GOVERNMENT OF KARNATAKA
Department of Revenue (Disaster Management)

Memorandum

Submitted to Government of India

Seeking Central Assistance For Drought Mitigation Measures

In Karnataka State During Rabi 2016

FEBRUARY 2017

MEMORANDUM
SUBMITTED TO GOVERNMENT OF INDIA SEEKING CENTRAL ASSISTANCE FOR DROUGHT MITIGATION MEASURES IN KARNATAKA STATE DURING RABI 2016

GOVERNMENT OF KARNATAKA
REVENUE DEPARTMENT (DM)

FEBRUARY 2017

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Memorandum Submitted to Government of India seeking central assistance for Drought Relief Measures in Karnataka State during Rabi-2016.

Executive Summary

1. Karnataka is experiencing unprecedented severe drought condition as it is facing the fourth consecutive seasonal drought and the 6th consecutive drought year in a row from 2011 to 2016. During Kharif 2016, the State has declared 139 out of 176 talukas as drought affected. A memorandum seeking financial assistance of Rs.4702.54 crore as per SDRF/NDRF norms was submitted to Govt. of India on 15-11-2016. The High Level Committee has approved release of Rs.1782.44 cr, which is yet to be released. The North East monsoon commenced on 30th October 2016 with a delay of 30 days and recorded only 54 mm of rainfall as against 188 mm with a deficiency of (-) 71% which is classified as **"large deficient"** as per IMD classification. The rainfall recorded during the 2016 North-East monsoon is the lowest in the last 45 years i.e., since 1971. After analysing the seasonal condition of the Rabi crop on critical parameters prescribed in the "Revised Manual for Drought Management - December 2016" such as: Rainfall deficiency; moisture adequacy index; Agricultural sown area; and Hydrological indices, 160 taluks out of 176 taluks have been declared as drought affected during Rabi 2016. The prolonged dry spell has adversely impacted agricultural yields and water resources across the State.
2. The northern districts of Karnataka account for nearly 90% of the total Rabi area in the State. The major crops grown during Rabi are Jowar, Bengal gram, Wheat, Maize, Sunflower, Safflower, Linseed etc. Sowing of Rabi crops was taken up in an area of 25.98 lakh hectares as against target of 32.25 lakh hectares. But prolonged dry spell during Rabi season caused set back in area coverage of Rabi crops especially Jowar, Wheat and Sunflower crops. Moisture stress due to continuous dry-spell has adversely affected agricultural crops in 13.5 lakh ha and horticultural crops in 15092 ha. The estimated loss due to agriculture and horticulture crops loss is Rs. 7097.86 crore. This is the second year in succession wherein both Kharif and Rabi crops have been badly affected due to drought. The problems of farmers have been further compounded by low market prices of various crops especially Tur, even when there is a shortfall in production in the State. This phenomenon has arisen due to bountiful harvest because of good rains in other States. The glut in production in other States has triggered fall in prices. This has led to further distress among the farming

community who have already suffered crop losses due to severe drought and floods. The currency crunch due to demonetization has reduced the trade volume in Agriculture Produce Marketing Committee (APMC) markets by 38%. Though 152 out of 158 APMC markets in Karnataka have rolled out online unified marketing platform, still bulk of transaction with farmers are done by cash.

3. Due to 6 consecutive droughts, the storage in all major reservoirs plummeted to dead storage level. As on 31st December 2016 as against the total Live Storage of **825 TMC**, only **315 TMC** of water was stored, which constitutes **38%** of the total capacity in all the 13 major reservoirs. The storage in Cauvery basin is only **15%** of the live storage and storages in Bhadra, Tungabadra and Malaprabha are **34%**, **8%** and **19%** respectively. The water in these reservoirs is the major source for drinking, irrigation, and power generation in the State. The Government has given directions to use existing water in the reservoirs exclusively for drinking water purpose. Presently, 440 villages and 204 urban wards are supplied drinking water through tankers. State has identified 4120 habitation which is likely to require supply of drinking water tanker during the summer. The State is envisaging severe drinking water crisis in the ensuing summer and is taking all possible measures to mitigate drinking water crisis.
4. Out of 3600 minor irrigation tanks in the state more than **53%** are dry or with insignificant storages at the end of December 2016 and 1431 tanks have completely dried up. The poor storage in M.I tanks along with persistent drought conditions prevailing consecutively for the sixth year has resulted in significant depletion of ground water and adversely affecting the water quality with very high ranges of total dissolved solids.
5. The levels in Linganamakki and Supa dams which are major reservoirs for hydel power have plummented and has severely impacted hydel power generation. Out of total installed capacity of 10600 MW, hydel power constitutes 3562 MW. The State is able to manage the power demand by procuring 334.64 MU at a cost of Rs. 162 crores on short term basis. The State will have to procure power at high cost to meet the deficit in hydel power generation. There is a need to provide additional power to the State from the central generating stations.
6. To mitigate the impact of drought and to arrest urban migration, under MGNREGA more than 8 lakh works are being undertaken and 5.34 crore person days have been generated in drought affected taluks as of 20th January 2017. Further 12.14 lakh

households have been provided with employment and 52,146 households have already completed 100 days of employment. During the current year, more than 98,000 drought proofing works like construction of Bunds, Farm ponds, Multi arch check dams, Bore well recharge structures, River and Tank Rejuvenation works, Gokatte and Open wells have been undertaken under MGNREGA. In view of the severe drought situation prevailing in these blocks, Ministry of Rural Development, Government of India has revised the labour budget from 6.07 cr. person days to 10 cr. person days.

7. There are 121 lakh fodder dependent animals in 160 drought affected taluks. Presently, there is 67.61 lakh tons of dry fodder which is expected to suffice for the next 14 weeks. However, in a few districts, fodder availability will suffice only for 3 to 4 weeks. Due to prolonged drought, there has been significant reduction in post-harvest crop residues which has led to severe fodder shortage. To overcome fodder shortage, 4 lakh minikits have been distributed to farmers free of cost to grow green fodder. Presently, 42 goshalas (cattle camps) housing 51,879 cattle and 84 fodder banks where fodder is supplied at a highly subsidized rate of Rs.2 per Kg are operational. The prolonged dry spell has also affected the quality of milch cattle and draught animals.
8. The State Governments response to mitigate drought has been swift, effective and collaborative. To mitigate the adverse impact of drought, State has released Rs 490 crore towards supply of emergency drinking water, establishing Goshalas, fodder banks and other drought mitigation works. Rs.200 crore has been released to Task forces of 189 drought affected constituencies to take up drought mitigation measures. Urban Development Department has released Rs.195 crore for supply of drinking water in ULBs and drinking water schemes in Urban area.
9. To ensure effective implementation of drought mitigation measures and to review drought mitigation works taken up by the district administrations, State Government has constituted 4 Cabinet Sub-committees comprising of 4 senior Ministers at revenue division level. The Cabinet Sub-committees has been touring drought affected districts and holding meetings with all stakeholders to resolve issues related to drought mitigation. Hon'ble Chief Minister has also extensively toured the drought affected districts to take stock of the situation. The State has accorded highest priority to drinking water supply and completion of drinking water schemes, fodder availability and employment generation.

10. The State has enrolled about 96% of farmers who have taken up Rabi sowing under PMFBY.
11. With depleting ground water levels, ongoing water supply schemes with surface water as source need to be expeditiously completed. Energization of drinking water installation is given a top priority and 2,270 drinking water installations were energized. Measures are taken to replace the failed transformers feeding drinking water installations within 24 hours.
12. Revenue Department has developed "Parihara" an innovative web based application to enable direct benefit transfer (DBT) through Aadhaar Enabled Payment Service, i.e., transferring input subsidy amount directly into the Aadhaar seeded bank/postal accounts of intended beneficiaries. The Parihara application captures land details (survey no. wise), crop loss details, Aadhaar details and Bank account details of farmers. RTC and owner ship details are fetched from Bhoomi database, thus facilitating accurate targeting of the beneficiary. Parihara will ensure transparency and speed disbursal of Input subsidy.
13. Department of Agriculture had estimated that 13.57 lakh ha of agriculture crops have suffered more than 33% loss amounting to Rs.6993 crores (area affected of small and marginal farmers is 8.95 lakh ha and other than small and marginal farmers is 4.61 lakh ha). As per revised guidelines, assistance sought for input subsidy for Rabi 2016 is Rs.919 crores.
14. Department of Horticulture had estimated 15,092 ha of horticulture crops have suffered more than 33% loss amounting to Rs.104 crores (area affected of small and marginal farmers is 10,162 ha and other than small and marginal farmers is 4,930 ha). As per revised guidelines, assistance sought for input subsidy for Rabi 2016 is Rs.24 crores.
15. An amount of Rs.202 crores is required for Cattle care.
16. For managing Drinking water Rs.1772 crores is required in Rural areas and Rs. 276 crores is required in Urban areas.
17. Rs.115 crores is required for emergency supply of drinking water through tankers in Rabi drought affected 160 taluks.

Summary of Relief Claimed and Loss due to drought during Rabi 2016

(Rs. in crores)

Sl. No	Item	Estimated Loss	Relief claimed as per SDRF Norms
1	**Assistance for Agriculture Crop loss**	**6993.58**	**919.92**
2	**Assistance for Horticulture Crop Loss**	**104.28**	**24.21**
3	**Animal Husbandry**		
	Assistance for purchase of 16 lakh fodder minikits for drought declared taluks		40.00
	Opening of Goshalas to maintain 500 animals for 90 days 105 cattle camps@ of Rs.50.00 lakhs for each Goshala		52.50
	Establishment of 400 Fodder Banks/Fodder Depot		80.00
	Assistance for Medical care for cattle		20.00
	Assistance for cattle feed, mineral mixture and tonics etc		10.00
	Sub Total		**202.50**
4	**Drinking Water:** Tanker Supply of drinking water		115.20
	Water supply works in drought declared taluks in Rural Areas		1772.25
	Water supply works in Urban Areas		276.75
	Sub Total		**2164.20**
Total (sub total of 1 to 4)		**7097.89**	**3310.83**

The total Estimated Loss due to drought in the State: Rs.7097.89 Crores

Assistance sought from Government of India under NDRF: Rs.3310.83 Crores

Amount spent by the State Government for drought:

SDRF	**Rs.366.90 crore**
Urban Development Dept	**Rs.195.10 crore**
Rural Development and Panchayat Raj	**Rs.201.00 crore**
Total	**Rs.763.00 crore**

1. Introduction:

The State of Karnataka is located between 11.50 to 18.50 N latitudes and 74.25 to 78.50 E longitudes and covers an area of 1,91,976 Sq Km, which accounts for 5.8 percent of the total area of the country. The State is composed of 30 districts divided into 176 Taluks (Fig.1). These Taluks are further divided into 747 hoblis and 5628 Gram Panchayats. The state is bounded by Goa in the northwest, Maharashtra in the north, Andhra Pradesh in the east, Tamil Nadu in the south and Kerala in the south west. It has four major regions namely, North Interior Karnataka (NIK), South Interior Karnataka (SIK), Malnad region and Coastal region. It has four administrative divisions' viz. Mysuru division, Kalaburgi division, Belagavi division and Bengaluru division.

The climate of the State is determined mainly by the geographical location with respect to the sea, monsoon winds and physiography. Karnataka State has sub-humid climate on the West Coast and Western Ghats and semi-arid to arid (very warm) climate in central and northern districts of plateau region. The year is divided into four seasons viz., winter (December-January-February), summer (March to May); South-West monsoon (June to September) and North East monsoon (October to November). The occurrence of rainfall and its spatial distribution is highly variable and not dependable. Taluk wise Normal rainfall of the state varies from 477 mm to 4747 mm. Rainfall contribution is very high, from Southwest Monsoon Season (around 80% of the state rainfall), it is seen that the annual rainfall is highest (4747mm) over the Western Ghats and lowest (477mm) in the eastern parts of Chitradurga district. Taluk wise annual rainfall variation is increasing over most of the taluks in south interior Karnataka. More than 2/3rd of the State receives less than 750 mm of rainfall. Taluk wise Annual variability (CV) of the rainfall ranges from 16 to 40%. The atmospheric temperature in the State ranges from 43°C to 23°C in summer and 27°C to 9°C in winter. Hailstorms are common in plateau region of the State during pre-monsoon period.

There are different kinds of soil types in the State, because of complex topographic, geologic, vegetation and climatic conditions. These soil resources are characterized, mapped and grouped taxonomically under Alfisols (27% of TGA), Inceptisols (25% of TGA), Entisols (16% of TGA), Vertisols (15% of TGA). Ultisols, Aridisols and Mollisols cover 8%,

5%, 1%, of TGA respectively. Traditionally, these soils can be grouped under five categories Viz., Red soils, Lateritic soils, Black soils, Alluvial soils, Forest soils.

According to Agri Census 2010-11, Karnataka state has about 121.62 lakh ha of cultivable area which is 65 % of the total geographic area of the state. About 34.4 lakh ha is Net irrigated area (35 % of net cultivated area) and about 65.01 lakh ha is the net rainfed cultivated area. Karnataka has the second largest area under rain-fed agriculture after Rajasthan in the country. Nearly 55% of total food grain production and 74% of oilseeds production come from rain-fed agriculture in Karnataka. Therefore rain-fed agriculture plays an important role in total food grain production in the State. Further the rain-fed agriculture has substantial untapped potential, this can be brought to use by increasing the crop yields in the dry land areas through the adoption of proper dry-land production technologies.

The State is spread over 27,481 villages. In Karnataka, agriculture is the major occupation for a majority of the rural population. As per Census 2011, agriculture supports 13.74 million workers, of which 23.61 per cent are cultivators and 25.67 per cent agricultural workers. The agricultural sector of Karnataka is characterized by vast steppes of drought prone region and sporadic patches of irrigated area. Thus, a large portion of agricultural land in the State is exposed to the vagaries of monsoon with severe agro-climatic and resource constraints. Agriculture employs more than 60 per cent of Karnataka's work force.

Agriculture in Karnataka is heavily dependent on the southwest monsoon. The state ranks fifth in India in terms of total area under horticulture. It stands fifth in production of vegetable crops and third in fruit crop production. It is also the largest producer of spices, aromatic and medicinal crops and tropical fruits. It is the second largest milk-producing state after Gujarat. Karnataka is also the second largest producer of grapes in the country, and accounts for the production of 12 per cent of total fruits, 8 per cent of total vegetables and 70 per cent of coffee in the country. It is the third largest producer of sugar and ranks fourth in sugarcane production. In floriculture, Karnataka occupies the second position in India. Karnataka is the major silk producing state in the country.

2. Incidence and Spread of Drought during Rabi 2016 in Karnataka State.

Karnataka State is reeling under drought condition of rare severity. The State witnessed severe drought condition consecutively for 6 years from 2011 to 2016. During 2016 State has been experiencing drought in Kharif and extended during Rabi season also.

During Kharif 2016 State has declared 139 taluks as drought affected and submitted a revised memorandum to Ministry of Agriculture and Farmers Welfare on November 2016 for financial assistance of Rs.4702.54 crores under NDRF which is under consideration with Government of India. During North East monsoon season (Rabi) the major part of the State recorded scanty rainfall resulting in tremendous stress on the socio-economic condition of the State.

Consequently, the Govt of Karnataka notified 160 taluks falling in all the 30 districts of the state as drought affected. This chapter deals with all the factors which indicate incidence and spread of drought in the state.

2. 1. RAINFALL DURING NORTH-EAST MONSOON

After a delayed withdrawal of Southwest monsoon, Northeast monsoon commenced over South Peninsular India from the 30th October, 2016. Generally, withdrawal of Southwest monsoon gives good rain over the State, but this year it failed to rain, North-east monsoon started with weak monsoon activity with one or two spells over coastal and Malnad regions of the state. South Interior Karnataka witnessed Normal monsoon condition during 1st-2nd November whereas Malnad & Coastal regions observed Normal to Active monsoon conditions during 1st-2nd and 15th-16th November. No other appreciable rainfall events were witnessed during November and the monsoon remained weak over the State for the rest of the days.

2.2. Rainfall During October 2016:

Rainfall during October is important to take up the Rabi sowings in the state. The State as a whole recorded an actual amount of **29 mm** of rainfall as against the normal rainfall of **136 mm** with percentage departure from normal being **(-) 78 %.** Thus the State as a whole is classified under "**Scanty**" Category.

Meteorological sub division-wise rainfall indicates that percentage departure from Normal was **(-) 85%** in South Interior Karnataka, **(-) 80%** % in North Interior Karnataka, **(-) 81%** in Malnad region and **(-) 57%** in Coastal Region. (Fig.1)

2.3. Rainfall during November 2016

The State as a whole recorded an actual amount of **8 mm** of rainfall as against the normal rainfall of **41 mm** with percentage departure from normal being **(-) 80%.** Thus the State as whole is classified under "**Scanty**" Category.

Meteorological sub division-wise rainfall indicates that percentage departure from Normal was **(-) 90%** in South Interior Karnataka, **(-) 89 %** in North Interior Karnataka, **(-) 65%** in Malnad region and **(-) 58%** in Coastal Region. (Fig.2)

2.4. Rainfall during December 2016

The State as a whole recorded an actual amount of **17 mm** of rainfall as against the normal rainfall of **10 mm** with percentage departure from normal being **(-) 64%.** Thus the State as whole is classified under "**Scanty**" Category.

Meteorological sub division-wise rainfall indicates that percentage departure from Normal was **(+) 174%** in South Interior Karnataka, **(-) 67 %** in North Interior Karnataka, **(+) 94%** in Malnad region and **(-) 54%** in Coastal Region. (Fig.3)

Monsoon conditions were Normal over South Interior Karnataka & Malnad during 2^{nd}-6^{th} December, due to Cyclone '**Nada'**, whereas it was Normal to Vigorous over the State from 13^{th}-15^{th} December under the influence of Cyclone **"Vardah"**.

2.5. Rainfall during North-east monsoon 2016

During North east monsoon the State as a whole recorded an actual amount of **54 mm** of rainfall as against the normal rainfall of **188 mm**. with percentage departure from normal being **(-) 71%,** classified under **Scanty Category.**

Meteorological sub division-wise rainfall indicates that percentage departure from Normal was **(-) 68%** in South Interior Karnataka, **(-) 81 %** in North Interior Karnataka, **(-) 68%** in Malnad region and **(-) 57%** in Coastal Region.

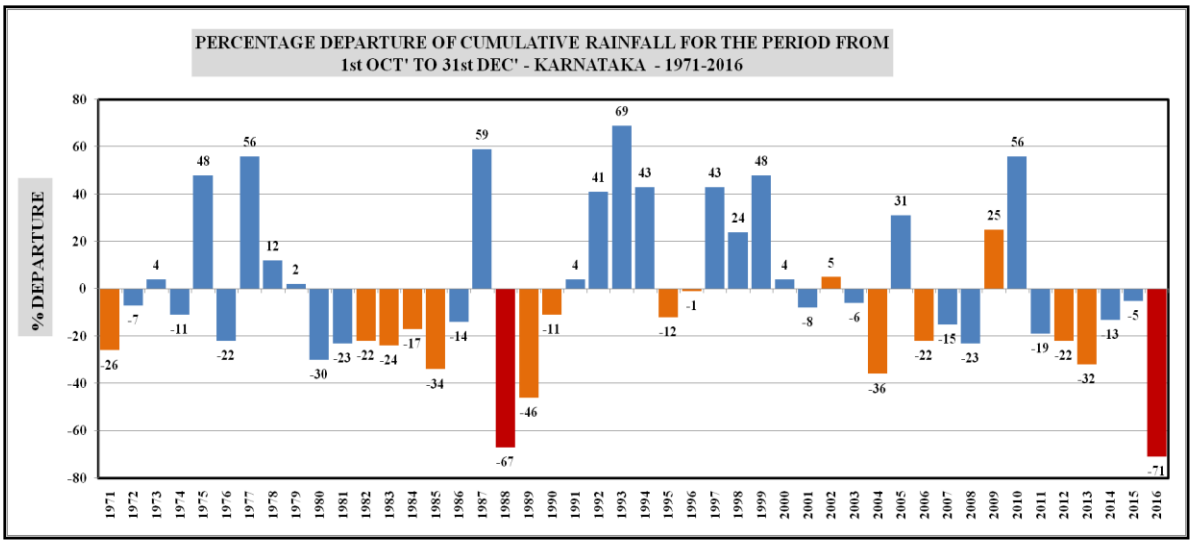
District wise Rainfall pattern during North-east monsoon 2016:

Rainfall Category	No. Of Districts	Name of the District
Excess (≥20%)	0	-
Normal (-19 to +19%)	1	Bidar
Deficit (-20 to -59%)	4	Bengaluru urban, Bengaluru rural, Kolara, Uttara Kannada
Scanty (-60 to -99%)	25	Ramanagara, Chikkaballapura, Tumakuru, Chitradurga, Chamarajanagara, Mysuru, Davanagere, Mandya, Gadag, Haveri, Dharwad, Ballari, Koppala, Raichur, Kalaburagi, Yadgir, Belagavi, Bagalkote, Vijayapura, Hassan, Shivamogga, Chikkamagaluru, Kodagu, Dakshina Kannada and Udupi

Taluk wise Rainfall pattern during North-east monsoon 2016: Out of 176 taluks rainfall was deficit in 169 taluks which constitutes 96% of the total taluks. Taluk wise rainfall pattern is given in the Form -1 and depicted in Fig-4.

Sl. No.	Category	No.of taluks	
1	Excess (≥20%)	0	7 (4%)
2	Normal (-19 to +19%)	7	
3	Deficit (-20 to -59%)	27	169 (96%)
4	Scanty (-60 to -99%)	142	

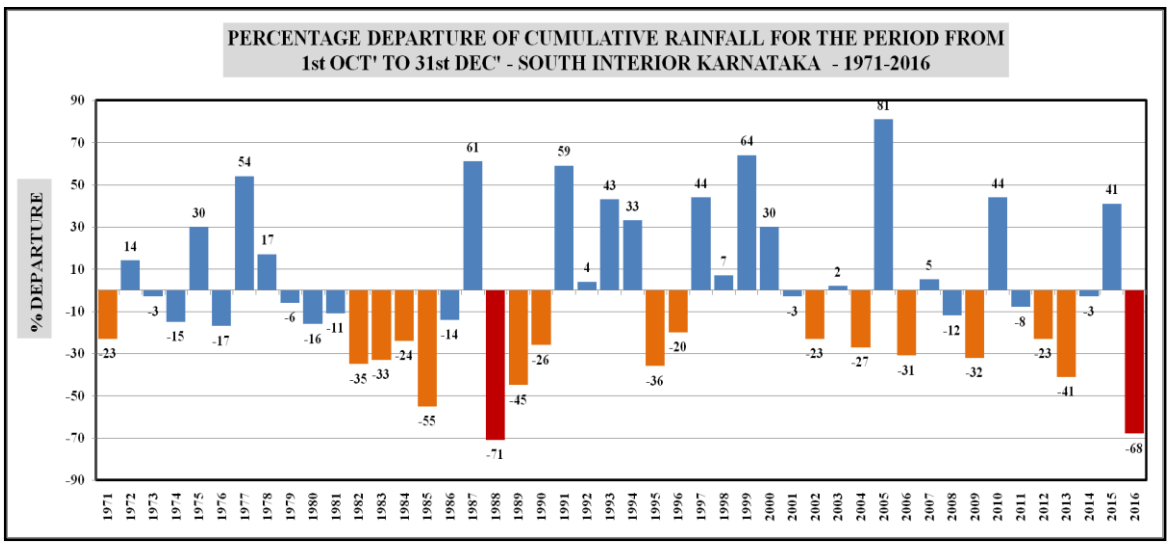
The percentage departure of rainfall from normal during Northeast Monsoon since 1971, for the **State** as a whole, is presented in the figure below:



Perusal of the above figure indicates that the percentage departure of Northeast Monsoon 2016 rainfall for the Karnataka is **(-) 71%,** which is the lowest in last 45 years i.e., since 1971.

The **South Interior Karnataka** region as a whole recorded an actual amount of 67 mm of rainfall against the normal rainfall of 210 mm with percentage departure from normal being (-) 68%. Thus the South Interior Karnataka region as a whole is classified under "SCANTY" Category.

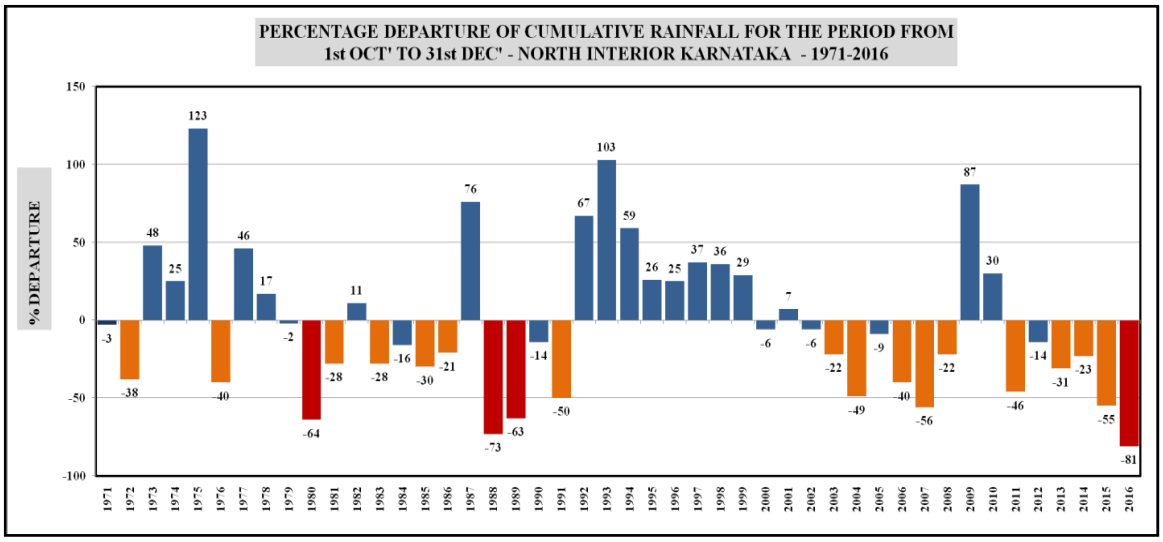
The percentage departure of rainfall from normal during Northeast Monsoon since 1971, for the South Interior Karnataka region as a whole, is presented in the figure below:



Perusal of the above figure indicates that the percentage departure of Northeast Monsoon 2016 rainfall for the South Interior Karnataka region is (-) 68 %, which is the 2nd lowest negative departure since 1971.

The **North Interior Karnataka** region as a whole recorded an actual amount of **27 mm** of rainfall against the normal rainfall of **145 mm** with percentage departure from normal being **(-) 81%.** Thus the North Interior Karnataka region as a whole is classified under "**SCANTY**" Category.

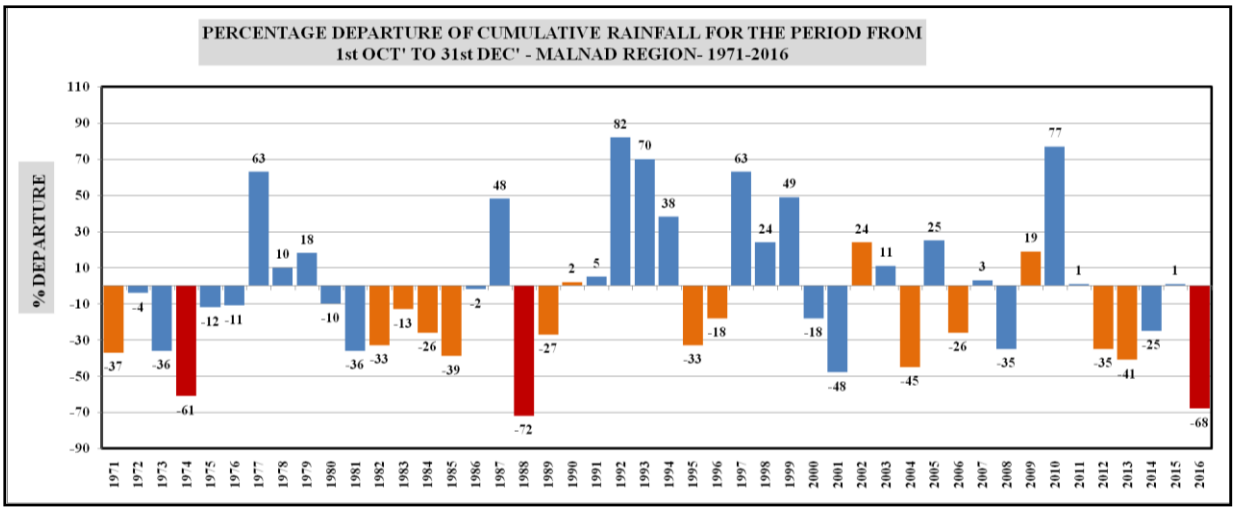
The percentage departure of rainfall from normal during Northeast Monsoon since 1971, for the North Interior Karnataka region as a whole, is presented in the figure below:



Perusal of the above figure indicates that the percentage departure of Northeast Monsoon 2016 rainfall for the North Interior Karnataka region is **(-) 81%,** which is the lowest negative departure since 1971.

The **Malnad** region as a whole recorded an actual amount of **74 mm** of rainfall against the normal rainfall of **228 mm** with percentage departure from normal being **(-) 68%.** Thus the North Interior Karnataka region as a whole is classified under "**SCANTY**" Category.

The percentage departure of rainfall from normal during Northeast Monsoon since 1971, for the Malnad region as a whole, is presented in the figure below:



Perusal of the above figure indicates that the percentage departure of Northeast Monsoon 2016 rainfall for the Malnad region **is (-) 68%,** which is the 2nd lowest negative departure since 1971.

3. DRY SPELL PATTERN DURING NORTHEAST MONSOON 2016

During the period from 1st October to 31st December 2016, which constitutes 12 standard weeks, as many as 111 taluks of 28 districts have experienced dry spell for ≥6 consecutive weeks. The total number of dry spells in each of the taluks is given in the table and depicted in Fig.-5.

4. MOISTURE ADEQUACY INDEX (MAI) 2016

As on 31st December 2016, about 94% of the geographical area in the State was under severe to moderate moisture stress condition. During this period as many as 165 taluks of 30 districts are under Moisture Stress condition (Fig.-6), which can be classified under severe to moderate drought affected taluks.

5. NORMALISED DIFFERENCE VEGETATION INDEX (NDVI) 2016

The agricultural crop condition is monitored based on normalized difference vegetation index (NDVI) information derived from MODIS Terra satellite data. The NDVI values for vegetation generally range from 0.2 to 0.6, the higher index values being associated with greater green leaf area and biomass. (Fig.7)

Satellite based crop condition anomalies which point towards agricultural drought can be generated by computing Vegetation Condition Index NDVI deviations from the normal

years. Normal NDVI is generated by averaging the NDVI of 3 recent normal years (2005,2007,2010). Such comparisons enable minimization of the effect on account of the differences in cropping pattern and crop calendar.

6. DROUGHT INDICATORS:

Guidelines in the Drought Manual 2009, Ministry of Agriculture and Cooperation, Govt. of India, are being followed for drought declaration in the State. Rainfall deficiency of more than 20% of the normal, ≥ 6 consecutive weeks of dry spell, Moisture Adequacy Index (MAI), Normalized Difference Vegetation Index (NDVI) along with crop area affected by deficit rainfall, were considered for identifying areas affected by drought.

KSNDMC has generated information on all drought indicators at HOBLI level with high spatial and temporal resolution rainfall data obtained from its extensive network of telemetric rain gauges.

By considering above said drought indicators, 160 taluks of all the 30 districts have been declared as drought affected. (Fig.-8) and (Annexure 1).

7. STORAGES IN MAJOR RESERVOIRS

In addition to above said indicators, hydrological aspects like storages in reservoirs, river flows, tanks and groundwater levels are also the characteristic features of drought.

As on 31st December 2016 as against the total Live Storage of 825.35 TMC, only 315.75 TMC of water was stored, which constitutes 38% of the total capacity in all the 13 major reservoirs. The deficient rainfall during this period has caused concern about the filling up these reservoirs which are major source of water for power generation, irrigation, drinking and industrial use.

MAJOR RESERVOIR STORAGE CAPACITY in (TMC) – 31-12-2016					
		Live Storage Capacity TMC	**Live storage as on 31/12/2016 TMC**	**Last year live Storage as on 31/12/2015 TMC**	**% Live Capacity to Live Storage**
1	Linganamakki	151.75	74.28	76.87	49
2	Supa	145.33	75.88	62.89	52
3	Varahi	31.10	14.40	17.15	46
		328.18	**164.56**	**156.91**	**50**
4	Harangi	8.07	2.14	0.25	27
5	Hemavathi	35.76	3.71	4.88	10
6	K.R.S.*	45.05	6.16	23.61	14
7	Kabini	15.67	3.76	5.68	24
		104.55	**15.78**	**34.42**	**15**
8	Bhadra	63.04	21.41	36.24	34
9	Tungabhadra	100.86	8.39	23.20	8
10	Ghataprabha	48.98	27.25	12.53	56
11	Malaprabha	34.35	6.47	4.65	19
12	Almatti	119.26	50.87	23.83	43
13	Narayanapura	26.14	21.04	12.46	80
		393	**135**	**113**	**34**

As on end of December 2016 the storages in Cauvery basin is only 15% of the live storage and storages in Bhadra, Tungabadra and Malaprabha 34%, 8% and 19% respectively and these storages are not enough for even drinking water requirements.

