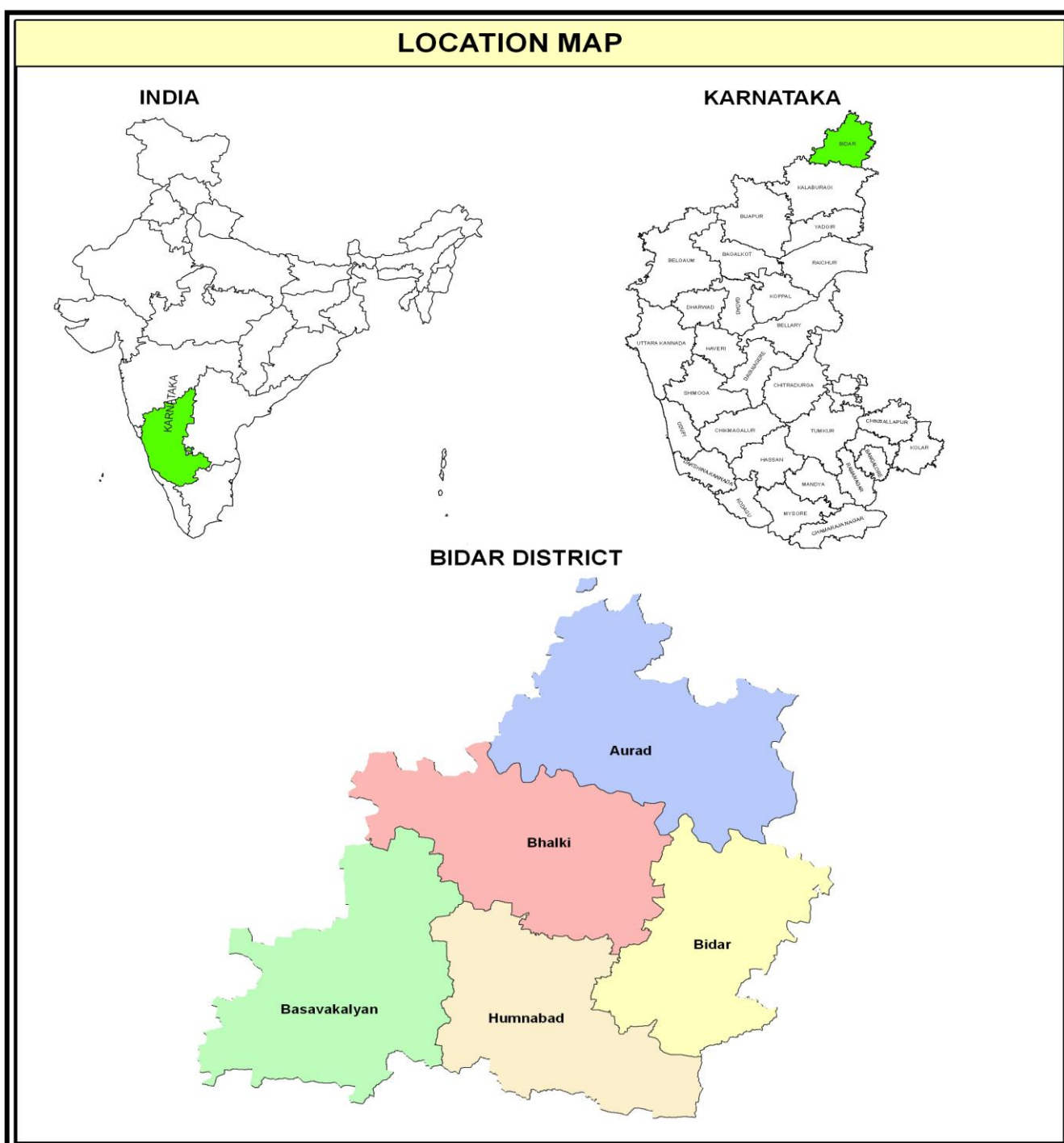
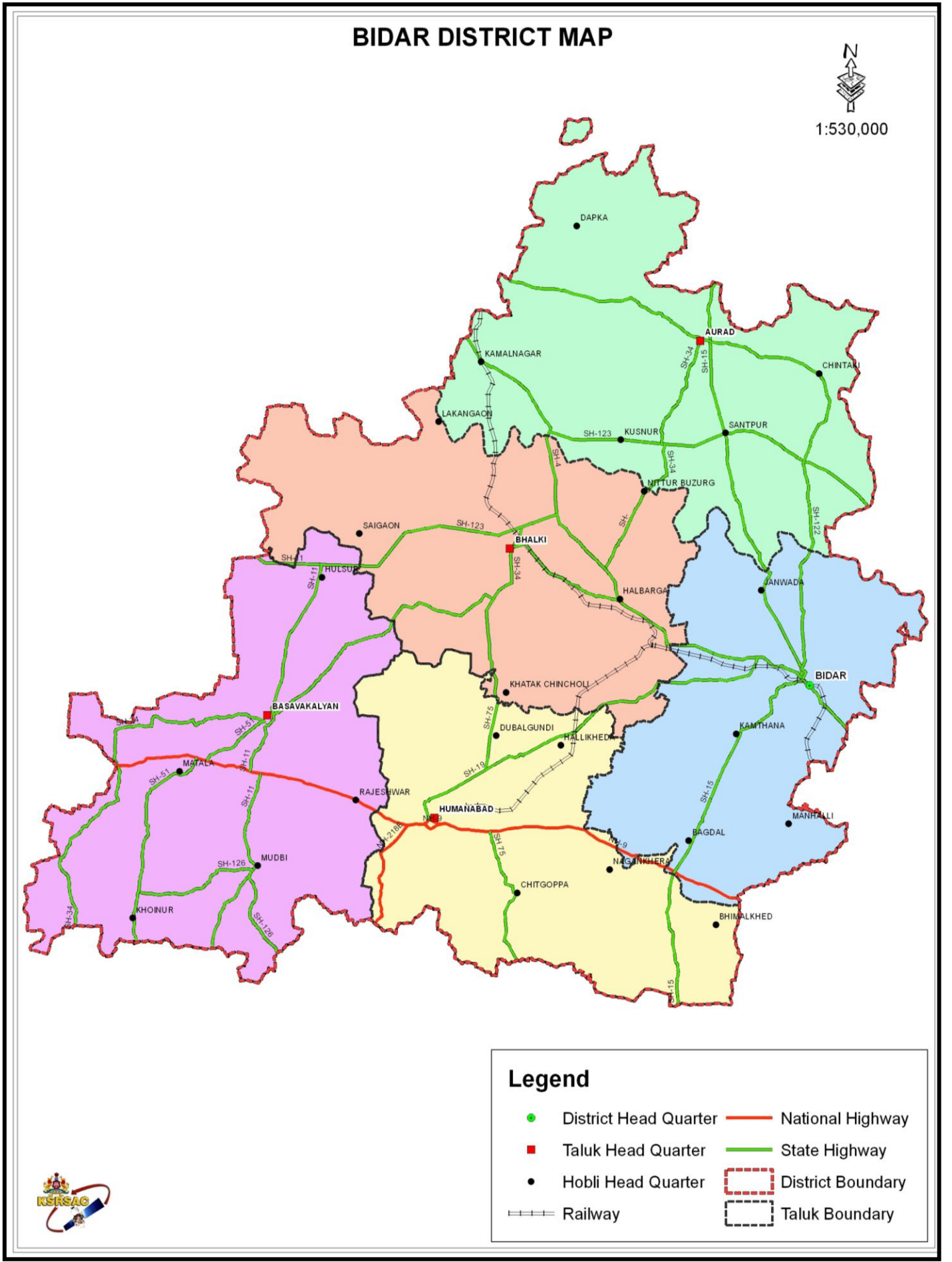


Figure-02: Bidar district Map



1.3 Agro Ecology, climate, Hydrology and Topography:

Agro Ecology:

Bidar district comes under Zone-1 (N-E transitional Zone) of Agro Climatic Zone. This zone covers entire 5 talukas of the Bidar District and Aland and Chincholi Talukas of Gulbarga District. The Major crops of the Bidar District are Jowar, Gram, Tur, Other Pulses, Small millets, Bajra, Groundnut and other oilseeds and Paddy crops.

Climate:

The district experiences semi arid climate with extreme summer. The dust storms and severe heat waves are common in the district between April and May. The temperature begins to rise towards end of February till end of May, Which is the hottest months of the year. The coldest months are December and January. The temperature varies in the district between 20°C to 42°C.

Hydrology:

The district in having fractured basalt and weathered vesicular basalt. Basalt is the major water bearing formation. The pre-monsoon depth to water level ranges from 1.45 to 17.73 mbgl. Post monsoon depth to water level ranges from 0.69 to 16.46 mbgl.

Topography:

The district extends from latitude 17.35'N to 18.25'N and from the longitudes 76.42'E to 77.39'E which is located on the *northern maidans* of Karnataka which provides a mountainous treeless expansive [plateau landscape](#). The ancient [schistose](#) rocks are covered by the [Deccan Traps \(Cretaceous eocene\)](#). The most remarkable character of these traps is their perfectly horizontal disposition. The traps [weather](#) with a characteristic spheroidal weathering and the trap area is strewn with numerous dark-coloured [boulders](#) of all shapes and sizes. The [soils](#) covering this region are black to deep brown in colour which are rich in [humus](#) and form some of the most valuable fertile lands in the country, well suited for cultivating [pulses](#).

Table-02: 1.3 Agro Ecology, Climate, Hydrology and Topography of Aurad Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Aurad

Sl No.	Agro Ecological Zone Type	Tyoe of Terrain	Block area (ha)	Average Monthly Rainfall (mm)		No Of Rainy days	Maximum Rainfall Intensity			Average Weekly Temperature (*C)						Potential Evapo Transpiration (PET)			Elevation						
							Upt o 15 Min.	Beyo nd 15 but upto 30 Min	Bey ond 30 but upt o 60 Min	Period						Period			Cumulative Total	Min	Ma x	Mea n			
										Summer (April/May)			Winter (Oct-Mar.)			Rainy (June-Sept)							Sum mer	Wint er	Rainy Seaso n
										Min	Ma x	Mea n	Min	Max	Mea n	Min	Ma x	Mea n							
1	North-Eastern Transitional Zone	Plain and Partly Hilly	121622	January	4	NOT AVAILABLE	24	39	31.4	15	32	23.3	21	34	26	370.2	551.2	609.77	1531.2	640	684	618			
2				February	8																				
3				March	9																				
4				April	14																				
5				May	27																				
6				June	139																				
7				July	202																				
8				August	206																				
9				September	154																				
10				October	87																				
11				November	20																				
12				December	8																				
			878	45																					

(Source: IMD, regional ICAR centre(s), SAUs, KVKs etc.)

Table-03: 1.3 Agro Ecology, Climate, Hydrology and Topography of Basavakalyan

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Basavakalyan

Sl No.	Agro Ecological Zone Type	Tyoe of Terrain	Block area (ha)	Average Monthly Rainfall (mm)		No Of Rainy days	Maximum Rainfall Intensity			Average Weekly Temperature (*C)									Potential Evapo Transpiration (PET)				Elevation		
							Upto 15 Min.	Beyond 15 but upto 30 Min	Beyond 30 but upto 60 Min	Period									Period			Cumulative Total	Min	Max	Mean
										Summer (April/May)			Winter (Oct-Mar.)			Rainy (June-Sept)			Sum mer	Win ter	Rainy Season				
										Min	Max	Mean	Min	Max	Mean	Min	Max	Mean							
1	North-Eastern Transitional Zone	Plain and Partly Hilly	121622	January	7	NOT AVAILABLE	24	39	31.4	15	32	23.3	21	34	26	370.2	551.2	609.77	1531.2	640	684	618			
2				February	6																				
3				March	15																				
4				April	15																				
5				May	29																				
6				June	87																				
7				July	177																				
8				August	199																				
9				September	190																				
10				October	77																				
11				November	13																				
12				December	6																				
				821	49																				

(Source: IMD, regional ICAR centre(s), SAUs, KVKs etc.)

Table-04: 1.3 Agro Ecology, Climate, Hydrology and Topography of Bhalki Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Bhalki

Sl No.	Agro Ecological Zone Type	Tyoe of Terrain	Block area (ha)	Average Monthly Rainfall (mm)		No Of Rainy days	Maximum Rainfall Intensity			Average Weekly Temperature (*C)									Potential Evapo Transpiration (PET)				Elevation		
							Upto 15 Min.	Beyond 15 but upto 30 Min	Beyond 30 but upto 60 Min	Period									Period			Cumulative Total	Min	Max	Mean
										Summer (April/May)			Winter (Oct-Mar.)			Rainy (June-Sept)			Sum mer	Win ter	Rainy Season				
										Min	Max	Mean	Min	Max	Mean	Min	Max	Mean							
1	North-Eastern Transitional Zone	Plain and Partly Hilly	121622	January	6	NOT AVAILABLE	24	39	31.4	15	32	23.3	21	34	26	370.2	551.2	609.77	1531.2	640	684	618			
2				February	4																				
3				March	10																				
4				April	25																				
5				May	32																				
6				June	129																				
7				July	176																				
8				August	201																				
9				September	177																				
10				October	95																				
11				November	19																				
12				December	6																				
				880	50																				

(Source: IMD, regional ICAR centre(s), SAUs, KVKs etc.)

Table-05: 1.3 Agro Ecology, Climate, Hydrology and Topography of Bidar Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Bidar

Sl No.	Agro Ecological Zone Type	Tyoe of Terrain	Block area (ha)	Average Monthly Rainfall (mm)		No Of Rainy days	Maximum Rainfall Intensity			Average Weekly Temperature (*C)									Potential Evapo Transpiration (PET)				Elevation		
							Upto 15 Min.	Beyond 15 but upto 30 Min	Beyond 30 but upto 60 Min	Period									Sum mer	Win ter	Rainy Season	Cumulative Total	Min	Max	Mean
										Summer (April/May)			Winter (Oct-Mar.)			Rainy (June-Sept)									
										Min	Max	Mean	Min	Max	Mean	Min	Max	Mean							
1	North-Eastern Transitional Zone	Plain and Partly Hilly	121622	January	6	NOT AVAILABLE	24	39	31.4	15	32	23.3	21	34	26	370.2	551.2	609.77	1531.2	640	684	618			
2				February	5																				
3				March	12																				
4				April	26																				
5				May	33																				
6				June	149																				
7				July	218																				
8				August	204																				
9				September	183																				
10				October	101																				
11				November	26																				
12				December	5																				
				968	55																				

(Source: IMD, regional ICAR centre(s), SAUs, KVKs etc.)

Table-06: 1.3 Agro Ecology, Climate, Hydrology and Topography of Humnabad Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Humnabad

Sl No.	Agro Ecological Zone Type	Tyoe of Terrain	Block area (ha)	Average Monthly Rainfall (mm)		No Of Rainy days	Maximum Rainfall Intensity			Average Weekly Temperature (*C)									Potential Evapo Transpiration (PET)				Elevation		
							Upto 15 Min.	Beyond 15 but upto 30 Min	Beyond 30 but upto 60 Min	Period									Period			Cumulative Total	Min	Max	Mean
										Summer (April/May)			Winter (Oct-Mar.)			Rainy (June-Sept)			Sum mer	Win ter	Rainy Season				
										Min	Max	Mean	Min	Max	Mean	Min	Max	Mean							
1	North-Eastern Transitional Zone	Plain and Partly Hilly	121622	January	6	NOT AVAILABLE	24	39	31.4	15	32	23.3	21	34	26	370.2	551.2	609.77	1531.2	640	684	618			
2				February	7																				
3				March	8																				
4				April	21																				
5				May	35																				
6				June	132																				
7				July	167																				
8				August	175																				
9				September	168																				
10				October	91																				
11				November	18																				
12				December	5																				
				833	47																				

(Source: IMD, regional ICAR centre(s), SAUs, KVKs etc.)

1.4 Administrative Setup

The district comprises of 5 blocks, 175 Gram panchayats and 621 total no. Of villages. Out of which 599 are habituated and 22 villages are uninhabited. There are 6 municipalities in the District. The district population of 1700018 persons with density of 312 persons per sq.km.

Table-07: Taluka-wise Details of Area and Villages

Sl. No	Taluka	Area (Sq. Km)	No. Of Villages	
			Inhabited	uninhabited
1	Aurad	1216.22	151	1
2	Basavakalyan	1194.38	112	3
3	Bhalki	1092.59	130	3
4	Bidar	922.03	124	10
5	Humnabad	922.43	82	5
	Total	5347.65	599	22

1.5 Demography:

According to the [2011 census](#) Bidar district has a [population](#) of 1,700,018, roughly equal to the nation of The Gambia or the US state of [Nebraska](#). This gives it a ranking of 287th in India (out of a total of [640](#)). Bidar district accounts for 2.84% of total area of the state and it is home for 2.78% of the total population in the state. The district has a population density of 312 inhabitants per square km. (810/sq mt). Its [population growth rate](#) over the decade 2001-2011 was 13.16%. Bidar has a [sex ratio](#) of 952 [females](#) for every 1000 males, and a [literacy rate](#) of 71.01%.

Most of the north Karnataka is a fusion of the [Dravidian](#) and [Aryan](#) races. Medieval times also saw a continuous influx of [Turks](#), [Moghals](#), [Iranians](#), [Afghans](#) and [Arab](#).

Table-08: 1.5: Demography details of Aurad Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Aurad

Name of the Gram Panchayat	Name of the Villages Covered	Code of Villages covered	Population				SC		ST		General		Total	
			M	F	CH*	Total	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members
BADALGAON	ALLAPUR	600058	259	251	79	589	48	335	0	0	37	254	88	589
	BADALGAON	600049	724	711	185	1620	116	742	9	64	133	814	258	1620
	DUDUKNAL	600047	629	648	160	1437	21	148	27	189	181	1100	229	1437
	MOMADAPUR	600057	580	566	139	1285	65	457	2	13	116	815	183	1285
	NARASIMHAPUR	600051	0	0	0	0	0	0	0	0	0	0	0	0
	NARAYANPUR	600050	522	464	114	1100	53	347	8	40	116	713	177	1100
	WANMARPALLI	600050	783	673	168	1624	33	236	55	390	198	998	264	1624
BALAT (B)	BALAD (K)	600026	636	616	167	1419	36	221	120	786	70	412	226	1419
	BALAT (B)	600027	645	599	129	1373	65	357	39	211	145	805	249	1373
	TAPSHAL	600017	437	429	99	965	55	293	21	111	105	561	180	965
BELKHUNI (BH)	SANGNAL	599991	319	300	88	707	13	83	41	255	60	369	114	707
	KARKHIYAL	599992	858	757	222	1837	61	376	15	90	222	1371	297	1837
	BELKUNI BHOPALGAD	599999	1597	1530	395	3522	121	692	70	402	424	2428	615	3522
	BHAVANI BIJALGAON	600000	708	714	177	1599	67	377	0	0	219	1222	286	1599
BELKUNI (CH)	BELKUNI CHAUDHRI	600031	1863	1840	528	4231	199	1300	23	149	426	2782	648	4231
	MAHADONGAON	600065	704	663	194	1561	123	735	5	30	133	796	261	1561

BHANDARKUMTA	KHERDA(B)	599979	1258	1204	296	2758	117	674	84	484	278	1600	480	2758
	BHANDAR KUMTA	599984	1794	1668	590	4052	141	974	54	374	390	2704	585	4052
	DANGARGAON	599993	699	671	188	1558	55	331	12	72	192	1155	259	1558
BONTI	SAWARGAON	599980	1110	1130	305	2545	86	543	138	875	178	1127	401	2545
	HANGERGA	599981	1103	1064	228	2395	69	389	31	174	325	1832	425	2395
	BONTHI	599982	1897	1772	594	4263	364	2237	22	136	307	1890	693	4263
	LINGI	599983	826	779	270	1875	63	480	38	289	145	1106	246	1875
CHANDURI	CHANDOORI	600024	746	753	152	1651	58	291	75	379	194	981	327	1651
	HALHALLI	600028	942	857	208	2007	45	245	36	196	286	1566	366	2007
CHIKLI J	MEDPALLI	600090	574	538	180	1292	80	497	35	217	93	578	207	1292
	UJANI	600092	785	751	208	1744	97	654	11	71	151	1019	258	1744
	SUNKNAL	600093	395	410	101	906	50	327	5	31	83	548	138	906
	CHIKLI JANWADA	600094	2067	1953	647	4667	258	1945	67	504	294	2218	619	4667
CHIKLI U	CHIKLI UDGIR	599969	1934	1835	522	4291	319	2173	4	25	307	2093	630	4291
	MUKHED	599970	403	346	93	842	16	92	18	105	111	645	145	842
	NANDI BIJALGAON	599971	1135	1118	331	2584	155	972	36	227	221	1385	412	2584
	MUTHKHED (CHONDI MUKHED)	599974	805	812	210	1827	30	175	12	72	269	1580	311	1827
CHIMEGAON	CHIMEGAON	599985	1299	1199	285	2783	164	974	27	163	277	1646	469	2783
	HANDIKHERA	599988	1452	1422	397	3271	290	1799	17	105	221	1367	528	3271
	MALEGAON	599990	962	902	320	2184	175	1286	22	160	100	738	297	2184
CHINTAKI	LINGADHALLI (JUKAL)	600079	209	195	46	450	0	0	2	16	65	434	67	450
	NAGANPALLI	600080	856	828	217	1901	97	608	38	238	168	1055	302	1901
	CHINTAKI	600081	1835	1722	543	4100	182	1196	75	495	366	2409	623	4100
	BELDHAL	600083	635	638	174	1447	6	36	26	168	195	1243	227	1447
DABKA	AKNAPUR	599975	139	135	33	307	2	14	1	5	45	288	48	307
	GANGANBEED	599976	894	815	274	1983	139	988	24	172	115	823	278	1983

	GANESHPUR	600052	546	479	144	1169	47	247	1	7	173	915	221	1169
	DABKA(CHAWAR)	599978	2089	2009	508	4606	147	897	122	742	486	2967	755	4606
DHUPATMAGAON	DHUPATMAHAGON	600039	1346	1313	400	3059	129	754	75	442	318	1863	522	3059
	MANGANPUR	600040	312	307	85	704	43	233	4	21	82	450	129	704
	BABLI	600041	353	340	72	765	36	219	10	61	80	485	126	765
	JEERGA(B)	600096	456	442	94	992	52	312	2	10	112	670	166	992
	NAGUR	600033	778	707	195	1680	49	311	5	33	212	1336	266	1680
DIGI	RAMPUR	600003	146	143	44	333	25	144	0	0	33	189	58	333
	CHANDESHWAR	600007	865	842	237	1944	80	478	33	197	212	1269	325	1944
	DIGGI	600008	686	619	125	1430	103	556	7	36	155	838	265	1430
DONGAON M	RAMDIYAL	599996	370	330	96	796	27	161	11	66	95	569	133	796
	DONGAON MAKTA	599998	1949	1847	482	4278	178	1052	55	324	491	2902	724	4278
	KOTGYAL	600002	787	740	192	1719	108	676	19	122	147	921	274	1719
EKAMABA	GANESHPUR (UDGIR)	599977	551	519	150	1220	73	464	1	5	119	751	193	1220
	HULIYAL	600045	962	897	250	2109	175	1071	28	174	141	864	345	2109
	EKAMBA	600046	2168	2084	561	4813	289	1918	12	79	424	2816	725	4813
	JAMLAPUR	600053	547	515	123	1185	28	160	20	116	158	909	206	1185
	KHANDIKERI	600055	587	562	168	1317	59	372	12	74	138	871	209	1317
EKLARA	KALLUR	600060	809	804	209	1822	52	316	51	309	197	1197	300	1822
	EKLARA	600061	1175	1104	353	2632	125	791	85	538	205	1303	415	2632
	TULJAPUR	600062	638	545	172	1355	68	450	5	34	132	871	206	1355
	BORAL	600063	860	822	228	1910	70	434	98	611	139	865	307	1910
	BARDAPUR	600084	403	370	81	854	44	218	35	176	92	460	171	854
HEDGAPUR	NAGUR BABJI	600033	778	707	195	1680	49	311	5	33	212	1336	266	1680
	RAKSHIYAL(K)	600036	596	575	125	1296	64	311	28	134	175	851	266	1296
	NITTUR (K)	600037	183	194	35	412	19	107	11	63	42	242	72	412
	HEDGAPUR	600038	1661	1586	408	3655	203	1234	35	215	363	2206	601	3655

HOKRANA	BAWALGAON	599972	1648	1548	441	3637	214	1361	22	143	335	2133	571	3637
	HOKRANA	599973	1787	1643	412	3842	123	790	33	210	442	2842	597	3842
HOLASAMUDRA	HOLESAMUDRA	600009	1604	1563	409	3576	109	637	96	565	405	2374	610	3576
	BASNAL	600010	236	240	50	526	10	54	12	65	74	407	96	526
	KORYAL	600011	314	324	86	724	34	175	31	160	75	389	140	724
	SAWALI	600016	1101	1063	243	2407	48	269	23	132	356	2006	427	2407
JAMBG	MAHARAJWADI	600103	439	456	125	1020	34	225	20	134	100	661	154	1020
	JAMBG(B)	600104	1646	1457	476	3579	218	1434	51	338	275	1807	545	3579
	KANDGOAL	600117	725	700	189	1614	42	272	45	289	162	1053	249	1614
	WALLEPUR	600119	527	488	152	1167	43	274	29	186	112	707	185	1167
JOJNA	KASIMPUR	600078	267	247	69	583	23	131	0	0	79	452	102	583
	LINGADHALLI (KARAMUNGI)	600085	380	354	82	816	47	292	3	17	81	507	131	816
	JOJNA	600086	1201	1126	272	2599	91	565	26	163	301	1871	418	2599
	NANDI NAGOOR	600087	445	447	109	1001	49	281	22	128	103	592	175	1001
	NAGOOR (MUZAFAR)	600088	359	379	111	849	55	349	9	55	70	445	133	849
	BORGI (JANWADA)	600101	745	689	166	1600	57	346	16	96	192	1158	265	1600
GUDPALLI	GUDPALLI	600089	815	786	243	1844	91	559	28	175	180	1110	299	1844
KAMALNAGAR	MURG (K)	600004	405	398	101	904	45	255	4	24	110	625	159	904
	BALUR	600005	574	535	139	1248	36	229	39	250	120	769	194	1248
	KAMALNAGAR	600120	5327	4925	1355	11607	512	3083	37	225	1379	8299	1928	11607
KHED	HULSOOR	600014	576	566	146	1288	46	258	25	141	159	889	231	1288
	KHED	600015	926	878	222	2026	61	358	86	501	199	1167	346	2026
	SANGAM	600025	671	624	193	1488	85	484	15	88	161	916	261	1488
KOREKAL	KOREKAL	600022	1156	1096	313	2565	145	903	37	229	231	1433	413	2565
	BEDKUNDA	600023	961	900	209	2070	108	654	47	285	186	1131	341	2070
	HIPPALGAON	600030	1007	973	221	2201	87	525	30	184	246	1492	363	2201
	GONDGAON	600054	568	521	164	1253	82	544	1	4	106	705	188	1253
KOUTA B	KAUDGAON	600107	871	878	246	1995	106	626	44	262	188	1107	338	1995

