REPORT ON

SPATIAL REPRESENTATION OF VILLAGES WHICH ARE FACING ACUTE WATER PROBLEMS IN BANGALORE RURAL DISTRICT

By

Mr. D. R. Ramesh

Scientist "B", District NRDMS Centre
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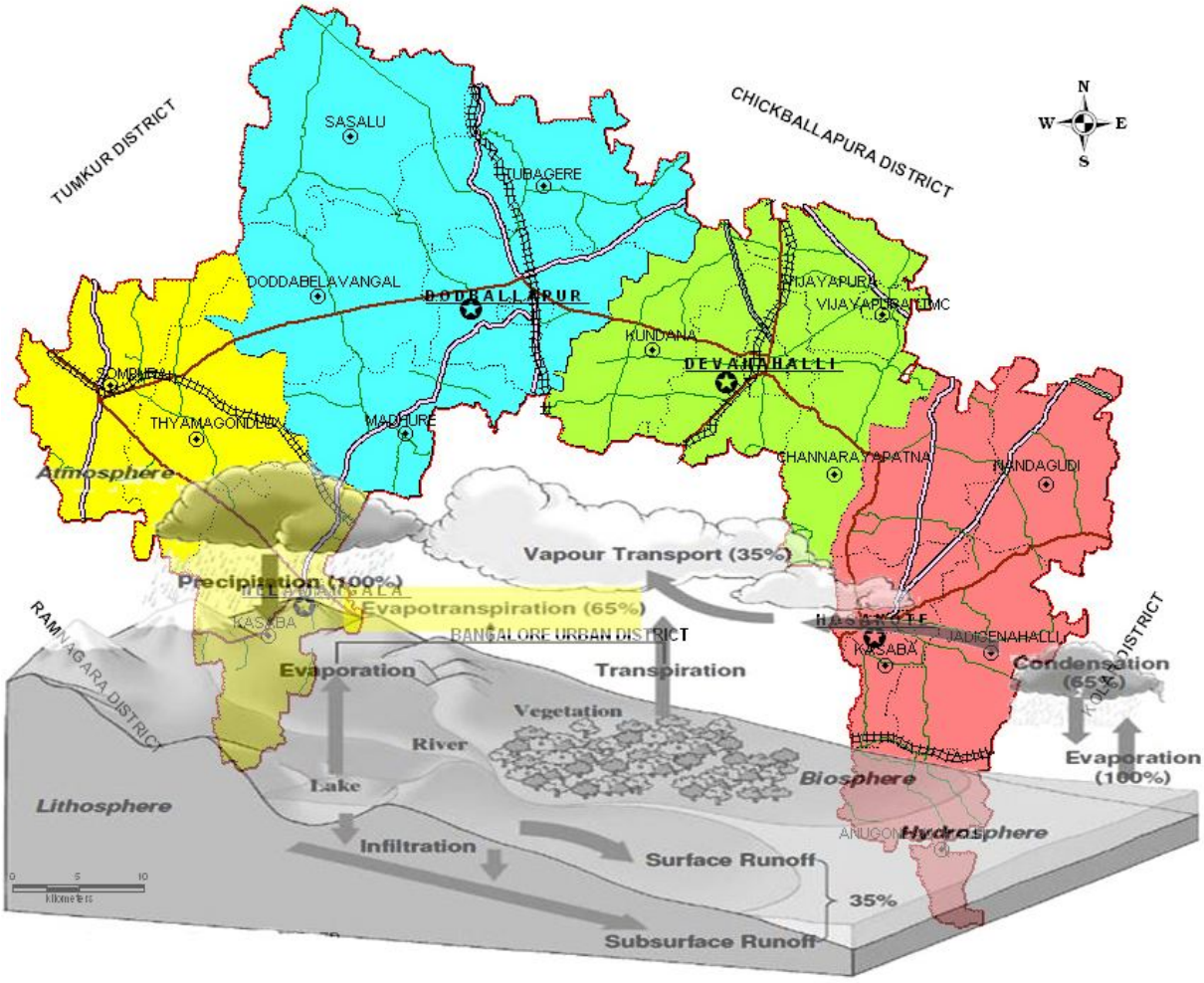

JULY 2011

NATURAL RESOURCES DATA MANGEMENT CENTER
BANGALORE RURAL ZILLA PANCHAYAT
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In this report an attempt has been made to represent spatially villages which are facing acute water shortage problems coming under Bangalore Rural District and some suggestions to tackle water problems in the long run

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Contents

NATURAL RESOURCES DATA MANAGEMENT SYSTEM (NRDMS)

Introduction

The balanced regional development and effective implementation of the basic needs of our society depends on the planning process which was initially the sectoral approach confined to the central level. This accentuated the inter and intra-regional disparities in the development and hence there was necessity to decentralise the planning process to a smaller area units. During VIII five year plan a special emphasis has been rightly given to the concept of decentralised planning. While adopting the seventy third and seventy fourth constitutional amendment acts (1992), a set of specific items covering various sectors viz., land, water, agro-economy and etc., were identified for which the concerned agencies were required to prepare and implement integrated development schemes. This growing urge for decentralising the process and practice of planning led us to have fresh look at methods of data management.

The project was initiated in Karnataka in 1992 with the active support of the Government of INDIA and Karnataka and the **Karnataka State Council for Science and Technology** as the implementing agency.

Objectives of the Programme:

The principle objective of this programme is to provide basic framework for local level integrated planning at district and block levels through the use of modern scientific tools like, Geographic Information System, Spatial Decision Support Systems and Sectoral models in the identified areas of Landuse, Water, Energy and Infrastructure. The idea is to empower the local bodies of governance in devising ways for optimizing the use of the available natural resources to bring about an integrated development of the region, thereby improving the socio-economic condition of the local population.

Implementation Strategy:

The programme is being implemented through the creation and management of one State Centre and District GIS centers state. The prime objective of the state GIS center and the district centers are given in the following sections.

Major Activities of NRDMS State Centre:

- Provide technical support to the district NRDMS centres.

- Organise Training programmes to the District personnel, line department officials and the user community.
- Organise state level co-ordination meetings.
- Forge linkages with the state government.
- Develop and test the Software and SDSS modules developed by other R&D groups that have utility in data management or specific application at the districts.

Major Activities of District NRDMS Centres :

- Creation of District resource profiles through collection and collation of Spatial and Non-Spatial Data from different line departments.
- Forge linkages with the local bodies of governance.
- Extension of technical support to the local decision making bodies and training of users in application of scientific management principles.
- Testing and adoption of decision support systems for local level resource management and socio-economic development.
- Maintenance of the district centres.

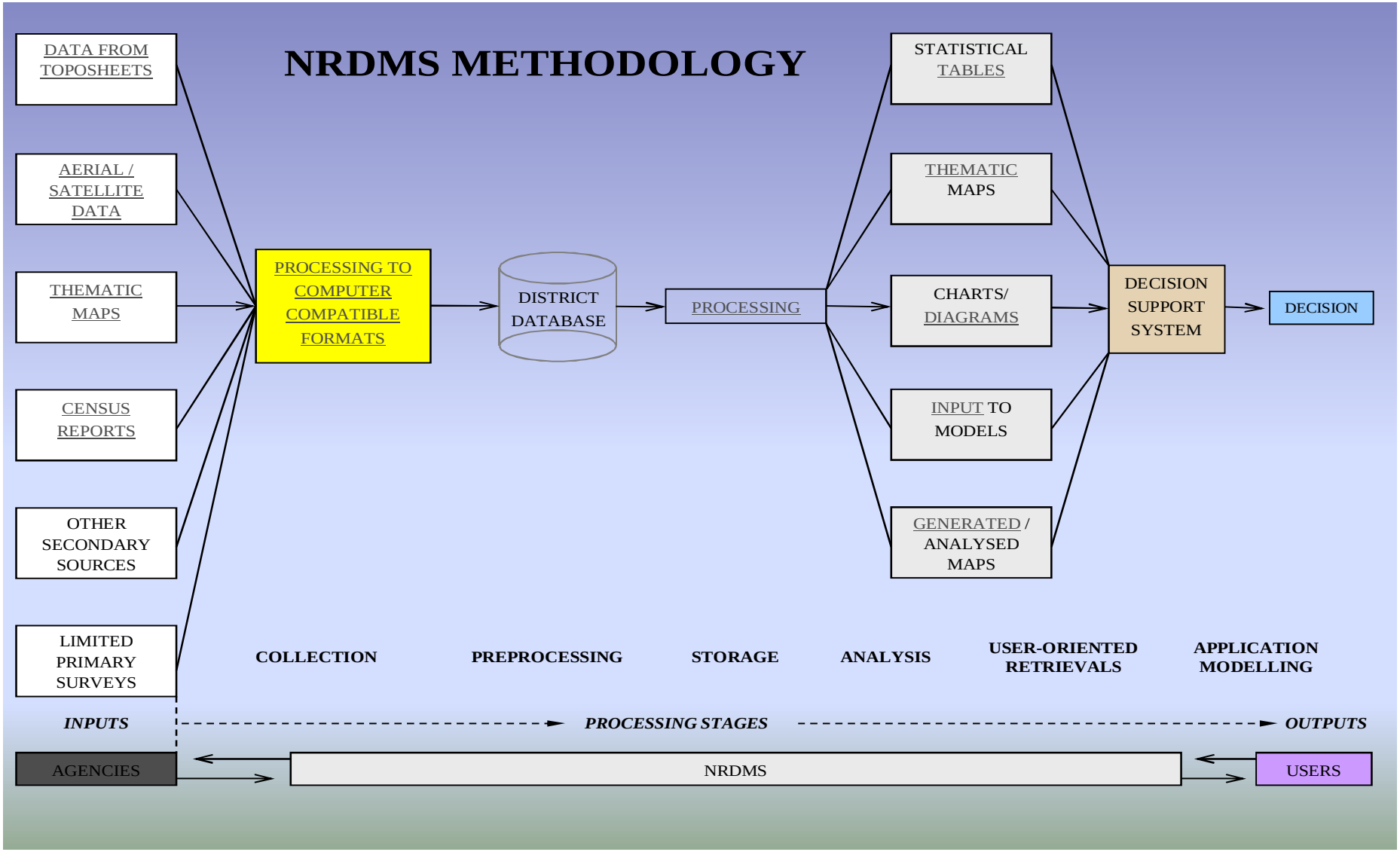
Nature can do without humankind but humankind cannot do without nature. Hence greater responsibility lies with humankind as guardian of natural resources to maintain the ecological system. Natural resource database of an area is an essential pre-requisite for studying developmental disparities and formulating integrated planning strategies.

In the long run, the nrdms aims to have economic production & distribution patterns that correspond to social requirements & ecological needs. Securing sustainable development is the decisive challenge for the 21st century, because sustainable development has a social, economic & ecological dimensions that are to be linked in an appropriate way.

To demonstrate the efficacy of the nrdms methodology in micro level planning, emphasis is laid on studies relating to application of resource profiles in drawing up area specific development strategies. Case studies have been attempted in some selected areas such as land, water facility location etc.

An attempt has been made in this report to spatially represent the villages facing acute water problems in Bangalore Rural District and measures which are to be taken up for restoring the water structures.

NRDMS – FLOW DIAGRAM



ABOUT BANGALORE RURAL DISTRICT

Bangalore (Rural) District in its present form came into being in 2007, after Ramanagara district was carved out of this district. In 1986, Bangalore district was divided into Bangalore (Urban) and Bangalore (Rural) districts. Originally, Bangalore (Rural) district comprised eight Taluks namely Channapattana, Kanakapura, Magadi, Ramanagara, Devanahalli, Doddaballapura, Hosakote and Nelamangala. When Ramanagara district was formed in 2007, only four Taluks namely Devanahalli, Doddaballapura, Hosakote and Nelamangala remained with Bangalore (Rural) district. Bangalore city itself is the headquarters of the district. It is a compact district with proximity to Bangalore city.

TALUKS

Devanahalli Taluk has four Hoblis including kasaba, the other three being Vijayapura, Channarayapatna and Kundana. There are 21 Grama Panchayats and one Municipality and one Town Panchayat in the Taluk.. Devanahalli town, the headquarters of the Taluk is situated at a distance of 39 kms from Bangalore city. Its historical significance lies in the fact that it happens to be the birth place of Tipusulthan. The Taluk is known for silk-based activities like reeling and weaving and also for masonry, stone cutting etc.

Doddaballapura Taluk has five Hoblis including kasaba, the other four being Doddabelavangala, Thubagere, Sasalu and Madure. There are 29 Gram Panchayats and one city municipality in the taluk. Doddaballapura town, the headquarters of the taluk, is situated to the north-west of Bangalore on the banks of river Arkavathi. The taluk is known for manufacturing of silk cloth by powerloom, manufacturing of musical instruments like veena, thambura, pottery works, agarbathi etc

Hosakote taluk has four Hoblis including kasaba, the other three being Sulibele, Anugondanahalli and Nandagudi. Hosakote, There are 22 Gram Panchayats and one municipality in the taluk. Hosakote, the headquarters of the taluk, is situated at a distance of 12 kms from Bangalore city. The occupation in the taluk is mainly agriculture, the other important activities being beekeeping and horticulture.

Nelamangala taluk has three Hoblies including kasaba, the other two being Thyamagondlu and Somapura. There are 22 Gram Panchayats and one town

municipality in the taluk. Nelamangala town, the headquarters of the taluk, is situated at a distance of 27 kms from Bangalore city. The main activities of the taluk, in addition to agriculture, are silk cloth manufacturing by powerloom, agarbathi manufacturing and handicrafts.

LOCATION, AREA AND POPULATION

Bangalore (Rural) district lies in the Southern Maidan. It is almost surrounded by Bangalore (Urban) district. It lies between latitude 12^0 15' N and longitude 77^0 5' E and 78^0 E.

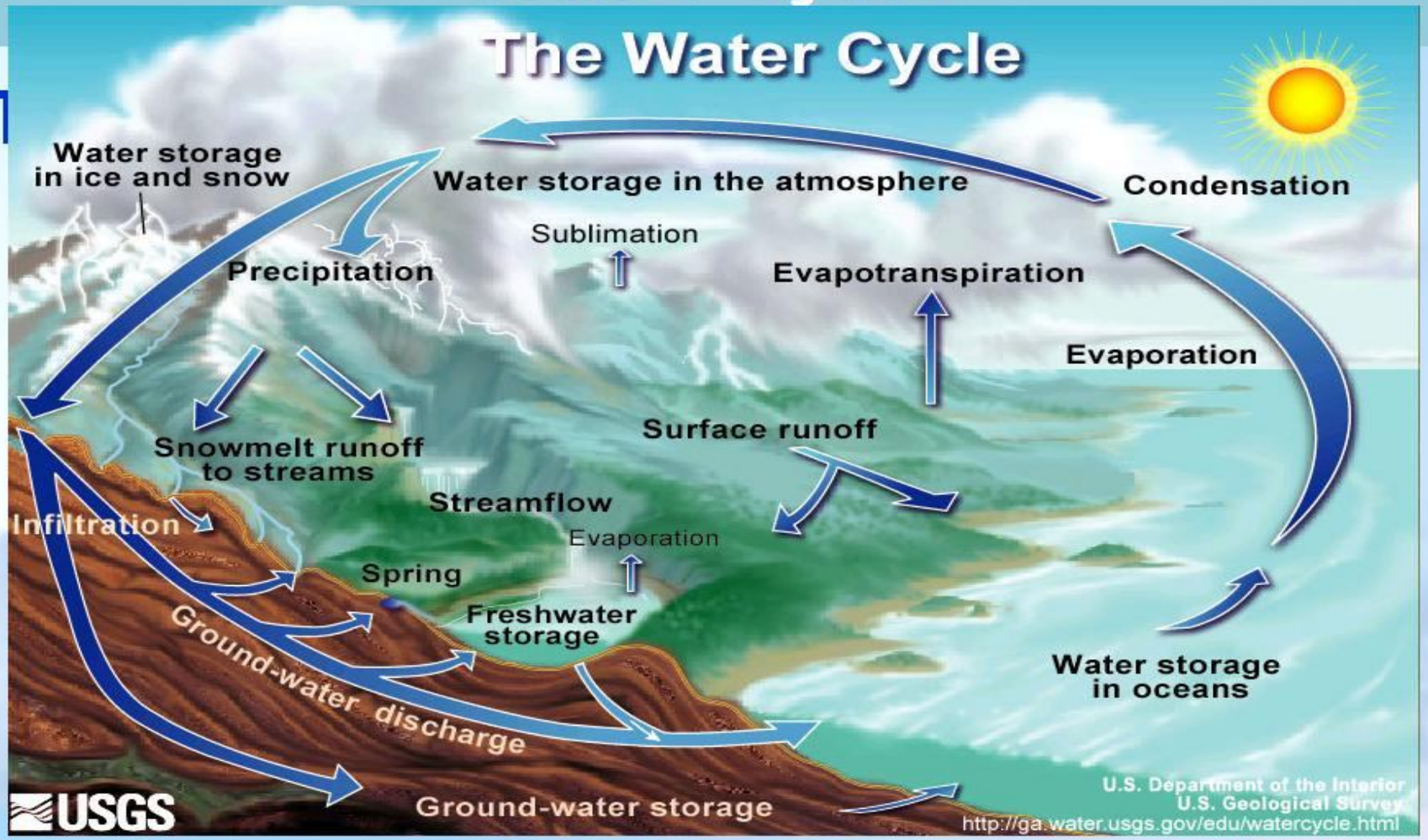
The geographic area of the district is 2259 sq kms. Doddaballapur taluka has the largest area with 778 sq kms and the next in order are Hosakote with 544 sq kms, Nelamangala with 506 sq kms and Devanahalli with 431 sq kms.

The total population of the district as per 2001 census is 8,50,968 comprising 4,37,489 males and 4,13,479 females. The population is predominantly rural with 6,58,634 persons, the urban population being 1,92,334. The density of population (per sq km) is 377 as against the state average of 275 and the sex ratio is 945 as against the state average of 964.

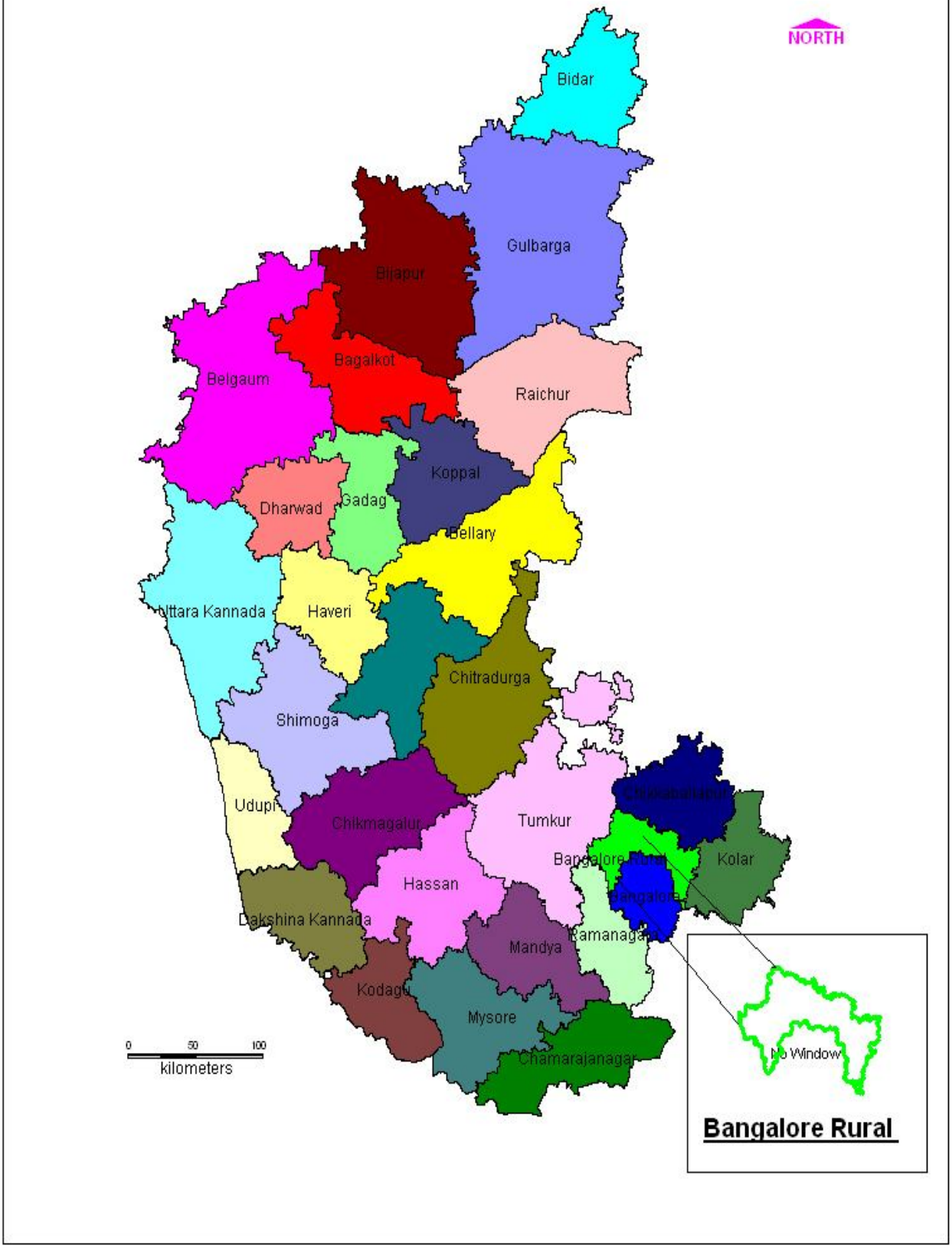
Introduction : (WATER)

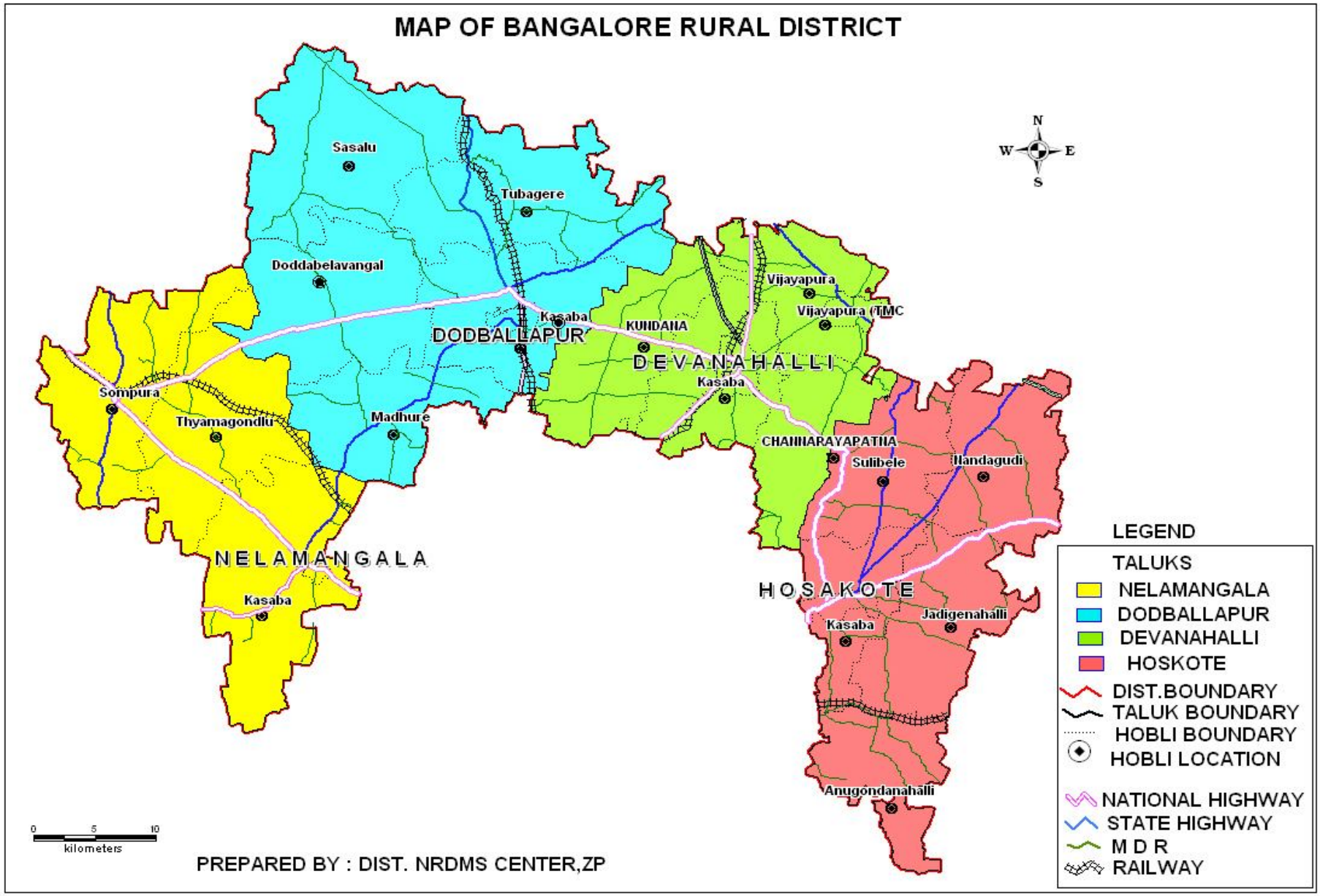
Water is the most essential and widely distributed renewable resource. Man depends on water for his basic needs of domestic, agricultural and industrial uses. However, with a rapid growth of population, Industrialization, unscientific management of water use, application of chemicals and fertilizers in Agriculture and effects of climate change, water is becoming scarce and unsafe for various needs. In the recent past, with rapidly increasing demand for fresh water coupled with frequent failure of rainfall, mankind have intensified the activities for exploring and exploiting groundwater. In addition to this, the demand of groundwater for agricultural and domestic purposes is increasing to an alarming condition without giving much attention to conservation of surface runoff, increased flow to surface water bodies and recharge of the ground water. The population growth not only has disturbed the land use pattern due to explosive developmental activities, but has also created extreme stress on the water resources of the region. Thus, the development and management of water resources with scientific approach has attracted a great deal of attention in the recent years.

Water cycle

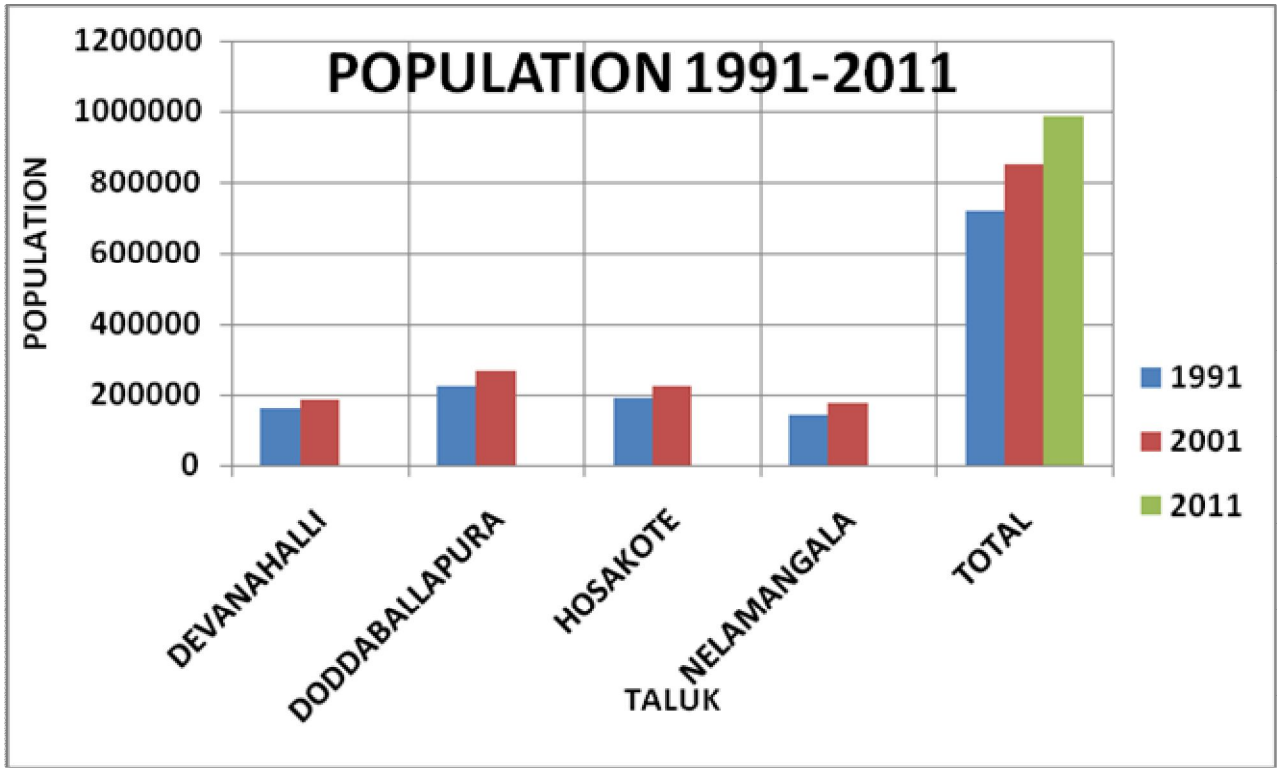

The Water Cycle
Water storage in ice and snow
Water storage in the atmosphere
Condensation
Sublimation
Precipitation
Evapotranspiration
Evaporation
Surface runoff
Snowmelt runoff to streams
Streamflow
Infiltration
Evaporation
Spring
Freshwater storage
Ground-water discharge
Water storage in oceans
Ground-water storage
USGS
U.S. Department of the Interior
U.S. Geological Survey
http://ga.water.usgs.gov/edu/watercycle.html

Map of Karnataka State

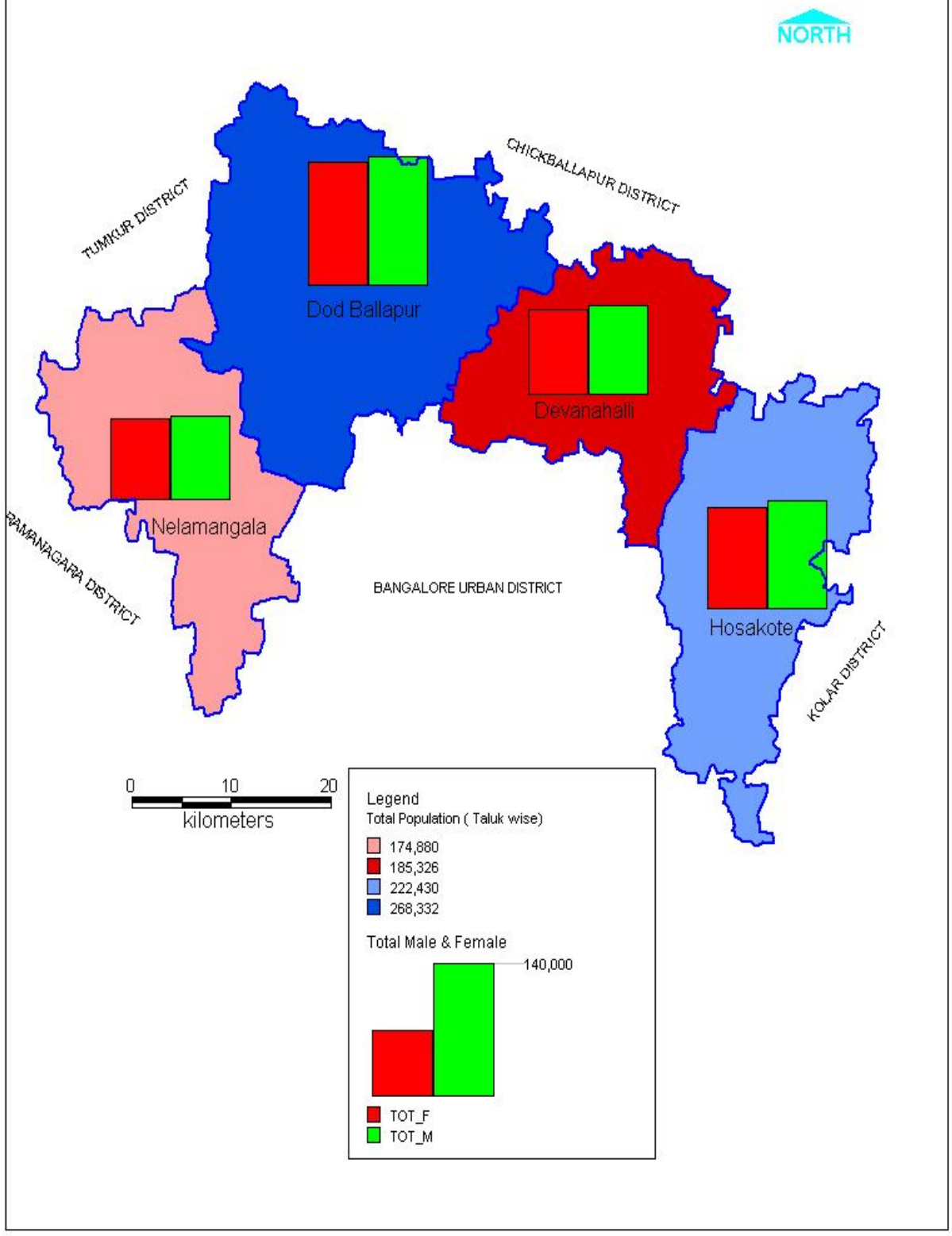



MAP OF BANGALORE RURAL DISTRICT
N
W
E
S
Sasalu
Tubagere
Doddabelavangal
Kasaba
DODBALLAPUR
KUNDANA
Vijayapura
Vijayapura (TMC
DEVANAHALLI
Kasaba
Sompura
Thyamagondlu
Madhure
CHANNARAYAPATNA
Sulibele
Handagudi
NELAMANGALA
Kasaba
HOSAKOTE
Jadigenahalli
Kasaba
Anugondanahalli
0 5 10
kilometers
PREPARED BY : DIST. NRDMS CENTER,ZP
LEGEND
TALUKS
NELAMANGALA
DODBALLAPUR
DEVANAHALLI
HOSKOTE
DIST.BOUNDARY
TALUK BOUNDARY
HOBLI BOUNDARY
HOBLI LOCATION
NATIONAL HIGHWAY
STATE HIGHWAY
M D R
RAILWAY

POPULATION DETAILS OF BANGALORE RURAL DISTRICT FROM 1991 TO 2011				
SL NO	**TALUK**	**1991**	**2001**	**2011**
1	**DEVANAHALLI**	160683	185326	-
2	**DODDABALLAPURA**	224647	268332	-
3	**HOSAKOTE**	188499	222430	-
4	**NELAMANGALA**	143696	174880	-
	TOTAL	**717525**	**850968**	987257



DEMOGRAPHIC PROFILE OF BENGALURU RURAL DISTRICT



Normal Rainfall and Ground Water Level details

Sl. No.	TALUK	Normal Rainfall (mm)	Normal Rainy days	Ground Water Level (Mtrs) Max	Min
1	DEVANAHALI	767	50	28.35	3.9
2	DODDABALLAPUR	849	47	58.93	1.35
3	HOSAKOTE	750	48	40.05	14.2
4	NELAMANGALA	931	51	23.2	3.47
	AVERAGE	**824**	**49**	-	-