8. STORAGES IN MINOR IRRIGATION TANKS:

Out of total 3600 minor irrigation tanks in the State more than 53% of the tanks are dry or with insignificant storages by the end of December 2016. As per the latest statistics available out of 3600 tanks 2 tanks in South zone and 3 tanks in north zone are filled up to the full extent, 243 tanks are filled to an extent of 50% to 90%, 348 tanks are filled to an extent of 30% to 50% and 1109 tanks are filled up to 30%, while the remaining 1895 tanks are empty. This means due to the uneven distribution of rains and no rains at all, drought is prevailing in majority of area as far as the status of filling up tanks is considered.

Zonewise/ District-wise Status Of Minor Irrigation Tanks (Abstract)									
Sl No.	DISTRICT	No Of Tanks	Full Capacity mcft.	Total atchkat area designed	No.of tanks not received water	30%	31-50%	51-99%	100%
1	2	3	4	5	6	7	8	9	10
(a)	***Minor Irrigation South Zone as on 31/12/2016***								
1	Bangalore Urban	46	1400	4530	27	8	9	0	2
2	Bangalore Rural	98	3107	9681	71	15	12	0	0
3	Ramanagara	102	4216	15092	59	31	12	0	0
4	Kolar	138	5181	12147	120	8	10	0	0
5	Chikkaballapura	201	7863	19581	143	42	16	0	0
6	Tumkur	370	17,188	36,822	263	99	5	3	0
7	Chitradurga	133	6,678	17,472	89	44	0	0	0
8	Davanagere	92	5,145	11,325	82	3	7	0	0
9	Shimoga	306	3,594	22,981	93	155	58	0	0
10	Mysore	50	1,116	6,781	46	2	2	0	0
11	Chamarajnagar	64	2571	13088	56	3	4	1	0
12	Mandya	48	1,170	4447	41	5	2	0	0
13	Hassan	167	4877	12262	103	63	1	0	0
14	Chikkamagulur	123	3898	16786	74	34	12	3	0
15	Dakshina Kannada	2	7	131	1	0	0	1	0
16	Udupi	4	42	283	0	0	0	4	0
17	Kodagu	29	509	1948	29	0	0	0	0
South Total		***1973***	***68562***	***205355***	***1297***	***512***	***150***	***12***	***2***
					66%	**26%**	**8%**	**1%**	**0%**
(b)	***Minor Irrigation North Zone as on 31/12/2016***								
1	Belgaum	276	3300	30399	158	65	27	26	0
2	Bijapur	154	4348	28887	130	11	12	1	0
3	Bagalkote	64	1569	12072	57	2	0	5	0
4	Dharwad	112	1724	14048	4	85	23	0	0
5	Gadag	30	1315	8301	22	3	3	2	0
6	Haveri	263	4,048	23,403	20	214	21	8	0
7	Uttara kannada	91	1,735	7,080	43	41	7	0	0
8	Gulburga	160	3,819	27,705	22	4	51	80	3
9	Yadgiri	72	1,482	6,601	3	48	13	8	0
10	Bidar	124	2,920	21,143	5	22	17	80	0
11	Bellary	86	3617	13504	82	3	1	0	0
12	Koppala	122	1,937	15844	34	81	3	4	0
13	Raichur	73	1788	8779	18	18	20	17	0
North Total		***1627***	***33602***	***217766***	***598***	***597***	***198***	***231***	***3***
					37%	**37%**	**12%**	**14%**	**0%**
State Total (a & b)		***3600***	***102164***	***423121***	***1895***	***1109***	***348***	***243***	***5***
					53%	**31%**	**10%**	**7%**	**0%**

9. GROUND WATER LEVELS IN KARNATAKA STATE –NOVEMBER 2016

Groundwater level measurements from Ground water level monitoring stations in Karnataka were carried out by CGWB and State Ground water directorate. Out of a total network of 1494 stations, 1451 stations were monitored. The remaining 43 stations could not be monitored due to various reasons. Similarly, out of 440 piezometers, 258 piezometers were monitored; remaining 182 piezometers could not be monitored due to site-specific problems. A total of 118 Ground Water Monitoring Stations and 8 piezometers were found to be dry during the period. The water level data recorded from the GWMS with Annual fluctuation seasonal data and Decadal fluctuation data.

9.1. DEPTH TO WATER LEVEL during November 2016:

The depth to water level recorded in the State during November 2016 ranged from 0.05 mbgl to 30.30 mbgl. It is seen that out of 1429 stations' data analysed for the month, 13% of wells have water level less than 2 mbgl, 32% of wells have water level in the range of 2 to 5 mbgl and 38 % of wells have water level in the range of 5 to 10 mbgl. Thus, about 83% of the analysed wells have water level within 10 mbgl. Moderately deep water levels of 10 to 20mbgl are seen in 16% of wells and deep water levels of more than 20 m is found in about 1% of the analysed wells. A map showing the depth to water level in the ranges of less than 2, 2 to 5, 5 to10, 10 to 20 and more than 20 mbgl was prepared and is enclosed as 'Depth to Water Level November 2016 of Karnataka'. Water level in range of less than 2 mbgl occurs as small patches in almost all the districts of Karnataka State except Gadag, Dharwad, Haveri, Bagalkote, Mysuru, Chamarajnagar, Kodagu, Hassan, Ramnagara and Dakshina Kannada districts. The map shows that the water levels in the range of 2 to5 and 5 to 10 mbgl are the general water levels prevalent in the State. Depth to water level between 10-20 mbgl is observed as small patches in almost all the districts except in Bengalur Urban, Chikkaballapur and Udupi districts and water level more than 20 mbgl occur as small patches in Gadag, Koppal, Bagalkote and Dharwad districts.

9.2. WATER LEVEL FLUCTUATION, MEAN (November 2006 to November 2015)- November 2016

Mean groundwater level for the period November 2006 to November 2015is analysed and compared with the groundwater level in November 2016 for 1415 stations out of 1417 stations. **It is seen that, out of the 1415 stations compared, 340 stations accounting for 24%**

have shown a rise in water level during November 2016 as compared to the preceding decadal mean and the remaining 1075 stations accounting for 76 % have shown a fall in water level.

A map for the change in water levels showing rise/fall in the ranges of 0-2 m, 2-4 m and more than 4m was prepared and enclosed as 'Water Level Fluctuation Decadal Mean of (Nov 2006 to Nov 2015) – Nov 2016'of Karnataka (Fig 9). Major part of the State is showing fall in water level as compared to decadal mean water level of November 2006 - November 2015 with respect to November 2016 water level. In the rise category, water level showing less than 2 m is observed in parts of all most all the districts as minor patches. Rise in the range of 2-4 m is observed in Bengaluru Rural, Bengaluru Urban, Belgaum, Bidar, Vijayapura, Dakshina Kannada, Dharwad, Gadag, Kalaburagi, Yadgiri, Haveri, Kodagu, Kolar, Raichur, Shimoga, Chikkaballapur, Tumkur and Uttara Kannada districts. Rise of more than 4 m water level is observed as small patches in parts of Bengaluru Rural, Bidar, Tumkur, Kalaburgi, Yadgiri and Uttara Kannada districts. Fall in water level less than 2 m and 2-4 m is noticed in parts of almost all the districts. Fall of water level of more than 4 m is observed as small patches in all the districts except Bidar, Kalaburgi, Chikkaballapur and Kolar districts.

Hydrological parameters like water storages in Reservoir and Minor Irrigation Tanks levels are in very poor status. Depletion of ground water levels also exacerbates the drought situation in the State.

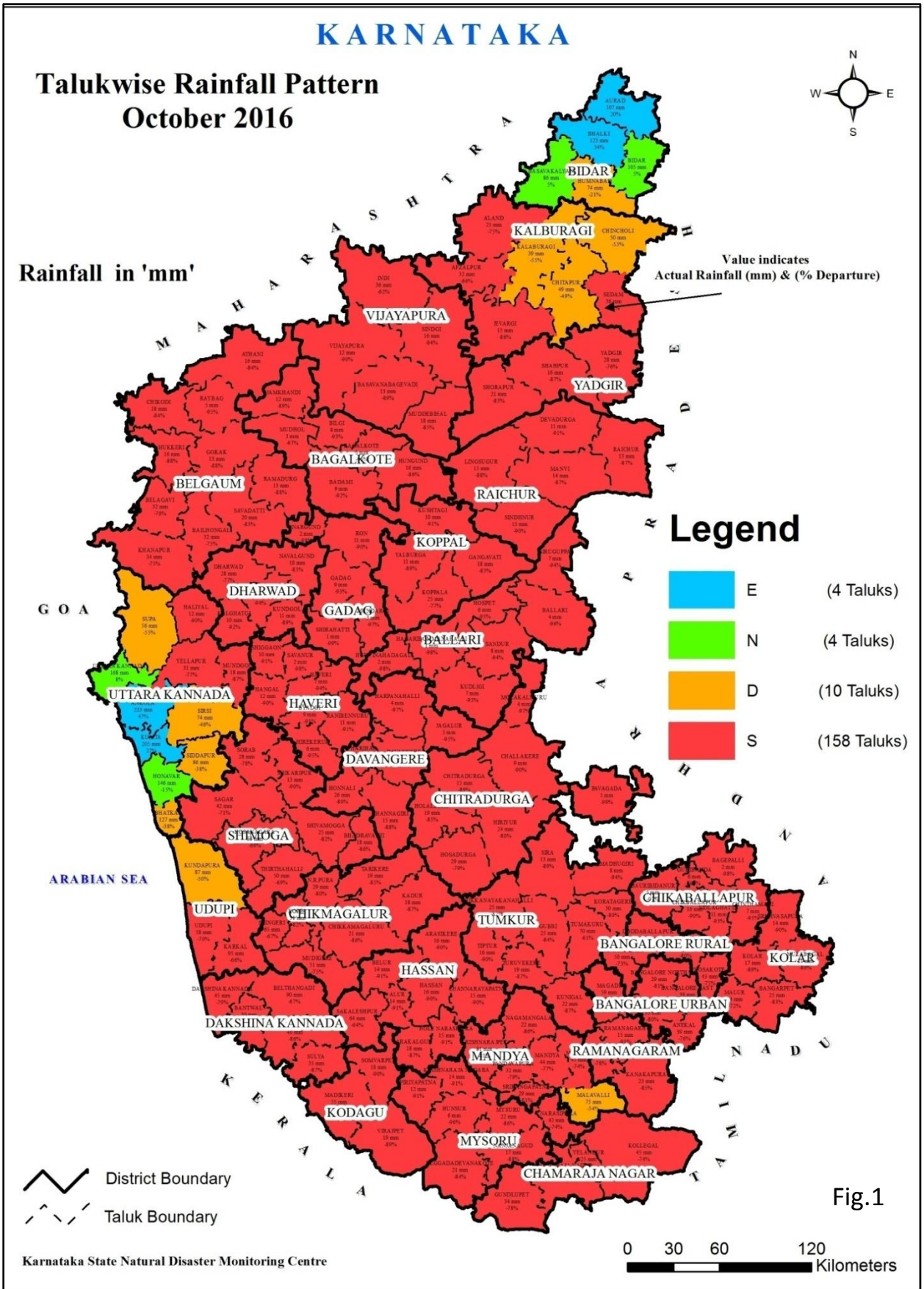


Fig.1

E : Excess (=>20%) N : Normal (-19 to +19%)
D : Deficient (-59 to -20%) S : Scanty (-99 to -60 %) NR : No Rainfall (-100 %)

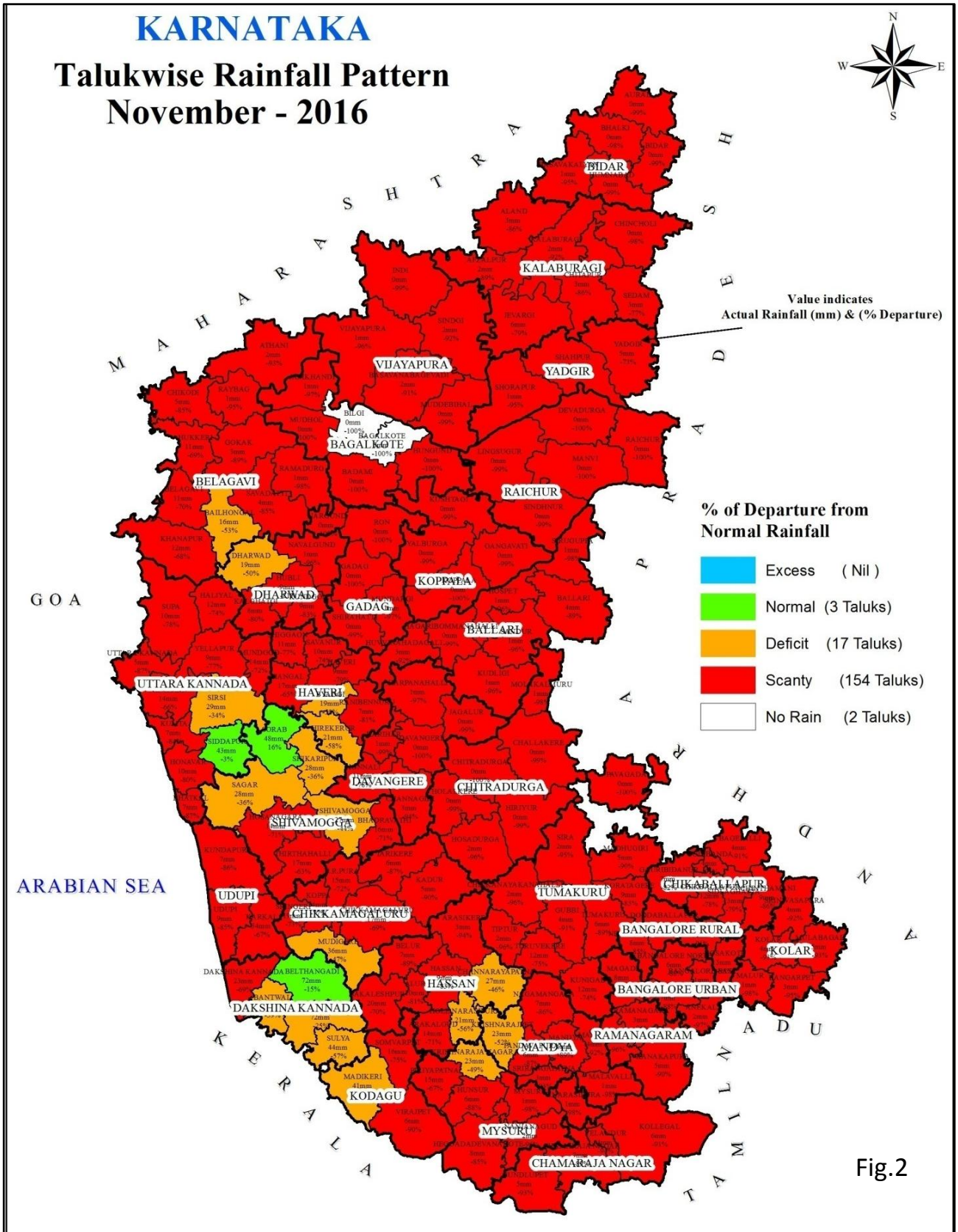


Fig.2

E : Excess (=>20%) N : Normal (-19 to +19%)
D : Deficient (-59 to -20%) S : Scanty (-99 to -60 %) NR : No Rainfall (-100 %)

KARNATAKA

Talukwise Rainfall Pattern
December 2016

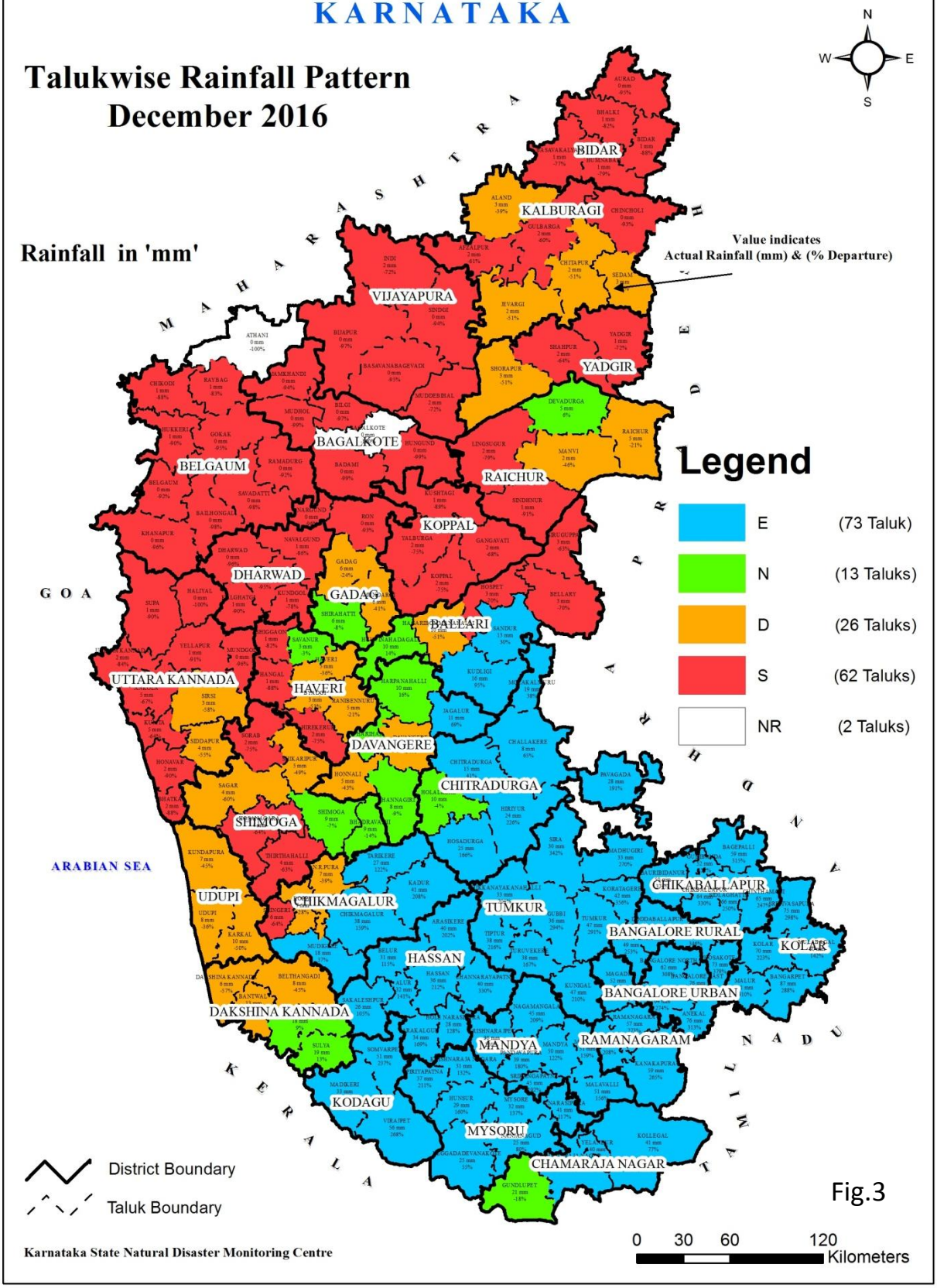


Fig.3

Karnataka State Natural Disaster Monitoring Centre

E : Excess (=>20%) N : Normal (-19 to +19%)
D : Deficient (-59 to -20%) S : Scanty (-99 to -60 %) NR : No Rainfall (-100 %)

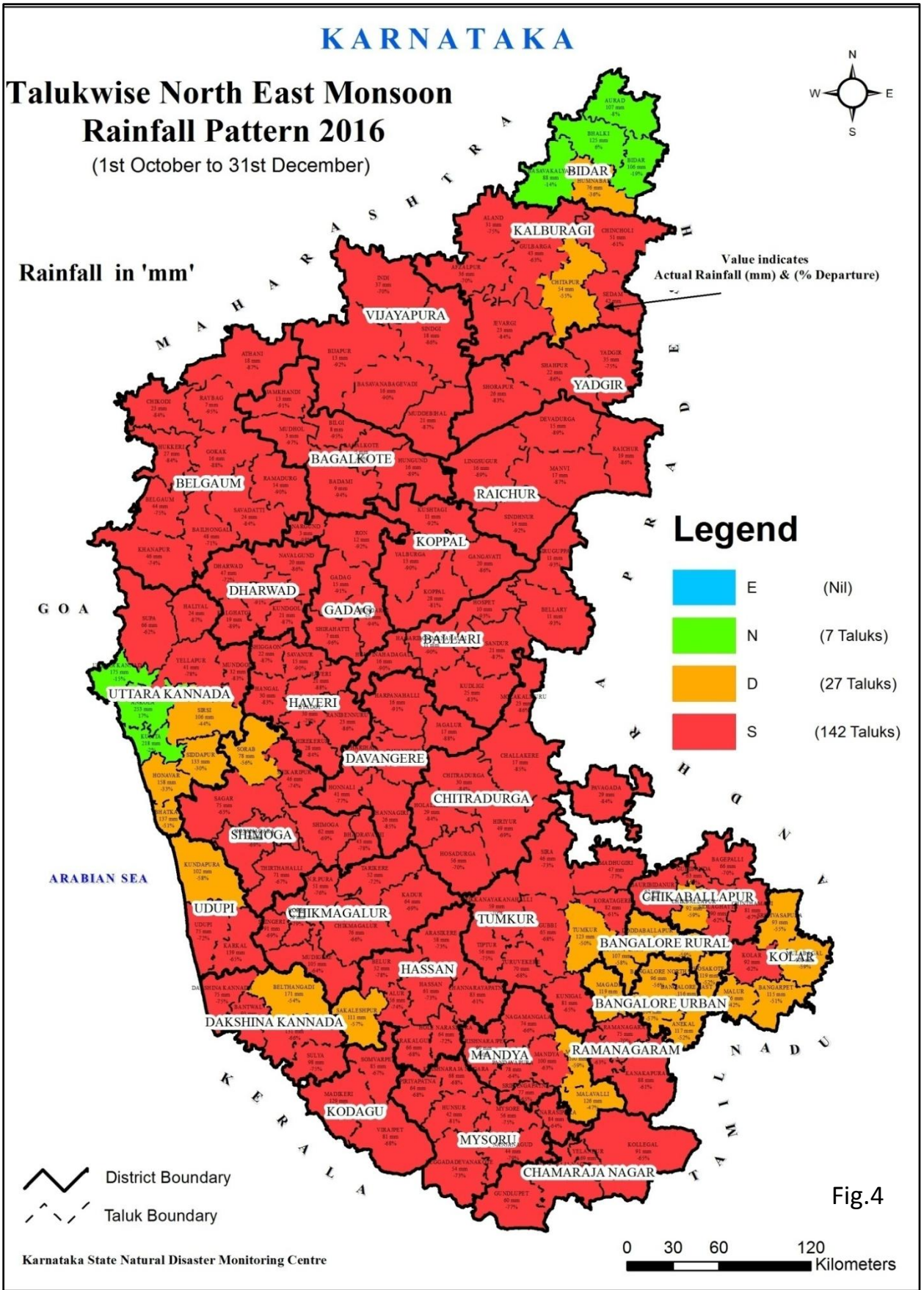


Fig.4

E : Excess (=>20%) N : Normal (-19 to +19%)
D : Deficient (-59 to -20%) S : Scanty (-99 to -60 %) NR : No Rainfall (-100 %)

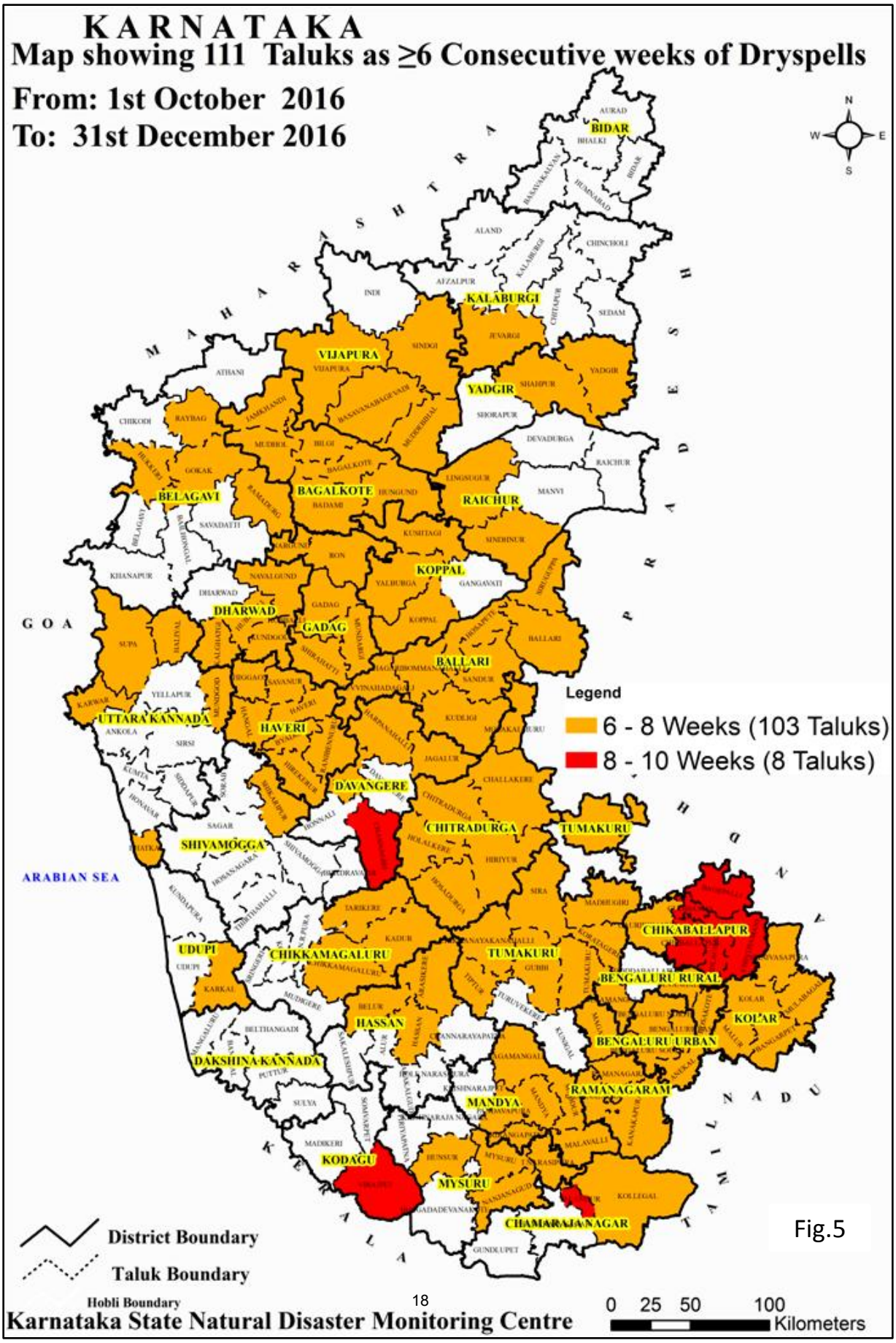

KARNATAKA
Map showing 111 Taluks as ≥6 Consecutive weeks of Dryspells
From: 1st October 2016
To: 31st December 2016
N
S
E
W
MAHARASHTRA
TELANGANA
ANDHRA PRADESH
GOA
TAMIL NADU
KERALA
ARABIAN SEA
BIDAR
KALABURGI
VIJAPURA
YADGIR
RAICHUR
BAGALKOTE
BELAGAVI
KOPPAL
DHARWAD
GADAG
BALLARI
UTTARA KANNADA
HAVERI
DAVANGERE
CHITRADURGA
TUMAKURU
SHIVAMOGGA
CHIKKABALLAPUR
UDUPI
CHIKKAMAGALURU
BENGALURU RURAL
KOLAR
HASSAN
BENGALURU URBAN
DAKSHINA KANNADA
RAMANAGARAM
MANDYA
KODAGU
MYSURU
CHAMARAJANAGAR
Legend
6 - 8 Weeks (103 Taluks)
8 - 10 Weeks (8 Taluks)
District Boundary
Taluk Boundary
Hobli Boundary
0 25 50 100
Kilometers
Karnataka State Natural Disaster Monitoring Centre

Fig.5

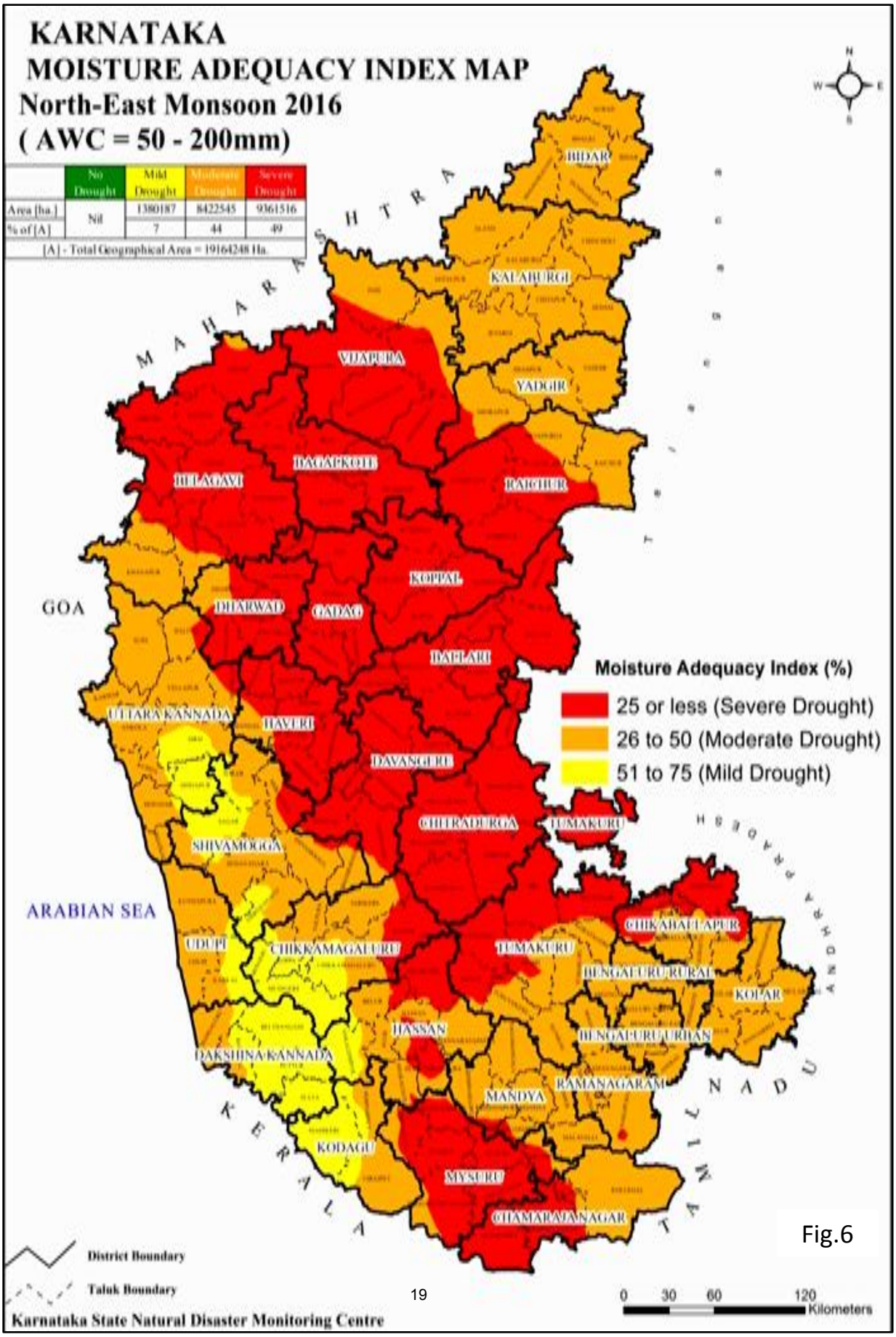

KARNATAKA
MOISTURE ADEQUACY INDEX MAP
North-East Monsoon 2016
(AWC = 50 - 200mm)
No Drought
Mild Drought
Moderate Drought
Severe Drought
Area [ha.]
Nil
1380187
8422545
9361516
% of [A]
7
44
49
[A] - Total Geographical Area = 19164248 Ha.
BIDAR
KALABURGI
VIJAPURA
YADGIR
BAGALKOTE
BELAGAVI
RAICHUR
KOPPAL
GOA
DHARWAD
GADAG
BALLARI
Moisture Adequacy Index (%)
25 or less (Severe Drought)
26 to 50 (Moderate Drought)
51 to 75 (Mild Drought)
UTTARA KANNADA
HAVERI
DAVANGERE
CHITRADURGA
TUMAKURU
SHIVAMOGGA
ARABIAN SEA
CHIKKABALLAPUR
UDUPI
CHIKKAMAGALURU
TUMAKURU
BENGALURU RURAL
KOLAR
HASSAN
BENGALURU URBAN
DAKSHINA KANNADA
RAMANAGARAM
MANDYA
KODAGU
MYSURU
CHAMARAJANAGAR
District Boundary
Taluk Boundary
Karnataka State Natural Disaster Monitoring Centre
0 30 60 120
Kilometers