	KUSHNOOR GADI	600112	819	823	187	1829	49	290	48	281	213	1258	310	1829
	PASHAPUR	600113	298	288	68	654	19	117	24	143	65	394	108	654
	BALLUR JANWADA	600114	573	532	141	1246	33	198	18	106	157	942	208	1246
	KOUTH(A(K)	600115	426	394	106	926	57	348	13	77	83	501	153	926
	KOUTH(A (B)	600116	1234	1220	362	2816	100	643	107	684	233	1489	440	2816
LADHA	BACHEPALLI	600042	452	422	105	979	25	159	4	27	122	793	151	979
	LADHA	600043	857	817	242	1916	81	516	11	68	209	1332	301	1916
	MUSTAPUR	600106	508	462	118	1088	42	250	26	154	114	684	181	1088
	ALUR (B)	600108	224	237	50	511	18	118	25	160	36	233	79	511
	ALUR (K)	600109	899	947	311	2157	146	978	29	193	147	986	321	2157
MADNUR	MADNOOR	599994	1036	1050	252	2338	67	392	50	295	280	1651	397	2338
	KHATGAON	599997	829	827	182	1838	77	403	8	41	265	1394	350	1838
MUDHOL (B)	MUDHOLE(B)	600019	2522	2313	571	5406	287	1696	95	560	533	3150	915	5406
	LINGADHALLI (UDGIR)	600020	156	159	45	360	6	38	2	13	50	309	58	360
	BEMBRA	600021	458	433	101	992	32	188	2	13	135	791	169	992
	HASSIKERI	600044	614	533	135	1282	85	477	24	134	119	671	228	1282
MURKI	WAGANGERA	599986	627	555	184	1366	65	402	0	0	155	964	220	1366
	MURKI	599987	2660	2489	632	5781	143	896	211	1323	568	3562	922	5781
	DAREGAON	599989	0	0	0	0	0	0	0	0	0	0	0	0
	HAKYAL	599995	463	421	79	963	55	293	45	239	81	431	180	963
NAGMARPALLI	MANOOR (K)	600071	643	661	228	1532	54	364	34	232	139	936	227	1532
	NAGMARPALLI	600072	936	901	258	2095	112	675	13	80	223	1340	349	2095
	KARANJI (B)	600073	1108	1085	320	2513	99	607	39	240	270	1666	408	2513
	KARANJI (K)	600074	514	557	159	1230	42	266	40	251	113	713	195	1230
	RAIPALLI	600075	814	851	204	1869	42	243	58	339	220	1287	320	1869
SANTPUR	MASKAL	600032	1099	1024	252	2375	135	732	14	75	289	1568	437	2375
	KAPPEKERI	600066	180	161	31	372	2	11	4	19	66	342	72	372
	JONNEKERI	600067	501	488	143	1132	34	213	44	274	103	645	181	1132
	SANTHPUR	600097	2499	2332	616	5447	243	1530	40	251	582	3666	865	5447

SHAMBELLI	CHATNAL	600095	576	563	142	1281	44	247	6	32	177	1002	226	1281
	JEERGA (K)	600098	148	140	38	326	10	59	2	12	45	255	57	326
	SHAMBELLI	600099	957	904	239	2100	111	699	26	166	196	1235	334	2100
	KHASIMPUR BORGI	600100	26	44	10	80	2	9	0	0	12	71	14	80
	BELUR (NARAYAN-KHED)	600105	599	585	174	1358	44	260	33	198	151	900	228	1358
SONAL	HORANDI	600006	888	809	198	1895	117	642	23	126	206	1127	346	1895
	SONALA	600012	1749	1684	413	3846	97	538	121	673	475	2635	693	3846
	KALGAPUR	600013	835	823	205	1863	72	422	21	120	227	1321	320	1863
SUNDAL	TEGUMPUR	600059	377	389	127	893	45	303	0	0	87	590	132	893
	SUNDHAL	600068	1001	1037	255	2293	93	551	16	92	278	1650	387	2293
	JAKNAL	600069	311	288	56	655	25	150	31	189	52	316	108	655
	NANDIYAL	600070	371	341	131	843	41	245	43	257	57	341	142	843
	ITGIYAL	600076	365	357	120	842	18	127	0	0	104	715	122	842
	YENGUNDA	600077	1194	1176	314	2684	81	491	97	587	264	1606	442	2684
	KHASIMPUR	600078	267	247	69	583	23	131	0	0	79	452	102	583
THANA KUSHNOOR	KUSHNOOR THANA	600029	1906	1865	431	4202	199	1145	38	220	494	2837	732	4202
	RAKSHIYAL(B)	600034	414	374	108	896	14	86	58	353	75	457	148	896
	NIDODA	600035	921	950	215	2086	66	413	77	484	190	1189	333	2086
TORNA	TORNA	600001	2442	2408	617	5467	186	1147	104	640	598	3680	888	5467
	MUDHOLE (K)	600018	536	497	119	1152	34	175	3	13	187	964	223	1152
WADGAON (D)	WADGAON DESHMUKH	600102	2078	1918	598	4594	257	1583	61	374	428	2637	745	4594
	SORHALLI	600110	765	774	208	1747	105	658	19	122	154	967	279	1747
	KHANAPUR	600111	556	562	112	1230	58	332	11	63	146	835	215	1230
TOTAL			131131	125201	33913	290245	12962	80185	4763	29147	29757	180913	47482	290245

(Source: Census of India)

Table-09: 1.5: Demography details of Basavakalyan Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Basavakalyan

Name of the Gram Panchayat	Name of the Villages Covered	Code of Villages covered	Population				SC		ST		General		Total	
			M	F	CH*	Total	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members
ALGUD	CHITTAKALDEV	599788	794	854	235	1883	97	512	14	76	246	1295	358	1883
	HANDRIYAL (RAJ)	599790	302	282	75	659	2	17	10	71	77	571	89	659
	ALGOOD	599792	1894	1725	384	4003	105	675	65	416	454	2912	624	4003
BELURA	GUTTI	599730	717	720	166	1603	60	369	11	67	191	1167	262	1603
	BELURA	599731	3120	3075	688	6883	204	1163	134	764	869	4956	1207	6883
BETBALKUNDA	GOUR	599740	1425	1435	366	3226	134	837	71	446	311	1943	517	3226
	KHANDALA	599741	595	687	130	1412	55	272	26	129	203	1011	284	1412
	BETBALKUNDA	599742	1484	1453	307	3244	105	652	51	315	367	2277	523	3244
	JANAPUR	599743	550	557	113	1220	46	241	36	191	149	788	231	1220
BETGERA	SIRGUR	599804	410	379	85	874	36	184	7	36	129	654	172	874
	RAMTEERTH (DUBULGUNDI)	599805	475	442	112	1029	26	149	7	39	148	841	181	1029
	BATGERA	599808	1553	1445	398	3396	46	294	211	1362	270	1740	527	3396
	HATTARGA (SARHAD)	599809	544	589	176	1309	31	179	74	423	123	707	228	1309
	CHITKOTA (K)	599810	253	255	79	587	22	139	0	0	73	448	95	587
	GILAGILI	599811	375	366	120	861	15	125	20	168	67	568	102	861
BHOSGA	WADDERGA	599791	493	465	76	1034	39	233	0	0	136	801	175	1034
	BHOSGA	599799	1777	1770	582	4129	98	612	159	991	405	2526	662	4129
	MANKHED	599800	0	0	0	0	0	0	0	0	0	0	0	0
	SIRURI	599801	354	354	105	813	11	61	34	188	101	564	146	813

	YELADGUNDI	599814	1057	1019	283	2359	129	855	62	410	165	1094	355	2359
CHANDKAPUR	LAHESHWAR	599750	348	350	95	793	32	186	9	55	94	552	135	793
	RAMTEERTH (K)	599778	979	903	236	2118	55	316	109	629	204	1173	368	2118
	HALLI	599780	976	949	257	2182	138	736	71	382	199	1064	408	2182
	CHANDAKPUR	599785	1128	1114	237	2479	68	379	76	419	303	1681	447	2479
	UMARPUR	599779	593	555	172	1320	45	276	31	191	138	853	214	1320
DHANURA (K)	LIMBAPUR	599733	381	354	73	808	28	154	3	15	115	639	145	808
	KADEPUR	599734	633	675	132	1440	41	226	4	23	215	1191	260	1440
	GADIRAIPALLI	599735	771	810	201	1782	55	311	69	387	192	1084	316	1782
	DHANURA (K)	599744	1103	1108	271	2482	72	378	56	297	342	1807	470	2482
EKLURA	EKLORA	599824	1315	1208	362	2885	89	598	145	974	195	1313	429	2885
	HAMUNAGAR	599825	623	567	184	1374	171	1183	0	0	28	191	199	1374
	MAISALGA	599831	868	819	246	1933	109	705	52	338	138	890	300	1933
	YELWANTI	599832	600	591	158	1349	48	323	36	240	117	786	200	1349
GADIGUNDGAON	MACHANAL	599723	335	317	62	714	17	106	0	0	96	608	113	714
	GADIGONDGAON	599728	1563	1549	338	3450	98	544	74	409	449	2497	621	3450
	DEVNAL	599729	941	895	190	2026	40	225	35	196	288	1605	364	2026
GHOTALA	MANHALLI	599775	668	611	151	1430	44	311	41	293	117	826	202	1430
	GHOTALA	599776	2058	2111	538	4707	83	464	263	1461	501	2782	847	4707
	JAJANMUGLI	599777	1630	1523	401	3554	59	334	117	662	453	2558	630	3554
GORTA B	GORTA B	599738	1599	1545	347	3491	85	491	62	360	458	2640	605	3491
GUNDUR	URKI	599787	564	546	158	1268	42	245	32	187	144	836	218	1268
	GUNDUR	599793	1523	1441	379	3343	122	730	194	1162	243	1451	559	3343
	ILHAL	599795	977	963	296	2236	89	530	127	759	159	947	375	2236
HARKUD	SAIDAPUR	599815	289	283	99	671	20	123	0	0	88	548	108	671
	HATYAL	599816	837	794	231	1862	168	1112	7	49	106	701	282	1862
	HARKUD	599826	1279	1256	333	2868	232	1371	28	165	225	1332	485	2868
	SIRAGAPUR	599828	503	492	118	1113	37	251	27	187	99	675	163	1113
	GADLEGAON (B)	599829	1415	1288	289	2992	68	413	107	648	319	1931	495	2992
	KHERDA (K)	599830	607	568	163	1338	37	246	91	609	72	483	200	1338

HULSOOR	HULSOOR	599724	5868	5725	1456	13049	460	2763	124	743	1589	9543	2173	13049
	SOLDABKA	599725	865	772	211	1848	58	338	0	0	261	1510	319	1848
ISLAMPUR	MANGROOL	599767	433	450	104	987	51	342	6	42	89	603	146	987
	ISLAMPUR	599768	1307	1277	369	2953	130	830	96	612	236	1511	461	2953
	LINGADHALLI	599770	617	565	143	1325	48	280	40	234	138	811	225	1325
	SUNGAHANA	599820	577	541	132	1250	62	380	43	263	100	607	205	1250
KALKURA	CHICKNAGAON	599823	1820	1683	541	4044	283	1916	113	764	201	1364	597	4044
	JANWADA	599833	397	385	128	910	52	375	16	117	57	418	125	910
	HIPPARGA(BAG)	599834	794	814	222	1830	109	719	2	10	167	1101	278	1830
	KALKORA	599835	1915	1796	612	4323	305	2197	124	897	171	1229	600	4323
KHERDA B	KHERDA (B)	599771	1614	1590	449	3653	302	1841	42	258	255	1554	600	3653
	DHANURA (RAJ)	599772	831	849	250	1930	66	415	95	598	146	917	307	1930
	HIRANAGAON	599822	1417	1409	358	3184	61	346	242	1362	262	1476	565	3184
KITTA	GOKUL	599745	1201	1163	276	2640	92	565	123	760	213	1315	428	2640
	YEDLAPUR	599746	779	740	146	1665	81	478	113	665	89	522	283	1665
	KITTA	599756	1790	1742	335	3867	178	1036	108	630	378	2201	664	3867
KOHINOOR	KOHINOOR	599812	605	560	140	1305	69	336	6	31	193	938	268	1305
	KOHINOOR	599813	3051	2992	748	6791	155	927	315	1883	666	3981	1136	6791
	SARJAWALGA	599827	358	354	122	834	38	210	0	0	112	624	150	834
LADWANTI	BHAKNAL	599802	271	259	54	584	36	180	20	97	62	307	118	584
	GADLEGAON (K)	599803	309	297	66	672	46	267	7	39	63	366	115	672
	LADWANTI	599806	1600	1569	403	3572	89	497	87	483	465	2592	641	3572
	CHIKOTTA(B)	599807	412	389	118	919	22	135	7	42	119	742	148	919
MATHALA	MANTALA	599784	5405	5164	1364	11933	334	1964	356	2095	1339	7874	2030	11933
	KAMLEWADI	599786	599	544	164	1307	5	32	5	32	207	1243	218	1307
MIRKAL	KOTMAL	599721	964	928	218	2110	73	462	37	235	224	1413	335	2110
	MIRKHAL	599722	3314	3108	745	7167	275	1661	64	388	846	5118	1185	7167
MOORKHANDI	TALBHOG	599748	1188	1028	261	2477	69	406	83	492	266	1579	418	2477
	MORKHANDI	599749	2576	2564	721	5861	251	1483	269	1589	472	2789	992	5861
	LAHESWAR	599750	348	350	95	793	32	186	9	55	94	552	135	793

	NILKANT	599751	814	743	220	1777	73	419	130	750	105	608	308	1777
MUCLAM	MUSTAPUR	599732	132	139	26	297	17	106	10	63	21	128	48	297
	MUCHALAM	599736	2267	2266	504	5037	181	970	127	678	633	3389	941	5037
MUDBI	BAGDURI	599817	661	632	154	1447	101	688	20	137	91	622	212	1447
	MUDBI	599819	2765	2630	780	6175	125	773	258	1597	615	3805	998	6175
	KINNI (SEVANAGAR)	599821	1793	1648	513	3954	168	1078	207	1324	242	1552	617	3954
NARAYANPUR	SHIVAPUR	599754	571	576	134	1281	26	148	37	213	159	920	221	1281
	NARAYANAPUR	599755	4705	4447	1151	10303	310	1847	433	2580	987	5876	1730	10303
	BASAVAKALYAN (R)	599739	0	0	0	0	0	0	0	0	0	0	0	0
NIRGUDI	NIRGUDI	599764	1341	1387	409	3137	80	476	171	1022	274	1639	525	3137
	ROLLA	599765	1261	1225	362	2848	28	180	98	629	318	2039	444	2848
	KOUDIHAL (SADAK)	599766	621	647	201	1469	38	246	151	983	37	240	226	1469
PARTAPUR	BALKUNDA	599742	595	687	130	1412	55	272	26	129	203	1011	284	1412
	JANAPUR	599743	1484	1453	307	3244	105	652	51	315	367	2277	523	3244
	YADLAPUR	599746	779	740	146	1665	81	478	113	665	89	522	283	1665
	PARTAPUR	599747	2586	2491	616	5693	197	1242	19	122	687	4329	903	5693
	NEELKANTH	599751	814	743	220	1777	73	419	130	750	105	608	308	1777
	KHANAPUR	599752	859	792	220	1871	32	186	192	1111	99	574	323	1871
	SHIVAPUR	599754	571	576	134	1281	26	148	37	213	159	920	221	1281
RAJESHWAR	RAJESHWAR	599762	8348	8001	2351	18700	486	3033	508	3169	2002	12498	2995	18700
RAJOLA	GHOGA	599760	397	370	127	894	12	73	103	612	35	209	150	894
	RAJOLA	599761	2437	2396	689	5522	234	1438	58	355	608	3729	900	5522
SASTAPUR	SASTAPUR	599781	2417	2273	656	5346	215	1287	165	991	512	3068	892	5346
	MIRZAPUR	599782	505	512	132	1149	63	353	117	653	26	143	205	1149
	ATLAPUR	599783	659	617	165	1441	67	441	74	484	79	516	220	1441
	TIPRANTH	599753	0	0	0	0	0	0	0	0	0	0	0	0
TADOLA	KOUIYAL	599758	579	533	131	1243	40	261	41	268	109	714	190	1243
	TADOLA	599759	1973	1979	687	4639	172	1064	77	475	501	3100	749	4639
	HANDRIYAL (KALYAN)	599763	507	477	119	1103	48	296	12	73	119	734	179	1103
TOGLUR	QUADERABAD	599726	261	233	60	554	7	37	0	0	91	517	98	554

	HALHALLI	599727	605	659	136	1400	44	234	46	243	175	923	266	1400
	TOGLUR	599737	1089	1026	253	2368	33	181	65	358	333	1829	431	2368
UJALAM	HONNALI	599789	343	335	75	753	11	60	15	81	117	612	144	753
	EKAMBA	599796	774	792	188	1754	62	344	45	248	209	1162	316	1754
	DHAMURI	599797	160	138	42	340	40	237	0	0	18	103	58	340
	UJLAM	599798	3206	3196	936	7338	75	435	546	3172	642	3731	1263	7338
YERBAG	YERBAGH	599769	1133	1082	289	2504	158	1016	5	31	226	1457	389	2504
	PANDARGERA	599773	1144	1099	338	2581	132	944	110	786	119	851	360	2581
	SADLAPUR	599774	797	741	208	1746	58	386	52	342	153	1018	263	1746
YERRANDI	HIPPARGA GHAT	599794	1245	1110	341	2696	174	1163	69	461	161	1072	404	2696
	KHANAPUR B	599818	254	255	41	550	5	32	17	97	72	421	94	550
TOTAL			141955	137310	36339	315604	11137	68046	9744.6	58785	31560	188773	52442	315604

(Source: Census of India)

Table-10: 1.5: Demography details of Bhalki Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Bhalki

Name of the Gram Panchayat	Name of the Villages Covered	Code of Villages covered	Population				SC		ST		General		Total	
			M	F	CH*	Total	No. of house hold	No. of Members	No. of house hold	No. of Members	No. of house hold	No. of Members	No. of house hold	No. of Members
ALWAI	ALWAI	599837	1963	1833	482	4278	144	838	80	463	511	2977	735	4278
	YELLAMMAWADI	599838	437	386	85	908	27	163	6	37	119	708	152	908
	MANKESHWAR	599839	598	588	130	1316	60	363	11	68	145	885	216	1316
	ATTERGA	599840	879	861	212	1952	109	619	8	48	226	1285	343	1952
AMBESANGVI	WALSANG	599890	1146	1174	278	2598	63	387	40	245	320	1966	423	2598
	AMBESANGU	599891	1039	1034	247	2320	132	721	38	209	255	1390	425	2320
	HUPLA	599893	1223	1150	336	2709	101	603	31	182	322	1924	454	2709
	GANESHPURWADI	599905	509	424	104	1037	29	185	1	4	134	848	164	1037
BALoor	GORNAL	599887	479	429	125	1033	55	333	0	0	115	700	170	1033
	MURAL	599889	468	481	117	1066	63	385	23	138	89	543	174	1066
	KEROOR	599894	707	708	152	1567	68	386	0	0	208	1181	276	1567
	BALUR	599895	990	1009	251	2250	86	445	82	425	266	1380	433	2250
	CHANDAPUR	599896	548	526	125	1199	47	279	32	189	123	731	201	1199
	JAINAPUR	599898	228	270	45	543	21	106	19	96	69	341	110	543
	KHASIMPUR	599899	421	362	82	865	15	96	18	113	105	656	139	865
	DONGARGI	599900	437	441	101	979	47	280	0	0	118	699	165	979
	KOTGIYAL	599904	557	525	104	1186	18	100	17	95	182	991	218	1186
BEERI(B)	HUNJIALANDI	599872	631	570	174	1375	31	180	62	363	142	832	234	1375

	HACHI KAMATH	599873	138	140	45	323	14	78	0	0	42	245	56	323
	KALASDHAL	599880	1167	1035	283	2485	102	601	22	127	298	1757	421	2485
	BEERI	599881	1368	1333	371	3072	133	763	55	314	347	1995	534	3072
	KOTGIYALWADI	599904	557	525	104	1186	18	100	17	95	182	991	218	1186
BHATAMBRA	BHATAMBRA	599876	4160	3910	922	8992	303	1742	112	643	1149	6607	1564	8992
	ANANDWADI	599903	439	457	106	1002	25	128	47	246	121	628	193	1002
BYALHALLI(K)	BYALHALLI	599931	418	375	88	881	49	280	4	22	101	579	154	881
	KAMALPUR	599967	0	0	0	0	0	0	0	0	0	0	0	0
	NIRMANHALLI	599968	734	789	184	1707	105	623	56	331	127	753	288	1707
	HALHALLI	599968	1475	1459	374	3308	183	1019	106	594	304	1695	593	3308
CHALKAPUR	NELWAD	599943	361	371	87	819	23	123	19	102	109	594	150	819
	CHALKAPUR	599945	2097	2052	488	4637	154	846	161	886	529	2905	844	4637
	TUGAON (CHALKAPUR)	599946	1040	952	222	2214	66	392	7	39	300	1783	372	2214
DADGI	RAMTEERTHWADI	599911	257	248	78	583	26	145	1	6	76	432	103	583
	DADGI	599918	1562	1495	326	3383	65	380	112	659	399	2344	576	3383
	HARNAL	599920	442	446	126	1014	51	313	23	142	91	559	165	1014
	KELWADI	599921	858	797	186	1841	61	335	106	583	168	923	335	1841
	KUNTESIRSI	599922	454	437	109	1000	56	317	12	70	109	613	177	1000
DAWARGAON	DAWARGAON	599937	1307	1289	354	2950	74	421	37	208	409	2321	520	2950
	BARDAPUR	599939	402	368	85	855	38	203	6	34	116	618	160	855
	MASIMADU	599942	701	692	176	1569	36	224	33	205	182	1140	251	1569
	CHITTA	599944	520	472	145	1137	52	291	0	0	150	846	202	1137
DHANOORA	DHANURA	599957	2653	2550	667	5870	369	2197	66	392	551	3281	985	5870
	SEVANAGAR	599958	675	680	244	1599	182	1349	1	4	33	246	216	1599
DONGAPUR	DONGAPUR	599870	2422	2224	580	5226	214	1405	59	390	523	3431	797	5226
	ALANDI	599871	678	703	197	1578	70	370	31	164	196	1044	297	1578
GORCHINCHOLLI	GORCHINCHOLI	599901	1261	1249	322	2832	132	751	69	395	296	1686	497	2832
	NIDEBAN	599902	369	416	89	874	51	237	2	8	136	629	189	874
	KOROOR	599908	583	570	160	1313	40	247	6	36	165	1030	210	1313

	KOTGIRA	599909	663	591	122	1376	11	73	20	125	185	1178	216	1376
HALBARGA	TEGAMPUR	599948	607	566	132	1305	62	360	20	116	142	829	224	1305
	NAGOOR	599949	280	304	87	671	27	152	3	17	91	502	121	671
	ALLABAD	599950	319	292	82	693	21	126	8	45	88	522	117	693
	KOSAM	599951	843	779	234	1856	91	546	31	184	189	1126	311	1856
	HALHIPPERGA	599952	669	639	174	1482	56	327	37	212	163	943	256	1482
	HALBARGA	599953	1623	1619	380	3622	128	657	103	532	473	2433	704	3622
INCHOOOR	JIRGYAL	599849	176	140	37	353	11	60	2	8	54	285	67	353
	WAGALGAON	599850	287	262	52	601	15	75	67	325	41	201	124	601
	KHUDAWANDPUR	599851	554	521	145	1220	54	317	28	161	127	742	209	1220
	HALSILAKMADEVI	599853	525	523	133	1181	62	342	21	116	132	723	215	1181
	INCHUR	599854	773	732	215	1720	81	480	48	283	161	957	289	1720
	LADHA	599858	1041	1010	232	2283	51	281	40	217	325	1785	416	2283
JANTHI	TARNALLI	599954	778	767	163	1708	88	499	15	83	199	1126	302	1708
	NELGI	599955	948	900	203	2051	51	290	31	176	281	1585	363	2051
	JANTI	599956	1279	1317	320	2916	121	643	55	293	373	1980	550	2916
JOLDAPKA	JOLDABKA	599925	1207	1190	331	2728	151	896	22	132	287	1700	460	2728
	GODIHIPPERGA	599964	446	441	134	1021	33	170	36	186	130	665	200	1021
KANJI	KANJI	599962	1888	1740	443	4071	193	1149	94	560	397	2362	684	4071
	HUNJI (K)	599963	558	581	149	1288	39	210	43	236	155	842	237	1288
KHATAK CHINCHOLLI	KHATAK CHINCHOLI	599940	3541	3414	853	7808	238	1378	135	780	975	5650	1347	7808
	SECUNDRABAD	599941	267	262	73	602	28	192	19	131	41	279	88	602
KONMELKUNDA	AHMADABAD	599897	402	382	77	861	38	219	0	0	111	642	149	861
	KOMMELKUNDA	599947	1543	1475	392	3410	145	821	49	279	408	2310	602	3410
KURUBKHELGI	KAPLAPUR	599935	484	439	92	1015	15	109	25	179	103	727	144	1015
	KURUBKHELGI	599936	1236	1293	285	2814	52	281	238	1280	233	1253	523	2814
	YENKURA	599938	1456	1425	361	3242	101	601	54	321	390	2320	545	3242
LAKHANGAON	LAKHANGAON	599862	2369	2265	635	5269	181	985	71	389	715	3895	967	5269
	ATNOOR	599863	245	252	68	565	25	147	0	0	72	418	97	565

	SOMPUR	599864	256	268	46	570	17	81	0	0	102	489	119	570
MADKATTI	EKLASPUR	599906	324	313	66	703	34	205	3	15	81	483	118	703
	GUBYAL	599907	0	0	0	0	0	0	0	0	0	0	0	0
	MADKATTI	599910	1595	1524	359	3478	141	818	81	470	378	2190	600	3478
	BADJAWALGA	599919	797	740	218	1755	55	363	57	378	154	1014	266	1755
MALCHAPUR	KHANAPUR	599959	511	512	161	1184	92	537	11	63	100	584	202	1184
	MALCHAPUR	599960	1533	1522	445	3500	188	1112	65	386	339	2002	592	3500
	RUDNOOR	599961	943	952	252	2147	165	905	47	257	180	985	392	2147
MEHKAR	BOLEGAON	599843	766	745	198	1709	46	240	31	162	249	1307	325	1709
	NARDASANGAM	599844	302	309	61	672	20	93	4	18	118	561	141	672
	MEHKAR	599845	3863	3668	945	8476	305	1791	125	734	1013	5951	1443	8476
METHIMELKUNDA	BHATSANGVI	599867	871	882	220	1973	105	537	39	198	242	1238	385	1973
	THAMGYAL WADI	599868	241	257	59	557	31	158	16	82	63	317	110	557
	LANJWADA	599869	841	800	208	1849	55	342	26	161	218	1346	300	1849
	METHIMELKUNDA	599874	968	933	217	2118	87	459	50	264	264	1395	401	2118
	METHIMELKUNDA WADI	599875	375	334	95	804	46	294	28	180	52	330	127	804
MORAMBI	RACHAPPAGONDGAON	599856	1416	1401	392	3209	77	462	62	370	396	2377	534	3209
	KUNTEGAON	599857	687	660	140	1487	53	290	1	8	217	1189	272	1487
	HALGORTA	599927	279	255	44	578	17	91	1	4	92	483	110	578
	HONNALLI	599928	291	294	57	642	22	98	21	94	102	450	145	642
	MORAMBI	599929	674	637	151	1462	50	292	44	254	157	916	251	1462
	UCHA	599930	1031	950	228	2209	73	401	44	240	286	1568	403	2209
NITTUR(B)	BEERI (K)	599882	607	580	134	1321	50	291	29	168	147	862	225	1321
	NAGRAL	599883	425	404	83	912	32	174	47	254	89	484	167	912
	KODLI	599884	391	334	76	801	39	234	2	12	92	555	133	801
	NITTUR	599885	2301	2237	619	5157	179	1065	65	390	622	3702	866	5157
	HAJNAL	599886	723	632	153	1508	70	376	21	111	190	1021	280	1508
SAIGAON	SAIGAON	599852	2631	2539	630	5800	254	1391	100	546	705	3863	1059	5800
	KESARJAWALGA	599855	1416	1401	392	3209	77	462	62	370	396	2377	534	3209

SHIVANI	KALSAR TUGAON	599859	993	923	209	2125	96	548	16	90	262	1487	374	2125
	KASARA TUGAON WADI	599860	467	406	136	1009	42	270	63	406	51	333	156	1009
	SHIVANI	599861	1465	1384	339	3188	139	776	74	414	358	1998	571	3188
	KAKNAL	599866	1108	995	232	2335	103	557	31	168	298	1610	432	2335
SIDDESHWAR	CHIKALCHANDA	599923	708	643	176	1527	53	337	22	141	164	1049	239	1527
	MAROOR	599924	779	762	154	1695	58	326	40	226	203	1143	301	1695
	SIDDESHWAR	599926	1790	1704	424	3918	122	699	67	382	495	2837	683	3918
TALWAD(K)	KADLABAD	599913	331	327	93	751	21	123	24	137	86	491	131	751
	DHARAJWADI	599914	551	503	138	1192	26	173	1	8	151	1011	178	1192
	KARDHYAL	599915	911	865	194	1970	96	529	15	82	247	1359	358	1970
	TALWADA (K)	599916	1020	1050	210	2280	83	426	16	84	345	1770	445	2280
	SAIDAPURWADI	599917	294	234	79	607	17	106	0	0	81	501	98	607
TELGAON	TALWADA (MARATHA)	599865	901	862	207	1970	50	259	32	168	297	1543	379	1970
	TELGAON	599877	653	620	136	1409	60	346	8	44	177	1019	245	1409
	JAIGAON	599878	732	648	192	1572	40	253	10	62	199	1257	249	1572
	SHAMSHEERPUR	599879	624	564	125	1313	52	305	11	66	161	942	225	1313
	SIDDAPUR	599892	375	335	66	776	26	151	0	0	109	625	135	776
TUGAON (H)	TUGAONHALSI	599836	2359	2155	532	5046	171	907	45	239	734	3900	950	5046
	GUNJARGA	599841	550	500	102	1152	25	122	17	82	191	948	232	1152
	SRIMALI	599842	911	881	257	2049	51	314	31	187	253	1548	335	2049
WANJERKHED	WANJARKHADA	599846	1653	1631	461	3745	167	1015	39	237	410	2493	616	3745
	JAMKHANDI	599847	906	925	233	2064	45	253	25	138	301	1673	371	2064
	KONGLI	599848	925	938	218	2081	76	364	35	169	324	1548	436	2081
WARWATTI	BYLHALLI	599931	418	375	88	881	49	280	4	22	101	579	154	881
	WARWATTI	599932	1721	1614	409	3744	137	798	61	359	443	2587	641	3744
	MAVINHALLI	599933	518	514	137	1169	26	148	14	79	168	942	208	1169
	NAWADGI	599934	867	864	253	1984	109	682	4	23	204	1279	316	1984
TOTAL			120953	116231	29321	266505	11522	59364	5195	26938	29867	180203	46584	266505