Tanks and Borewells Details

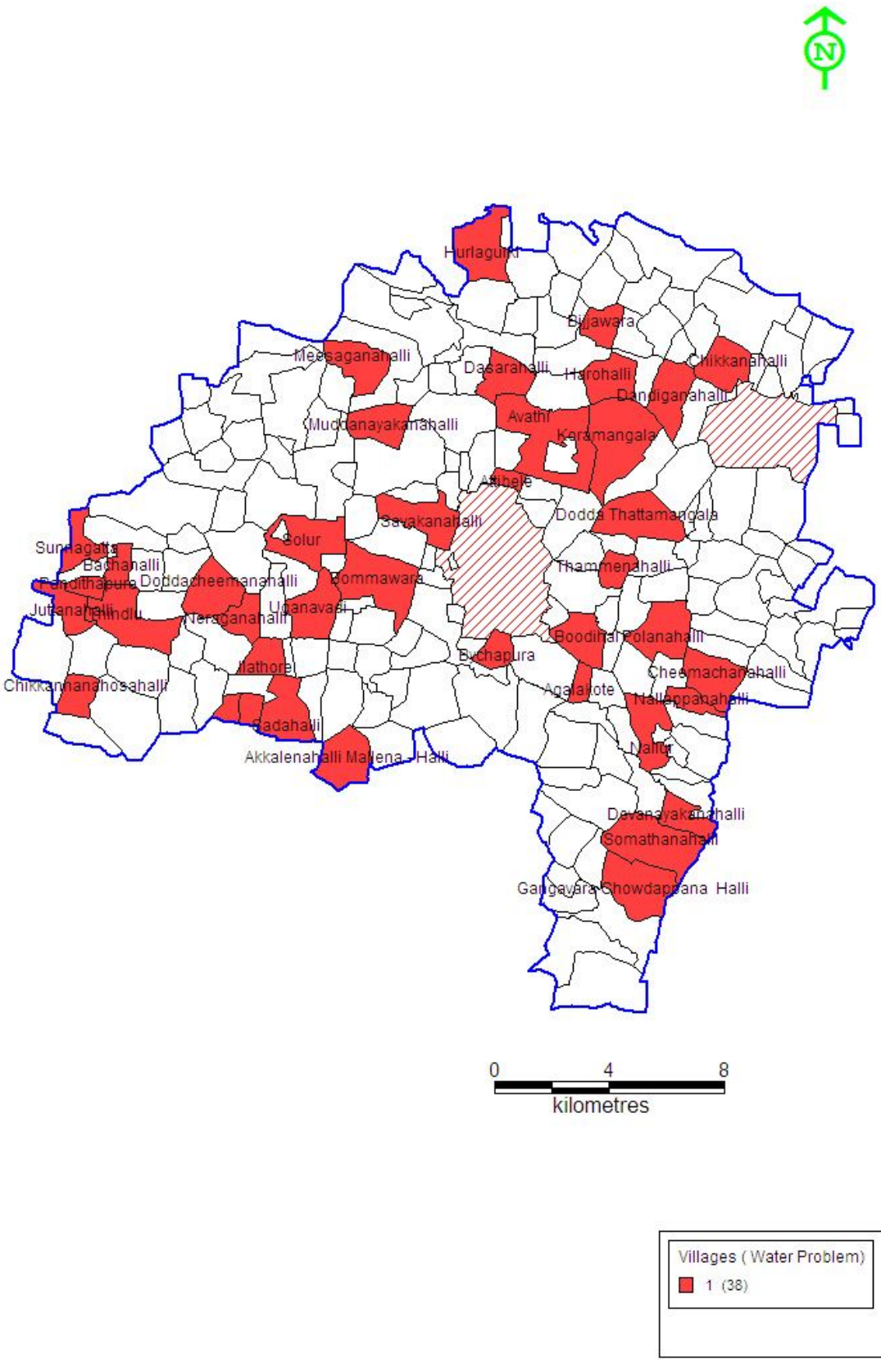
Sl. No	TALUK	TANKS >40Hectrs	BOREWELLS (HANDPUMP)	MWS * (MINI)	PWS* (PIPED)
1	DEVANAHALI	14	560	164	65
2	DODDABALLAPUR	39	1199	329	84
3	HOSAKOTE	26	782	252	92
4	NELAMANGALA	21	1105	355	56
	TOTAL	**100**	**3646**	**1100**	**297**

- **MWS – Mini Water Supply Scheme**
- **PWS – Piped Water Supply Scheme**

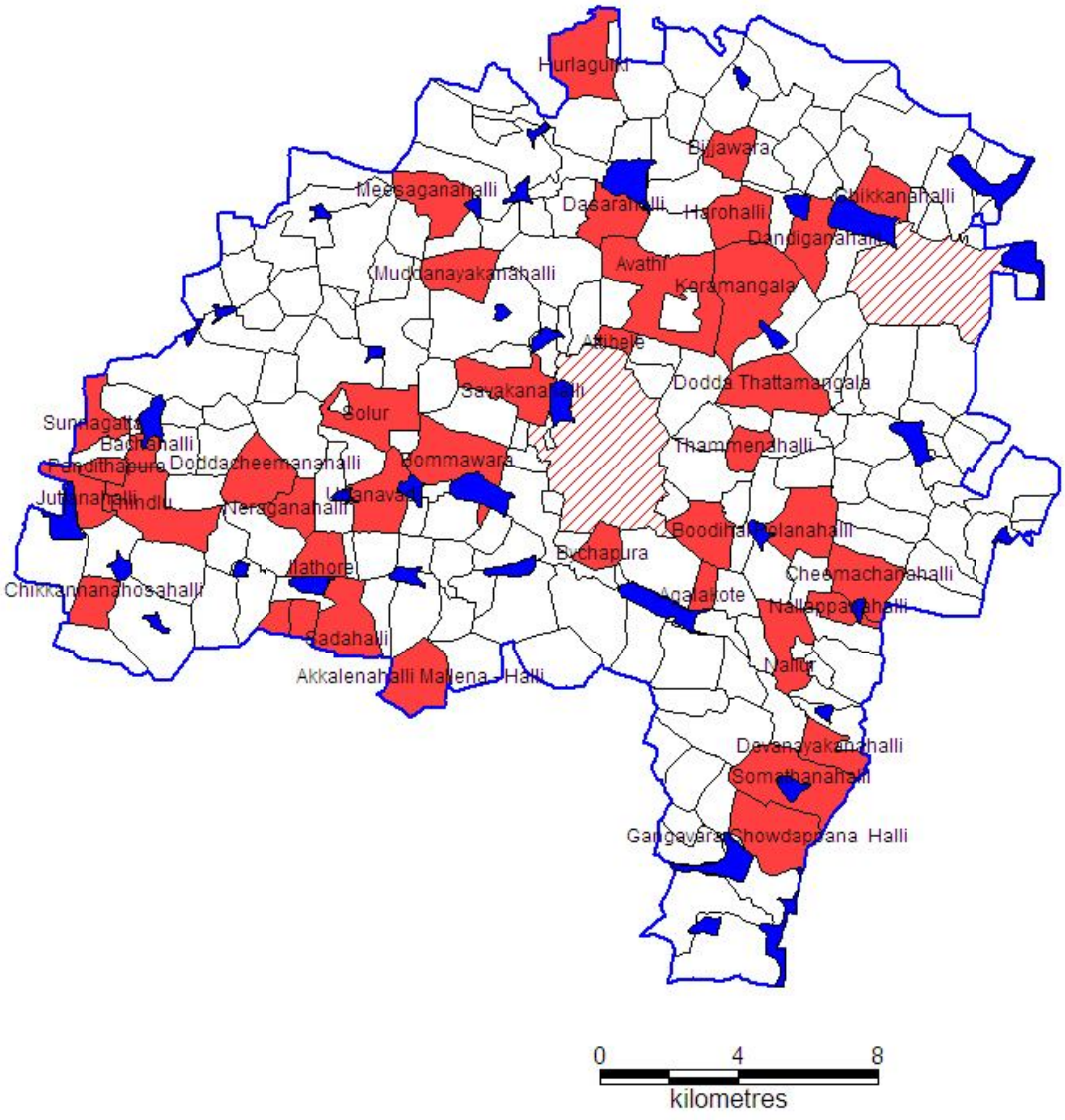
Borewells used for irrigation purposes

Sl. No	TALUK	Borewells used for irrigation
1	DEVANAHALI	5630
2	DODDABALLAPUR	9401
3	HOSAKOTE	5575
4	NELAMANGALA	3965
	TOTAL	**24571**

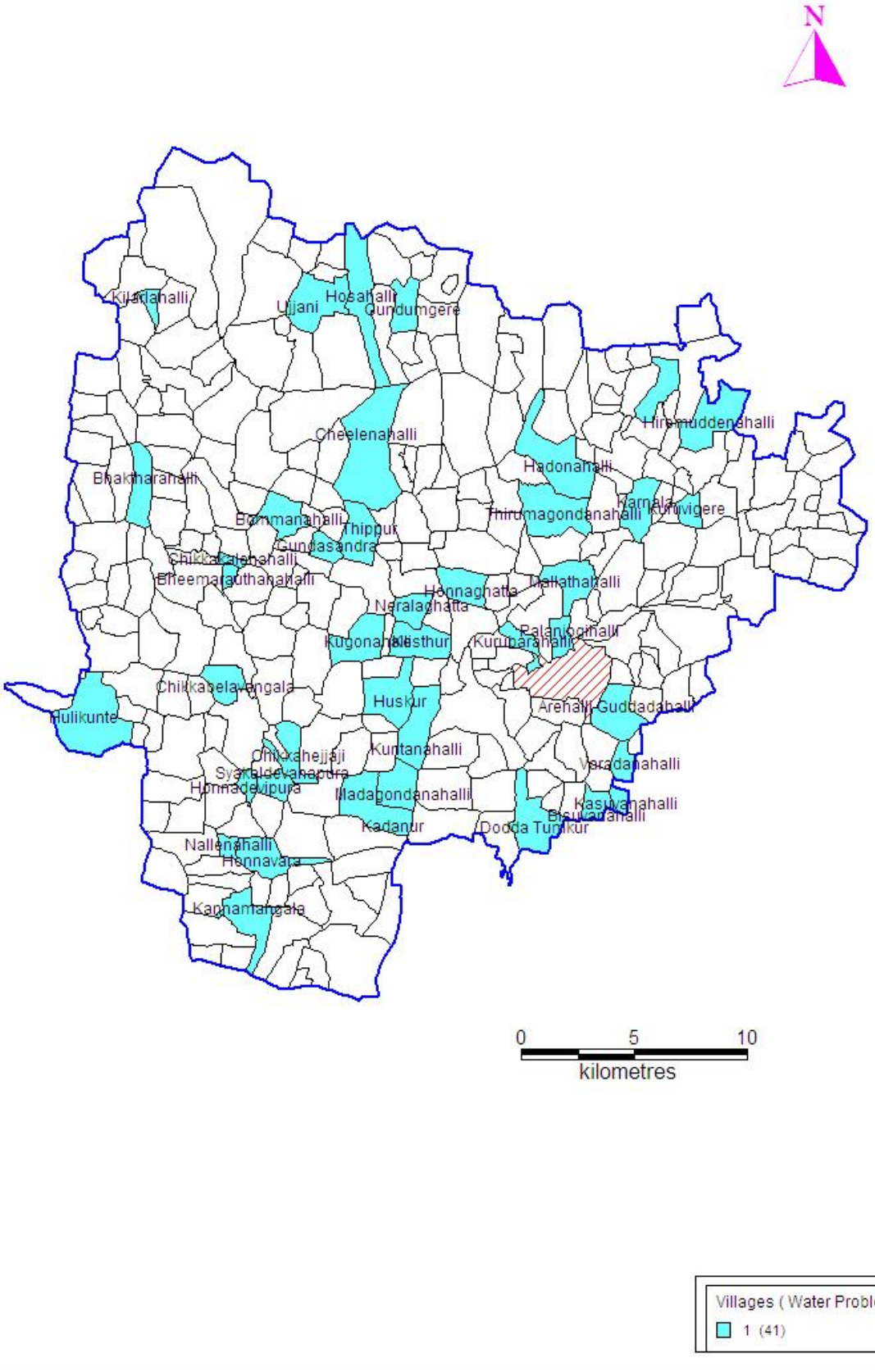
VILLAGES FACING DRINKING WATER PROBLEM - DEVANAHALLI TALUK



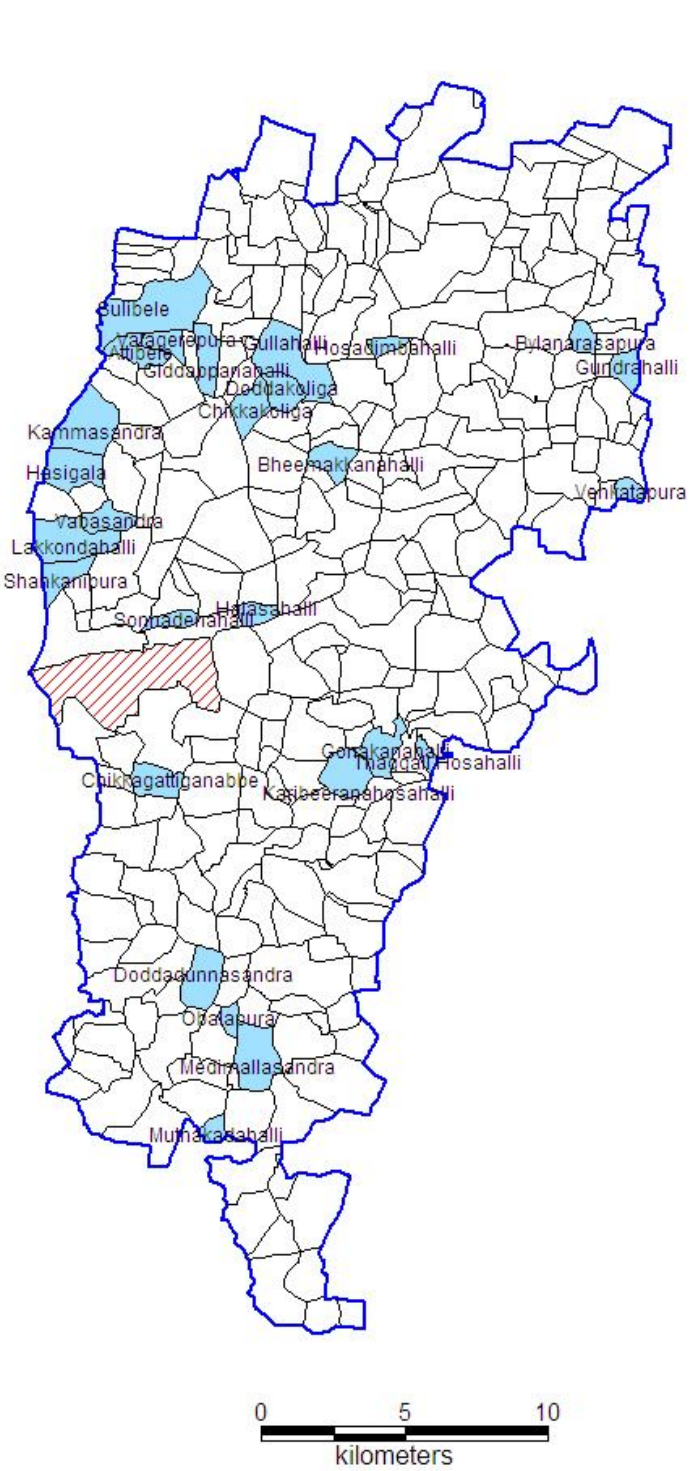
VILLAGES FACING DRINKING WATER PROBLEM - DEVANAHALLI TALUK



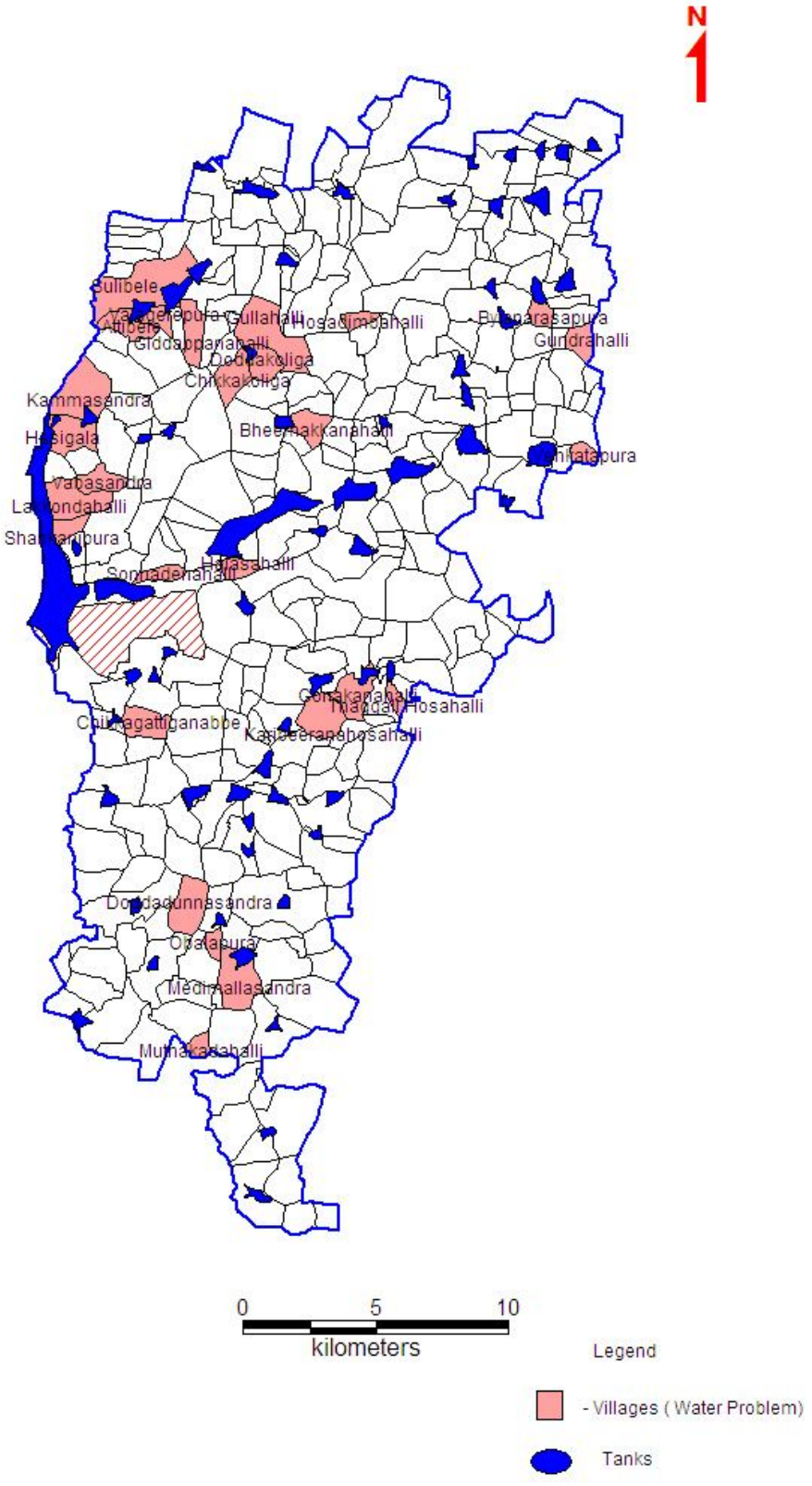
VILLAGES FACING WATER PROBLEM - DODDABALLAPUR TALUK



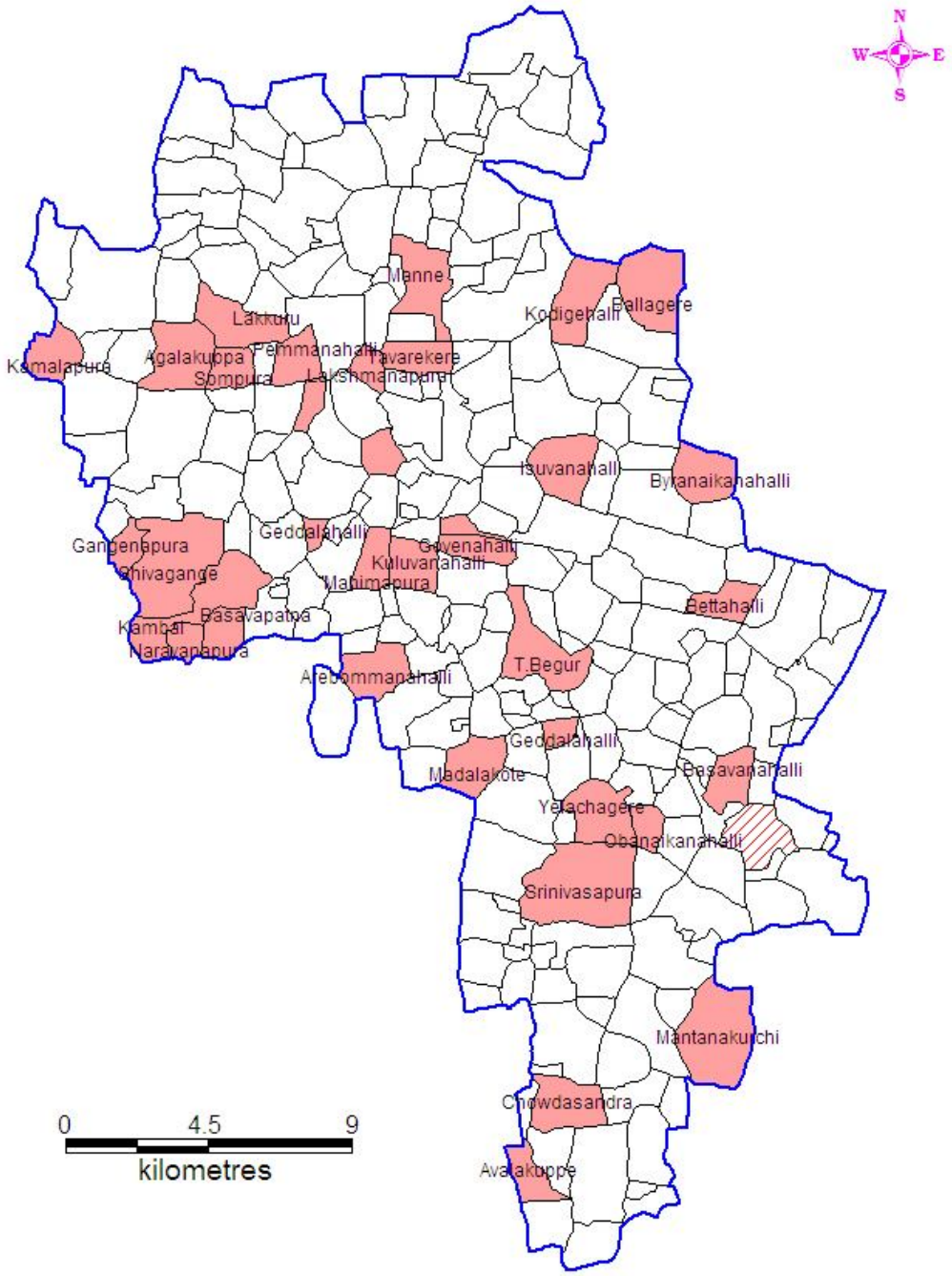
VILLAGES FACING WATER PROBLEM - HOSAKOTE TALUK



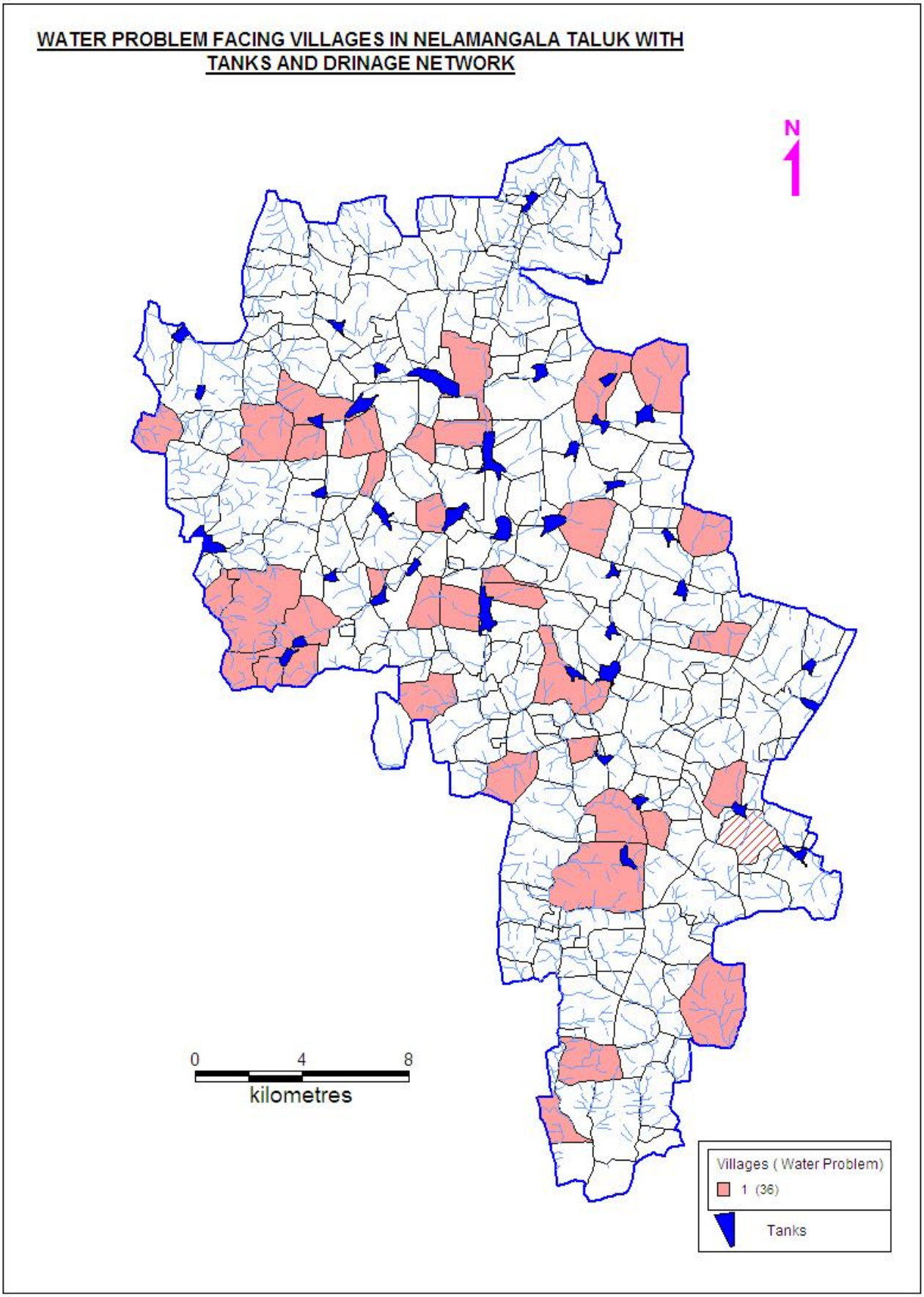
VILLAGES FACING WATER PROBLEM - HOSAKOTE TALUK



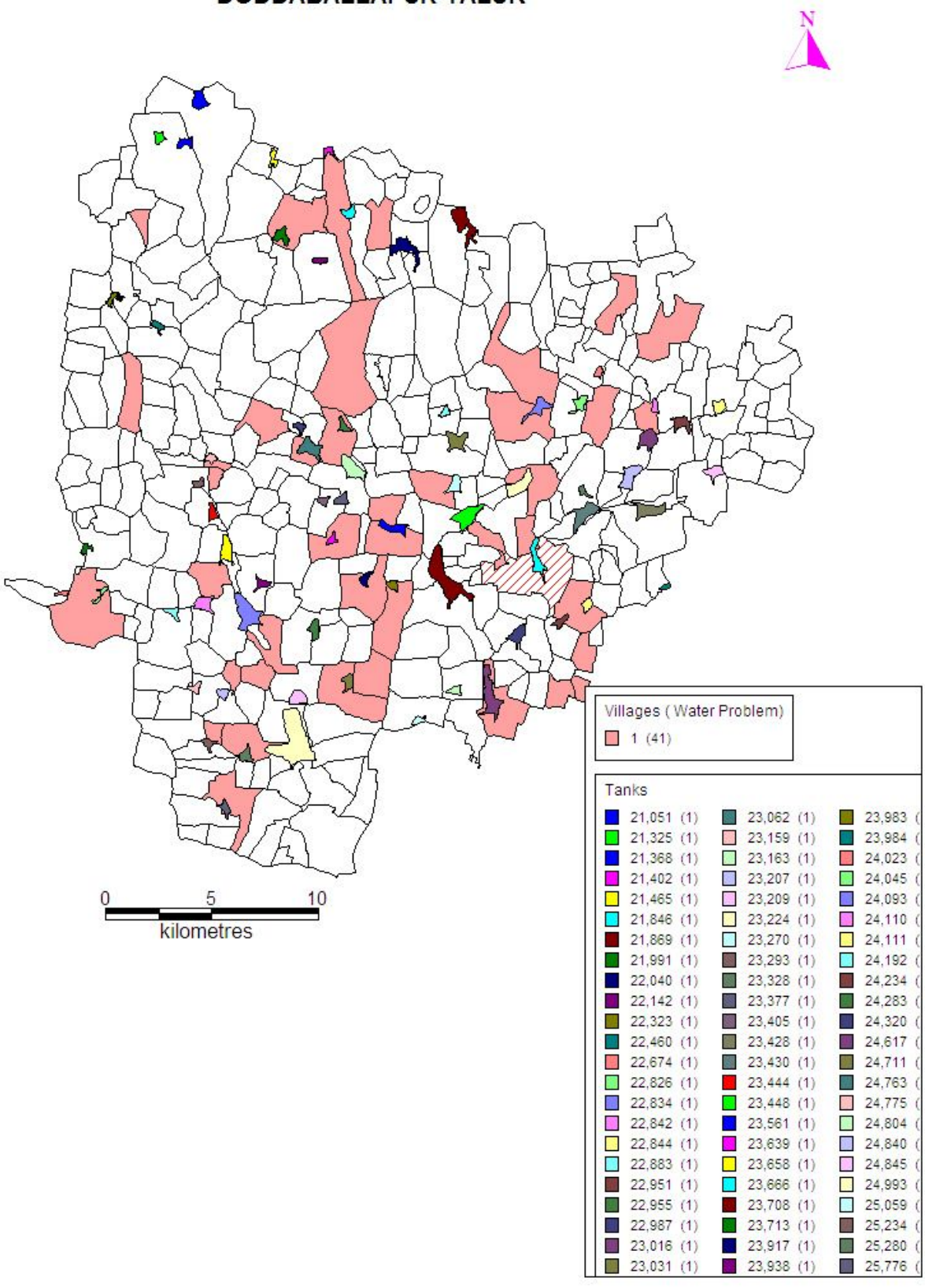
VILLAGES FACING WATER PROBLEM - NELAMANGALA TALUK



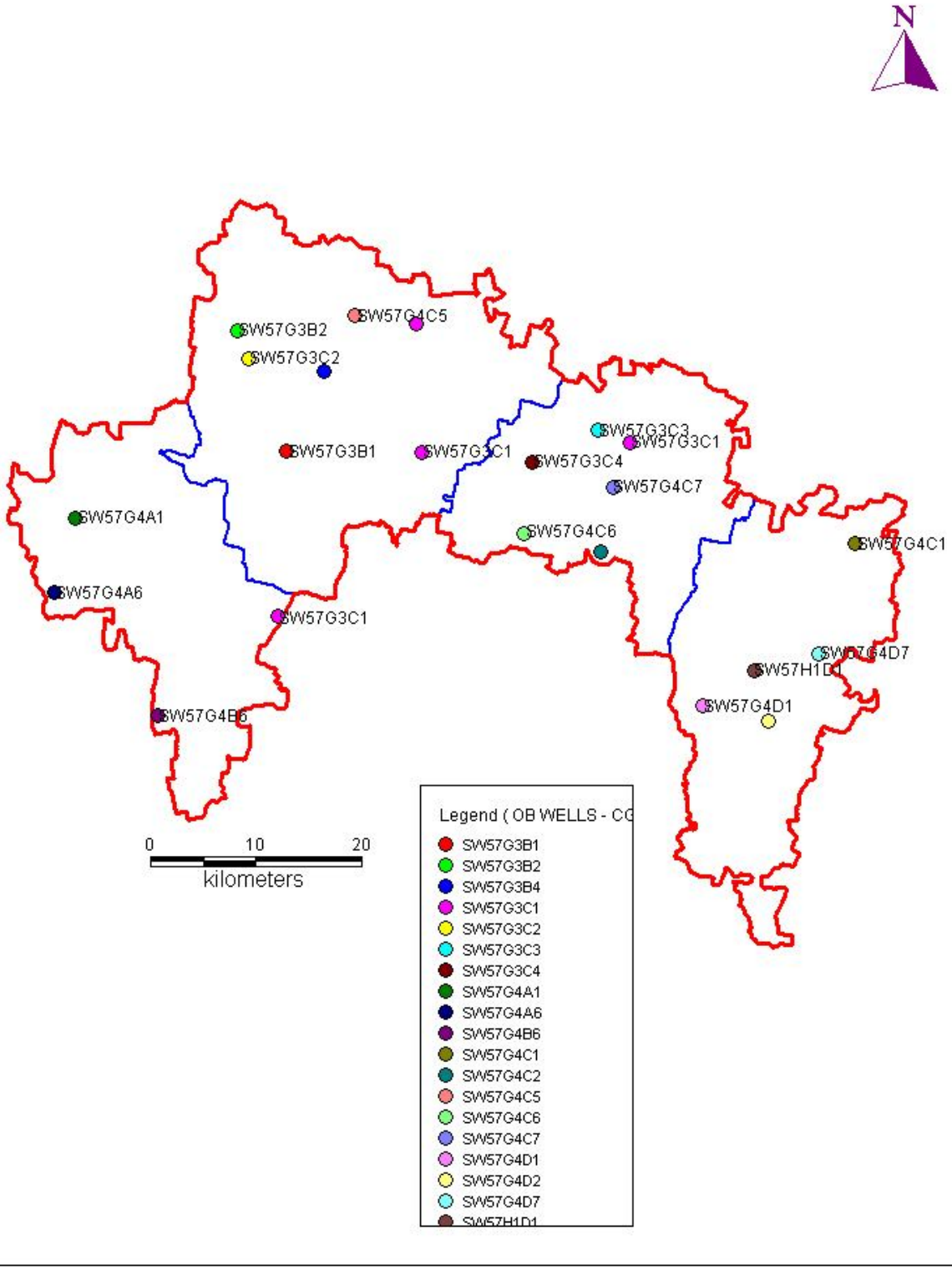
WATER PROBLEM FACING VILLAGES IN NELAMANGALA TALUK WITH TANKS AND DRINAGE NETWORK