Fig.6

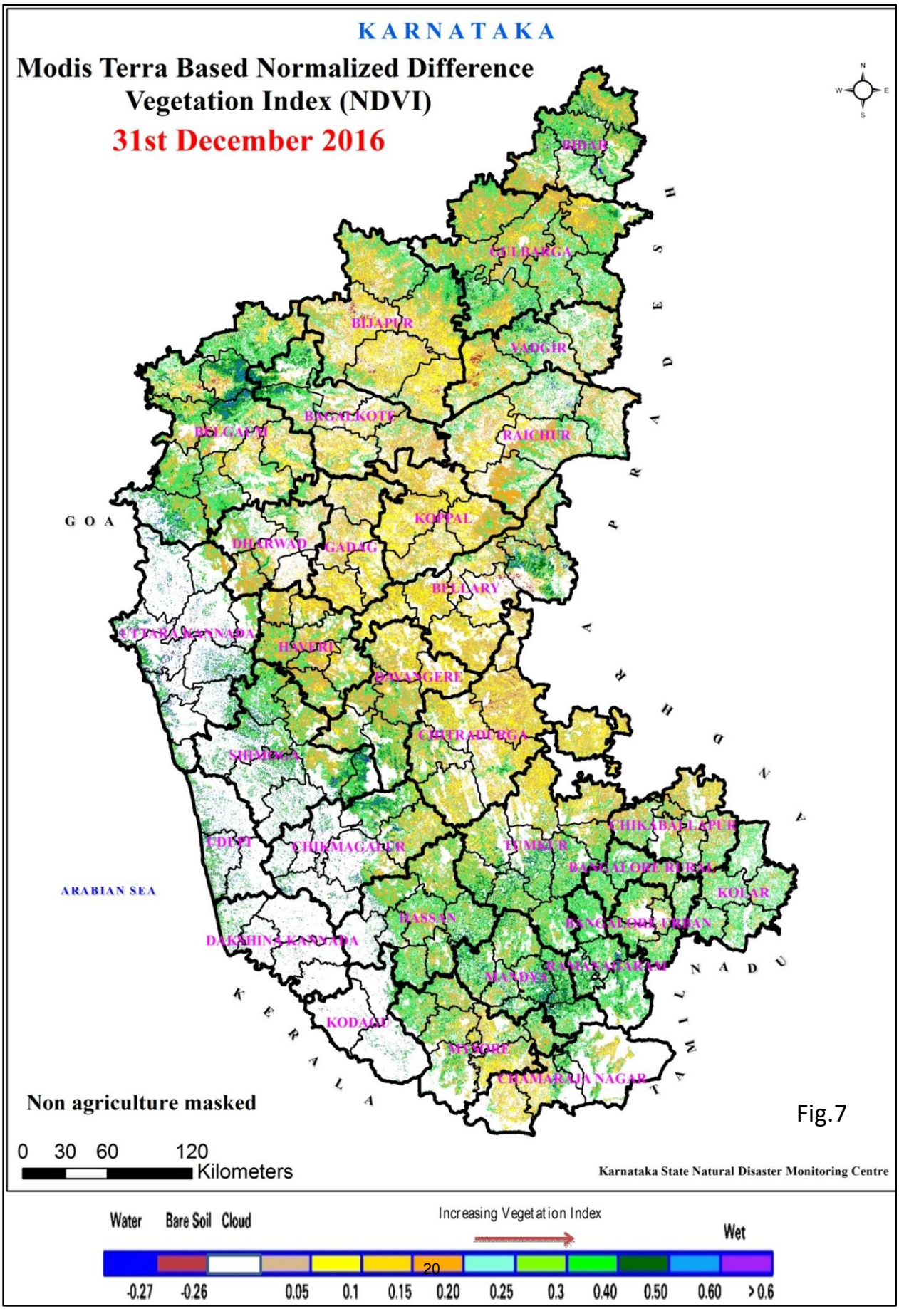

KARNATAKA
Modis Terra Based Normalized Difference Vegetation Index (NDVI)
31st December 2016
N
W
E
S
BIDAR
GULBARGA
BIJAPUR
VADGIR
BAGALKOTE
BELGAUM
RAICHUR
KOPPAL
GOA
DHARWAD
GADAG
BELLARY
UTTARA KANNADA
HAVERI
DAVANGERE
CHITRADURGA
SHIMOGA
CHIKABALLAPUR
UDUPI
CHIKMAGALUR
TUMKUR
BANGALORE RURAL
KOLAR
ARABIAN SEA
HASSAN
BANGALORE URBAN
DAKSHINA KANNADA
RAMANAGARAM
MANDYA
KODAGU
MYSORE
CHAMARAJA NAGAR
ANDHRA PRADESH
TAMIL NADU
KERALA
Non agriculture masked
0 30 60 120
Kilometers
Karnataka State Natural Disaster Monitoring Centre
Water
Bare Soil
Cloud
Increasing Vegetation Index
Wet
-0.27
-0.26
0.05
0.1
0.15
0.20
0.25
0.3
0.40
0.50
0.60
>0.6

Fig.7

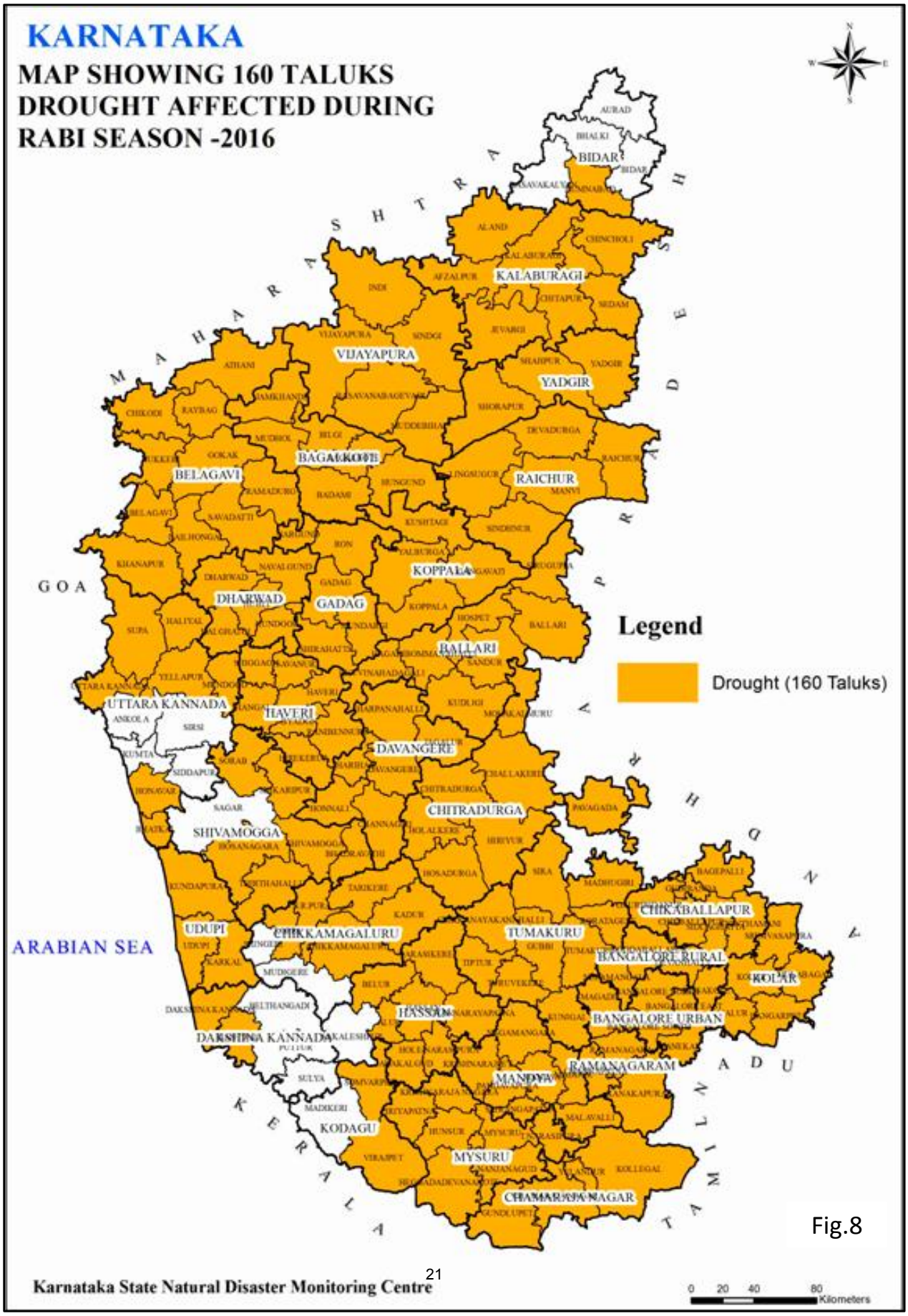

KARNATAKA
MAP SHOWING 160 TALUKS
DROUGHT AFFECTED DURING
RABI SEASON -2016
MAHARASHTRA
TELANGANA PRADESH
GOA
KERALA
TAMILNADU
ARABIAN SEA
BIDAR
KALABURAGI
VIJAYAPURA
YADGIR
RAICHUR
BAGALKOTE
BELAGAVI
KOPPALA
GADAG
DHARWAD
BALLARI
UTTARA KANNADA
HAVERI
DAVANGERE
CHITRADURGA
SHIVAMOGGA
CHIKKABALLAPUR
UDUPI
CHIKKAMAGALURU
TUMAKURU
BANGALORE RURAL
KOLAR
HASSAN
BANGALORE URBAN
DAKSHINA KANNADA
RAMANAGARAM
MANDYA
KODAGU
MYSURU
CHAMARAJANAGAR
Legend
Drought (160 Taluks)
Karnataka State Natural Disaster Monitoring Centre
0 20 40 80
Kilometers

Fig.8

Fig 4: WATER LEVEL FLUCTUATION KARNATAKA
(DECADAL MEAN NOVEMBER 2006-2015) TO NOVEMBER 2016

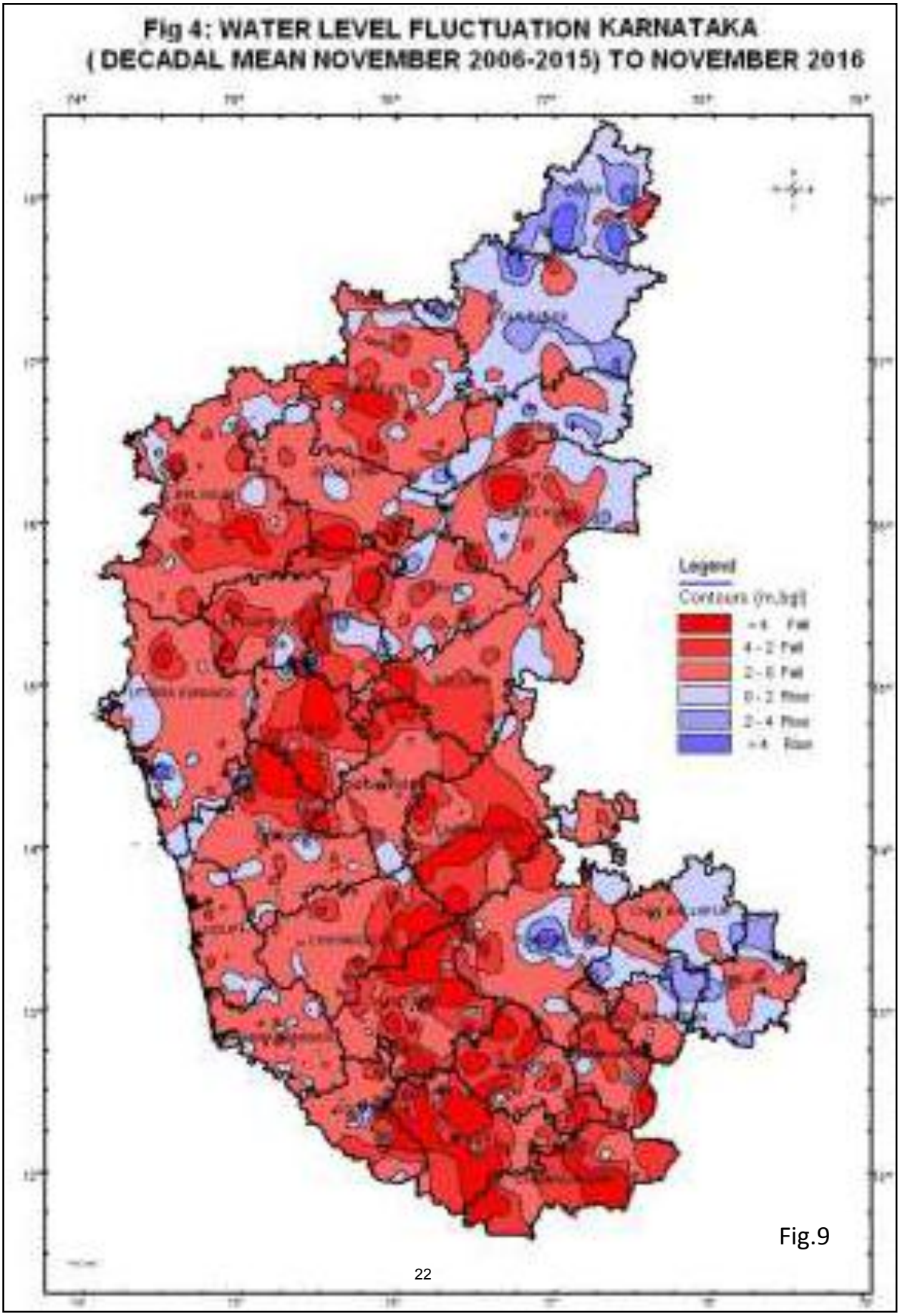


Fig.9

Proceedings of the Government of Karnataka

Sub: Declaration of certain taluks of the State as drought affected during Rabi 2016-17.

Read: Proceedings of the meeting of the Cabinet Sub Committee held on 10.01.2017

******

Preamble:

The Cabinet Sub Committee constituted under the Chairmanship of Hon'ble Revenue Minister to take stock of the drought, flood and other natural calamities in the State in its meeting held on 10.01.2017 reviewed the seasonal conditions arising from rainfall deficiency during Rabi 2016-17. The Director, KSNDMC has made a presentation to the committee that during Rabi 2016-17 (from 1st October to 31st Dec 2016) the State as a whole recorded an actual amount of 54mm rainfall against the normal rainfall of 188mm with percentage departure from normal being (-)71%. 587 hoblis of 147 taluks of 25 districts have not received any rain during this period. The severity of rainfall is the highest in last 46 years resulting to deplete of ground water level, moisture stress indicator in more than 92% area. As against the target of 32.25 lakhs hectare, the sowing was taken place in 24.69 lakhs ha only. The storage of water in major reservoirs are very poor, 7% of M.I tanks having 50% of water, in 40% M.I tanks storage capacity is 30% to 50% and 53% of M.I tanks are completely dried.

Due to failure of rainfall during Rabi 2016-17, the sown area agriculture and horticulture crops are completely damaged in few districts. Keeping the norms prescribed by Government of India in Drought Manual 2016 ie,. rainfall deficiency, moisture adequacy index, cumulative dry spell for more than 6 weeks and other parameters, the Cabinet Sub Committee has decided to declare 160 taluks out of 176 taluks of the State as severe drought affected taluks during Rabi 2016-17. Hence the following order.

Government Order No. RD 18 TNR 2017; Bengaluru, dated:24.01.2017

In the circumstances explained above, sanction of Government is accorded to declare 160 taluks of 30 districts annexed to this Government order as **severe drought affected taluks** during Rabi 2016-17, with immediate effect and continue to be effect for 6 months or until further orders whichever is earlier.

The concerned Deputy Commissioners of districts are directed to undertake joint survey to assess the crop loss in the drought affected taluks and submit report to Government immediately.

In view of the declaration of taluks as drought affected, it is ordered to take up relief employment works for landless and small farmers & marginal farmers, emergent supply of drinking water , supply of fodder, livestock protection and other drought releated works in the drought affected taluks, as per SDRF/NDRF norms.

By Order and in the name of the
Governor of Karnataka

Sd/-
(K.R Ravi kumar)
Under Secretary to Government
Revenue Department
(Disaster Management & Services-3)

Annexure to Government Order No: RD 18 TNR 2016; Dated: 24.01.2017

List of Taluks declared as Drought affected during Rabi 2016-2017

Sl.No.	District	Drought affected Taluks
1	BENGALURU-URBAN	1.ANEKAL 2.BENGALURU NORTH 3.BENGALURU SOUTH 4. BENGALURU EAST
2	BENGALURU-RURAL	5.DEVANAHALLI 6.DODBALLAPUR 7.HOSAKOTE 8.NELAMANGALA
3	RAMANAGARAM	9.CHANNAPATNA 10.KANAKAPURA 11.MAGADI 12.RAMANAGARA
4	KOLAR	13.BANGARAPET 14.KOLAR 15.MALUR 16.MULABAGAL 17.SRINIVASAPURA
5	CHIKBALLAPUR	18.BAGEPALLI 19.CHIKBALLAPUR 20.CHINTAMANI 21.GAURIBIDANUR 22.GUDIBANDA 23.SIDLAGHATTA
6	TUMAKURU	24.C.N. HALLI 25.GUBBI 26.KORATAGERE 27.KUNIGAL 28.MADHUGIRI 29.PAVAGADA 30.SIRA 31.TIPTUR 32.TUMAKURU 33.TURUVEKERE
7	CHITRADURGA	34.CHALLAKERE 35.CHITRADURGA 36.HIRIYUR 37.HOLALKERE 38.HOSADURGA 39.MOLAKALMURU
8	DAVANGERE	40.CHANNAGIRI 41.DAVANGERE 42.HARAPANAHALLI 43.HARIHAR 44.HONNALI 45.JAGALUR
9	CHAMARAJANAGAR	46.CHAMARAJANAGAR 47.GUNDLUPET 48.KOLLEGAL 49.YELANDUR
10	MYSURU	50.HEGGADADEVANAKOTE 51. HUNSUR 52.KRISHNARAJANAGAR 53.MYSURU 54.NANJANAGUD 55.PERIYAPATNA 56.T.NARASIPUR
11	MANDYA	57.KRISHNARAJAPET 58.MADDUR 59.MALAVALLI 60.MANDYA 61.NAGAMANGALA 62.PANDAVAPURA 63.SRIRANGAPATNA

12	BALLARI	64.BALLARI 65.HADAGALI 66.HOSPET 67.HAGARIBOMMANAHALLI 68.KUDLIGI 69.SANDUR 70.SIRUGUPPA
13	KOPPAL	71.GANGAVATHI 72.KOPPALA 73.KUSHTAGI 74.YELBURGA
14	RAICHUR	75.DEODURGA 76.LINGSUGUR 77.MANVI 78.RAICHUR 79.SINDHANUR
15	KALABURAGI	80.AFZALPUR 81.ALAND 82.CHINCHOLI 83.CHITAPUR 84. KALABURAGI 85.JEWARGI 86.SEDAM
16	YADGIR	87.SHAHAPUR 88.SHORAPUR 89.YADGIR
17	BIDAR	90.HUMNABAD
18	BELAGAVI	91.ATHANI 92.BAILHONGAL 93.BELAGAVI 94.CHIKKODI 95.GOKAK 96.HUKKERI 97.KHANAPUR 98.RAMDURG 99.RAIBAGH 100.SOUNDATTI
19	BAGALKOTE	101.BADAMI 102.BAGALKOTE 103.BILGI 104.HUNGUND 105.JAMKHANDI 106.MUDHOL
20	VIJAPURA	107.BASAVANABAGEWADI 108.VIJAYPURA 109.INDI 110.MUDDEBIHAL 111.SINDGI
21	GADAG	112.GADAG 113.MUNDARGI 114.NARAGUND 115.RON 116.SHIRAHATTI
22	HAVERI	117.BYADGI 118.HANAGAL 119.HAVERI 120.HIREKERUR 121.RANIBENNUR 122.SAVANUR 123.SHIGGAON
23	DHARWAD	124.DHARWAD 125.HUBLI 126.KALGHATGI 127.KUNDGOL 128.NAVALGUND
24	SHIVAMOGGA	129.BHADRAVATHI 130.HOSANAGAR 131.SHIKARIPUR 132.SHIVAMOGGA 133.SORAB 134.TIRTHAHALLI
25	HASSAN	135.ALUR 136.ARKALGUD 137.ARASIKERE 138.BELUR 139.CHANNARAYAPATNA 140.HASSAN 141.HOLENARASIPUR

26	CHIKKAMAGALURU	142.CHIKMAGALUR 143.KADUR 144.KOPPA 145.NARASIMHARAJAPUR 146.TARIKERE
27	KODAGU	147.SOMWARPET 148.VIRAJPET
28	DAKSHINA KANNADA	149.BANTWAL 150.MANGALORE
29	UDUPI	151.KARKALA 152.KUNDAPUR 153.UDUPI
30	UTTARA KANNADA	154.BHATKAL 155.HALIYAL 156.HONNAVAR 157.KARWAR 158.MUNDGOD 159.SUPA 160.YELLAPUR

Sd/-
(K.R Ravi kumar)
Under Secretary to Government
Revenue Department
(Disaster Management & Services-3)

Summary of Relief Claimed and Loss due to drought during Rabi 2016

(Rs. in crores)

Sl. No	Item	Estimated Loss	Relief claimed as per SDRF Norms
1	**Assistance for Agriculture Crop loss**	**6993.58**	**919.92**
2	**Assistance for Horticulture Crop Loss**	**104.28**	**24.21**
3	**Animal Husbandry**		
	Assistance for purchase of 16 lakh fodder minikits for drought declared taluks		40.00
	Opening of Goshalas to maintain 500 animals for 90 days 105 cattle camps@ of Rs.50.00 lakhs for each Goshala		52.50
	Establishment of 400 Fodder Banks/Fodder Depot		80.00
	Assistance for Medical care for cattle		20.00
	Assistance for cattle feed, mineral mixture and tonics etc		10.00
	Sub Total		**202.50**
4	**Drinking Water:** Tanker Supply of drinking water		115.20
	Water supply works in drought declared taluks in Rural Areas		1772.25
	Water supply works in Urban Areas		276.75
	Sub Total		**2164.20**
Total (sub total of 1 to 4)		**7097.89**	**3310.83**

The total Estimated Loss due to drought in the State: Rs.7097.89 Crores

Assistance sought from Government of India under NDRF: Rs.3310.83 Crores

Amount spent by the State Government for drought:

SDRF	**Rs.366.90 crore**
Urban Development Dept	**Rs.195.10 crore**
Rural Development and Panchayat Raj	**Rs.201.00 crore**
Total	**Rs.763.00 crore**

AGRICULTURE SECTOR

a. Area

Karnataka State has 121.61 lakh ha cultivable area out of its' total geographical area of 190.50 lakh ha, accounting for 64 % of total area. (District-wise Details furnished in Statement-1).

b. Population (Proportion of Scheduled Caste / Scheduled Tribe Population)

Total population of Karnataka was 6.11 crore as per General Census of 2011 (male-3.10 crore and female 3.01 crore), out of which, number of Scheduled caste and Scheduled Tribe was 1.05 Core and 0.42 Crore, respectively. (District-wise details furnished in Statement - 2).

c. Cultivable Area Crop-wise

Agriculture crops are cultivated in about 105 lakh hectares accounting for about 84% of the total cultivated area in the State. Season-wise normal area of major agricultural crops is Kharif 69.20 lakh hectares, Rabi 3.30 lakh hectares and Summer 5.90 lakh hectares. (Season-wise and Crop-wise details are furnished in Statement -3).

d. Area under Irrigation and Dryland Farming

Out of the total cultivated area in the state about 35% is under various sources of irrigation and the rest 65% is under rainfed cultivation. The major sources of irrigation are tube/bore wells (39%), Canals (33%) and other sources like tanks, open wells, lift irrigation etc account for the rest 28% in the total irrigated area. About 62% of the area is under five Dry Zones out of the total ten agro-climatic zones in the State. (District-wise details of irrigated and rainfed area during 2014-15 are furnished in Statement-4).

e. Total number of farmers in the State (District-wise)

As per the Agricultural census of 2010-11, there were 78,32,189 agricultural land holdings with operated area of 121,64,457 hectares. Average land holding size has come

down to 1.55 hectare in 2010-11 from 3.20 hectares in 1970-71. (District-wise number of agriculture holdings and operated area details are furnished in Statement-5).

f. Number of Small and Marginal Farmers

As per the Agricultural census of 2010-11, there were 59,87,042 small and marginal farmers accounting for 76% of the total holdings and operated area of small and marginal farmers was 48,70,948 hectares accounting for 40% of the total operational holdings. The number and operated area of small and marginal farmers has further increased due to fragmentation. (District-wise details are furnished in Statement -6).

g. Number of landless agricultural labourers

As per the General Census of 2011 the number of landless agricultural labourers in the State is 71,55,963. (District-wise details are furnished in Statement -7).

h. Agriculture- its contribution to State GDP

Contribution of Agriculture to State Gross Domestic Product (SGDP) during 2015-16 was 12.30% compared to 17% in 2010-11. The decline can be mostly attributed to successive drought situation in previous six years. However, agriculture continues to be the largest employment sector as about 54% of the total work force is engaged in agricultural and allied activities as per the General Census of 2011. (Details of Sector-wise share in State GDP during 2014-15 and 2015-16 are furnished in Statement -8).

KHARIF 2016:

Pre-monsoon rainfall (April-May) was deficit by 31% in the State and it hampered normal coverage of early kharif crops. Area coverage up to May end was 1.73 lakh hectares as against a normal of 3.55 lakh hectares

Southwest monsoon rainfall during June and July was normal in the State and facilitated timely sowing of Kharif crops. But, deficit rainfall during August (-39%) and September (-31%) and long dry spell affected the rainfed kharif crops in a large area.

During August, monsoon was weak over entire State (except Belagavi and Uttara Kannada districts). Actual average rain fall was 126 mm as against a normal of 206 mm, deficit by 39%. Long dry spell of more than 4 consecutive weeks in several taluks affected the prospects of rainfed crops. Rain fall was deficit in 101 taluks and scanty in 55 taluks out of total 176 taluks.

Cummulative rainfall from 1st June to 30th September was 688 mm as against a normal of 839 mm (-18%) and the deficiency in Malnad and Coastal regions was as high as 29% and 21%, respectively.

After detail review of the rainfall, dry spell duration, crop area coverage and the crop status the State Government declared 139 taluks as "drought affected taluks".

Month-wise and Region-wise rainfall pattern during Southwest monsoon was as follows:

Unit: MM.

Region	June 2016			July 2016			August 2016			September 2016			South West Monsoon 2016 (1st June to 30th Sept.)		
	N	A	% DEP	N	A	% DEP	N	A	% DEP	N	A	% DEP	N	A	% DEP
SIK	64	106	65	79	134	71	81	35	-57	135	37	-72	359	313	-13
NIK	101	127	25	131	141	8	118	63	-47	145	133	-8	494	463	-6
Malnad	358	347	-3	598	369	-38	382	241	-37	165	105	-36	1504	1062	-29
Coastal	813	838	3	1156	780	-33	760	550	-28	290	229	-21	3019	2396	-21
STATE	**195**	**220**	**13**	**280**	**233**	**-17**	**206**	**126**	**-39**	**159**	**109**	**-31**	**839**	**688**	**-18**

N-Normal Rainfall, A-Actual Rainfall, % Dep- Percentage departure from normal rainfall.

Sowing of kharif crops was completed in an area of 71.67 lakh hectares against a set target of 73 lakh hectares, accounting for 98% coverage. Normal coverage by end of September stood at around 69.19 lakh hectares; the corresponding coverage of previous Kharif season was 64 lakh hectares. Failure of rains during August, September, October and November affected rainfed Kharif crops in about 35.41 lakh hectares (49%).

Rabi 2016-17

Rabi production programme depends upon residual soil moisture and Northeast monsoon rainfall during October – December. The northern districts account for nearly 90% of the total Rabi area in the State. The major crops grown are Rabi Jowar, Bengal gram, Wheat, Maize, Sunflower, Safflower, Linseed etc.

Anticipating well distributed northeast monsoon rainfall, following production programme for Rabi 2016-17 was drawn up for covering an area of 32.25 lakh hectares (Irrigated 6.20 lakh hectares and Rainfed 26.05 lakh hectares):

Sl. No.	Crop/Crop Group	Area (lakh ha.)	Prodn. (Lakh Tonnes)
I	Cereals	14.50	20.49
II	Pulses	12.83	7.52
	Total Food grains	**27.33**	**28.01**
III	Oilseeds	3.78	2.72
IV	Commercial Crops:		
1	Cotton	0.75	1.20 Lakh bales
2	Sugarcane	0.38	
3	Tobacco	0.01	0.01
	Total	**32.25**	

Rainfall:

Rainfall during October was scanty in all the northern districts of the State except Bidar, where normal rainfall occurred. Actual average rainfall was 29 mm as against a normal of 136 mm in the State, thus deficit by 78%. During November also, rainfall continued to be scanty in the State and in northern districts the deficiency was 89%. Actual average rainfall was 8 mm as against a normal of 41 mm, thus deficit by 80%.

During December light to moderate rainfall occurred over major parts of South Interior Karnataka and Malnad regions on 13th & 14th December under the influence of "VARDAH" Cyclonic Storm. Only parts of Ballari, Gadag and Haveri districts in North Interior Karnataka received light to moderate rainfall. Rainfall deficiency was 67% in northern districts. Actual average rainfall during the month was 17 mm as against a normal of 10 mm.

Cumulative rainfall from 1st October to 31st December 2016 was 54 mm as against a normal of 188 mm, deficit by 71%, but the deficiency was 81% in North Interior districts. Cumulative rainfall was normal only in 7 taluks, deficit in 27 taluks and scanty in the rest 142 taluks.

Region- wise Weighted Average Rainfall Pattern during Rabi 2016

District Name	October 2016			November 2016			December 2016			North East Monsoon 2016		
	Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% DEP
South Interior Karnataka	**146**	**23**	**-84**	**50**	**5**	**-90**	**14**	**38**	**174**	**210**	**67**	**-68**
North Interior Karnataka	**111**	**22**	**-80**	**28**	**3**	**-89**	**7**	**2**	**-67**	**145**	**27**	**-81**
Malnad	**161**	**30**	**-81**	**55**	**19**	**-65**	**13**	**24**	**94**	**228**	**74**	**-68**
Coastal	**187**	**80**	**-57**	**61**	**26**	**-58**	**13**	**6**	**-54**	**261**	**112**	**-57**
STATE	**136**	**29**	**-78**	**41**	**8**	**-80**	**10**	**17**	**64**	**188**	**54**	**-71**

District-wise rainfall details are furnished in Statement- 9.

The State Government declared 160 taluks out of total of 176 as drought affected taluks considering rainfall deficiency, dry spell duration, soil moisture adequacy index and other drought parameters.

Area Coverage:

Sowing of Rabi crops was completed in an area of 25.98 lakh hectares by end of December against a set target of 32.25 lakh hectares, accounting for 81% coverage. Normal coverage by end of December stands at around 30.29 lakh hectares; the corresponding coverage of previous Rabi season was 34.73 lakh hectares. Crop-wise and District-wise details are furnished in Statement 10 and 11 respectively.

Complete failure of rains from October to December in Northern districts caused set back in area coverage of Rabi crops especially Jowar, Wheat and Sunflower.

Crop Condition:

Scanty rains and long dry spell in major parts of North Interior Karnataka affected the prospects of Rabi crops and the crops were under severe moisture stress. As per the Joint Survey by the Officers of Agriculture and Revenue Department agriculture crops in an area

of 15.00 lakh hectares have been affected and >33% crop loss is estimated in an area of about 13.57 lakh hectares.

This is the second year in succession wherein both Kharif and Rabi crops have been badly affected by failure of rains.

Mitigation Measures- Input Supply

The State Government has arranged supply of seeds and fertilizers through wide net work of Raitha Samparka Kendras. The Government has provided seeds at subsidized rates to farmers for requirement up to 2 hectares; about 1.87 lakh quintals of seeds were provided to farmers at subsidised rates.