(Source: Census of India)

Table-11: 1.5: Demography details of Bidar Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Bidar

Name of the Gram Panchayat	Name of the Villages Covered	Code of Villages covered	Population				SC		ST		General		Total	
			M	F	CH*	Total	No. of house hold	No. of Members	No. of house hold	No. of Members	No. of house hold	No. of Members	No. of house hold	No. of Members
ALIABAD (J)	CHONDI	600192	572	585	168	1325	53	342	21	133	133	850	207	1325
	CHOULI	600193	621	581	137	1339	54	303	0	0	183	1036	237	1339
	Aliabad (OG) WARD NO.-0037	803060	821	781	230	1832	127	700	1	5	163	897	291	1602
ALIAMBER	ALIAMBER	600128	2459	2407	618	5484	210	1247	193	1149	520	3088	923	5484
	GUMTAPUR	600138	0	0	0	0	0	0	0	0	0	0	0	0
	MAMDAPUR	600139	380	345	124	849	34	292	0	0	66	557	100	849
	RAJNAL	600127	830	765	243	1838	47	336	13	96	197	1406	258	1838
	VILASPUR	600137	633	690	191	1514	39	241	50	310	156	963	246	1514
AMALAPUR	AMLAPUR	600186	2573	2487	832	5892	200	1277	17	109	707	4506	925	5892
	GORNALLI(B)	600189	1080	963	228	2271	86	529	85	527	197	1215	368	2271
ANDUR	ANDURA	600196	2143	2070	529	4742	167	1013	51	307	565	3422	783	4742
	KHADERNAGAR	600197	778	764	226	1768	98	566	57	332	151	870	306	1768
	SECUNDRAPUR	600200	1434	1351	363	3148	87	558	92	590	311	2000	490	3148
AURAD (S)	AURAD (S)	600221	2056	2052	494	4602	86	554	115	738	516	3310	717	4602
	BAHIRNALLI	600227	1091	1022	313	2426	69	431	17	107	304	1888	391	2426
AUSTOOR	ASHTOOR	600179	1405	1342	365	3112	64	369	119	684	359	2059	542	3112
	GHUMMA	600174	436	400	97	933	22	129	23	136	115	668	160	933
	IMMAMABAD	600177	627	639	162	1428	16	92	50	296	176	1040	241	1428

	ODWADA/WALDODDI	600171	538	523	128	1189	101	600	2	13	97	576	201	1189
	TAJLAPUR	600172	595	611	129	1335	4	20	0	2	238	1313	242	1335
BAGDAL	BAGDAL	600226	4418	4081	1141	9640	261	1686	156	1010	1073	6944	1490	9640
	INDIRA NAGAR	600229	675	648	168	1491	150	1127	3	19	46	345	198	1491
BARUR	BARUR	600240	2170	2124	530	4824	311	1732	69	383	487	2709	867	4824
	CHINTALGERA	600241	718	717	173	1608	62	345	120	670	106	593	288	1608
	DHARMAPUR	600242	497	489	128	1114	55	334	44	264	85	516	184	1114
	GOUSPUR	600239	243	221	43	507	31	180	6	33	51	294	88	507
	HOKRANA(B)	600243	951	924	266	2141	99	593	74	445	184	1103	357	2141
	HOKRANA(K)	600244	534	488	124	1146	38	232	25	152	126	762	189	1146
	RAJGIR	600254	1303	1191	320	2814	87	513	67	393	324	1908	478	2814
CHAMBOL	BAHIRNAHALLI					0	0		0		0	0		0
	CHAMBOOL	600132	1529	1470	369	3368	87	535	112	688	350	2145	550	3368
	HIPPALGAON	600131	766	702	161	1629	55	349	36	228	167	1052	259	1629
	KANALLI	600144	421	370	101	892	0	2	35	233	99	657	134	892
	NAULASPUR	600133	317	307	63	687	1	6	30	173	89	508	121	687
	SIRIMANDAL	600134	796	752	190	1738	59	333	27	151	224	1254	310	1738
CHATNALLI	BARIDABAD	600223	660	633	191	1484	38	226	145	858	67	400	250	1484
	BUDHERA	600232	996	908	243	2147	68	454	67	443	188	1250	323	2147
	CHATNALLI	600224	1447	1374	345	3166	76	425	55	312	432	2429	563	3166
	HONADDI	600225	854	813	205	1872	50	313	82	512	167	1047	299	1872
CHILLARGI	BASANTHPUR	600150	506	444	105	1055	43	246	50	285	91	524	184	1055
	CHILLARGI	600149	1533	1423	383	3339	62	371	108	641	391	2327	561	3339
	JAMPAD	600163	575	561	152	1288	51	299	12	72	157	917	221	1288
	MIRZAPUR	600162	531	474	153	1158	73	482	30	199	72	477	175	1158
CHIMKOD	ALLAPUR	600136	488	492	157	1137	50	325	34	223	91	589	175	1137
	CHAUVER FATHEPUR	600146	0	0	0	0	0	0	0	0	0	0	0	0
	CHIMKOD	600148	1319	1303	366	2988	84	508	143	859	269	1621	496	2988
	FATHEPUR	600152	682	658	160	1500	23	138	93	570	130	792	246	1500
	KANGATHI	600147	544	520	120	1184	60	384	19	120	106	680	185	1184
	KHAJAPUR	600161	335	321	103	759	30	180	26	155	71	424	127	759

	NEMATABAD	600135	366	359	131	856	54	355	5	31	71	470	130	856
	SULTANPUR (QUDEM)	600151	0	0	0	0	0	0	0	0	0	0	0	0
CHITA	CHITTA	600187	2879	2636	672	6187	186	1142	134	821	688	4224	1007	6187
	GOONALLI	600183	1184	1184	308	2676	95	582	56	341	288	1753	439	2676
GADGI	ALAMKERI	600186	0	0	0	0	0	0	0	0	0	0	0	0
	BAWALPUR	600153	0	0	0	0	0	0	0	0	0	0	0	0
	DATTANKERI	600158	0	0	0	0	0	0	0	0	0	0	0	0
	GADGI	600160	1956	1916	549	4421	161	991	127	785	430	2645	718	4421
	HAMILAPUR	600168	1196	1138	322	2656	33	236	16	110	326	2310	375	2656
	KABIRWADA	600170	168	164	40	372	47	263	0	0	19	109	66	372
	MAMANKERI	600157	152	155	45	352	10	63	2	10	46	279	58	352
	SHAMRAJAPUR	600169	411	395	93	899	0	2	12	61	158	836	170	899
	SIPPALGERI	600159	234	225	53	512	81	438	0	0	14	74	95	512
	SOLPUR	600173	606	594	160	1360	9	51	147	856	78	453	234	1360
JANWADA	DADDAPUR	600142	333	349	101	783	34	205	7	45	88	533	130	783
	IMAMPUR	600130	911	751	174	1836	151	622	20	82	275	1132	446	1836
	JANWADA	600140	3062	2969	751	6782	362	2087	68	389	747	4306	1177	6782
	SANGAHALLI	600129	312	274	77	663	37	210	29	163	51	290	117	663
KADWAD	KADWAD	600217	1638	1584	410	3632	167	964	73	423	390	2245	631	3632
	KASIMPUR (PAN)	600216	1208	1150	321	2679	73	426	250	1468	134	785	456	2679
	MALIK MIRZAPUR	600215	975	965	289	2229	99	579	81	472	202	1178	383	2229
KAMTHANA	KAMTHANA	600204	5704	5475	1639	12818	141	943	350	2335	1429	9540	1920	12818
KAPLAPUR (A)	ATIWAL	600195	697	670	175	1542	10	56	75	440	178	1046	263	1542
	HONNAKHERI	600191	786	715	252	1753	137	887	13	85	120	781	270	1753
	KAPPLAPUR (A)	600190	1346	1385	329	3060	33	190	101	577	401	2293	535	3060
	KOLHAR (B)	600198	855	836	216	1907	72	434	40	242	205	1231	318	1907
KOLAR (K)	BAKCHAWADI	600201	1094	1029	191	2314	122	708	27	155	251	1451	400	2314
	BELLURA	600202	974	946	226	2146	47	310	16	106	260	1730	323	2146
	KOLHAR (K)	600194	1871	1752	442	4065	118	685	137	792	447	2588	702	4065
	NIZAMPUR	600199	969	948	250	2167	128	707	43	238	222	1222	393	2167

MALEGAON	ALMASPUR	600176	271	259	84	614	10	57	0	0	96	557	106	614
	AMDALPAD	600164	240	220	40	500	13	84	18	112	49	304	80	500
	KAPLAPUR (J)	600165	799	761	200	1760	28	179	76	495	167	1086	271	1760
	MALEGAON	600166	1334	1194	329	2857	29	172	176	1048	274	1637	479	2857
	NANDAGAON	600167	537	464	144	1145	25	169	71	488	71	488	166	1145
	RASOOLABAD	600175	87	88	31	206	12	77	4	22	17	107	33	206
MALKAPUR	MALKAPUR	600180	1251	1115	302	2668	30	186	140	877	257	1605	427	2668
	MIRZAPUR TAJ	600178	349	334	86	769	15	86	9	50	110	633	134	769
	SHAHPUR	600182	641	651	174	1466	58	371	109	694	63	401	230	1466
	SULTANPUR (J)	600181	547	542	153	1242	14	95	46	299	129	848	189	1242
MANDAKNALLI	KANGANKOT	600213	604	593	152	1349	49	311	24	155	139	883	213	1349
	MADAKNALLI	600214	1974	1940	582	4496	157	1013	58	374	482	3109	697	4496
	SHAMSHIRNAGER	600212	1000	943	297	2240	92	541	30	179	257	1520	379	2240
MANHALLI	MANHALLI	600238	4264	4162	1228	9654	128	771	126	761	1344	8122	1597	9654
MARKAL	BENAKANALLI	600145	781	739	180	1700	51	315	28	173	195	1212	274	1700
	CHIKPET	600155	703	572	172	1447	130	787	11	66	98	594	239	1447
	MARKHAL	600141	2137	1971	530	4638	125	774	73	453	550	3411	748	4638
	NAWADGERI	600156	0	0	0	0	0	0	0	0	0	0	0	0
MARKUNDA	BAPUR	600250	402	433	118	953	30	184	30	187	93	582	153	953
	BHANGOOR	600253	771	752	207	1730	39	234	25	149	224	1347	288	1730
	MAGDAL	600251	1048	1016	315	2379	78	479	101	616	210	1284	389	2379
	MARKUNDA	600252	2260	2215	574	5049	193	1108	139	798	547	3143	879	5049
NAGUR	GHODEPALLI	600239	243	221	43	507	31	180	6	33	51	294	88	507
	MANHALLI KERE	600238	4264	4162	1228	9654	128	771	126	761	1344	8122	1597	9654
	NAGORA	600235	1219	1164	299	2682	78	449	120	692	267	1541	464	2682
	SATOLI	600236	1017	905	299	2221	75	476	52	329	223	1416	350	2221
	TELANG - MIRZAPUR	600233	787	737	225	1749	15	102	33	225	208	1422	256	1749
	YAKATPUR	600237	1469	1362	427	3258	94	573	84	510	358	2175	536	3258
RANJOLKHENI	HOCHAKNALLI	600219	690	671	191	1552	51	354	16	114	156	1084	223	1552
	RANJOLKHENI	600208	1961	1950	507	4418	143	912	51	328	498	3178	692	4418
	SIRKATNALLI	600220	921	861	190	1972	88	512	36	207	216	1253	340	1972

REKULGI	BAMBALGI	600124	275	254	76	605	34	183	0	0	78	422	112	605
	NIDWANCHA	600228	994	986	277	2257	57	327	103	595	232	1335	392	2257
	REKULGI	600248	1909	1922	535	4366	130	781	284	1707	312	1878	726	4366
SANGOLGI	BAUGI	600211	1200	1222	312	2734	29	166	68	387	381	2181	478	2734
	NELWAD	600210	743	694	223	1660	52	389	11	80	159	1191	221	1660
	SANGOLGI	600209	1489	1390	392	3271	235	1398	75	447	240	1426	551	3271
SINDHOL	GANDHI NAGAR	600246	594	562	166	1322	178	1152	0	0	26	170	204	1322
	PATERPALLI	600230	533	579	148	1260	53	263	97	481	104	516	253	1260
	RAJGERA	600254	1303	1191	320	2814	87	513	67	393	324	1908	478	2814
	SHEKAPUR	600231	422	404	130	956	30	200	45	300	68	456	143	956
	SINDHOL	600247	1222	1160	326	2708	74	441	112	663	270	1604	456	2708
	TADPALLI	600245	864	938	290	2092	107	638	55	328	189	1126	352	2092
SIRSI (A)	KASIMPUR (CHITGOPPA)	600222	701	722	192	1615	47	284	46	280	174	1051	268	1615
	SIRSI (A)	600218	1956	1875	542	4373	105	627	213	1272	414	2474	732	4373
YADLAPUR	AYAZPUR	600205	579	575	155	1309	35	217	28	174	149	918	212	1309
	QUTUBABAD	600207	784	749	237	1770	73	459	88	553	120	758	281	1770
	YADLAPUR	600206	988	1038	260	2286	95	607	9	59	254	1620	359	2286
	ZAMISTANPUR	600203	1851	1756	601	4208	189	1124	26	155	493	2929	708	4208
YERRNALLI	BOMPALLI	600124	275	254	76	605	34	183	0	0	78	422	112	605
	ISLAMPUR	600126	652	644	192	1488	41	250	42	256	160	982	243	1488
	SANGVI	600122	308	288	64	660	41	236	0	0	74	424	115	660
	SIDDAPUR	600121	210	193	60	463	17	101	0	0	60	362	77	463
	YARNALLI (DESHMUKH)	600125	615	553	127	1295	65	410	13	83	127	802	205	1295
	YARNHALLI (PAHILWAN)	600123	653	602	133	1388	4	26	60	354	172	1008	237	1388
TOTAL			134458	128898	35394	298750	9801	59350	7662	46414	31671.6	192756	49134	298520

(Source: Census of India)

Table-12: 1.5: Demography details of Humnabad Taluka

Name of the State: Karnataka

Name of the District: Bidar

Name of the Block*: Humnabad

Name of the Gram Panchayat	Name of the Villages Covered	Code of Villages covered	Population				SC		ST		General		Total	
			M	F	CH*	Total	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members	No. of household	No. of Members
Ghatboral	Ghatboral	600257	4645	4422	1269	10336	526	3243	221	1364	928	5729	1675	10336
Ghodwadi	Ghodwadi	600258	2338	2161	643	5142	79	603	12	94	584	4445	675	5142
	Hunsnal	600259	846	828	207	1881	49	278	34	191	248	1412	331	1881
	Handikhera	600261	1262	1198	391	2851	67	410	167	1021	233	1420	467	2851
Sultanabad	Kumarchincholi	600260	1659	1499	468	3626	89	607	135	923	306	2096	530	3626
	Sultanabad	600262	1394	1277	372	3043	75	424	225	1275	238	1344	538	3043
	Mugnoor	600263	747	746	254	1747	127	732	2	10	174	1005	302	1747
Dubalgundi	Dubalgundi	600264	5059	5074	1512	11645	441	2680	229	1395	1245	7570	1915	11645
Chandanalli	Othagi	600265	1440	1385	425	3250	105	691	65	429	325	2130	496	3250
	Chandanalli	600266	1104	1009	222	2335	100	584	70	408	230	1343	400	2335
	Sonkhera	600267	992	917	291	2200	87	569	107	700	143	931	337	2200
Kankatta	Hunsgera	600268	1554	1448	402	3404	133	798	159	957	274	1649	566	3404
	Kankatta	600269	2837	2717	824	6378	200	1284	170	1093	624	4001	994	6378
Sedol	Sedol	600270	1386	1307	383	3076	83	512	77	475	337	2089	496	3076
	Warwatti (K)	600271	858	768	241	1867	118	768	1	8	168	1091	287	1867
	Chinkera	600272	790	763	208	1761	75	422	127	718	110	621	312	1761
	Jalasangi	600273	1502	1541	416	3459	165	1068	95	614	274	1777	534	3459

Benchinholi	Kabeerabad	600274	1017	970	245	2232	53	341	160	1029	134	862	347	2232
	Namdapur	600275	681	669	201	1551	75	476	27	175	141	900	243	1551
	Benchinholi	600286	1459	1377	368	3204	103	629	134	817	288	1758	524	3204
Hallikhed (B)	Hallikhed (B)	600276	10280	9883	2665	22828	528	3232	204	1247	3000	18349	3732	22828
Dakulgi	Sindbandigi	600277	1232	1249	335	2816	165	982	57	339	252	1495	474	2816
	Atiwal	600278	361	344	106	811	48	297	1	9	82	505	131	811
	Dakulgi	600279	1075	999	237	2311	104	616	28	164	258	1531	389	2311
	Ameerabad	600280	587	538	112	1237	20	119	45	274	140	844	205	1237
	Hilalpur	600282	1029	986	300	2315	97	601	30	185	248	1529	375	2315
Sitalgera	Shakargunj	600281	752	662	188	1602	35	225	135	866	80	511	250	1602
	Markhal	600283	1038	1001	265	2304	60	345	73	416	271	1543	404	2304
	Bothagi	600284	596	582	165	1343	75	408	1	8	170	927	246	1343
	Nimbura	600289	814	804	181	1799	64	344	132	702	141	753	337	1799
	Sitalgera	600290	1013	1058	344	2415	120	704	139	816	152	895	411	2415
Madargaon	Allura	600285	773	699	171	1643	60	397	22	148	166	1098	248	1643
	Malkapur	600287	577	602	128	1307	46	241	156	810	49	256	252	1307
	Madargaon	600288	719	642	163	1524	42	226	23	125	216	1173	280	1524
	Hippargaon	600308	455	486	124	1065	40	230	60	342	87	493	187	1065
	Wadankera	600309	908	898	220	2026	78	458	43	252	223	1316	343	2026
Maniknagar	Molkhera	600291	1458	1393	452	3303	124	886	93	661	246	1756	463	3303
	Gadawanti	600292	2145	2049	572	4766	257	1560	83	506	445	2700	786	4766
	Maniknagar	600293	1402	960	287	2649	18	127	51	352	313	2170	382	2649
Dhumansoor	Dhumansoor	600294	1972	1903	508	4383	264	1491	112	633	400	2259	776	4383
Nandagaon	Nandagaon	600295	2242	2105	602	4949	101	678	169	1137	466	3134	736	4949
	Kappargaon	600296	1283	1361	418	3062	68	456	74	497	313	2109	454	3062
Hudgi	Hudgi	600297	4715	4813	1249	10777	387	2362	173	1057	1205	7358	1765	10777
Hallikhed (K)	Mustapur	600299	823	804	233	1860	86	558	54	347	147	955	287	1860
	Hallikhed (K)	600300	2219	2118	610	4947	155	962	266	1655	375	2330	796	4947
	Chitkota	600303	501	490	138	1129	51	322	36	225	92	582	179	1129
Kallur	Kallur	600301	1790	1764	480	4034	169	1010	196	1170	311	1854	676	4034
	Kathalli	600302	729	714	199	1642	107	663	55	342	103	637	265	1642

	Borampalli	600304	469	506	107	1082	47	287	22	133	110	662	179	1082
Sindankera	Hankuni	600305	1370	1298	450	3118	131	778	78	463	315	1877	524	3118
	Sindankera	600306	2504	2369	687	5560	190	1181	157	976	547	3403	894	5560
Talmadgi	Talmadgi	600310	2187	2104	563	4854	170	977	267	1540	406	2337	843	4854
	Kandgoal	600311	1370	1303	363	3036	77	454	145	854	294	1728	516	3036
Belkera	Madgul	600312	723	720	172	1615	102	601	34	200	138	814	274	1615
	Shamtabad	600313	1057	1023	290	2370	54	327	151	915	186	1128	391	2370
	Belkera	600322	1473	1459	431	3363	122	766	141	882	274	1715	537	3363
	Bannalli	600323	1091	1045	285	2421	33	187	116	651	282	1583	432	2421
Itga	Baskernagar	600314	0	0	0	0	0	0	0	0	0	0	0	0
	Itga	600315	1594	1520	457	3571	207	1219	61	362	338	1990	606	3571
	Walkhandi	600316	1177	1185	342	2704	73	482	149	986	186	1236	408	2704
	Rampur	600317	585	554	145	1284	39	235	44	261	131	788	214	1284
	Mudnal	600318	671	696	197	1564	65	411	77	487	105	666	247	1564
Kodambal	Gurdal	600319	0	0	0	0	0	0	0	0	0	0	0	0
	Kodambal	600320	3086	3015	872	6973	246	1490	325	1972	579	3511	1149	6973
Mustari	Mustari	600321	2335	2258	587	5180	183	1119	129	792	533	3269	845	5180
Mangalgi	Mangalgi	600324	2595	2562	723	5880	247	1423	102	590	671	3867	1020	5880
	Nagankera	600325	1305	1263	356	2924	51	333	76	499	319	2092	446	2924
Nirna	Nirna	600326	4780	4635	1183	10598	287	1813	295	1861	1096	6924	1678	10598
Udbal	Udbal	600327	2235	2189	595	5019	147	881	170	1023	519	3115	836	5019
Muthangi	Muthangi	600328	1556	1468	382	3406	158	952	96	579	311	1875	565	3406
	Madargi	600330	1426	1325	485	3236	278	1797	41	263	182	1176	500	3236
	Bhadrapur	600331	596	613	216	1425	167	1079	11	71	43	275	221	1425
Meenkhera	Bashirapur	600329	904	807	286	1997	23	140	116	702	191	1155	331	1997
	Boral	600334	1042	932	277	2251	116	729	48	302	195	1220	359	2251
	Meenkhera	600336	1690	1591	406	3687	146	883	135	816	328	1988	609	3687
Changlera	Devgir	600332	337	361	110	808	104	688	1	4	18	116	122	808
	Alipur	600333	234	238	85	557	61	469	0	2	11	86	73	557
	Polakpalli	600338	460	481	115	1056	36	242	40	268	82	546	158	1056
	Changler	600340	2414	2425	703	5542	246	1736	92	649	447	3157	784	5542

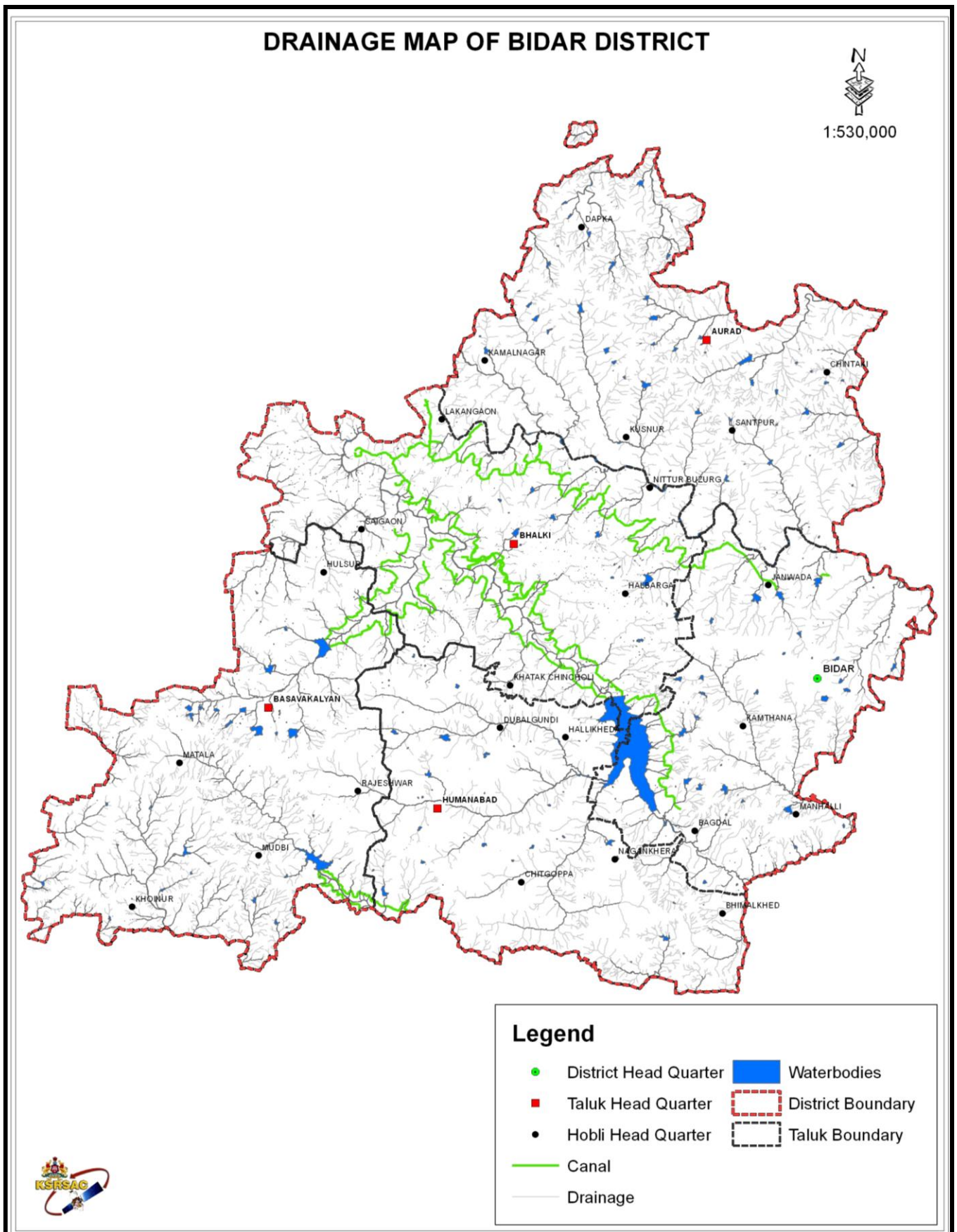
Mannaekhalli	Mannaekhalli	600335	6218	5821	1770	13809	156	1031	236	1562	1698	11216	2090	13809
Bemalkheda	Bemalkheda	600337	3966	3868	1037	8871	326	1843	301	1701	942	5327	1569	8871
Udamnalli	Karpakpalli	600339	830	847	211	1888	87	498	89	505	155	885	331	1888
	Saidapur	600341	0	0	0	0	0	0	0	0	0	0	0	0
	Karaknalli	600342	1196	1123	357	2676	143	832	114	664	202	1180	459	2676
	Udamnalli	600343	1198	1262	292	2752	161	862	66	352	287	1538	513	2752
TOTAL			133732	128849	36331	298912	12333	66364	9937	52868	26251	179680	48521	298912

(Source: Census of India)

1.6 Drainage:

The district has two river basins, the Godavari and the Krishna. Major parts of the district are covered by Godavari basin, drained by its two major tributaries the *Manjra* and the *Karanja* rivers. The Godavari basin extends to over 4,411 km² of which Manjra covers up to 1,989 km² and Karanja up to 2,422 km². The Krishna basin covers 585 km² of which *Mullamari* river basin covers 249 km² and *Gandarinala* river basin covers 336 km². The Manjra river is perennial river flows over a distance of 155 km in the central part of the district and flows in eastern direction with a meandering course. The Karanja river flows in northwestern direction for 74 km with Karanja reservoir being major water source. The river *Mullamari* takes its origin near Matala village of Basavakalyan taluk flows from west to east for a length of 38 km and then flows into Kalaburgi district and joins the river *Karanja*. The Karanja river is one of the main tributary of *Bhima* river. Besides, there are several streams, which are of ephemeral in nature. The drainage pattern in the district varies from sub-dendritic to dendritic and some streams have a sub parallel drainage to the main river.