VILLAGES FACING WATER PROBLEM AND ASSOCIATED TANKS IN DODDABALLAPUR TALUK



CGWB OBSERVATION WELLS LOCATION IN BENGALURU RURAL DISTRICT



OBSERVATION WELLS DETAILS OF C.G.W.D

Well No	Village Name	Taluk	Latitude	Longitude	Height of M.P (magl)	Depth (mbgl)
SW57G4B8	ADAKIMARANAHALLY	NELAMANGALA	13d04'05"	77d26'45"	0.9	10.84
SW57G4A1	DOBSPET	NELAMANGALA	13d13'30"	77d14'30"	0.8	17.6
SW57G4B6	MAHADEVAPURA	NELAMANGALA	13d04'00"	77d19'00"	0.82	11.27
SW57G4A6	SHIVAGANGA	NELAMANGALA	13d11'20"	77d13'40"	0.9	15.18
SW57G4C4	CHIKKAJALA	DEVANAHALLI	13d10'30"	77d38'15"	0	11.15
SW57G4C5	CHOKKANAHALLI	DEVANAHALLI	13d06'40"	77d41'20"	0.8	9.3
SW57G4C6	CHOWDAPPANAHALLI	DEVANAHALLI	13d07'00"	77d43'45"	0.7	8.8
SW57G4C7	DEVANAHALLI	DEVANAHALLI	13d15'00"	77d42'00"	0.7	11.17
SW57G4C18	JAYAPURA	DEVANAHALLI	13d06'35"	77d33'25"	0.5	14.1
SW57G3C2	JYOTHIPURA	DEVANAHALLI	13d16'00"	77d41'05"	0.7	11.43
SW57G3C3	KODAGURKI	DEVANAHALLI	13d16'00"	77d43'00"	0.81	9.4
SW57G3C4	VISWANATHAPURA	DEVANAHALLI	13d16'30"	77d39'00"	1	13.46
SW57G3B4	BHAIRAPUR TIPPUR	DODDABALLAPURA	12d21'30"	77d26'30"	0.9	8.8
SW57G3B1	DODDABALAVENGALA	DODDABALLAPURA	13d17'30"	77d25'29"	0.8	12.92
SW57G3C14	GOLLAHALLI	DODDABALLAPURA	13d21'50"	77d31'16"	0.92	15.36
SW57G3B2	KANAKANAHALLI	DODDABALLAPURA	13d22'00"	77d23'00"	0.9	10.91
SW57G3C13	S.S.GHATI	DODDABALLAPURA	13d24'25"	77d31'54"	0.62	5.42
SW57G3C12	SIDDANAIKANAHALLI	DODDABALLAPURA	13d17'30"	77d32'30"	0.9	16.58
SW57H1D1	DASARAHALLI	HOSAKOTE	13d02'15"	77d51'00"	1.14	19.93
SW57G4D1	HOSKOTE	HOSAKOTE	13d04'00"	77d48'00"	0.72	11.3
SW57G4D2	JADIGENAHALLI	HOSAKOTE	13d02'00"	77d51'40"	0.76	7.6
SW57G4D7	MUGABALA	HOSAKOTE	13d07'00"	77d54'05"	0.85	7.1
SW57G4B8	ADAKIMARANAHALLY	NELAMANGALA	13d04'05"	77d26'45"	0.9	10.84
SW57G4A1	DOBSPET	NELAMANGALA	13d13'30"	77d14'30"	0.8	17.6
SW57G4B6	MAHADEVAPURA	NELAMANGALA	13d04'00"	77d19'00"	0.82	11.27
SW57G4A6	SHIVAGANGA	NELAMANGALA	13d11'20"	77d13'40"	0.9	15.18

C.G.W.B OBSERVATION WELL DATA FOR THE YEAR 2005

ID	SITE NAME	JAN	AUG	NOV	AVG
1	Hegganur	2.35	2.27	1.65	2.04
2	Uyyamballi	13.13	8.88	5.8	10.26
3	Thippur		6.2		6.53
4	Yeramgere				0
5	Alahalli		-0.6	-0.6	-0.3
6	Maralebekuppe				0
7	Nayakanahalli	10.1	19.15	9.95	12.34
8	Nunnuru	4.97	5.32	1.27	3.26
9	Kanakapura	4.35	4.71	0.94	3.15
10	Kanakapura1				0
11	Kottahalli	2.14			2.14
12	Yalachavadi				0
13	Mainayakana Hosahali	4.94		2.47	
14	Honganur				0
15	Ganaldoddi	3.13	3.01		3.36
16	Channapatna	1.72	1.42	0.89	1.57
17	Channenahalli	30.13	35.2	24.95	25.35
18	Kylancha	2.65	3.48		3.73
19	Harohalli	11.86	10.16	3.2	7.88
20	Harohalli1	1.42	0.8	0.8	1.47
21	Achalu				0
22	Kannamangala			2.08	2.08
23	Suggaunahalli	6.04	7.24	3.54	5.86
24	Bidadi	9.53	11.23	2.42	6.1
25	Jalamangala	12.93	14.15	6.3	9.14
26	Hejjala	10.21		2.64	6.42
27	Attingere	10.25		9.4	10.56
28	Bachanahati	6.02			4.5
29	Magadi1	18.1	17.15	7.35	12.61
30	Magadi2	5.73		2.2	5.12
31	Kadugodi	18.8	21.71	16.62	15.44

ID	SITE NAME	JAN	AUG	NOV	AVG
32	Jadigenahalli		6.84	6.14	6.49
33	Gudemaranahalli	9.15	10.5	6.7	9.45
34	Thippasandra	6.57	2.75	1.65	4.58
35	Yentiganahalli	12.42	17.24	9.35	10.78
36	Kudalur				0
37	Solur	22.5	14.85	20.8	17.4
38	Mahadevapura	8.76	3.76		6.26
39	Kuduru1	26.93			18.84
40	Kuduru	9.15			9.15
41	Banavadi	3.25	4	1.95	3.3
42	Mugabala		6.25	6.25	6.25
43	T.Begur				0
44	Shivagange	5.25	5.59	3.73	4.33
45	Kanasvadi	39.1	40.82	38.09	31.61
46	Shivagange1	2.93	6.45	3.25	5.94
47	Arasinakunte	11.37	11.71	9.6	10.89
48	Sompura				0
49	Devanhalli	20.77	21.46	20.85	16.74
50	Jyotipura		10.73	10.73	10.73
51	Kodagurki	7.62	8.59		8.1
52	Vishwanathapura	7.58	12.46	5.2	8.37
53	Siddanayakanahalli	12.54		12.6	9.92
54	Dodballapur1	30.38	-0.7	33.8	20.08
55	Rajaghatta				0
56	Gollahalli	11.19	8.88	9.78	10.22
57	Kanikanahalli		10.01	9.35	9.68
58	Subraya Nagenahalli	4.73			3.82

C.GW.B. WELL DATA FOR THE YEAR 2009

ID	SITE NAME	JAN	MAY	AUG	NOV	AVG
1	Hegganur	2.48	2.65	7.45	2.85	3.86
2	Uyyamballi	8.09	3.32		7.41	6.27
3	Bhairapur Tippur	6.45	6.65	5.12	4.45	5.67
4	Doddalahalli	15	15	15	15	15
5	Nayakanahalli	9.53	9.2	8.81	9.67	9.3
6	Nunnuru	9.39	11.3		10.45	10.38
7	Kanakapura	4.76	6.67	3.14	3.99	4.64
8	Kanakapura1	4.92	6.3	2.78		4.67
9	Kottahalli	5.05	8.44	2.19	9.35	6.26
10	Kottahalli				9.35	9.35
11	Mainayakana Hosahali	8.3	8.3	8.3		8.3
12	Ganaldoddi	3.06	5.41		1.45	3.31
13	Channenahalli	31.67	42.68	42.8	2.08	29.81
14	Kailancha	2.12	2.82	1.75	2.05	2.18
15	Harohalli	13.6	13.65	10.78	7.5	11.38
16	Harohalli1	3.78	4.5	1.08	1.3	2.66
17	Kannamangala	7.48			2.13	4.8
18	Suggaunahalli	6.18	6.44	5.63	6.76	6.25
19	Bidadi	14.92	9.92			12.42
20	Jalamangala	11.62	14.4	10.01	10.77	11.7
21	Mathikere	3.19				3.19
22	Hejjala	11.84	11.84	11.84	11.84	11.84
23	Attingere	12.7	12.7	12.7	12.7	12.7
24	Doddalamarapalya	13.62	13.62	13.62	13.62	13.62
25	Rudrapura Chadrappa Circle	3.93	5.93	6.55	7.23	5.91
26	Bachenahatti	11.69	11.69	6.81	4.69	8.72
27	Magadi1	11.82	15.04	11.78	10.44	12.27
28	Magadi2	6.6	8.75	5.81	5.04	6.55
29	Kadugodi	23.98	25.76	23.86	24.88	24.62
30	Jadigenahalli			6.84		6.84
31	Dasarahalli				18.79	18.79
32	Gudemaranahalli	7.9	8.65	6.62	9.08	8.06
33	Yentiganahalli	12.58	15.15	13.12	12.13	13.24

ID	SITE NAME	JAN	MAY	AUG	NOV	AVG
34	Solur	25.53	25.85	25.22	22.68	24.82
35	Mahadevapura	2.78	3.43	3.4	2.03	2.91
36	Hosakote	36.58	38.15	37.5	40.41	38.16
37	Kuduru pz	28.58	33.23	31.88	28.8	30.62
38	Banavadi	4.25	3.95	3.37	2.9	3.62
39	Mugabala	6.25	6.25	6.25	6.25	6.25
40	Shivagange	4.58	6.89	6.73	5.88	6.02
41	Kanasvadi	37.5	37.2	36.48		37.06
42	Shivagange1	2.85	4	15.35	14.37	9.14
43	Arasinakunte	11.71	11.71	11.71	11.71	11.71
44	Devanhalli1	5.95	6.45	7.42	5.02	6.21
45	Devanhalli	6.15	21.45	21.71	21.55	17.72
46	Jyotipura	10.73	10.73	10.73	10.73	10.73
47	Kodagurki	5.09	5.51		2.59	4.4
48	Vishwanathapura	4.9	5.03	5.55	4.09	4.89
49	Siddanayakanahalli	12.3	13.48	11.22	12.35	12.34
50	Dodballapur1	19.1	24.8	25.41	16.71	21.5
51	Avathi		13.62	13.62		13.62
52	Kanikanahalli	10.01	10.01	10.01		10.01
53	S.S.Ghati	3.18	1.13	1.04	1.95	1.82

CGWB- OBSERVATION WELL DATA FROM 2000 TO 2009

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BLRPZ23	77.429	12.981	Chennenahalli	25-05-2009	42.68	848.641
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BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2004	36.9	884.809
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BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-11-2004	38.8	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2005	39.1	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	21-04-2005	-	884.809

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BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2005	40.82	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-11-2005	38.09	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2006	37.13	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-05-2006	37.8	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2006	37.95	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-11-2006	37.19	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2007	28.3	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-05-2007	41.38	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2007	44.2	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-11-2007	37.74	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2008	38.93	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-05-2008	42.46	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2008	41.25	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-11-2008	38.5	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2009	37.5	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-05-2009	37.2	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2009	36.48	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	05-01-2010	35.5	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-05-2010	41.45	884.809
BLRPZ24	77.461	13.2	Madure[kanaswadi]	25-08-2010	41.25	884.809
BLRPZ21	77.231	13.175	Shivaganga	08-01-2000	5.66	934.318
BLRPZ21	77.231	13.175	Shivaganga	24-05-2000	6.86	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2000	5.94	934.318
BLRPZ21	77.231	13.175	Shivaganga	06-11-2000	3.46	934.318
BLRPZ21	77.231	13.175	Shivaganga	13-01-2001	5.042	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2001	5.54	934.318
BLRPZ21	77.231	13.175	Shivaganga	22-05-2002	3.89	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2002	7.14	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2002	6.48	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2003	6.97	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2003	8.18	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2003	8.43	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2003	6.68	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2004	7.98	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2004	8.88	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2004	4.22	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2005	5.25	934.318
BLRPZ21	77.231	13.175	Shivaganga	21-04-2005	-	934.318

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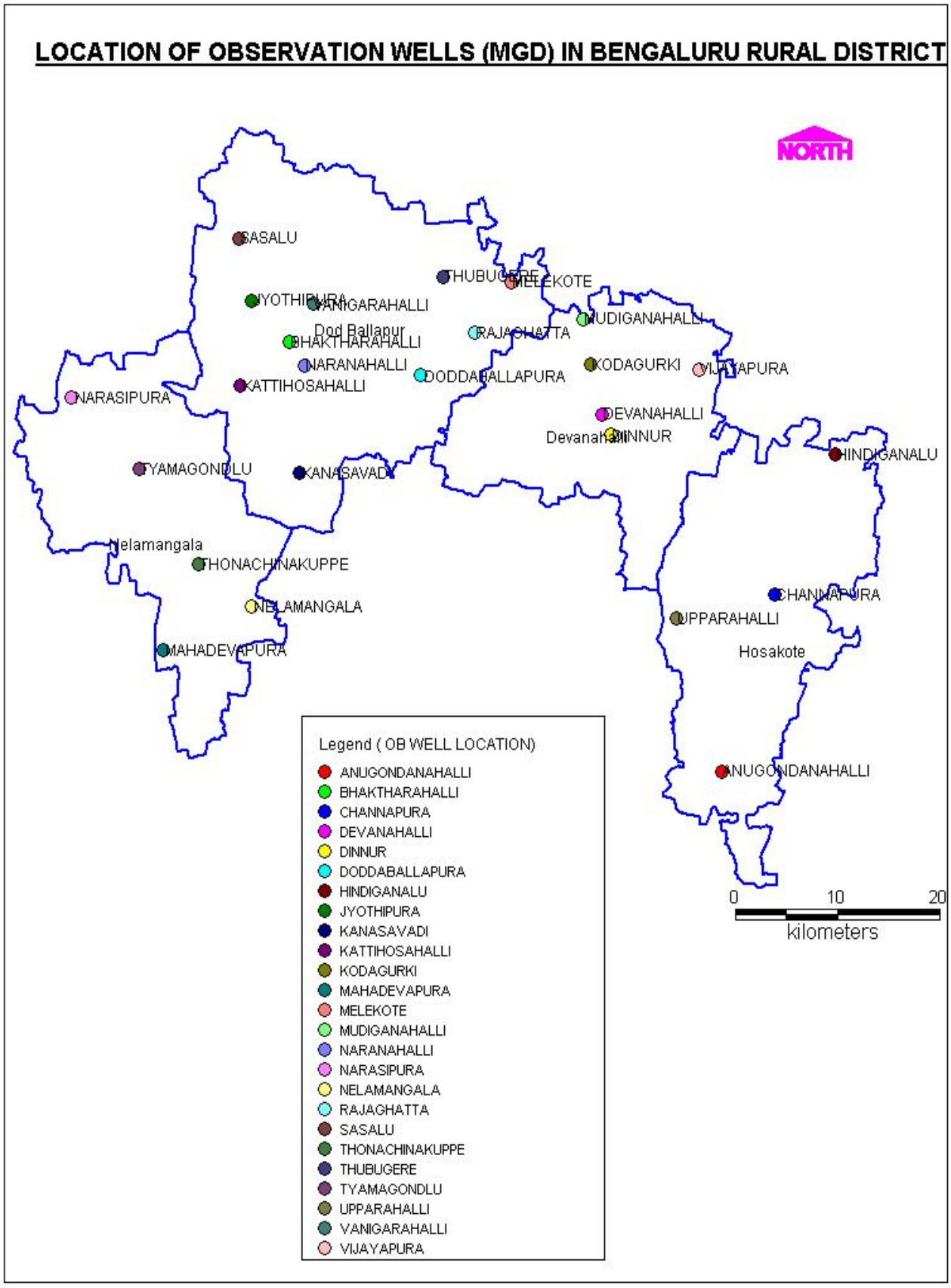
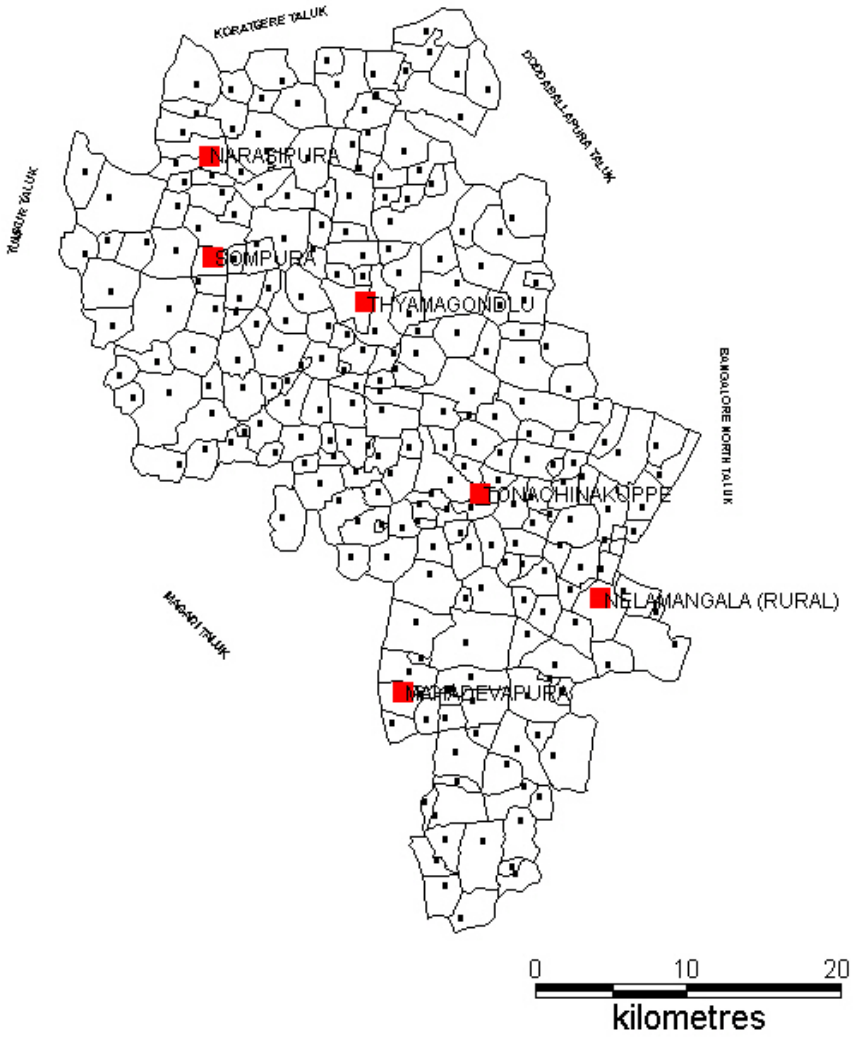
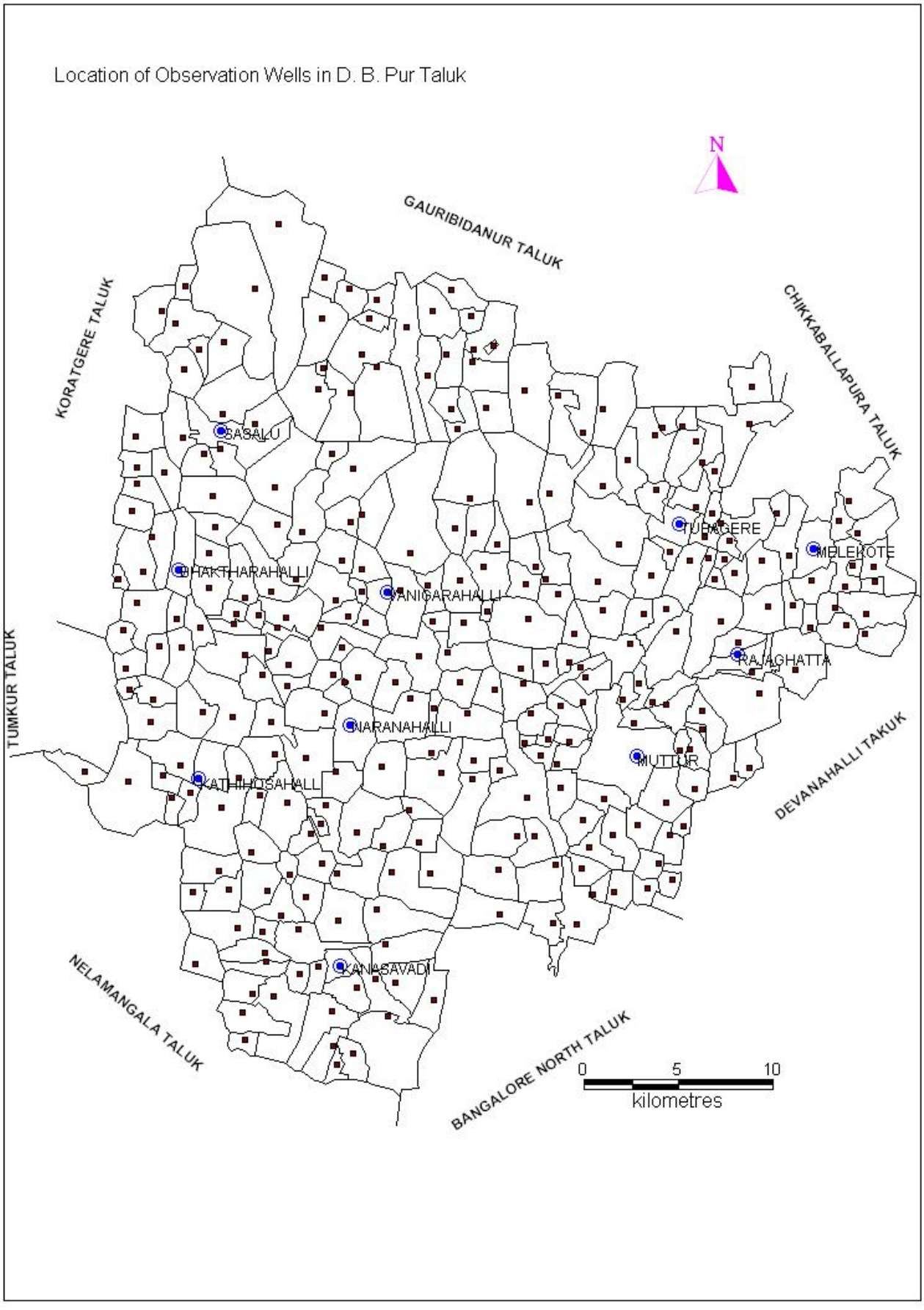
BLRPZ21	77.231	13.175	Shivaganga	25-08-2005	5.59	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2005	3.73	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2006	3.82	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2006	6.7	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2006	7	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2006	6.65	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2007	7	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2007	8.08	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2007	8.18	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2007	4.7	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2008	6.01	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2008	7.85	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2008	5.9	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-11-2008	3.59	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2009	4.58	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2009	6.89	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2009	6.73	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-11-2009	5.88	934.318
BLRPZ21	77.231	13.175	Shivaganga	05-01-2010	7.78	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-05-2010	9.09	934.318
BLRPZ21	77.231	13.175	Shivaganga	25-08-2010	8.61	934.318

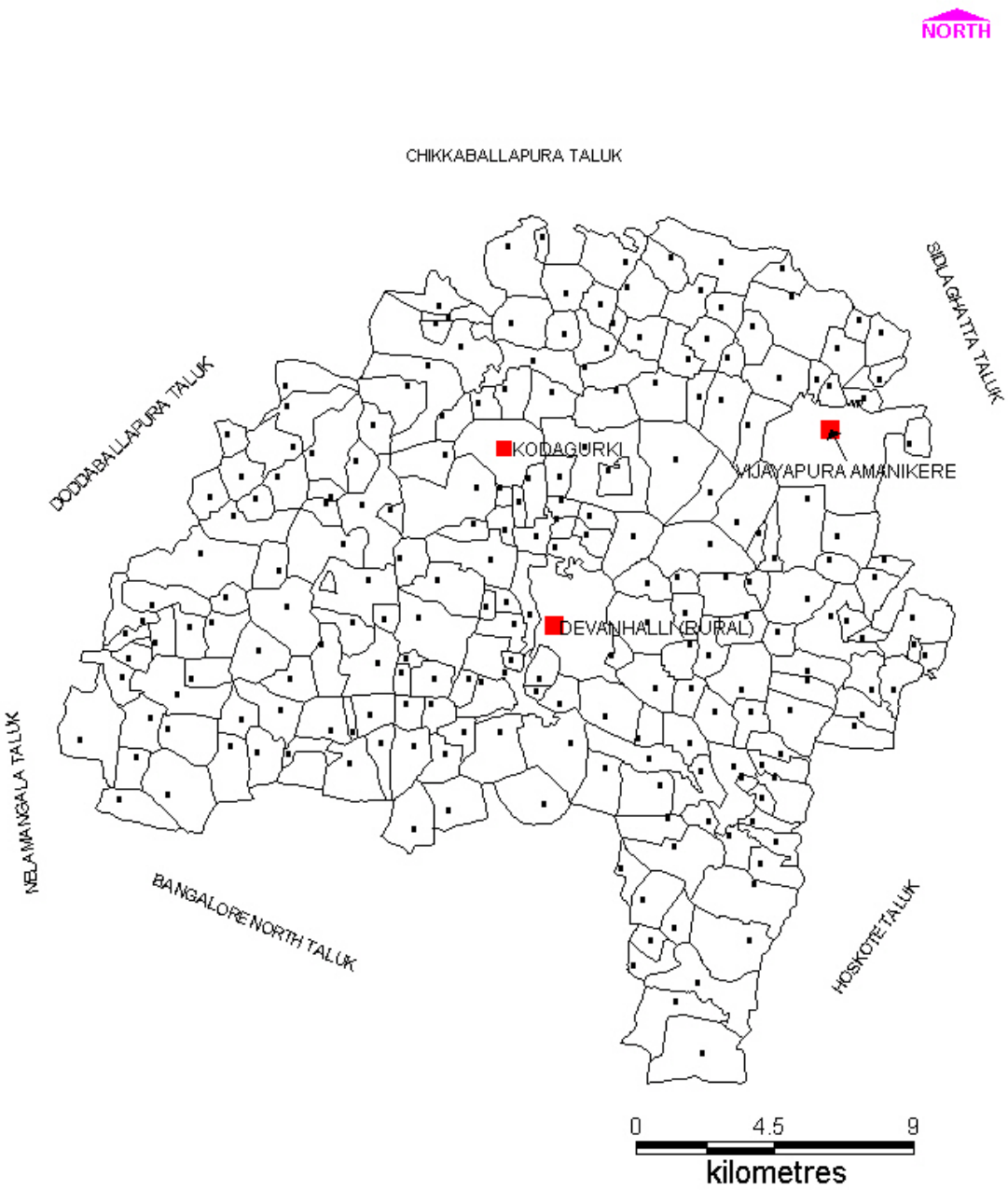

LOCATION OF OBSERVATION WELLS (MGD) IN BENGALURU RURAL DISTRICT
NORTH
SASALU
THUBUGERE
MELEKOTE
JYOTHIPURA
VANIGARAHALLI
MUDIGANAHALLI
Dod Ballapur
RAJAGHATTA
BHAKTHARAHALLI
NARANAHALLI
KODAGURKI
VIJAYAPURA
DODDABALLAPURA
KATTIHOSAHALLI
NARASIPURA
DEVANAHALLI
Devanahalli
DINNUR
HINDIGANALU
TYAMAGONDLU
KANASAVADI
Nelamangala
THONACHINAKUPPE
CHANNAPURA
NELAMANGALA
UPPARAHALLI
MAHADEVAPURA
Hosakote
ANUGONDANAHALLI
Legend (OB WELL LOCATION)
ANUGONDANAHALLI
BHAKTHARAHALLI
CHANNAPURA
DEVANAHALLI
DINNUR
DODDABALLAPURA
HINDIGANALU
JYOTHIPURA
KANASAVADI
KATTIHOSAHALLI
KODAGURKI
MAHADEVAPURA
MELEKOTE
MUDIGANAHALLI
NARANAHALLI
NARASIPURA
NELAMANGALA
RAJAGHATTA
SASALU
THONACHINAKUPPE
THUBUGERE
TYAMAGONDLU
UPPARAHALLI
VANIGARAHALLI
VIJAYAPURA
0
10
20
kilometers

Location of Observation Wells in Nelamangala Taluk

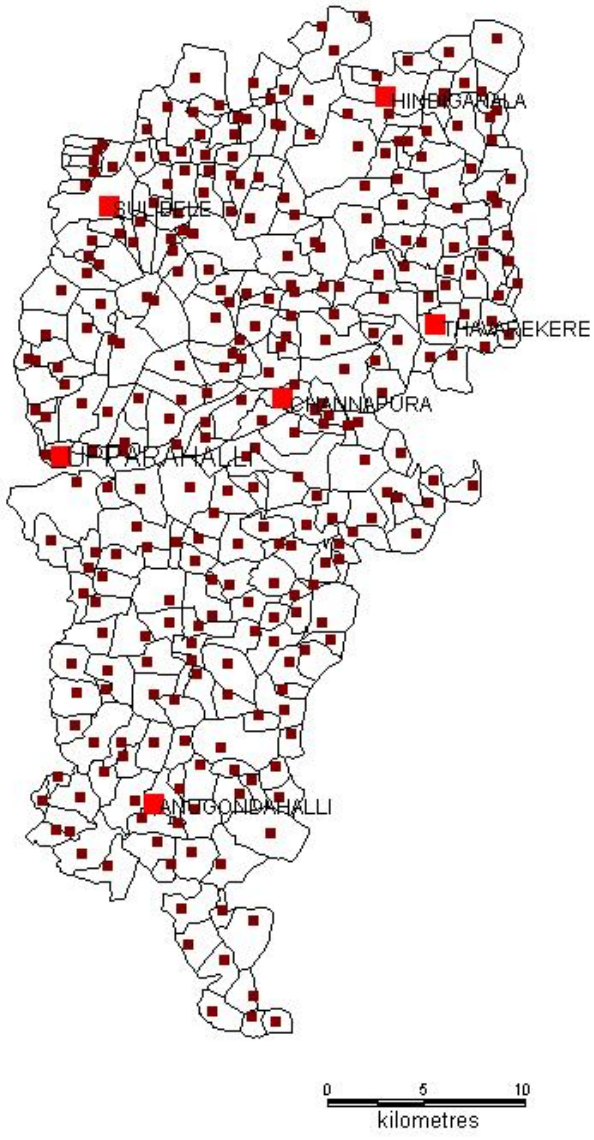



Location of Observation Wells in D. B. Pur Taluk
N
GAURIBIDANUR TALUK
KORATGERE TALUK
CHIKKABALLAPURA TALUK
SASALU
TUMKUR TALUK
BHAKTHARAHALLI
VANIGARAHALLI
TUMAGERE
MELEKOTE
RAJAGHATTA
NARANAHALLI
MUTTUR
KATHIHOSAHALLI
DEVANAHALLI TAKUK
KANASAVADI
NELAMANGALA TALUK
BANGALORE NORTH TALUK
0
5
10
kilometres

Location of Observation Wells in Devanahalli Taluk



Location of Observation Wells in Hosakote Taluk



NRDMS Centre : B.lore rural

OBSERVATION WELL DATA FOR THE YEAR OF 1999
(DEPARTMENT OF MINES AND GEOLOGY)

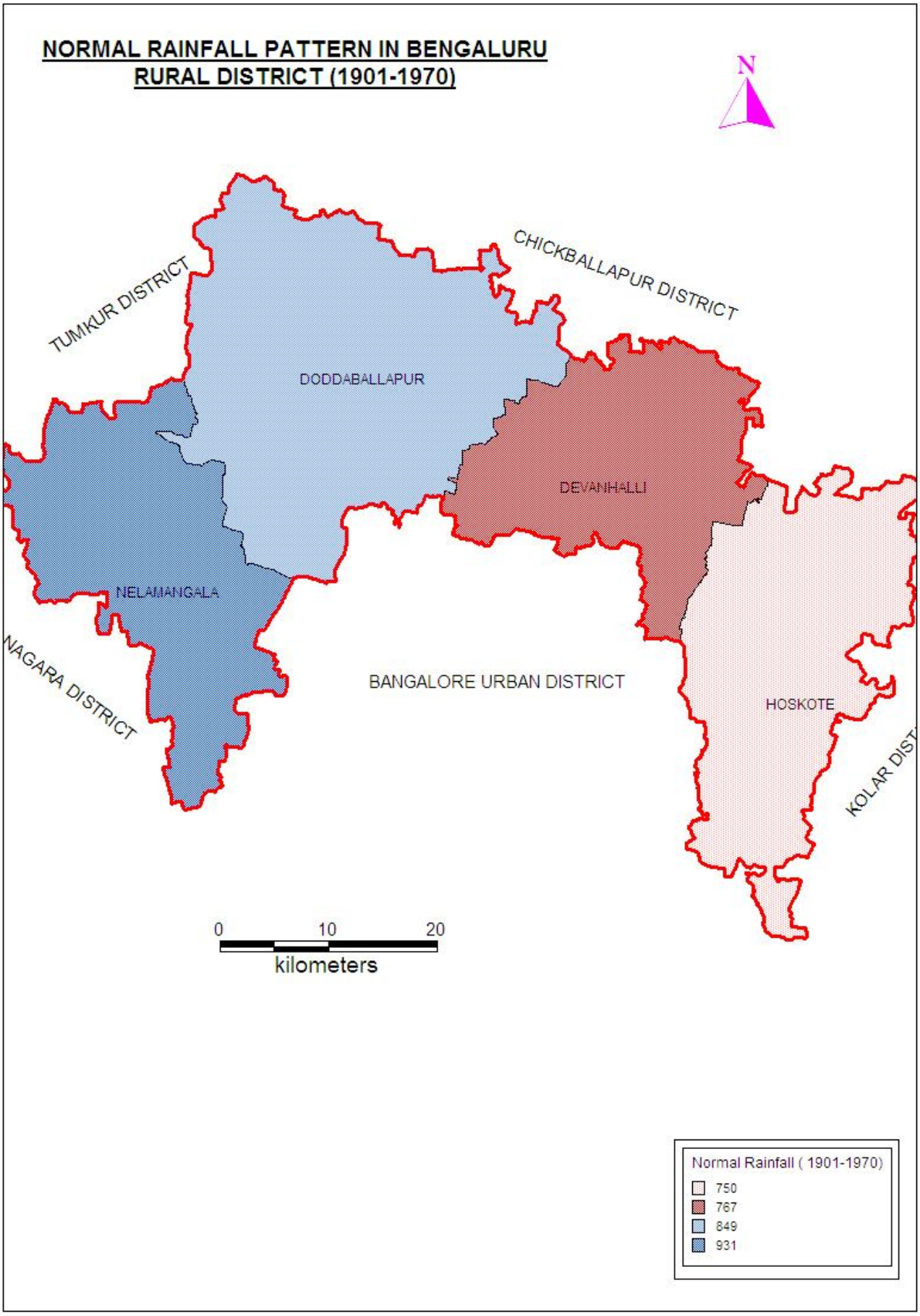
Sl No	TALUK /VILLAGE	DEPTH FROM GWL (MTRS)	WATER LEVEL (In Mtrs)			
			JAN	MAR	JULY	DEC
	DEVANAHALLI					
1	KODUGURKI (DW)	11.7	4.95	5.25	6.75	5.10
2	DINNUR (TW)	75	23.00	26.00	23.90	28.60
3	DEVANAHALLI (BTW)	19.8	-	-	-	-
4	KODUGURKI (TW)	90				
5	VIJAYAPURA (TW)	58				
6	JYOTHIPURA (TW)	64.2				
	DODDABALLAPURA					
7	BHAKTHARAHALLI (DW)	10.05	6.30	7.05	5.55	5.80
8	DODDABALLAPURA (BTW)	17.6	10.15	10.50	8.80	9.35
9	KANASAWADI (TW)	60	29.05	30.00	32.95	29.10
10	KATTE HOSAHALLI (TW)	36.6	-	-	-	-
11	MELEKOTE (TW)	58	13.05	13.50	14.75	14.05
12	NARANAHALLI (TW)	46	-	-	-	-
13	SASALU (BTW)	68	-	-	-	-
14	THUBUGERE (TW)	13.85	13.90	14.45	15.30	15.75
15	VANIGARAHALLI (TW)	46	22.35	2.40	28.40	23.60
16	RAJAGHATTA (BTW)	15.85	-	-	-	-
17	BHAKTHARAHALLI (TW)	61.5				
18	RAJAGHATTA (TW)	90				
	HOSKOTE					
19	ANUGONDANAHALLI (TW)	50	-	-	50.00	46.45
20	CHANNAPURA (BTW)	7.5	2.80	2.95	5.65	4.30
21	HINDIGANALA (TW)	73	25.10	26.60	24.35	23.80
22	SULIBELE (BTW)	56.5	-	-	-	-
23	THAVAREKERE (BTW)	9	2.20	3.00	3.85	3.50
24	UPPARAHALLI (TW)	72	-	-	-	11.70
25	THAVAREKERE (TW)	86				
26	CHANNAPURA (TW)	90				
	NELAMANGALA					
27	THONACHINAKUPPE (BTW)	7.05	-	-	-	-
28	SOMPURA (BTW)	15.75	13.00	14.00	14.05	12.80
29	MAHADEVPURA (DW)	14.05	4.85	8.70	9.35	5.60
30	NARSIPURA (TW)	7.4	16.75	17.50	17.55	19.00
31	NELAMANGALA (TW)	36	-	-	-	-
32	THAYMAGONDLU (BDW)	15.8	7.39	8.00	9.35	5.39
33	THONACHINAKUPPE (TW)	87				
34	THAYMAGONDLU (TW)	88				