During Rabi/Summer 5.04 lakh tonnes of fertilizers have been distributed up to end of December 2016 against the estimated requirement of 15 lakh tonnes. About 6.47 lakh tonnes of DAP, MOP, Complexes and Urea were available as closing stock as on 31st December 2016.

Estimated Crop Loss

The estimated crop loss at cost of cultivation per hectare for each crop works out to Rs.6993.58 crores (Annexure-2).

Central Assistance sought as per SDRF guidelines: As per SDRF guidelines Small and Marginal farmers are eligible for input assistance of Rs. 6,800 per ha in rainfed areas, Rs. 13,500/- per ha in Irrigated areas and Rs. 18,000/-per ha for Perennial crops. Out of the total affected area of 15.00 lakh hectares, crop loss more than 33% in an area of about 13.57 lakh hectares, out of which about 8.95 lakh hectares belongs to small and marginal farmers and assistance sought is Rs.621.02 crores and 4.61 lakh ha belongs to OSMF and assistance sought is Rs.298.90 crores.

Details of agricultural land, sown area affected by drought are as under: -

Sl. No.	Item	Area
a)	Total cultivable area (as per Agriculture Census 2010-11)	121.61 lakh ha
b)	Total agricultural land	105.40 lakh ha annually (Avg of 2010-11 to 2014-15)
c)	Total sown area Rabi (target area-32.25 lakh ha)	 25.98 lakh ha
d)	Total agriculture area affected Rabi	15.00 lakh ha
e)	Total affected sown agriculture area where more than 33% crop loss.	 13.57 lakh ha
f)	Out of (e), the area belonging to SMFs	8.95 lakh ha (Rainfed:8.78 lakh ha & Irrigated:0.17lakh ha)
g)	Out of (e), the area belonging to farmers (OSMFs)	4.61 lakh ha (Rainfed: 4.45 lakh ha, Irrigated 0.16 lakh ha)
h)	Number of OSMFs	2,29,697

The requirement of funds under agriculture sector is as under

I. SMFs

Area held by SMFs where crop loss was more than 33%	Area (ha)	Norms (Rs.) /per ha	Amount (Rs. in lakh)
i) Rainfed area	878243	6,800/-	59720.52
ii) Irrigated area	17645	13,500/-	2382.07
iii) Perennial	Nil	Nil	Nil
Total	**895888**		**62102.59**

(District-wise details are at **Appendix - 3)**

II. OSMFs

OSMFs where area sown / area affected is less than 2 ha per farmer where crop loss was more than 33%	Area (ha)	Norms (Rs.) per ha. per farmer	Amount (Rs. in lakh)
i) Rainfed area	83757	6,800/-	5695.47
ii) Irrigated area	1923	13,500/-	304.15
iii) Perennial	Nil	Nil	Nil
Total	**85680**		**5999.62**

OSMFs where area sown / area affected is greater than 2 ha per farmer where crop loss is >33%	No of Farmers	Norms (Rs.) per ha. per farmer	Amount (Rs. in lakh)
i) Rainfed area (361814 ha)	163211	6,800/-	22196.70
ii) Irrigated area (13295 ha)	6273	13,500/-	1693.71
iii) Perennial	Nil	Nil	Nil
Total	**169484**		**23890.41**

Abstract of Calculation of Input Subsidy for OSMF

Item	Amount (Rs. in lakh)
OSMFs where area sown / area affected is less than 2 ha per farmer where crop loss is > 33%	5999.62
OSMFs where area sown / area affected is greater than 2 ha per farmer where crop loss is >33%	23890.41
Total	**29890.03**

(District-wise details are at **Appendix - 4**)

Assistance Claimed for the damage of Agriculture crops

Input subsidy for SMF as per SDRF Norms - Rs. 621.02 Crores

Input subsidy for OSMF as per SDRF Norms - Rs.298.90 Crores

Total Assistance Claimed as per SDRF Norms - Rs.919.92 Crores

Action taken by the Government:

- Nodal-officers (District in charge Ministers/ District in charge Secretaries) were appointed in all the districts to review the season and crop conditions.
- "Bhoo-Chetana" programme in all districts with a focus on retaining / increasing soil fertility and use of micro nutrients to improve crop production.
- More than 1 lakh farm ponds have been created in farmers land under "Krishi Bhagya Programme" to conserve rain water and provide critical irrigation to rainfed crops.
- Seeds and Fertilizer requirement/ supply in the districts monitored constantly by Agriculture Department.
- Fertilizer supply plan was monitored and arrangements were made for timely supply during Kharif 2016.
- Farmers were covered under Crop Insurance Karnataka Raitha Suraksha PMFBY in a campaign mode leading to more than 90% coverage.
- A Mobile App has been developed to ensure a close watch on Crop Cutting Experiments under Crop Estimation Survey and special attention has been paid to ensure none of the experiments will lapse.
- Micro irrigation programmes are extended to more areas for judicious use of ground water.
- Scientists of University of Agriculture and Horticulture are closely monitoring the seasonal conditions and advising farmers to improve crop conditions.

Horticulture Sector

Introduction

As per the estimates for 2015-16, 21.03 lakh hectares area was expected to be covered under horticulture. Horticultural area in the State accounts about 17 % of the total cultivable area.

Sl. No	Category of Horticulture crops	Area of crops during 2014-15 (Ha)	Total expected area for 2015-16 (Ha)	Total estimated production during 2015-16 (Ha)
1.	Fruits Crops	407120	418644	7306547
2.	Vegetables Crops	462860	509542	9080804
3.	Spices Crops	209080	241960	766528
4.	Plantation crops	891330	898369	595816
5.	Commercial flowers	30700	31967	242061
6.	Medicinal and Aromatic crops	3530	3491	19051
Total		**2004620**	**2103973**	**18010807**

Horticulture - Its Contribution to State GDP:

The total expected GSDP (Gross State Domestic Product) of Karnataka in 2014-15 is about Rs. 9,07,839 crores. Combined Agriculture sector including Agriculture, Horticulture, Forestry, Sericulture, which is 8.81 % is about Rs.79947 crores. Out of this Horticulture sector's contribution to State GSDP is Rs. 40,002 crores i.e. 4.41%. The share of Horticulture in Agriculture GSDP is 34.80%. (Source: DES and Dept. of Horticulture)

Agriculture/Horticulture is the major occupation for rural habitants of Karnataka. Over the years, Horticulture has emerged as one of the potential enterprises in accelerating the growth of economy. Horticulture in Karnataka is heavily dependent on the South West Monsoon since, the extent of arid land is next only to Rajasthan. Only about 35% of net sown area is subjected to irrigation.

The State has three agricultural seasons- Kharif (April to September), Rabi (October to December) and Summer (January to March). Major Horticultural crops grown are fruits

(Mango, Grapes, Pomegranate, Banana, Papaya etc.,) vegetables (Onion, Potato, Tomato, Chillies), Plantation Crops (Coconut, Arecanut, Coffee) and Spices (Cardamom, Pepper, etc.,).

Recurring droughts and their effect on Horticulture crops in the State

Most parts of Karnataka encompass vast stretches of dry arid zones. Recurring occurrence of drought and dry spells has been leading to wide spread losses to the horticulture crops. During the last six years, an unprecedented drought has occurred in the State successively and has caused extensive damages/losses to the horticulture crops and also has brought untold miseries to the farmers.

Crop condition in the state

In view of deficit rainfall crop loss is reported in most of the vegetable crops (Onion, Tomato Chillies and other vegetables). The crop growth in different perennial horticulture crops, is adversely affected. Major yield losses may take place in Coconut, Arecanut, Pomegranate, Banana and other horticulture crops. Further, irrigation water availability from bore wells, reservoirs, tanks will also be severely depleted and hence that would also be of no assistance to farmers to save their crop. The total horticulture crop loss in **15092.2** hectares.

Steps taken by the Government to mitigate the drought situation in the State

The State Department of Horticulture has initiated several measures to overcome the adverse effects of the drought in the State. These measures are broadly categorized in to five groups.

a) Drought proofing in the frequently drought affected rainfed areas.

i) Popularizing dry land horticultural crops, such as Mango, Cashew, Jack, Tamarind, Jamun, Amla, Anona, Ber etc., in the drought prone areas. The Department is providing extension support and is extending subsidy to the farmers for cultivation of these crops under NHM, MGNREGA, RKVY and State scheme of Comprehensive Horticulture Development (CHD).

ii) Support to farmers is provided for adoption of on farm in-situ water conservation measures such as contour trenching /bunding, soak pits, crescent bunding, Mulching etc. under Krishi Bhagya State sector innovative project.

b) Rain Water harvesting:

i) Assistance is provided to the farmers for the construction of farm ponds, check dams, nala bunds, community tanks etc., under different schemes of Horticulture Department and Watershed Development Department. Through this measure, the ground water gets recharged, and indirectly helps for improving water yields in the bore wells.

ii) Creation of water harvesting structures to hold the water and use the same for life saving irrigations. These structures are lined with 300 micron geo-membrane poly sheets, so that the percolation of water does not take place. Subsidy is provided for this component under Krishi Bhagya Scheme.

c) Measures for improving water use efficiency

Subsidy is provided under micro irrigation scheme to an extent of 90% for drip irrigation and sprinkler irrigation as against about 17.50 to 30% assistance provided by the Govt. of India. Support is also being provided under State funds to cover more beneficiaries.

d) Providing Crop Insurance Cover:

i) Weather based crop insurance scheme for sensitive horticultural crops grown in rainfed areas.

ii) A portion of crop insurance premium is being paid by the State Govt. Awareness is being created to horticulture farmers about advantages of insuring their horticulture crops.

e) Creating awareness about the drought and providing information on the ameliorative measures under taken by the Department of Horticulture

The Department of Horticulture has taken up propaganda, publicity and mass communication strategies to educate the farmers in the drought prone areas about the adverse effects of deficit rainfall, the resultant effects of drought such as outbreak of pests and diseases etc. Further, the department is conducting several seminars, group discussions, night meetings etc. to create awareness about the assistance / benefits given through various schemes / projects.

Assistance for Damages occurring to Horticulture Crops: The major crops affected include Coconut, Mango, Lime, Arecanut, Papaya, Banana, Chilly, Onion, Tomato, Flowers and Other Vegetables. The Total area affected due to drought is 15,092 ha, **estimated loss calculated based on cost of cultivation is Rs.104.28** crores (Crop wise area damaged is given in Annexure – 3 and 4)

Sl. No.	Item	Area
a)	Total horticulture land	21.03 lakh ha
b)	Total horticulture area affected	15,092 ha
c)	Total affected horticulture area where crop loss is greater than 33%.	15,092 ha
d)	Out of (c), the area belonging to SMFs	10,162 ha (Rainfed:360 ha, Irrigated 3170 ha Perennial:6632 Ha)
e)	Out of (c), the area belonging to farmers other than SMFs (OSMFs)	4,930 ha (Rainfed: 525 ha, Irrigated: 1185 ha, Perennial 3220 ha)
f)	Number of OSMFs	4,946 farmers

The requirement of funds under Horticulture Sector for SMFs is as under

Area held by SMFs where crop loss was more than 33%	Area (ha)	Norms Rs. /per ha	Amount (Rs. in lakh)
i) Rainfed area	359.88	6,800/-	24.47
ii) Irrigated area	3170.11	13,500/-	427.96
iii) Perennial	6632.58	18,000/-	1193.86
Total	**10162.57**		**1646.29**

(District-wise details are at **Appendix – 3A**)

II. OSMFs

Area held by OSMFs where crop loss was more than 33%	Area (ha)	Norms (Rs.) per ha. per farmer	Amount (Rs. in lakh)
i) Rainfed area (439 OSMFs)	525.46	6,800/-	35.73
ii) Irrigated area (1317 OSMFs)	1184.58	13,500/-	159.92
iii) Perennial (3190 OSMFs)	3219.66	18,000/-	579.54
Total	**4929.70**		**775.19**

(District-wise details are at **Appendix – 4A**)

Note: While calculating the assistance sought in case of other than Small & Marginal farmers (OSMF), the minimum of the actual affected area or the number of farmers * 2 has been taken into account, so that the actual area will be computed in cases where the actual area affected is less.

Assistance Claimed for the damage of Horticulture crops

Input subsidy for SMF as per SDRF Norms - 16.46 Crores

Input subsidy for OSMF as per SDRF Norms - 7.75 Crores

Total Assistance Claimed as per SDRF Norms - Rs. 24.21 Crores

Abstract of Horticulture Crops affected due to drought

Sl.no	Crop	Area affected (in Ha)	Estimated loss (Rs lakhs)
1	Grapes	5.80	13.05
2	Pomegranate	166.71	120.86
3	Mango	912.40	684.30
4	Sapota	9.00	6.75
5	Guava	3.20	2.56
6	Coconut	5595.30	3357.18
7	Arecanut	241.05	180.79
8	Lime/ Citrus	331.67	232.17
9	Papaya	120.54	120.54
10	Banana	333.60	600.48
11	Tomato	881.1	616.77
12	Chilly	914.6	640.22
13	Onion	330.40	148.68
14	Cabbage	58.85	58.85
15	Cauliflower	20.65	20.65
16	Flowers	127.79	115.01
17	Other vegetables	5039.54	3509.67
	Total	**15092.20**	**10428.23**

RURAL DRINKING WATER SUPPLY

In Karnataka there are 60,220 rural habitations in 176 Talukas, out of which 46,118 habitations of 160 Talukas are drought affected during Rabi 2016 season. More than 80% of Rural Water Supply Schemes depend on ground water source. In the 2016-17 Action plan 4,343 – PWS schemes & 2,273- MWS schemes have been taken up.

Successive drought and over exploitation of ground water by different sectors have affected source and sustainability, due to which coverage is affected and supply level is drastically reducing and quality is also getting affected.

As per the NRDWP guidelines and as a permanent measure, State has already taken up number of Multi village schemes with surface water as a source to address the coverage and quality. These funds can't be diverted for drinking water stress due to drought. If additional funds are made available under drought same shall be utilized to complete such of the schemes which are on verge of completion.

The Regular grants of **NRDWP** both under State and Central sector cannot be diverted for the above said Contingency Action Plan works, since it will hamper approved action plan works and MVS schemes are in progress. However, in accordance with the approved CAP, works are going on for supply of drinking water in the rural areas to tackle drinking water scarcity, in anticipation of GoI assistance and support.

Karnataka is the second largest state after Rajasthan with arid and dry land where quality and coverage is main problem, and to overcome this multi village water supply schemes are designed to cater purified water from distant sustainable source like big dams and reservoirs. The cost of such multi village water supply scheme is higher compared to local source based ones which is not sustainable for such arid regions with depleting ground water. To complete these schemes in time, regular financial fund flow is very essential. There are 163 ongoing MVS schemes. The completion of these on-going schemes will permanently solve drinking water problem. In the drought affected area 121 important schemes are to be completed on priority. For 2016-17 the action plan is for 1980 cr, out of which Rs.298.91 cr

is Central share. Hence Rural Development and Panchayat Raj Department requests for Rs. **1082.64 cr. as a special package** for early completion of ongoing Multi village schemes.

Karnataka has taken up a massive programme of providing safe drinking water, to habitations with ground water source, through installation of water purification plants. At present more than 8484 plants are commissioned in the rural areas in the State.

Measures already initiated by State Government

- To take up works for emergency supply of drinking water which are not covered under NRDWP and MVS, Rs. 200.90 cr. is released to 189 rural constituencies out of which Rs. 89.14 Cr. is the expenditure.
- Regular meeting with the Deputy Commissioners and Chief Executive Officers ZP of District to review seasonal conditions and drought relief measures are being taken up.
- Identifying the villages which are facing /likely to face shortage of Drinking water and contingent action plan to tackle the issue.
- Zilla Panchayats have initiated combat measures viz., flushing, deepening, hydro-fracturing of borewells and repair and maintenance of RWS schemes, with energizing the schemes wherever civil works are completed. 160 drought affected blocks and many more pockets are facing severe drinking water problem and there is a dire need to take up certain emergent works. Block level" Control rooms" have been activated to address complaints then and there itself.
- State has also taken action for hiring private bore wells through respective Deputy Commissioners to mitigate drinking water stress.
- Revival through hydro fracturing, identifying new sources, augmenting sources will have to be taken up. To reinforce sustainability, water harvesting structures, recharge works are also taken up under various other schemes like MGNREGA.
- To assist, in addressing drinking water grievances toll free no 1800 4258 666 is made available.
- Due to drought many more habitations in future may have to be covered through water tankers.

- Due to consecutive droughts, lowering of underground water table is being reported across the State. This has affected quality of underground water due to increase of Fluoride, Nitrate, Iron, TDS and other contaminations in the underground water.
- Constant monitoring for
    - Effective implementation of on-going drinking water schemes.
    - Quick implementation of works approved during 2016-17.
- Quick implementation of Repair and Rejuvenation works.
    - Emergency Supply of drinking water through tankers in consultation with the DC as well as purchase of motor-pump, extension of pipelines and other measures.
    - Bore-well have to be drilled only during emergency.
    - Steps to ensure effective supply of clean drinking water through tankers.

Requirement of Additional funds for mitigating drought

Due to continuous drought condition for the past 5 years and the drought situation during this year also **160 taluks** have been severely affected. Taluk level Task Force committees / control Rooms are functioning very effectively. Hence, Central Assistance at this critical juncture will be more helpful, so that approved action plan and contingent action plan works will not be hampered and there will not be any escalation in the approved cost estimates. Required financial discipline and accountability is being ensured in the implementation of approved works as per the Contingent Action plan.

Regular meetings and Video conferences with the district officers, in the affected districts on the status of drinking water supply is being conducted. Under these circumstances, **GOI is requested to release Rs.1772.25 crores to tackle rural drinking water problem in the affected 160 taluks, during this year and ensure proper water supply in the affected areas. (District wise and Taluk wise details given in separate sheet)**

The Abstract of Action plan is as follows: -

Sl.No.	Component Name	Fund Requirement Rs in crores for 160 Taluks
1.	Extension of Pipeline: From new Borewell source it is necessary to lay new Raising main to connect to existing distribution system.	449.30
2.	Due to successive droughts there is a depletion in the yield of existing borewells. The funds required to establish new source points, pumping machineries, including energisation required in drought prone habitations.	195.84
3.	Hydro fracturing, Flushing & Redrilling/ deepening of Borewells	44.47
4.	To complete on going Multi Village water supply schemes and rejuvenation of defunct water supply schemes.	1082.64
	Grand Total	**1772.25**

Supply of Drinking Water through Tankers

As on 28.01.2017, for 465 habitations water is being supplied through 962 tankers. Water supply through tankers may increase up to 6400 habitations by May-2017, on an average 2 trips/tankers per day.

It has been estimated that 40 villages in each of the 160 taluks of 30 districts may have to be transported water in the coming days at the rate of 2 trips per village per day for the next 90 days as per NDRF norms. **An assistance of Rs.115.20 crores is required for transportation of water.**

Requirements of funds for Rural Areas is calculated as under:-

Total number of drought declared taluks	- 160
Average no of affected villages in each drought affected taluka	- 40
Total number of villages for transportation	- 6400
No of trips by each tanker per each village per day	- 2
Total No of trips per day	- 12,800 (6400*2)
Average rate of tanker per trip	- Rs.700/-
Amount required per day (700*12,800)	- Rs.89.60 lakhs
Amount required for 90 days	**- Rs.80.64 crores**

Requirements of funds for Urban Areas is calculated as under:-

Total number of drought declared taluks	- 160
Average no of affected wards in each taluka	- 20
Total number of wards for transportation	- 3200
No of trips by each tanker per each ward per day	- 2
Total No of trips per day	- 6400 (3200*2)
Average rate of tanker per trip	- Rs. 600/-
Amount required per day	- Rs.38.40 lakhs (600*6400)
Amount required for 90 days	**- Rs.34.56 crores.**

Drinking Water Management in Urban Areas of Karnataka

During 2016, due to failure of South West Monsoon and North-East Monsoon in most parts of the State, 160 Taluks are affected and declared as drought hit. In the urban areas of 160 taluks, the cities/towns are facing shortage of drinking water. At present, 264 wards are supplied with drinking water using water tankers, 253 water tankers are being used for this at present for 978 trips daily. The cities which do not have surface water are severely hit due to depletion of ground water and drying up of borewells. New borewells have to be dug. During the year, an amount of Rs.105.00 crores has been spent on supply of drinking water to urban population from the State Finance Commission Grants.

Drought and over exploitation of ground water have affected source and sustainability, due to which supply level is reduced. Karnataka has taken up major water supply projects in urban areas, where water source is identified and there is sufficient quantity of water available and are planned schemes.

It has been estimated that 271 ULBs in 160 taluks require about Rs.276.75 crores for mitigating the problems of drinking water in urban areas of the State towards transportation of water through tankers, digging of new borewells, hydro-fracturing and fixing new pumpsets and pipeline, deepening of existing borewells and for providing temporary bunds, barricades etc. The citywise, details are given in Annexure-I. The temporary water supply works are approved and monitored by Task Force Committee.

The districtwise details are given below:

Sl.No.	Name of the District	Population	No.of ULBs	No. of Tankers	No. of Trips
1	Bengaluru Rural	241,377	5	24	129
2	Bengaluru Urban	204,137	6	13	59
3	Ramanagara	278,540	5	0	0
4	Tumkur	599,464	10	15	72
5	Kolar	434,851	6	94	427
6	Chickballapur	265,278	6	2	1
7	Chitradurga	332,958	7	13	54
8	Davanagere	644,259	7	2	0
9	Shimogga	623,742	9	4	11
10	Mysuru	1,166,839	9	24	29
11	Chamarajanagara	175,623	5	0	0
12	Mandya	293,188	7	0	0
13	Hassan	354,196	8	4	14

Sl.No.	Name of the District	Population	No.of ULBs	No. of Tankers	No. of Trips
14	Kodagu	72,682	4	0	0
15	Chickmagalur	292,988	9	0	0
16	Dhakshina Kannada	755,057	10	1	6
17	Udupi	218,635	5	0	0
18	Belgavi	1,269,556	33	0	0
19	Uttara Kannada	395,207	12	0	0
20	Vijypura	530,732	13	0	0
21	Bagalkote	555,184	15	0	0
22	Dharwad	1,049,539	6	32	122
23	Haveri	342,175	9	0	0
24	Gadag	379,309	9	8	47
25	Kalaburagi	788,483	10	0	0
26	Raichur	494,959	12	0	0
27	Koppal	302,765	9	1	3
28	Bidar	404,768	6	0	0
29	Bellary	929,266	15	16	4
30	Yadgiri	104,697	7	0	0
Total		**14,500,454**	**274**	**253**	**978**

Till June 2017, these towns require Rs.262.50 crores to mitigate the problems of drinking water. (Details in Annexure -1).

Karnataka Water Supply and Drainage Board (KUWS&DB) which is maintaining the water supply system in 10 cities requires about Rs. 14.25 crores to mitigate water supply scarcity during January 2017 to June 2017.

SL NO	Name of the town	Amounts(Rs.in lakhs)
1	Kushanl Nagar	5.00
2	Bethmanagala(KGF)	100.00
3	Hubli-Dharwad	100.00
4	Mandya	200.00
5	Ramanagaram	10.00
6	Channapatna	10.00
7	Belgaum	515.00
8	Vijaypura	350.00
9	Kalaburagi	75.00
10	Shimoga	60.00
Total		**1,425**

ANNEXURE-1									
				Grants Required for (Rs. Lakhs)					
Sl.No.	Name of the District	Population	No.of ULBs	New Borewells	Tankers	Borwell deepening/ Hydrofracturing	Borwell Maintenance	Miscellaneuos	Total Grants required for solving drinking water problems (Rs in Lakhs)
1	Bangalore Rural	241,377	5	129.38	181.13	103.50	62.10	41.40	517.50
2	Bangalore Urban	204,137	6	189.38	265.13	151.50	90.90	60.60	757.50
3	Ramanagara	278,540	5	217.88	305.03	174.30	104.58	69.72	871.50
4	Tumkur	599,464	10	297.00	415.80	237.60	142.56	95.04	1188.00
5	Kolar	434,851	6	393.75	551.25	315.00	189.00	126.00	1575.00
6	Chickballapur	265,278	6	300.00	420.00	240.00	144.00	96.00	1200.00
7	Chitradurga	332,958	7	168.75	236.25	135.00	81.00	54.00	675.00
8	Davanagere	644,259	7	312.51	437.51	250.01	150.00	100.00	1250.03
9	Shimogga	623,742	9	131.25	183.75	105.00	63.00	42.00	525.00
10	Mysore	1,166,839	9	221.25	309.75	177.00	106.20	70.80	885.00
11	Chamarajanagara	175,623	5	114.38	160.13	91.50	54.90	36.60	450.00
12	Mandya	293,188	7	112.50	157.50	90.00	54.00	36.00	457.50
13	Hassan	354,196	8	45.00	63.00	36.00	21.60	14.40	1207.50
14	Kodagu	72,682	4	301.88	422.63	241.50	144.90	96.60	180.00
15	Chickmagalur	292,988	9	153.86	215.41	123.09	73.85	49.24	615.45
16	Dhakshina Kannada	755,057	10	229.29	321.01	183.44	110.06	73.37	917.18
17	Udupi	218,635	5	101.25	141.75	81.00	48.60	32.40	405.00
18	Belgavi	1,269,556	33	744.12	1041.76	595.29	357.18	238.12	2976.47
19	Uttara Kannada	395,207	12	273.75	383.25	219.00	131.40	87.60	685.50
20	Vijypura	530,732	13	165.00	231.00	132.00	79.20	52.80	660.00
21	Bagalkote	555,184	15	337.50	472.50	270.00	162.00	108.00	1095.00
22	Dharwad	1,049,539	6	234.38	328.13	187.50	112.50	75.00	937.50
23	Haveri	342,175	9	73.13	102.38	58.50	35.10	23.40	1350.00
24	Gadag	379,309	9	171.38	239.93	137.10	82.26	54.84	292.50
25	Kalaburagi	788,483	10	116.25	162.75	93.00	55.80	37.20	465.00
26	Raichur	494,959	12	101.25	141.75	81.00	48.60	32.40	810.00
27	Koppal	302,765	9	202.50	283.50	162.00	97.20	64.80	534.93
28	Bidar	404,768	6	133.73	187.23	106.99	64.19	42.79	375.00
29	Bellary	929,266	15	93.75	131.25	75.00	45.00	30.00	1985.96
30	Yadgiri	104,697	7	496.49	695.08	397.19	238.31	158.88	405.00
Total		**14,500,454**	**274**	**6562.50**	**9187.50**	**5250.00**	**3150.00**	**2100.00**	**26250.01**

Animal Husbandry Sector

The state has 130 lakh fodder dependent animals in 176 Taluks of the state. As of now 160 Taluks have been declared drought affected which have a total Cattle population of 121 lakhs.

1.Fodder Situation in the State

The total available fodder in the State is assessed every week during the drought period by taking the sown area and the crop residues available post harvest. Accordingly, as on 23-01-2017, the total available dry fodder in the State is 67.61 lakh tones which is expected to be sufficient for next 14 weeks (@ 5kgs /animal / day). In view of the poor monsoon and drought affected crops during Kharif and Rabi seasons have affected the availability of crop residues post–harvest. Hence, to overcome the shortage of fodder in the ensuing days, the following drought mitigation measures are taken up/proposed in drought affected taluks of the State.

About 16 lakh minikits at a total cost of Rs.40.00 crores are proposed to be distributed in the affected 160 taluks for farmers with irrigational facilities, under NDRF. District wise statement is enclosed in **Annexure-I.** About 1,60 lakh hectares will be covered under fodder cultivation for 16 lakh minikits yielding approximately 80 lakh metric tonnes of green fodder (1 minikit of 5 kg seeds will be sown in 0.1 hectare which yields about 5 tonnes of green fodder)

2. Establishment of Cattle Camps

It is proposed to establish temporary cattle camps wherever required which will be decided by the District Administration strictly on need basis. Each cattle camp can shelter 500 cattle heads to be maintained for a period of 90 days under NDRF norms. It is proposed to establish 105 cattle camps at a total cost of Rs.52.50 crores (@ Rs.50.00 lakh per camp of 500 cattle) including the cost of transportation of fodder to the cattle camps @ Rs.15/ton / km for a maximum of 500 kms as approved by the State Government. Taluk wise statement for opening of the cattle camps is enclosed in **Annexure-I.**

Establishment of Fodder Banks / Fodder Depot:

It is normally proposed to store dry fodder of about 250 tons in each fodder bank at the selected sensitive places to supply fodder to the affected farmers. The purchase rate of dry fodder (ragi, paddy, jowar, maize etc.,) is about Rs. 6,000 per ton as per State Government Order. The stored dry fodder will be sold on subsidised rate to the farmers @ Rs.3/kg.

A total of 400 fodder banks of various capacities (Rs.5 lakh to Rs.20 lakhs/bank) are proposed at a total cost of Rs.80 crores. **(Annexure-I).**

3. Medical Assistance /Health Care

It is proposed to provide urgent and essential medical assistance to the animals in the drought affected areas to save the lives of the cattle during the stress period. It is mostly observed during the previous drought conditions that about 10% of the cattle population is affected due to stress and prone to diseases which necessitates medical intervention with antibiotics, analgesics, anti-inflammatory agents fluids, steroids, antiallergics, parasiticides etc., The medical assistance is proposed at the cost of Rs.20 crores for the affected 160 Taluks. **(Annexure-I).**

4. **Supplementary Nutrition**

In order to take care of the nutritional status of the animals particularly of milch animals in the milk shed area apart from fodder and health, supplementation of additional nutrients in the form of mineral mixture cattle feed, tonics etc., are very essential. Therefore, supplementation of nutrient is proposed at a total cost of Rs.10 crores in the affected taluks**(Annexure-I).**

5. **Migration of Cattle Population**

No reports of migration of cattle is received till today from the affected 30 districts. The district Deputy Directors have been watchful on the distress sale of livestock in the shandies

6. **Relief Measures undertaken**

Supply of Fodder Minikits to farmers

a) 4.00 lakh Fodder Minikits are being distributed (from December 2016) to the farmers with irrigational facilities (@ Rs.250/- per Minikit) at the total cost of Rs.10 crores. In the 1st phase about 40,000 hectares was covered under fodder cultivation which may approximately yield 20 lakh metric tonnes of green fodder in the 1st phase (1 minikit of 5 kg seeds will be sown in 0.1 hectare which yields about 5 tonnes of green fodder)

b) Presently, 84 Fodder Banks and 42 Goshalas (Cattle camps) have been established at various places of draught affected taluks by District Administration.

c) Instruction has been given to District Deputy Directors to assist the District Administration to establish cattle camps and fodder banks wherever essentially required to cater to the needs of the local affected areas.

d) Periodical Vaccination is conducted in drought affected taluks

e) Nutritional supplements and mineral mixtures are distributed to the animals in drought affected taluks to overcome the mineral deficiency.

f) Periodical health check-up is undertaken in the livestock

g) Periodical deworming has been undertaking for parasitic infestation.

h) State level meeting was convened to assess the fodder situation in the state as well as instructions have been issued to consider cattle population while calculating the requirement of drinking water.

Approximate unit cost for maintaining a Goshala for 90 days

Item	Rate	Total cost in Rupees
To shelter 500 cattle heads for 90 days	Rs.70/- per animal per day (As per NDRF norms)	31,50,000
To transport 225 tonnes of fodder (at the rate of 5 kg/animal/day for 90 days) up to maximum of 500 Kms.	Rs.15/- KM As per Government of Karnataka order	16,87,500
Infrastructure for fencing, drinking water, watch ward, Shelter etc.,		1,62,500
	Total	**50,00,000**

Assistance sought for under NDRF

Sl.no	Item	Amount Sought (Rs in crores)
1	Assistance for purchase of 16 lakh fodder minikits for drought declared taluks	40.00
2	Opening of Goshalas to maintain 500 animals for 90 days 105 cattle camps@ of Rs.50.00 lakhs for each Goshala	52.50
3	Establishment of 400 Fodder Banks/Fodder Depot	80.00
4	Assistance for Medical care for cattle	20.00
5	Assistance for cattle feed, mineral mixture and tonics etc	10.00
	Total	**202.50**

Measures undertaken under MGNREGA in Drought affected areas

Providing employment in drought affected areas under MGNREGS

State Government during 2016-17 due to the failure of south west monsoon has declared 139 taluks of 26 revenue districts in the State as drought affected. In Rabi season due to failure of North East monsoon the total number of taluks declared as drought affected are 160. To mitigate the impact of drought, under Mahatma Gandhi NREGS more than 8 lakh works are being undertaken and 5.34 crore person days have been generated in these 139 drought affected taluks as of 20th January 2017. Further 12.14 lakh households have been provided with employment and 52,146 households have already completed 100 days of employment. Total expenditure in these taluks under the scheme is Rs. 1937.13 crores (139 taluks).