Figure-03: Drainage Map of Bidar District



1.7 Soils

The two important types of soils noticed in the district are black soils and lateritic soils.

- **Black soils:** Major parts of the district are made up of black soils derived from Deccan traps. These are deep black in colour and their texture varies from loam to clay. Lime concentration in this soil is high resulting in poor infiltration capacities. Their infiltration characteristics are poor to moderate. This type of soils covers mainly in areas lying below 610 m contour and along the valley portions.
- **Lateritic soils:** A lateritic soil is confined to the central portion of the district. Lateritic soils are pale to bright red in colour and clay to clayey loam in nature. This soil has moderate to good infiltration characteristics. This type of soils coers mainly in areas lying above 610 meters (2,000 ft) contour.

Table-13: 1.7 Soil Type and Slope details of Aurad Taluka

(Source: SLUSI, NBSS, Indian Institute of Soil Science, Department of Land Resources)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: Aurad

Soil Type		Land Slope			
Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Deep Black	36487	31014	5473	0	0
Medium Shallow	85135	63851	21284	0	0
	121622	94865	26757	0	0

Table-14:- 1.7 Soil Type and Slope details of Basavakalyan Taluka

(Source: SLUSI, NBSS, Indian Institute of Soil Science, Department of Land Resources)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: Baswakalyan

Soil Type		Land Slope			
Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Deep Black	35831	34040	1792	0	0
Medium Shallow	47775	40609	26276	0	0
Red Soil	35831	30457	19707	0	0
	119438	105105	47775	0	0

Table-15:- 1.7 Soil Type and Slope details of Bhalki Taluka

(Source: SLUSI, NBSS, Indian Institute of Soil Science, Department of Land Resources)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: Bhalki

Soil Type		Land Slope			
Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Deep Black	65555	64244	1311	0	0
Medium Shallow	43704	39333	4370	0	0
	109259	103578	5681	0	0

Table-16:- 1.7 Soil Type and Slope details of Bidar Taluka

(Source: SLUSI, NBSS, Indian Institute of Soil Science, Department of Land Resources)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: Bidar

Soil Type		Land Slope			
Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Deep Black	18441	17519	922	0	0
Medium Shallow	36881	31349	5532	0	0
Red Soil	36881	29505	7376	0	0
	92203	78373	13830	0	0

Table-17:- 1.7 Soil Type and Slope details of Humnabad Taluka

(Source: SLUSI, NBSS, Indian Institute of Soil Science, Department of Land Resources)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: Humnabad

Soil Type		Land Slope			
Major Soil Classes	Area (ha)	0-3% (ha)	3-8% (ha)	8-25% (ha)	>25% (ha)
Deep Black	19849	18856	992	0	0
Medium Shallow	41682	37514	4168	0	0
Red Soil	37712	30170	7542	0	0
	99243	86540	12702	0	0

Table-18: 1.7 Soil Erosion and Runoff Status of Bidar District

(Source: ICAR Regional Centre and sediment monitoring Stations)

Name of the State: Karnataka

Name of District: Bidar

Name of the Block: All Five Block

Name of the Micro Watershed	Name of the Sediment Monitoring Station	Longitude	Latitude	Soil Erosion (Tonr/ha)	Runoff					Drought Frequency	
					Peak Rate (cum/hr)	Frequency of Peak (No in Months)	Total Runoff Volume of rainy Season (ha-m)	Time of return of Maximum flood			
								5 Years	10 Years		In Years
DATA IS NOT AVAILABLE											
NB: optional; may be provided if data is available for the district											

Geomorphology:

Physiographical, the Bidar district can be divided into two regions. They are northern low lands and southern high lands. The southern high lands are popularly known as Bidar plateau, which is made up of laterite. The ground altitudes are varying from 420 to 684 meter above MSL. Bidar plateau has an elevation range from 640 to 684 meter above MSL. The ground surface is flat, gently sloping forming broad valleys and flat topped hills. Flat topped hills with step like sides exhibit the terraced landscape.

Figure-04: Geomorphology Map of Bidar district

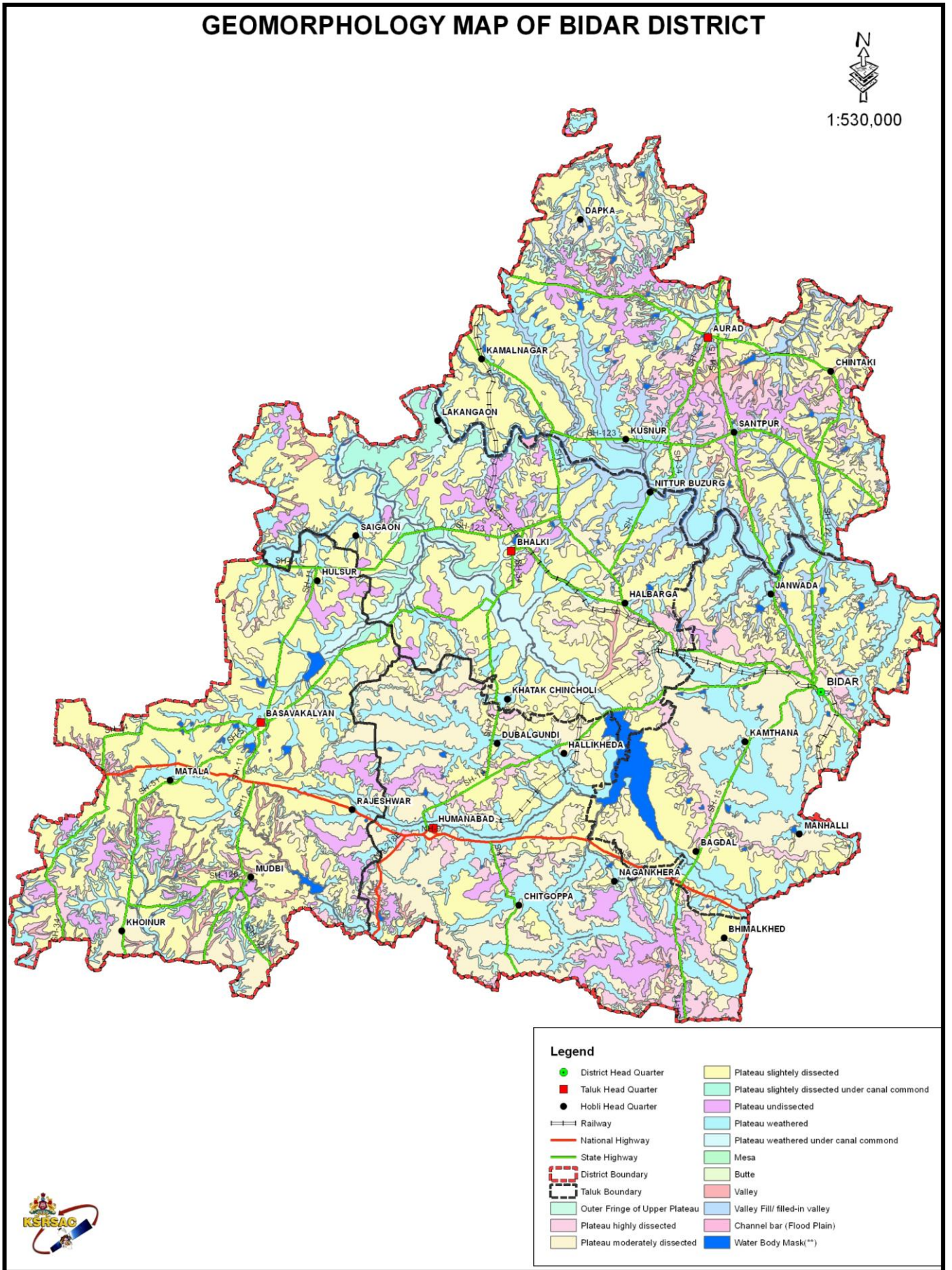


Figure-05: Lithology Map of Bidar district

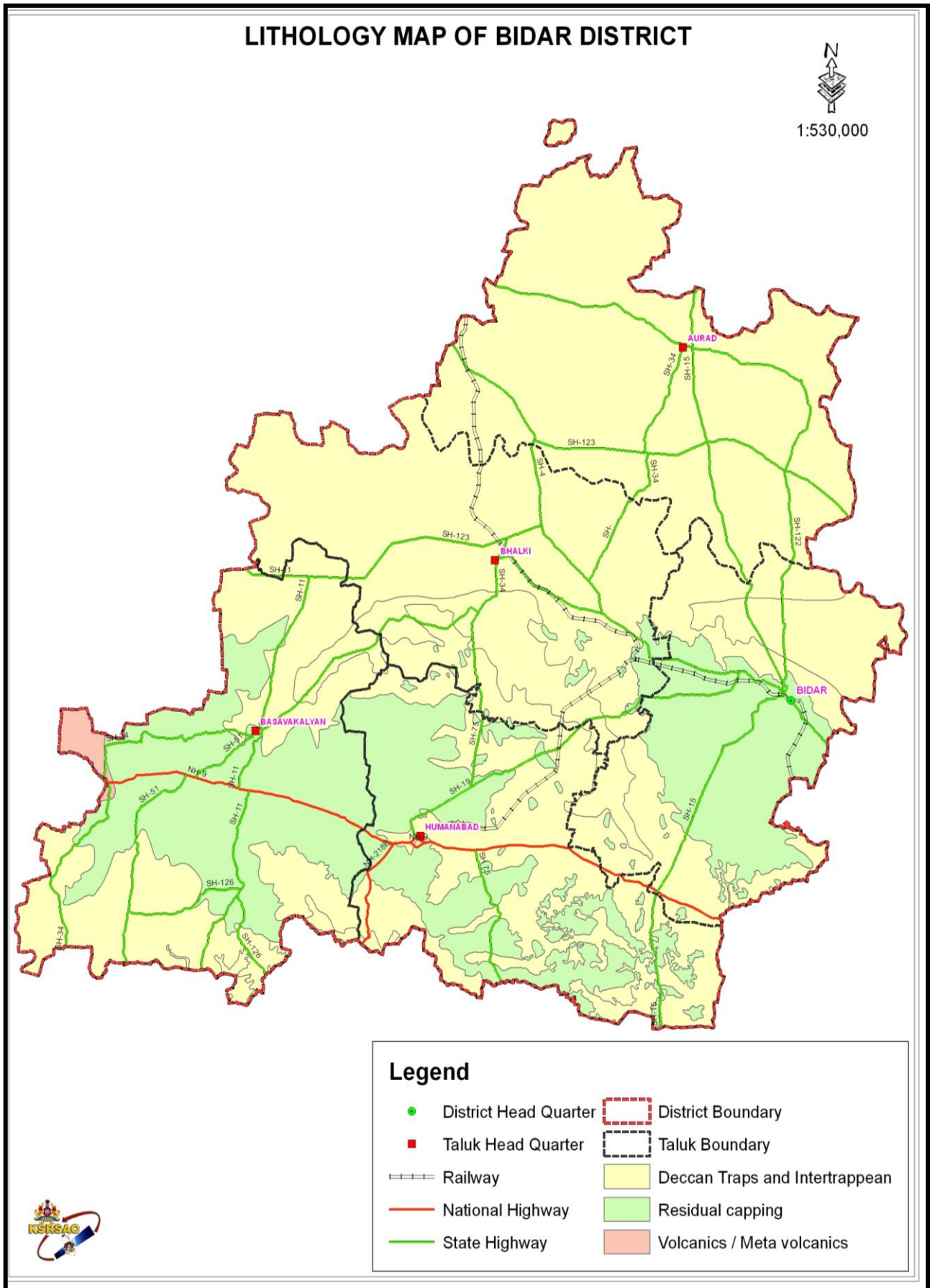


Figure-06: Slope Map of Bidar district

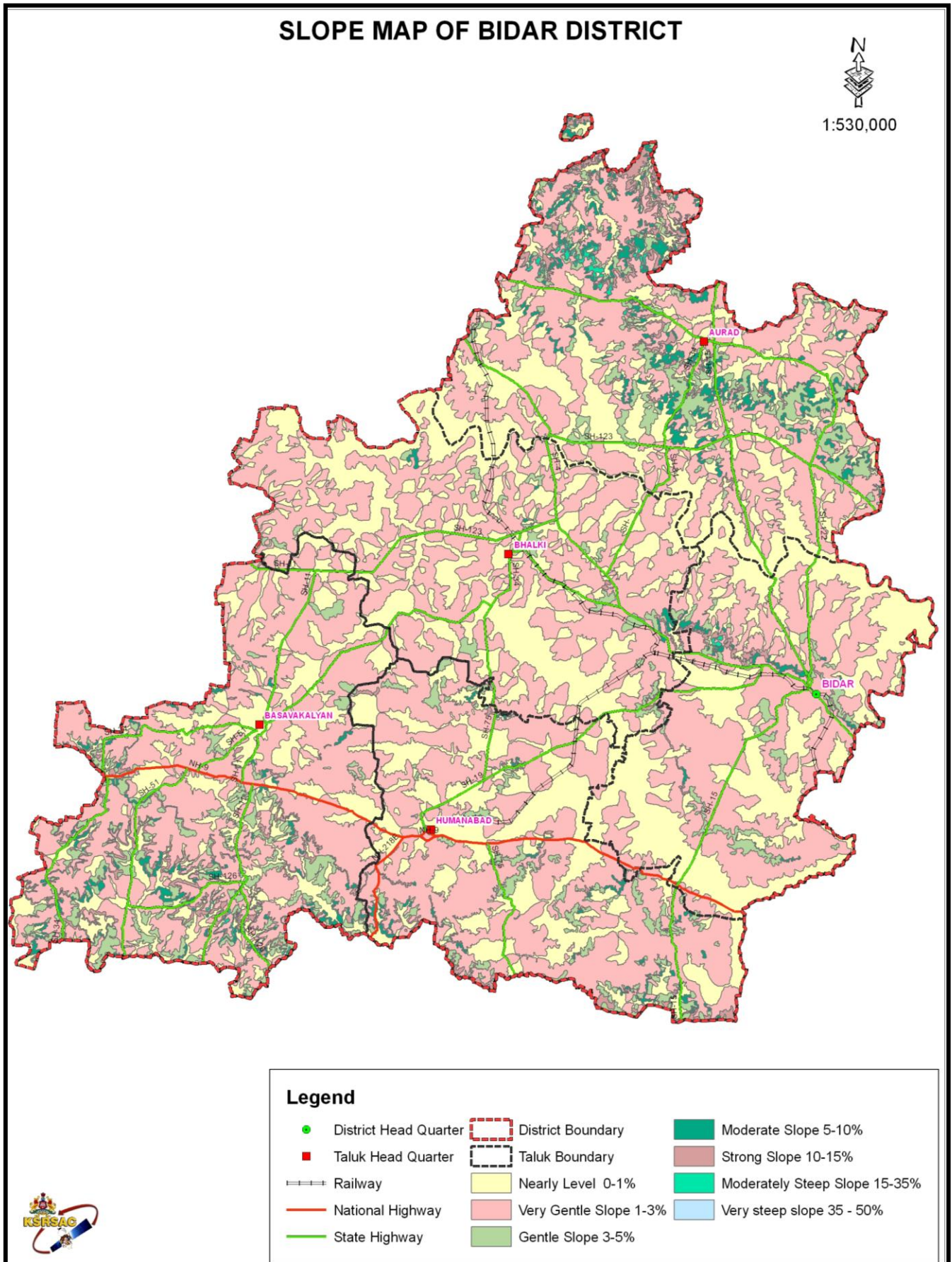
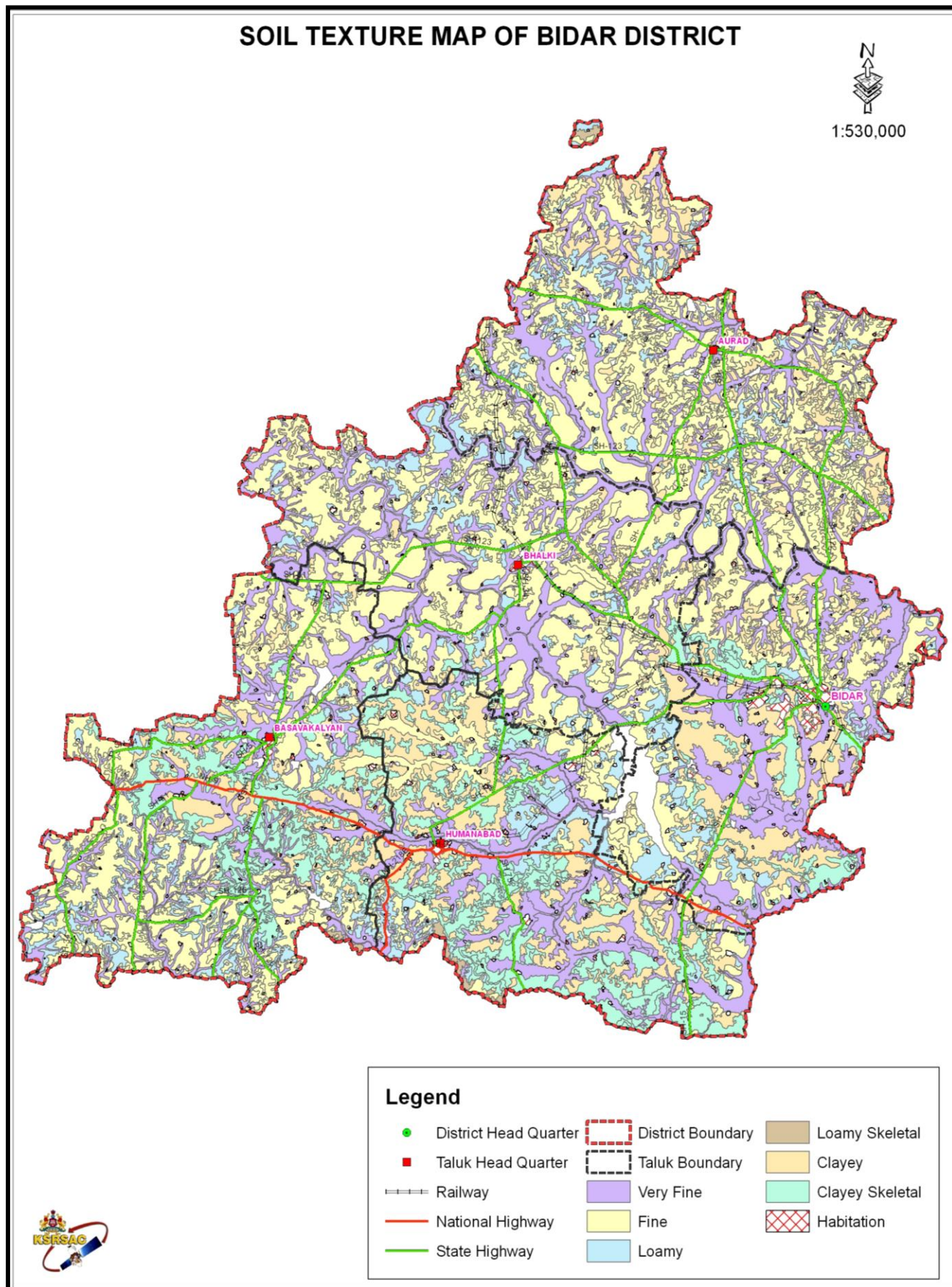


Figure-07: Soil Texture Map of Bidar district



1.8 Flora and Fauna:

Bidar is already making its presence not only as Historical Place but also as a paradise for nature lovers, Bird watchers and many Travel and Wildlife photographers. Thanks to large no. of lakes and Karanja Reservoir in the Bidar district. Bidar is also known as land of seven springs. Large no. of migratory birds visits every year. While spending most their winters i.e. from November to February in Bidar district. Birds like Greater Flamingos, Coot, Painted storks, Woolly Necked Storks, Larks, Asian Brown Flycatcher, Paradise Fly Catcher, Olive Backed Pipette, Harriers, Red-crested Pochards, Falcons, Booted Eagle, Egyptian Vulture, wagtails, River terns, Peafowl, Indian Pitta and Bar Headed Goose etc. Black Bucks are not to be missed when in Bidar. Indian Fox, Monitor Lizard, Indian Civet Cat, Black-backed jackal, Pangolin, Porcupine and Wild Boars are also found. Best time to witness massive bird migration is from December to January. A green belt is covered with decades old forest plantations and constitutes many medicinal properties bearing plants. Bidar district houses only 8% to 10% green patch of the whole area. But still a home for more than 120+ bird species and some of 102 butterfly species which are found in Bidar are Common Jay (*Graphium doson*),tailed jay (*Graphium agamemnon*),crimson rose (*Pachliopta hector*),common rose (*Pachliopta aristolochiae*),Common Jezebel (*Delias eucharis*),Tiny Grass Blue (*Zizula hylax*),Psyche (*Leptosia nina*),Grass Yellow (*Eurema laeta*), common nawab (*Polyura athamas*), Black rajah (*Charaxes solon*), common crow (*Euploea core*),Blue Tiger (*Tirumala limniace*), plain tiger (*Danaus chrysippus*), striped tiger (*Danaus genutia*).

The forests area covers 27707 ha. which is 5.11% of the geographical area of the district. The area covered Teak, Tamarind, Acacia, Glyricidia, Silver Oak, Nilgiri and Mango are major trees. The fauna includes Fox, Rabbit, Black-buck and deer. The common birds are Peacock, Parrots exists in the district.

Biomass and Livestock:

Those are about 2.47164 Lakh Sheep and Goats and 3.65905 Lakh large animals inclusive of indigenous Cow, Hybrid Cow. In descriptive Buffalo's depending on grazing Lands for fodder. Although there is about **13964Ha** of pasture land in the District with **19127Ha** of Barren land which solely depend on nature precipitation. The area under Rabijowar, a major fodder source is getting diminished every year because of non profitability. The practice of growing green fodder and silage making needs to be accelerated and promoted to make it more palatable and to reduce wastage of fodder. The areas which are turning water logged, with Brackish water's under CADA area can be put to reuse after certain treatment for growing some of the perennial grasses for the cattle and reserve it as permanent pasture.

Table-19: 1.8. Livestock Details of Bidar district (Source: Livestock Census of India)

Name of the State **KARANATAKA**

Name of the District **BIDAR**

Name of the Block -

Small Animals					Large Animals				Any other Milch or Meat Animal (No)	Draft Animal (Buffalow/y ak/bulls/an y
Poultry (No.)	Ducks (No.)	Pigs (No.)	Goats (No.)	Sheep (No.)	Indigeno us Cow (Nos.)	Cross bred Cow (No.)	In descripti ve Buffalo (Nos.)	Cross bred Buffalo (Nos.)		
402661	-	4822	145895	88402	158762	23612	130611	-	-	52920

1.9 Land Use and Land Cover:

The district has 5417 sq. Km of total geographical area. Out of the total district area, 227.07 sq. Km is forest, which is 5.11% of the total area. The land not available for cultivation in the district is 411.33 sq.km and uncultivable area is 442.61 sq.km. Net sown is 3407.86 sq.km. and out of that 603.39 sq.km. is sown more than once. The talukawise details of land utilization are given below in the table.

Agriculture is utilizing an area of 78.98% of the total geographical. The gross cropped area during the year 2013-14 in the district is 427895 ha. The net area sown is 349656 ha, which is 65% of total geographical area of the district.

Table-20: Taluka-wise land utilization in Bidar District (in Sq.km)

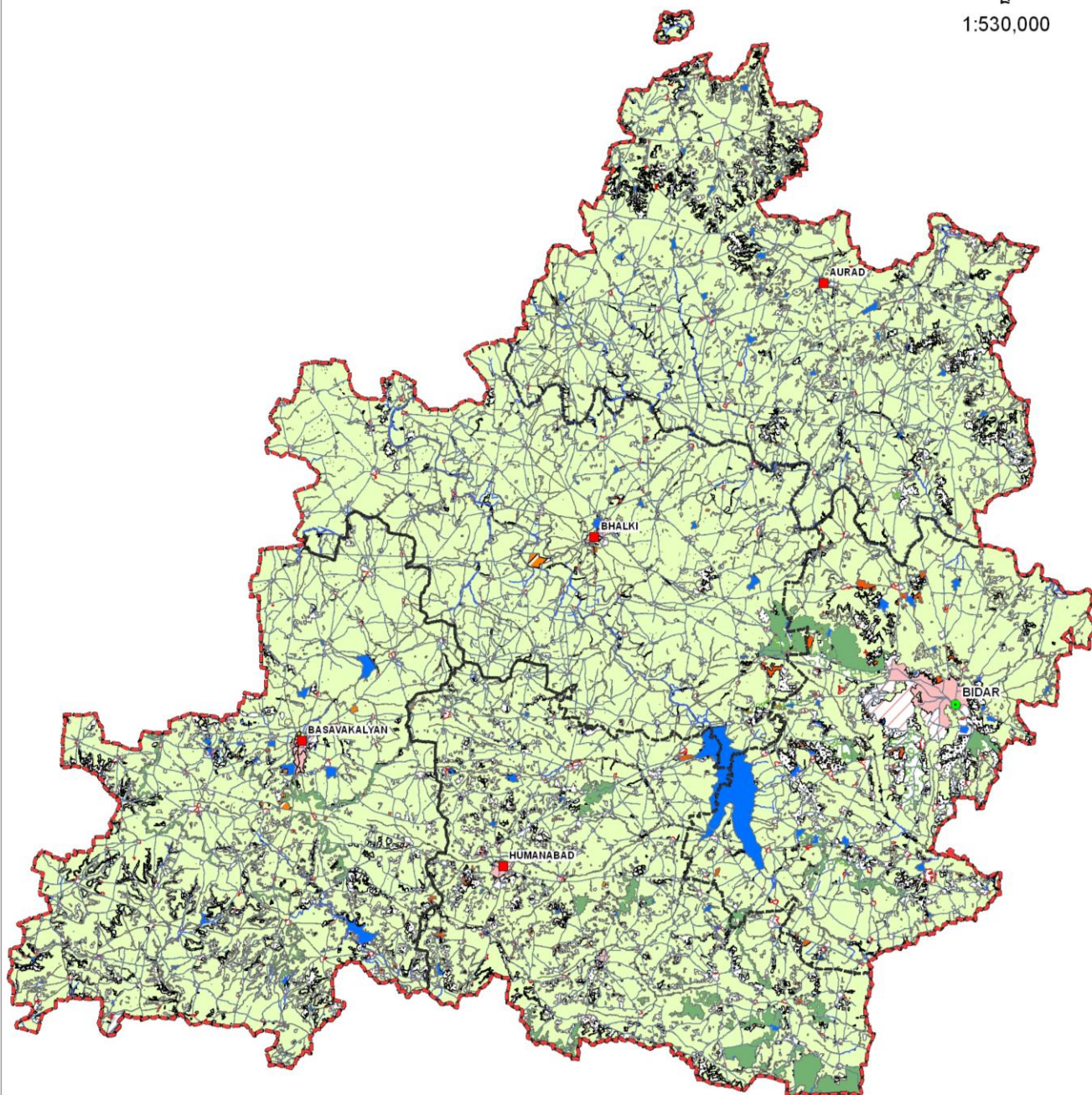
Sl.No	Taluka	Area (Sq.Km)	Forest	Land not available for cultivation	Un cultivable land	Fallow land	Net Area Sown		
							Net sown	Sown >once	Total
1	Aurad	1216.22	23.11	58.74	78.50	253.34	802.53	117.58	920.11
2	Basavakalyan	1194.38	71.43	109.41	95.73	196.92	720.89	141.24	862.13
3	Bhalki	1092.59	25.84	56.55	139.46	101.54	769.20	184.36	953.56
4	Bidar	922.03	46.55	68.24	34.77	235.57	536.90	76.55	613.45
5	Humnabad	922.43	110.14	118.39	94.15	91.41	578.34	83.66	662.00
	Total	5347.65	277.07	411.33	442.61	878.78	3407.86	603.39	4011.25

Figure-08: Land Use/Land cover Map of Bidar district

LAND USE / LAND COVER MAP OF BIDAR DISTRICT



1:530,000



Legend

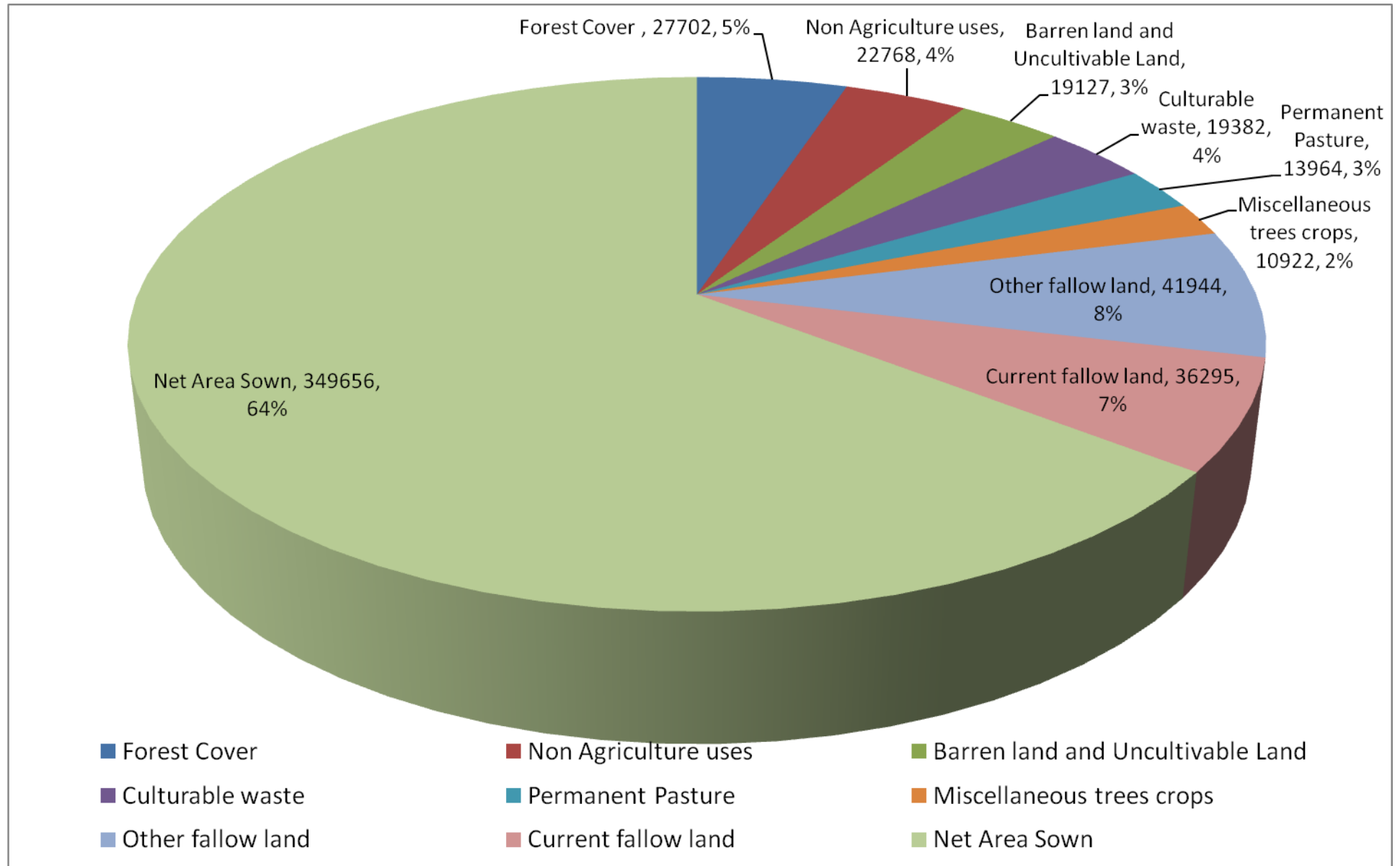
District Head Quarter	Forest plantation
Taluk Boundary	Hamlets and dispersed household
District Boundary	Mining / industrial
Taluk Boundary	Mixed Settlement
Agriculture plantation	Peri urban
Aquaculture / pisciculture	Sandy areas
Built up (Rural)	Scrub land Dense
Built up (Urban)	Scrub land Open
Canal	Transportation
Core urban	Village
Crop land	Waterlogged
Forest	Waterbodies



Table-21: Land Utilization (Ha.)