OBSERVATION WELL DATA FOR THE YEAR OF 2001
(DEPARTMENT OF MINES AND GEOLOGY)

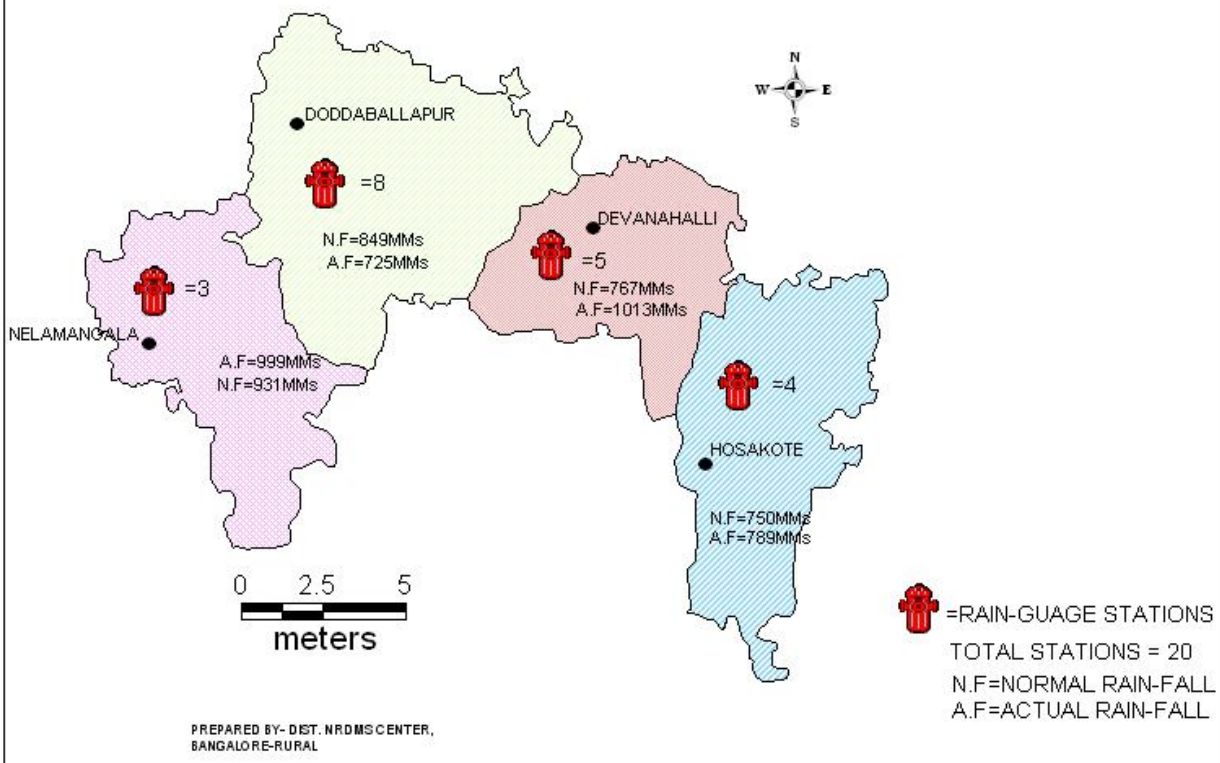
Sl No	TALUK /VILLAGE	DEPTH FROM GWL (MTRS)	WATER LEVEL (In Mtrs)			
			JAN	MAR	JULY	DEC
	DEVANAHALLI TALUK					
11	DINNUR (TW)	75	27.65	33.15	31.91	25.8
12	KODUGURKI (DW)	11.7	4	5.02	5.91	3.65
13	DEVANAHALLI (BTW)	43	20.5	25.98	20.9	16.95
14	KODUGURKI (TW)	90	3.13	6	3.68	2.77
15	VIJAYAPURA (TW)	58	22.87	25.2	22.33	19.25
16	JYOTHIPURA (TW)	64.2	7.3	10.5	11.3	9.05
	DODDABALLAPURA TALUK					
17	KANASAWADI (TW)	60	31.1	31.52	30.73	34.15
18	KATTE HOSAHALLI (TW)	36.6	-	-	-	17.55
19	MELEKOTE (TW)	58	12.25	14.1	13.86	14.1
20	NARANAHALLI (TW)	46	-	-	-	-
21	THUBUGERE (TW)	82.83	10.3	11.35	13.5	13.53
22	VANIGARAHALLI (TW)	46	-	24.75	22.77	23.05
23	RAJAGHATTA (BTW)	90	15.63	16.12	16.71	-
24	BHAKTHARAHALLI (DW)	10.05	3.6	8.3	7.15	2.1
25	DODDABALLAPURA (BTW)	58	-	7.4	4.15	27.4
26	SASALU (BTW)	8.6	2	3.4	4.02	3.7
27	BHAKTHARAHALLI (TW)	61.5	5.75	10.03	9.12	3.65
28	RAJAGHATTA (TW)	90	15.63	16.12	16.71	17.16
	HOSKOTE TALUK					
49	ANUGONDANAHALLI (TW)	50	43.05	39.75	40.17	39.45
50	CHANNAPURA (BTW)	90	4.73	7.94	8.31	-
51	HINDIGANALA (TW)	73	22.12	19.7	20.75	17.45
52	THAVAREKERE (BTW)	86	8.99	13.58	13.25	-
53	UPPARAHALLI (TW)	72	9.4	9.4	11.3	6.8
54	SULIBELE (BTW)	10.8	4.26	5.84	6.55	3.15
55	THAVAREKERE (TW)	86	8.99	13.58	13.25	7.45
56	CHANNAPURA (TW)	90	4.73	7.94	8.31	5.55
	NELAMANGALA					
73	THONACHINAKUPPE (BTW)	87	12.63	13.9	14.45	-
74	NARSIPURA (TW)	78.79	20.1	21.55	24.1	11.93
75	NELAMANGALA (TW)	36	-	-	-	-
76	SOMPURA (BTW)	15.75	11.8	12.65	13.25	10.9
77	MAHADEVPURA (DW)	14.05	2.3	4.3	4.32	5.45
78	THAYMAGONDLU (BDW)	15.8	4.5	9.67	10.01	9.95
79	THONACHINAKUPPE (TW)	87	12.63	13.9	14.45	13.52
80	THAYMAGONDLU (TW)	88		-		-

OBSERVATION WELL DATA FOR THE YEAR - 2010

Sl No	TALUK /VILLAGE	DEPTH FROM GWL (MTRS)	WATER LEVEL (In Mtrs)			
			JAN	MAR	JULY	DEC
	DEVANAHALLI TALUK					
1	DINNUR (TW)	75	46.1	47.1	48	43.5
2	DEVANAHALLI (BTW)	43	25	26.6	28.6	21.3
3	KODUGURKI (TW)	90	7.15	8.55	10.35	6.05
4	VIJAYAPURA (TW)	58	30.68	31.62	33.4	28.95
5	JYOTHIPURA (TW)	64.2	23.9	25.72	27.4	20.7
	DODDABALLAPURA TALUK					
6	KANASAWADI (TW)	60	41.35	42.74	44.65	39.46
7	KATTE HOSAHALLI (TW)	36.6	31.15	32.75	36.1	31.25
8	MELEKOTE (TW)	65	23.9	25.85	27.9	19.51
9	NARANAHALLI (TW)	50	23.2	24.47	27.6	25.58
10	THUBUGERE (TW)	82.83	35.55	36.85	38.35	28.82
11	VANIGARAHALLI (TW)	87	27.42	28.15	29.7	
12	RAJAGHATTA (BTW)	90	31.7	32.84	34.7	25
13	DODDABALLAPURA (BTW)	62.5	61.3	62.35	62.47	57
14	SASALU (BTW)	8.6	7.4	8.71	8.15	4.01
15	BHAKTHARAHALLI (TW)	61.5	11.4	12.9	16.4	11.51
	HOSKOTE TALUK					
16	ANUGONDANAHALLI (TW)	60	33.65	34.87	36.25	33.91
17	CHANNAPURA (BTW)	90	32.37	33.91	35.1	wet
18	HINDIGANALA (TW)	73	41.5	42.35	38.12	35.8
19	UPPARAHALLI (TW)	72	22.75	23.6	25.4	23.3
	NELAMANGALA					
20	THONACHINAKUPPE (BTW)	87	23.6	24.65	24.6	20.1
21	NARSIPURA (TW)	78.79	25.85	28.1	29.1	21.15
22	NELAMANGALA (TW)	36	wet	wet	wet	dry
23	SOMPURA (BTW)	15.75				
24	MAHADEVPURA (DW)	14.05	12.7	12.7	13	12.15
25	THAYMAGONDLU (DW)	15.8	9.35	10.77	10.54	6.5


NORMAL RAINFALL PATTERN IN BENGALURU RURAL DISTRICT (1901-1970)
N
TUMKUR DISTRICT
CHICKBALLAPUR DISTRICT
DODDABALLAPUR
DEVANHALLI
NELAMANGALA
NAGARA DISTRICT
BANGALORE URBAN DISTRICT
HOSKOTE
KOLAR DIST
0
10
20
kilometers
Normal Rainfall (1901-1970)
750
767
849
931

RAIN-GUAGE STATIONS OF BANGALORE-RURAL DISTRICT



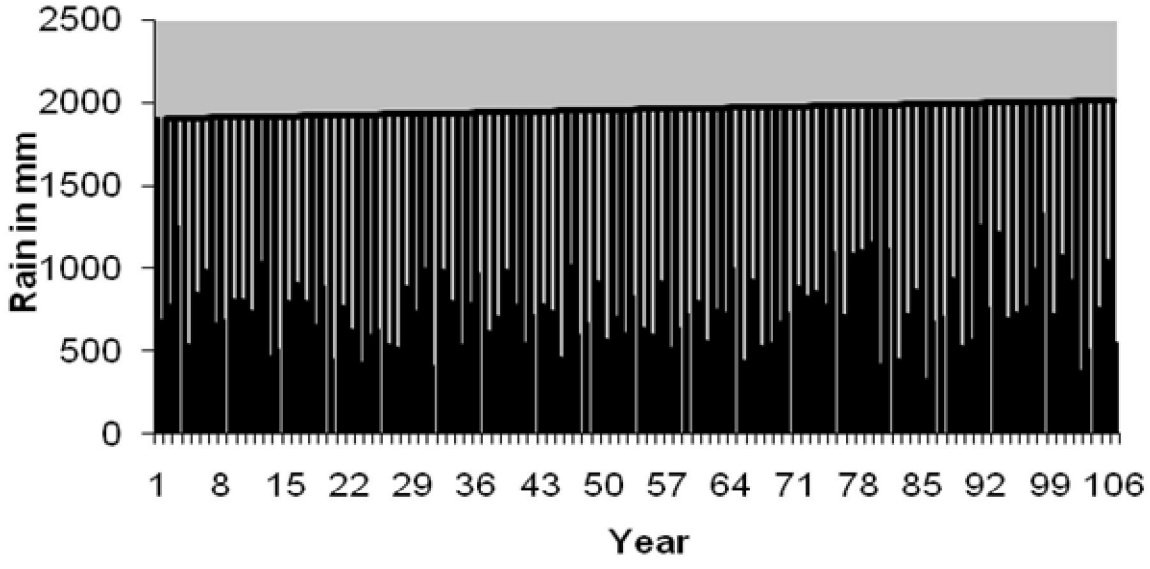
HISTORIC RAINFALL DETAILS OF ALL THE FOUR TALUKS

TALUK : DEVANAHALLI: DISTRIBUTION OF RAINFALL OVER 100 YEARS IN DEVANAHALLI TALUK		
RGSCODE	**YEAR**	**ANNUAL RAIN (MM**
020002	1901	687.5
020002	1902	782.3
020002	1903	1251.7
020002	1904	544.1
020002	1905	857.5
020002	1906	992.6
020002	1907	669.6
020002	1908	682.8
020002	1909	813.7
020002	1910	813.7
020002	1911	745.9
020002	1912	1038.9
020002	1913	472.1
020002	1914	511.6
020002	1915	803.5
020002	1916	912.5
020002	1917	800.5
020002	1918	661.0
020002	1919	894.6
020002	1920	446.2
020002	1921	774.1
020002	1922	629.1
020002	1923	428.7
020002	1924	601.4
020002	1925	629.8
020002	1926	541.8
020002	1927	519.0
020002	1928	895.8
020002	1929	741.4
020002	1930	998.8
020002	1931	409.1
020002	1932	988.3
020002	1933	800.4
020002	1934	536.3
020002	1935	797.3
020002	1936	968.0
020002	1937	621.7
020002	1938	710.1

RGSCODE	YEAR	ANNUAL RAIN (MM)
020002	1939	991.5
020002	1940	784.7
020002	1941	551.5
020002	1942	715.7
020002	1943	783.4
020002	1944	747.9
020002	1945	464.9
020002	1946	1019.7
020002	1947	600.2
020002	1948	663.1
020002	1949	920.9
020002	1950	572.1
020002	1951	703.3
020002	1952	611.6
020002	1953	830.7
020002	1954	632.5
020002	1955	601.1
020002	1956	925.1
020002	1957	517.1
020002	1958	636.1
020002	1959	730.3
020002	1960	799.8
020002	1961	560.1
020002	1962	753.8
020002	1963	732.7
020002	1964	1004.2
020002	1965	442.4
020002	1966	926.6
020002	1967	534.2
020002	1968	550.4
020002	1969	674.0
020002	1970	738.1
020002	1971	895.1
020002	1972	831.8
020002	1973	859.9
020002	1974	785.5
020002	1975	1097.4
020002	1976	712.7
020002	1977	1083.6
020002	1978	1110.3
020002	1979	1154.5
020002	1980	422.4
020002	1981	1115.6

RGSCODE	YEAR	ANNUAL RAIN (MM)
020002	1982	452.3
020002	1983	726.6
020002	1984	874.4
020002	1985	331.8
020002	1986	679.2
020002	1987	703.8
020002	1988	945.8
020002	1989	529.4
020002	1990	573.0
020002	1991	1261.8
020002	1992	766.4
020002	1993	1216.5
020002	1994	692.0
020002	1995	730.4
020002	1996	770.1
020002	1997	1004.6
020002	1998	1329.0
020002	1999	729.6
020002	2000	1078.4
020002	2001	930.0
020002	2002	386.0
020002	2003	512.0
020002	2004	767.0
020002	2005	1046.0
020002	2006	549.0
020002	2007	1013.0
020002	2008	926.0

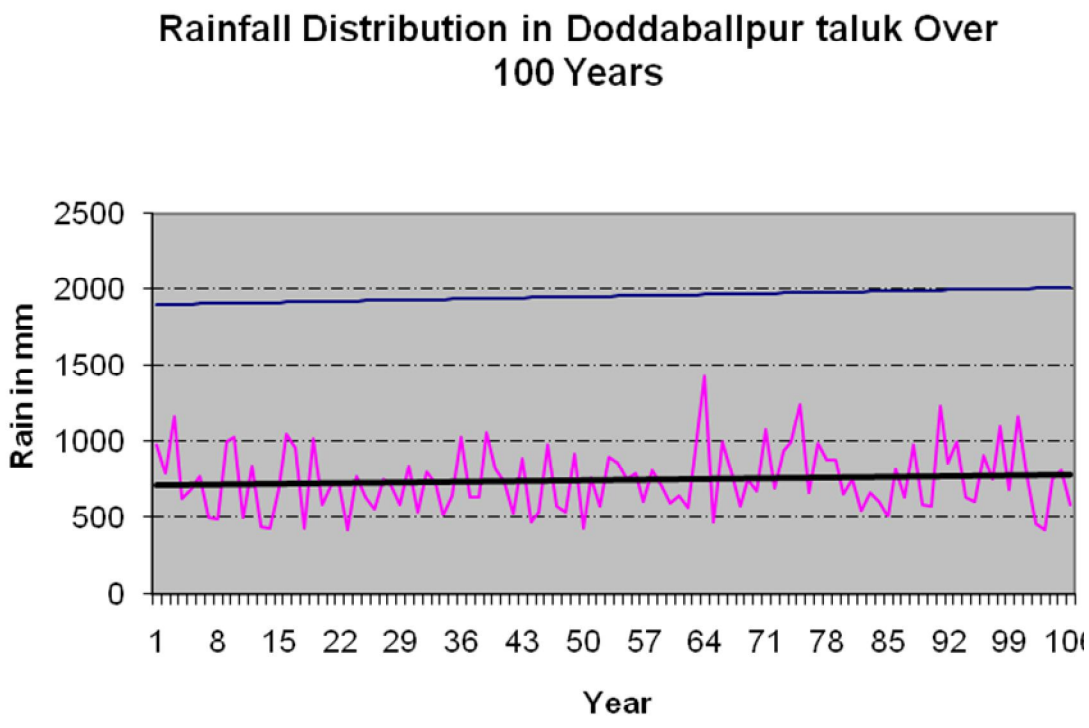
Rainfall Data Over 100 Years in Devanahalli taluk



TALUK : DODDABALLAPUR DISTRIBUTION OF RAINFALL OVER 100 YEARS IN DODDABALLAPUR TALUK		
RGSCODE	**YEAR**	**ANNUAL RAIN (MM)**
020003	1901	981.2
020003	1902	791.3
020003	1903	1167.3
020003	1904	624.0
020003	1905	692.1
020003	1906	776.2
020003	1907	499.0
020003	1908	493.3
020003	1909	1000.7
020003	1910	1026.8
020003	1911	499.1
020003	1912	847.9
020003	1913	446.6
020003	1914	429.9
020003	1915	692.2
020003	1916	1048.9
020003	1917	958.9
020003	1918	432.2
020003	1919	1017.7
020003	1920	584.9
020003	1921	718.3
020003	1922	734.6
020003	1923	426.3
020003	1924	779.2
020003	1925	634.9
020003	1926	565.3
020003	1927	760.1
020003	1928	712.7
020003	1929	585.1
020003	1930	843.2
020003	1931	540.6
020003	1932	808.4
020003	1933	724.4
020003	1934	522.5
020003	1935	647.2
020003	1936	1028.2
020003	1937	641.4
020003	1938	639.7
020003	1939	1062.0
020003	1940	822.5

RGSCODE	YEAR	ANNUAL RAIN (MM)
020003	1941	737.8
020003	1942	529.5
020003	1943	894.9
020003	1944	471.4
020003	1945	539.3
020003	1946	977.2
020003	1947	579.6
020003	1948	540.9
020003	1949	921.3
020003	1950	437.5
020003	1951	766.8
020003	1952	576.6
020003	1953	906.6
020003	1954	867.0
020003	1955	751.2
020003	1956	792.8
020003	1957	605.4
020003	1958	809.7
020003	1959	719.1
020003	1960	600.2
020003	1961	650.5
020003	1962	569.3
020003	1963	946.9
020003	1964	1428.2
020003	1965	471.9
020003	1966	999.7
020003	1967	804.9
020003	1968	575.4
020003	1969	758.5
020003	1970	678.9
020003	1971	1079.5
020003	1972	698.3
020003	1973	940.2
020003	1974	998.0
020003	1975	1241.5
020003	1976	669.2
020003	1977	985.0
020003	1978	886.5
020003	1979	879.2
020003	1980	662.4
020003	1981	756.5
020003	1982	555.4
020003	1983	672.3

RGSCODE	YEAR	ANNUAL RAIN (MM)
020003	1984	609.4
020003	1985	512.6
020003	1986	823.5
020003	1987	637.9
020003	1988	978.3
020003	1989	593.1
020003	1990	576.3
020003	1991	1230.0
020003	1992	862.0
020003	1993	994.5
020003	1994	640.3
020003	1995	609.9
020003	1996	908.2
020003	1997	757.0
020003	1998	1101.3
020003	1999	691.6
020003	2000	1166.2
020003	2001	771.0
020003	2002	463.0
020003	2003	424.0
020003	2004	752.0
020003	2005	817.0
020003	2006	590.0
020003	2007	725.0
020003	2008	1146.0

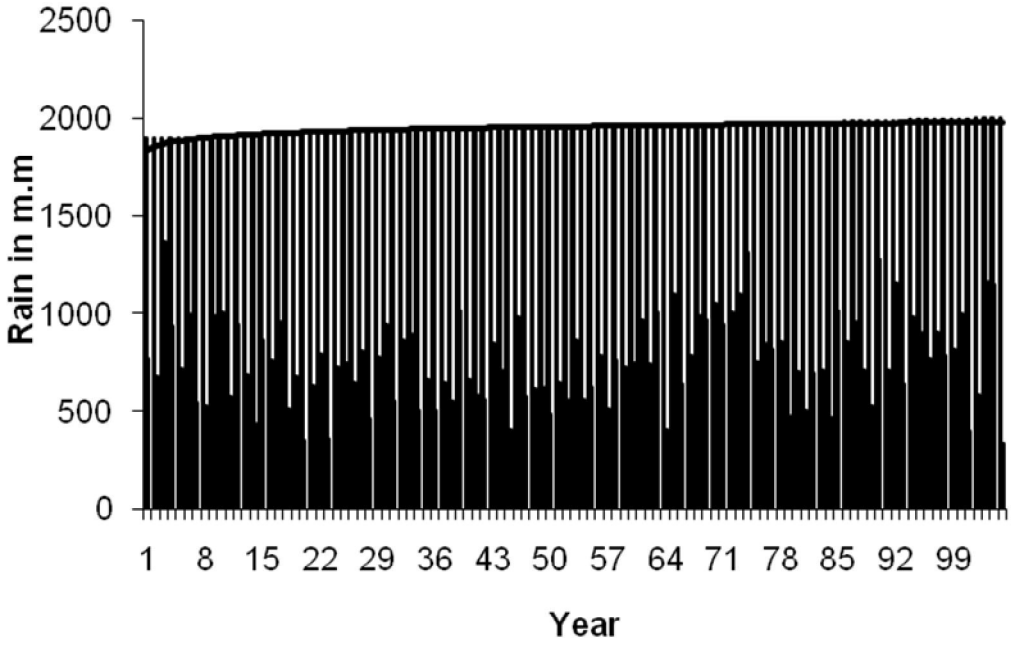


BANGALORE RURAL DISTRICT – HOSAKOTE TALUK DISTRIBUTION OF RAINFALL OVER 100 YEARS IN HOSAKOTE TALUK		
RGSCODE	**YEAR**	**ANNUAL RAIN (MM)**
020004	1901	772.7
020004	1902	679.0
020004	1903	1370.2
020004	1904	937.6
020004	1905	720.8
020004	1906	1005.2
020004	1907	550.4
020004	1908	533.0
020004	1909	999
020004	1910	1008.2
020004	1911	583.5
020004	1912	945.8
020004	1913	687.3
020004	1914	438.7
020004	1915	873.6
020004	1916	767.8
020004	1917	960.4
020004	1918	516.9
020004	1919	677.9
020004	1920	350.5
020004	1921	632.0
020004	1922	803.2
020004	1923	362.2
020004	1924	729.9
020004	1925	751.6
020004	1926	648.7
020004	1927	812.1
020004	1928	462.0
020004	1929	780.2
020004	1930	945.6
020004	1931	560.3
020004	1932	870.1
020004	1933	902.3
020004	1934	510.7
020004	1935	663.7
020004	1936	509.3
020004	1937	647.6
020004	1938	553.4
020004	1939	1022.7
020004	1940	667.2

RGSCODE	YEAR	ANNUAL RAIN (MM)
020004	1941	586.9
020004	1942	564.2
020004	1943	855.1
020004	1944	711.7
020004	1945	403.8
020004	1946	985.0
020004	1947	583.2
020004	1948	615.9
020004	1949	626.7
020004	1950	483.1
020004	1951	648.2
020004	1952	566.2
020004	1953	867.2
020004	1954	563.3
020004	1955	625.7
020004	1956	791.3
020004	1957	517.5
020004	1958	769.2
020004	1960	730.0
020004	1961	753.6
020004	1962	974.2
020004	1963	747.9
020004	1964	1011.0
020004	1965	406.2
020004	1966	1107.7
020004	1967	643.0
020004	1968	788.8
020004	1969	995.4
020004	1970	973.2
020004	1971	1056.0
020004	1972	946.8
020004	1973	1008.5
020004	1974	1101.7
020004	1975	1314.8
020004	1976	760.3
020004	1977	856.6
020004	1978	819.4
020004	1979	860.7
020004	1980	480.8
020004	1981	706.8
020004	1982	509.0
020004	1983	694.8
020004	1984	710.1

RGSCODE	YEAR	ANNUAL RAIN (MM)
020004	1985	467.7
020004	1986	1015.9
020004	1987	865.2
020004	1988	964.1
020004	1989	710.4
020004	1990	529.4
020004	1991	1280.3
020004	1992	715.3
020004	1993	1157.3
020004	1994	643.0
020004	1995	990.5
020004	1996	911.2
020004	1997	776.4
020004	1998	905.8
020004	1999	790.5
020004	2000	819.6
20004	2001	1002.0
20004	2002	396.0
20004	2003	589.0
20004	2004	1171.0
20004	2005	1149.0
20004	2006	340.0
20004	2007	789.0
20004	2008	1120.0

Rainfall Pattern over 100 years in Hosakote Taluk

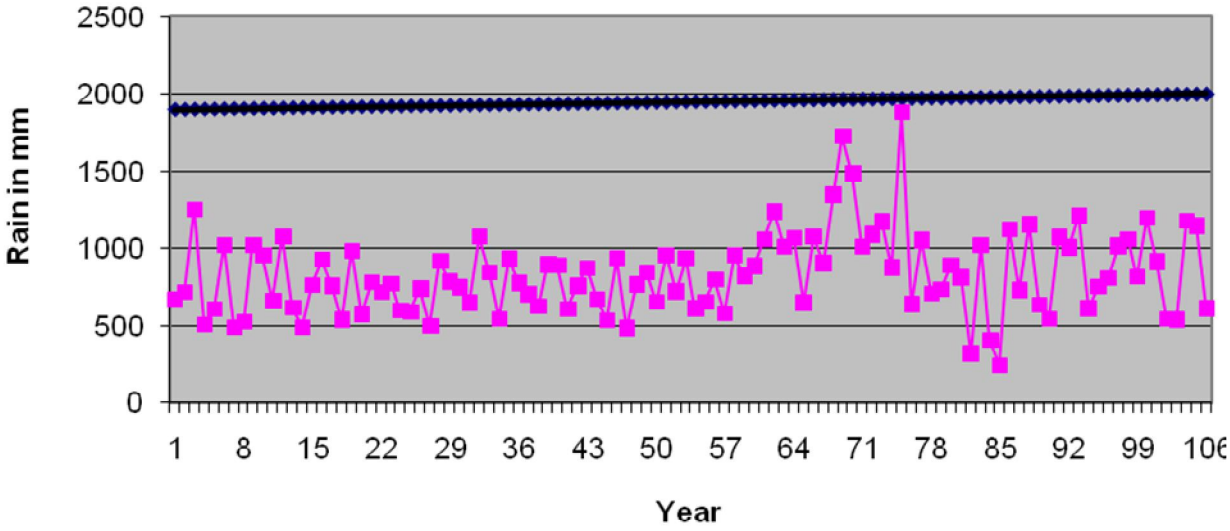


BANGALORE RURAL DISTRICT – NELAMANGALA TALUK DISTRIBUTION OF RAINFALL OVER 100 YEARS IN NELAMANGALA TALUK		
RGSCODE	**YEAR**	**ANNUAL RAIN (MM)**
020007	1901	670.9
020007	1902	720.7
020007	1903	1250.9
020007	1904	510.7
020007	1905	609.1
020007	1906	1021.5
020007	1907	489.2
020007	1908	526.3
020007	1909	1022.3
020007	1910	956.2
020007	1911	663.4
020007	1912	1077.8
020007	1913	617.6
020007	1914	491.5
020007	1915	763.9
020007	1916	928.3
020007	1917	758.5
020007	1918	539.3
020007	1919	985.2
020007	1920	577.0
020007	1921	780.9
020007	1922	719.6
020007	1923	774.3
020007	1924	597.5
020007	1925	591.1
020007	1926	742.6
020007	1927	497.6
020007	1928	922.2
020007	1929	785.4
020007	1930	752.5
020007	1931	651.9
020007	1932	1074.9
020007	1933	849.3
020007	1934	546.0
020007	1935	932.0
020007	1936	780.0
020007	1937	705.6
020007	1938	626.6
020007	1939	898.0
020007	1940	890.8

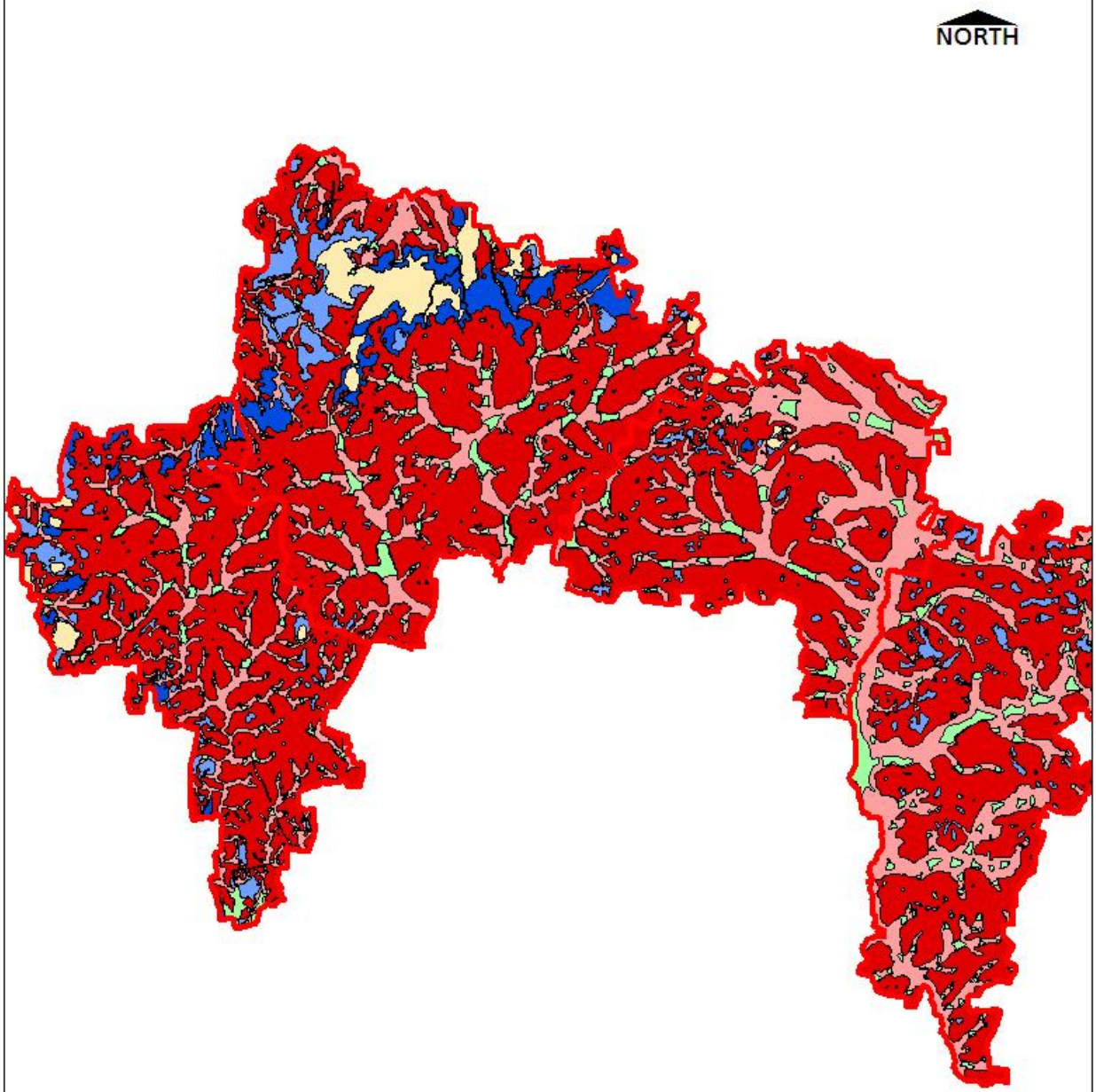
RGSCODE	YEAR	ANNUAL RAIN (MM)
020007	1941	610.0
020007	1942	760.8
020007	1943	875.4
020007	1944	675.1
020007	1945	538.1
020007	1946	936.0
020007	1947	483.9
020007	1948	769.5
020007	1949	849.2
020007	1950	652.8
020007	1951	957.9
020007	1952	724.6
020007	1953	936.0
020007	1954	614.9
020007	1955	655.9
020007	1956	800.0
020007	1957	580.5
020007	1958	954.6
020007	1959	824.3
020007	1960	887.5
020007	1961	1059.7
020007	1962	1234.2
020007	1963	1012.8
020007	1964	1067.5
020007	1965	650.1
020007	1966	1074.5
020007	1967	905.5
020007	1968	1343.7
020007	1969	1725.3
020007	1970	1481.1
020007	1971	1011.5
020007	1972	1089.9
020007	1973	1169.7
020007	1974	876.9
020007	1975	1878.6
020007	1976	639.5
020007	1977	1052.0
020007	1978	710.3
020007	1979	737.9
020007	1980	892.9
020007	1981	816.3
020007	1982	320.2
020007	1983	1020.9