Ministry of Rural Development, Government of India has vide their letter dated: 30th December 2016 communicated their approval for the enhancement of employment days from 100 to 150 for the 139 taluks. The MORD is being requested to increase the employment days to 150 days proposal for additional 21 taluks. Instructions have been given to take up drought proofing works on priority and also one major community works at each village level to ensure adequate work is available to the labourers under MGNREGS.

IEC Activities in drought affected districts have also been scaled up and more than 28,700 Rozgar Diwas have been organized in the current year at village and Gram Panchayat levels to ensure maximum participation and adequate work for the labourers demanding employment and prevention of large scale migration.

Apart from this, about 17,523 calls have been received on MGNREGS toll free no: 1800-425-8666 in the current year and strenuous efforts are being made to provide employment to all the labourers who seek employment under the scheme.

Additional demand for work in the drought affected areas

In view of the severe drought situation prevailing in these blocks, there is an increased demand for employment to be provided under MGNREGS. Considering the increased demand for employment in these blocks and upon the proposal from State Government, Ministry of Rural Development Government of India has revised the labour budget from 607.26 lakh person days to 1000 lakh person days. Same has been communicated to all the drought affected districts. Since more than 52,000 households have already completed 100 days and 3.80 lakh households more than 50 days, the Government of India is requested to consider an increase in eligible person days to 200 in the drought affected taluks, considering there are still more than two months to go in the current year.

Approved revised labour budget for the current year is 1000 lakh person days and corresponding allocation will be Rs. 3957.30 crores.

Details of MGNREGS works undertaken under drought proofing

During the current year, more than 98,000 drought proofing works like construction of Bunds, Farm ponds, Multi arch check dams, Bore well recharge structures, River and Tank Rejuvenation works, Gokatte and Open wells have been undertaken under MGNREGS. The cumulative expenditure for all these works in the drought affected districts is more than Rs. 533 crores.

Advantages of the following works with dimension details and estimated cost

1. **Bore well recharge structures:**

Thrust on bore well recharge structures is given to enable the ground water recharging. Hence these structures are taken up in large numbers to enhance the yield in the bore wells. This would avoid the drinking water problem in the drought affected areas and provide succour to human beings and live stock as the over exploitation of ground water has resulted in depletion of yield in majority of the bore well sources. These structures are being executed in GP areas (Govt land) at an estimated cost of Rs. 70,000 per work. The dimension of this work is 3m x 3m x 0.6m.

2. River Rejuvenation:

In Karnataka State, three rivers viz., Vedavathi, Kumudavathi and Palar Rivers have been taken up to get the ground water level recharged by executing water harvesting structures like Percolation wells, Injection wells, Boulder checks and Water ponds. The catchment areas and villages surrounding these rivers are facing perennial water shortages due to drought situation for the past five years. The water scarcity is further aggravated due to indiscriminate digging of bore wells dimension details and estimate cost for the following works which are being taken up in the river areas.

Type of work	**Dimension**	**Estimated cost**
Boulder Check	8m x 5m x 2m	Rs. 58,200/-
Injection recharge well	5m x 2m x 60m	1,01,600/-
Recharge well	2m x 5m x 30m	59,300/-
Water pond	22m x 22m x 4m	5,51,100/-

3. Multi Arch Check Dams:

Multi Arch Check Dams are small arch dams constructed across nalas to impound water by which the ground water table in surrounding areas could be increased. These dams are low cost and more durable structures which is built across streams to prevent rain water from flowing away to the sea which also helps in preventing soil erosion. The dimension of the dam along with estimated cost for Check Dam: 5m x 1.7m is Rs. 40,500/- per work.

4. Farm ponds:

Farm pond works are being taken up individually by farmers land as well as being constructed as community works for the villagers of the area. Advantages of the Farm ponds are they harvest rain water, provide temporary storage and recharge ground water, it provides irrigation water during dry spells between rain falls and increases the yield. The dimension of the dam along with estimated cost is as follows:

Type of work	Dimension	Estimated cost
Farm Pond	12m x 12m x 3m	Rs. 87,000/-
	9m x 9m x 3m	Rs. 50,000/-
	6m x 6m x 3m	Rs. 26,000/-

5. Bunding:

Bunds can be used to raise vegetables and fruit trees, thus supplying the farm household with an additional source of income and of nutritious food. It checks soil erosion and minimize the silt of the water ways and reservoirs.

Annexures

Rainfall Status and Water Level

KARNATAKA STATE NATURAL DISASTER MONITORING CENTRE

Taluk wise Rainfall Pattern in Karnataka - 2016

Form 1

S.no	District/Taluk	South-West Monsoon Rainfall Pattern 2016			North East Monsoon Rainfall Pattern 2016			Annual Rainfall Pattern 2016		
		Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP
1	BENGALURU URBAN	460	454	-1	234	106	-55	855	717	-16
1	ANEKAL	451	474	5	243	117	-52	860	753	-12
2	BANGALORE NORTH	462	421	-9	219	96	-56	832	650	-22
3	BANGALORE SOUTH	468	509	9	241	104	-57	880	796	-10
4	BANGALORE EAST	440	411	-7	234	116	-51	837	692	-17
2	BENGALURU RURAL	441	471	7	229	101	-56	809	723	-11
5	DEVANAHALLI	440	436	-1	220	91	-59	788	682	-14
6	DODBALLAPUR	414	519	25	205	91	-56	752	735	-2
7	HOSAKOTE	431	428	-1	247	119	-52	813	721	-11
8	NELAMANGALA	498	474	-5	254	107	-58	925	744	-20
3	RAMANAGARA	430	356	-17	238	93	-61	851	580	-32
9	CHANNAPATNA	423	353	-17	236	88	-63	843	542	-36
10	KANAKAPURA	372	302	-19	225	88	-61	780	518	-34
11	MAGADI	506	426	-16	253	119	-53	948	683	-28
12	RAMANAGARA	485	405	-17	249	75	-70	909	636	-30
4	KOLAR	387	345	-11	236	107	-55	746	603	-19
13	BANGARAPET	380	293	-23	237	115	-51	757	541	-29
14	KOLAR	408	337	-17	242	92	-62	775	578	-26
15	MALUR	371	341	-8	232	136	-42	738	643	-13
16	MULABAGAL	396	360	-9	260	106	-59	774	631	-19
17	SRINIVASAPURA	377	393	4	208	93	-55	685	631	-8
5	CHIKBALLAPURA	399	346	-13	222	76	-66	731	570	-22
18	BAGEPALLI	378	223	-41	219	66	-70	697	439	-37
19	CHIKBALLAPUR	452	441	-2	226	92	-59	789	694	-12
20	CHINTAMANI	386	309	-20	244	81	-67	751	524	-30
21	GAURIBIDANUR	384	432	12	192	62	-68	679	655	-4
22	GUDIBANDA	413	369	-11	204	63	-69	714	555	-22
23	SIDLAGHATTA	409	351	-14	239	90	-62	767	585	-24
6	TUMAKURU	361	345	-5	204	63	-69	697	515	-26
24	C.N. HALLI	301	300	0	195	59	-70	620	418	-33
25	GUBBI	374	365	-2	202	65	-68	715	505	-29
26	KORATAGERE	397	404	2	211	82	-61	747	614	-18
27	KUNIGAL	449	451	0	235	81	-65	868	671	-23
28	MADHUGIRI	348	346	-1	201	47	-77	655	545	-17
29	PAVAGADA	305	307	1	181	29	-84	582	483	-17
30	SIRA	318	273	-14	168	46	-73	591	384	-35
31	TIPTUR	315	316	0	221	56	-75	689	453	-34
32	TUMAKURU	493	446	-9	248	123	-50	900	702	-22
33	TURUVEKERE	352	299	-15	218	70	-68	727	483	-34
7	CHITRADURGA	276	213	-23	160	34	-79	535	322	-40
34	CHALLAKERE	220	150	-32	116	17	-85	408	252	-38
35	CHITRADURGA	315	232	-26	183	30	-84	607	345	-43
36	HIRIYUR	260	195	-25	158	49	-69	527	311	-41
37	HOLALKERE	337	315	-7	179	29	-84	625	406	-35
38	HOSADURGA	285	231	-19	187	56	-70	588	363	-38
39	MOLAKALMURU	282	209	-26	165	23	-86	539	291	-46
8	DAVANAGERE	373	367	-2	173	23	-87	662	464	-30
40	CHANNAGIRI	391	433	11	179	26	-85	676	508	-25
41	DAVANGERE	365	385	5	168	25	-85	645	504	-22
42	HARAPANAHALLI	402	360	-10	177	16	-91	722	448	-38
43	HARIHAR	340	355	4	188	13	-93	646	458	-29
44	HONNALI	399	352	-12	184	41	-77	704	459	-35
45	JAGALUR	309	295	-5	146	17	-88	553	399	-28

S.no	District/Taluk	South-West Monsoon Rainfall Pattern 2016			North East Monsoon Rainfall Pattern 2016			Annual Rainfall Pattern 2016		
		Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP
9	CHAMARAJANAGARA	305	206	-32	257	76	-70	791	416	-47
46	CHAMARAJANAGAR	290	230	-21	252	59	-77	769	461	-40
47	GUNDLUPET	273	192	-29	256	60	-77	772	428	-45
48	KOLLEGAL	320	199	-38	258	91	-65	802	391	-51
49	YELANDUR	379	235	-38	264	69	-74	878	402	-54
10	MYSURU	395	274	-31	211	56	-73	815	451	-45
50	HEGGADADEVANAKOTE	533	366	-31	199	54	-73	967	548	-43
51	HUNSUR	353	264	-25	217	42	-81	784	432	-45
52	KRISHNARAJANAGAR	328	233	-29	214	68	-68	737	437	-41
53	MYSURU	325	225	-31	220	56	-75	752	389	-48
54	NANJANAGUD	316	233	-26	212	44	-79	731	387	-47
55	PERIYAPATNA	461	284	-38	202	64	-68	846	475	-44
56	T.NARASIPUR	318	204	-36	234	84	-64	751	387	-48
11	MANDYA	304	297	-2	233	93	-60	720	486	-32
57	KRISHNARAJAPET	306	285	-7	226	90	-60	722	479	-34
58	MADDUR	343	324	-6	244	100	-59	771	531	-31
59	MALAVALLI	316	268	-15	236	126	-47	746	501	-33
60	MANDYA	322	332	3	266	100	-63	795	516	-35
61	NAGAMANGALA	277	315	13	222	74	-66	652	484	-26
62	PANDAVAPURA	268	288	8	215	78	-64	661	444	-33
63	SRIRANGAPATNA	291	244	-16	218	77	-65	696	404	-42
12	BALLARI	352	310	-12	150	16	-89	597	390	-35
64	BALLARI	289	250	-13	150	11	-93	518	336	-35
65	HADAGALI	362	299	-17	156	16	-90	637	398	-37
66	HOSPET	385	357	-7	159	10	-93	629	426	-32
67	HAGARIBOMMANAHALLI	313	275	-12	120	11	-90	540	358	-34
68	KUDLIGI	332	295	-11	147	25	-83	576	388	-33
69	SANDUR	431	355	-18	160	21	-87	700	431	-38
70	SIRUGUPPA	399	375	-6	152	11	-93	625	423	-32
13	KOPPALA	376	317	-16	142	18	-87	600	395	-34
71	GANGAVATHI	375	289	-23	145	20	-86	587	358	-39
72	KOPPALA	379	350	-8	148	28	-81	611	432	-29
73	KUSHTAGI	377	332	-12	140	11	-92	607	425	-30
74	YELBURGA	375	299	-20	135	13	-90	594	366	-38
14	RAICHUR	450	405	-10	143	16	-89	660	461	-30
75	DEODURGA	478	438	-8	142	15	-89	683	487	-29
76	LINGSUGUR	401	319	-20	151	16	-89	624	377	-40
77	MANVI	437	385	-12	132	17	-87	631	432	-32
78	RAICHUR	510	577	13	131	19	-86	712	661	-7
79	SINDHANUR	441	334	-24	163	14	-92	674	381	-43
15	KALABURAGI	614	711	16	127	40	-68	812	828	2
80	AFZALPUR	503	549	9	121	36	-70	693	651	-6
81	ALAND	604	728	21	127	31	-75	798	844	6
82	CHINCHOLI	727	916	26	132	51	-61	925	1062	15
83	CHITAPUR	604	784	30	120	54	-55	798	908	14
84	KALABURAGI	627	729	16	116	43	-63	821	853	4
85	JEWARGI	567	514	-9	145	23	-84	782	602	-23
86	SEDAM	678	844	25	121	42	-65	871	968	11

S.no	District/Taluk	South-West Monsoon Rainfall Pattern 2016			North East Monsoon Rainfall Pattern 2016			Annual Rainfall Pattern 2016		
		Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP
16	YADGIRI	592	536	-9	150	26	-83	811	602	-26
87	SHAHAPUR	616	508	-18	154	22	-86	846	564	-33
88	SHORAPUR	501	483	-3	155	26	-83	721	555	-23
89	YADGIRI	661	601	-9	141	35	-75	872	681	-22
17	BIDAR	684	901	32	116	102	-12	874	1079	24
90	AURAD	701	906	29	116	107	-8	879	1082	23
91	BIDAR	748	885	18	131	106	-19	961	1076	12
92	BHALKI	678	915	35	117	125	6	870	1116	28
93	BASAVAKALYAN	648	902	39	102	88	-14	821	1059	29
94	HUMNABAD	656	892	36	117	76	-36	848	1049	24
18	BELAGAVI	612	519	-15	153	27	-83	872	610	-30
95	ATHANI	323	425	32	136	18	-87	536	506	-6
96	BAILHONGAL	669	388	-42	166	48	-71	964	520	-46
97	BELAGAVI	1169	717	-39	179	44	-75	1504	850	-44
98	CHIKKODI	403	511	27	149	23	-84	645	581	-10
99	GOKAK	322	257	-20	141	16	-88	572	320	-44
100	HUKKERI	470	399	-15	169	27	-84	773	483	-37
101	KHANAPUR	1669	1391	-17	176	46	-74	1960	1487	-24
102	RAMDURG	324	279	-14	141	14	-90	561	372	-34
103	RAIBAGH	307	336	10	125	7	-95	508	379	-25
104	SOUNDATTI	359	266	-26	150	24	-84	624	386	-38
19	BAGALKOTE	350	302	-14	144	10	-93	581	369	-36
105	BADAMI	373	290	-22	153	9	-94	620	374	-40
106	BAGALKOTE	310	274	-12	143	5	-96	533	343	-36
107	BILGI	358	277	-22	152	8	-95	596	350	-41
108	HUNGUND	395	326	-17	146	16	-89	638	398	-38
109	JAMKHANDI	334	337	1	141	13	-91	549	395	-28
110	MUDHOL	304	293	-4	129	3	-97	516	336	-35
20	VIJAYAPURA	428	383	-10	141	21	-85	644	452	-30
111	BASAVANABAGEWADI	397	391	-1	151	16	-90	631	452	-28
112	VIJAYAPURA	421	343	-18	155	13	-92	660	414	-37
113	INDI	452	421	-7	123	37	-70	637	494	-22
114	MUDDEBIHAL	389	309	-20	155	21	-87	633	362	-43
115	SINDGI	470	436	-7	125	18	-86	657	508	-23
21	GADAGA	382	273	-28	162	10	-94	656	356	-46
116	GADAG	383	288	-25	169	15	-91	671	380	-43
117	MUNDARGI	321	243	-24	153	10	-94	581	315	-46
118	NARAGUND	361	256	-29	160	3	-98	632	336	-47
119	RON	418	288	-31	150	12	-92	666	381	-43
120	SHIRAHATTI	399	272	-32	177	7	-96	701	344	-51
22	HAVERI	485	359	-26	168	24	-86	780	451	-42
121	BYADGI	428	372	-13	144	30	-79	689	469	-32
122	HANAGAL	727	466	-36	180	30	-83	1032	555	-46
123	HAVERI	447	349	-22	169	21	-88	751	465	-38
124	HIREKERUR	499	343	-31	174	28	-84	790	435	-45
125	RANIBENNUR	332	284	-14	165	23	-86	625	366	-41
126	SAVANUR	419	320	-24	161	15	-90	718	387	-46
127	SHIGGAON	546	397	-27	170	22	-87	852	478	-44

S.no	District/Taluk	South-West Monsoon Rainfall Pattern 2016			North East Monsoon Rainfall Pattern 2016			Annual Rainfall Pattern 2016		
		Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP	Normal (mm)	Actual (mm)	%DEP
23	DHARWAD	498	369	-26	159	26	-84	798	483	-39
128	DHARWAD	593	464	-22	167	47	-72	904	639	-29
129	HUBLI	421	387	-8	163	15	-91	725	472	-35
130	KALGHATGI	719	461	-36	167	19	-89	1029	542	-47
131	KUNDGOL	427	301	-29	160	21	-87	729	381	-48
132	NAVALGUND	354	240	-32	145	20	-86	634	363	-43
24	SHIVAMOGGA	1889	1263	-33	202	67	-67	2237	1410	-37
133	BHADRAVATHI	540	593	10	198	43	-78	859	680	-21
134	HOSANAGAR	2650	1774	-33	227	70	-69	3041	1944	-36
135	SAGAR	2462	1768	-28	200	75	-63	2818	1919	-32
136	SHIKARIPUR	665	498	-25	179	46	-74	990	633	-36
137	SHIVAMOGGA	646	499	-23	200	62	-69	980	647	-34
138	SORAB	1482	803	-46	177	78	-56	1783	947	-47
139	TIRTHAHALLI	3180	1922	-40	219	71	-67	3556	2088	-41
25	HASSAN	673	580	-14	225	71	-69	1075	771	-28
140	ALUR	790	562	-29	216	56	-74	1189	772	-35
141	ARKALGUD	485	363	-25	206	66	-68	860	547	-36
142	ARASIKERE	316	244	-23	218	58	-73	688	384	-44
143	BELUR	827	435	-47	236	52	-78	1273	617	-52
144	CHANNARAYAPATNA	287	296	3	212	83	-61	645	481	-25
145	HASSAN	442	331	-25	222	61	-73	841	524	-38
146	HOLENARASIPUR	318	249	-22	223	64	-72	726	415	-43
147	SAKALESHPUR	1882	1971	5	260	111	-57	2346	2236	-5
26	CHIKMAGALURU	1349	996	-26	228	70	-69	1757	1193	-32
148	CHIKMAGALUR	908	697	-23	225	76	-66	1341	945	-30
149	KADUR	306	216	-30	205	64	-69	641	377	-41
150	KOPPA	2604	1912	-27	243	52	-79	3064	2090	-32
151	MUDIGERE	2558	1643	-36	287	105	-64	3077	1936	-37
152	NARASIMHARAJAPUR	1503	1051	-30	210	51	-76	1886	1201	-36
153	SRINGERI	3570	2980	-17	288	91	-69	4067	3191	-22
154	TARIKERE	496	505	2	187	52	-72	806	632	-22
27	KODAGU	2345	1557	-34	288	99	-66	2903	1816	-37
155	MADIKERI	3395	2231	-34	353	129	-64	4079	2562	-37
156	SOMWARPET	1743	1374	-21	254	85	-67	2211	1592	-28
157	VIRAJPET	1810	1080	-40	254	81	-68	2317	1300	-44
28	DAKSHINA KANNADA	3441	2627	-24	367	120	-67	4040	2915	-28
158	BELTANGADI	3727	2692	-28	374	171	-54	4339	3080	-29
159	BANTWAL	3400	2455	-28	337	91	-73	3967	2708	-32
160	MANGALORE	3268	2832	-13	301	75	-75	3802	3049	-20
161	PUTTUR	3332	2543	-24	388	131	-66	3948	2807	-29
162	SULYA	3188	2563	-20	395	98	-75	3811	2821	-26
29	UDUPI	4071	3161	-22	299	106	-64	4571	3392	-26
163	KARKALA	4416	3495	-21	403	139	-65	5051	3786	-25
164	KUNDAPUR	4014	3031	-24	240	102	-58	4430	3237	-27
165	UDUPI	3557	2996	-16	270	75	-72	4039	3201	-21
30	UTTARA KANNADA	2457	2022	-18	198	111	-44	2787	2191	-21
166	ANKOLA	3137	2630	-16	217	253	17	3509	2932	-16
167	BHATKAL	3773	2991	-21	279	137	-51	4235	3196	-25
168	HALIYAL	1550	632	-59	181	24	-87	1873	725	-61
169	HONNAVAR	3247	3142	-3	237	158	-33	3644	3350	-8
170	KARWAR	2860	2697	-6	206	175	-15	3220	2908	-10
171	KUMTA	3175	2757	-13	221	218	-2	3552	3012	-15
172	MUNDGOD	1220	704	-42	197	32	-83	1555	832	-46
173	SIDDAPUR	2531	2347	-7	191	133	-30	2835	2539	-10
174	SIRSI	2081	1790	-14	189	106	-44	2379	1950	-18
175	SUPA	2229	2165	-3	177	66	-62	2525	2280	-10
176	YELLAPUR	2499	1370	-45	184	41	-78	2792	1495	-46
	South Interior Karnataka	359	313	-13	210	67	-68	719	492	-32
	North Interior Karnataka	494	463	-6	145	27	-81	728	552	-24
	Malnad	1504	1062	-29	228	74	-68	1914	1252	-35
	Costal	3019	2396	-21	261	112	-57	3451	2608	-24
	State	839	688	-18	188	54	-71	1155	831	-28

WATER STORAGE IN MAJOR RESERVOIRS /IRRIGATION PROJECTS									
Sl.No.	**DATE**	**CATEGORY**	**MAJOR RESERVOIRS**	**Full Storage Capacity TMC**	**Dead Storage Capacity TMC**	**Average storage TMC**	**Actual Reservoir storage as on 31/12/2016 TMC**	**Diffence from actual storage from average (TMC)**	**Percentage deficit in storage volume i.e.,RSI**
a	**b**	**c**	**d**	**e**	**f**	**g**	**h**	**(h-g)**	**(h-g)/g*100**
1	12/31/2016	Hydropower	Linganamakki	156.61	4.86	105.71	74.28	-31.43	-30
2	12/31/2016	Hydropower	Supa	147.53	2.20	88.27	75.88	-12.39	-14
3	12/31/2016	Hydropower	Varahi	33.96	2.83	18.38	14.40	-3.99	-22
4	12/31/2016	Multipurpose	Harangi	8.50	0.43	1.33	2.57	1.24	93
5	12/31/2016	Multipurpose	Hemavathi	37.10	1.34	14.95	5.06	-9.89	-66
6	12/31/2016	Multipurpose	K.R.S.	49.45	4.40	36.47	10.56	-25.91	-71
7	12/31/2016	Multipurpose	Kabini	19.52	3.52	13.60	7.61	-5.99	-44
8	12/31/2016	Multipurpose	Bhadra	71.54	8.45	59.14	29.91	-29.23	-49
9	12/31/2016	Multipurpose	Tungabhadra	100.86	2.30	55.82	8.39	-47.43	-85
10	12/31/2016	Multipurpose	Ghataprabha	51.00	2.02	26.22	29.27	3.05	12
11	12/31/2016	Multipurpose	Malaprabha	37.73	3.38	16.85	9.85	-7.00	-42
12	12/31/2016	Multipurpose	Almatti	123.08	3.81	69.96	54.69	-15.27	-22
13	12/31/2016	Multipurpose	Narayanapura	33.31	7.18	26.07	28.21	2.14	8

District Wise - Fluctuation of Water Level with Mean and Selected Period

10 Years Mean (2006 To 2015 November) - November -2016

S.no	DISTRICT	NO OF WELLS	Rise(m)			Fall(m)			Total No of Wells		Total No of Wells Fluctuation in Percentage	
			0 TO 2	2 TO 4	> 4	0 TO 2	2 TO 4	> 4	Rise	Fall	Rise(%)	Fall(%)
1	BAGALKOTE	29	8	0	0	14	3	4	8	21	28	72
2	BENGALURU RURAL	36	6	2	2	14	8	4	10	26	28	72
3	BENGALURU URBAN	18	2	0	0	14	1	1	2	16	11	89
4	BELAGAVI	89	15	4	0	43	18	9	19	70	21	79
5	BALLARI	31	6	0	0	16	6	3	6	25	19	81
6	BIDAR	40	14	12	8	4	0	2	34	6	85	15
7	VIJAYAPURA	69	18	1	0	28	13	9	19	50	28	72
8	CHAMARAJANAGARA	24	2	0	0	6	7	9	2	22	8	92
9	CHIKKABALLAPURA	36	9	5	1	15	6	0	15	21	42	58
10	CHIKKAMAGALUR	77	9	0	0	45	11	12	9	68	12	88
11	CHITRADURGA	34	2	0	0	9	9	14	2	32	6	94
12	DAKSHINA KANNADA	102	19	2	0	71	9	1	21	81	21	79
13	DAVANAGERE	55	7	0	0	31	10	7	7	48	13	87
14	DHARWAD	25	0	1	0	11	9	4	1	24	4	96
15	GADAG	21	1	1	2	7	7	3	4	17	19	81
16	KALABURAGI	82	37	11	6	23	2	2	54	27	66	33
17	YADGIRI	82	37	11	6	23	2	2	54	27	66	33
18	HASSAN	83	3	0	0	36	19	24	3	79	4	95
19	HAVERI	30	2	1	0	10	9	8	3	27	10	90
20	KODAGU	62	8	2	1	33	14	4	11	51	18	82
21	KOLARA	36	9	5	1	15	6	0	15	21	42	58
22	KOPPALA	32	8	0	1	15	7	1	9	23	28	72
23	MANDYA	51	7	0	0	17	14	13	7	44	14	86
24	MYSURU	58	1	0	2	20	12	23	3	55	5	95
25	RAICHUR	50	13	2	0	23	5	7	15	35	30	70
26	RAMANAGARA	36	6	2	2	14	8	4	10	26	28	72
27	SHIVAMOGGA	82	17	2	1	44	14	4	20	62	24	76
28	TUMAKURU	51	9	2	2	28	7	3	13	38	25	75
29	UDUPI	61	5	0	0	47	8	1	5	56	8	92
30	UTTARA KANNADA	81	35	1	1	38	5	1	37	44	46	54

KARNATAKA STATE NATURAL DISASTER MONITORING CENTRE

Matrix for impact indicators of 160 Taluks as qualifying as drought affected during North-East Monsoon 2016 (1st October to 31st December 2016)

Annexure - 1

Dist Sl.No.	District	Sl. No.	Taluk	Mandatory Indices		Impact Indicators				Category of Drought
				Rainfall Indices		Agricul-ture	Remote Sensing	Soil Moisture	*Hydrology	
				Rainfall Deviation (Rfdev)	Dryspell	Crop area Sown (Deviation	VCI or NDVI Deviations	PASM/MAI	SFI/RSI/SGWI	
1	BENGALURU-URBAN	1	ANEKAL	-52	Yes	27	-21	39		Moderate drought
	BENGALURU-URBAN	2	BANGALORE NORTH	-56	Yes	48	-26	35		Moderate drought
	BENGALURU-URBAN	3	BANGALORE SOUTH	-57	Yes	125	-26	37		Moderate drought
	BENGALURU-URBAN	4	BANGALORE EAST	-51	Yes	55	-30	42		Moderate drought
2	BENGALURU-RURAL	5	DEVANAHALLI	-59	Yes	64	-21	34		Moderate drought
	BENGALURU-RURAL	6	DODBALLAPUR	-56	No	30	-20	34		Moderate drought
	BENGALURU-RURAL	7	HOSAKOTE	-52	Yes	34	-12	40		Moderate drought
	BENGALURU-RURAL	8	NELAMANGALA	-58	Yes	101	-23	41		Moderate drought
3	RAMANAGARAM	9	CHANNAPATNA	-63	Yes	135	-16	34		Moderate drought
	RAMANAGARAM	10	KANAKAPURA	-61	Yes	370	-24	31		Moderate drought
	RAMANAGARAM	11	MAGADI	-53	Yes	207	-12	48		Moderate drought
	RAMANAGARAM	12	RAMANAGARA	-70	Yes	320	-19	33		Moderate drought
4	KOLAR	13	BANGARAPET	-51	Yes	38	-23	36		Moderate drought
	KOLAR	14	KOLAR	-62	Yes	39	-20	32		Severe Drought
	KOLAR	15	MALUR	-42	Yes	37	-12	42		Moderate drought
	KOLAR	16	MULABAGAL	-59	Yes	26	-17	36		Moderate drought
	KOLAR	17	SRINIVASAPURA	-55	Yes	30	-22	31		Moderate drought
5	CHIKBALLAPUR	18	BAGEPALLI	-70	Yes	30	-40	18		Severe Drought
	CHIKBALLAPUR	19	CHIKBALLAPUR	-59	Yes	20	-20	30		Moderate drought
	CHIKBALLAPUR	20	CHINTAMANI	-67	Yes	194	-29	26		Moderate drought
	CHIKBALLAPUR	21	GAURIBIDANUR	-68	Yes	101	-29	22		Moderate drought
	CHIKBALLAPUR	22	GUDIBANDA	-69	Yes	32	-27	24		Severe Drought
	CHIKBALLAPUR	23	SIDLAGHATTA	-62	Yes	47	-26	29		Severe Drought
6	TUMAKURU	24	C.N. HALLI	-70	Yes	0	-23	22		Severe Drought
	TUMAKURU	25	GUBBI	-68	Yes	2	-6	29		Moderate drought
	TUMAKURU	26	KORATAGERE	-61	Yes	0	-27	30		Severe Drought
	TUMAKURU	27	KUNIGAL	-65	No	34	-8	39		Moderate drought
	TUMAKURU	28	MADHUGIRI	-77	Yes	4	-37	20		Severe Drought
	TUMAKURU	29	PAVAGADA	-84	Yes	0	-38	10		Severe Drought
	TUMAKURU	30	SIRA	-73	Yes	14	-33	16		Severe Drought
	TUMAKURU	31	TIPTUR	-75	Yes	3	-16	23		Severe Drought
	TUMAKURU	32	TUMAKURU	-50	Yes	10	-5	44		Moderate drought
	TUMAKURU	33	TURUVEKERE	-68	No	0	-11	28		Moderate drought
7	CHITRADURGA	34	CHALLAKERE	-85	Yes	19	-49	5		Severe Drought
	CHITRADURGA	35	CHITRADURGA	-84	Yes	29	-40	10		Severe Drought
	CHITRADURGA	36	HIRIYUR	-69	Yes	8	-33	16		Severe Drought
	CHITRADURGA	37	HOLALKERE	-84	Yes	1	-25	12		Severe Drought
	CHITRADURGA	38	HOSADURGA	-70	Yes	33	-19	18		Severe Drought
	CHITRADURGA	39	MOLAKALMURU	-86	Yes	15	-61	7		Severe Drought
8	DAVANGERE	40	CHANNAGIRI	-85	Yes	10	-10	18		Severe Drought
	DAVANGERE	41	DAVANGERE	-85	No	15	-18	13		Moderate drought
	DAVANGERE	42	HARAPANAHALLI	-91	Yes	65	-33	9		Moderate drought
	DAVANGERE	43	HARIHAR	-93	Yes	4	-15	12		Severe Drought
	DAVANGERE	44	HONNALI	-77	No	31	-14	15		Moderate drought
	DAVANGERE	45	JAGALUR	-88	Yes	26	-42	7		Severe Drought
9	CHAMARAJANAGAR	46	CHAMARAJANAGAR	-77	No	109	-47	19		Moderate drought
	CHAMARAJANAGAR	47	GUNDLUPET	-77	No	76	-57	16		Moderate drought
	CHAMARAJANAGAR	48	KOLLEGAL	-65	Yes	88	-38	30		Moderate drought
	CHAMARAJANAGAR	49	YELANDUR	-74	Yes	66	-14	20		Moderate drought
10	MYSURU	50	H D KOTE	-73	No	69	-39	20		Moderate drought
	MYSURU	51	HUNSUR	-81	Yes	35	-34	16		Severe Drought
	MYSURU	52	K R NAGAR	-68	No	69	-14	23		Moderate drought
	MYSURU	53	MYSURU	-75	Yes	24	-38	17		Severe Drought
	MYSURU	54	NANJANAGUD	-79	Yes	22	-43	15		Severe Drought
	MYSURU	55	PERIYAPATNA	-68	No	27	-13	21		Moderate drought
	MYSURU	56	T.NARASIPUR	-64	Yes	26	-14	24		Severe Drought