1	Total Area	541765
2	Forest Cover	27702
3	Non Agriculture uses	22768
4	Barren land and Uncultivable Land	19127
5	Culturable waste	19382
6	Permanent Pasture	13964
7	Miscellaneous trees crops	10922
8	Other fallow land	41944
9	Current fallow land	36295
10	Net Area Sown	349656

Figure-09: Land utilization of Bidar District



1.10 Cropping pattern (2014-2015):

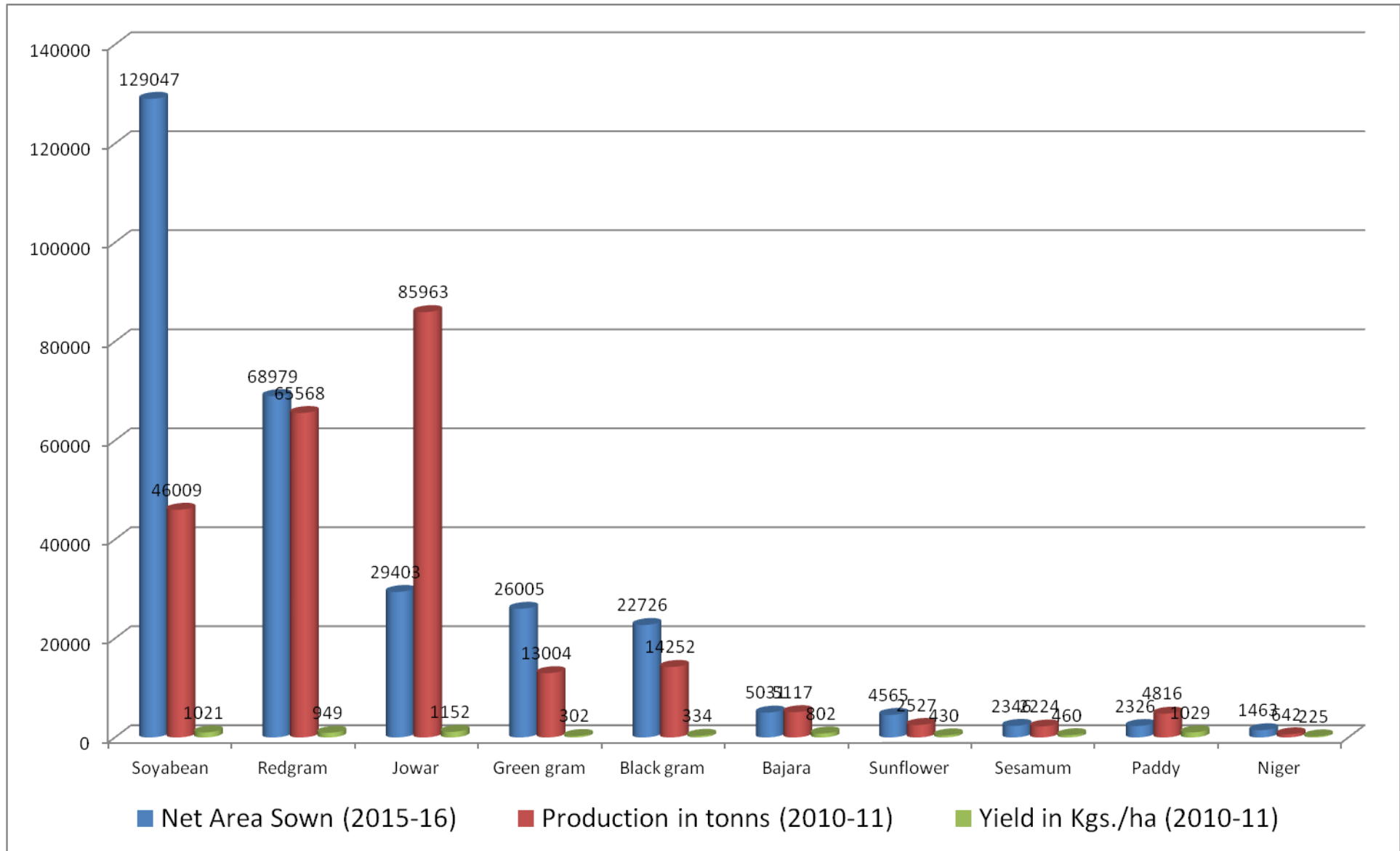
Two cropping seasons namely, *Kharif* (June to September) and *Rabi* (October to March). Sugar Cane is the main commercial crop of the district and nearly 8.30 % of the net area sown is covered. Other principal crops are soya beans, red gram, Jowar, Black gram, Green gram, Bengal gram, wheat, horse gram etc. The total area under food grains is 324384 ha, in *Kharif* seasons and 112825 ha. area is in rabbi season. Rotation of crops is a well practice in the district and mixed cropping is commonly practiced in the district during *Kharif*. More than once sown area is 86745 ha (20.27% of cultivable area) Summarized result comprising net area sown, production per tones and yield of principal crops is given in Table below.

Major crop of district is Soya bean, second major Red gram and other crops are Hybrid Jowar, Green gram, Black gram, sugar cane, Bengal gram, Rabi Jowar etc.

Table-22: Area under Major Crops of Bidar District

Sl No.	Name of Crops	Net Area Sown (2015-16)	Production in tonns (2010-11)	Yield in Kgs./ha (2010-11)
1	Soyabean	129047	46009	1021
2	Redgram	68979	65568	949
3	Jowar	29403	85963	1152
4	Sugarcane	28655	2200320	74000
5	Green gram	26005	13004	302
6	Black gram	22726	14252	334
7	Bajara	5031	5117	802
8	Sunflower	4565	2527	430
9	Sesamum	2346	2224	460
10	Paddy	2326	4816	1029
11	Niger	1463	642	225
12	Maize	1446	2684	2080
13	Avare	596	633	872
14	Wheat	3347	10271	1373
15	Bengal Gram	69476	28154	688
16	Safflower	13683	14548	1344

Figure:-10: Area, Production and Productivity of Major Crops of Bidar District



1.11 Size of agricultural holdings:

There are 80616 marginal farmers (land <1 ha.) second highest number and the total area is 44812.92 ha. Small farmers holding (land between 1- 2 ha.) are about 96617 which is highest, with a area of 136829.28 is the second highest, semi-medium farmers (2-4 ha.) are 54252 with an area of 143284.71 ha, 17401 with an area of 98903.90 of medium farmers (4-10 ha.) and large farmers >10 ha. are 2099 farmers and the area is 29744.54 ha. The total number of holding of various sizes along with percentage and SC/ST Wise is given in **Table below**.

Table- 23: Distribution of Agriculture Holdings (TOTAL FARMER)

Sl. No.	Category of Farmer	Size of holding (Ha.)	Holdings			
			No.	Area (Ha.)	% of No.	% of Area.
1	Marginal	< 1	80616	44812.92	32	10
2	Small	1 to 2	96617	136829.28	38	30
3	Semi-medium	2 to 4	54252	143284.71	22	32
4	Medium	4 to 10	17401	98903.90	7	22
5	Big	>10	2099	27944.54	1	6
	TOTAL		250985	451775.35	100	100

Figure-11: Distribution of Land holding (Total Farmers)

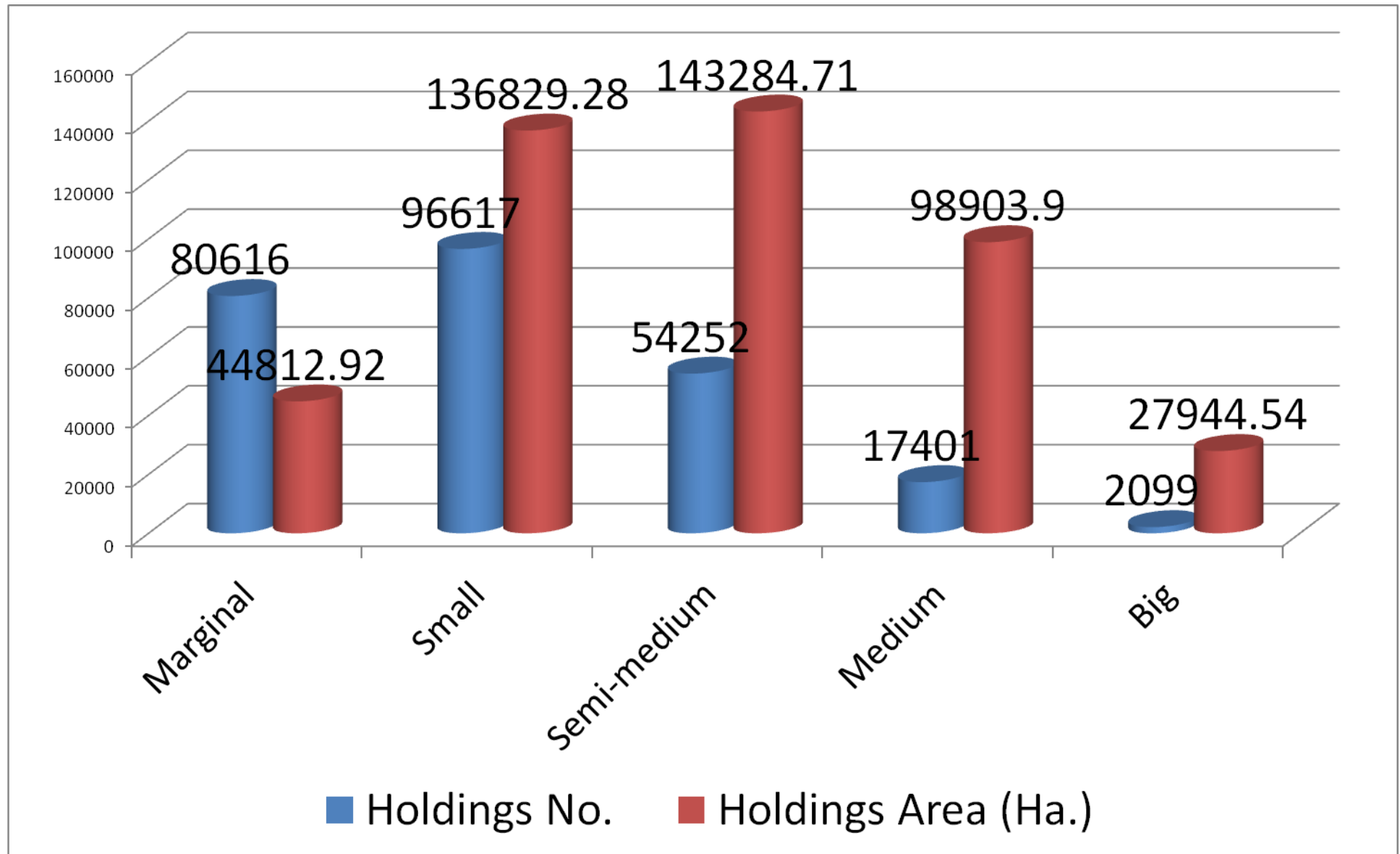


Table- 24: Distribution of Agriculture Holdings (SC FARMER)

Sl. No.	Category of Farmer	Size of holding (Ha.)	Holdings			
			No.	Area (Ha.)	% of No.	% of Area.
1	Marginal	< 1	11836	6578.62	40.14	15.94
2	Small	1 to 2	11819	16438.92	40.08	39.83
3	Semi-medium	2 to 4	4831	12031.46	16.38	29.15
4	Medium	4 to 10	910	4989.15	3.09	12.09
5	Big	>10	91	1235.05	0.31	2.99
	TOTAL		29487	41273.20	100.00	100.00

Figure-12 Distribution of Land holding (SC Farmers)

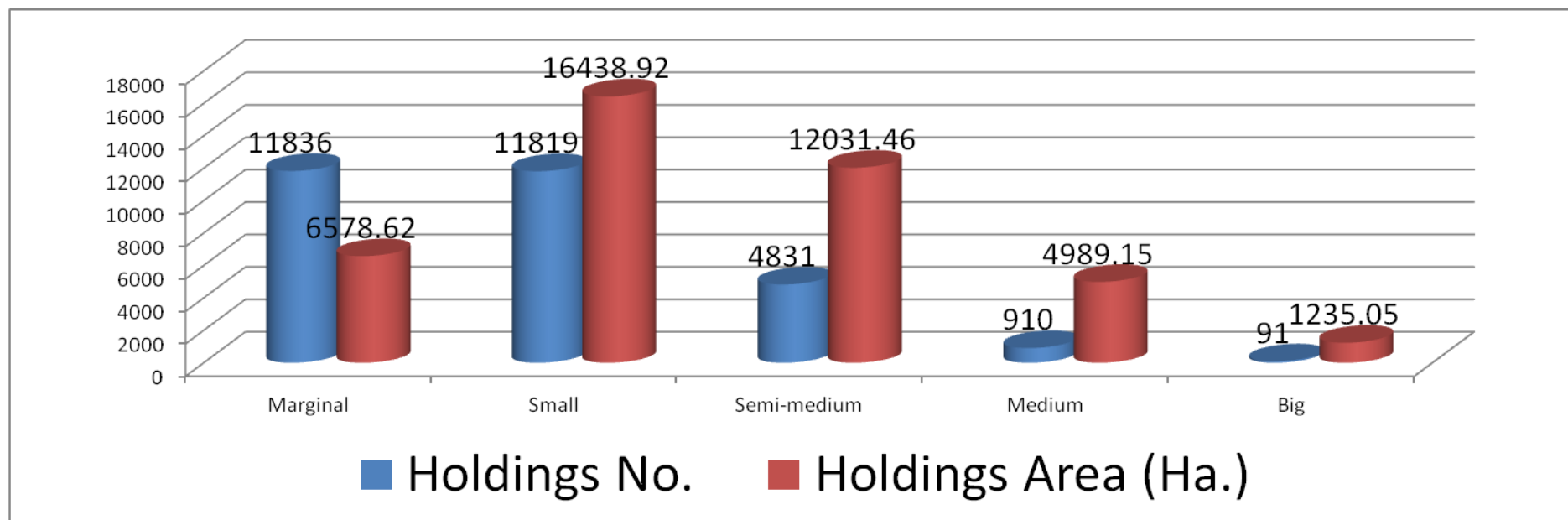
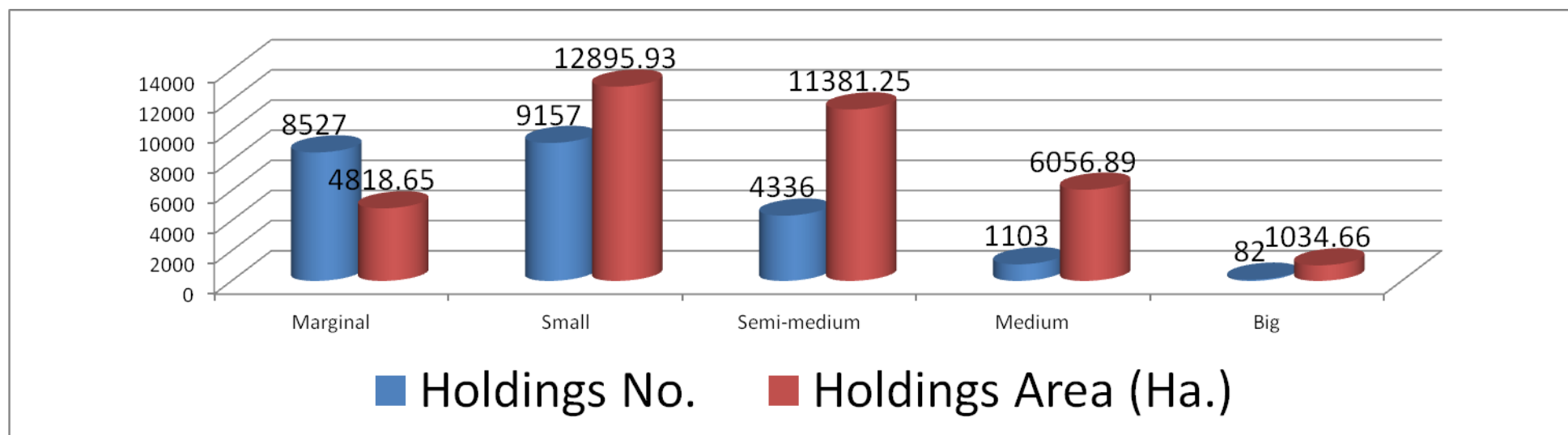


Table- 25: Distribution of Agriculture Holdings (ST FARMER)

Sl. No.	Category of Farmer	Size of holding (Ha.)	Holdings			
			No.	Area (Ha.)	% of No.	% of Area.
1	Marginal	< 1	8527	4818.65	36.75	13.32
2	Small	1 to 2	9157	12895.93	39.46	35.64
3	Semi-medium	2 to 4	4336	11381.25	18.69	31.45
4	Medium	4 to 10	1103	6056.89	4.75	16.74
5	Big	>10	82	1034.66	0.35	2.86
	TOTAL		23205	36187.38	100	100

Figure-13: Distribution of Land holding (ST Farmers)



1.12 Climate and Rainfall:

It is a charming city – one of its charms being a very bracing climate practically throughout the district and for the greater part of the year. April and May in Bidar are hot, but even during this hot weather, the heat is often broken by sharp and sudden thunder showers. By early June the south-west monsoon sets in with its pleasant coolness and the weather is back to its bracing glory. The cold weather is never too cold and the rainfall is never excessive though its excessive variation is often the cause, symptom and malaise of severe droughts. One other aspect of its charm is that it is full of history- every village and town being replete with monuments, legends, stories of valour, romance of beautiful princesses, long forgotten battles, feuding military adventurers and even of social reform movements that shook the very foundation and structure of medieval Hinduism.

The winter season is from November to middle of February. Bidar is one of the coldest city (by southern standards) in Karnataka as the minimum temperature during winter nights regularly hovers around 11-12 during December. December is the coldest month with mean daily maximum temperature of 27.3 C and mean daily minimum of 13.4 C. From the middle of the February, both day and night temperatures begin to rise rapidly. May is the hottest month with mean daily maximum temperature of 38.8 C and mean daily minimum of 25.9 C. With the withdrawal of southwest monsoon in the first week of October, there is slight increase in day temperature but night temperature decreases steadily. After October, both day and night temperatures decrease progressively. The highest maximum temperature recorded at Bidar was on 8-5-1931 (43.3 degree C) and the lowest minimum was on 5-1-1901 (2.9 degree C, the lowest temperature ever recorded in Karnataka).

The climate of the district is dry throughout the year except in the south-West monsoon months. The relative humidity is high during the South-West monsoon season and low in the summer. The district enjoys four seasons viz.,

1. Summer season from middle of February to first week of June:
2. Monsoon season from middle of June till the end of September:

3. Post monsoon season during October and November months; and
4. cold season from December to middle of February.

The district is prominently influenced by the South-West monsoon. The 96-year (1908-2003) average annual rainfall of the district is 821.74 mm. The monthly recorded maximum and minimum rainfall of the district during monsoon period is given in table below.

Table-26 : Climate data for Bidar District

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Year
Average high °C (°F)	28.6 (83.5)	31.8 (89.2)	34.6 (94.3)	36.4 (97.5)	37.5 (99.5)	33.4 (92.1)	30.5 (86.9)	29.0 (84.2)	30.1 (86.2)	29.0 (84.2)	27.7 (81.9)	27.4 (81.3)	31.33 (88.4)
Average low °C (°F)	14.0 (57.2)	15.9 (60.6)	18.9 (66)	23.0 (73.4)	25.5 (77.9)	23.9 (75)	22.0 (71.6)	21.2 (70.2)	21.5 (70.7)	19.0 (66.2)	16.9 (62.4)	12.9 (55.2)	19.56 (67.2)
Average rainfall mm	12.6	17.1	23.0	22.0	42.2	114.1	180.1	245.5	136.0	102.6	39.2	3.5	937.9

The monthly rainfall as shown above rains mainly from June to October with the heavy intensity, rainfall generally is spread over 39 to 53 days. Nearly 75% to 80% of annual rainfall is during the period of southwest monsoon which results in water drains out from fields to nala and then to river. Due to the heavy and uneven rains the maximum loss of fertile soils of the fields. A few showers are also received during the North-East Monsoon, generally in the month of November and December. Hence the watershed activity to be taken up in the fields to reduce the soil losses and also increase the in suite moisture, by which the crop yields increases,

Table-27: Taluka wise Normal rainfall in Bidar District (Source: Statistical Dept, GOK)

Sl.No	Taluka	No. Of Raingauge Stations	Rainfall (in mm)		RainyDays	
			Normal 1941 to 1990	Actual Rainfall 2009	Normal 1941 to 1990	Actual Rainfall 2009
1	Aurad	6	888	644	45	41
2	Basavakalyan	6	821	619	49	41
3	Bhalki	9	894	678	50	44
4	Bidar	8	998	916	55	42
5	Humnabad	8	828	901	47	39
	Average	37 (total)	886	752	49	41

Table-28 : Taluka wise Seasonal and Annual normal rainfall in Bidar District for the period from 2001-to 10 (Source: CGWB report,2012)

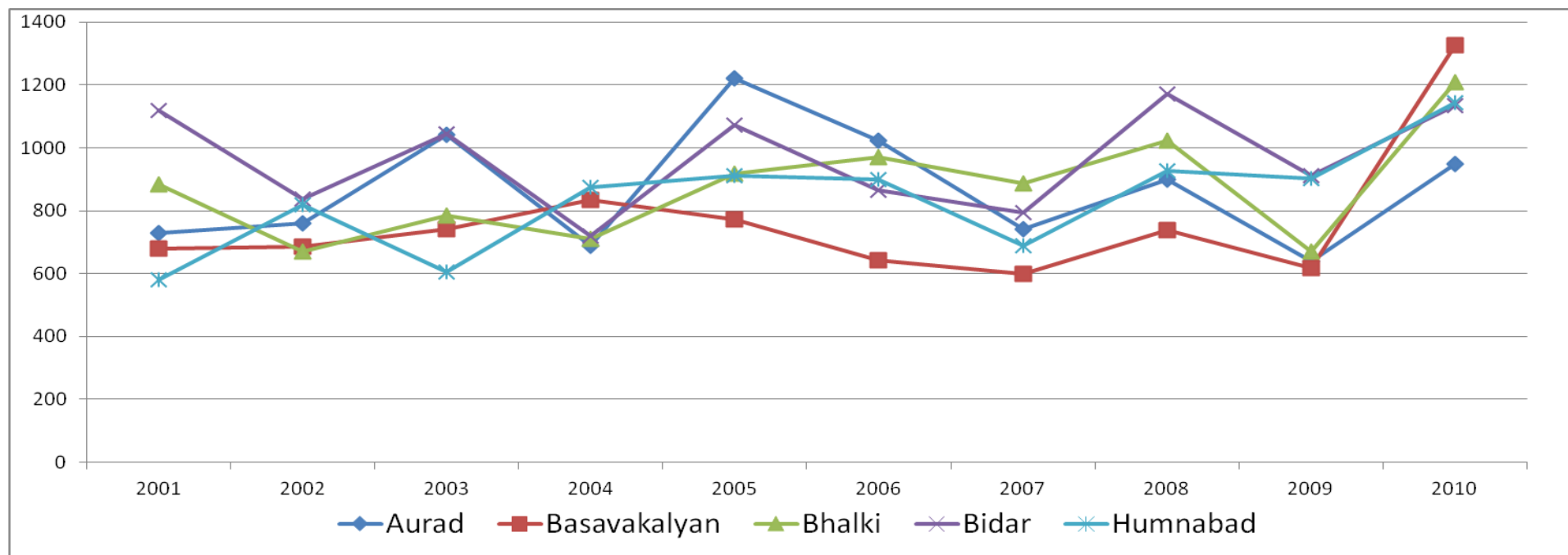
Sl.No	Taluka	Pre-Monsoon (in mm)	SW Monsoon (in mm)	NE Monsoon (in mm)	Annual (in mm)
1	Aurad	70	719	81	869
2	Basavakalyan	86	599	79	763
3	Bhalki	79	706	88	873
4	Bidar	93	751	124	968
5	Humnabad	99	634	101	835

Table-29: Annual normal rainfall in Bidar District for the period from 2001 to 2010

(Source: CGWB report,2012)

Sl.No	Taluka	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
1	Aurad	730	760	1042	690	1221	1024	741	899	639	948
2	Basavakalyan	681	685	740	833	771	643	598	737	618	1326
3	Bhalki	884	669	786	711	918	969	887	1023	671	1210
4	Bidar	1120	838	1046	721	1073	866	794	1172	912	1135
5	Humnabad	581	820	605	873	911	899	688	928	901	1144

Figure-14: Annual normal rainfall in Bidar District for period from 2001 to 2010



CHAPTER 2: DISTRICT WATER PROFILE

Water is one of the essential for the survival of life, and without it plant and animal life would not been possible. Water is a central component of Earth's system, providing important controls on the world's weather and climate. Water is also essential to our economic well-being, supporting agriculture, forestry, navigation, waste processing, and hydroelectricity. Recreation and tourism are other primary uses supported by water.