RGSCODE	YEAR	ANNUAL RAIN (MM)
020007	1984	406.4
020007	1985	245.0
020007	1986	1122.6
020007	1987	732.8
020007	1988	1151.7
020007	1989	636.1
020007	1990	543.6
020007	1991	1072.5
020007	1992	1008.2
020007	1993	1206.3
020007	1994	612.8
020007	1995	757.4
020007	1996	809.6
020007	1997	1015.9
020007	1998	1055.8
020007	1999	818.3
020007	2000	1192.3
020007	2001	916.0
020007	2002	547.0
020007	2003	539.0
020007	2004	1174.0
020007	2005	1145.0
020007	2006	614.0
020007	2007	999.0

Distribution of Rain in Nelamangala Taluk Over 100 Years



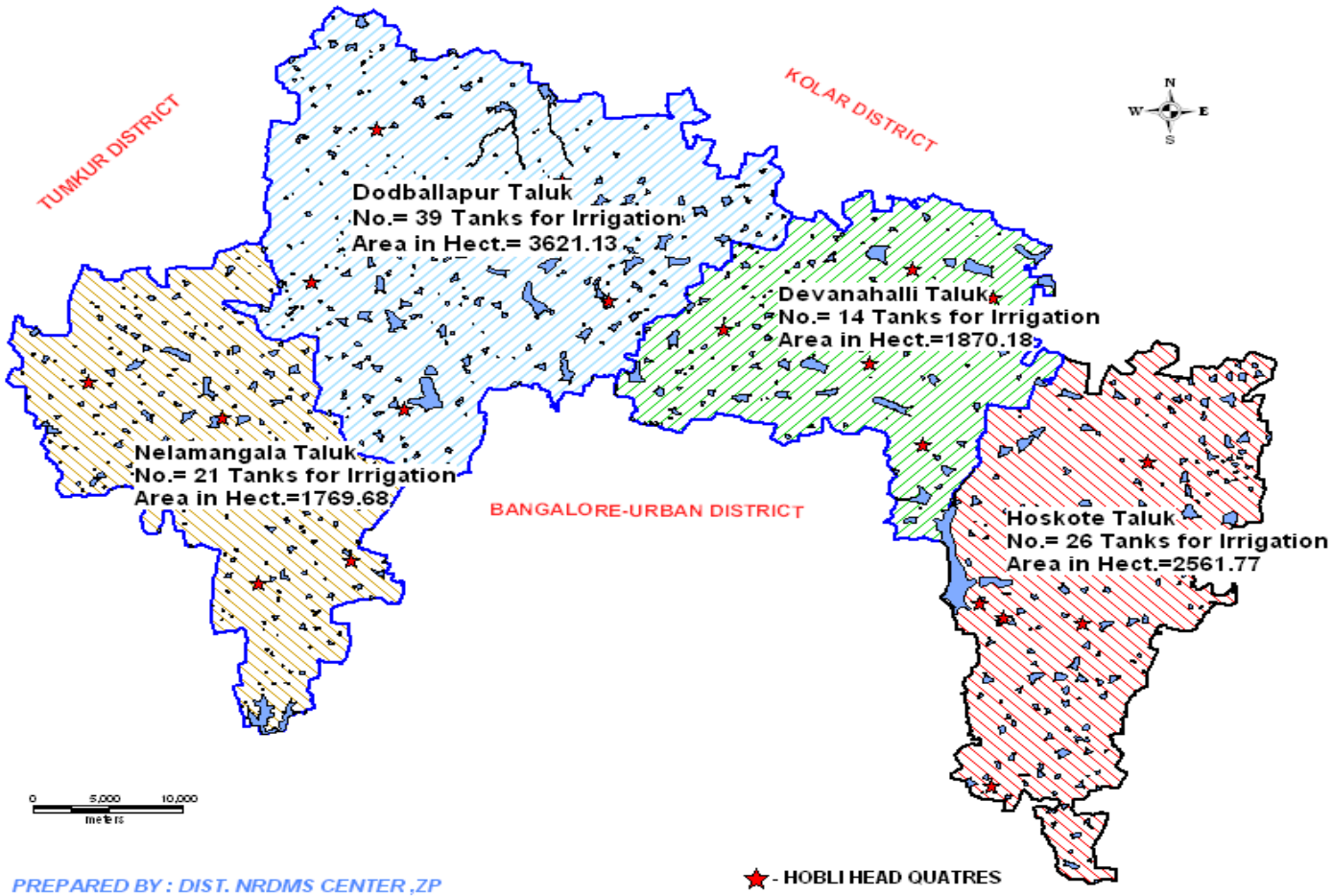
GROUND WATER POTENTIAL MAP OF BENGALURU RURAL DISTRICT



Source : Mines & Geology/KSRSAC

Water Potential	
Good	(76)
Moderate	(113)
Moderate to Poor	(270)
Poor	(27)
Poor to Nil	(66)
Very good to good	(1)
Water Body Mask	(811)

TANKS OF BANGALORE -RURAL DISTRICT WITH TALUK WISE DATA



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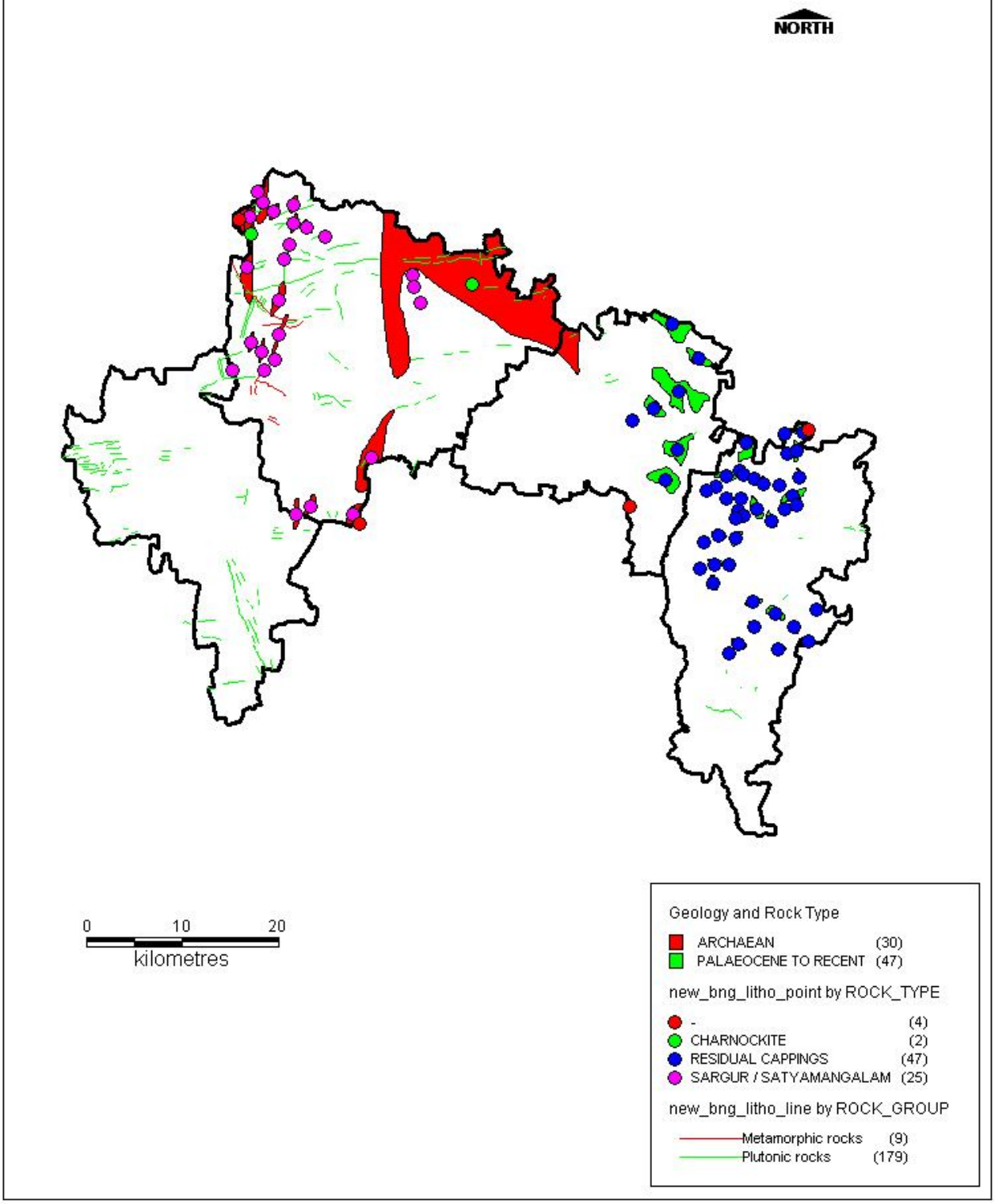
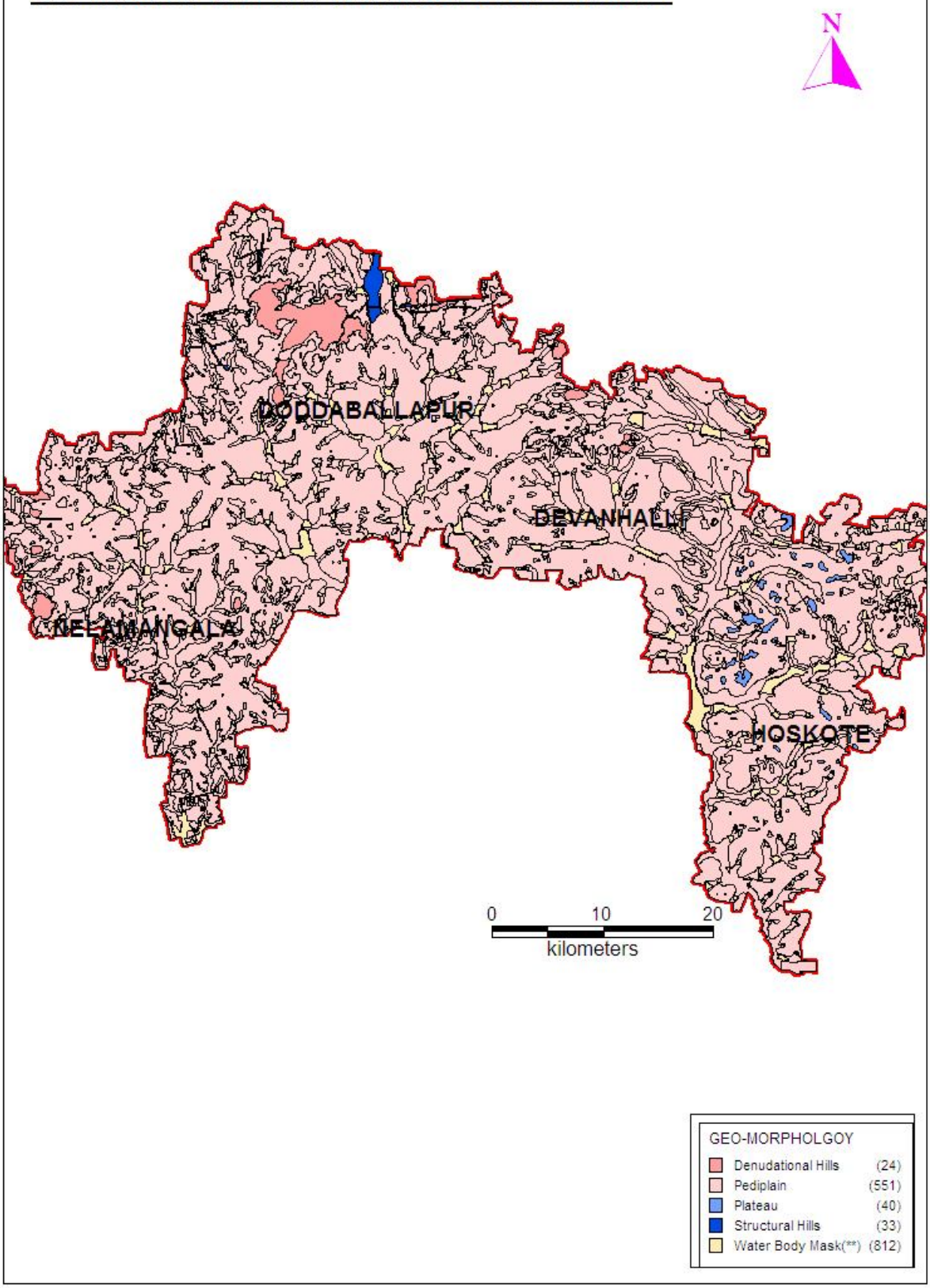
BANGALORE-RURAL DISTRICT.

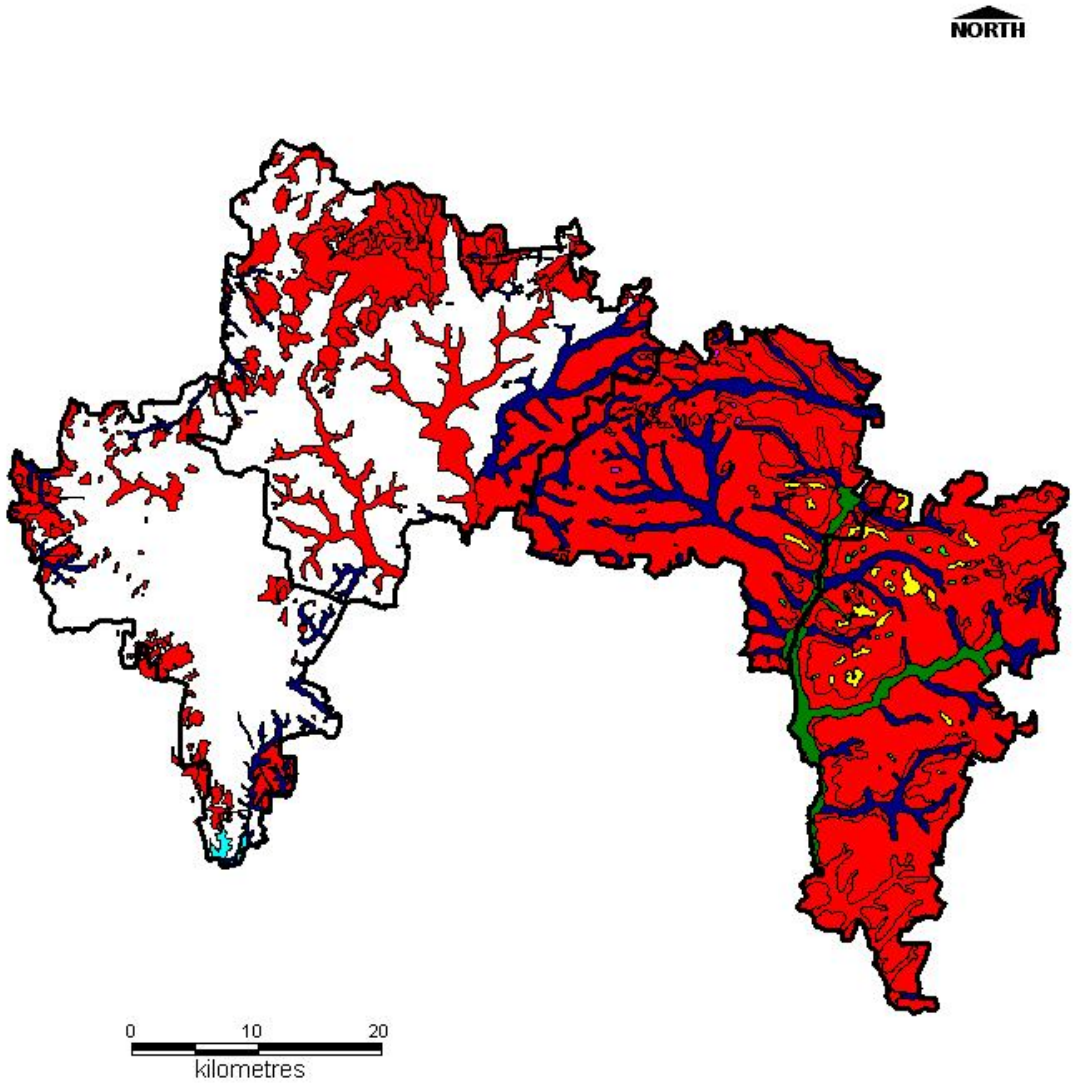
Geological and Rocks in Bengaluru Rural District



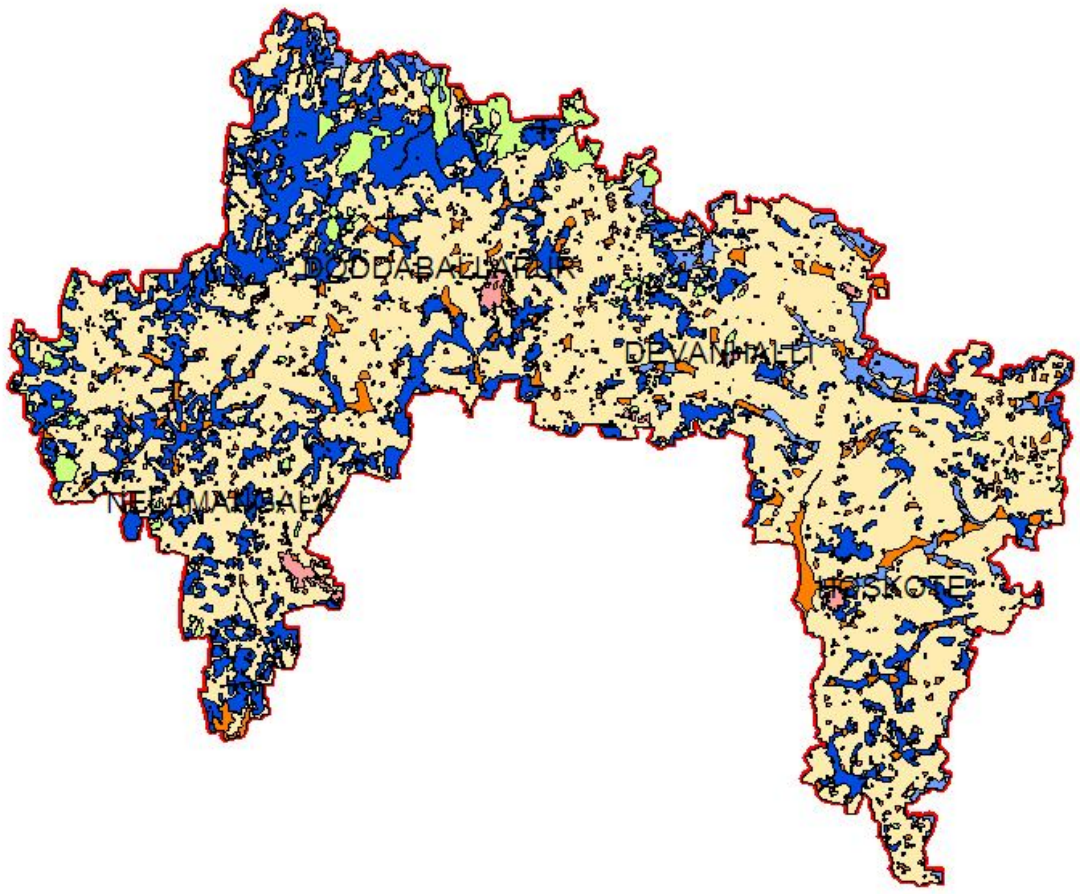
GEO MORPHALOGY IN BENGALAURU RURAL DISTRICT



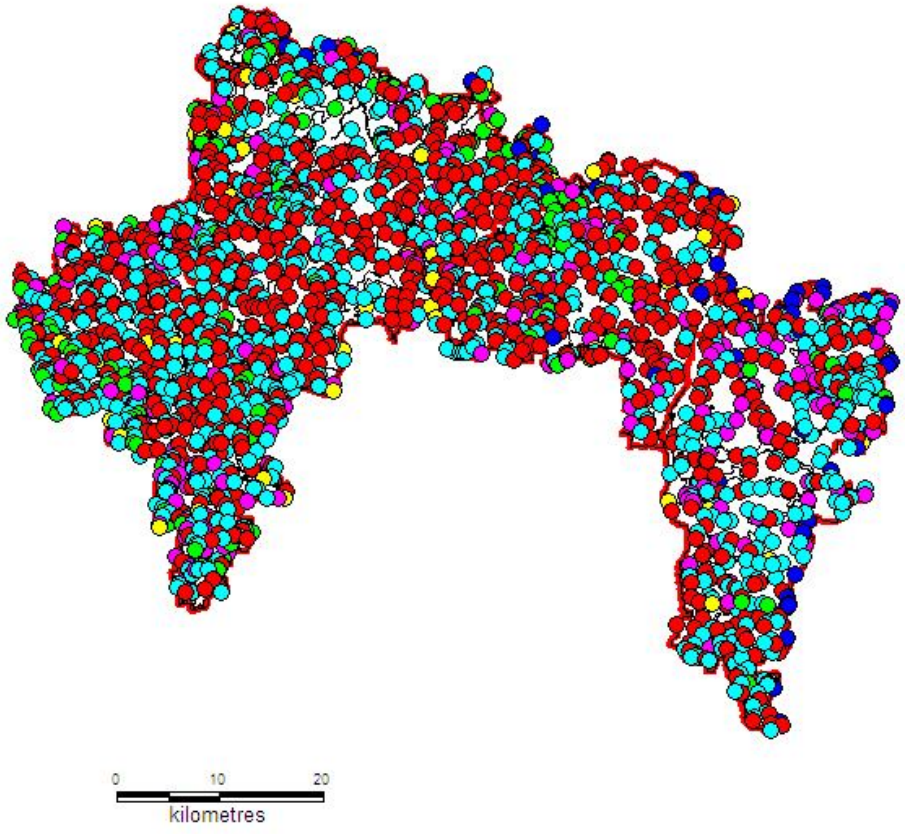
Geo-Morphological Map of Bengaluru Rural District



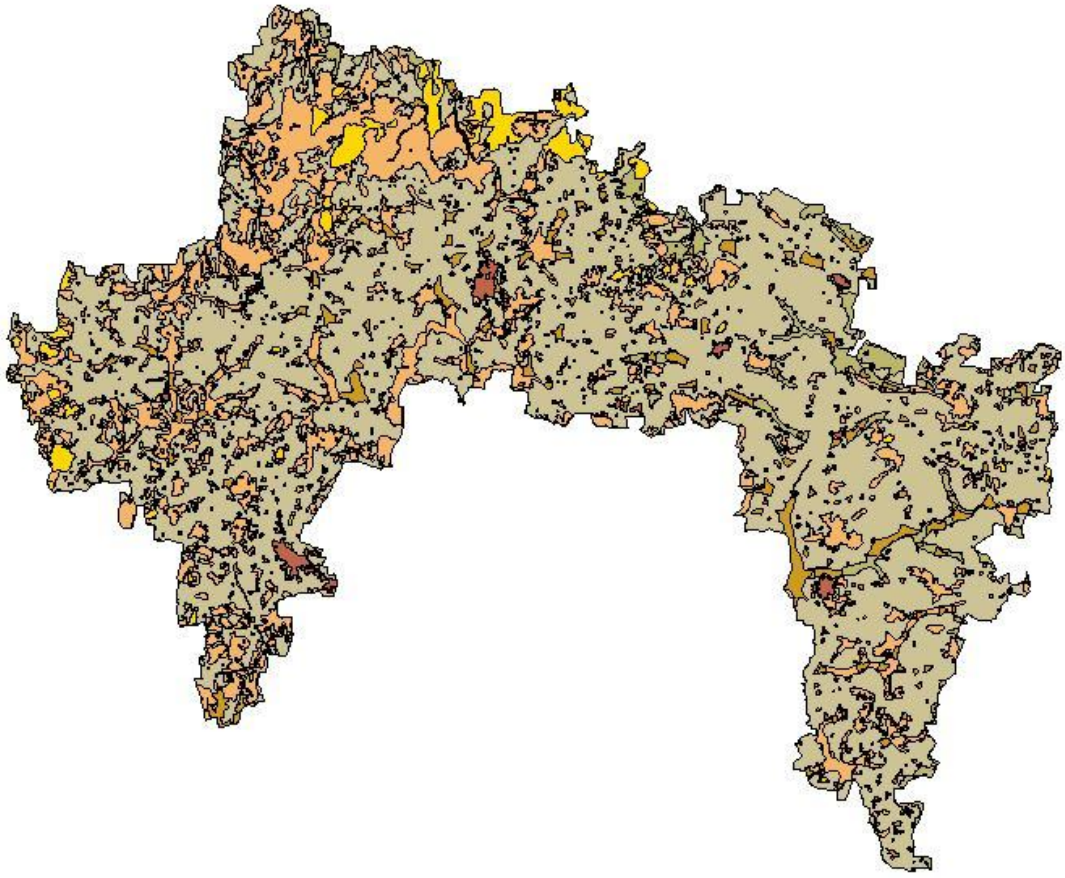
HYDRO-GEOMORPHALOGY AND RUNOFF RELATIONSHIP MAP
BENGALURU RURAL DISTRICT



HYDRO-SOIL-RUNOFF RELATION POINT (HABITATION) DETAILS IN BENGALURU RURAL DISTRICT

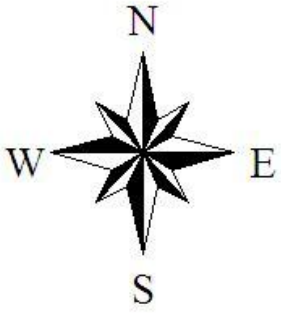


HYDRO-GEOMORPHALOGICAL MAP OF BENGALURU RURAL DISTRICT

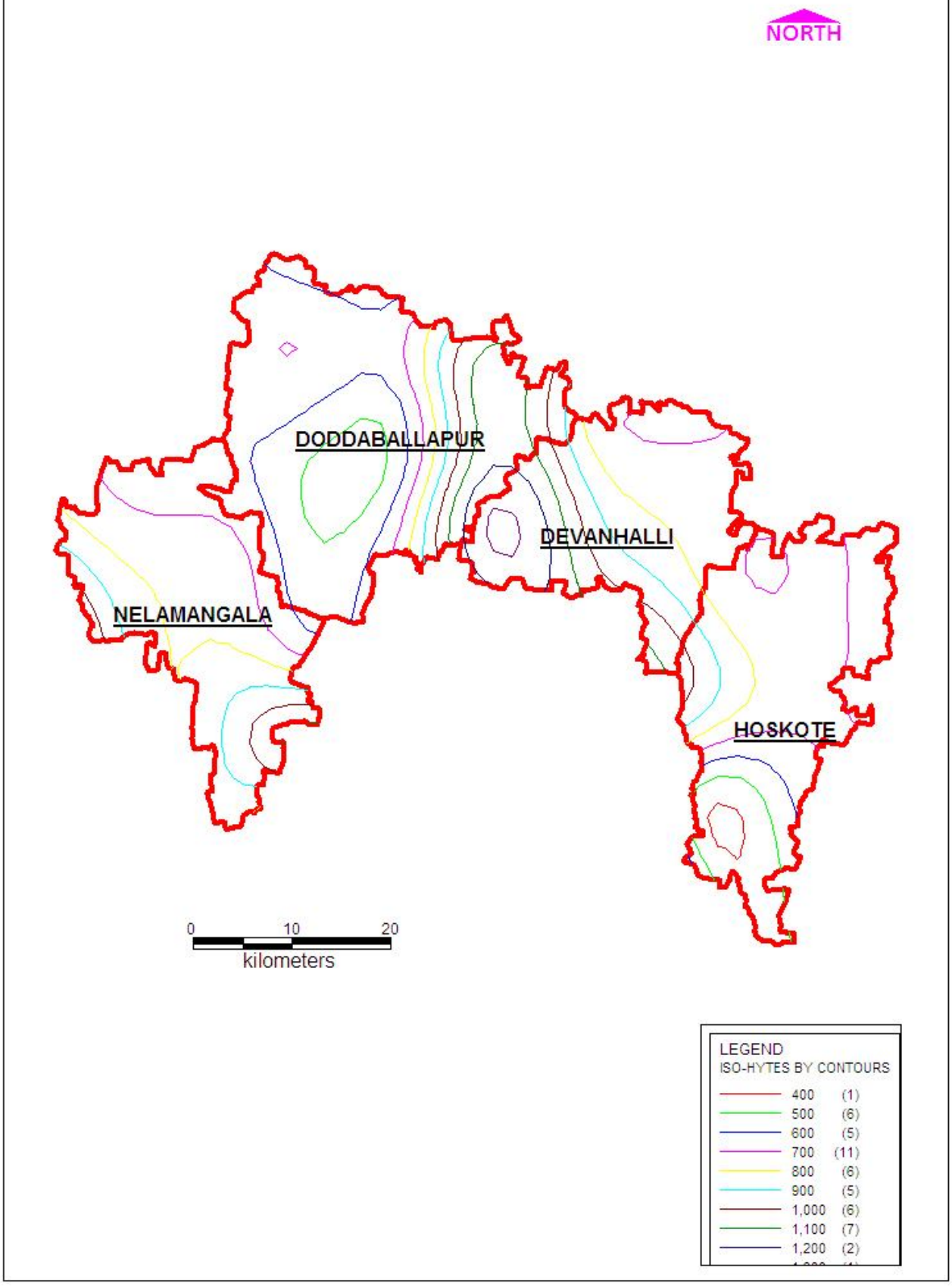


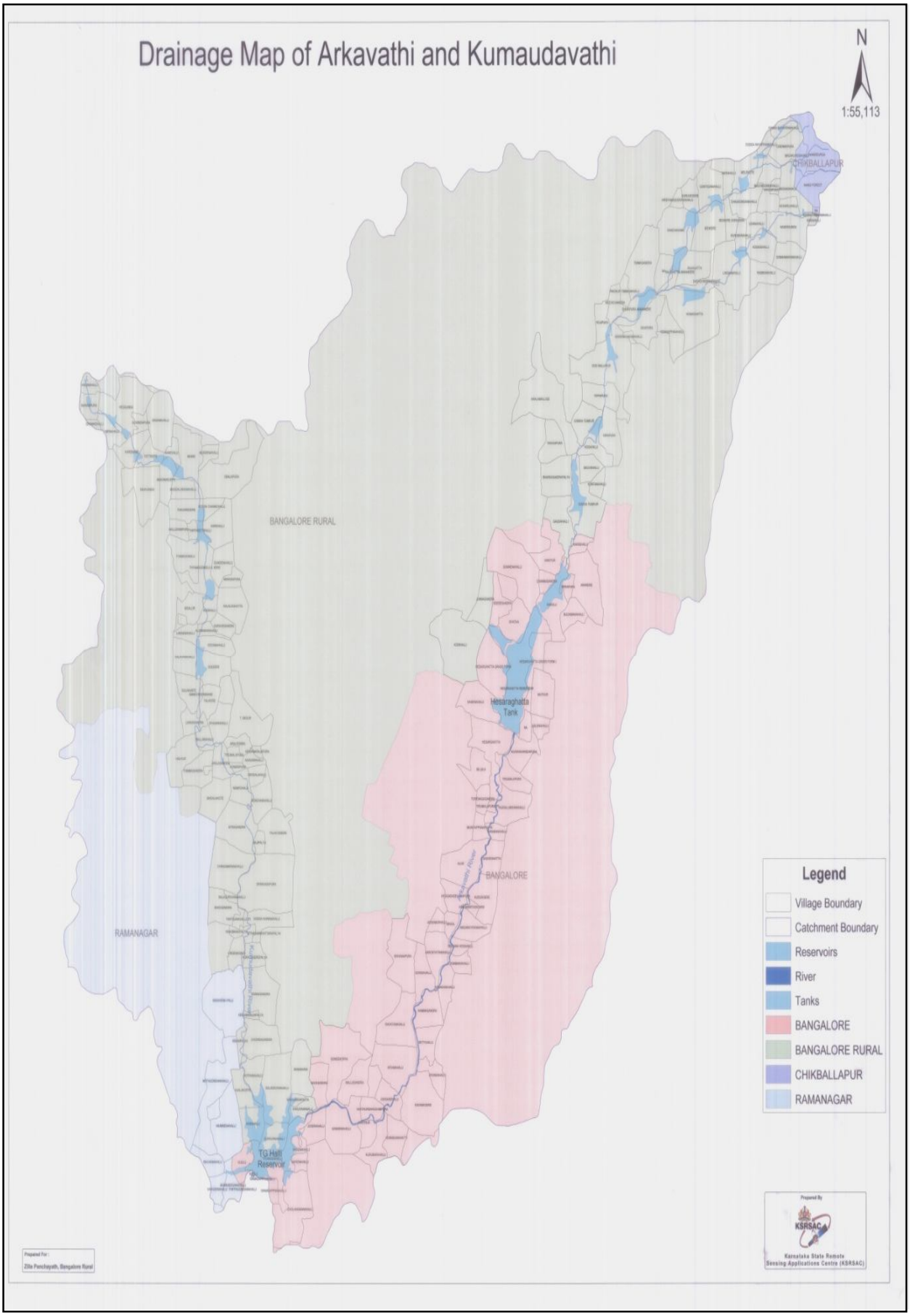
Hydro-soil-poly.shp

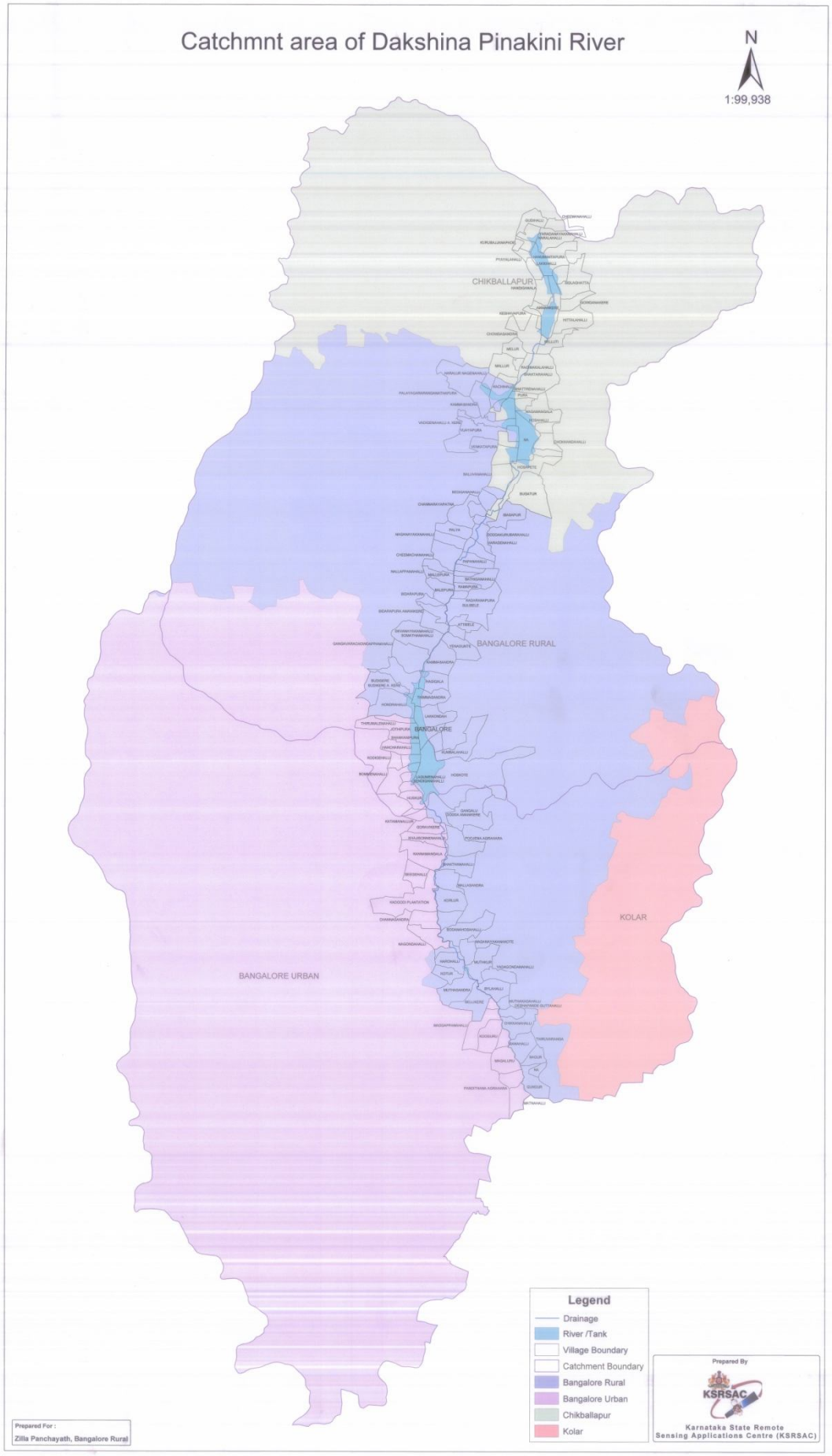
- Habitation Mask
- Highest
- Low
- Moderately High
- Moderately Low
- Water Body Mask