Dist Sl.No.	District	Sl. No.	Taluk	Mandatory Indices		Impact Indicators				Category of Drought
				Rainfall Indices		Agricul-ture	Remote Sensing	Soil Moisture	*Hydrology	
				Rainfall Deviation (Rfdev)	Dryspell	Crop area Sown (Deviation	VCI or NDVI Deviations	PASM/MAI	SFI/RSI/SGWI	
	MANDYA	57	KRISHNARAJAPET	-60	No	270	-6	33		Moderate drought
	MANDYA	58	MADDUR	-59	Yes	122	-10	36		Moderate drought
	MANDYA	59	MALAVALLI	-47	Yes	63	-12	38		Moderate drought
11	MANDYA	60	MANDYA	-63	Yes	57	-8	44		Moderate drought
	MANDYA	61	NAGAMANGALA	-66	Yes	280	-16	32		Moderate drought
	MANDYA	62	PANDAVAPURA	-64	Yes	120	-16	32		Moderate drought
	MANDYA	63	SRIRANGAPATNA	-65	Yes	113	-17	25		Moderate drought
	BALLARI	64	BALLARI	-93	Yes	14	-11	5		Severe Drought
	BALLARI	65	HADAGALI	-90	Yes	15	-33	8		Severe Drought
	BALLARI	66	HOSPET	-93	Yes	13	-27	6		Severe Drought
12	BALLARI	67	H B HALLI	-90	Yes	19	-31	4		Severe Drought
	BALLARI	68	KUDLIGI	-83	Yes	60	-40	10		Moderate drought
	BALLARI	69	SANDUR	-87	Yes	10	-46	8		Severe Drought
	BALLARI	70	SIRUGUPPA	-93	Yes	36	-6	11		Severe Drought
	KOPPAL	71	GANGAVATHI	-86	No	62	-11	7		Moderate drought
13	KOPPAL	72	KOPPALA	-81	Yes	67	-26	11		Moderate drought
	KOPPAL	73	KUSHTAGI	-92	Yes	67	-31	9		Moderate drought
	KOPPAL	74	YELBURGA	-90	Yes	64	-42	5		Moderate drought
	RAICHUR	75	DEODURGA	-89	No	55	6	27		Moderate drought
	RAICHUR	76	LINGSUGUR	-89	Yes	102	-22	12		Moderate drought
14	RAICHUR	77	MANVI	-87	No	92	-6	18		Moderate drought
	RAICHUR	78	RAICHUR	-86	No	85	-9	30		Moderate drought
	RAICHUR	79	SINDHANUR	-92	Yes	104	-3	12		Moderate drought
	KALABURGI	80	AFZALPUR	-70	No	74	-8	38		Moderate drought
	KALABURGI	81	ALAND	-75	No	95	-4	32		Moderate drought
	KALABURGI	82	CHINCHOLI	-61	No	112	-16	36		Moderate drought
15	KALABURGI	83	CHITAPUR	-55	No	91	-5	38		Moderate drought
	KALABURGI	84	KALABURAGI	-63	No	93	-11	35		Moderate drought
	KALABURGI	85	JEWARGI	-84	Yes	89	4	33		Moderate drought
	KALABURGI	86	SEDAM	-65	No	98	-12	39		Moderate drought
	YADGIR	87	SHAHAPUR	-86	Yes	77	-1	32		Moderate drought
16	YADGIR	88	SHORAPUR	-83	No	64	-24	28		Moderate drought
	YADGIR	89	YADGIR	-75	Yes	70	-4	27		Moderate drought
17	BIDAR	90	HUMNABAD	-36	No	93	-13	43		Moderate drought
	BELAGAVI	91	ATHANI	-87	No	78	-1	23		Moderate drought
	BELAGAVI	92	BAILHONGAL	-71	No	116	-15	23		Moderate drought
	BELAGAVI	93	BELAGAVI	-75	No	93	-8	24		Moderate drought
	BELAGAVI	94	CHIKKODI	-84	No	165	-17	15		Moderate drought
	BELAGAVI	95	GOKAK	-88	Yes	76	-14	6		Moderate drought
18	BELAGAVI	96	HUKKERI	-84	Yes	73	-12	14		Moderate drought
	BELAGAVI	97	KHANAPUR	-74	No	0	-5	36		Moderate drought
	BELAGAVI	98	RAMDURG	-90	Yes	89	-32	7		Moderate drought
	BELAGAVI	99	RAIBAGH	-95	Yes	84	-8	12		Moderate drought
	BELAGAVI	100	SOUNDATTI	-84	No	79	-33	9		Moderate drought
	BAGALKOTE	101	BADAMI	-94	Yes	100	-26	6		Moderate drought
	BAGALKOTE	102	BAGALKOTE	-96	Yes	104	-34	4		Moderate drought
19	BAGALKOTE	103	BILGI	-95	Yes	95	-23	4		Moderate drought
	BAGALKOTE	104	HUNGUND	-89	Yes	99	-32	13		Moderate drought
	BAGALKOTE	105	JAMKHANDI	-91	Yes	89	-9	14		Moderate drought
	BAGALKOTE	106	MUDHOL	-97	Yes	70	-19	7		Moderate drought
	VIJAPURA	107	B BAGEWADI	-90	Yes	58	-39	18		Moderate drought
	VIJAPURA	108	BIJAPUR	-92	Yes	99	-29	17		Moderate drought
20	VIJAPURA	109	INDI	-70	No	90	-10	29		Moderate drought
	VIJAPURA	110	MUDDEBIHAL	-87	Yes	77	-44	13		Moderate drought
	VIJAPURA	111	SINDGI	-86	Yes	105	-15	23		Moderate drought

Dist Sl.No.	District	Sl. No.	Taluk	Mandatory Indices		Impact Indicators				Category of Drought
				Rainfall Indices		Agricul-ture	Remote Sensing	Soil Moisture	*Hydrology	
				Rainfall Deviation (Rfdev)	Dryspell	Crop area Sown (Deviation	VCI or NDVI Deviations	PASM/MAI	SFI/RSI/SGWI	
21	GADAG	112	GADAG	-91	Yes	117	-44	10		Moderate drought
	GADAG	113	MUNDARGI	-94	Yes	55	-37	6		Moderate drought
	GADAG	114	NARAGUND	-98	Yes	95	-45	3		Moderate drought
	GADAG	115	RON	-92	Yes	80	-45	5		Moderate drought
	GADAG	116	SHIRAHATTI	-96	Yes	104	-43	6		Moderate drought
22	HAVERI	117	BYADGI	-79	Yes	43	-40	18		Severe Drought
	HAVERI	118	HANAGAL	-83	Yes	59	-18	25		Moderate drought
	HAVERI	119	HAVERI	-88	Yes	31	-29	14		Severe Drought
	HAVERI	120	HIREKERUR	-84	Yes	16	-29	16		Severe Drought
	HAVERI	121	RANIBENNUR	-86	Yes	72	-31	8		Moderate drought
	HAVERI	122	SAVANUR	-90	Yes	11	-46	9		Severe Drought
	HAVERI	123	SHIGGAON	-87	Yes	40	-41	13		Severe Drought
23	DHARWAD	124	DHARWAD	-72	No	90	-17	29		Moderate drought
	DHARWAD	125	HUBLI	-91	Yes	70	-34	17		Moderate drought
	DHARWAD	126	KALGHATGI	-89	Yes	76	-36	16		Moderate drought
	DHARWAD	127	KUNDGOL	-87	Yes	63	-59	10		Moderate drought
	DHARWAD	128	NAVALGUND	-86	Yes	103	-36	7		Moderate drought
24	SHIVAMOGGA	129	BHADRAVATHI	-78	No		1	32		Moderate drought
	SHIVAMOGGA	130	HOSANAGAR	-69	No		-1	48		Moderate drought
	SHIVAMOGGA	131	SHIKARIPUR	-74	Yes	50	-4	23		Moderate drought
	SHIVAMOGGA	132	SHIVAMOGGA	-69	No		-17	28		Moderate drought
	SHIVAMOGGA	133	SORAB	-56	No	42	-2	45		Moderate drought
	SHIVAMOGGA	134	TIRTHAHALLI	-67	No		2	50		Moderate drought
25	HASSAN	135	ALUR	-74	No	8	-16	31		Moderate drought
	HASSAN	136	ARKALGUD	-68	No	28	-18	27		Moderate drought
	HASSAN	137	ARASIKERE	-73	Yes	2	-28	19		Severe Drought
	HASSAN	138	BELUR	-78	Yes	2	-22	32		Severe Drought
	HASSAN	139	CHANNARAYAPATNA	-61	No	34	-13	30		Moderate drought
	HASSAN	140	HASSAN	-73	Yes	41	-22	26		Severe Drought
	HASSAN	141	HOLENARASIPUR	-72	No	79	-16	22		Moderate drought
26	CHIKKAMAGALURU	142	CHIKMAGALUR	-66	Yes	14	-16	47		Moderate drought
	CHIKKAMAGALURU	143	KADUR	-69	Yes	51	-22	22		Moderate drought
	CHIKKAMAGALURU	144	KOPPA	-79	No		-3	50		Moderate drought
	CHIKKAMAGALURU	145	N R PURA	-76	No		-5	42		Moderate drought
	CHIKKAMAGALURU	146	TARIKERE	-72	Yes	39	-11	34		Moderate drought
27	KODAGU	147	SOMWARPET	-67	No		-7	42		Moderate drought
	KODAGU	148	VIRAJPET	-68	Yes		-3	45		Moderate drought
28	DAKSHINA KANNADA	149	BANTWAL	-73	No	66	-1	49		Moderate drought
	DAKSHINA KANNADA	150	MANGALORE	-75	No	47	-12	39		Moderate drought
29	UDUPI	151	KARKALA	-65	Yes	69	-7	51		Moderate drought
	UDUPI	152	KUNDAPUR	-58	No	58	-3	41		Moderate drought
	UDUPI	153	UDUPI	-72	No	61	-8	39		Moderate drought
30	UTTARA KANNADA	154	BHATKAL	-51	Yes	92	8	39		Moderate drought
	UTTARA KANNADA	155	HALIYAL	-87	Yes	30	-26	26		Severe Drought
	UTTARA KANNADA	156	HONNAVAR	-33	No	14	12	43		Moderate drought
	UTTARA KANNADA	157	KARWAR	-15	Yes	21	2	41		Moderate drought
	UTTARA KANNADA	158	MUNDGOD	-83	Yes	69	-18	39		Moderate drought
	UTTARA KANNADA	159	SUPA	-62	Yes		-4	41		Moderate drought
	UTTARA KANNADA	160	YELLAPUR	-78	No		-11	42		Moderate drought

*The details of the Hydrological aspects are given in the section incidence and spread of drought

Annexures

Agriculture Sector

STATEMENT - 1

District-wise Geographical Area and Cultivable Area

Unit: Area in Hectares.

Sl. No.	District	Total Geographical Area	Cultivable Area as per Agri. Census (2010-11)	% of Cultivable area to Total Geographical Area
1	**2**	**3**	**4**	**5**
1	Bagalkote	658877	487116	74
2	Bengaluru (Urban)	217410	79344	36
3	Bengaluru (Rural)	229519	152033	66
4	Belgaum	1344382	992289	74
5	Bellary	813196	537526	66
6	Bidar	541765	451775	83
7	Vijayapura	1053471	950332	90
8	Chamarajanagar	569901	215142	38
9	Chikkaballapur	404501	226357	56
10	Chikkamagalur	722075	313376	43
11	Chitradurga	770702	560777	73
12	Dakshina Kannada	477381	178415	37
13	Davanagere	597597	413686	69
14	Dharwad	427329	342978	80
15	Gadag	465715	390266	84
16	Kalaburgi	1094120	937537	86
17	Hassan	662602	463500	70
18	Haveri	485156	376918	78
19	Kodagu	410775	167862	41
20	Kolar	374966	233923	62
21	Koppal	552495	433448	78
22	Mandya	498244	309432	62
23	Mysore	676382	368530	54
24	Raichur	835843	695787	83
25	Ramanagar	355912	202566	57
26	Shimoga	847784	262298	31
27	Tumkur	1064755	676388	64
28	Udupi	356446	149617	42
29	Uttara Kannada	1024679	149966	15
30	Yadgir	516088	442272	86
	Karnataka State:	**19050068**	**12161456**	**64**
	Area in Lakh Hects.	**190.50**	**121.61**	**64**

STATEMENT - 2

District-wise Population of Karnataka
(Census 2011)

Unit: No.

District Code	State/District	Persons	Males	Females	SC population	ST population	Total Workers
-	**KARNATAKA**	**61095297**	**30966657**	**30128640**	**10474992**	**4248987**	**27872597**
01	BELGAUM	4779661	2423063	2356598	577418	297198	2105668
02	BAGALKOT	1889752	950111	939641	319149	97203	818081
03	VIJAYAPURA	2177331	1111022	1066309	442773	39314	927722
04	BIDAR	1703300	870665	832635	399785	235822	702608
05	RAICHUR	1928812	964511	964301	400933	367071	903413
06	KOPPAL	1389920	699926	689994	258608	164271	654766
07	GADAG	1064570	537147	527423	174196	61654	495722
08	DHARWAD	1847023	937206	909817	177855	87548	784833
09	UTTARA KANNADA	1437169	726256	710913	116431	34239	608526
10	HAVERI	1597668	819128	778540	219976	141380	730066
11	BELLARY	2452595	1236954	1215641	517409	451406	1116880
12	CHITRADURGA	1659456	840843	818613	389117	302554	856587
13	DAVANAGERE	1945497	986400	959097	392595	233112	875207
14	SHIMOGA	1752753	877415	875338	308158	65412	780598
15	UDUPI	1177361	562131	615230	75429	52897	513241
16	CHIKMAGALUR	1137961	566622	571339	253651	44970	565774
17	TUMKUR	2678980	1350594	1328386	506901	209559	1354646
18	BENGALURU	9621551	5022661	4598890	1198385	190239	4246927
19	MANDYA	1805769	905085	900684	265294	22402	871408
20	HASSAN	1776421	883667	892754	345031	32329	903580
21	DAKSHINA KANNADA	2089649	1034714	1054935	148178	82268	997721
22	KODAGU	554519	274608	279911	73584	58054	278938
23	MYSORE	3001127	1511600	1489527	536643	334547	1314268
24	CHAMARAJANAGAR	1020791	512231	508560	259445	120219	481693
25	KALABURGI	2566326	1301755	1264571	648782	65259	1087028
26	YADGIR	1174271	590329	583942	273315	146849	547696
27	KOLAR	1536401	776396	760005	465867	78875	717872
28	CHIKKABALLAPURA	1255104	636437	618667	312565	156487	639778
29	BENGALURU RURAL	990923	509172	481751	213700	52903	459891
30	RAMANAGARA	1082636	548008	534628	203819	22946	531459

Source: Census of 2011

STATEMENT - 3

KARNATAKA STATE

Season-wise Crop-wise Normal Area Coverage of Major Agricultural Crops

Unit: Area in Lakh Hectares

Sl. No.	Crop	Kharif	Rabi	Summer	Total
I	Cereals:				
1	Rice	10.41	0.34	2.56	13.31
2	Jowar	1.58	10.41	0.05	12.04
3	Ragi	6.91	0.30	0.06	7.28
4	Maize	12.28	1.09	0.24	13.62
5	Bajra	2.79		0.03	2.82
6	Wheat		2.17		2.17
7	Minor Millets	0.27	0.01	0.00	0.27
	Total Cereals:	**34.24**	**14.32**	**2.95**	**51.51**
II	Pulses:				
1	Tur	7.70			7.70
2	Bengal gram		10.28		10.28
3	Horse gram	0.78	1.26	0.00	2.04
4	Black gram	0.90	0.06	0.01	0.97
5	Green gram	2.71	0.03	0.02	2.76
6	Cowpea & others	0.75	0.16	0.10	1.01
7	Avare	0.68	0.07	0.00	0.75
8	Moth bean (Madaki)	0.06			0.06
	Total Pulses:	**13.58**	**11.85**	**0.15**	**25.58**
I+II	**Total foodgrains:**	**47.82**	**26.17**	**3.09**	**77.08**
III	Oilseeds:				
1	Groundnut	5.10	0.13	2.12	7.35
2	Sesamum	0.56		0.01	0.57
3	Sunflower	1.97	2.20	0.20	4.37
4	Castor	0.16	0.00		0.16
5	Niger	0.16	0.03		0.19
6	Mustard	0.04	0.01	0.00	0.05
7	Soyabean	2.28	0.00	0.00	2.29
8	Safflower		0.43		0.43
9	Linseed		0.08		0.08
	Total Oilseeds:	**10.28**	**2.88**	**2.33**	**15.49**
IV	Commercial Crops:				
1	Cotton	5.32	0.77	0.01	6.09
2	Sugarcane	4.69	0.45	0.47	5.61
3	Tobacco	1.08	0.03		1.11
	Total Com. Crops	**11.09**	**1.24**	**0.48**	**12.81**
	Mesta	0.01	0.00	0.00	0.01
	Grand Total	**69.20**	**30.29**	**5.90**	**105.40**

Average of Area Coverage reported during 2010-11 to 2014-15 (as per reports of District JDAs).

STATEMENT - 4

District-wise Cultivated Area, Area under Irrigation and Rainfed Cultivation (2014-15)

Unit: Area in Hectares.

Sl. No.	District	Net Cultivated Area	Gross Cultivated area	Net Irrigated Area	Gross Irrigated Area	Net Rainfed cultivated area	Gross Rainfed cultivated area
1	2	3	4	5	6	7	8
1	Bagalkote	469859	569294	277220	298398	192639	270896
2	Bengaluru (Urban)	41422	45518	11146	12067	30276	33451
3	Bengaluru (Rural)	108103	111836	22491	25581	85612	86255
4	Belgaum	725098	1024970	507758	589508	217340	435462
5	Bellary	423114	548819	208501	290629	214613	258190
6	Bidar	312451	367699	39611	44359	272840	323340
7	Vijayapura	830084	914880	309811	354472	520273	560408
8	Chamarajanagar	153438	191028	54022	62851	99416	128177
9	Chikkaballapur	197657	212946	46512	54787	151145	158159
10	Chikkamagalur	298545	357636	53912	62113	244633	295523
11	Chitradurga	395167	499193	88117	103686	307050	395507
12	Dakshina Kannada	142402	168735	80527	82309	61875	86426
13	Davanagere	393146	480872	196716	251002	196430	229870
14	Dharwad	332716	463447	43113	56120	289603	407327
15	Gadag	377535	538246	91004	103442	286531	434804
16	Kalaburgi	892225	1049210	119895	132803	772330	916407
17	Hassan	367953	449430	104128	116564	263825	332866
18	Haveri	362046	428754	98447	120828	263599	307926
19	Kodagu	167282	190764	1637	1637	165645	189127
20	Kolar	167666	176675	19135	26144	148531	150531
21	Koppal	407846	500542	158282	180882	249564	319660
22	Mandya	220010	271964	130584	154229	89426	117735
23	Mysore	372306	486758	153774	170538	218532	316220
24	Raichur	474989	565707	211381	258920	263608	306787
25	Ramanagar	153661	160500	37322	41302	116339	119198
26	Shimoga	228410	264077	143639	174515	84771	89562
27	Tumkur	520202	599514	146072	163908	374130	435606
28	Udupi	96974	110929	32870	33642	64104	77287
29	Uttara Kannada	111981	123075	38778	40425	73203	82650
30	Yadgir	299536	373617	164302	178520	135234	195097
	Karnataka State:	**10043824**	**12246635**	**3590707**	**4186181**	**6453117**	**8060454**
	Area in Lakh Ha.	**100.44**	**122.47**	**35.91**	**41.86**	**64.53**	**80.60**

Source: ASCR 2014-15, Agri. Census 2010-11

STATEMENT - 5

District-wise Number of Agricultural Land Holdings and Operated Area (Agricultural Census 2010-11)

Unit: Holdings: Nos. Area: hects.

Sl. No.	District	Total Land Holdings	
		Number	Area
1	Bengaluru (Urban)	80615	79344
2	Bengaluru (Rural)	178867	152033
3	Ramnagar	271448	202566
4	Chitradurga	290577	560777
5	Davanagere	282677	413686
6	Kolar	236855	233923
7	Chikkaballapur	214462	226357
8	Shimoga	214008	262298
9	Tumkur	414428	676388
10	Chamarajanagar	212196	215142
11	Chikkamagalur	223477	313376
12	D.Kannada	209097	178415
13	Hassan	435681	463500
14	Kodagu	68881	167862
15	Mandya	395766	309432
16	Mysore	385726	368530
17	Udupi	200485	149617
18	Bellary	275135	537526
19	Bidar	250985	451775
20	Kalaburgi	395497	937537
21	Yadgir	226458	442272
22	Koppal	218102	433448
23	Raichur	332033	695787
24	Bagalkote	227731	487116
25	Belgaum	530935	992289
26	Vijayapura	342203	950332
27	Dharwad	143225	342978
28	Gadag	163466	390266
29	Haveri	218351	376918
30	U.Kannada	192822	149966
	State	**78,32,189**	**121,61,457**
	Average Holding Size		**1.55**

STATEMENT - 6

District-wise Number and Operated Area of Small/Marginal Farmers (Agricultural Census 2010-11)

Unit: Holdings : Nos. Area: hects.

Sl.	District	Marginal Farmers		Small Farmers		TOTAL SF/MF	
No.		No.	Area	No.	Area	No.	Area
1	Bengaluru (Urban)	56150	22220	14435	19950	70585	42170
2	Bengaluru (Rural)	130770	50653	31102	42602	161872	93254
3	Ramnagar	209458	77494	41191	56293	250649	133787
4	Chitradurga	109177	59138	90370	127587	199547	186725
5	Davanagere	135246	69322	84521	117138	219767	186460
6	Kolar	159140	67350	49321	67975	208461	135325
7	Chikkaballapur	140975	60423	45637	62820	186612	123243
8	Shimoga	125128	63754	55708	76742	180836	140496
9	Tumkur	197263	108983	113436	159940	310699	268923
10	Chamarajanagar	134251	59542	52943	74113	187194	133655
11	Chikkamagalur	128613	61160	56022	77115	184635	138275
12	D.Kannada	153155	58357	37460	50800	190615	109157
13	Hassan	285669	146209	102151	140715	387820	286924
14	Kodagu	28272	14066	17017	23872	45289	37939
15	Mandya	299197	138126	69130	90335	368327	228461
16	Mysore	260109	125363	86446	118014	346555	243377
17	Udupi	158750	51551	25316	34886	184066	86437
18	Bellary	105046	58679	82809	118364	187855	177043
19	Bidar	80616	44813	96617	136829	177233	181642
20	Kalaburgi	81912	50690	147493	216606	229405	267296
21	Yadgir	71675	40126	79346	114671	151021	154798
22	Koppal	66901	38113	75113	106893	142014	145006
23	Raichur	101422	58167	111859	160078	213281	218246
24	Bagalkote	69742	40351	75345	109374	145087	149725
25	Belgaum	215525	123462	156810	222975	372335	346437
26	Vijayapura	51150	32900	119792	176792	170942	209692
27	Dharwad	36383	21675	49355	71641	85738	93316
28	Gadag	35514	21316	60153	87828	95667	109145
29	Haveri	78001	42777	80346	114388	158347	157165
30	U.Kannada	143624	44165	30964	42666	174588	86831
	State	**38,48,834**	**18,50,946**	**21,38,208**	**30,20,002**	**59,87,042**	**48,70,948**
	Average Holding Size	**0.48**		**1.41**		**0.81**	

STATEMENT - 7

District-wise Number of Land Agricultural Labourers

District Code	State/District	Total Agricultural Labourers
-	**KARNATAKA**	**71,55,963**
01	BELGAUM	649517
02	BAGALKOT	303243
03	VIJAYAPURA	351600
04	BIDAR	280091
05	RAICHUR	383526
06	KOPPAL	273016
07	GADAG	200310
08	DHARWAD	207642
09	UTTARA KANNADA	116336
10	HAVERI	311263
11	BELLARY	406092
12	CHITRADURGA	294337
13	DAVANAGERE	295873
14	SHIMOGA	246464
15	UDUPI	63390
16	CHIKMAGALUR	126600
17	TUMKUR	352286
18	BENGALURU	97914
19	MANDYA	216159
20	HASSAN	165910
21	DAKSHINA KANNADA	29274
22	KODAGU	15153
23	MYSORE	311002
24	CHAMARAJANAGAR	214303
25	KALABURGI	415267
26	YADGIR	234655
27	KOLAR	201233
28	CHIKKABALLAPURA	206939
29	BENGALURU RURAL	84108
30	RAMANAGARA	102460
Source: Census of 2011		

STATEMENT - 8

Sectoral shares of GSDP at Current Prices

Sl. No.	Sector	2014-15	2015-16
		F.R.E	A.E.
1	Crops	9.62	8.66
2	Livestock	2.35	2.31
3	Forestry and Logging	0.82	0.76
4	Fishing	0.6	0.57
	Agriculture and Allied Sector	**13.4**	**12.3**
5	Mining and Quarrying	0.73	0.68
6	Manufacturing	15.19	14.59
7	Electricity, Gas, and Water supply	1.83	1.72
8	Construction	7.03	6.66
	Industry Sector	**24.79**	**23.65**
9	Trade & Repair Services	9.22	9.23
10	Hotels and Restaurants	1.7	1.66
11	Railways	0.31	0.32
12	Road transport	4.1	4.19
13	Water transport	0.03	0.03
14	Air transport	0.09	0.08
15	Services incidental to transport	0.06	0.06
16	Storage	0.05	0.05
17	Communication	1.67	1.83
18	Finances Services	4.72	4.57
19	Real Estate, Professional Services & Ownership of Dwellings and Professional Services	30.75	32.82
20	Public Administration	2.77	2.78
21	Other Services	6.34	6.44
	Services Sector	**61.82**	**64.05**
	Total GSVA at Basic Prices	100	100

A.E.: Advance Estimates, F.R.E.: First Advance Estimates
Source: Directorate of Economics and Statistics, Government of Karnataka

STATEMENT - 9

District wise Weighted Average Rainfall Pattern during Rabi 2016

Sl. No.	District Name	Oct-16			Nov-16			Dec-16			North East Monsoon Rainfall Pattern 2016		
		Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% Dep.	Normal (mm)	Actual (mm)	% DEP
South Interior Karnataka		***146***	***23***	***-84***	***50***	***5***	***-90***	***14***	***38***	***174***	***210***	***67***	***-68***
1	BENGALURU URBAN	160	34	-79	57	5	-92	17	68	307	234	106	-55
2	BENGALURU RURAL	161	34	-79	54	8	-86	14	60	336	229	101	-56
3	RAMANAGARA	169	32	-81	53	5	-91	16	56	257	238	93	-61
4	KOLAR	151	23	-85	62	4	-94	23	80	244	236	107	-55
5	CHIKKABALLAPURA	155	8	-95	53	8	-84	15	60	304	222	76	-66
6	TUMAKURU	147	22	-85	47	5	-90	10	36	255	204	63	-69
7	CHITRADURGA	117	17	-85	34	1	-98	9	17	95	160	34	-79
8	DAVANAGERE	121	12	-90	44	3	-94	8	8	-4	173	23	-87
9	CHAMARAJANAGARA	166	36	-78	67	6	-91	24	34	42	257	76	-70
10	MYSURU	146	19	-87	51	8	-85	14	30	111	211	56	-73
11	MANDYA	165	40	-76	51	8	-84	17	45	170	233	93	-60
North Interior Karnataka		***111***	***22***	***-80***	***28***	***3***	***-89***	***7***	***2***	***-67***	***145***	***27***	***-81***
1	BALLARI	107	5	-95	32	2	-95	11	9	-21	150	16	-89
2	KOPPALA	108	16	-85	27	0	-99	8	2	-77	142	18	-87
3	RAICHUR	114	13	-88	23	0	-100	6	3	-52	143	16	-89
4	KALABURAGI	101	35	-65	21	3	-87	5	2	-57	127	40	-68
5	YADGIR	121	22	-82	23	3	-86	6	1	-89	150	26	-83
6	BIDAR	91	99	9	19	0	-98	6	3	-60	116	102	-12
7	BELAGAVI	116	20	-83	31	6	-80	6	0	-95	153	27	-83
8	BAGALKOTE	111	9	-92	26	0	-99	7	0	-98	144	10	-93
9	VIJAYAPURA	110	19	-83	25	1	-95	6	1	-87	141	21	-85
10	GADAG	121	6	-95	34	0	-99	8	4	-50	162	10	-94
11	HAVERI	118	8	-93	43	13	-69	7	3	-59	168	24	-86
12	DHARWAD	114	16	-86	39	9	-76	6	1	-91	159	26	-84
Malnad		***161***	***30***	***-81***	***55***	***19***	***-65***	***13***	***24***	***94***	***228***	***74***	***-68***
1	SHIVAMOGGA	146	36	-75	46	26	-44	10	5	-49	202	67	-67
2	HASSAN	159	23	-86	54	14	-75	12	34	175	225	71	-69
3	CHIKKAMAGALURU	159	29	-82	56	15	-73	13	26	96	228	70	-69
4	KODAGU	201	31	-84	70	21	-70	18	47	163	288	99	-66
Coastal		***187***	***80***	***-57***	***61***	***26***	***-58***	***13***	***6***	***-54***	***261***	***112***	***-57***
1	DAKSHINA KANNADA	261	53	-80	89	55	-38	16	13	-22	367	120	-67
2	UDUPI	213	82	-61	70	16	-77	16	8	-47	299	106	-64
3	UTTARA KANNADA	143	93	-35	44	15	-66	10	2	-80	198	111	-44
STATE		***136***	***29***	***-78***	***41***	***8***	***-80***	***10***	***17***	***64***	***188***	***54***	***-71***

	Classification	October 2016			November - 2016			December 2016			North East Monsoon Rainfall Pattern 2016		
		Dist.	Taluk	Hobli	Dist.	Taluk	Hobli	Dist.	Taluk	Hobli	Dist.	Taluk	Hobli
	Excess	0	4	20	0	0	4	13	73	343	0	0	4
	Normal	1	4	19	0	3	20	1	13	50	1	7	30
	Deficit	1	10	44	2	17	64	8	26	90	4	27	126
	Scanty	28	158	664	28	154	597	8	62	245	25	142	587
	Nil Rainfall	0	0	0	0	2	62	0	2	19	0	0	0

Source: KSNDMC, Bengaluru.

STATEMENT - 10

CROP-WISE TARGETTED AREA AND AREA SOWN DURING RABI 2016-17

(Up to 31.12.2016)

Area in lakh hects.

Sl. No.	Crops	Targetted Area	Area Sown			% Coverage	Corresponding coverage of last year (31.12.2015)	Normal coverage by End of Dec.	% of normal coverage	Area affected by Dry Spell
			Irrigated	Rainfed	Total					
1	2	3	4	5	6	7	8	9	10	11
I	Cereals:									
1	Rice	0.32	0.21	0.01	0.22	69	0.32	0.34	64	0.00
2	Jowar	10.42	0.45	7.93	8.38	80	9.92	10.41	81	5.40
3	Ragi	0.29	0.10	0.06	0.16	56	0.35	0.30	52	0.05
4	Maize	1.13	0.71	0.10	0.82	72	0.96	1.09	75	0.20
5	Wheat	2.32	0.89	0.68	1.57	68	1.74	2.17	72	0.63
6	Minor Millets	0.02	0.000	0.002	0.00	10	0.015	0.007	30	0.00
	Total Cereals:	**14.50**	**2.36**	**8.78**	**11.15**	**77**	**13.30**	**14.32**	**78**	**6.28**
II	Pulses:									
1	Bengal gram	11.26	0.96	9.86	10.81	96	15.45	10.28	105	6.68
2	Horse gram	1.21	0.00	0.89	0.89	73	1.09	1.26	71	0.84
3	Black gram	0.06	0.001	0.033	0.03	55	0.054	0.060	58	0.00
4	Green gram	0.04	0.003	0.02	0.03	66	0.023	0.025	106	0.02
5	Cowpea & others	0.16	0.02	0.07	0.09	53	0.17	0.16	55	0.02
6	Avare	0.09	0.00	0.01	0.01	11	0.10	0.07	16	0.00
	Total Pulses:	**12.83**	**0.98**	**10.88**	**11.86**	**92**	**16.88**	**11.85**	**100**	**7.56**
I+II	**Total food grains:**	**27.33**	**3.35**	**19.66**	**23.01**	**84**	**30.17**	**26.17**	**88**	**13.84**
III	Oilseeds:									
1	Sunflower	2.58	0.11	0.91	1.02	40	2.26	2.20	46	0.80
2	Safflower	0.53	0.00	0.31	0.31	59	0.57	0.43	73	0.10
3	Linseed	0.08	0.00	0.03	0.03	39	0.06	0.08	39	0.02
4	Soyabean	0.004	0.000	0.000	0.00177		0.00	0.00		0.00
5	Castor	0.0000	0.000	0.001	0.00072		0.00	0.00		0.00
6	Niger	0.025	0.000	0.002	0.00215	8	0.01	0.03	8	0.00
7	Others (Mustard)	0.005	0.002	0.001	0.002	52	0.00	0.01	21	0.00
8	Groundnut	*0.56*	0.79	0.28	1.07	190	0.45	0.33	320	0.02
	Total Oilseeds:	**3.78238**	**0.91**	**1.53**	**2.44**	**64**	**3.36**	**2.88**	**85**	**0.94**
IV	Commercial Crops:									
1	Cotton	0.75	0.00	0.22	0.22	30	0.33	0.77	29	0.21
2	Sugarcane	0.38	0.30	0.00	0.30	80	0.72	0.45	68	0.01
3	Tobacco	0.01	0.00	0.00	0.00	18	0.14	0.03	7	0.00
	Total Com. Crops	**1.15**	**0.30**	**0.23**	**0.53**	**46**	**1.19**	**1.24**	**43**	**0.23**
	Grand Total	**32.25**	**4.55**	**21.42**	**25.98**	**81**	**34.73**	**30.29**	**86**	**15.00**

*** Normal area coverage: Average of five years- 2010-11 to 2014-15**

STATEMENT - 11

DISTRICT-WISE TARGETTED AREA AND AREA SOWN DURING RABI 2016-17

(Up to 31.12.2016)

Area in lakh hects.