The crisis about water resources development and management arises in Bidar District, Karnataka state mostly because of the highly uneven spatial distribution of rainfall that too since two years and the intensity of the rainfall was unfortunate.

Accordingly, the importance of water has been recognized and greater emphasis is being laid on its economic use and better management. Although the water in the dams, lakes and reservoirs represents a relatively small percentage of total available water on earth, dams and the under ground water are used as a reliable source of drinking and for irrigation. Water availability in the dams is an important source of agricultural water need. Changes in the water levels are because of temporal variation of inflow to the existing dams. These changes mainly reflect changes in rainfall, evapo-transpiration (ET), infiltration, runoff and human activities over the catchment area. It is observed that these fluctuations constitute a sensitive indicator of past and present climate and human activity changes at a local and regional scale.

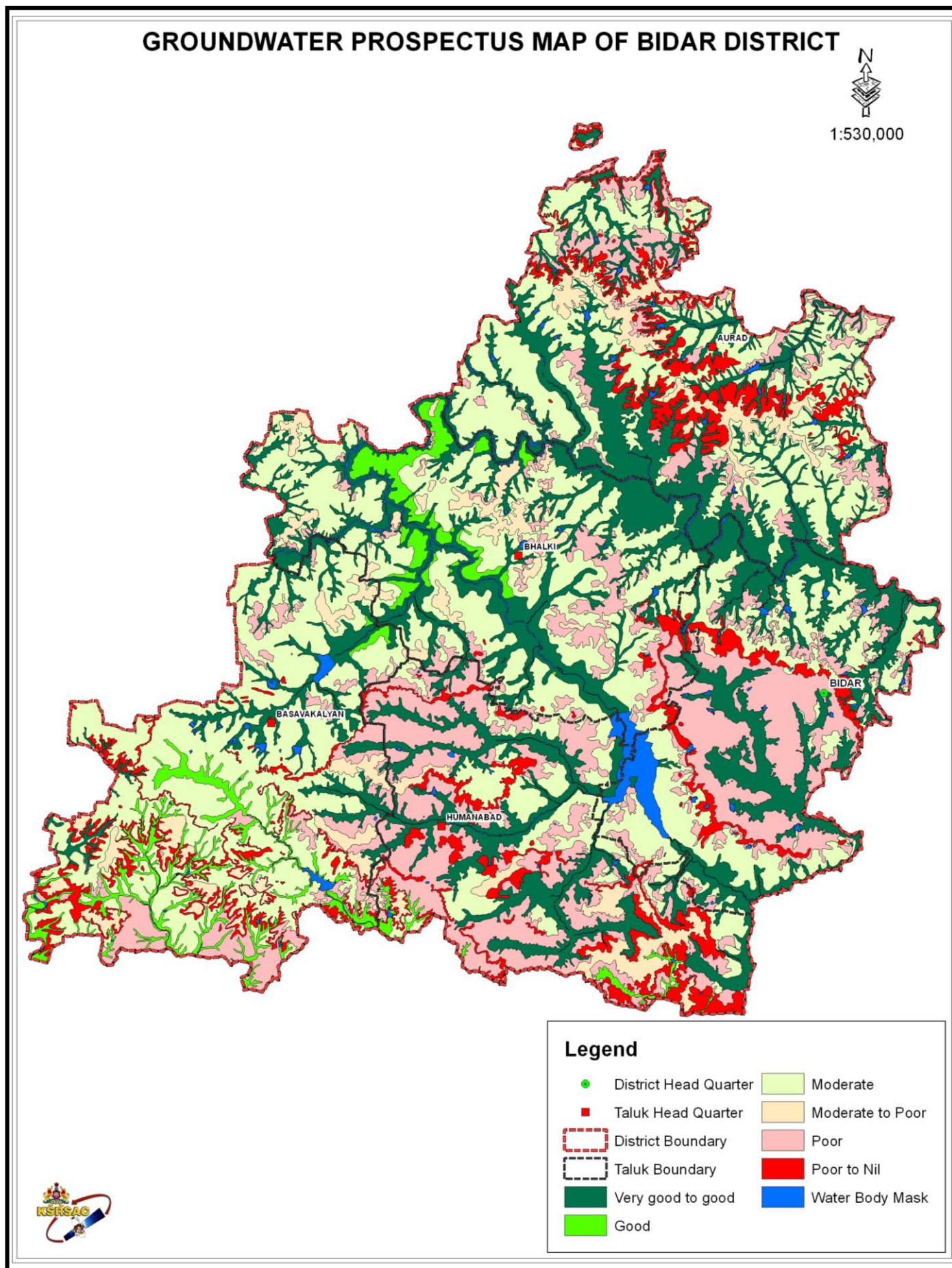
Groundwater Recharge/Depletion

Ground water resources may be termed as subsurface hydrosphere resources. It includes all waters below land surface and in the saturation zone that are in direct contact with soil or grounds. With the increasing demand of water due to population growth and resulting increase in agricultural and economic activities, groundwater extraction is increasing at a very fast rate, resulting in rapidly lowering of water table year after year. Due to this situation, infiltration and further percolation are increasing, making less contribution of base flow to the surface flow and thereby reducing the surface runoff. Due to excessive pumped withdrawal of groundwater and corresponding negligible recharge by natural process the groundwater is steadily dropping. In these circumstances, results (Solis et al. 2011) show that groundwater banking can significantly improve water management in the basin, increasing system storage, improving water supply for users in the basin, and enhancing compliance with the treaty obligations. Since the 1970s, groundwater banking studies have considered the economic and the hydraulic feasibility of storing water in aquifers in wet periods and recovering it later in dry periods.

In Bidar district Ground water is the only main source of the agriculture and domestic purpose and as per ASCR 201-13, it contributes 94% to irrigation in the district. Water bearing formations (Aquifers) exists in Deccan trap (Basalt) and the Lateritic formations. The Deccan Traps were formed between 60 and 68 million years ago. The size and inter connectivity of vesicles, the joint patterns and intertrapean beds control occurrence and movement of water in Basalts and normally yield better quality of water. Laterization of Basalts on vast scale is prominent. The porous Laterite capping generally as shallow aquifer (open/dug wells) and yield good quantity of water for short duration. The main source of recharge to these aquifers is precipitation and water applied for irrigation

In Bidar District, there are three types of ground water abstraction structures i.e the dug well, bore well and dug cum bore well. The yield of the well depends upon the geological formation, their location with respect to topography, diameter and depth of the well etc.

Figure-15: Ground Water Status Map of Bidar district



Yield of Dug well

Majority of the dug wells are used for domestic purposes. The rope and bucket is usually used for withdrawal of water. The yield of dug wells and dug cum bore wells range from 20 to 200 m³/day with pumping duration of one to four hour per day during summer and 5 to 10 hour during winter.

Yield of Bore well

To provide drinking water facilities to villages, the state govt. Has drilled large number of bore wells. The yield of Borewells range from less than 1 lps to 12.64 lps. Most of the high yielding bore wells are generally in the vicinity of lineament. Most of the high yielding bore wells are fitted with power pumps and poor yielding bore wells are fitted with hand pumps.

Irrigated Agriculture:

In geo-physical terms Bidar district is part of the semi-arid and drought-prone belt of northern Karnataka and has been susceptible to periodic droughts. Though some 82 percent of the total land is cultivated, only eight (8) percent of its total cultivable area is irrigated.

Serious issues are arising due to the existence of huge disparity in water access and utilization among head and tail end users, which has resulted in the over exploitation of groundwater, thus declining the groundwater table, in the canal irrigated areas as well. Further, an increased cost of cultivation and soil salinity results in unsustainable agriculture in such irrigated areas. Moreover, the storage capacity of reservoirs has declined (both live and dead storage capacity) due to the excessive siltation leading to less water availability. In addition, the individual farmers have made huge private investments for developing and using groundwater resources, significantly enhancing the irrigated areas. Innovations in pumping technology have accelerated the groundwater extraction, resulting in overexploitation and declining groundwater resources to unsustainable levels. In irrigated areas, the farmers' have switched over to high water requiring and economically remunerative crops and intensive cultivation with the

traditionally flood irrigation method. These unsustainable practices are threatening agriculture and food security. For enhancing the water use efficiency (WUE) and minimizing the unproductive evaporation loss of water, the government has promoted micro irrigation (MI) systems using sprinklers and drip as key demand management interventions for water saving purposes. Properly designed and managed MI systems can save up to 40% to 80% of water through increased WUE up to 100% when compared to a mere 30-40% of water under the conventional surface irrigation system. Large scale investments by the government and private individuals on the use of micro-irrigation especially in horticulture and high-value crops has benefited large numbers of farmers across the region in terms of water saving, enhancing crop productivity, increased area under irrigation, improved income and livelihoods. In addition, the lack of skill and knowledge of the farmers' about the drip irrigation and its maintenance practices itself, remained as constraints for its adoption. High costs of the soluble fertilizers also restricted the use of efficient fertigation practices by the farmers. This is possible only by enhancing the efficiency of the irrigation schemes, minimizing the transmission losses, minimizing the land degradation (Stalinization, water logging and pollution of groundwater and environment), controlling overexploitation of groundwater, and increasing the agricultural productivity as well as profitability, thus protecting the environment. Further, to overcome the labor scarcity, cooperative farming can be encouraged by involving Self-Help Groups (SHGs) and Production Groups, along with mechanization of agricultural operations.

Rainfed Agriculture:

Rainfed agriculture covers a large area (92%) of agriculture and comprises of areas that are completely dependent on rain and areas with supplemental irrigation through rainwater harvesting or groundwater recharge.

However, urgent steps are needed in terms of institutional, technical, and policy innovations to harness the maximum benefits using science-led and demand driven watershed implementation for transforming the rainfed agriculture scenario in the country. New watershed initiatives such as Integrated Watershed Development Program (IWMP) and benefit the country at the same time. The Government of Karnataka with technical support from the

ICRISAT-led consortium initiated a mission program “Bhoochetana”, which was implemented in developed watersheds to help increase the agricultural productivity in the state. In Bhoochetana, soil health mapping was used as an entry point activity and based on the soil health mapping, balanced and integrated nutrient management recommendations were developed, disseminated to the farmers’ through farmer facilitators, wall writings, soil health cards, and internet. In addition, it also ensured the availability of these inputs at the village level as well.

Through the convergence of schemes, incentivized supply of micronutrients and improved seeds along with innovative monitoring and evaluation system resulted in increased productivity for different crops by 20 to 66 per cent over the farmers’ conventional management practices. Based on the success of Bhoochetana project, the GOK decided to undertake a integrated system approach converging agriculture, horticulture, and livestock in four districts through a project named “Bhoosamrudhi. With the technical support from the eight international research institutions along with state agricultural universities led by ICRISAT. It is an innovative approach to break the existing silos and achieve convergence for attaining efficiency and impacts at the ground level.

There is an urgent need to transform the rainfed agriculture not only for increasing the agricultural production, profits and for minimizing land degradation but to make it attractive for the youth and women as a respectable profession, by using scientific tools for mechanization, knowledge sharing, establishing market linkages and value addition. Such practices ensure larger share of benefits through processing etc. that are retained in the villages with substantially increased investments.

Table-30: 2.1 Area-wise, Crop-wise Irrigation Status

(Source: Department of Agriculture, Agriculture Statistic of State, Agri-stat)

Name of the State: Karnataka

Name of the District : Bidar

Name of the Block: Aurad

Crop Type	Kharif (Area in ha)			Rabi Area in ha			Summer Crop (Area in ha)			Total Area in ha			Horticulture & Plantation Crops (Area in ha)		
	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total
A) Cereals	0	0	0	0		0	0	0	0	0	0	0			
B) Coarse Cereals	100	1002	1102	0	3843	3843	0	0	0	100	4845	4945			
C) Pulses	0	19056	19056	0	10853	10853	0	0	0	0	29909	29909			
D) Oil Seeds	0	46286	46286	0	2843	2843	0	0	0	0	49129	49129			
E) Fibre	0	340	340	0	0	0	0	0	0	0	340	340			
F) Any other crops...	1583	0	1583	0	0	0	0	0	0	1583	0	1583	1807.8	51	1858.8

Table-31: 2.1 Area-wise, Crop-wise Irrigation Status

(Source: Department of Agriculture, Agriculture Statistic of State, Agri-stat)

Name of the State: Karnataka

Name of the District : Bidar

Name of the Block: Baswakalyan

Crop Type	Kharif (Area in ha)			Rabi Area in ha			Summer Crop (Area in ha)			Total Area in ha			Horticulture & Plantation Crops (Area in ha)		
	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total
A) Cereals	0	50	50	0		0	0	0	0	0	50	50			
B) Coarse Cereals	412	10343	10755	560	4000	4560	0	0	0	972	14343	15315			
C) Pulses	0	20547	20547	0	7600	7600	0	0	0	0	28147	28147			
D) Oil Seeds	0	28217	28217	0	2400	2400	0	0	0	0	30617	30617			
E) Fibre	0	0	0	0	0	0	0	0	0	0	0	0			
F) Any other crops.	4363	0	4363	0	0	0	0	0	0	4363	0	4363	4756.8	30	4786.8

Table-32: 2.1 Area-wise, Crop-wise Irrigation Status

(Source: Department of Agriculture, Agriculture Statistic of State, Agri-stat)

Name of the State: Karnataka

Name of the District : Bidar

Name of the Block: Bhalki

Crop Type	Kharif (Area in ha)			Rabi Area in ha			Summer Crop (Area in ha)			Total Area in ha			Horticulture & Plantation Crops (Area in ha)		
	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total
A) Cereals		50	50	0		0	0	0	0	0	50	50			
B) Coarse Cereals	120	3910	4030	1500	23800	25300	0	0	0	1620	27710	29330			
C) Pulses		30830	30830	0	23865	23865	0	0	0	0	54695	54695			
D) Oil Seeds		27210	27210	0	7000	7000	0	0	0	0	34210	34210			
E) Fibre		0	0	0	0	0	0	0	0	0	0	0			
F) Any other crops...	6147		6147	0	0	0	0	0	0	6147	0	6147	3791	35	3826

Table-33: 2.1 Area-wise, Crop-wise Irrigation Status

(Source: Department of Agriculture, Agriculture Statistic of State, Agri-stat)

Name of the State: Karnataka

Name of the District : Bidar

Name of the Block: Bidar

Crop Type	Kharif (Area in ha)			Rabi Area in ha			Summer Crop (Area in ha)			Total Area in ha			Horticulture & Plantation Crops (Area in ha)		
	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total
A) Cereals		125	125	0		0	0	0	0	0	125	125	0	0	0
B) Coarse Cereals	820	4820	5640	1150	6000	7150	0	0	0	1970	10820	12790	0	0	0
C) Pulses		15900	15900	0	15600	15600	0	0	0	0	31500	31500	0	0	0
D) Oil Seeds		16653	16653	0	2000	2000	0	0	0	0	18653	18653	0	0	0
E) Fibre		30	30	0	0	0	0	0	0	0	30	30	0	0	0
F) Any other	8806		8806	0	0	0	0	0	0	8806	0	8806	5066	55	5121

Table-34: 2.1 Area-wise, Crop-wise Irrigation Status

(Source: Department of Agriculture, Agriculture Statistic of State, Agri-stat)

Name of the State: Karnataka

Name of the District : Bidar

Name of the Block: Bidar

Crop Type	Kharif (Area in ha)			Rabi Area in ha			Summer Crop (Area in ha)			Total Area in ha			Horticulture & Plantation Crops (Area in ha)		
	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total	Irri gated	Rain fed	Total
A) Cereals		125	125	0		0	0	0	0	0	125	125	0	0	0
B) Coarse Cereals	820	4820	5640	1150	6000	7150	0	0	0	1970	10820	12790	0	0	0
C) Pulses		15900	15900	0	15600	15600	0	0	0	0	31500	31500	0	0	0
D) Oil Seeds		16653	16653	0	2000	2000	0	0	0	0	18653	18653	0	0	0
E) Fibre		30	30	0	0	0	0	0	0	0	30	30	0	0	0
F) Any other crops.	8806		8806	0	0	0	0	0	0	8806	0	8806	5066	55	5121

Table-35: 2.2 Production and Productivity of major Crops

(Source: DAP, Agriculture Statistic)

Name of the State: **Karnataka**

Name of the District: **Bidar**

Name of the Block: All Blocks

Season	Crop Sown						Rainfed				Irrigated			Total		
	Cereals	Coarse Cereals	Pulses	Oil Seeds	Fibre Crops	Any Other Crops	Area (ha)	Production (qtn/yr)	Productivity or Yield (Kgs/ha)	Cost of Cultivation (Rs./ha)	Production (qtn/yr)	Productivity (Kgs/ha)	Cost of Cultivation (Rs./ha)	Production (qtn/yr)	Productivity (Kgs/ha)	Cost of Cultivation (Rs./ha)
A. Kharif	56220	2298.61	157039	85987	548.77	34226.1	298156.9	3701624	12.42	6000 to 12000	2591960	71.55	10000 to 15000	6293584	83.97	6000 to 15000
B. Rabi	30066	0	58518	13976	0	1804	95308	677405	7.24	5000 to 10000	156400	17.27	6000 to 12000	833805	24.51	5000 to 12000
C. Summer	0	0	0	1179	0	10	0	0	0	0	16505	14.00	8000	16505	14.00	8000
TOTAL	86286	2298.61	215557	101142	548.77	36040.1	393464.9	4379029	19.66		2764865	102.82		7143894	122.47	

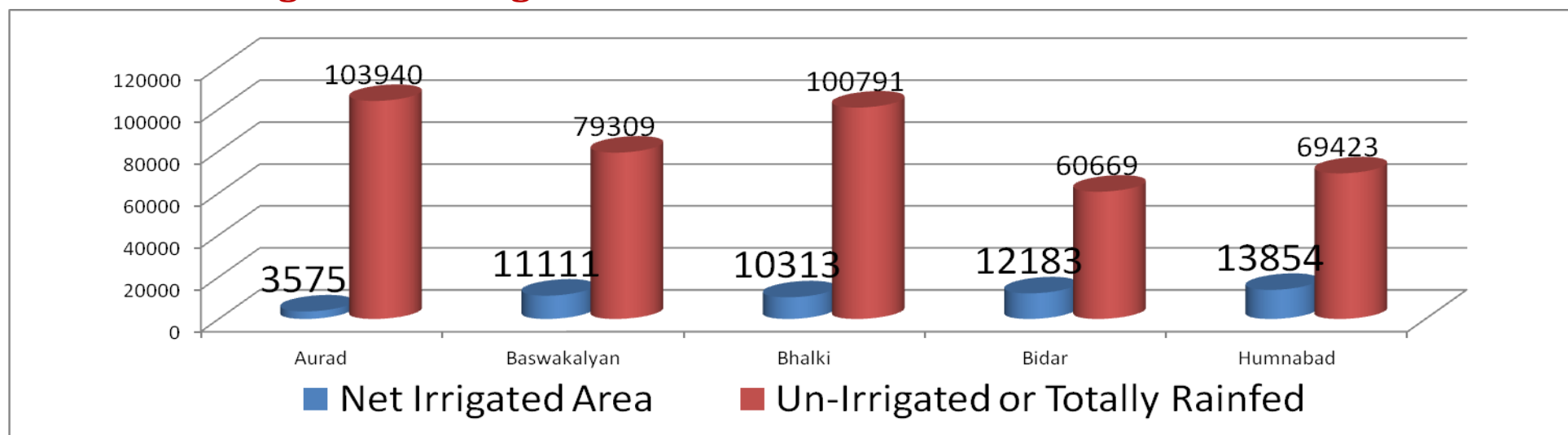
Table-36: Irrigation Based Classification in Bidar District

Name of the State: **Karnataka**

Name of the District: **Bidar**

Irrigated (Area in ha)			Rainfed (Area in ha)	
Name of the Block:	Gross Irrigated Area	Net Irrigated Area	Partially Irrigated/Protective Irrigation	Un-Irrigated or Totally Rainfed
Aurad	4220	3575	N A	103940
Baswakalyan	12707	11111	N A	79309
Bhalki	12616	10313	N A	100791
Bidar	14275	12183	N A	60669
Humnabad	16181	13854	N A	69423
TOTAL	59999	51036		414132

Figure-16 : Irrigation Based Classification of Bidar District



CHAPTER 3 : STATUS OF WATER AVAILABILITY

The status of Water availability for surface irrigation has been worked out for Kharif and Rabi Seasons in terms of BCM per ha is worked out for each of the source separately and for each of the projects. None of the Governmental source is going later the needs of the summer crops in the district.

No effluent treatment plants are established by any municipalities in the District and hence irrigation by urban effluents does not exist in the District.

Water Availability:

Table-37:3.1 Status of Water Availability

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

(BCM)					
S.No.	Sources	Kharif	Rabi	Summer	Total
1	Surface Irrigation				
(i)	Canal(Major & Medium Irrigation) MCM	0.03934	0.07355	0.00000	0.11289
(ii)	Minor Irrigation tanks	0.06990	0.02465	0.00000	0.09455
	Percolation Tanks (MI)	0.00364	0.00243	0.00000	0.00607
	Anicut Pickup Bandhara (MI)	0.01538	0.05000	0.00000	0.06538
(iii)	Lift Irrigation/Diversion	0.01154	0.02283	0.00000	0.03437
(iv)	Various Water Bodies including Rain Water Harvesting	0.00000	0.00000	0.00000	0.00000
(v)	Treated Effluent Received from STP	0.00000	0.00000	0.00000	0.00000
(vi)	Untreated Effluent	0.00000	0.00000	0.00000	0.00000
(vii)	Perennial sources of water	0.00000	0.00000	0.00000	0.00000
	Total	0.13980	0.17346	0.00000	0.31326
2	Ground Water (depth in mts)				
(i)	Open Well	8.80	8.80	16.00	
(ii)	Deep Tube Well	150.00	150.00	180.00	
(iii)	Medium Tube Well	65.00	65.00	95.00	
(iv)	Shallow Tube Wells	40.00	40.00	70.00	

Table-38: 3.2 Status of Ground Water Availability (Source: CGWB)

Name of the State: **Karnataka**

Name of the District: **Bidar**

Name of the Block: **ALL**

Status of Block as per Central Ground Water Board Notification			Ground Water (BCM)		
Critical	Semi-Critical	Safe	Draft	Recharge	Gap
NO	-	AURAD	0.02559	0.05723	0.03164
	-	BASVAKALYAN	0.03912	0.06439	0.02527
	BHALKI	-	0.10002	0.10204	0.00202
	-	BIDAR	0.04495	0.06396	0.01901
	-	HUMNABAD	0.01165	0.0257	0.01405
TOTAL			0.22133	0.31332	0.09199

Figure-17: Ground Water status of Bidar District

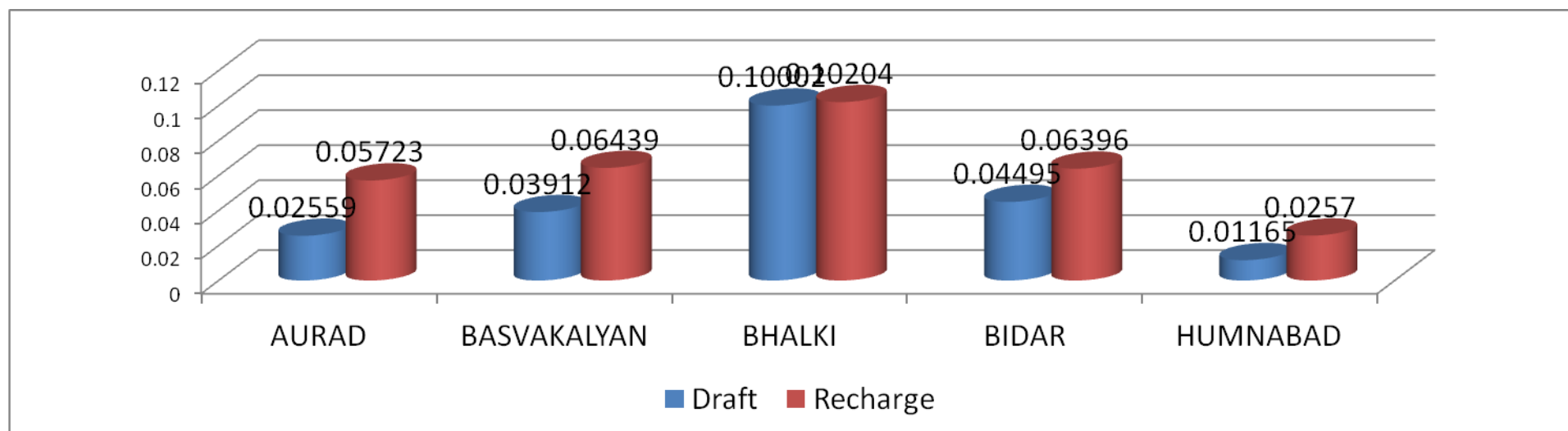


Table-39 : 3.3 Status of Command Area. (Source: CADA, CGWB)

Name of the State. Karnataka

Name of the District. Bidar

Name of the Block Bidar Taluka

Area in HA

Sl.No.	Name of the village.	Information of Canal command			Information on the other Services command.			Total Area	
		Total Area.	Developed Area.	Undeveloped Area.	Total Area.	Developed Area.	Undeveloped Area.	Developed Command	Undeveloped Command
1	2	3	4	5	6	7	8	4+7	5+8
1	Aliamber	-	-	-	-	403.00	-	-	-
2	Almaspur	-	-	-	-	550.00	-	-	-
3	Andura	-	-	-	-	46.00	-	-	-
4	Andurwadi	-	-	-	-	93.00	-	-	-
5	Ashtoor (2 works)	-	-	-	-	260.00	-	-	-
6	Aurad (S)	-	-	-	-	54.00	-	-	-
7	Ayaspur	-	-	-	-	40.00	-	-	-
8	Barur	-	-	-	-	50.00	-	-	-
9	Basntpur	-	-	-	-	100.00	-	-	-
10	Bellura	-	-	-	-	96.00	-	-	-
11	Bowagi	-	-	-	-	132.00	-	-	-
12	Chatnalli	-	-	-	-	343.00	-	-	-

13	Chatnalli wadi	-	-	-	-	139.00	-	-	-
14	Chillargi	-	-	-	-	242.00	-	-	-
15	Chimkod (2 works)	-	-	-	-	432.00	-	-	-
16	Gadgi	-	-	-	-	40.00	-	-	-
17	Gumma	-	-	-	-	40.00	-	-	-
18	Gunalli	-	-	-	-	78.00	-	-	-
19	Hokarana (B)	-	-	-	-	70.00	-	-	-
20	Islampur	-	-	-	-	141.00	-	-	-
21	Jampad	-	-	-	-	162.00	-	-	-
22	Janwada (2 works)	-	-	-	-	872.00	-	-	-
23	Kangankot	-	-	-	-	112.00	-	-	-
24	Kanhalli	-	-	-	-	473.00	-	-	-
25	Khashampur	-	-	-	-	47.00	-	-	-
26	Malegaon	-	-	-	-	51.00	-	-	-
27	Malkapur	-	-	-	-	49.00	-	-	-
28	Manhalli	-	-	-	-	106.00	-	-	-
29	Markhal	-	-	-	-	308.00	-	-	-
30	Markunda	-	-	-	-	55.00	-	-	-
31	Nagoora	-	-	-	-	40.00	-	-	-