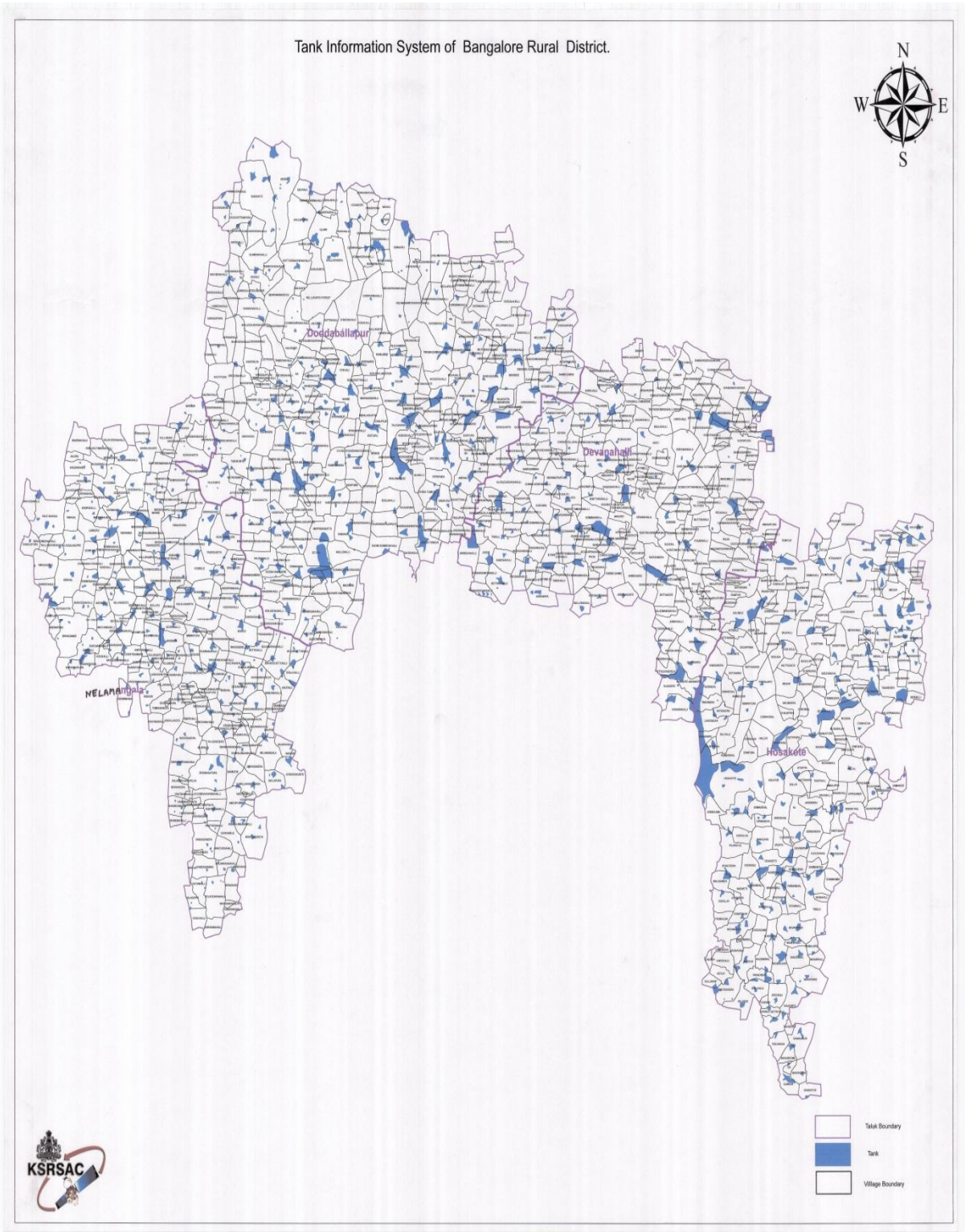


ISO-HYTES BY CONTOURS IN BENGALURU RURAL DISTRICT

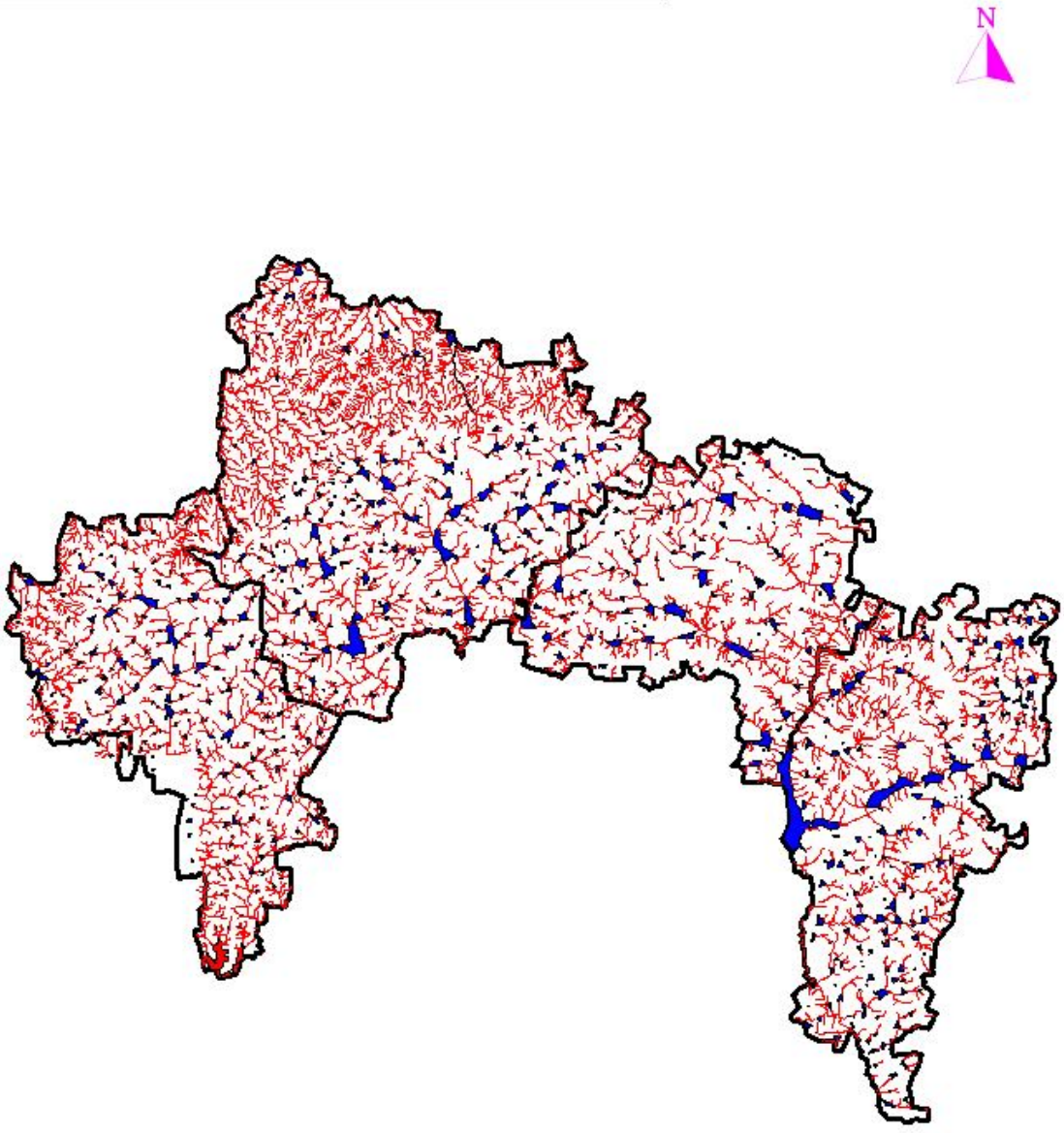



Drainage Map of Arkavathi and Kumaudavathi
N
1:55,113
CHIKBALLAPUR
BANGALORE RURAL
Hesaraghatta Tank
BANGALORE
RAMANAGAR
TG Halli Reservoir
Legend
Village Boundary
Catchment Boundary
Reservoirs
River
Tanks
BANGALORE
BANGALORE RURAL
CHIKBALLAPUR
RAMANAGAR
KSRSAC
Karnataka State Remote Sensing Applications Centre (KSRSAC)

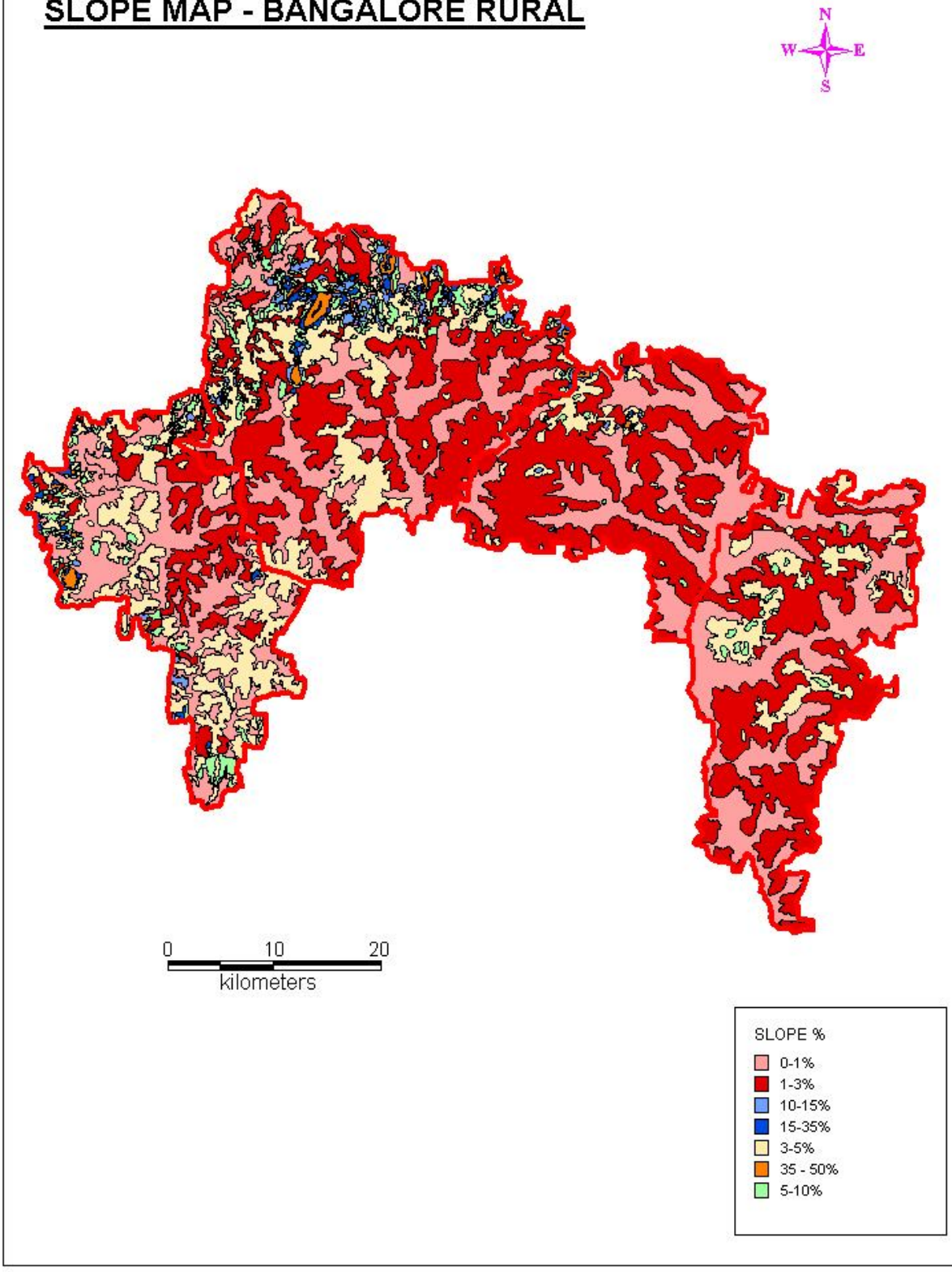

Catchmnt area of Dakshina Pinakini River
N
1:99,938
CHIKBALLAPUR
BANGALORE RURAL
BANGALORE
BANGALORE URBAN
KOLAR
Legend
Drainage
River /Tank
Village Boundary
Catchment Boundary
Bangalore Rural
Bangalore Urban
Chikballapur
Kolar
Prepared For :
Zilla Panchayath, Bangalore Rural
Prepared By
KSRSAC
Karnataka State Remote Sensing Applications Centre (KSRSAC)


Tank Information System of Bangalore Rural District.
N
W
E
S
Doddaballapur
Devanahalli
Nelamangala
Hosakote
KSRSAC
Taluk Boundary
Tank
Village Boundary

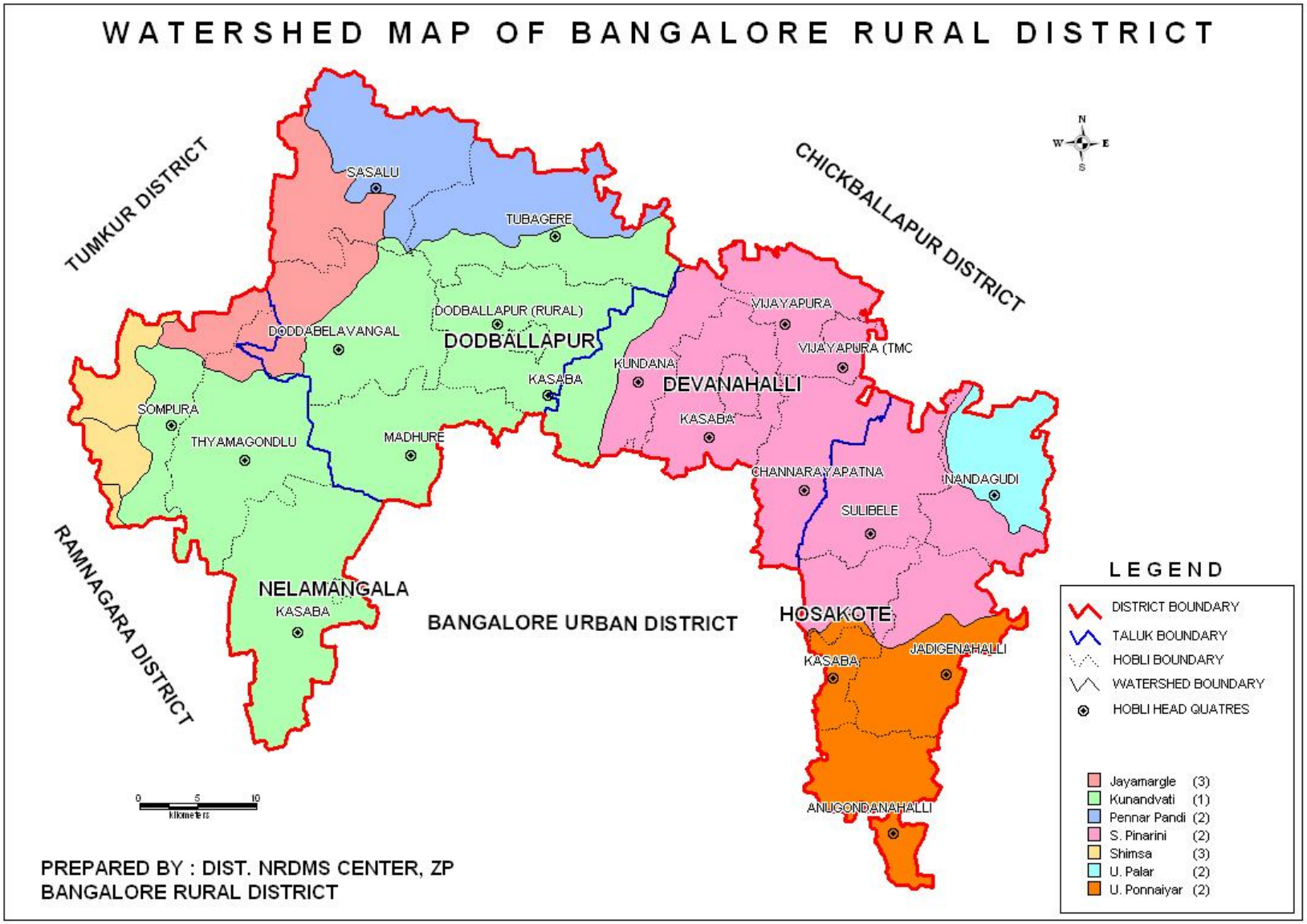
Drainage and Tanks Network in Bengaluru Rural District



SLOPE MAP - BANGALORE RURAL



WATERSHED MAP OF BANGALORE RURAL DISTRICT



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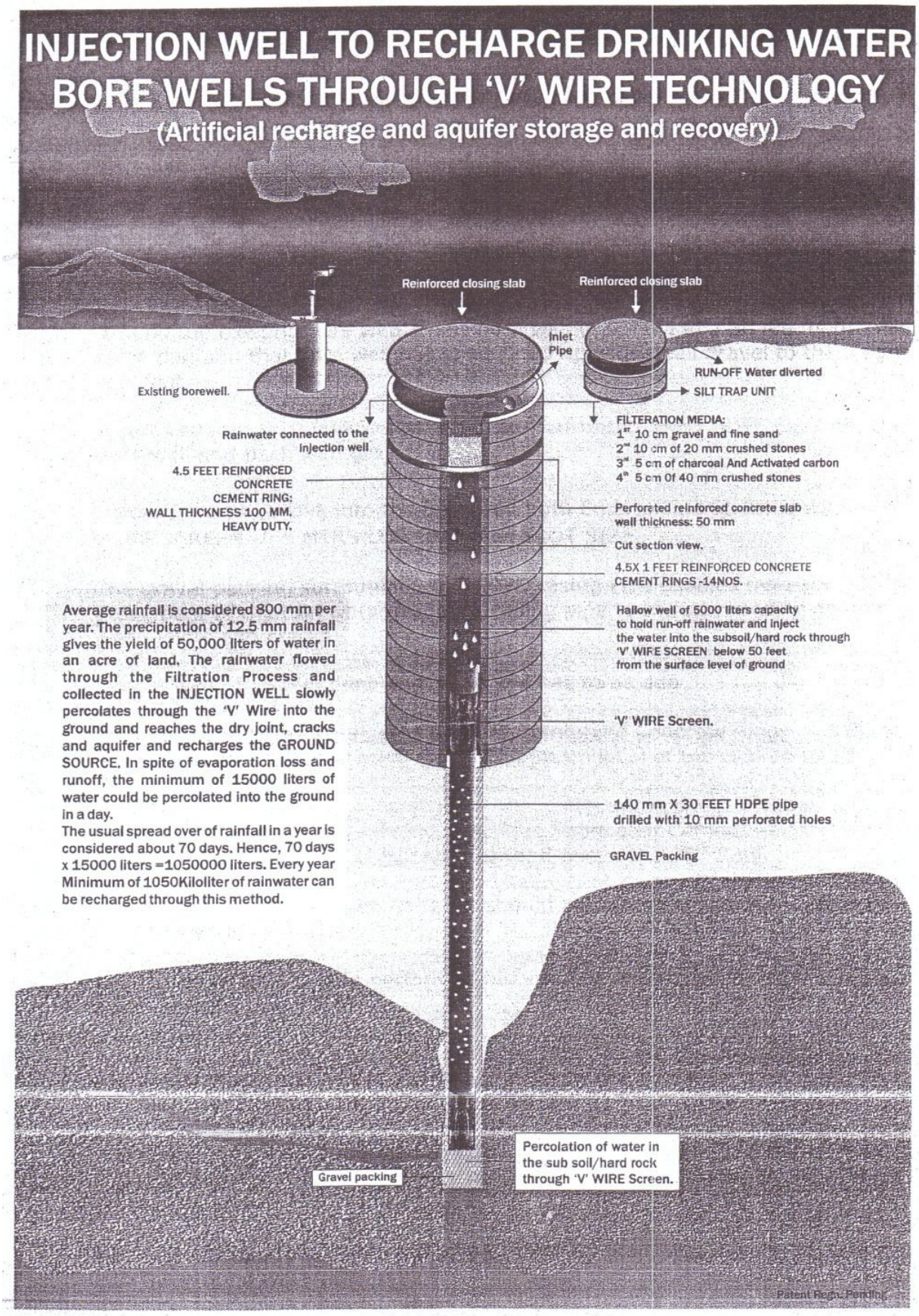
BANGALORE RURAL DISTRICT

MEASURES TAKEN IN THE BENGALURU RURAL DISTRICT FOR RE-CHARGING GROUND WATER :

1. Pits and Trenches
2. Check dams
3. Percolation tanks
4. V-wire technology
5. Water shed development programs
6. Nala bunds/Contour bunds
7. Farm Ponds
8. Rainwater Harvesting
9. Desilting and Restoration of Water Tanks
10. Reconstruction of Arkavathi and Kumudvathi and South Pennar River Vallies

-ooOoo-


INJECTION WELL TO RECHARGE DRINKING WATER BORE WELLS THROUGH 'V' WIRE TECHNOLOGY
(Artificial recharge and aquifer storage and recovery)
Reinforced closing slab
Reinforced closing slab
Inlet Pipe
RUN-OFF Water diverted
SILT TRAP UNIT
Existing borewell.
Rainwater connected to the injection well
FILTERATION MEDIA:
1st 10 cm gravel and fine sand
2nd 10 cm of 20 mm crushed stones
3rd 5 cm of charcoal And Activated carbon
4th 5 cm Of 40 mm crushed stones
4.5 FEET REINFORCED CONCRETE CEMENT RING: WALL THICKNESS 100 MM. HEAVY DUTY.
Perforated reinforced concrete slab wall thickness: 50 mm
Cut section view.
4.5X 1 FEET REINFORCED CONCRETE CEMENT RINGS -14NOS.
Hallow well of 5000 liters capacity to hold run-off rainwater and inject the water into the subsoil/hard rock through 'V' WIRE SCREEN below 50 feet from the surface level of ground
'V' WIRE Screen.
140 mm X 30 FEET HDPE pipe drilled with 10 mm perforated holes
GRAVEL Packing
Average rainfall is considered 800 mm per year. The precipitation of 12.5 mm rainfall gives the yield of 50,000 liters of water in an acre of land. The rainwater flowed through the Filtration Process and collected in the INJECTION WELL slowly percolates through the 'V' Wire into the ground and reaches the dry joint, cracks and aquifer and recharges the GROUND SOURCE. In spite of evaporation loss and runoff, the minimum of 15000 liters of water could be percolated into the ground in a day.
The usual spread over of rainfall in a year is considered about 70 days. Hence, 70 days x 15000 liters =1050000 liters. Every year Minimum of 1050Kiloliter of rainwater can be recharged through this method.
Gravel packing
Percolation of water in the sub soil/hard rock through 'V' WIRE Screen.
Patent Regn. Pending

ACTIVITY MAP PRESCRIBED BY RDPR

1. Drinking water

Activity	Distribution of functions		
	Zilla Panchayat	Block Panchayat	Village Panchayat
Development of water supply system	1. Formulate major water supply schemes 2. Technically appraise and approve schemes proposed by TPs and GPs 3. Award contracts for the execution of major schemes outside TP and GP plans 4. Establish water testing laboratories for control of chemical and biogenic impurities	1. Formulate projects and seek technical approval from ZP 2. Construct schemes within the prescribed cost limits for TPs	1. Identify schemes and locations, estimate cost and formulate projects through the involvement of Gram Sabha 2. Construct wells, tanks and village water supply schemes of its own or as assigned by the ZP or TP 3. Periodically chlorinate open wells and treat water 4. Ensure proper distribution of water to all households in its villages 5. Collect water sample for testing
Monitoring rural water supply schemes	1. Monitor and supervise the progress, quality of work and target achievement	1. Monitor and supervise progress and quality of works	1. Monitor scheme implementation and report progress
Maintenance of water supply system			1. Maintain drinking water schemes, collect water charges and appoint operators wherever necessary

2. Minor irrigation, water management and watershed development

Activity	Distribution of functions		
	Zilla Panchayat	Block Panchayat	Village Panchayat
Development of MI system, drainage system, water harvesting structures and water management	1. Formulate MI projects 2. Technically appraise MI projects (outside TP purview) 3. Execute MI Projects outside TP and GP plan 4. Assign projects to TP and GP 5. Development of drainage system in water logged areas 6. Sanctioning projects for percolation tanks, check dams and land leveling 7. Supervise, monitor and review of the progress and quality of works by the subject committee 8. Coordinate between various departments and agencies funding MI projects	1. Formulate MI Projects 2. Technically appraise MI projects proposed in TP Plan 3. Execute MI projects included in TP Plan 4. Execute MI Projects assigned by ZP 5. Construct percolation tanks and check dams (outside GP plan). 6. Supervision, monitoring and review of the progress, and quality of works by the Subject Committee 7. Coordinate between various line departments / agencies funding for MI projects	1. Assist in formulation of MI projects and ratification by Grama Sabha 2. Identify locations for projects 3. Execute Community MI Projects 4. Execute MI Projects assigned by ZP and TP 5. Construct percolation tanks and check dams including projects assigned by the ZP and TP 6. Enforce inter-well distance (well density) as per prescribed norms 7. Identify beneficiaries under various programmes for MI projects through Gram Sabha 8. Supervise, Monitor and review progress, quality of work

Water Management	1. Propagate modern water management delivery methods 2. Propagate use of sprinkler and drip irrigation in drought prone / water scarce area	1. Guide and motivate people to adopt modern methods of irrigation, on- farm development and proper maintenance of field channels 2. Select beneficiaries for subsidized sprinklers, drip irrigation equipment and delivery system and supply them, including providing technical guidance to beneficiaries 3. Organise farm demonstration for modern water management techniques	1. Identify beneficiaries through Gram Sabhas for subsidized sprinkler and drip irrigation system 2. Constitute Neeru Panchayats for proper utilization of water including use for drinking purposes 3. Encourage farmers for on-farm development and development of field channels / delivery system for proper utilization of water

Watershed development	1. Identifiy, select and approve watershed projects 2. Promote watershed development approach in all areas for better management of natural resources and environment development 3. Supervise, Monitor and review of the progress and quality of works by the Subject Committee	1. Prepare watershed project in inter-GP watersheds 2. Organise people to form work committees 3. Form technical team to assist GP in the implementation of watershed projects 4. Integrate various beneficiary oriented and area development oriented schemes to harmonise with watershed projects 5. Monitoring supervision and reporting progress 6. Coordinate between various agencies and departments implementing watershed projects such as agriculture, forestry, DPAP and DDP	1. Participate in planning and implementation of watershed projects 2. Approve land/water use plan for watershed development through Grama Sabhas 3. Assist in constituting user/Beneficiary committees in the watershed for their direct participation in the execution of the project 4. Maintain community assets created under watershed project 5. Supervise and monitor quality of works 6. Select beneficiaries and provide assistance to them for executing individual works under watershed

RECOMMENDATIONS

- Effect of climate change and Global warming on water resources and its future trend need to be understood for implementing measures for sustainability of the system.
- Hydrological data for the last 50 years along with climate information need to be analysed scientifically for planning suitable implementation.
- Forecast is given well in advance but for verification of real time rainfall data should be made available along with the distribution and intensity and an ecosystems approaches to be developed and implemented.
- Appropriate management of cropping pattern and land use planning is to be adopted for making the hydrological cycle sustainable.
- Annual basin wise data of crucial hydrological parameters needs to be collected periodically and Monsoon is to be looked at as a system for understanding and in applying S&T interventions.
- Measures need to be taken for improving infiltration/ Percolation in all types of soil and the available models needs to be properly calibrated using ground information and validated for wider application.
- Technologies like remote sensing is to be encouraged for relating the soil moisture to back scattering eventually leading to mapping the soil moisture of the district under different land use/ land cover.
- Synthesis of lab / plot / field scale experiments as well as numerical models for better understanding of the processes.
- Proper assessment of irrigation water loss at field level and its integration with command water management.
- Proper estimation of infiltration parameters for improving the efficiency of irrigation.
- A data base on physical, chemical and hydrological properties of soil of district need to be created by scrutinizing the available data and research materials.

- Modeling inputs are to be used for optimally locating surface water storage and harvesting structures.

- Efforts need to be made to understand the unaccounted water to evolve strategies to reduce this component and use the water for better purposes.

- Traditional water storage methods need to be revisited to design suitable surface water storage as well as harvesting structures.

- Rainwater harvesting technologies need to be appraised and improved for better results.

- Network for capturing evapo-transpiration on a spatial and temporal basis need to be established.

- Uncertainty in the estimation of evapo-transpiration and ground water withdrawal need to be studied.

- Seasonal potential evapo-transpiration maps require to be attempted at various scales.

- Technologies to reduce the evapo-transpiration losses like chemical and modifications of micro climatic conditions need to be encouraged.

- There should be a comprehensive State policy for ground water encompassing drinking water, irrigation and industrial uses and districts also should frame a policy for ground water.

- There is need for intensive scientific monitoring of ground water level and quality through an extensive network of hydrograph stations. Computerized data collection, storage and retrieval system should be in place which should be accessible to all user agencies.

- Ground water development should be based on understanding of recharge and other land use and climate characteristics.

- Larger efforts need to be focused on awareness and education for water conservation to regulate the demand for use of ground water.

- Precise estimation of ground water resources and categorisation of over exploited, critical and semi critical areas on watershed basis and extrapolation for the lowest administrative unit say a village for proper planning and implementation of programmes.

- Dissemination of Scientific knowledge for siting of ground water structures and well designs for all users to avoid well failure particularly in rural areas. There is a need for extending the insurance coverage to well failures to protect the poor farmers from bankruptcy.

- Registration of all ground water structures through a census. This will give the correct status of ground water structures and the exact quantity of water being extracted.

- Regulation of ground water abstraction in over exploited and critical areas. Augmentation of the ground water resources through rainwater harvesting and artificial recharge to ground water on priority basis..

- Ground water source used for drinking, irrigation and industrial use to be protected from pollution. Drinking water use through ground water should be given overriding priority in rural and urban areas.

- Industries using ground water should be charged at a slightly higher rate and they should be persuaded to invest proper quality monitoring and mitigation measures and encourage to adopt artificial recharge measures.

- Make Rooftop rain water harvesting mandatory for urban and rural areas. Every new ground water abstraction structure should have the provision for artificial recharge for sustaining yield.

UN-Water Statement on Water Quality

World Water Day, March 22, 2010

Clean, safe, and adequate freshwater is vital to the survival of all living organisms and the functioning of ecosystems, communities, and economies. But the quality of the world's water is increasingly threatened as human populations grow, industrial and agricultural activities expand, and as climate change threatens to alter the global hydrologic cycle. There is an urgent need for the global community—both public and private sectors—to join together to take on the challenge of protecting and improving the quality of water in our rivers, lakes, aquifers, and taps. To do so we must commit to preventing future water pollution, treating waters that are already contaminated – including purification for human consumption, and restoring the quality and health of rivers, lakes, aquifers, and aquatic ecosystems. These actions will be felt all the way from the headwaters of our watersheds to the oceans, fisheries, and marine environments that together help sustain humanity.

The Problem

Water quality has become a global issue. Every day, millions of tons of inadequately treated sewage and industrial and agricultural wastes are poured into the world's waters. Every year, lakes, rivers, and deltas take in the equivalent of the weight of the entire human population—nearly 7 billion people—in the form of pollution. Every year, more people die from the consequences of unsafe water than from all forms of violence, including war—and the greatest impacts are on children under the age of five. The economic losses due to the lack of water and sanitation in Africa alone is estimated at $US28.4 billion or about 5% of GDP. Water contamination weakens or destroys natural ecosystems that support human health, food production, and biodiversity. Studies have estimated that the value of ecosystem services is double the gross national product of the global economy, and the role of freshwater ecosystems in purifying water and assimilating wastes has been valued at more than $US400 billion. Most polluted freshwater ends up in the oceans, damaging coastal areas and fisheries.

The Good News: Effective Solutions Are Available

Effective solutions to water-quality challenges are being implemented in a number of places; it is time for a global focus. There are three fundamental solutions to water-quality problems: (1) pollution prevention; (2) treatment; and (3) restoration of ecosystems.