Sl. No.	District	Targetted Area	Area Sown			% Coverage	Corresponding coverage of last year (31.12.2015)	Normal coverage by End of Dec.	% of normal coverage	Area affected by Dry Spell
			Irrigated	Rainfed	Total					
1	2	3	4	5	6	7	8	9	10	11
1	Bengaluru (Urban)	0.01	0.00	0.00	0.00	69	0.007	0.010	46	0.00
2	Bengaluru (Rural)	0.02	0.00	0.01	0.01	50	0.01	0.02	50	0.00
3	Ramanagar	0.03	0.00	0.08	0.08	274	0.03	0.04	227	0.08
4	Kolar	0.09	0.00	0.05	0.05	54	0.10	0.11	46	0.05
5	Chikkaballapur	0.02	0.01	0.01	0.02	85	0.01	0.01	129	0.00
6	Tumakuru	0.09	0.00	0.00	0.01	6	0.05	0.11	5	0.00
7	Shivamogga	0.01	0.00	0.01	0.01	67	0.01	0.01	88	0.00
8	Chitradurga	0.58	0.05	0.08	0.13	22	0.57	0.58	22	0.12
9	Davanagere	0.26	0.06	0.04	0.10	38	0.19	0.19	51	0.04
10	Mysuru	0.60	0.00	0.21	0.21	36	0.63	0.61	35	0.10
11	Chamarajanagar	0.24	0.04	0.24	0.27	115	0.15	0.27	102	0.24
12	Mandya	0.24	0.04	0.29	0.33	136	0.42	0.31	105	0.31
13	Kodagu	0.001	0.00	0.00	0.00	7	0.00	0.00	11	0.00
14	Hassan	0.29	0.05	0.03	0.08	26	0.15	0.28	27	0.00
15	Chikkamagaluru	0.30	0.00	0.13	0.13	43	0.30	0.25	51	0.09
16	D.Kannada	0.22	0.14	0.01	0.15	69	0.21	0.23	65	0.00
17	Udupi	0.13	0.04	0.05	0.09	68	0.12	0.13	71	0.00
18	Dharwad	1.84	0.03	1.56	1.59	87	2.07	1.94	82	1.54
19	Gadag	2.53	0.26	2.15	2.42	95	2.92	2.45	99	2.22
20	Haveri	0.59	0.07	0.15	0.21	36	0.49	0.48	45	0.18
21	U.Kannada	0.05	0.00	0.03	0.03	57	0.04	0.03	83	0.00
22	Belagavi	3.35	0.99	2.02	3.01	90	3.52	3.03	99	1.64
23	Vijapura *	5.25	0.62	2.80	3.42	65	6.66	4.74	72	2.74
24	Bagalkot	3.00	0.78	2.12	2.90	97	3.07	2.94	99	2.05
25	Raichur	2.35	0.53	2.04	2.57	110	2.92	2.37	108	1.92
26	Koppal	1.54	0.03	0.98	1.01	66	1.68	1.43	71	0.96
27	Ballari	1.54	0.16	0.20	0.36	23	1.71	1.21	30	0.15
28	Kalaburagi	4.45	0.20	4.16	4.36	98	4.54	4.44	98	0.18
29	Yadgir	1.55	0.36	0.81	1.17	76	1.01	1.13	103	0.40
30	Bidar	1.09	0.07	1.18	1.25	115	1.13	0.94	132	0.00
	STATE:	**32.25**	**4.56**	**21.42**	**25.98**	**81**	**34.73**	**30.29**	**86**	**15.00**

*** Normal area coverage: Average of five years- 2010-11 to 2014-15**

ANNEXURE-2

Details of Agriculture Crops affected due to DROUGHT during RABI 2016-17

(As on 24.01.2017)

Sl. No.		Name of the Drought affected District/ Taluk	Crop (Area in Hectares)																			Total affected area
			Paddy	Jowar	Ragi	Maize	Wheat	Minor Millets	Bengal gram	Black gram	Green gram	Cowpea/ Avare/ Horse gram/ Mothbean	Ground-nut	Sesamum/ Castor/ Niger/ Mustard	Sunflower	Safflower	Linseed	Soyabean/ others	Cotton	Sugarcane	Tobacco	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1		BENGALURU (U)																				
	1	Anekal										73										73
	2	Bangalore North										0										0
	3	Bangalore South										0										0
	4	Bangalore East										0										0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**73**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**73**
2		BENGALURU (R)																				
	1	Devanahalli																				0
	2	Dodaballapur																				0
	3	Hoskote							76			148										224
	4	Nelamangala																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**76**	**0**	**0**	**148**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**224**
3		RAMANAGAR																				
	1	Channapatna										700										700
	2	Kanakapura										3810										3810
	3	Magadi										1810										1810
	4	Ramnagar										2150										2150
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8470**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**8470**
4		CHITRADURGA																				
	1	Challakere	105	281	1158	2236	34	2	140			38			34							4028
	2	Chitradurga		691					3901			45		1	5							4643
	3	Hiriyur		220	419		43		1326													2008
	4	Holalkere		28					48			20			181							277
	5	Hosadurga		51					274			628										953
	6	Molakalmuru		46	34	179						16										275
		Dist.	**105**	**1317**	**1611**	**2415**	**77**	**2**	**5689**	**0**	**0**	**747**	**0**	**1**	**220**	**0**	**0**	**0**	**0**	**0**	**0**	**12184**
5		DAVANAGERE																				
	1	Channagiri	0	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	0
	2	Davanagere	0	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	0
	3	Harihar	0	0	0	0	0		0	0	0	0	0	0	0	0	0		0	0	0	0
	4	Harapanahalli	0	750	150	50	10		160			915			170				50	10	50	2315
	5	Honnali	0	802	1	280	4		135			375			25							1622
	6	Jagalur	0	75					86						15							176
		Dist.	**0**	**1627**	**151**	**330**	**14**	**0**	**381**	**0**	**0**	**1290**	**0**	**0**	**210**	**0**	**0**	**0**	**50**	**10**	**50**	**4113**
6		KOLAR																				
	1	Bangarpet	0	0	0	0	0	0	0	0	0	1322	0	0	0	0	0	0	0	0	0	1322
	2	Kolar	0	0	0	0	0	0	0	0	0	1052	0	0	0	0	0	0	0	0	0	1052
	3	Malur	0	0	0	0	0	0	0	0	0	438	0	0	0	0	0	0	0	0	0	438
	4	Mulbagal	0	0	0	0	0	0	0	0	0	1121	0	0	0	0	0	0	0	0	0	1121
	5	Srinivasapura	0	0	0	0	0	0	0	0	0	914	0	0	0	0	0	0	0	0	0	914
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4847**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**4847**
7		CHIKKABALLAPUR																				
	1	Bagepalli	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	Chikkaballapur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	3	Chintamani	0	0	0	0	0	0	0	0	0	408	0	0	0	0	0	0	0	0	0	408
	4	Gauribidanur	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	Gudibanda	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	Sidlaghatta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**408**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**408**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
8		SHIVAMOGA																				
	1	Bhadravathi																				0
	2	Hosanagar																				0
	3	Sagar																				0
	4	Shikaripur																				0
	5	Shimoga																				0
	6	Sorab																				0
	7	Tirthahalli																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
9		TUMAKURU																				
	1	Chikkanayakanahalli																				0
	2	Gubbi																				0
	3	Koratagere																				0
	4	Kunigal	110		31							70										211
	5	Madhugiri																				0
	6	Pavagada																				0
	7	Sira		35								125										160
	8	Tiptur																				0
	9	Tumkur																				0
	10	Turuvekere																				0
		Dist.	**110**	**35**	**31**	**0**	**0**	**0**	**0**	**0**	**0**	**195**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**371**
10		CHAMARAJANAGAR																				
	1	Chamarajanagar				94			36		12	11852										11994
	2	Gundlupet				43			452		0	8823										9318
	3	Kollegal			35	75			10		0	2005										2125
	4	Yelandur				0			0		0	165										165
		Dist.	**0**	**0**	**35**	**212**	**0**	**0**	**498**	**0**	**12**	**22845**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**23602**
11		CHICKMAGALUR																				
	1	Chickmagalur		270					15			340										625
	2	Kadur		1451					2122			960										4533
	3	Koppa																				0
	4	Mudigere																				0
	5	Narasimharajapur																				0
	6	Shringeri																				0
	7	Tarikere		1635					1480			985										4100
		Dist.	**0**	**3356**	**0**	**0**	**0**	**0**	**3617**	**0**	**0**	**2285**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9258**
12		DAKSHINA KANNADA																				
	1	Belthangady																				0
	2	Bantwal																				0
	3	Mangalore																				0
	4	Puttur																				0
	5	Sullia																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
13		HASSAN																				
	1	Alur																				0
	2	Arkalgud																				0
	3	Arasikere																				0
	4	Belur																				0
	5	Channarayapatna																				0
	6	Hassan																				0
	7	Holenarasipur																				0
	8	Sakaleshpur																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
14		KODAGU																				
	1	Madikeri																				0
	2	Somwarpet																				0
	3	Virajpet																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
15		MANDYA																				
	1	Krishnarajapet										6880								667		7547
	2	Maddur			380	40				4		3335								421		4180
	3	Malavalli										1948										1948
	4	Mandya		0	318							2259										2577
	5	Nagamangala										7800										7800
	6	Pandavapura			350					12	12	3528								110		4012
	7	Srirangapatna								6	5	2544										2555
		Dist.	**0**	**0**	**1048**	**40**	**0**	**0**	**0**	**22**	**17**	**28294**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1198**	**0**	**30619**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
		MYSURU																				
	1	Heggadadevanakote			295							2150										2445
	2	Hunsur			205	405						253										863
	3	Krishnarajanagar			900	670						1810										3380
16	4	Mysore										726										726
	5	Nanjanagud		56								1720										1776
	6	Periyapatna			398							78										476
	7	T.Narasipur										152										152
		Dist.	**0**	**56**	**1798**	**1075**	**0**	**0**	**0**	**0**	**0**	**6889**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**9818**
		UDUPI																				
	1	Karkala																				0
17	2	Kundapur																				0
	3	Udupi																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
		BALLARI																				
	1	Ballari		1510					2640						10							4160
	2	Hadagali		183		84	20		345			130			171							933
	3	Hagaribommanahalli	12	190	55	345			310			483	260		1517				17		31	3220
18	4	Hospet	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	Kudligi		577	109	161	17		1035			69			508							2476
	6	Sandur				12			134													146
	7	Siruguppa		2788					680						127							3595
		Dist.	**12**	**5248**	**164**	**602**	**37**	**0**	**5144**	**0**	**0**	**682**	**260**	**0**	**2333**	**0**	**0**	**0**	**17**	**0**	**31**	**14530**
		BIDAR																				
	1	Aurad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2	Basvakalyan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	3	Bhalki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	Bidar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	Humnabad	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
		KALABURAGI																				
	1	Afzalpur		3504																		3504
	2	Aland		2414																		2414
	3	Chincholi		2710																		2710
20	4	Chitapur		1840																		1840
	5	Kalburagi		2810																		2810
	6	Jewargi		2313																		2313
	7	Sedam		2250																		2250
		Dist.	**0**	**17841**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**17841**
		YADGIR																				
	1	Shahapur		12033		5	35		6738			75	1863	36	552	45						21382
21	2	Shorapur		5321					3010			0	0	0	0	0						8331
	3	Yadgir		10113					2			0	0	0	0	0						10115
		Dist.	**0**	**27467**	**0**	**5**	**35**	**0**	**9750**	**0**	**0**	**75**	**1863**	**36**	**552**	**45**	**0**	**0**	**0**	**0**	**0**	**39828**
		KOPPAL																				
	1	Gangavathi		2930			60		6655			145			1668	165	90		70			11783
22	2	Koppal		6200			480		9375			370			2152	140	98		117			18932
	3	Kushtagi		6980			130		8995			1380			5390	310	84		165			23434
	4	Yelburga		10550			690		17560			2980			8840	480	260		217			41577
		Dist.	**0**	**26660**	**0**	**0**	**1360**	**0**	**42585**	**0**	**0**	**4875**	**0**	**0**	**18050**	**1095**	**532**	**0**	**569**	**0**	**0**	**95726**
		RAICHUR																				
	1	Deodurg		10100					9215													19315
	2	Lingsugur		16136			325		48560						2010	315						67346
23	3	Manvi		26030					25020						5920	100						57070
	4	Raichur		6500					13253													19753
	5	Sindhanur		7950		375			14500						5275							28100
		Dist.	**0**	**66716**	**0**	**375**	**325**	**0**	**110548**	**0**	**0**	**0**	**0**	**0**	**13205**	**415**	**0**	**0**	**0**	**0**	**0**	**191584**
		BAGALKOTE																				
	1	Badami		25950		1100	2850		12300			250			2000	50	500					45000
	2	Bagalkote		19750			1210		16300			200			1320	270	730					39780
24	3	Bilgi		4500			500		2500						100	100	200					7900
	4	Hungund		18050		25	1550		56625			80			10570	525			120			87545
	5	Jamkhandi		9780					4125						45	40	20					14010
	6	Mudhol		10000					1200													11200
		Dist.	**0**	**88030**	**0**	**1125**	**6110**	**0**	**93050**	**0**	**0**	**530**	**0**	**0**	**14035**	**985**	**1450**	**0**	**120**	**0**	**0**	**205435**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
		BELGAVI																				
	1	Athani		15525		630	450		10557			0			0	0	0					27162
	2	Bailhongal		15677		726	1239		10693			75			0	45	0					28455
	3	Belgavi		5572		45	98		1545			916		36	0	0	0					8212
	4	Chikkodi		6250		3200	1500		4500			0			0	0	0					15450
25	5	Gokak		470		0	0		8			0			13	0	0					491
	6	Hukkeri		4618		673	298		1398			0			0	0	0					6987
	7	Khanapur		0		0	0		0			0			0	0	0					0
	8	Raibagh		970		585	55		534			0			0	0	0					2144
	9	Ramdurg		26470		0	869		16870			300			1250	450	0					46209
	10	Soundatti		16196		0	1569		9800			72			289	520	48					28494
		Dist.	**0**	**91748**	**0**	**5859**	**6078**	**0**	**55905**	**0**	**0**	**1363**	**0**	**36**	**1552**	**1015**	**48**	**0**	**0**	**0**	**0**	**163604**
		VIJAYAPUR																				
	1	Bagewadi		12550		100	4183		31250						450	160	21					48714
	2	Vijaypura		26296		0	7283		59575						4890	105	0					98149
26	3	Indi		28547		0	859		26626						547	110	56					56745
	4	Muddebihal		10000		0	2000		15000						1500	300	0					28800
	5	Sindagi		18980		0	3323		14722						4794	0	0					41819
		Dist.	**0**	**96373**	**0**	**100**	**17648**	**0**	**147173**	**0**	**0**	**0**	**0**	**0**	**12181**	**675**	**77**	**0**	**0**	**0**	**0**	**274227**
		DHARWAD																				
	1	Dharwar		8563		614	1613	0	24555		0	117			0	582			0			36044
	2	Hubli		4428		933	2113	42	8111		9	146			2	261			80			16125
27	3	Kalghatgi		7550		0	0	0	550		1057	230			0	0			0			9387
	4	Kundgol		7570		0	4681	0	6011		0	320			0	2230			5670			26482
	5	Navalgund		16103		0	13141	0	33203		0	0			704	1210			1207			65568
		Dist.	**0**	**44214**	**0**	**1547**	**21548**	**42**	**72430**	**0**	**1066**	**813**	**0**	**0**	**706**	**4283**	**0**	**0**	**6957**	**0**	**0**	**153606**
		GADAG																				
	1	Gadag		12859		0	4866	0	31551			0			2889	494		0	9757	0		62416
	2	Mundargi		14271		3288	1404	53	9359			58			3710	58		0	566	277		33044
28	3	Naragund		3962		0	1162	0	22568			0			408	248		0	0	0		28348
	4	Ron		8920		0	1424	0	51480			0			2320	60		0	0	0		64204
	5	Shirahatti		17100		0	670	0	5600			270			7100	250		72	3010	0		34072
		Dist.	**0**	**57112**	**0**	**3288**	**9526**	**53**	**120558**	**0**	**0**	**328**	**0**	**0**	**16427**	**1110**	**0**	**72**	**13333**	**277**	**0**	**222084**
		HAVERI																				
	1	Byadgi		1862		145			66			14			6							2093
	2	Haveri		2445		938	25		522						34							3964
	3	Hanagal		242					13		250	113										618
29	4	Hirekerur		790					137			243										1170
	5	Ranebennur		4017		1096			511			120			134							5878
	6	Savanur		647		190	69		69			87	47			44						1153
	7	Shiggaon		1780		779	18	45	16	25	313	129		9	2			25				3141
		Dist.	**0**	**11783**	**0**	**3148**	**112**	**45**	**1334**	**25**	**563**	**706**	**47**	**9**	**176**	**44**	**0**	**25**	**0**	**0**	**0**	**18017**
		UTTARA KANNADA																				
	1	Ankola																				0
	2	Bhatkal																				0
	3	Haliyal																				0
	4	Honnavar																				0
	5	Karwar																				0
30	6	Kumta																				0
	7	Mundgod																				0
	8	Siddapur																				0
	9	Sirsi																				0
	10	Supa (Joida)																				0
	11	Yellapur																				0
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
		State	227	539583	4838	20121	62870	142	668738	47	1658	85863	2170	82	79647	9667	2107	97	21046	1485	81	1500469
Cost of Cultivation per ha. Rs. (KAPC- COC Study Report 2015-16)			79487	42479	54157	51627	58000	42479	49116	40534	40507	40507	60381	27000	42086	23185	23815	44347	81177	113707	117226	
Estimated loss @COC Rs.in Lakhs			**180.44**	**229209.46**	**2620.12**	**10387.87**	**36464.60**	**60.32**	**328457.36**	**19.05**	**671.61**	**34780.53**	**1310.27**	**22.14**	**33520.24**	**2241.29**	**501.78**	**43.02**	**17084.51**	**1688.55**	**94.95**	**699358.09**

Appendix - III

Details of Crop Loss due to DROUGHT during RABI 2016-17

Assistance for Agriculture input subsidy to Small & Marginal Farmers (SMF)

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area affected (in ha)	Total Agriculture area where crop loss is >33% (Ha.)	Out of col.4 area belonging to SMF			Assistance sought for different categories of crops			Total assistance sought (Rs. in lakh)
					Rainfed (Ha.)	Irrigated (Ha.)	Perennial (Ha.)	Rainfed (Rs. 6800 * col. 5A)	Irrigated (Rs. 13500* col. 5B)	Perennial (Rs.1800	
1	2	3	3	4	5A	5B	5C	6A	6B	6C	7
1		BENGALURU (U)									
	1	Anekal	73	73	73	0	0	496400	0	0	4.96
	2	Bangalore North	0	0	0	0	0	0	0	0	0.00
	3	Bangalore South	0	0	0	0	0	0	0	0	0.00
	4	Bangalore East	**0**	**0**	**0**	0	0	0	0	0	0.00
		Dist.	**73**	**73**	**73**	**0**	**0**	**496400**	**0**	**0**	**4.96**
2		BENGALURU (R)									
	1	Devanahalli	0	0	0	0	0	0	0	0	0.00
	2	Dodaballapur	0	0	0	0	0	0	0	0	0.00
	3	Hoskote	224	224	224	0	0	1523200	0	0	15.23
	4	Nelamangala	0	0	0	0	0	0	0	0	0.00
		Dist.	**224**	**224**	**224**	**0**	**0**	**1523200**	**0**	**0**	**15.23**
3		RAMANAGAR									
	1	Channapatna	700	700	700	0	0	4760000	0	0	47.60
	2	Kanakapura	3810	3810	3810	0	0	25908000	0	0	259.08
	3	Magadi	1810	1810	1810	0	0	12308000	0	0	123.08
	4	Ramnagar	2150	2150	2150	0	0	14620000	0	0	146.20
		Dist.	**8470**	**8470**	**8470**	**0**	**0**	**57596000**	**0**	**0**	**575.96**
4		CHITRADURGA									
	1	Challakere	4028	4028	2481	0	0	16870800	0	0	168.71
	2	Chitradurga	4643	4643	2516	0	0	17108800	0	0	171.09
	3	Hiriyur	2008	2008	1100	0	0	7480000	0	0	74.80
	4	Holalkere	277	277	216	6	0	1468800	81000	0	15.50
	5	Hosadurga	953	953	718	0	0	4882400	0	0	48.82
	6	Molakalmuru	275	275	164	0	0	1115200	0	0	11.15
		Dist.	**12184**	**12184**	**7195**	**6**	**0**	**48926000**	**81000**	**0**	**490.07**
5		DAVANAGERE									
	1	Channagiri	0	0	0	0	0	0	0	0	0.00
	2	Davanagere	0	0	0	0	0	0	0	0	0.00
	3	Harihar	0	0	0	0	0	0	0	0	0.00
	4	Harapanahalli	2315	2077	1710	0	0	11628000	0	0	116.28
	5	Honnali	1622	1134	984	0	0	6691200	0	0	66.91
	6	Jagalur	176	176	110	0	0	748000	0	0	7.48
		Dist.	**4113**	**3387**	**2804**	**0**	**0**	**19067200**	**0**	**0**	**190.67**
6		KOLAR									
	1	Bangarpet	1322	1322	1290	0	0	8772000	0	0	87.72
	2	Kolar	1052	1052	1032	0	0	7017600	0	0	70.18
	3	Malur	438	438	420	0	0	2856000	0	0	28.56
	4	Mulbagal	1121	1121	1098	0	0	7466400	0	0	74.66
	5	Srinivasapura	914	914	905	0	0	6154000	0	0	61.54
		Dist.	**4847**	**4847**	**4745**	**0**	**0**	**32266000**	**0**	**0**	**322.66**
7		CHIKKABALLAPUR									
	1	Bagepalli	0	0	0	0	0	0	0	0	0.00
	2	Chikkaballapur	0	0	0	0	0	0	0	0	0.00
	3	Chintamani	408	213	213	0	0	1448400	0	0	14.48
	4	Gauribidanur	0	0	0	0	0	0	0	0	0.00
	5	Gudibanda	0	0	0	0	0	0	0	0	0.00
	6	Sidlaghatta	0	0	0	0	0	0	0	0	0.00
		Dist.	**408**	**213**	**213**	**0**	**0**	**1448400**	**0**	**0**	**14.484**

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area affected (in ha)	Total Agriculture area where crop loss is >33% (Ha.)	Out of col.4 area belonging to SMF			Assistance sought for different categories of crops			Total assistance sought (Rs. in lakh)
					Rainfed (Ha.)	Irrigated (Ha.)	Perennial (Ha.)	Rainfed (Rs. 6800 * col. 5A)	Irrigated (Rs. 13500* col. 5B)	Perennial (Rs.1800	
8		SHIVAMOGA									
	1	Bhadravathi						0	0	0	0.00
	2	Hosanagar						0	0	0	0.00
	3	Sagar						0	0	0	0.00
	4	Shikaripur						0	0	0	0.00
	5	Shimoga						0	0	0	0.00
	6	Sorab						0	0	0	0.00
	7	Tirthahalli						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
9		TUMAKURU									
	1	Chikkanayakanahalli	0	0				0	0	0	0.00
	2	Gubbi	0	0				0	0	0	0.00
	3	Koratagere	0	0				0	0	0	0.00
	4	Kunigal	211	211	70	141	0	476000	1903500	0	23.80
	5	Madhugiri	0	0				0	0	0	0.00
	6	Pavagada	0	0				0	0	0	0.00
	7	Sira	160	160	160	0	0	1088000	0	0	10.88
	8	Tiptur	0	0				0	0	0	0.00
	9	Tumkur	0	0				0	0	0	0.00
	10	Turuvekere	0	0				0	0	0	0.00
		Dist.	**371**	**371**	**230**	**141**	**0**	**1564000**	**1903500**	**0**	**34.675**
10		CHAMARAJANAGAR									
	1	Chamarajanagar	11994	11982	9660	0	0	65688000	0	0	656.88
	2	Gundlupet	9318	9318	9318	0	0	63362400	0	0	633.62
	3	Kollegal	2125	2125	2125	0	0	14450000	0	0	144.50
	4	Yelandur	165	165	165	0	0	1122000	0	0	11.22
		Dist.	**23602**	**23590**	**21268**	**0**	**0**	**144622400**	**0**	**0**	**1446.22**
11		CHICKMAGALUR									
	1	Chickmagalur	625	625	625	0	0	4250000	0	0	42.50
	2	Kadur	4533	4533	4533	0	0	30824400	0	0	308.24
	3	Koppa	0	0	0	0	0	0	0	0	0.00
	4	Mudigere	0	0	0	0	0	0	0	0	0.00
	5	Narasimharajapur	0	0	0	0	0	0	0	0	0.00
	6	Shringeri	0	0	0	0	0	0	0	0	0.00
	7	Tarikere	4100	4100	4100	0	0	27880000	0	0	278.80
		Dist.	**9258**	**9258**	**9258**	**0**	**0**	**62954400**	**0**	**0**	**629.54**
12		DAKSHINA KANNADA									
	1	Belthangady						0	0	0	0.00
	2	Bantwal						0	0	0	0.00
	3	Mangalore						0	0	0	0.00
	4	Puttur						0	0	0	0.00
	5	Sullia						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
13		HASSAN									
	1	Alur						0	0	0	0.00
	2	Arkalgud						0	0	0	0.00
	3	Arasikere						0	0	0	0.00
	4	Belur						0	0	0	0.00
	5	Channarayapatna						0	0	0	0.00
	6	Hassan						0	0	0	0.00
	7	Holenarasipur						0	0	0	0.00
	8	Sakaleshpur						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
14		KODAGU									
	1	Madikeri						0	0	0	0.00
	2	Somwarpet						0	0	0	0.00
	3	Virajpet						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area affected (in ha)	Total Agriculture area where crop loss is >33% (Ha.)	Out of col.4 area belonging to SMF			Assistance sought for different categories of crops			Total assistance sought (Rs. in lakh)
					Rainfed (Ha.)	Irrigated (Ha.)	Perennial (Ha.)	Rainfed (Rs. 6800 * col. 5A)	Irrigated (Rs. 13500* col. 5B)	Perennial (Rs.1800	
15		MANDYA									
	1	Krishnarajapet	7547	7515	6650	593	0	45220000	8005500	0	532.26
	2	Maddur	4180	4180	3238	769	0	22018400	10381500	0	324.00
	3	Malavalli	1948	1948	1831	0	0	12450800	0	0	124.51
	4	Mandya	2577	2577	2467	0	0	16775600	0	0	167.76
	5	Nagamangala	7800	7800	7390	0	0	50252000	0	0	502.52
	6	Pandavapura	4012	3885	3615	74	0	24582000	999000	0	255.81
	7	Srirangapatna	2555	2555	2555	0	0	17374000	0	0	173.74
		Dist.	**30619**	**30460**	**27746**	**1436**	**0**	**188672800**	**19386000**	**0**	**2080.59**
16		MYSURU									
	1	Heggadadevanakote	2445	2445	2445	0	0	16626000	0	0	166.26
	2	Hunsur	863	863	773	0	0	5256400	0	0	52.56
	3	Krishnarajanagar	3380	3240	3240	0	0	22032000	0	0	220.32
	4	Mysore	726	0	0	0	0	0	0	0	0.00
	5	Nanjanagud	1776	1776	1776	0	0	12076800	0	0	120.77
	6	Periyapatna	476	0	0	0	0	0	0	0	0.00
	7	T.Narasipur	152	152	152	0	0	1033600	0	0	10.34
		Dist.	**9818**	**8476**	**8386**	**0**	**0**	**57024800**	**0**	**0**	**570.25**
17		UDUPI									
	1	Karkala						0	0	0	0.00
	2	Kundapur						0	0	0	0.00
	3	Udupi						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
18		BALLARI									
	1	Ballari	4160	4160	3160	0	0	21488000	0	0	214.88
	2	Hadagali	933	933	662	28	0	4501600	378000	0	48.80
	3	Hagaribommanahalli	3220	3220	1930	735	0	13124000	9922500	0	230.47
	4	Hospet	0	0	0	0	0	0	0	0	0.00
	5	Kudligi	2476	2476	1500	72	0	10200000	972000	0	111.72
	6	Sandur	146	146	0	146	0	0	1971000	0	19.71
	7	Siruguppa	3595	3595	2735	0	0	18598000	0	0	185.98
		Dist.	**14530**	**14530**	**9987**	**981**	**0**	**67911600**	**13243500**	**0**	**811.55**
19		BIDAR									
	1	Aurad						0	0	0	0.00
	2	Basvakalyan						0	0	0	0.00
	3	Bhalki						0	0	0	0.00
	4	Bidar						0	0	0	0.00
	5	Humnabad						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
20		KALABURAGI									
	1	Afzalpur	3504	0	0	0	0	0	0	0	0.00
	2	Aland	2414	0	0	0	0	0	0	0	0.00
	3	Chincholi	2710	0	0	0	0	0	0	0	0.00
	4	Chitapur	1840	0	0	0	0	0	0	0	0.00
	5	Kalburagi	2810	0	0	0	0	0	0	0	0.00
	6	Jewargi	2313	0	0	0	0	0	0	0	0.00
	7	Sedam	2250	0	0	0	0	0	0	0	0.00
		Dist.	**17841**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
21		YADGIR									
	1	Shahapur	21382	18771	13140	0	0	89352000	0	0	893.52
	2	Shorapur	8331	8331	7241	0	0	49238800	0	0	492.39
	3	Yadgir	10115	10115	7018	0	0	47722400	0	0	477.22
		Dist.	**39828**	**37217**	**27399**	**0**	**0**	**186313200**	**0**	**0**	**1863.13**
22		KOPPAL									
	1	Gangavathi	11783	11783	8240	0	0	56032000	0	0	560.32
	2	Koppal	18932	18932	12305	0	0	83674000	0	0	836.74
	3	Kushtagi	23434	23434	15935	0	0	108358000	0	0	1083.58
	4	Yelburga	41577	41577	24945	0	0	169626000	0	0	1696.26
		Dist.	**95726**	**95726**	**61425**	**0**	**0**	**417690000**	**0**	**0**	**4176.90**