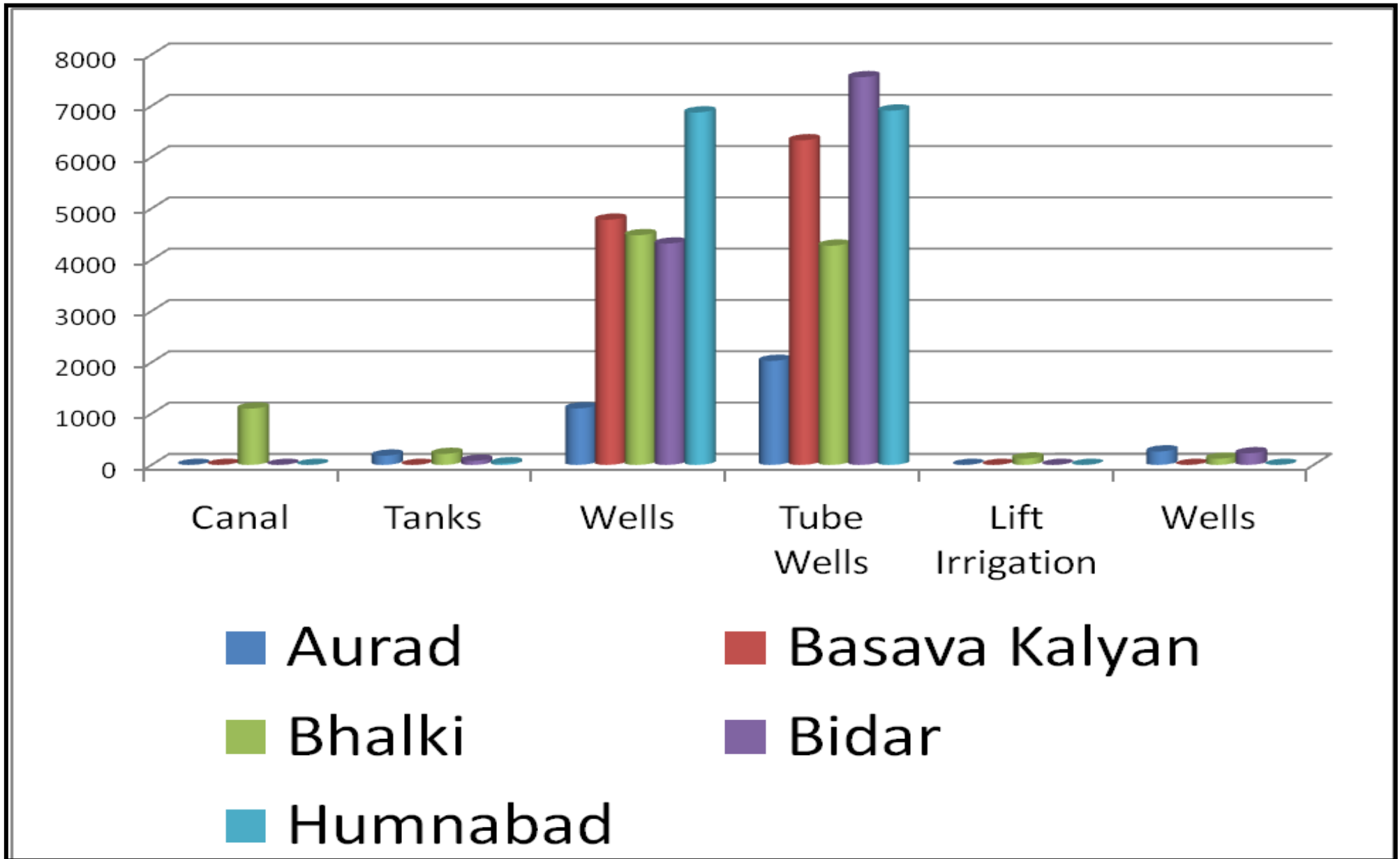
32	Nizampur	-	-	-	-	67.00	-	-	-
33	Rajnal	-	-	-	-	48.00	-	-	-
34	Rekulgi	-	-	-	-	40.00	-	-	-
35	Shahapur	-	-	-	-	41.00	-	-	-
36	Sikandrapur	-	-	-	-	142.00	-	-	-
37	Sindhol (2 Works)	-	-	-	-	114.00	-	-	-
38	Solpur	-	-	-	-	51.00	-	-	-
39	Srimandal	-	-	-	-	291.00	-	-	-
40	Vilaspur	-	-	-	-	152.00	-	-	-
41	Yakatpur	-	-	-	-	40.00	-	-	-
42	Zamistanpur	-	-	-	-	110.00	-	-	-
	Total	-	-	-	-	6720.00	-	-	-

Table No-40: Gross and Net area irrigated under different Sources

Sl. No.		2013-14 Nett Area								
		Canals			Tanks			Wells		
		Lenth in Km.	Gross Irrigated Area	Nett Area Irrigated	Total	Gross Irrigated Area	Nett Area Irrigated	Total	Gross Irrigated Area	Nett Area Irrigated
1	Aurad	-	-	-	50	260	181	950	1410	1103
2	Basava Kalyan	-	-	-	16	-	-	4302	5492	4781
3	Bhalki	170	1404	1098	18	240	215	2090	5290	4479
4	Bidar	-	-	-	34	101	80	1699	4910	4316
5	Humnabad	3	-	-	13	33	31	2656	7655	6873
	Total	173	1404	1098	131	634	507	11697	24757	21552

Sl. No.	Taluk	Nett Area irrigated under different Sources 2013-14									
		Tube Wells			Lift Irrigation			Other sources		Total	
		Nos	Gross Irrigated Area	Nett Area Irrigated	Nos	Gross Irrigated Area	Nett Area Irrigated	Gross Irrigated Area	Nett Area Irrigated	Gross Irrigated Area	Nett Area Irrigated
1	Aurad	3328	2269	2028	-	-	-	281	263	4220	3575
2	Basava Kalyan	6221	7215	6330	-	-	-	-	-	12707	11111
3	Bhalki	5601	5191	4275	-	248	124	243	122	12616	10313
4	Bidar	6758	8976	7560	-	-	-	288	227	14275	12183
5	Humnabad	7219	8451	6908	-	-	-	-	-	16181	13854
	Total	29127	32102	27101	0	248	124	812	612	59999	51036

Figure-18: Gross and Net irrigated area under different Sources



CHAPTER 4 WATER REQUIREMENT, WATER BUDGETING

Related to & water requirement and demand such as domestic demand, crop demand, live stock demand, industrial water demand, water demand for power generation, total water demand of the district for various sectors, water budget which includes water availability and water demand

The percentage of safe, critical and over exploited area in each taluka is given in the below table. It is observed that Aurad taluka is completely under safe category. 60% Bhalki and 30 % Basavakalyan, 60 % of Bidar and 45 % of Humnabad taluka are under safe category. 70 % of Basavakalyan , 35 % of Bhalki, 40 % Bidar and 55% of Humnabad taluka are under over exploited category. Only 5% of Bhalki taluka area comes under the category of semi- critical. The overall stage of ground water development in the district has reached 77.6%. Even though, some parts of the district has reached to the over exploited stage there are of areas of safe category which can be brought under development activity. In the over exploited areas water conservation measures may be taken up so that the situation in the district as a whole can be kept under control.

Table-41: 4.1 Domestic Water Demand

(Source: CWC , Department of Water Resources in District and Status Report)

Blocks	As per Census 2011	Population in 2015	Projected population in 2020	Gross Water Demand(BCM)
Aurad	316563	332391	352335	0.0192903
Baswakalyan	327654	344037	364679	0.0199662
Bhalki	294705	309440	328007	0.0179584
Bidar	301813	316904	335918	0.0183915
Humnabad	298912	313858	332689	0.0182147
TOTAL	1539647	1616629	1713627	0.0938211

Table-42: 4.2 Crop Water Requirement of Aurad Taluka

Block	Crops	Area Sown (ha)	Irrigated area (ha)	Crop water demand (mm)	Water potential required (BCM)	Existing water potential (BCM)	Water potential to be created (BCM)
Aurad	Paddy	117	100	1200	0.001404	0.02012	0.404417
	Jowar	8315	0	350	0.029103		
	Maize	74	0	350	0.000259		
	Redgram	17137	0	450	0.077117		
	Blackgram	5280	0	350	0.018480		
	Greengram	6020	0	400	0.024080		
	Sesamum	221	0	400	0.000884		
	Sunflower	10	0	350	0.000035		
	Soyabean	43890	0	400	0.175560		
	Sugarcane	1873	1873	2500	0.046825		
	Rabi Jowar	3274	0	35	0.001146		
	Wheat	569	569	600	0.003414		
	Bengal gram	10576	0	350	0.037016		
	Safflower	2633	0	350	0.009216		
SUB TOTAL		99989	2542		0.424537	0.02012	0.4044174

Table-43: 4.2 Crop Water Requirement of Basavakalyan Taluka

Block	Crops	Area Sown (ha)	Irrigated area (ha)	Crop water demand (mm)	Water potential required (BCM)	Existing water potential (BCM)	Water potential to be created (BCM)
Baswakalyan	Paddy	512	412	1200	0.006144	0.03271	0.318738
	Jowar	6238	0	350	0.021833		
	Maize	219	0	350	0.000767		
	Redgram	11575	0	450	0.052088		
	Blackgram	1945	0	350	0.006808		
	Greengram	2043	0	400	0.008172		
	Sesamum	876	0	400	0.003504		
	Sunflower	603	0	350	0.002111		
	Soyabean	18895	0	400	0.075580		
	Sugarcane	5942	5942	2500	0.148550		
	Rabi Jowar	3380	0	35	0.001183		
	Wheat	0	0	600	0.000000		
	Bengal gram	6535	0	350	0.022873		
	Safflower	525	0	350	0.001838		
SUB TOTAL		59288	6354		0.351448	0.03271	0.318738

Table-44: 4.2 Crop Water Requirement of Bhalki Taluka

Block	Crops	Area Sown (ha)	Irrigated area (ha)	Crop water demand (mm)	Water potential required (BCM)	Existing water potential (BCM)	Water potential to be created (BCM)
Bhalki	Paddy	200	120	1200	0.002400	0.0883	0.414638
	Jowar	3500	0	350	0.012250		
	Maize	250	0	350	0.000875		
	Redgram	15600	0	450	0.070200		
	Blackgram	6500	0	350	0.022750		
	Greengram	7500	0	400	0.030000		
	Sesamum	120	0	400	0.000480		
	Sunflower	15	0	350	0.000053		
	Soyabean	26400	0	400	0.105600		
	Sugarcane	7200	7200	2500	0.180000		
	Rabi Jowar	3800	0	35	0.001330		
	Wheat	0	0	600	0.000000		
	Bengal gram	18800	0	350	0.065800		
	Safflower	3200	0	350	0.011200		
SUB TOTAL		93085	7320		0.502938	0.0883	0.4146375

Table-45: 4.2 Crop Water Requirement of Bidar Taluka

Block	Crops	Area Sown (ha)	Irrigated area (ha)	Crop water demand (mm)	Water potential required (BCM)	Existing water potential (BCM)	Water potential to be created (BCM)
Bidar	Paddy	970	150	1200	0.011640	0.04212	0.464233
	Jowar	5500	0	350	0.019250		
	Maize	25	0	350	0.000088		
	Redgram	16500	0	450	0.074250		
	Blackgram	7000	0	350	0.024500		
	Greengram	8500	0	400	0.034000		
	Sesamum	150	0	400	0.000600		
	Sunflower	400	0	350	0.001400		
	Soyabean	27000	0	400	0.108000		
	Sugarcane	7364	7364	2500	0.184100		
	Rabi Jowar	5500	0	35	0.001925		
	Wheat	650	650	600	0.003900		
	Bengal gram	11000	0	350	0.038500		
	Safflower	1200	0	350	0.004200		
SUB TOTAL		91759	8164		0.506353	0.04212	0.4642325

Table-46: 4.2 Crop Water Requirement of Humnabad Taluka

Block	Crops	Area Sown (ha)	Irrigated area (ha)	Crop water demand (mm)	Water potential required (BCM)	Existing water potential (BCM)	Water potential to be created (BCM)
Humnabad	Paddy	263	173	1200	0.003156	0.01012	0.303790
	Jowar	4015	0	350	0.014053		
	Maize	185	0	350	0.000648		
	Redgram	13431	0	450	0.060440		
	Blackgram	2655	0	350	0.009293		
	Greengram	3684	0	400	0.014736		
	Sesamum	900	0	400	0.003600		
	Sunflower	0	0	350	0.000000		
	Soyabean	16584	0	400	0.066336		
	Sugarcane	5666	5666	2500	0.141650		
	Rabi Jowar	10	0	35	0.000004		
	Wheat	1826	1826	600	0.010956		
	Bengal gram	6323	0	350	0.022131		
	Safflower	690	0	350	0.002415		
SUB TOTAL		56232	7665		0.313910	0.01012	0.30379
TOTAL		400353	32045		2.0991854	0.19337	1.9058154

Table-47: 4.3. Livestock Water Demand of Bidar District

Block	Total Number of Live stock	Present Water Demand (BCM)	Water demand in 2020 (BCM)	Existing Water Potential (BCM)	Water potential To be created (BCM)
Aurad	162315	0.0029622	0.003703	0.00075196	0.002951
Basavakalyan	138135	0.0025210	0.003151	0.00075196	0.002399
Bhalki	121537	0.0022181	0.002773	0.00075196	0.002021
Bidar	113008	0.0020624	0.002578	0.00075196	0.001826
Humnabad	113427	0.0020700	0.002588	0.00075196	0.001836
Total	648422	0.0041324	0.005166	0.00150392	0.003662

Table-48: 4.4 Industrial Water Demand of Bidar District

Block	Name of the industry	Water demand (BCM/Year)	Water demand in 2020 (BCM)	Existing Water potential (BCM)	Water potential to be created (BCM)
Aurad	Aurad Taluka (SUC)	0.265240	0.350000	0.100000	0.250000
Baswakalyan	Baswakalyan Taluka Industrial Area	0.089030	0.130000	0.050000	0.080000
Bhalki	Bhalki Taluka (SUC)	0.016320	0.024500	0.007000	0.017500
Bidar	Bidar Taluka Industrial Area	0.004162	0.006000	0.002500	0.003500
Humnabad	Humnabad Taluka Industrial Area	0.001500	0.002500	0.001000	0.001500
TOTAL		0.376252	0.513000	0.160500	0.352500

Table-49: 4.5 Water Demand for Power Generation in Bidar District

Block	Power requirement, MW	Water demand (BCM)	Water demand in 2020 (BCM)	Existing Water potential (BCM)	Water potential to be created (BCM)
Aurad	NOT APPLICABLE AS THERE IS NO POWER GENERATION PLANT				
Baswakalyan					
Bhalki					
Bidar					
Humnabad					
TOTAL					

Table-50: 4.6 Total Water Demand of the district for Various sectors

Sl. No.	Block	Components					Total (BCM)
		Domestic	Crop	Livestock	Industrial	Power generation	
1	Aurad	0.019290	0.4044174	0.00182604	0.250000	0.000000	0.6755337
2	Baswakalyan	0.019966	0.3187380	0.00202060	0.080000	0.000000	0.4207248
3	Bhalki	0.017958	0.4146375	0.00239925	0.017500	0.000000	0.4524951
4	Bidar	0.018392	0.4642325	0.00183560	0.003500	0.000000	0.4879596
5	Humnabad	0.018215	0.3037900	0.00295085	0.001500	0.000000	0.3264556
	TOTAL	0.093821	1.9058154	0.01103233	0.352500	0.000000	2.3631688

Table-51: 4.7 Water Budget of Bidar District

Name of Blocks	Existing water availability (BCM)		Total (BCM)	Water Demand (BCM)		Water Gap (BCM)	
	Surface water	Ground water		Present	Projected (2020)	Present	Projected (2020)
Aurad	0.188260	0.05354	0.241800	0.675534	0.844417	0.4337337	0.6026172
Baswakalyan	0.072560	0.05956	0.132120	0.420725	0.525906	0.2886048	0.393786
Bhalki	0.023346	0.09609	0.119436	0.452495	0.565619	0.3330591	0.4461829
Bidar	0.015570	0.06049	0.076060	0.487960	0.609949	0.4118996	0.5338895
Humnabad	0.013520	0.02386	0.037380	0.326456	0.408069	0.2890756	0.3706894
TOTAL	0.313256	0.29354	0.606796	2.363169	2.953961	1.7563728	2.347165

Chapter 5: STRATEGIC DISTRICT ACTION PLAN

Related to Strategic District Action under sub schemes like **Accelerated Irrigation Benefit Program (AIBP)**, with objective, scope, current status of the projects and its output/outcome, such as De Silting and Deepening the existing water bodies, Construction of new water harvesting Structure and Construction of new canal in the command area. **Har Khet Ko Pani**, with the objective of Enhancing the physical access of water on the farm and expand cultivable area under assured irrigation and scope to ensure & access the irrigation facility to every farm land. The main activities covered under this scheme is creation of new water sources through Minor Irrigation (both surface & ground water), Repair, restoration & renovation of water bodies, Diversion of water from source of different location where it is plenty to nearby water scarce areas, lift irrigation from water bodies/ rivers at lower elevation to supplement requirements beyond IWMP and MGNREGS irrespective of irrigation command.

'PER DROP MORE CROP' where the Micro Irrigation is objective of enhancing the crop productivity by improving the water use efficiency through micro irrigation systems. The main objective under this scheme is to increase the production, productivity & quality, conservation & sustainable use of water, higher efficiency in the agriculture sector, improve water use efficiency, higher fertilizer use efficiency & saving in expenses of the labour. The activities covering under this programme are capacity building, training and awareness campaign including low cost publications, use of pico projectors and low cost films for encouraging potential use of water source through technological, agronomic and management practices including community irrigation.

PMKSY Watershed Development, with focus on effective management of runoff water and improved soil & moisture conservation activities such as ridge area treatment, drainage line treatment, rain water harvesting, newly created water harvesting structure such as Farm ponds, check dams, nala bunds, Percolation tanks, other ground water recharge structure, fishery ponds/cattle ponds and water harvesting structures. In terms of convergence with MGNREGA, newly created water conversion, water harvesting, creation of irrigation canals & drains, providing infrastructure for irrigation, land development, renovation of water bodies including desilting, renovation & maintenance of irrigation canals & drains. The main activities to be taken up are Institution & Capacity Building, Natural Resource Management, Livelihood activities, Productive Enhancement.

Table-52: COST OF DIP which works about to Rs 376684.20 Lakhs

Sl. No.	Concerned Ministry/Department	Component	Command Area Development/ Irrigation potential creation/ Improvement (in Ha)	Estimated Cost (in Lakhs)
1	MoWR	AIBP	95133	178855.00
2		Har khet ko Pani	10055	42154.71
	Total Command Area Development		105188	221009.71
3	MOA & FW-DAC&FW	Per drop more crop (Micro irrigation)	132000	50092.20
4		Per drop more crop Supplementary water management		3834.29
5	DoLR – MoRD	PMKSY Watershed and Renovation	94700.00	94068.00
6		Convergence with MGNREGA	2485.00	7680.00
	Total Command Area Improvement		229185.00	155674.49
	Grand TOTAL			376684.20

Figure-19: Strategic Action plan of Bidar District under PMKSY

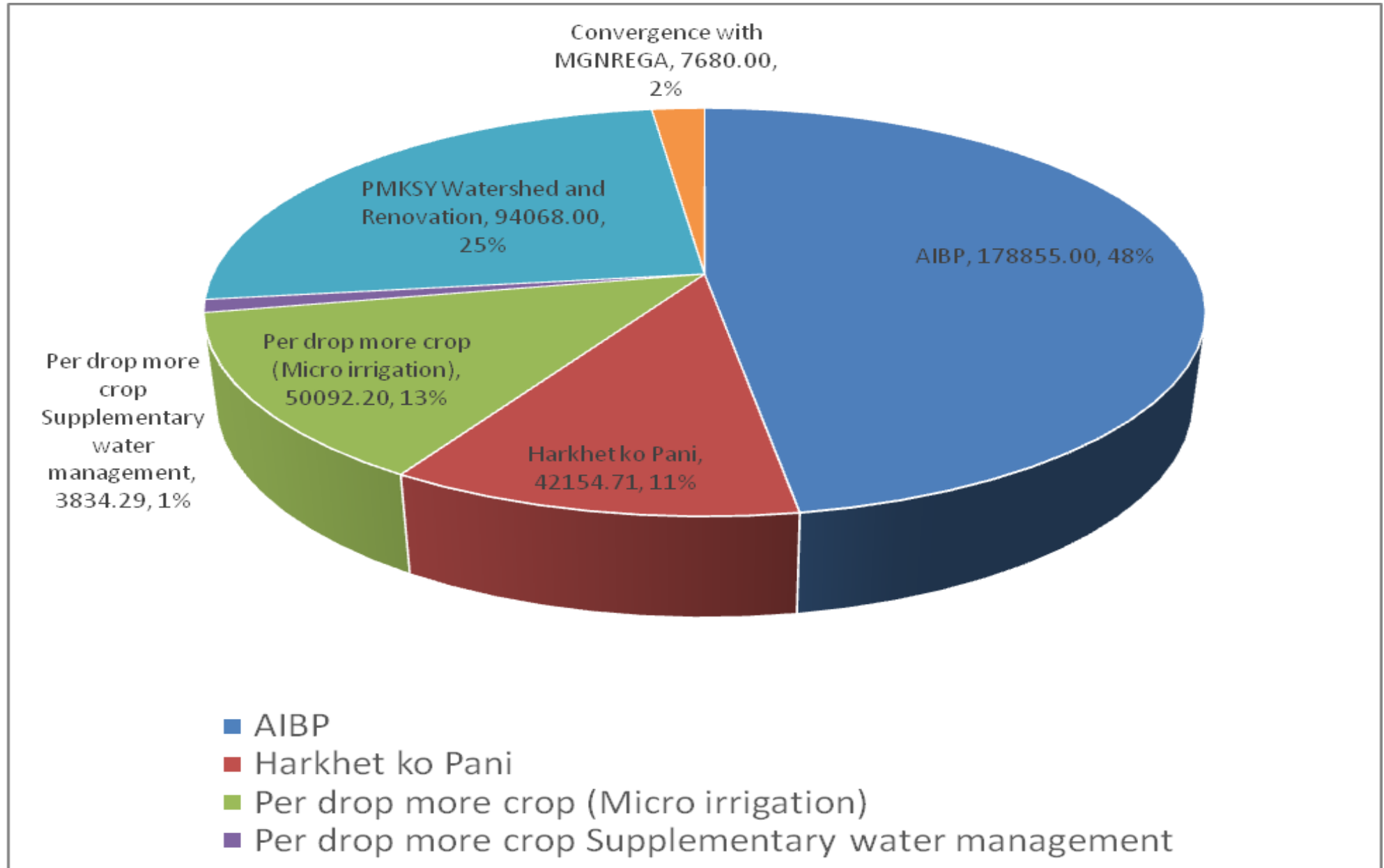


Table-53: 5. Strategic Action plan for Irrigation in District under PMKSY

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 Lakhs Rs.)	
				MAJOR IRRIGATION					
1	Bidar, Humnabad, Bhalki	MoWR	AIBP	Karanja project Completion of Balance work of KP	0.218	25611	1year	2800.00	
2	Humnabad			Atiwal Lift Irrigation	0.026	3616	1year	4500.00	
3	Bhalki		KNNL	Rehabilitation & improvement works to Karanja Dam Karanja Project under world Bank Aided DRIP Programme (Package-I civil works and Package II Hydro Mechanical works)	-	0	1year	450.00	
4	Bidar , Bhalki		KNNL/WORD BANK	Extension Renovation and Modernization of right bank canal from 0.00 to 60.00 Km and left bank Canal from 0.00 to 31.00 Km and Karanja lift Irrigation Canal from 0.00 to 21.00 Km including distry of Karanja Project.	0.073	9870	2year	20000.00	
					Medium Irrigation				0.00
5	Basavakalya		AIBP	Chulkinala project:- Moderzanation of canal and distry works including structure	0.025	4047	2year	5500.00	
6	Gulbarga, Humnabad, Basavaklyan			U.M.P Moderzanation of canal and distry works including structure	0.019	3279	2year	7500.00	
					Tank Filling				0.00
7	Basavakalya	PMKSY/KNNL	Tank filling of Chulkinala Reservoir from Kangali Bridge cum Barrage	0.0085	0	2year	12500.00		
8	Bhalki		Tank Filling of Karanja Reservoir from Chandapur bridge cum barriage	0.0085	0	2year	18000.00		

9	Bhalki			Lifting of Water from Jirgihal Bridge cum Barrage to KM-60 of RBC of Karanja Project.	0.0085	0	3year	1300.00
10	Bhalki			Lifting of Water from Jirgihal Bridge cum Barrage to KM-60 of RBC of Karanja Project.	0.0085	0	3year	1200.00
				NEW PROJECT				0.00
9	Bhalki, Bidar	MoWR	KNNL/WORD BANK	Extension Renovation and Modernization of right bank canal from 0.61 to 131.00 Km and Karanja lift Irrigation Canal from 22.00 to 24.00 Km including distry of Karanja Project.	0.145	19582	3year	15000.00
10	Bidar		PMKSY/KNNL	Construction of Road connecting to Rekulgi to Aurad (S) including bridge across karanja River in Karanja reservoir submergence area in Bidar Taluka	0	0	3year	3000.00
11	Bidar		PMKSY/KNNL	Construction of Barrage across Karanja River to old Bridge on Raichur-Wanmarpalli road near Bagdal village of Bidar Taluka	0	0	3year	50.00
12	Bidar		PMKSY/KNNL	Improvement to internal roads in Rehbilitation centre of village Ranjol (K) Kamalpur, Hajjargi, sindbandagi,nelwad, Atiwal, Dakulgi and Sangolgi in Bidar Taluka	0	0	3year	150.00
13	Bidar			Improvement to Water supply facility in Rehbilitation centre of village Ranjol (K) Kamalpur, Hajjargi, sindbandagi,nelwad, Atiwal, Dakulgi and Sangolgi in Bidar Taluka	0	0	3year	150.00
14	Bidar, Bhalki		PMKSY/KNNL	Providing Micro irrigation facilities to KLI Main Canal & D1 (A) of Karanja Lift Irrigation scheme under Karanja Project.	0	3800	3year	15000.00
15	Bhalki		PMKSY/KNNL	Providing Micro irrigation facilities to Left Bank Canal of Karanja Project.	0	2521	3year	15000.00
16	Bhalki, Bidar		PMKSY/KNNL	Providing Micro Irrigation facilities to Distry-107 of RBC of KP from chandapur Bridge cum Barrage.	0	1000	3year	10000.00

17	Humnabad		PMKSY/KNNL	Providing Micro Irrigation facilities to South Canal of ALI Scheme of Karanja Project.	0	1525	3year	8000.00
18	Humnabad, Bhalki		PMKSY/KNNL	Providing Micro Irrigation facilities to North Canal of ALI Scheme of Karanja Project.	0	2105	3year	10000.00
				MINOR IRRIGATION				
				Technical Appraisal Committee (TAC) Cleared works (Details enclosed Seperately)				
19	Aurad	MoWR	AIBP	Construction of Barrage Near Village Thana Kushnoor in Aurad Tq.Site IV	0	80	5year	160.00
20	Aurad	MoWR	AIBP	Construction of Barrage Near Village Manur (Site-II) in Aurad Tq.	0	130	5year	190.00
21	Aurad	MoWR	AIBP	Construction of Barrage Near Village Sunknal (Site-I) in Aurad Tq.	0	80	5year	150.00
22	Aurad	MoWR	AIBP	Construction of BCB Near Village Tapashyal in Aurad Tq.	0	120	5year	195.00
23	Aurad	MoWR	AIBP	Construction of BCB Near Village Dapka in Aurad Tq.	0	75	5year	165.00
24	Aurad	MoWR	AIBP	Construction of Barrage Near Village Ramsing naik thanda in Aurad Tq.	0	72	5year	130.00
25	Aurad	MoWR	AIBP	Construction of Barrage Near Village Bavan Mathi thanda in Aurad Tq.	0	70	5year	139.00
26	Aurad	MoWR	AIBP	Construction of Barrage Near Village Koriyal in Aurad Tq.	0	120	5year	198.00
27	Aurad	MoWR	AIBP	Construction of Barrage Near Village Nagur (B) in Aurad Tq.	0	60	5year	160.00
28	Aurad	MoWR	AIBP	Construction of Barrage Near Village Kotgyal in Aurad Tq.	0	100	5year	136.00
29	Aurad	MoWR	AIBP	Construction of B.C.B. Near Village Eklar in Aurad Tq.	0	80	5year	156.00
30	Aurad	MoWR	AIBP	Construction of Barrage Near Village Boral in Aurad Tq.	0	80	5year	116.00