Preventing the pollution of water resources by reducing or eliminating contaminants at the source is almost always the cheapest, easiest, and most effective way to protect water quality. Prevention includes reducing or eliminating the use of hazardous substances, pollutants, and contaminants; modifying equipment and technologies so they generate less waste; reducing leaks and fugitive releases; and reducing energy and water consumption. Preventing pollution permits communities to spend less money on waste handling, storage, treatment, remediation, and regulatory monitoring. As the world takes on the unfinished challenges of improving water quality, meeting Millennium Development Goals for water and sanitation, and tackling climate change, pollution prevention should be prioritized at every level.

Many water sources and watersheds are already of poor quality—and many effective technologies and approaches do exist to improve water quality and treat wastewater, from high-tech to low-tech, low-energy, ecologically focused approaches. More effort to expand their deployment is needed, which means increased investment in existing water-quality systems and in research to improve the treatment of new contaminants, reduce the cost of treatment, and increase the reliability of existing methods.

Further, key to treating our water-quality problems is restoring and protecting natural ecosystems by determining and providing minimum ecosystem needs for water quality and quantity. Ecosystem protection and restoration must be considered a basic element of sustainable water-quality efforts.

Moving Forward

Much more can be done to identify and implement water-quality solutions including:

Improve Understanding of Water Quality: Ongoing monitoring and good data are the cornerstones of improving water quality. Addressing water-quality challenges will mean building capacity and expertise in developing countries and deploying real-time, low-cost, rapid, and reliable field sampling tools, technologies, and data-sharing and management institutions.

Expand Communication and Education: A concerted global education and awareness-building campaign around water-quality issues is needed, with targeted regional and national campaigns that connect water quality to issues of cultural, social, and historical importance.

Improve Financial and Economic Approaches: Adequate access to financing and appropriate pricing or subsidy programs is needed. Understanding of the economic value of maintaining ecosystem services and water infrastructure will help protect water quality, permit sufficient cost recovery, ensure adequate investments, and support sustainable long-term operation and maintenance.

Expand the Use of Effective Technologies: The capacity for logistical support, management, and technical training is required for the successful deployment, maintenance, and operation of systems to collect, transport, and treat human wastes, used water, stormwater, industrial wastes and agricultural runoff. This requires a focus on developing the capacity of communities, governments, and businesses to utilize effective water-quality technologies and approaches, and developing new technologies when needed.

Use Appropriate Legal, Institutional, Regulatory Tools: From the international level to watershed and community levels, laws on protecting and improving water quality should be adopted and adequately enforced, model pollution-prevention policies disseminated, and guidelines developed for ecosystem water quality. Standard methods to characterize in-stream water quality, international guidelines for ecosystem water quality, and priority areas for remediation need to be addressed globally.

Clean Water for Today and Tomorrow

As a global community, we must refocus our attention on improving and preserving the quality of our water, a challenge that requires bold steps internationally, nationally, and locally. Directing global priorities, funding, and policies to improve water quality can ensure that our water resources can once again become a source of life. We already have the knowledge and skills to protect our water quality. Let us now have the will. Human life and prosperity rest on our actions today to be the stewards, not polluters, of this most precious resource. *Clean* water is life.

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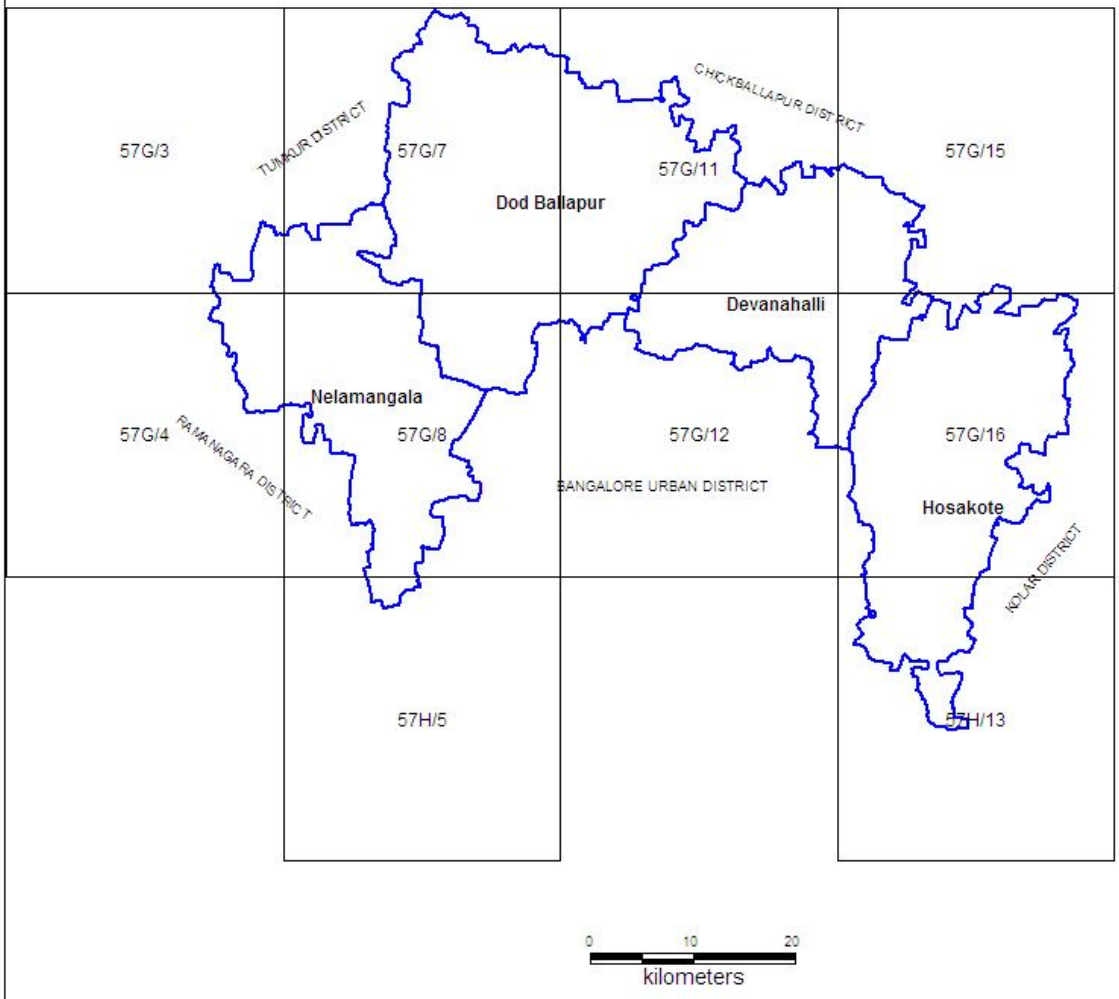
Estimation of Volume of Water from Normal Rainfall

Bengaluru Rural District (Taluk wise)				
Sl No	**NAME OF TALUK**	**AREA IN Sq.Kms**	**NORMAL RAIN IN mm**	**VOLUME IN TMC (1TMC=28317000000 LTRS)**
1	DEVANAHALLI	431	767	11.67
2	DODDABALLAPURA	778	849	23.33
3	HOSKOTE	544	750	14.41
4	NELAMANGALA	506	931	16.64
	TOTAL	**2259**	**3297**	**66.04**

Estimation of Yield from Normal Rainfall in Bengaluru Rural District

Sl No	NAME OF TALUK	AREA IN Sq.Kms	NORMAL RAIN IN mm	VOLUME IN TMC (1TMC=28317 000000 LTRS)	RUNOFF (TMC) 20%	EVAPORATIO N (TMC) 20%	INFILTRATION (TMC) 10%	DEPENDABLE YIELD IN TMC OF LTRS
1	DEVANAHALLI	431	767	11.67	2.33	2.33	1.17	5.84
2	DODDABALLAPURA	778	849	23.33	4.67	4.67	2.33	11.66
3	HOSKOTE	544	750	14.41	2.88	2.88	1.44	7.20
4	NELAMANGALA	506	931	16.64	3.33	3.33	1.66	8.32
	TOTAL	2259	3297	66.04	13.21	13.21	6.60	33.02

BENGALURU RURAL DISTRICT WITH GRID AND TOPOSHEET NOS



CONCLUSION

As far as Ground Water Scenario is concerned, Bangalore Rural District has been declared as dark zone by the Government of Karnataka due to over exploitation. Over the years ground water has been depleting in the district. More than 230 villages in the district have gone totally dry and supply of drinking water is through tankers during the year. Unless some corrective measures are taken at the earliest, the scenario would become worst in the years to come.

During the month of January 2011, 130 villages have gone dry and bore wells have dried up completely. Those villages which have dried up are spatially represented in this report. This report also deals with some aspects of water related problems in the villages of the Bangalore Rural district. Documentation of database such as historic rainfall data and observation wells data and spatial representation of drainages would certainly help planners, experts and researchers to arrive at or estimate quantum of water available, flow pattern or locating check dams, water recharging pits etc.

In consultation with experts, some recommendations are listed at the end of the report. These recommendations would help district planners to prepare action plan reports for the district to tackle water related issues in the long run to overcome drinking water problems.

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ACKNOWLEDGEMENTS

- Karnataka State Council for Science and Technology
- Indian Institute of Science
- Indian Space Research Organisation
- Department of Science and Technology – GOI & GOK
- Bangalore Rural Zilla Panchayat
- Rural Development and Panchayat raj department
- Central Ground Water Board
- Department of Mines and Geology - GOK
- Karnataka State Natural Disaster Monitoring Cell
- Karnataka State Remote Sensing Application Center
- United Nations organization

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APPENDIX – A

List of Villages Grama Panchayat wise

LIST OF VILLAGES GRAMA PANCHAYAT WISE IN NELAMANGALA TALUK

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
1	Agalakuppa	Halenijagal
2	Agalakuppa	Devarahosahalli
3	Agalakuppa	Kamalapura
4	Agalakuppa	Biragondanahalli
5	Agalakuppa	Kallunaikanahalli
6	Agalakuppa	Agalakuppa
7	Agalakuppa	Nijagal
8	Agalakuppa	Lakkuru
9	Agalakuppa	Chandanahosahalli
10	Arasinakunte	Hydalu
11	Arasinakunte	K.G. Srinivasapura
12	Arasinakunte	Koolipura
13	Arasinakunte	Vajarahalli
14	Arasinakunte	Narsipalya
15	Arasinakunte	Arasinakunte
16	Arasinakunte	Mallapura
17	Arasinakunte	Nelamangala (rural)
18	Arasinakunte	Jakkasandra
19	Arebommanahalli	Dasanapura
20	Arebommanahalli	Melekattiganoor
21	Arebommanahalli	Karenahalli
22	Arebommanahalli	Sulkunte
23	Arebommanahalli	Kempapura Agrahara
24	Arebommanahalli	Arebommanahalli
25	Arebommanahalli	Kodigebommanahalli
26	Arebommanahalli	Halkur
27	Arebommanahalli	Honnarayanahalli
28	Arebommanahalli	Thimmasandra
29	Arebommanahalli	Govindapura
30	Arebommanahalli	Pallarahalli
31	Arebommanahalli	Lakkasandra
32	Arebommanahalli	Thalekere
33	Arebommanahalli	Byadarahalli
34	Basavanahalli	Tyagadahalli
35	Basavanahalli	Bettahalli
36	Basavanahalli	Bolamaranahalli
37	Basavanahalli	Byrasettihalli
38	Basavanahalli	Arjunabettahalli
39	Basavanahalli	Gollahalli
40	Basavanahalli	Mylanahalli
41	Basavanahalli	Narayanaraopalya
42	Basavanahalli	Krishnarajapalya
43	Basavanahalli	Basavanahalli
44	Budihal	Yeramanchanahalli
45	Budihal	Mandigere
46	Budihal	Bardi

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
47	Budihal	Narasimanapalya
48	Budihal	Machonaikanahalli
49	Budihal	Ahobalapalya
50	Budihal	Kachanahalli
51	Budihal	Mylanahalli
52	Budihal	Deganahalli
53	Budihal	Ananthapura
54	Budihal	Budihal
55	Budihal	Tonachinakuppe
56	Budihal	Bommanahalli
57	Doddabele	Tadasigatta
58	Doddabele	Mavinakommenahalli
59	Doddabele	Doddachannohalli
60	Doddabele	Karehalli
61	Doddabele	Doddabele
62	Doddabele	Gulapura
63	Doddabele	Nimbenahalli
64	Doddabele	Isuvanahalli
65	Hasurahalli	Vadakunte
66	Hasurahalli	Lakkappanahalli
67	Hasurahalli	Byranaikanahalli
68	Hasurahalli	Chikkanahalli
69	Hasurahalli	Hasurahalli
70	Hasurahalli	Guddegowdana Channohalli
71	Hasurahalli	Jakkanahalli
72	Hasurahalli	Krishnarajapalya
73	Hasurahalli	Varadanaikanahalli
74	Honnenahalli	Kengal
75	Honnenahalli	Veerasagara
76	Honnenahalli	Sripathihalli
77	Honnenahalli	Bargenahalli
78	Honnenahalli	Honnenahalli
79	Honnenahalli	Srinivasapura
80	Honnenahalli	Kengalkempohalli
81	Honnenahalli	Avverahalli
82	Kalalghatta	Narasapura
83	Kalalghatta	Gundenahalli
84	Kalalghatta	Totanahalli
85	Kalalghatta	Kodipalya
86	Kalalghatta	Bidalur
87	Kalalghatta	Kodihalli
88	Kalalghatta	Kalalghatta
89	Kalalghatta	Harvesandra
90	Kalalghatta	Alunaikanahalli
91	Kalalghatta	Govenahalli
92	Kalalghatta	Minnapura
93	Kodigehalli	Somasagara
94	Kodigehalli	Karimaranahalli
95	Kodigehalli	Mavinakunte
96	Kodigehalli	Goraghatta

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
97	Kodigehalli	Jakkasandra
98	Kodigehalli	Krishnarajapura
99	Kodigehalli	Obalapura
100	Kodigehalli	Kodigehalli
101	Kodigehalli	Ballagere
102	Kodigehalli	Kenchanapura
103	Kuluvanahalli	Hosahalli
104	Kuluvanahalli	Billanakote
105	Kuluvanahalli	Kasaragatta
106	Kuluvanahalli	Kerekattiganoor
107	Kuluvanahalli	Geddalahalli
108	Kuluvanahalli	Aladahalli
109	Kuluvanahalli	Gundenahalli
110	Kuluvanahalli	Hanumanthapura
111	Kuluvanahalli	Ananthapura
112	Kuluvanahalli	Lakkenahalli
113	Kuluvanahalli	Mahimapura
114	Kuluvanahalli	Kuluvanahalli
115	Kuluvanahalli	Thippagundanahalli
116	Kuluvanahalli	Chikkannanne
117	Kuluvanahalli	Dodderi
118	Manne	Sirganahalli
119	Manne	Mannerampura
120	Manne	Venkatapura
121	Manne	Appagondanahalli
122	Manne	Adihosahalli
123	manne	Maddenahalli
124	Manne	Manne
125	Manne	Kannohalli
126	Manne	Makanakuppe
127	Manne	Muddalinganahalli
128	Manne	Tavarekere
129	Manne	Lakshmanapura
130	Manne	Biragundanahalli
131	Manne	Hallurampura
132	Manne	Thippasettihalli
133	Maralakunte	Yelekyathanahalli
134	Maralakunte	Bennegere
135	Maralakunte	Benchanahalli
136	Maralakunte	Maralakunte
137	Maralakunte	Chikkannanahalli
138	Maralakunte	Hulleharve
139	Maralakunte	Baragoor
140	Maralakunte	Madaga
141	Maralakunte	Chikkanapalya
142	Maralakunte	Giriyanapalya
143	Maralakunte	Kuntbommanahalli
144	Maralakunte	Dasenahalli
145	Narasipura	Halenahalli
146	Narasipura	Jajoor

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
147	Narasipura	Makenahalli
148	Narasipura	Kuruvel Thimmanahalli
149	Narasipura	Heggunda
150	Narasipura	Bugadihalli
151	Narasipura	Narasipura
152	Narasipura	Bettadahosahalli
153	Narasipura	Ramanahalli
154	Narasipura	Channohalli
155	Narasipura	Imchanahalli
156	Narasipura	Govindapura
157	Shivagange	Kuthagatta
158	Shivagange	Gottikere
159	Shivagange	Shivagange
160	Shivagange	Gowrapura
161	Shivagange	Gangenapura
162	Shivagange	Narayanapura
163	Shivagange	Basavapatna
164	Shivagange	Kambal
165	Shivagange	Gantehosahalli
166	Shivagange	Guruvanahalli
167	Shivagange	Machenahalli
168	Shivagange	Maragondanahalli
169	Soladevanahalli	Manchenahalli
170	Soladevanahalli	Krishnarajapura
171	Soladevanahalli	Bidanapalya
172	Soladevanahalli	Chowdasandra
173	Soladevanahalli	Kothanahalli
174	Soladevanahalli	Avalakuppe
175	Soladevanahalli	Hosahalli
176	Soladevanahalli	Goravanahalli
177	Soladevanahalli	Soladevanahalli
178	Soladevanahalli	Narasimhapalya
179	Soladevanahalli	Kanuvanahalli
180	Soladevanahalli	Banasavadi
181	Soladevanahalli	Iregenahalli
182	Soladevanahalli	Bolamaranahalli
183	Soladevanahalli	Gorinabele
184	Soladevanahalli	Mantanakurchi
185	Sompura	Nijagal Kempohalli
186	Sompura	Karimanne
187	Sompura	Thattekere
188	Sompura	Nidavanda
189	Sompura	Maddenahalli
190	Sompura	Sompura
191	Sompura	Thimmanaikanahalli
192	Sompura	Pemmanahalli
193	Sompura	Bharathipura
194	Sompura	Yedehalli
195	Srinivasapura	Madalakote
196	Srinivasapura	Yelachagere

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
197	Srinivasapura	Kenchanahalli
198	Srinivasapura	Byrasandra
199	Srinivasapura	Hajipalya
200	Srinivasapura	Srinivasapura
201	T.Begur	T.Begur
202	T.Begur	Malonagathihalli
203	T.Begur	Marohalli
204	T.Begur	Byranahalli
205	T.Begur	Krishnarajapura
206	T.Begur	Agasarahalli
207	T.Begur	Araledibba
208	T.Begur	Tirumalapura
209	T.Begur	Koneripura
210	T.Begur	Aralasandra
211	T.Begur	Kempohalli
212	T.Begur	Geddalahalli
213	Thyamagondlu	Thyamagondlu Amanikere
214	Thyamagondlu	Thyamagondlu
215	Visveswarapura	Kanugondanahalli
216	Visveswarapura	Visveswarapura
217	Visveswarapura	Gangadharanapalya
218	Visveswarapura	Virananjipura
219	Visveswarapura	Huralihalli
220	Visveswarapura	Viraraghuvanapalya
221	Visveswarapura	Byadarahalli
222	Visveswarapura	Ghandragulupura
223	Visveswarapura	Obanaikanahalli
224	Visveswarapura	K.Kempalinganahalli
225	Yentiganahalli	Chikmaranahalli
226	Yentiganahalli	Bhavikere
227	Yentiganahalli	Mallarabanavadi
228	Yentiganahalli	Vaddarapalya
229	Yentiganahalli	Kodappanahalli
230	Yentiganahalli	Hanchipura
231	Yentiganahalli	Doddakarenahalli
232	Yentiganahalli	Balaguruvanapalya
233	Yentiganahalli	Bhoosandra
234	Yentiganahalli	Mahadevapura
235	Yentiganahalli	Hanumanapalya
236	Yentiganahalli	Sitaram Bhattarapalya
237	Yentiganahalli	Yentiganahalli
238	Yentiganahalli	Koratagere
239	Yentiganahalli	Lingenahalli
240	Yentiganahalli	Kadukarenahalli
241	Yentiganahalli	Honnasandra
242	Yentiganahalli	Bhattarahalli
243	Yentiganahalli	H.Kempalinganahalli
244		Nelamangala (TP)

LIST OF VILLAGES GRAMA PANCHAYAT WISE IN DODDABALLAPUR TALUK

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
1	Aralamallige	Alahalli
2	Aralamallige	Aralamallige
3	Aralamallige	Ekasipura
4	Aralamallige	Jakkasandra
5	Aralamallige	Karenahalli
6	Aralamallige	S.M. Gollahalli
7	Aroodi	Aroodi
8	Aroodi	Banavathi
9	Aroodi	Dadighattamadagu
10	Aroodi	Gowdanakunte
11	Aroodi	Harohalli
12	Aroodi	Kamakshihalli
13	Aroodi	Kilarlahalli
14	Basettihalli	Adinarayana Hosahalli
15	Basettihalli	Arehalli Guddadahalli
16	Basettihalli	Basettihalli
17	Basettihalli	Bisuvanahalli
18	Basettihalli	Kasuvanahalli
19	Basettihalli	Kolipura
20	Basettihalli	Nagadenahalli
21	Basettihalli	Obadenahalli
22	Basettihalli	Ragunathapura
23	Basettihalli	Thammasettihalli
24	Basettihalli	Varadanahalli
25	Basettihalli	Yellupura
26	Bhaktharahalli	Adakavala
27	Bhaktharahalli	Alappanahalli
28	Bhaktharahalli	Ankonahalli
29	Bhaktharahalli	Badrapura
30	Bhaktharahalli	Bhaktharahalli
31	Bhaktharahalli	Bommahalli
32	Bhaktharahalli	Byappanahalli
33	Bhaktharahalli	Chigaranahalli
34	Bhaktharahalli	Gundlahalli
35	Bhaktharahalli	Jyotipura
36	Bhaktharahalli	K G Lingenahalli
37	Bhaktharahalli	Kadathippur
38	Bhaktharahalli	Kangalapura
39	Bhaktharahalli	Kanikenahalli
40	Bhaktharahalli	Mallegowdanahalli
41	Bhaktharahalli	Mudlakalenahalli
42	Bhaktharahalli	Narasapura
43	Bhaktharahalli	Sirigondanahalli
44	Channadevi Agra	Channadevi Agrahara
45	Channadevi Agra	Junnasandra

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
46	Channadevi Agra	Kodihalli
47	Channadevi Agra	Madhure
48	Channadevi Agra	Madhure Amanikere
49	Channadevi Agra	Mallohalli
50	Dargajogihalli	Dargajogihalli (CT)
51	Dargajogihalli	Nagasandra
52	Dodda Tumkur	Byrasandra
53	Dodda Tumkur	Dodda Tumkur
54	Dodda Tumkur	Gejjigadahalli
55	Dodda Tumkur	Gowdahalli
56	Dodda Tumkur	Karim Sonnenahalli
57	Doddabelavangal	Bhaktharahalli
58	Doddabelavangal	Chikkabelavangala
59	Doddabelavangal	Doddabelavangala
60	Doddabelavangal	Doddahejjaji
61	Doddabelavangal	Karepura
62	Doddabelavangal	Mugenahalli
63	Doddabelavangal	Ramapura
64	Doddabelavangal	Venkateshpura
65	Hadonahalli	Bachchahalli
66	Hadonahalli	Durgenahalli
67	Hadonahalli	Hadonahalli
68	Hadonahalli	Lakshmidevipura
69	Hadonahalli	Shivalinga Pura
70	Hadonahalli	Thirumagondanahalli
71	Hadripura	Chikkahejjaji
72	Hadripura	Chikkahejjaji Amanikere
73	Hadripura	Chunchegowdanahosahalli
74	Hadripura	Hadripura
75	Hadripura	Madhurana Hosahalli
76	Hadripura	Naranahalli
77	Hadripura	Rameswara
78	Hanabe	Bommanahalli
79	Hanabe	Byadarajakkasandra
80	Hanabe	Chikkanahalli
81	Hanabe	Galibilikote
82	Hanabe	Hanabe
83	Hanabe	Jodi Karapura
84	Hanabe	K G Basavanpura
85	Hanabe	Kalludevanahalli
86	Hanabe	Madeswara
87	Hanabe	Maralenahalli
88	Hanabe	Neralaghatta
89	Hanabe	Siravara
90	Hanabe	Somasettihalli
91	Hanabe	Srinivasapura
92	Heggadihalli	Acharlahalli
93	Heggadihalli	Beedikere Agrahara
94	Heggadihalli	Chowgondanahalli
95	Heggadihalli	Dandu Dasakodigehalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
96	Heggadihalli	Gulyanandigunda
97	Heggadihalli	Heggadihalli
98	Heggadihalli	Kurubarahalli
99	Heggadihalli	Machagondahalli
100	Heggadihalli	Sonnamaranahalli
101	Heggadihalli	Tapasipura
102	Heggadihalli	Udanahalli
103	Honnavara	Badrapura
104	Honnavara	Chikkavadagere
105	Honnavara	Doddavadagere
106	Honnavara	Gandragolipura
107	Honnavara	Gulya
108	Honnavara	Halenahalli
109	Honnavara	Honnadevipura
110	Honnavara	Honnavara
111	Honnavara	Isthur
112	Honnavara	Kammasandra
113	Honnavara	Nallenahalli
114	Honnavara	Purusanahalli
115	Honnavara	Puttaiana Agrahara
116	Honnavara	Simpadipura
117	Honnavara	Syakaldevanapura
118	Hosahalli	Bankenahalli
119	Hosahalli	Bommenahalli
120	Hosahalli	Bydarahalli
121	Hosahalli	Gundumgere
122	Hosahalli	Hosahalli
123	Hosahalli	Hosakote
124	Hosahalli	Hosanagenahalli
125	Hosahalli	Jakkenahalli
126	Hosahalli	K.G.Devapala
127	Hosahalli	Kadakunte
128	Hosahalli	Kallukunte
129	Hosahalli	Kottige Machenahalli
130	Hosahalli	Kukkalahalli
131	Hosahalli	Makali
132	Hosahalli	Mallasandra
133	Hosahalli	Ojenahalli
134	Hosahalli	Pura
135	Hosahalli	Sonnenahalli
136	Hosahalli	Sonnenahalli
137	Hosahalli	Tekalahalli
138	Hosahalli	Ujjani
139	Hosahalli	Vabasandra
140	Hosahalli	Yaramuddenahalli
141	Hulikunte	Ambalagere
142	Hulikunte	Appkarenahalli
143	Hulikunte	Hulikunte
144	Hulikunte	Joyis Agrahara
145	Hulikunte	Kasaghatta

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
146	Hulikunte	Kattiihosahalli
147	Hulikunte	Muttugadahalli
148	Hulikunte	Tharabanahalli
149	Hulikunte	Tubakunte
150	Kadanur	Bokipura
151	Kadanur	Kadanur
152	Kadanur	Kalludevanahalli
153	Kadanur	Madagondanahalli
154	Kadanur	Muppadighatta
155	Kadanur	Narasaihna Agrahara
156	Kanasavadi	Jodithimasandra
157	Kanasavadi	K.G. Sastry Palya
158	Kanasavadi	Kallodu
159	Kanasavadi	Kanasavadi
160	Kanasavadi	Kannamangala
161	Kanasavadi	Kenjiganahalli
162	Kanasavadi	Kukkanahalli
163	Kanasavadi	Marasandra
164	Kanasavadi	Nagenahalli
165	Kanasavadi	Puttenahalli
166	Kanasavadi	Ramadevanahalli
167	Kanasavadi	Uddichikkanahalli
168	Kantanakunte	Allalasandra
169	Kantanakunte	Antharahalli
170	Kantanakunte	Kantanakunte
171	Kantanakunte	Mallathahalli
172	Kantanakunte	Medihalli
173	Kantanakunte	Tapasihalli
174	Kantanakunte	Thogarighatta
175	Kantanakunte	Vaddarahalli
176	Kesthur	Galipuje
177	Kesthur	Honnaghatta
178	Kesthur	Huskur
179	Kesthur	Kesthur
180	Kesthur	Kugonahalli
181	Kesthur	Kuntanahalli
182	Kesthur	Mandibyadarahalli
183	Kesthur	Menasi
184	Kesthur	Shravanur
185	Kodigehalli	Amani palankere
186	Kodigehalli	Gangadharapura
187	Kodigehalli	Hasanghatta
188	Kodigehalli	Kakkehalli
189	Kodigehalli	Kodigehalli
190	Kodigehalli	Kolur
191	Kodigehalli	Kolur plantation
192	Kodigehalli	Kurubarahalli
193	Kodigehalli	Madagondahalli
194	Kodigehalli	Palanjogihalli
195	Kodigehalli	Srinivasapura

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
196	Kodigehalli	Talagavara
197	Konaghatta	K G Govindapura
198	Konaghatta	Konaghatta
199	Konaghatta	Linganahalli
200	Konaghatta	Shivapura
201	Konaghatta	Shivapura Amanikere
202	Konaghatta	Sonnappanahalli
203	Majarahosahalli	Chikka Tumkur
204	Majarahosahalli	Hosahudya
205	Majarahosahalli	Jinkebachchahalli
206	Majarahosahalli	K.G. Kuntanahalli
207	Majarahosahalli	Majarahosahalli
208	Majarahosahalli	Thippapura
209	Majarahosahalli	Veerapura
210	Melekote	Beedikere
211	Melekote	Bhumenahalli
212	Melekote	Channapura
213	Melekote	Chikkarayappanahalli
214	Melekote	Doddarayappanahalli
215	Melekote	Gantiganahalli
216	Melekote	Marahalli
217	Melekote	Melekote
218	Melinajuganahal	Gedlapalya
219	Melinajuganahal	Gunjur
220	Melinajuganahal	Kelaginajuganahalli
221	Melinajuganahal	Kelaginanaikaradahalli
222	Melinajuganahal	Lagumenahalli
223	Melinajuganahal	Melinajuganahalli
224	Melinajuganahal	Melinanaikaradahalli
225	Melinajuganahal	Subraya Nagenahalli
226	Rajaghatta	Dasagondanahalli
227	Rajaghatta	Kanchiganala
228	Rajaghatta	Muthasandra
229	Rajaghatta	Pindakuru Thimmanahalli
230	Rajaghatta	Rajaghatta
231	Rajaghatta	Rajaghatta Amanikere
232	Rajaghatta	Thimmasandra
233	Sakkaregollahal	Akkathammanahalli
234	Sakkaregollahal	Bheemarauthanahalli
235	Sakkaregollahal	Buchanahalli
236	Sakkaregollahal	Chikkakalenahalli
237	Sakkaregollahal	Chikkamankanala
238	Sakkaregollahal	Doddamankanala
239	Sakkaregollahal	Halekote
240	Sakkaregollahal	Kadathippenahalli
241	Sakkaregollahal	Kamana Agrahara
242	Sakkaregollahal	Koligere
243	Sakkaregollahal	Konenahalli
244	Sakkaregollahal	Lingapura
245	Sakkaregollahal	Mallanaikanahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
246	Sakkaregollahal	Sakkaregollahalli
247	Sakkaregollahal	Sankarasanahalli
248	Sakkaregollahal	Thambenahalli
249	Sasalu	Benakinamadugu
250	Sasalu	Channaveeranahalli
251	Sasalu	Ganadalu
252	Sasalu	Garudagallu
253	Sasalu	Gummanahalli
254	Sasalu	K.G.Thammaganahalli
255	Sasalu	Kadlapanahalli
256	Sasalu	Lakkenahalli
257	Sasalu	Lingadaveeranahalli
258	Sasalu	Machenahalli
259	Sasalu	Sasalu
260	Sasalu	Singenahalli
261	Sasalu	Sriramanahalli
262	Sasalu	Sulikunte
263	Sasalu	Sulikunte state forest
264	Sasalu	Todalabande
265	Thippur	Byrapura
266	Thippur	Cheelenahalli
267	Thippur	Chokkanahalli
268	Thippur	Gundasandra
269	Thippur	Jaligere
270	Thippur	Kadabyadarahalli
271	Thippur	Kamalur
272	Thippur	Karenahalli
273	Thippur	Majarahosahalli
274	Thippur	Nellukunte
275	Thippur	Sevanagara
276	Thippur	Suthahalli
277	Thippur	Thippur
278	Thippur	Vanigarahalli
279	Tubagere	Chikkamuddenahalli
280	Tubagere	Dinnenahalli
281	Tubagere	Hireanaguddadahalli
282	Tubagere	Hiremuddenahalli
283	Tubagere	K.G.Lakkasandra
284	Tubagere	Kachahalli
285	Tubagere	Kallukote
286	Tubagere	Karnala
287	Tubagere	Kavalahalli
288	Tubagere	Kuruvigere
289	Tubagere	Masthimmanahalli
290	Tubagere	Mugachinnenahalli
291	Tubagere	Mukkadigatta
292	Tubagere	Muttugadahalli
293	Tubagere	Myakalahalli
294	Tubagere	Myakalathimmanahalli
295	Tubagere	Naraganahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
296	Tubagere	Sothenahalli
297	Tubagere	Tubagere
298	Tubagere	Yedlahalli
		Dod Ballapur (CMC)