31	Aurad	MoWR	AIBP	Construction of Barrage Near Village Mudhole (B) in Aurad Tq.	0	68	5year	124.00
32	Aurad	MoWR	AIBP	Construction of Barrage Near Village Mudhole (K) in Aurad Tq.	0	52	5year	80.00
33	Aurad	MoWR	AIBP	Construction of Barrage Near Village Yanagunda in Aurad Tq.	0	100	5year	180.00
34	Aurad	MoWR	AIBP	Construction of Barrage Near Town Aurad in Aurad Tq.	0	90	5year	160.00
35	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Lingi (site-III) in Aurad Tq.	0	52	5year	75.00
36	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Bhandarkunta in Aurad Tq.	0	63	5year	128.50
37	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Dudkanal in Aurad Tq.	0	53	5year	100.00
38	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Eklar in Aurad Tq.	0	52	5year	89.00
39	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Tuljapur in Aurad Tq.	0	70	5year	144.00
40	Aurad	MoWR	AIBP	Construction of Barrage Near Village Kashempur Site-2 in Aurad Tq.	0	70	5year	110.00
41	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Duduknal Site-2 in Aurad Tq.	0	60	5year	70.00
42	Aurad	MoWR	AIBP	Construction of MI tank Near village Soralli in Aurad Tq.	0	275	5year	800.00
43	Humnabad	MoWR	AIBP	Construction of Barrage Near Village Hipparga in Humnabad Tq.	0	90	5year	150.00
44	Humnabad	MoWR	AIBP	Construction of Bandhara near Dubalgundi	0	70	5year	95.00
45	Humnabad	MoWR	AIBP	Construction of "Barrage near Dubalgundi	0	90	5year	150.00
46	Humnabad	MoWR	AIBP	Construction of "B.C.B. near Kumarchincholi village	0	85	5year	150.00

47	Basavakalyan	MoWR	AIBP	Construction of M.I. Tank Near Village Gadalegaon in Basavakalyan Tq.	0	105	5year	195.00
48	Basavakalyan	MoWR	AIBP	Construction of BCB across Chulki nala Near Village Muchalamb in Basavakalyan Tq Dist Bidar	0	110	5year	190.00
49	Basavakalyan	MoWR	AIBP	Construction of Barrage Near Village Bhosga (site II) in Basavakalyan Tq Dist Bidar	0	90	5year	170.00
50	Basavakalyan	MoWR	AIBP	Construction of BCB Near Village Bhosga in Basavakalyan Tq Dist Bidar	0	130	5year	190.00
51	Basavakalyan	MoWR	AIBP	Construction of Barrage Near Village Mirzapur in Basavakalyan Tq Dist Bidar	0	80	5year	110.00
52	Basavakalyan	MoWR	AIBP	Construction of Barrage Near Village Sarjawalga (site II) in Basavakalyan Tq Dist Bidar	0	85	5year	150.00
53	Basavakalyan	MoWR	AIBP	Construction of Bandhar Near Village Gundur Thanda in Basavakalyan Tq Dist Bidar	0	148	5year	310.00
54	Basavakalyan	MoWR	AIBP	Construction of Storage Tank Near Banjara Thanda in Basavakalyan Tq Dist Bidar	0	50	5year	55.00
55	Basavakalyan	MoWR	AIBP	Construction of Storage Tank Near Jajanmugali in Basavakalyan Tq Dist Bidar	0	50	5year	60.00
56	Basavakalyan	MoWR	AIBP	Construction of MI tank Near Village Gadlegaon in Basavakalyan Tq Dist Bidar	0	105	5year	195.00
57	Basavakalyan	MoWR	AIBP	Construction of MI tank Near village Yalandgundi in Basavkalyan Tq.	0	100	5year	300.00
58	Basavakalyan	MoWR	AIBP	Constn.of Storage Tank near village Ghotala in Basavakalyan Taluka.	0	105	5year	300.00
59	Basavakalyan	MoWR	AIBP	Constn.of P.T. near village Dhannura (K) in Basavakalyan Tq. Bidar Dist.	0	72	5year	200.00
60	Basavakalyan	MoWR	AIBP	Constn.of Barrage near village Dasarwadi in Basavakalyan Tq.	0	90	5year	190.00
61	Basavakalyan	MoWR	AIBP	Construction of MI Tank near village Mirkhal (Wanjarwadi Site)	0	106	5year	250.00

62	Basavakalyan	MoWR	AIBP	Construction of MI Tank near village Kitta	0	76	5year	250.00
63	Basavakalyan	MoWR	AIBP	Construction of MI Tank near village Waddarga	0	55	5year	250.00
64	Bhalki	MoWR	AIBP	Constn.of P.T. near Donagapur village in Bhalki Tq. Bidar Dist.	0	114	5year	300.00
65	Bhalki	MoWR	AIBP	Constn.of P.T. near village Jamkhandi in Bhalki Tq. Bidar Dist.	0	60	5year	200.00
66	Bhalki	MoWR	AIBP	Construction of New Lift Irrigation Scheme near Mathi Melkunda Wadi	0	200	5year	493.00
67	Bhalki	MoWR	AIBP	Construction of Bandhara near village Bardpur in Bhalki Tq Dist Bidar	0	50	5year	65.00
68	Bhalki	MoWR	AIBP	Construction of Bandhara near village Jamkhandi n Bhalki Tq Dist Bidar	0	60	5year	85.00
69	Bhalki	MoWR	AIBP	Construction of Barrage (site I) across Siddeshwar nala Near Village Chikalchanda n Bhalki Tq Dist Bidar	0	90	5year	194.00
70	Bhalki	MoWR	AIBP	Construction of Bandhar (site II) Local nala Near Village Chikalchanda in Bhalki Tq Dist Bidar	0	50	5year	90.00
71	Bhalki	MoWR	AIBP	Construction of Bandhar Local nala Near Village Telgaon in Bhalki Tq Dist Bidar	0	65	5year	95.00
72	Bhalki	MoWR	AIBP	Construction of Bandhar across Ballur Halla Near Village Balur Thanda in Bhalki Tq Dist Bidar	0	60	5year	90.00
73	Bhalki	MoWR	AIBP	Construction of Bandhar Near Village Balur n Bhalki Tq Dist Bidar in Bhalki Tq Dist Bidar	0	60	5year	90.00
74	Bhalki	MoWR	AIBP	Construction of Bandhar Near Village Srimali n Bhalki Tq Dist Bidar in Bhalki Tq Dist Bidar	0	55	5year	73.00
75	Bhalki	MoWR	AIBP	Construction of Bandhar Near Village Dongargi in Bhalki Tq Dist Bidar	0	120	5year	150.00
76	Bhalki	MoWR	AIBP	Construction of BCB Near Village Nalwada in Bhalki Tq Dist Bidar	0	120	5year	195.00

77	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Talwada (M) in Bhalki Tq Dist Bidar	0	50	5year	75.00
78	Bhalki	MoWR	AIBP	Construction of Bandhara (site I) Near Village Beeri (K) in Bhalki Tq Dist Bidar	0	54	5year	61.00
79	Bhalki	MoWR	AIBP	Construction of Bandhara (site II) Near Village Beeri (K) in Bhalki Tq Dist Bidar	0	50	5year	64.00
80	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Beeri (B) in Bhalki Tq Dist Bidar	0	80	5year	130.00
81	Bhalki	MoWR	AIBP	Construction of Bandhara Near VillageHalsitugaon in Bhalki Tq Dist Bidar	0	70	5year	90.00
82	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Methi- Melkunda in Bhalki Tq Dist Bidar	0	53	5year	65.00
83	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Gor Chincholi site II in Bhalki Tq Dist Bidar	0	55	5year	117.00
84	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Ladha in Bhalki Tq Dist Bidar	0	53	5year	50.00
85	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Lakhangaon in Bhalki Tq Dist Bidar	0	60	5year	85.00
86	Bhalki	MoWR	AIBP	Construction of BCB Near Village Shivani in Bhalki Tq Dist Bidar	0	150	5year	450.00
87	Bhalki	MoWR	AIBP	Construction of BCB Across Karanja River on Dadgi - Ramtheerth wadi roa Near Village Dadgi in Bhalki Tq Dist Bidar	0	128	5year	250.00
88	Bhalki	MoWR	AIBP	Construction of BCB Across Karanja River Near Village Kurubkhelgi in Bhalki Tq Dist Bidar	0	130	5year	234.00
89	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Halsitugaon Site (III) in Bhalki Tq Dist Bidar	0	70	5year	90.00
90	Bhalki	MoWR	AIBP	Construction of Impounding Reservoir near village Talawada (M)	0	60	5year	250.00
91	Bhalki	MoWR	AIBP	Construction of Storage Tank near Wanjarkhed Tanda	0	70	5year	122.00

92		MoWR		New Works	0			
93	Aurad	MoWR	AIBP	Construction of Barrage Near Village Dapka (Site-II) in Aurad Tq.	0	81	5year	160.00
94	Aurad	MoWR	AIBP	Construction of B.C.B. Near Village Chandori in Aurad Tq.	0	121	5year	200.00
95	Aurad	MoWR	AIBP	Construction of Barrage Near Village Wallepur in Aurad Tq.	0	65	5year	150.00
96	Aurad	MoWR	AIBP	Construction of Barrage Near Village Bedkunda in Aurad Tq.	0	98	5year	150.00
97	Aurad	MoWR	AIBP	Construction of Barrage Near Village Manura (K) in Aurad Tq.	0	80	5year	160.00
98	Aurad	MoWR	AIBP	Construction of Barrage Near Village Kashempur Site-1 in Aurad Tq.	0	85	5year	150.00
99	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Ekamba (Site-II) in Aurad Tq.	0	50	5year	80.00
100	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Maskal in Aurad Tq.	0	50	5year	80.00
101	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Kollur in Aurad Tq.	0	50	5year	80.00
102	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Baradapur in Aurad Tq.	0	50	5year	80.00
103	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Allapur in Aurad Tq.	0	50	5year	80.00
104	Aurad	MoWR	AIBP	Construction of BCB Near Village Manur (K) in Aurad Tq.	0	125	5year	196.00
105	Aurad	MoWR	AIBP	Construction of Barrage Near Village Holesamudra Site-2 in Aurad Tq.	0	70	5year	190.00
106	Aurad	MoWR	AIBP	Construction of Barrage Near Village Hokrana in Aurad Tq.	0	80	5year	190.00

107	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Bhandarkunta Site-2 in Aurad Tq.	0	63	5year	128.50
108	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Bhandarkunta Site-3 in Aurad Tq.	0	60	5year	80.00
109	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Ganeshpur(A) in Aurad Tq.	0	50	5year	80.00
110	Aurad	MoWR	AIBP	Construction of "Barrage near Babli village in Aurad Taluka	0	90	5year	160.00
111	Aurad	MoWR	AIBP	Construction of "B.C.B. in Aurad Town Site-II.	0	80	5year	200.00
112	Aurad	MoWR	AIBP	Construction of "B.C.B. in Aurad Town Site-III	0	90	5year	200.00
113	Aurad	MoWR	AIBP	Construction of Percolation Tank near village Ekalara	0	90	5year	300.00
114	Aurad	MoWR	AIBP	Construction of BCB Near Village Sundal in Aurad Tq Dist Bidar	0	90	5year	200.00
115	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Kollur Site-2 in Aurad Tq Dist Bidar	0	52	5year	80.00
116	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Kollur Site-3 in Aurad Tq Dist Bidar	0	52	5year	80.00
117	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Bardapur Site-2 in Aurad Tq Dist Bidar	0	52	5year	80.00
118	Aurad	MoWR	AIBP	Construction of Barrage Near Village Bardapur in Aurad Tq Dist Bidar	0	90	5year	200.00
119	Aurad	MoWR	AIBP	Construction of Barrage Near Village Itagyal in Aurad Tq Dist Bidar	0	90	5year	200.00
120	Aurad	MoWR	AIBP	Construction of Bandhara Near Village Badalgaon in Aurad Tq Dist Bidar	0	60	5year	80.00
121	Aurad	MoWR	AIBP	Construction of Bandhara Near village Chondimukhed in Aurad Tq.	0	100	5year	90.00

122	Aurad	MoWR	AIBP	Construction of Bandhara Near village Nandi Bijalgaon in Aurad Tq.	0	120	5year	100.00
123	Aurad	MoWR	AIBP	Construction of Bandhara Near village Ganeshpur (U) in Aurad Tq.	0	80	5year	90.00
124	Humnabad	MoWR	AIBP	Construction of Barrage Near Village Changlair in Humnabad Tq.	0	79	5year	150.00
125	Humnabad	MoWR	AIBP	Construction of Bandhara Across Yellamma Halla Near Village Ben Chincholi (Site-I) in Humnabad Tq.	0	50	5year	190.00
126	Humnabad	MoWR	AIBP	Construction of Bandhara Near Village Madargaon in Humnabad Tq.	0	55	5year	80.00
127	Humnabad	MoWR	AIBP	Construction of Bandhara Near Village Handikera in Humnabad Tq.	0	56	5year	80.00
128	Humnabad	MoWR	AIBP	Construction of Bandhara Near Village Ghat Boral in Humnabad Tq.	0	61	5year	80.00
129	Humnabad	MoWR	AIBP	Construction of Bandhara Near Village Sultanbad in Humnabad Tq.	0	72	5year	80.00
130	Humnabad	MoWR	AIBP	Construction of Barrage Near Village Hudgi (Site-III) Sy.No. 330 in Humnabad Tq.	0	79	5year	150.00
131	Humnabad	MoWR	AIBP	Construction of Barrage Near Village Kumar Chincholi in Humnabad Tq.	0	79	5year	190.00
132	Humnabad	MoWR	AIBP	Construction of B.C.B. Near Village Jam Nagar in Humnabad Tq.	0	79	5year	190.00
133	Humnabad	MoWR	AIBP	Construction of B.C.B. Near Village Ghat Boral in Humnabad Tq.	0	90	5year	190.00
134	Humnabad	MoWR	AIBP	Construction of B.C.B. Near Village Kankatta in Humnabad Tq.	0	142	5year	190.00
135	Humnabad	MoWR	AIBP	Construction of Barrage near Kumarchincholi village site-2	0	80	5year	135.00
136	Humnabad	MoWR	AIBP	Construction of Barrage Near village Bhadrapur in Humanabad Tq.	0	90	5year	100.00

137	Humnabad	MoWR	AIBP	Construction of BCB Near village Kodambal in Humanabad Tq.	0	110	5year	150.00
138	Humnabad	MoWR	AIBP	Construction of BCB Near village Hunsgera in Bhalki Tq.	0	95	5year	200.00
139	Basavakalyan	MoWR	AIBP	Construction of BCB Near Village Kohinoorwadi in Basavakalyan Tq Dist Bidar	0	90	5year	250.00
140	Basavakalyan	MoWR	AIBP	Construction of Bandhar Near Village Hulsoor in Basavakalyan Tq Dist Bidar	0	50	5year	120.00
141	Basavakalyan	MoWR	AIBP	Construction of Bandhar Site (II) Near Village Hamunagar in Basavakalyan Tq Dist Bidar	0	55	5year	250.00
142	Basavakalyan	MoWR	AIBP	Construction of MI Tank Near Village Ekluru in Basavakalyan Tq.	0	250	5year	300.00
143	Basavakalyan	MoWR	AIBP	Construction of MI Tank Near Village Chikanagaon Site-II in Basavakalyan Tq.	0	250	5year	300.00
144	Basavakalyan	MoWR	AIBP	Construction of Storage tank Near Village Mudbi in Basavakalyan Tq Dist Bidar	0	60	5year	300.00
145	Basavakalyan	MoWR	AIBP	Repairs & Restoration of Breached M I Tank near village Sirgapur in Basavakalyan Tq Dist Bidar	0	100	5year	180.00
146	Basavakalyan	MoWR	AIBP	Repairs & Restoration of Breached Percolation Tank near village Betegerawadi in Basavakalyan Tq Dist Bidar	0	60	5year	200.00
147	Basavakalyan	MoWR	AIBP	Construction of Bandhara Near village Atlapur in Basavkalyan Tq.	0	70	5year	100.00
148	Basavakalyan	MoWR	AIBP	Construction of Percolation Tank Near village Bagduri in Basavkalyan Tq.	0	50	5year	200.00
149	Basavakalyan	MoWR	AIBP	Construction of Percolation Tank Near village Harkud in Basavkalyan Tq.	0	40	5year	200.00
150	Bhalki	MoWR	AIBP	Construction of Bandhara Near Village Saigaon in Bhalki Tq Dist Bidar	0	75	5year	95.00
151	Bhalki	MoWR	AIBP	Construction of Barrage cum Bridge between Kanji and Tugaon (K) village across Karanja River in Bhalki Tq Dist Bidar	0	65	5year	250.00

166	Bhalki	MoWR	AIBP/KBJNL	River Training Works for Bridge cum Barrage across manjra river at Jirigyal Village	1	990	5 Yrs	1335.00
167	Bhalki	MoWR	AIBP/KBJNL	River Training Works for Bridge cum Barrage across manjra river at Manikeshwar Village	1	990	5 Yrs	1115.00
168	Aurad	MoWR	AIBP/KBJNL	River Training Works for Bridge cum Barrage across manjra river at Halhalli Village	1	3366	5 Yrs	1800.00
169	Bhalki	MoWR	AIBP/KBJNL	River Training Works for Bridge cum Barrage across manjra river at Chandapur Village	1	990	5 Yrs	1042.00
				Sub Total	5	95133		178855.00
170	Bhalki	MoWR	Har Khet ko paani	Hupla MI Tank restoration	1	100	5 Yrs	65.00
171	Aurad	MoWR		Tegampur MI Tank restoration	1	3519	5 Yrs	170.00
172	Aurad	MoWR		Ganeshpur (U) MI Tank restoration	1		5 Yrs	150.00
173	Aurad	MoWR		Dapka MI Tank restoration	1		5 Yrs	50.00
174	Aurad	MoWR		Chintaki MI Tank restoration	1		5 Yrs	50.00
175	Aurad	MoWR		Kollur MI Tank restoration	1		5 Yrs	48.00
176	Aurad	MoWR		Mudhol (B) MI Tank restoration	1		5 Yrs	100.00
177	Aurad	MoWR		Huliyal MI Tank restoration	1		5 Yrs	100.00
178	Aurad	MoWR		Hakkyal MI Tank restoration	1		5 Yrs	65.00
179	Aurad	MoWR		Randyal MI Tank restoration	1		5 Yrs	65.00
180	Aurad	MoWR		Medapalli MI Tank restoration	1		5 Yrs	100.00
181	Aurad	MoWR		Chikali (J) MI Tank restoration	1		5 Yrs	75.00
182	Basvakalyan	MoWR		Sirgapur MI Tank restoration	1		100	5 Yrs
183		CAD W&M Works		Survey Planning and Design, OFD, Field Intermediate and linked Drains, Surface and Sub surface Draingae	0	0	5 Yrs	2148.71
				MicroIrrigation	0	0		0.00
184	Bhalki	MoWR/KBJNL	Har Khet ko paani	Micro Irrigation for Bridge cum Barrage across Manjra river at Jirigyal Village	1	990	5 yrs	6000.00
185	Bhalki	MoWR/KBJNL		Micro Irrigation for Bridge cum Barrage across Manjra river at Manikeshwar Village	1	990	5 yrs	6000.00

186	Aurad	MoWR/KBJNL		Micro Irrigation for Bridge cum Barrage across Manjra river at Halhalli Village	1	3366	5 yrs	20400.00
187	Bhalki	MoWR/KBJNL		Micro Irrigation for Bridge cum Barrage across Manjra river at Chandapur Village	1	990	5 yrs	6500.00
				Sub Total	17	10055	0	42154.71
				AGRICULTURE / WATERSHED				
188	Aurad	MOA &FW-DAC&FW	Per drop more crop (Micro Irrigation)	DPAP Drip	8000	8000	5 Yrs	7200.00
189	Basvakalyan			DPAP Drip	8000	8000	5 Yrs	7200.00
190	Bhalki			DPAP Drip	8000	8000	5 Yrs	7200.00
191	Humnabad			DPAP Drip	8000	8000	5 Yrs	7200.00
192	Aurad			DPAP Sprinkler	20000	20000	5 Yrs	3535.20
193	Basvakalyan			DPAP Sprinkler	20000	20000	5 Yrs	3535.20
194	Bhalki			DPAP Sprinkler	20000	20000	5 Yrs	3535.20
195	Humnabad			DPAP Sprinkler	20000	20000	5 Yrs	3535.20
196	Bidar	MOA &FW-DAC&FW		Non DPAP Drip	5000	5000	5 Yrs	4500.00
197	Bidar	MOA &FW-DAC&FW		Non DPAP Sprinkler	15000	15000	5 Yrs	2651.40
				Sub Total	132000	132000		50092.20
198		MOA &FW-DAC&FW	Per drop more crop (Supplementary water management activities)	Topping up of MGNREGA				
199		MOA &FW-DAC&FW		Drought Proofing through check Dams/Water Harvesting Structures				
200		CAD W&M Works		Secondary Storage Structures (Watershed Development Activities)				1934.79
201		CAD W&M Works		Micro Irrigation, trainings,Ground Water Monitoring etc				1899.50
				Sub Total	0	0		3834.29

				Newly Created				
202	Aurad	DoLR-MoRD	PMKSY Watershed	Farm Ponds	10000	10000	5 Yrs	7000.00
203				Check Dams	1000	2000	5 Yrs	4900.00
204				Nallah Bunds	100	500	5 Yrs	490.00
205				Percolation Tanks	500	2500	5 Yrs	1750.00
206				Other Ground Water Recharge	1500	1500	5 Yrs	1125.00
207				fishery ponds/cattle pond	100	0	5 Yrs	490.00
				Sub Total	13200	16500		15755.00
208	Basvakalyan		PMKSY Watershed	Farm Ponds	10000	10000	5 Yrs	7000.00
209				Check Dams	1000	2000	5 Yrs	4900.00
210				Nallah Bunds	100	500	5 Yrs	490.00
211				Percolation Tanks	450	2250	5 Yrs	1575.00
212				Other Ground Water Recharge	1500	1500	5 Yrs	1125.00
213				fishery ponds/cattle pond	110	0	5 Yrs	539.00
				Sub Total	13160	16250		15629.00
214	Bhalki	DoLR-MoRD	PMKSY Watershed	Farm Ponds	10000	10000	5 Yrs	7000.00
215				Check Dams	1000	2000	5 Yrs	4900.00
216				Nallah Bunds	100	500	5 Yrs	490.00
217				Percolation Tanks	450	2250	5 Yrs	1575.00
218				Other Ground Water Recharge	1500	1500	5 Yrs	1125.00
219				fishery ponds/cattle pond	90	0	5 Yrs	441.00
				Sub Total	13140	16250		15531.00
220	Bidar	DoLR-MoRD	PMKSY Watershed	Farm Ponds	10000	10000	5 Yrs	7000.00
221				Check Dams	1000	2000	5 Yrs	4900.00
222				Nallah Bunds	125	625	5 Yrs	612.50
223				Percolation Tanks	500	2500	5 Yrs	1750.00
224				Other Ground Water Recharge	1500	1500	5 Yrs	1125.00
225				fishery ponds/cattle pond	120	0	5 Yrs	588.00
				Sub Total	13245	16625		15975.50
226	Humnabad	DoLR-MoRD	PMKSY Watershed	Farm Ponds	10000	10000	5 Yrs	7000.00
227				Check Dams	1000	2000	5 Yrs	4900.00

228				Nallah Bunds	110	550	5 Yrs	539.00
229				Percolation Tanks	450	2250	5 Yrs	1575.00
230				Other Ground Water Recharge	1200	1500	5 Yrs	900.00
231				fishery ponds/cattle pond	115	0	5 Yrs	563.50
232				Sub Total	12875	16300		15477.50
				TOTAL	65620	81925		78368.00
				Renovation				
233				Farm Ponds	0	0	5 Yrs	0.00
234				Check Dams	300	600	5 Yrs	600.00
235				Nallah Bunds	35	175	5 Yrs	70.00
236				Percolation Tanks	0	0	5 Yrs	0.00
237				Other Ground Water Recharge	200	1500	5 Yrs	600.00
238				fishery ponds/cattle pond	0	0	5 Yrs	0.00
				Sub Total	535	2275		1270.00
239				Farm Ponds	0	0	5 Yrs	0.00
240				Check Dams	250	500	5 Yrs	500.00
241				Nallah Bunds	25	125	5 Yrs	50.00
242				Percolation Tanks	150	750	5 Yrs	450.00
243				Other Ground Water Recharge	1000	1500	5 Yrs	3000.00
244				fishery ponds/cattle pond	0	0	5 Yrs	0.00
				Sub Total	1425	2875		4000.00
245				Farm Ponds	0	0	5 Yrs	0.00
246				Check Dams	200	400	5 Yrs	400.00
247				Nallah Bunds	30	150	5 Yrs	60.00
248				Percolation Tanks	125	625	5 Yrs	375.00
249				Other Ground Water Recharge	1000	1500	5 Yrs	3000.00
250				fishery ponds/cattle pond	0	0	5 Yrs	0.00
				Sub Total	1355	2675		3835.00
251				Farm Ponds	0	0	5 Yrs	0.00
252				Check Dams	175	350	5 Yrs	350.00
253				Nallah Bunds	45	225	5 Yrs	90.00

254				Percolation Tanks	75	375	5 Yrs	225.00
255				Other Ground Water Recharge	1000	1500	5 Yrs	3000.00
256				fishery ponds/cattle pond	0	0	5 Yrs	0.00
				Sub Total	1295	2450		3665.00
257	Humnabad	DoLR-MoRD	PMKSY Watershed	Farm Ponds	0	0	5 Yrs	0.00
258				Check Dams	150	300	5 Yrs	300.00
259				Nallah Bunds	40	200	5 Yrs	80.00
260				Percolation Tanks	100	500	5 Yrs	300.00
261				Other Ground Water Recharge	750	1500	5 Yrs	2250.00
262				fishery ponds/cattle pond	0	0	5 Yrs	0.00
							Sub Total	1040
				TOTAL	5650	12775		15700.00
				MGNREGA CONVERGENCE				
				Newly Created				
263	Aurad		Convergence with MGNREGA	Water Conservation (Bunding Works)	10000	0	5 yrs	900.00
264				Water Harvesting	200	600	5 yrs	600.00
265				Creation of Irrigation canals and Drains:	0	0		0.00
266				Providing Infrastructure for Irrigation	0	0		0.00
267				Land Development	0	0		0.00
							Sub Total	10200
268	Basvakalyan		Convergence with MGNREGA	Water Conservation (Bunding Works)	9500	0	5 yrs	855.00
269				Water Harvesting	250	660	5 yrs	750.00
270				Creation of Irrigation canals and Drains:	0	0		0.00
271				Providing Infrastructure for Irrigation	0	0		0.00
272				Land Development	0	0		0.00
							Sub Total	9750
273	Bhalki		Convergence with MGNREGA	Water Conservation (Bunding Works)	12000	0	5 yrs	1080.00
274				Water Harvesting	150	450	5 yrs	450.00
275				Creation of Irrigation canals and Drains:	0	0		0.00
276				Providing Infrastructure for Irrigation	0	0		0.00

277				Land Development	0	0		0.00
				Sub Total	12150	450		1530.00
278	Bidar		Convergence with MGNREGA	Water Conservation (Bunding Works)	9500	0	5 yrs	855.00
279				Water Harvesting	190	350	5 yrs	570.00
280				Creation of Irrigation canals and Drains:	0	0		0.00
281				Providing Infrastructure for Irrigation	0	0		0.00
282				Land Development	0	0		0.00
						Sub Total	9690	350
283	Humnabad		Convergence with MGNREGA	Water Conservation (Bunding Works)	11000	0	5 yrs	990.00
284				Water Harvesting	210	425	5 yrs	630.00
285				Creation of Irrigation canals and Drains:	0	0		0.00
286				Providing Infrastructure for Irrigation	0	0		0.00
287				Land Development	0	0		0.00
						Sub Total	11210	425
				TOTAL	53000	2485		7680.00
				Renovation				
				Renovation of water bodies including de-silting:	0	0	0	0.00
				Renovation & Maintenance of Irrigation Canals & Drains:	0	0	0	0.00
				GRAND TOTAL	124291.54	334373		376684.20

STATE PLANNED SCHEMES FOR IRRIGATION

Sl. No.	Name of the Blocks/Sub Districts	State Irrigation Department	Name of the scheme	Activity	Total Number / Capacity (cum)	Command Area/ Irrigation Potential (Ha)	Period of Implementation (5/7 yrs)	Estimated cost (in Lakhs Rs.)
				Major Irrigation	0	0		0.00
				Medium Irrigation	0	0		0.00
1	Aurad		Irrigation Scheme of State Agriculture Department	Name of the scheme Agriculture Dept. Micro Irrigation	5100	5100	5 Yrs	990.00
2	Basvakalyan				5100	5100	5 Yrs	990.00
3	Bhalki				5100	5100	5 Yrs	990.00
4	Bidar				5100	5100	5 Yrs	990.00
5	Humnabad				5100	5100	5 Yrs	990.00
				TOTAL	25500			4950.00



Thank You