LIST OF VILLAGES GRAMA PANCHAYAT WISE IN HOSAKOTE TALUK

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
1	Anugondanahalli	Anugondahalli
2	Anugondanahalli	Muthkur
3	Anugondanahalli	Yedagondahalli
4	Anugondanahalli	Byrahalli
5	Anugondanahalli	Medimallasandra
6	Bylanarasapura	Korati
7	Bylanarasapura	Thimmasandra
8	Bylanarasapura	Doddaganahalli
9	Bylanarasapura	Bylanarasapura
10	Bylanarasapura	Hedakanahalli
11	Bylanarasapura	Gundrahalli
12	Bylanarasapura	Sathigenahalli
13	Bylanarasapura	Huluvanahalli
14	Bylanarasapura	Oblahalli
15	Bylanarasapura	Agasarahalli
16	Bylanarasapura	Marasandahalli
17	Devanagundi	Doddadunnasandra
18	Devanagundi	Devalapura
19	Devanagundi	Devanagondi
20	Devanagundi	Lingadeeramallasandra
21	Devanagundi	Somalapura
22	Devanagundi	Medihalli
23	Devanagundi	Devanagondi Hosahalli
24	Devanagundi	Obalapura
25	Devanagundi	Handenahalli
26	Devanagundi	Basabathanahalli
27	Devanagundi	Banarahalli
28	Doddagattiganab	Jinnagara
29	Doddagattiganab	Kannurahalli
30	Doddagattiganab	Ganagalu
31	Doddagattiganab	Pethanahalli
32	Doddagattiganab	Dodda Amanikere
33	Doddagattiganab	Sarakariguttahalli
34	Doddagattiganab	Doddagattiganabbe
35	Doddagattiganab	Bhaktharahalli
36	Doddagattiganab	Poojena Agrahara
37	Doddagattiganab	Chikkagattiganabbe
38	Doddagattiganab	Cheemandahalli
39	Doddahullur	Doddanallurahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
40	Doddahullur	Sompura
41	Doddahullur	Sonnadenahalli
42	Doddahullur	Yelachanayakanapura
43	Doddahullur	Doddahullur
44	Doddahullur	Chikkahullur
45	Doddahullur	Chokkahalli
46	Doddahullur	Cholappanahalli
47	Doddahullur	Chikkanallurahalli
48	Doddahullur	Pillagumpe
49	Doddahullur	Dasarahalli
50	Doddahullur	Hullur Amanikere
51	Doddanallala	Poojaramanahalli
52	Doddanallala	Chinnandahalli
53	Doddanallala	Chikkanallala
54	Doddanallala	Dabbagunte
55	Doddanallala	Halasakaipura
56	Doddanallala	Mylapura
57	Doddanallala	Valagerepura
58	Doddanallala	Doddanallala Plantation
59	Doddanallala	Doddanallala
60	Doddanallala	Guguttahalli
61	Doddanallala	Thimmapura
62	Doddanallala	Ummalu
63	Doddanallala	Doddadenahalli
64	Doddanallala	Alagondahalli
65	Doddanallala	Yelachammanahalli
66	Doddanallala	Appasandra Plantation
67	Doddanallala	Appasandra
68	Doddanallala	Vijayapura
69	Doddaralagere	Thimmappanahalli
70	Doddaralagere	Theneyur
71	Doddaralagere	Chikkakurubarahalli
72	Doddaralagere	Imanahalli
73	Doddaralagere	Anupahalli
74	Doddaralagere	Balenahalli
75	Doddaralagere	Haniyur
76	Doddaralagere	Dyavasandra
77	Doddaralagere	Bendiganahalli
78	Doddaralagere	Chikkaralagere
79	Doddaralagere	Kachipuradakambada Beedu
80	Doddaralagere	Mattabarlu
81	Doddaralagere	Shantanapura
82	Doddaralagere	Thammarasanahalli
83	Doddaralagere	Doddaralagere
84	Doddaralagere	Sashimakanahalli
85	Doddaralagere	Aralagere Amanikere
86	Doddaralagere	Thammarayasandra Agrahara
87	Doddaralagere	Bavapura
88	Doddaralagere	Hosadimbahalli
89	Doddaralagere	Bhuvanahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
90	Doddaralagere	Pulimanchi
91	Doddaralagere	Gullahalli
92	Doddaralagere	Nagarenahalli
93	Ganagalur	Thathnur
94	Ganagalur	Thiruvaranga
95	Ganagalur	Bagur
96	Ganagalur	Gundur
97	Ganagalur	Siddanapura
98	Ganagalur	Shivanapura
99	Ganagalur	Maramgere
100	Ganagalur	Ganagalur
101	Ganagalur	Thathnur Plantation
102	Giddappanahalli	Bathiganahalli
103	Giddappanahalli	Nallaganahalli
104	Giddappanahalli	Ankonahalli
105	Giddappanahalli	Arasanahalli
106	Giddappanahalli	Siddanahalli
107	Giddappanahalli	Chowdasandra
108	Giddappanahalli	Vanamanahalli
109	Giddappanahalli	Bettahalli
110	Giddappanahalli	Giddappanahalli
111	Giddappanahalli	Kodipura
112	Giddappanahalli	Valagerepura
113	Giddappanahalli	Attibele
114	Giddappanahalli	Yenagunte
115	Giddappanahalli	Yethinavadeyarapura
116	Giddappanahalli	Sadappanahalli
117	Ittasandra	Shivapura
118	Ittasandra	Esthur Amanikere
119	Ittasandra	Esthur Hosahalli
120	Ittasandra	Ralkunte
121	Ittasandra	Esthur
122	Ittasandra	Cheemasandra
123	Ittasandra	Dimbahalli
124	Ittasandra	Srinivaspura
125	Ittasandra	Ittasandra
126	Ittasandra	Doddaharadi Plantation
127	Ittasandra	Hosahardi
128	Ittasandra	Hosavenkatapura
129	Ittasandra	Hindiganala
130	Ittasandra	Geddalahallipura
131	Ittasandra	Ramagovindapura
132	Jadigenahalli	Jadigenahalli Plantation
133	Jadigenahalli	Thiratahalli
134	Jadigenahalli	Jadigenahalli
135	Jadigenahalli	Haralur
136	Jadigenahalli	Arlemakanahalli
137	Jadigenahalli	Arlemakanahalli
138	Jadigenahalli	Arlemakanahalli District Plantation
139	Jadigenahalli	Vadigehalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
140	Jadigenahalli	Karibeeranahosahalli
141	Jadigenahalli	Bhakthagondahalli
142	Jadigenahalli	Kurubara Gollahalli
143	Jadigenahalli	Govindapura
144	Jadigenahalli	Banahalli
145	Jadigenahalli	Devara Gollahalli
146	Jadigenahalli	Kolathur
147	Kalkunte Agraha	Bylahalli
148	Kalkunte Agraha	S.Narayanakere
149	Kalkunte Agraha	Kalkunte Agrahara
150	Kalkunte Agraha	Arehalli
151	Kalkunte Agraha	Muthakadahalli
152	Kamblipura	M.Sathyawara
153	Kamblipura	Kempapura
154	Kamblipura	Kamblipura
155	Kamblipura	Ekarajapura
156	Kamblipura	Muthasandra
157	Kamblipura	Chikkakoliga
158	Kamblipura	Doddakoliga
159	Kamblipura	Muthukadahalli
160	Kamblipura	Begur
161	Kamblipura	Sonnebychanahalli
162	Kamblipura	Bagalur
163	Kamblipura	Bheemakkanahalli
164	Kamblipura	Malimakanapura
165	Kamblipura	Dasarathimmanahalli
166	Khajihosahalli	Kattigenahalli
167	Khajihosahalli	Paramanahalli
168	Khajihosahalli	Tharabahalli
169	Khajihosahalli	Thindlu Plantation
170	Khajihosahalli	Thindlu
171	Khajihosahalli	Khajihosahalli
172	Khajihosahalli	Kamarasanahalli
173	Khajihosahalli	Bommanabande
174	Kumbalahalli	Shankanipura
175	Kumbalahalli	Alappanahalli
176	Kumbalahalli	Upparahalli
177	Kumbalahalli	Chikka Amanikere
178	Kumbalahalli	Kumbalahalli
179	Kumbalahalli	Kallahalli
180	Kumbalahalli	Kurubarahalli
181	Lakkondahalli	Kammasandra
182	Lakkondahalli	Hasigala
183	Lakkondahalli	Thimmasandra
184	Lakkondahalli	Shivadenahalli
185	Lakkondahalli	Sonnahallipura
186	Lakkondahalli	Venkateshapura
187	Lakkondahalli	Lakkondahalli
188	Lakkondahalli	Vabasandra
189	Mugabala	Ankonahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
190	Mugabala	Siddapura
191	Mugabala	Kembaliganahalli
192	Mugabala	Chikkanahalli
193	Mugabala	Nakkanahalli
194	Mugabala	Mugabala
195	Mugabala	Veerapura
196	Mugabala	Mugabala Hosahalli
197	Mugabala	Channapura
198	Mugabala	Gottipura
199	Mugabala	Attur
200	Mugabala	Nidagatta
201	Mugabala	Halasahalli
202	Muthasandra	Bhodanahosahalli
203	Muthasandra	Hemmandahalli
204	Muthasandra	Naganayakanakote
205	Muthasandra	Harohalli
206	Muthasandra	Thimmadahalli
207	Muthasandra	Ajjagondahalli
208	Muthasandra	Kotur
209	Muthasandra	Gullakaipura
210	Muthasandra	Muthasandra
211	Muthasandra	Bellikere
212	Nandagudi	Banahalli
213	Nandagudi	Nandagudi
214	Nandagudi	Giddanahalli
215	Nandagudi	Sarakar Vaddahalli
216	Nandagudi	Agrahara Vaddahalli
217	Nandagudi	Medur
218	Nandagudi	N.Hosahalli
219	Nandagudi	Chokkasandra
220	Nandagudi	Kondrahalli
221	Nelavagilu	Tharabahalli
222	Nelavagilu	Chikkondahalli
223	Nelavagilu	Dalasagere
224	Nelavagilu	Arehalli
225	Nelavagilu	Yethinavadeyarapura
226	Nelavagilu	Nelavagilu
227	Nelavagilu	Sarakanur
228	Nelavagilu	Siddanahalli
229	Nelavagilu	K.Settihalli
230	Nelavagilu	Karahalli
231	Nelavagilu	Yeshvanthapura
232	Nelavagilu	Sonnekempanahalli
233	Nelavagilu	Muddenahalli
234	Orohalli	Injanahalli
235	Orohalli	Ambalipura
236	Orohalli	Thavatahalli
237	Orohalli	Attivatta
238	Orohalli	Solur
239	Orohalli	Mattanahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
240	Orohalli	Orohalli
241	Orohalli	Doddathaggali
242	Orohalli	Chikkathaggali
243	Orohalli	Thaggali Hosahalli
244	Orohalli	Gonakanahalli
245	Orohalli	Belamangala
246	Samethanahalli	Mallasandra
247	Samethanahalli	Koralur
248	Samethanahalli	Appajipura
249	Samethanahalli	Naduvathi
250	Samethanahalli	Thirumalasettihalli
251	Samethanahalli	Samethanahalli
252	Shivanapura	Gundrahalli
253	Shivanapura	Mothakadahalli
254	Shivanapura	Gullenahalli
255	Shivanapura	Shivanapura
256	Shivanapura	Karapanahalli
257	Shivanapura	Mumynahosahalli
258	Shivanapura	K.Sathyawara
259	Shivanapura	D.Settihalli
260	Shivanapura	Doddenahalli
261	Shivanapura	Chinnathimmanagolla Halli
262	Shivanapura	Mallyappanahalli
263	Shivanapura	Bisanahalli
264	Shivanapura	Bheemapura
265	Sulibele	Ramapura
266	Sulibele	Kadaranapura
267	Sulibele	Sulibele
268	Thavarekere	Bandahalli
269	Thavarekere	Yelachahalli
270	Thavarekere	Manchappanahalli
271	Thavarekere	Kalappanahalli
272	Thavarekere	Gerahalli
273	Thavarekere	Thavarekere
274	Thavarekere	Goravihalli
275	Thavarekere	Lingapura
276	Thavarekere	Beerahalli
277	Thavarekere	Hethakki
278	Thavarekere	Doddaramanahalli
279	Thavarekere	Kolalachannenahalli
280	Thavarekere	Guddadachannenahalli
281	Thavarekere	Banamakanahalli
282	Thavarekere	Gangapura
283	Thavarekere	Venkatapura
284	Vagata	Chandrapura
285	Vagata	Maragondanahalli
286	Vagata	Vagata
287	Vagata	Vagata Agrahara
288	Vagata	Devasettihalli
289	Vagata	Kodihalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
290	Vagata	Bisanahalli
291	Vagata	Kacharakanahalli
292	Vagata	Kanekallu
293	Vagata	Hunasehalli
294	Vagata	Makanahalli
295	Vagata	Doddadasarahalli
296	Vagata	Honachanahalli
297		Hosakote (TMC)

LIST OF VILLAGES GRAMA PANCHAYAT WISE IN DEVANAHALLI TALUK

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
1	Yerrappanahalli	Anneswara
2	Akkupet	Anneswara
3	Upparahalli	Anneswara
4	Sanne Amanikere	Anneswara
5	Chikkasanne	Anneswara
6	Udayagiri	Anneswara
7	Akkalenahalli Mallena - Halli	Anneswara
8	Yerthiganahalli	Anneswara
9	Boovanahalli	Anneswara
10	Doddasanne	Anneswara
11	Hosathola	Anneswara
12	Bychapura	Anneswara
13	Anneswara	Anneswara
14	Arasinakunte	Anneswara
15	Avathi	Avathi
16	Gobbarakunte	Avathi
17	Byrappanahalli	Avathi
18	Attibele	Avathi
19	Abachikkanahalli	Avathi
20	Kurubarakunte	Avathi
21	Lalagondanahalli	Avathi
22	Gangamuthanahalli	Bettakote
23	Rayasandra	Bettakote
24	Bettakote Amanikere	Bettakote
25	Bettakote	Bettakote
26	Reddihalli	Bettakote
27	Hosahalli	Bettakote
28	Baladimmanahalli	Bettakote
29	Kodagurki	Bidalur
30	Maligenahalli	Bidalur
31	Vaderahalli	Bidalur
32	Bidalur	Bidalur
33	Gunadlahalli	Bidalur

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
34	Lakshmipura	Bidalur
35	Savakanahalli	Bidalur
36	Anighatta	Bidalur
37	Devasthanada	Bidalur
38	Devenahalli	Bidalur
39	Irigenahalli	Bijjawara
40	Hosahalli	Bijjawara
41	Gollahalli	Bijjawara
42	Gonur	Bijjawara
43	Gururayana Hosur	Bijjawara
44	Bijjawara	Bijjawara
45	Holerahalli	Bijjawara
46	Kotnathevaru	Budigere
47	Budigere Amanikere	Budigere
48	Budigere	Budigere
49	Handrahalli	Budigere
50	Boodihal	Channahalli
51	Southegowdanahalli	Channahalli
52	Thellohalli Agrahara	Channahalli
53	Srothreyathellohalli	Channahalli
54	Polanahalli	Channahalli
55	Haralur	Channahalli
56	Channahalli	Channahalli
57	Agalakote	Channahalli
58	Chikkaramanahalli	Channarayapatna
59	Hyadala	Channarayapatna
60	Hiriganahalli	Channarayapatna
61	Bediganahalli	Channarayapatna
62	Channarayapatna Amanikere	Channarayapatna
63	Channarayapatna	Channarayapatna
64	Naganayakanahalli	Channarayapatna
65	Palya	Channarayapatna
66	Doddakurubarahalli	Channarayapatna
67	Maradiana	Channarayapatna
68	Ibasapura	Channarayapatna
69	Gummanahalli	Channarayapatna
70	Gopasandra	Channarayapatna
71	Konaginabele	Channarayapatna
72	Varadenahalli	Channarayapatna
73	Papanahalli	Channarayapatna
74	Devanayakanahalli	Gangavara Chowd
75	Kavadedasarahalli	Gangavara Chowd
76	Bhatramarenahalli	Gangavara Chowd
77	Kaggalahalli	Gangavara Chowd
78	Somathanahalli	Gangavara Chowd
79	Kondenahalli	Gangavara Chow
80	Gangavara Chowdappana Halli	Gangavara Chow
81	Narayanapura	Gudla Muddenaha
82	Sambaragiddada kavalu	Gudla Muddenaha
83	Chinnappanayakana Hosur	Gudla Muddenaha

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
84	Ranganathapura	Gudla Muddenaha
85	Gudla Muddenahalli	Gudla Muddenaha
86	Chikkenahalli	Gudla Muddenaha
87	Pura	Gudla Muddenaha
88	Kommasandra	Gudla Muddenaha
89	Haralur Nagenahalli	Gudla Muddenaha
90	Bhattrenahalli	Gudla Muddenaha
91	Shettahalli	Gudla Muddenaha
92	Vijayapura Amanikere	Gudla Muddenaha
93	Yaluvahalli	Gudla Muddenaha
94	Venkatenahalli	Gudla Muddenaha
95	Chandenahalli	Gudla Muddenaha
96	Doddamuddenahalli	Harohalli
97	Thimmahalli	Harohalli
98	Harohalli	Harohalli
99	Bullahalli	Harohalli
100	Chikkanahalli	Harohalli
101	Thindlu	Jalige
102	Juttanahalli	Jalige
103	Aradeshahalli	Jalige
104	Maragondanahalli	Jalige
105	Chikkannanahosahalli	Jalige
106	Jalige	Jalige
107	Bettenahalli	Jalige
108	Kamenahalli	Jalige
109	Indrasanahalli	Jalige
110	Hegganahalli	Jalige
111	Nagamangala	Jalige
112	Singrahalli	Jalige
113	Chowdenahalli	Kannamangala
114	Ilathore	Kannamangala
115	Uganavadi	Kannamangala
116	Kempalingapura	Kannamangala
117	Mulli Amanikere	Kannamangala
118	Thimmegowdana Hosahalli	Kannamangala
119	Bandaramanahalli	Kannamangala
120	Palya	Kannamangala
121	Doddappanahalli	Kannamangala
122	Kempathimmanahalli	Kannamangala
123	Jogahalli	Kannamangala
124	Sadahalli	Kannamangala
125	Pujanahalli	Kannamangala
126	Kannamangala	Kannamangala
127	Meesaganahalli	Karahalli
128	Thylagere	Karahalli
129	Kempathimmanahalli	Karahalli
130	Moodiganahalli	Karahalli
131	Karahalli	Karahalli
132	Karahalli Amanikere	Karahalli
133	Kottigethimmanahalli	Karahalli

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
134	Sonnenahalli	Karahalli
135	Muddanayakanahalli	Karahalli
136	Yambarahalli	Karahalli
137	Dasarahalli	Karahalli
138	Rabbanahalli	Koira
139	Ramanathapura	Koira
140	Mayasandra	Koira
141	Koira	Koira
142	Chikkagollahalli	Koira
143	Shanappanahalli	Koira
144	Vajarahalli	Koira
145	Mangondanahalli	Koira
146	Aruvanahalli	Koira
147	Chapparadahalli	Koira
148	Doddagollahalli	Koira
149	Koramangala	Koramangala
150	Byrapura	Koramangala
151	Dandiganahalli	Koramangala
152	Kondenahalli	Koramangala
153	Guduvanahalli	Koramangala
154	Kundana	Kundana
155	Chinnakempanahalli	Kundana
156	Alurdoddanahalli	Kundana
157	Bannimangala	Kundana
158	Sunnagatta	Kundana
159	Banimangala Amanikera	Kundana
160	Bachahalli	Kundana
161	Sulakunte	Kundana
162	Venkatapura	Kundana
163	Lingadeeragollahalli	Kundana
164	Doddacheemanahalli	Kundana
165	Dyavarahalli	Kundana
166	Pandithapura	Kundana
167	Neraganahalli	Kundana
168	Arasanahalli Peddanahalli	Kundana
169	Devaganahalli	Kundana
170	Cheemachanahalli	Nallur
171	Muddenahalli	Nallur
172	Nallur Amari	Nallur
173	Nallur	Nallur
174	Nallappanahalli	Nallur
175	Mallepura	Nallur
176	Balepura	Nallur
177	Kanchipura	Nallur
178	Bidalapura	Nallur
179	Bidalapura Amanikere	Nallur
180	Mallenahalli	Nallur
181	Jonnahalli	Nallur
182	Doddasagarahalli	Venkatagirikote
183	Hurlagurki	Venkatagirikote

SL NO	GRAMA PANCHAYAT NAME	NAME OF THE VILLAGE
184	Bingipura	Venkatagirikote
185	Mudugurki	Venkatagirikote
186	Hosahudya	Venkatagirikote
187	Thatamachanahalli	Venkatagirikote
188	Venkatagirikote	Venkatagirikote
189	Byadarahalli	Vishwanathapura
190	Byradenahalli	Vishwanathapura
191	Chikkobanahalli	Vishwanathapura
192	Beerasandra	Vishwanathapura
193	Vishwanathapura	Vishwanathapura
194	Solur	Vishwanathapura
195	Setterahalli	Vishwanathapura
196	Kasaba plantation	Vishwanathapura
197	Bommawara	Vishwanathapura
198	Chikkachimanahalli	Vishwanathapura
199	Chikka Thattamangala	Yaleyur
200	Dodda Thattamangala	Yaleyur
201	Thimmanahalli	Yaleyur
202	Gaddadanagenahalli	Yaleyur
203	Mandibele	Yaleyur
204	Gejjaguppe	Yaleyur
205	Dharmapura	Yaleyur
206	Binnamangala	Yaleyur
207	Gokare	Yaleyur
208	Thammenahalli	Yaleyur
209	Kommasandra	Yaleyur
210	Yaleyur	Yaleyur
211	Gokere Bachenahalli	Yaleyur
212	Mattabaralu	Yaleyur
213	Bammanahalli	Yaleyur
214	Hire Amanikere	
215	Vijayapura (TMC)	
216	Devanahalli (TMC)	

APPENDIX - B

LIST OF TANKS IN BENGALUR RURAL DISTRICT SERVING MORE THAN 40 HECTERS

Maintained by Minor Irrigation Department

TANKS IN NELAMANGALA

Sr No	Village Town Name	Name of the Tank	WSA (ha)	Achut (ha)
1	ARASINAKUNTE	ARASINAKUNTE KERE	25.50	44.80
2	BARDI	BARDIKERE	22.26	130.20
3	BILLANAKOTE	BILLANAKOTE KERE	30.35	53.30
4	DEVARAHOSAHALLI	DEVARAHOSAHALLI KERE	48.00	160.00
5	GOLLAHALLI	GOLLAHALLI KERE	10.80	54.00
6	HALENIJAGAL	HALENIJAGAL KERE	20.00	97.53
7	HONNARAYANAHALLI	HONNARAYANAHALLI KERE	12.40	40.90
8	KAMBAL	KAMBALKERE	16.40	51.20
9	KULUVANAHALLI	KULUVANAHALLI KERE	78.40	52.40
10	MANNE	MANNE AMANIKERE	114.93	83.40
11	MARALAKUNTI	MARALAKUNTE KERE	20.00	73.25
12	NELAMANGALA	NELAMANGALA KERE	25.20	59.20
13	NIDAVANDA	NIDAVANDA KERE	51.80	62.70
14	OBALAPURA	OBALAPURA KERE	31.02	53.00
15	SRINIVASAPURA	SRINIVASAPURA KERE	12.58	44.00
16	T BEGUR	T BEGURKERE	48.00	114.00
17	THYAMAGONDLU	BIDALUR GANGAMMANAKERE	42.49	57.50
18	THYAMAGONDLU	THYAMAGONDLUHIREKERE	88.50	200.30
19	THYAMAGONDLU	SONDALAVADIKERE	53.60	199.40
20	MADAGA	MADAGA TANK	29.60	80.90
21	DODDABELE	DODDABELE KERE	23.60	57.40
		TOTAL	805.43	1769.38

TANKS IN DEVANAHALLI

Sr No	Village Town Name	Name of the Tank	WSA (ha)	Achut (ha)
1	ALURDODDANAHALLI	ALURUDODDANAHALLI KERE	22.40	47.04
2	ARADESHAHALLI	ARADESHAHALLI KERE	76.40	119.10
3	AVATHI	AVATHI AMANIKERE	134.32	45.02
4	BANNIMANGALA	BANNIMANGALA KERE	170.12	84.01
5	BETTAKOTE	BETTAKOTE KERE	341.00	212.46
6	BIDALAPURA	BIDALAPURA KERE	135.30	80.53
7	BUDIGERE	BUDIGERE KERE	388.00	161.88
8	CHANNARAYAPATNA	CHANNARAYAPATNA KERE	622.74	53.43
9	CHIKKASANNE	CHIKKASANNE KERE	145.29	139.61
10	KARAHALLI	KARAHALLI AMANIKERE	62.40	169.24
11	KONAGINABELE	KONAGINABELE AMANIKERE	130.00	87.49
12	VIJAYAPURA AMANIKERE	VIJAYAPURA AMANIKERE KERE	115.00	145.30
13	GUDUVANAHALLI	GUDUVANAHALLI KERE	103.00	88.12
14	HANDRAHALLI	HANDRA HALLI KERE	542.37	81.37
15	JALIGE	JALIGE KERE	70.37	84.80
16	DEVANAHALLI	DEVANAHALLI AMANI KERE	134.32	45.02
		TOTAL	3193.03	1644.42

TANKS IN DODDABALLAPURA

Sr No	Village Town Name	Name of the Tank	WSA (ha)	Achut (ha)
1	ARALAMALLIGE	ARALAMALLIGE KERE	51.25	165.65
2	AROODI	AROODI KERE	60.00	64.35
3	BEEDIKERE	BEEDIKERE KERE	35.20	74.06
4	CHIKKAHEJJAJI	CHIKKAHEJJAJI KERE	117.00	189.40
5	DANDU DASAKODIGEHALLI	DANDU DASAKODIGEHALLI K	10.64	48.56
6	DOD BALLAPURA	NAGARAKERE	70.00	60.70
7	DODDA TUMKUR	DODDA TUMKUR KERE	24.30	111.70
8	DODDAHEJJAJI	DODDAHEJJAJI KERE	47.35	50.59
9	GULYA	GULYA NANDIGUNDAKERE	17.00	43.86
10	GUNDUMEGERE	GUNUDUMEGERE KERE	74.00	404.69
11	HADRIUPRA	HADRIPURA KERE	41.00	70.28
12	HANABE	HANABEDODDA KERE	71.05	122.95
13	HONNAVARA	HONNAVARA KERE	29.30	86.31
14	KADANUR	KADANUR HIREKERE	18.50	42.00
15	KANASAVADI	MDHURKERE	198.00	291.00
16	KANCHIGANALA	KANCHIGANALA BACHEGOW	10.01	43.89
17	KENJIGANAHALLI	KENJIGANAHALLI KERE	12.00	43.89
18	KESTHUR	KESTHUR KERE	42.00	50.59
19	KOLUR	KOLUR KERE	30.88	53.31
20	KONAGHATTA	KONAGHATTA AMANIKERE	60.00	68.44
21	KOTTIGE MACHENAHALLI	KOTTIGE MACHENAHALLIKERE	12.00	61.90
22	LINGANAHALLI	LINGANAHALLI KERE	30.27	113.31
23	MACHENAHALLI	MACHENAHALLI KERE	20.20	184.76
24	MADAGONDAHALLI	MADAGONDAHALLI KERE	28.00	52.06
25	MADAGONDAHALLI	MACHAGONDAHALLI KERE	6.02	62.70
26	MELEKOTE	MELEKOTE KENCHEGOWDAN	13.00	43.72
27	MELEKOTE	MELEKOTE KERE	26.88	68.80
28	MUDLAKALENAHALLI	MUDLAKALENAHALLI KERE	9.04	93.08
29	PALANJOGIHALLI	PALANJOGIHALLI KERE	73.00	52.15
30	RAJAGHATTA	RAJAGHATTA KERE	58.00	46.86
31	SHIVAPURA	SHIVAPURA AMANI KERE	96.00	104.01
32	SIMPADIPURA	SIMPADIPURA KERE	15.50	48.56
33	SONNENAHALLI	SONNENAHALLI KERE	39.02	77.38
34	SRIRAMANAHALLI	SRIRAMANAHALLI KERE	13.60	112.50
35	TALAGAVARA	TALAGAVARA KERE	30.71	74.06
36	THIPPAPURA	THIPPENAHALLIKERE	31.00	40.48
37	THIPPUR	THIPPUR TIMMAMMANAKERE	29.00	101.86
38	THIRUMAGONDANAHALLI	THIRUMAGONDANAHALLI KERE	47.50	81.00
39	UJJANI	UJJANI GOWRAMMANAKERE	41.23	57.51
		TOTAL	1639.45	3562.92

TANKS IN HOSKOTE

Sr No	Village Town Name	Name of the Tank	WSA (ha)	Achut (ha)
1	AREHALLI	AREHALLI KERE	32.00	43.00
2	ATTIVATTA	ATTIVATTA KERE	16.00	60.00
3	ATTUR	ATTUR KERE	28.00	54.00
4	BELLIKERE	BELLIKERE KERE	40.00	51.00
5	DODDAHULLUR	DODDAHULLUR AMANIKERE	300.00	212.00
6	DODDANALLURAHALLI	DODDANALLURAHALLI KERE	38.00	43.00
7	ESTHUR	ESTHUR AMANIKERE KERE	30.50	43.50
8	BETIAHALLI	BETTAHALLI KERE	47.00	40.00
9	HASIGALA	HASIGALA KERE	38.00	82.00
10	HOSKOTE	HOSKOTE CHIKKAKERE	150.00	48.00
11	HOSKOTE	HOSKOTE AMANI DODDAKERE	1300.00	939.27
12	KODIHALLI	KODIHALLI KERE	75.00	79.00
13	KOLATHUR	KOLATHUR KERE	40.50	63.00
14	BHUVANAHALLI	BHUVANA HALLI KERE	62.00	40.00
15	KURUBARAHALLI	KURUBARAHALLI KERE	10.50	50.00
16	MAKANAHALLI	MAKANAHALLI KERE	38.00	43.00
17	MALLASANDRA	MALLASANDRA KERE	10.50	69.00
18	MEDIMALLASANDRA	MEDIMALLASANDRA KERE	32.00	47.00
19	NELAVAGILU	NELAVAGILU KERE	44.00	43.00
20	NIDAGATTA	NIDAGATTA KERE	55.00	46.00
21	SULIBELE	SULIBELE CHIKKA KERE	63.00	196.00
22	THAVAREKERE	THAVAREKERE KERE	90.00	62.00
23	THENEYUR	THENEYUR KERE	66.80	78.00
24	VAGATA AGRAHARA	VAGATA AGRAHARA KERE	28.00	48.00
25	KONDARA HALLI	KONDARA HALLI KERE	7.00	42.00
26	SAMETHANAHALLI	SAMETHANAHALLI KERE	10.00	40.00
		TOTAL	2651.80	2561.77

APPENDIX – C

List of villages facing Acute Water Problem

LIST OF VILLAGES FACING WATER PROBLEM

NELAMANGALA TALUK

Sl. No.	GRAMA PANCHAYAT		Village Names
1	Vishweshwarapur	1	Obanayakanahalli
2	Agalkuppe	1	Kamalapur
		2	Lakkur
		3	Lakshmipur
		4	Anchemane
		5	Agalkuppe
3	Arrebommanahalli	1	Arrebommanahalli
4	Soldevanahalli	1	Mantanakurchi
		2	Joudsandra
5	Basavanahalli	1	Basavanahalli Valmiki Nagar
		2	Betthallipalya
6	Doddabelle	1	Isuvanahalli
7	Hasiruvalli	1	Bairanayakanahalli
8	Kalalghatta	1	Totanahalli
		2	Alanayakanahalli
		3	Govenahalli
9	Kodigehalli	1	Hottappanapalya
		2	Karimaranahalli
		3	Ballagere
10	Kuluvanahalli	1	Kasarghatta
		2	Geddalhalli
		3	Mahimapur
11	Manne	1	Manne
		2	Tavarekere
12	Shivgange	1	Kambalu, Teachers Colony
		2	Basavapattana
		3	Huriyappanapalya
		4	Narayanapur
		5	Shivgange, Navagram
		6	Gangenpur

13	Shrinivaspur	1	Yalachgere
		2	Yalachgere Colony
		3	Madalkote
		4	Marasarahalli
14	Sompur	1	Pemmanhalli
		2	Bharatipur
15	T. Begooru	1	Anandnagar
		2	Timlapur
	Total Villages	38	

DEVANAHALLI TALUK

Sl. No.	GRAMA PANCHAYAT		Village Names
1	Anneshwar	1	Baichapur
		2	Akkalenhalli Mallenhalli
2	Avati	1	Attibele
		2	Avati
		3	Hosakurubarakunte
3	Bettakote	1	Chikkahosahalli
4	Bijjavar	1	Bijjavar
5	Bidalur	1	Savakanahalli
6	Gangavarchoudappanahalli	1	Gangavar
		2	Choudapanahalli
		3	Devanayakanahalli
		4	Somattanahalli
7	Kannamangala	1	Iltore
		2	Sadahalli
		3	Uganavadi
8	Kundana	1	Paddanahalli
		2	Doddachimanahalli
		3	Sunnaghatta
		4	Naraganahalli
		5	Bachahalli
		6	Dinnur
9	Nalluru	1	Nalluru
		2	Chikkahosahalli
		3	Nallapanahalli

10	Venkatagirikote	1	Singavar
		2	Hurulagurki
11	Channahalli	1	Boodihal
		2	Agalkote
		3	Polanhalli
12	Kormangala	1	Dandiganahalli
		2	Kormangala
13	Karahalli	1	Dasarahalli
		2	Muddanayakanahalli
		3	Misaganahalli
14	Vishwanathapur	1	Soloor
		2	Bommavar
		3	Solurudinne
15	Jalige	1	Panditpur
		2	Tindlu
		3	Juttanhalli
16	Harohalli	1	Harohalli
		2	Chikkanahalli
17	Yaliyoor	1	Doddatattamangala
		2	Tammenahalli
	Total Villages	44	

DODDABALLAPUR TALUK

Sl. No.	GRAMA PANCHAYAT		Village Names
1	Bashettihalli	1	Varadanahalli
		2	Bisuvanahalli
		3	Kasuvanahalli
		4	Arehalliguddadahalli
2	Dargajogahalli	1	Dargajogahalli
3	Tipooru	1	Tipooru
		2	Chilenahalli
		3	Nagashettihalli
		4	Gangasandra
4	Sakkaragollahalli	1	Bhimaravutanahalli
		2	Chikkakalenahalli
5	Kadanoor	1	Kadanoor

		2	Madagondanahalli
6	Kestoor	1	Kestoor
		2	Huskooru
		3	Kuntanahalli
		4	Kugonahalli
		5	Kugonahalli Colony
		6	Honnaghatta
7	Aroodi	1	Kilarlahalli
		2	Chikkagundappanayakanahalli
8	Doddabelavangal	1	Chikkabelavangal
9	Hadripur	1	Chikkahejjaji
10	Hosahalli	1	Hosahalli
		2	Gundugere
		3	Ujjani
11	Kantanakunte	1	Mallatahalli
12	Tubugere	1	Kuruvigere
		2	Karnal
		3	Hiremuddenhalli
13	Hulikunte	1	Hulikunte
14	Kanasavaladi	1	Kannamangalpalya
15	Hadonhalli	1	Hadonhalli
		2	Tirumagondanahalli
		3	Gollahalli
16	Kodigehalli	1	Palanajogahalli
		2	Kurubarahalli
17	Honnavara	1	Honnavara
		2	Shakaladevipur
		3	Nallenahalli
		4	Honnadevipur
18	Bhaktarahalli	1	Bhaktarahalli
		2	Bommanahalli
19	Doddatumkur	1	Doddatumkur
20	Hanabe	1	Neraleghatta
	Total Villages	45	

HOSAKOTE TALUK

Sl. No.	GRAMA PANCHAYAT		Village Names
1	Mugbal	1	Halashalli
2	Kambalipura	1	Doddakoliga
		2	Chikkakoliga
		3	Bhimakkanahalli
		4	Muttukadahalli
3	Doddahullooru	1	Sonnadenhalli
4	Lakkondahalli	1	Kammasanda
		2	Venkatapur
		3	Lakondhalli
		4	Vabhasandra
		5	Hasigal
5	Soolibele	1	Soolibele (8 Ward)
6	Kumbalahalli	1	Shankanipur
		2	Kupparahalli
7	Doddagattiganabbe	1	Chikkagattiganabbe
		2	Sarkariguttahalli
8	Devanagundi	1	Obalapur
		2	Doddadunnasandra
9	Giddappanahalli	1	Giddappanahalli
		2	Valagerepur
		3	Attibele
10	Jadigenahalli	1	Karibiranahosahalli
11	Nandaguri	1	Vaddahalli
12	Doddaralagere	1	Hosadimbhalli
		2	Gullahalli
13	Bailanarasapur	1	Gundrahalli
		2	Bailanarasapur
14	Anugondanahalli	1	Medimallasandra
15	Orohalli	1	Taggalihosahalli
		2	Gonakanahalli
	Total Villages	30	

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