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area affected (in ha)	Total Agriculture area where crop loss is >33% (Ha.)	Out of col.4 area belonging to SMF			Assistance sought for different categories of crops			Total assistance sought (Rs. in lakh)
					Rainfed (Ha.)	Irrigated (Ha.)	Perennial (Ha.)	Rainfed (Rs. 6800 * col. 5A)	Irrigated (Rs. 13500* col. 5B)	Perennial (Rs.1800	
23		RAICHUR									
	1	Deodurg	19315	3474	2076	0	0	14116800	0	0	141.17
	2	Lingsugur	67346	60148	42103	0	0	286300400	0	0	2863.00
	3	Manvi	57070	54290	41260	0	0	280568000	0	0	2805.68
	4	Raichur	19753	13069	8066	0	0	54848800	0	0	548.49
	5	Sindhanur	28100	20745	15559	0	0	105801200	0	0	1058.01
		Dist.	**191584**	**151726**	**109064**	**0**	**0**	**741635200**	**0**	**0**	**7416.35**
24		BAGALKOTE									
	1	Badami	45000	45000	26045	3250	0	177106000	43875000	0	2209.81
	2	Bagalkote	39780	36050	20500	0	0	139400000	0	0	1394.00
	3	Bilgi	7900	3238	2054	0	0	13967200	0	0	139.67
	4	Hungund	87545	87545	54593	0	0	371232400	0	0	3712.32
	5	Jamkhandi	14010	11320	8420	0	0	57256000	0	0	572.56
	6	Mudhol	11200	11200	6720	0	0	45696000	0	0	456.96
		Dist.	**205435**	**194353**	**118332**	**3250**	**0**	**804657600**	**43875000**	**0**	**8485.33**
25		BELGAVI									
	1	Athani	27162	27162	20915	0	0	142222000	0	0	1422.22
	2	Bailhongal	28455	28455	15661	0	0	106494800	0	0	1064.95
	3	Belgavi	8212	6130	4828	0	0	32830400	0	0	328.30
	4	Chikkodi	15450	7446	4817	1033		32755600	13945500	0	467.01
	5	Gokak	491	491	245	0	0	1666000	0	0	16.66
	6	Hukkeri	6987	6987	6481	0	0	44070800	0	0	440.71
	7	Khanapur	0	0	0	0	0	0	0	0	0.00
	8	Raibagh	2144	2144	1992	0	0	13545600	0	0	135.46
	9	Ramdurg	46209	46209	21694	0	0	147519200	0	0	1475.19
	10	Soundatti	28494	28494	13394	0	0	91079200	0	0	910.79
		Dist.	**163604**	**153518**	**90027**	**1033**	**0**	**612183600**	**13945500**	**0**	**6261.29**
26		VIJAYAPUR									
	1	Bagewadi	48714	41971	29590	0	0	201212000	0	0	2012.12
	2	Vijaypura	98149	72236	55651	0	0	378426800	0	0	3784.27
	3	Indi	56745	47523	35638	0	0	242338400	0	0	2423.38
	4	Muddebihal	28800	24250	16707	0	0	113607600	0	0	1136.08
	5	Sindagi	41819	34365	22983	0	0	156284400	0	0	1562.84
		Dist.	**274227**	**220345**	**160569**	**0**	**0**	**1091869200**	**0**	**0**	**10918.69**
27		DHARWAD									
	1	Dharwar	36044	36044	18307	0	0	124487600	0	0	1244.88
	2	Hubli	16125	16125	10422	0	0	70869600	0	0	708.70
	3	Kalghatgi	9387	9387	6311	0	0	42914800	0	0	429.15
	4	Kundgol	26482	26482	15888	0	0	108038400	0	0	1080.38
	5	Navalgund	65568	65568	31412	0	0	213601600	0	0	2136.02
		Dist.	**153606**	**153606**	**82340**	**0**	**0**	**559912000**	**0**	**0**	**5599.12**
28		GADAG									
	1	Gadag	62416	62416	48685	0	0	331058000	0	0	3310.58
	2	Mundargi	33044	33044	23131	0	0	157290800	0	0	1572.91
	3	Naragund	28348	27862	2821	9443	0	19182800	127480500	0	1466.63
	4	Ron	64204	61826	29464	0		200355200	0	0	2003.55
	5	Shirahatti	34072	32810	13124	0	0	89243200	0	0	892.43
		Dist.	**222084**	**217958**	**117225**	**9443**	**0**	**797130000**	**127480500**	**0**	**9246.11**
29		HAVERI									
	1	Byadgi	2093	2093	1443	126	0	9812400	1701000	0	115.13
	2	Haveri	3964	3004	2362	0	0	16061600	0	0	160.62
	3	Hanagal	618	395	237	0	0	1611600	0	0	16.12
	4	Hirekerur	1170	1170	785	0	0	5338000	0	0	53.38
	5	Ranebennur	5878	5878	3609	578	0	24541200	7803000	0	323.44
	6	Savanur	1153	891	764	0	0	5195200	0	0	51.95
	7	Shiggaon	3141	3044	2063	651	0	14028400	8788500	0	228.17
		Dist.	**18017**	**16475**	**11263**	**1355**	**0**	**76588400**	**18292500**	**0**	**948.81**

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area affected (in ha)	Total Agriculture area where crop loss is >33% (Ha.)	Out of col.4 area belonging to SMF			Assistance sought for different categories of crops			Total assistance sought (Rs. in lakh)
					Rainfed (Ha.)	Irrigated (Ha.)	Perennial (Ha.)	Rainfed (Rs. 6800 * col. 5A)	Irrigated (Rs. 13500* col. 5B)	Perennial (Rs.1800	
30		UTTARA KANNADA									
	1	Ankola						0	0	0	0.00
	2	Bhatkal						0	0	0	0.00
	3	Haliyal						0	0	0	0.00
	4	Honnavar						0	0	0	0.00
	5	Karwar						0	0	0	0.00
	6	Kumta						0	0	0	0.00
	7	Mundgod						0	0	0	0.00
	8	Siddapur						0	0	0	0.00
	9	Sirsi						0	0	0	0.00
	10	Supa (Joida)						0	0	0	0.00
	11	Yellapur						0	0	0	0.00
		Dist.	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
		State	**1500469**	**1357007**	**878243**	**17645**	**0**	**5972052400**	**238207500**	**0**	**62102.60**

Appendix - IV

Details of Crop Loss due to DROUGHT during RABI 2016-17

Agriculture input subsidy - Farmers Other than SMF (OSMF) where area affected / area sown is >2 ha per farmer

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area where crop loss is >33% (in	out of Col.3 area belonging to farmers other than SMF (Ha.)			Number of farmers affected other than SMF			Rainfed (Rs. 6800 * Col. 5A*2)	Irrigated (Rs. 13500 * Col. 5B*2)	Perennial (Rs. 18000 * Col. 5C*2)	Total assistance sought (Rs. in lakh)
				Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial				
1	2	3	3	4A	4B	4C	5A	5B	5C	6A	6B	6C	7
1		CHITRADURGA											
	2	Chitradurga	4643	2127	0	0	910			12376000	0	0	123.76
	6	Molakalmuru	275	111	0	0	55			748000	0	0	7.48
		Dist.	**4918**	**2238**	**0**	**0**	**965**	**0**	**0**	**13124000**	**0**	**0**	**131.24**
2		DAVANAGERE											
	4	Harapanahalli	2077	367	0	0	163	0	0	2216800	0	0	22.17
	5	Honnali	1134	150	0	0	63	0	0	856800	0	0	8.57
	6	Jagalur	176	66	0	0	22	0	0	299200	0	0	2.99
		Dist.	**3387**	**583**	**0**	**0**	**248**	**0**	**0**	**3372800**	**0**	**0**	**33.73**
3		KOLAR											
	1	Bangarpet	1322	32	0	0	16	0	0	217600	0	0	2.18
	2	Kolar	1052	20	0	0	3	0	0	40800	0	0	0.41
	4	Mulbagal	1121	23	0	0	9	0	0	122400	0	0	1.22
	5	Srinivasapura	914	9	0	0	3	0	0	40800	0	0	0.41
		Dist.	**4409**	**84**	**0**	**0**	**31**	**0**	**0**	**421600**	**0**	**0**	**4.22**
4		CHAMARAJANAGAR											
	1	Chamarajanagar	11982	2322	0	0	763	0	0	10376800	0	0	103.77
		Dist.	**11982**	**2322**	**0**	**0**	**763**	**0**	**0**	**10376800**	**0**	**0**	**103.77**
5		MANDYA											
	1	Krishnarajapet	7515	230	42	0	85	14	0	1156000	378000	0	15.34
	3	Malavalli	1948	117			54			734400	0	0	7.34
	4	Mandya	2577	110			55			748000	0	0	7.48
	5	Nagamangala	7800	410			203			2760800	0	0	27.61
	6	Pandavapura	3885	190	6		80	3		1088000	81000	0	11.69
	7	Srirangapatna	2555	0	0	0	0	0	0	0	0	0	0.00
		Dist.	**26280**	**1057**	**48**	**0**	**477**	**17**	**0**	**6487200**	**459000**	**0**	**69.46**
6		MYSURU											
	2	Hunsur	863	90	0	0	32	0	0	435200	0	0	4.35
		Dist.	**863**	**90**	**0**	**0**	**32**	**0**	**0**	**435200**	**0**	**0**	**4.35**
7		BALLARI											
	1	Ballari	4160	1000	0	0	276	0	0	3753600	0	0	37.54
	2	Hadagali	933	178	65	0	85	30	0	1156000	810000	0	19.66
	3	Hagaribommanahalli	3220	406	149	0	194	65	0	2638400	1755000	0	43.93
	5	Kudligi	2476	784	120	0	351	57	0	4773600	1539000	0	63.13
	7	Siruguppa	3595	860	0	0	164	0	0	2230400	0	0	22.30
		Dist.	**14384**	**3228**	**334**	**0**	**1070**	**152**	**0**	**14552000**	**4104000**	**0**	**186.56**
8		YADGIR											
	1	Shahapur	18771	5631	0	0	2816	0	0	38297600	0	0	382.98
	2	Shorapur	8331	1090	0	0	545	0	0	7412000	0	0	74.12
	3	Yadgir	10115	3097	0	0	1549	0	0	21066400	0	0	210.66
		Dist.	**37217**	**9818**	**0**	**0**	**4910**	**0**	**0**	**66776000**	**0**	**0**	**667.76**

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area where crop loss is >33% (in	out of Col.3 area belonging to farmers other than SMF (Ha.)			Number of farmers affected other than SMF			Rainfed (Rs. 6800 * Col. 5A*2)	Irrigated (Rs. 13500 * Col. 5B*2)	Perennial (Rs. 18000 * Col. 5C*2)	Total assistance sought (Rs. in lakh)
				Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial				
1	2	3	3	4A	4B	4C	5A	5B	5C	6A	6B	6C	7
9		KOPPAL											
	1	Gangavathi	11783	3543	0	0	1540	0	0	20944000	0	0	209.44
	2	Koppal	18932	6627	0	0	2850	0	0	38760000	0	0	387.60
	3	Kushtagi	23434	7499	0	0	3400	0	0	46240000	0	0	462.40
	4	Yelburga	41577	16632	0	0	6940	0	0	94384000	0	0	943.84
		Dist.	**95726**	**34301**	**0**	**0**	**14730**	**0**	**0**	**200328000**	**0**	**0**	**2003.28**
10		RAICHUR											
	2	Lingsugur	60148	18045	0	0	7519	0	0	102258400	0	0	1022.58
		Dist.	**60148**	**18045**	**0**	**0**	**7519**	**0**	**0**	**102258400**	**0**	**0**	**1022.58**
11		BAGALKOTE											
	2	Bagalkote	36050	15550	0	0	7100	0	0	96560000	0	0	965.60
	4	Hungund	87545	32952	0	0	16476	0	0	224073600	0	0	2240.74
		Dist.	**123595**	**48502**	**0**	**0**	**23576**	**0**	**0**	**320633600**	**0**	**0**	**3206.34**
12		BELGAVI											
	2	Bailhongal	28455	12794	0	0	5359	0	0	72882400	0	0	728.82
	3	Belgavi	6130	1302	0	0	651	0	0	8853600	0	0	88.54
	5	Gokak	491	246	0	0	123	0	0	1672800	0	0	16.73
	6	Hukkeri	6987	506	0	0	202	0	0	2747200	0	0	27.47
	10	Soundatti	28494	15100	0	0	7550	0	0	102680000	0	0	1026.80
		Dist.	**70557**	**29948**	**0**	**0**	**13885**	**0**	**0**	**188836000**	**0**	**0**	**1888.36**
13		VIJAYAPUR											
	1	Bagewadi	41971	12381	0	0	4127	0	0	56127200	0	0	561.27
	2	Vijaypura	72236	16585	0	0	5220	0	0	70992000	0	0	709.92
	3	Indi	47523	11885	0	0	3998	0	0	54372800	0	0	543.73
	4	Muddebihal	24250	7543	0	0	3181	0	0	43261600	0	0	432.62
	5	Sindagi	34365	11382	0	0	3919	0	0	53298400	0	0	532.98
		Dist.	**220345**	**59776**	**0**	**0**	**20445**	**0**	**0**	**278052000**	**0**	**0**	**2780.52**
14		DHARWAD											
	1	Dharwar	36044	17737	0	0	8636	0	0	117449600	0	0	1174.50
	2	Hubli	16125	5703	0	0	2851	0	0	38773600	0	0	387.74
	3	Kalghatgi	9387	3076	0	0	1538	0	0	20916800	0	0	209.17
	4	Kundgol	26482	10594	0	0	5297	0	0	72039200	0	0	720.39
	5	Navalgund	65568	34156	0	0	17078	0	0	232260800	0	0	2322.61
		Dist.	**153606**	**71266**	**0**	**0**	**35400**	**0**	**0**	**481440000**	**0**	**0**	**4814.40**
15		GADAG											
	1	Gadag	62416	13731	0	0	6450	0	0	87720000	0	0	877.20
	2	Mundargi	33044	9913	0	0	4505	0	0	61268000	0	0	612.68
	3	Naragund	27862	3181	12417	0	1500	5856	0	20400000	158112000	0	1785.12
	4	Ron	61826	32362	0	0	16020	0	0	217872000	0	0	2178.72
	5	Shirahatti	32810	19686	0	0	9843	0	0	133864800	0	0	1338.65
		Dist.	**217958**	**78873**	**12417**	**0**	**38318**	**5856**	**0**	**521124800**	**158112000**	**0**	**6792.37**
16		HAVERI											
	3	Hanagal	395	158	0	0	79	0	0	1074400	0	0	10.74
	5	Ranebennur	5878	1305	386	0	653	193	0	8880800	5211000	0	140.92
	7	Shiggaon	3044	220	110	0	110	55	0	1496000	1485000	0	29.81
		Dist.	**9317**	**1683**	**496**	**0**	**842**	**248**	**0**	**11451200**	**6696000**	**0**	**181.47**
		State Total	**1054692**	**361814**	**13295**	**0**	**163211**	**6273**	**0**	**2219669600**	**169371000**	**0**	**23890.41**

Appendix - IV

Details of Crop Loss due to DROUGHT during RABI 2016-17

Agriculture input subsidy - Farmers Other than SMF (OSMF) where area affected / areas sowing is < 2ha per farmer

Sl. No.		Name of the Drought affected District/ Taluk	Total Agriculture area where crop loss is >33% (in	out of Col.3 area belonging to farmers other than SMF (Ha.)			Number of farmers affected other than SMF			Rainfed (Rs. 6800 * Col. 4A)	Irrigated (Rs. 13500 * Col. 4B)	Perennial (Rs. 18000 * Col. 4C)	Total assistance sought (Rs. in lakh)
				Rainfed	Irrigated	Perennial	Rainfed	Irrigated	Perennial				
1	2	3	3	4A	4B	4C	5A	5B	5C	6A	6B	6C	7
1		CHITRADURGA											
	1	Challakere	4028	1547	0	0	2456			10519600	0	0	105.20
	3	Hiriyur	2008	908	0	0	619			6174400	0	0	61.74
	4	Holalkere	277	55	0	0	44			374000	0	0	3.74
	5	Hosadurga	953	235	0	0	263			1598000	0	0	15.98
		Dist.	**7266**	**2745**	**0**	**0**	**3382**	**0**	**0**	**18666000**	**0**	**0**	**186.66**
2		KOLAR											
	1	Malur	438	18	0	0	13	0	0	122400	0	0	1.22
		Dist.	**438**	**18**	**0**	**0**	**13**	**0**	**0**	**122400**	**0**	**0**	**1.22**
3		MANDYA											
	1	Maddur	4180	141	32		132	5		958800	432000	0	13.91
		Dist.	**4180**	**141**	**32**	**0**	**132**	**5**	**0**	**958800**	**432000**	**0**	**13.91**
4		RAICHUR											
	1	Deodurg	3474	1398	0	0	1691	0	0	9506400	0	0	95.06
	2	Manvi	54290	13030	0	0	7328	0	0	88604000	0	0	886.04
	3	Raichur	13069	5003	0	0	2776	0	0	34020400	0	0	340.20
	4	Sindhanur	20745	5186	0	0	3046	0	0	35264800	0	0	352.65
		Dist.	**91578**	**24617**	**0**	**0**	**14841**	**0**	**0**	**167395600**	**0**	**0**	**1673.96**
5		BAGALKOTE											
	1	Badami	45000	14025	1680	0	11687	1400	0	95370000	22680000	0	1180.50
	2	Bilgi	3238	1184	0	0	713	0	0	8051200	0	0	80.51
	3	Jamkhandi	11320	2900	0	0	3495	0	0	19720000	0	0	197.20
	4	Mudhol	11200	4480	0	0	2459	0	0	30464000	0	0	304.64
		Dist.	**70758**	**22589**	**1680**	**0**	**18354**	**1400**	**0**	**153605200**	**22680000**	**0**	**1762.85**
6		BELGAVI											
	1	Athani	27162	6247	0	0	5094	0	0	42479600	0	0	424.80
	2	Chikkodi	7446	1100	496	0	1075	496	0	7480000	6696000	0	141.76
	3	Raibagh	2144	152	0	0	213	0	0	1033600	0	0	10.34
	4	Ramdurg	46209	24515	0	0	13113	0	0	166702000	0	0	1667.02
		Dist.	**82961**	**32014**	**496**	**0**	**19495**	**496**	**0**	**217695200**	**6696000**	**0**	**2243.91**
7		HAVERI											
	1	Byadgi	2093	479	45	0	685	22	0	3257200	607500	0	38.65
	2	Haveri	3004	642	0	0	805	0	0	4365600	0	0	43.66
	3	Hirekerur	1170	385	0	0	513	0	0	2618000	0	0	26.18
	4	Savanur	891	127	0	0	70	0	0	863600	0	0	8.64
		Dist.	**7158**	**1633**	**45**	**0**	**2073**	**22**	**0**	**11104400**	**607500**	**0**	**117.12**
		Grand Total	**264339**	**83757**	**2253**	**0**	**58290**	**1923**	**0**	**569547600**	**30415500**	**0**	**5999.63**

Assistance sought under NDRF		
Assistance for SMF	62102.60	
Assistance for OSMF(farmerwise)	23890.41	
Assistance for OSMF (area affected)	5999.63	
Total Assistance sought	**91992.64**	**Lakhs**
	919.93	**Crore**

Annexures

Horticulture Sector

Annexure 3

Cropwise / Districtwise /Talukwise Details of Horticulture Crops affected due to Drought 2016 in 160 taluks (Perennial crops) Area in Hectares

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Grapes	Pomo granate	Mango	Sapota	Guava	CoConut	Arecanut	Lime/ Citrus	Cashew	Papaya	Fig/ Jamun	Tamarind	Betelvine	Drum stick	Others	Total
1	Bangalore Rural	1	Hosakote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2	Doddaballapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	Nelamangala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		4	Devanahallli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
2	Bangalore Urban	5	Anekal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		6	Bangalore North	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		7	Bangalore Sourth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		8	Bangalore East	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	0.00
3	Bellary	9	Bellary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10	Sandur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		11	Hadgali	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		12	Hagaribommanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		13	Hospet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		14	Kudligi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		15	Sirguppa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
4	Belgavi	16	Bylahongala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		17	Belgavai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		18	Gokak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		19	Khanapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20	Ramdurga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21	Savdathi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22	Hukkeri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23	Raibagh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24	Athani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25	Chikkodi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
5	Bagalkot	26	Badami	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27	Beelagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28	Hunagunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29	Mudola	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30	Bagalkote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		31	Jamamakandi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
6	Bidar	32	Humnabadh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	89.14	0.00	0.00	0.00	0.00	0.00	89.14
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**89.14**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	89.14
7	Chikkaballapur	33	Bagepalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		34	Chikkaballapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		35	Chinthamani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		36	Gudibande	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		37	Shidlaghatta	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		38	Gouribidanur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
8	Chitradurga	39	Challakere	0.00	16.80	4.00	0.00	0.00	37.30	17.45	17.44	0.00	4.60	0.00	0.00	0.00	0.00	0.00	97.59
		40	Chitradurga	0.00	0.00	0.00	0.00	0.00	2.70	46.06	0.00	0.00	2.39	0.00	0.00	0.00	0.00	0.00	51.15
		41	Hiriyur	0.00	90.00	22.00	0.00	0.00	325.00	90.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	527.00
		42	Molakalmur	0.00	15.40	6.80	0.00	3.20	7.60	0.00	0.50	0.00	0.00	1.60	0.00	0.00	0.00	0.00	35.10
		43	Hosadurga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		44	Holalkere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**122.20**	**32.80**	**0.00**	**3.20**	**372.60**	**153.51**	**17.94**	**0.00**	**6.99**	**1.60**	**0.00**	**0.00**	**0.00**	**0.00**	**710.84**
9	Chamarajanagara	45	Chamarajanagara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		46	Gundelpet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		47	Kollegala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		48	Yellandur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Grapes	Pomo granate	Mango	Sapota	Guava	CoConut	Arecanut	Lime/ Citrus	Cashew	Papaya	Fig/ Jamun	Tamarind	Betelvine	Drum stick	Others	Total
10	Chikmagalur	49	Chikmagalur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		50	Kadur	0.00	0.00	0.00	0.00	0.00	80.50	15.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	96.00
		51	Tarikere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		52	Nrasimharajpura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		53	Koppa	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.14
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**80.50**	**15.64**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	96.14
11	Davanagere	54	Jagalur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		55	Harapanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		56	Channagiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		57	Davanagere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		58	Harihara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		59	Honnali	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
12	Dharwad	60	Kalagatagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		61	Kundagola	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		62	Navalgunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		63	Dharwad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		64	Hubli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
13	Dakshina Kannada	65	Bantwal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		66	Mangalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Tota				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
14	Gadag	67	Gadag	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		68	Mundaragi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		69	Naragunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		70	Rona	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		71	Sirahatti	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
15	Haveri	72	Hirekeruru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		73	Savnur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		74	Haveri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		75	Shiggav	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		76	Byadagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		77	Hangal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		78	Ranibennur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	0.00
16	Hassan	79	Arakalgud	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		80	Arasikere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		81	Belur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		82	Hassan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		83	Alur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		84	Holenarasipura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		85	Chennarayapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Grapes	Pomo granate	Mango	Sapota	Guava	CoConut	Arecanut	Lime/ Citrus	Cashew	Papaya	Fig/ Jamun	Tamarind	Betelvine	Drum stick	Others	Total
17	Kolar	86	Bangarpete	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		87	Kolar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		88	Malur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		89	Mulabagiilu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		90	Sreenivasapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
18	Koppal	91	Gangavathi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		92	Yelaburga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		93	Koppala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		94	Kustagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
19	Kodagu	95	Virajpet	0.00	0.00	0.00	0.00	0.00	0.00	25.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1296.21	1322.12
		96	Somavarpet	0.00	0.00	0.00	0.00	0.00	0.49	4.99	293.13	0.00	0.00	0.00	0.00	0.00	0.00	1132.91	1431.52
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.49**	**30.90**	**293.13**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**2429.12**	**2753.64**
20	Kalburgi	97	Afzalpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		98	Alanda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		99	Chincholi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		100	Chithapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		101	Kalburgi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		102	Jeevargi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		103	Sedam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
21	Mysore	104	H.D.Kote	0.00	0.00	583.00	0.00	0.00	2022.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2605.00
		105	Hunasur	0.00	0.00	268.00	9.00	0.00	1010.00	41.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	1334.00
		106	Krishnanagar	0.00	0.00	0.00	0.00	0.00	498.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	498.00
		107	Mysore	0.00	0.00	28.00	0.00	0.00	327.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	355.00
		108	Nanjangud	0.00	0.00	0.60	0.00	0.00	741.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	741.70
		109	Piriyapatna	0.00	0.00	0.00	0.00	0.00	38.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.20
		110	T.Narasipura	0.00	0.00	0.00	0.00	0.00	55.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	55.41
Total				**0.00**	**0.00**	**879.60**	**9.00**	**0.00**	**4691.71**	**41.00**	**0.00**	**0.00**	**6.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**5627.31**
22	Mandya	111	Krrishnarajpet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		112	Malavalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		113	Pandavapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		114	Srirangapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		115	Madduru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		116	Nagamangala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		117	Mandya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Grapes	Pomo granate	Mango	Sapota	Guava	CoConut	Arecanut	Lime/ Citrus	Cashew	Papaya	Fig/ Jamun	Tamarind	Betelvine	Drum stick	Others	Total
23	Ramanagar	118	Chennapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		119	Kanakapura	0.00	0.00	0.00	0.00	0.00	200	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	200.00
		120	Magadi	0.00	0.00	0.00	0.00	0.00	250	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	250.00
		121	Ramanagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**450.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**450.00**
24	Raichur	122	Devadurga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	2.00
		123	Ligasur	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
		124	Sindanur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		125	Manvi	0.00	37.51	0.00	0.00	0.00	0.00	0.00	3.00	0.00	16.41	0.00	0.00	0.00	0.00	0.00	56.92
		126	Raichur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**41.51**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**3.00**	**0.00**	**18.41**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**62.92**
25	Shivmoga	127	Hosanagara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		128	Bhadravathi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		129	Thirthahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		130	Shikaripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		131	Shivmoga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		132	Soraba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
26	Tumkur	133	Tumkur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		134	Gubbi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		135	Kunigal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		136	Chikkanayakanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		137	Tiptur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		138	Thuruvekere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		139	Sira	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		140	Madugiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		141	Pavagada	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		142	Koratagere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
27	Utarkannada	143	Haliyala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		144	Mundgod	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		145	Yellapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		146	Supa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		147	Bhatkal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		148	Honnavar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		149	Karwar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
28	Udupi	150	Karkala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		151	Kundapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		152	Udupi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
29	Vijayapura	153	Viajyapura	5.80	3.00	0.00	0.00	0.00	0.00	0.00	17.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.40
		154	Indi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		155	Muddebihala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		156	Sindagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		157	Basavanabagevadi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**5.80**	**3.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**17.60**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**26.40**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Grapes	Pomo granate	Mango	Sapota	Guava	CoConut	Arecanut	Lime/ Citrus	Cashew	Papaya	Fig/ Jamun	Tamarind	Betelvine	Drum stick	Others	Total
30	Yadgiri	158	Shahapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		159	Shorapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		160	Yadgiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Grand Total				**5.80**	**166.71**	**912.40**	**9.00**	**3.20**	**5595.30**	**241.05**	**331.67**	**0.00**	**120.54**	**1.60**	**0.00**	**0.00**	**0.00**	**2429.12**	**9816.39**
Estimated cost of cultivation per ha (in Rs.)				**225000.00**	**72500.00**	**75000**	**75000**	**80000**	**60000**	**75000**	**70000**	**75000**	**100000**	**50000**	**50000**	**50000**	**40000**	**80000**	
Estimated crop loss (in Rs. LAKHS)				**13.05**	**120.86**	**684.30**	**6.75**	**2.56**	**3357.18**	**180.79**	**232.17**	**0.00**	**120.54**	**0.80**	**0.00**	**0.00**	**0.00**	**1943.30**	**6662.30**

Annexure-4

Cropwise / Districtwise /Talukwise Details of Horticulture Crops affected due to Drought 2016 in 160 taluks (Annual crops) Area in Hectares

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
1	Bangalore Rural	1	Hosakote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		2	Doddaballapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		3	Nelamangala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		4	Devanahallli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
2	Bangalore Urban	5	Anekal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		6	Bangalore North	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		7	Bangalore Sourth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		8	Bangalore East	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
3	Bellary	9	Bellary	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		10	Sandur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		11	Hadgali	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		12	Hagaribommanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		13	Hospet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		14	Kudligi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		15	Sirguppa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	253.00	253.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**253.00**	**253.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
4	Belgavi	16	Bylahongala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		17	Belgavai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		18	Gokak	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		19	Khanapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		20	Ramdurga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		21	Savdathi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		22	Hukkeri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		23	Raibagh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		24	Athani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		25	Chikkodi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
5	Bagalkot	26	Badami	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		27	Beelagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		28	Hunagunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		29	Mudola	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		30	Bagalkote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		31	Jamamakandi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
6	Bidar	32	Humnabadh	25.00	93.74	66.55	0.00	0.00	58.20	0.00	0.00	0.00	110.55	747.60	1101.64
Total				**25.00**	**93.74**	**66.55**	**0.00**	**0.00**	**58.20**	**0.00**	**0.00**	**0.00**	**110.55**	**747.60**	**1101.64**
7	Chikkaballapur	33	Bagepalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		34	Chikkaballapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		35	Chinthamani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		36	Gudibande	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		37	Shidlaghatta	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		38	Gouribidanur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
8	Chitradurga	39	Challakere	4.80	5.40	3.10	9.80	0.60	0.00	0.00	0.00	0.00	1.00	2.80	27.50
		40	Chitradurga	2.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.30	4.21
		41	Hiriyur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		42	Molakalmur	0.00	2.20	0.00	1.20	0.00	0.00	0.00	0.00	0.00	13.94	2.76	20.10
		43	Hosadurga	1.00	22.60	6.30	75.40	0.00	0.00	0.00	0.00	0.00	0.00	16.70	122.00
		44	Holalkere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**8.71**	**30.20**	**9.40**	**86.40**	**0.60**	**0.00**	**0.00**	**0.00**	**0.00**	**14.94**	**23.56**	**173.81**
9	Chamarajanagara	45	Chamarajanagara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		46	Gundelpet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		47	Kollegala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		48	Yellandur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
10	Chikmagalur	49	Chikmagalur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		50	Kadur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		51	Tarikere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		52	Nrasimharajpura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		53	Koppa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
11	Davanagere	54	Jagalur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		55	Harapanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		56	Channagiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		57	Davanagere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		58	Harihara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		59	Honnali	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
12	Dharwad	60	Kalagatagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		61	Kundagola	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		62	Navalgunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		63	Dharwad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		64	Hubli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
13	Dakshina Kannada	65	Bantwal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		66	Mangalore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
14	Gadag	67	Gadag	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		68	Mundaragi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		69	Naragunda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		70	Rona	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		71	Sirahatti	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
15	Haveri	72	Hirekeruru	0.00	75.00	95.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	195.00
		73	Savnur	0.00	35.00	48.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	86.00
		74	Haveri	0.00	25.85	82.50	13.20	0.00	0.65	2.65	0.00	0.00	2.30	48.85	176.00
		75	Shiggav	0.00	3.00	10.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	38.32	51.32
		76	Byadagi	0.00	300.00	220.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	270.00	800.00
		77	Hangal	0.00	8.11	22.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.49
		78	Ranibennur	0.00	172.00	158.00	222.00	0.00	0.00	0.00	0.00	0.00	0.00	580.00	1132.00
Total				**0.00**	**618.96**	**635.88**	**235.20**	**0.00**	**0.65**	**12.65**	**0.00**	**0.00**	**2.30**	**965.17**	**2470.81**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
16	Hassan	79	Arakalgud	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		80	Arasikere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		81	Belur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		82	Hassan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		83	Alur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		84	Holenarasipura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		85	Chennarayapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
17	Kolar	86	Bangarpete	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		87	Kolar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		88	Malur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		89	Mulabagiilu	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		90	Sreenivasapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
18	Koppal	91	Gangavathi	0.00	0.00	10.00	7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.00
		92	Yelaburga	0.00	0.00	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**90.00**	90.00
		93	Koppala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		94	Kustagi	0.00	0.00	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**10.00**	**7.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**90.00**	**107.00**
19	Kodagu	95	Virajpet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		96	Somavarpet	250.29	0.00	8.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	430.26	689.52
Total				**250.29**	**0.00**	**8.97**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**430.26**	**689.52**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
20	Kalburgi	97	Afzalpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		98	Alanda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		99	Chincholi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		100	Chithapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		101	Kalburgi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		102	Jeevargi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		103	Sedam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
21	Mysore	104	H.D.Kote	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		105	Hunasur	0.00	95.00	140.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	72.00	315.00
		106	Krishnanagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		107	Mysore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		108	Nanjangud	41.20	43.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.70	111.10
		109	Piriyapatna	8.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.80
		110	T.Narasipura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**49.20**	**138.20**	**140.80**	**0.00**	**0.00**	**0.00**	**8.00**	**0.00**	**0.00**	**0.00**	**98.70**	**434.90**
22	Mandya	111	Krrishnarajpet	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		112	Malavalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		113	Pandavapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		114	Srirangapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		115	Madduru	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		116	Nagamangala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		117	Mandya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
23	Ramanagar	118	Chennapatna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		119	Kanakapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		120	Magadi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		121	Ramanagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
24	Raichur	122	Devadurga	0.00	0.00	2.40	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.20
		123	Ligasur	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.00
		124	Sindanur	0.00	0.00	1.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60
		125	Manvi	0.00	0.00	15.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.00
		126	Raichur	0.00	0.00	20.00	**0.00**	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00
Total				**0.00**	**0.00**	**43.00**	**1.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**44.80**
25	Shivmoga	127	Hosanagara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		128	Bhadravathi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		129	Thirthahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		130	Shikaripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		131	Shivmoga	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		132	Soraba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
26	Tumkur	133	Tumkur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		134	Gubbi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		135	Kunigal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		136	Chikkanayakanahalli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		137	Tiptur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		138	Thuruvekere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		139	Sira	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		140	Madugiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		141	Pavagada	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		142	Koratagere	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
27	Utarkannada	143	Haliyala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		144	Mundgod	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		145	Yellapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		146	Supa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		147	Bhatkal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		148	Honnavar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		149	Karwar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
28	Udupi	150	Karkala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		151	Kundapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		152	Udupi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Sl. No	District		Name of the Taluk Declared as Drought by Govt	Banana	Tomato	Chilly	Onion	Water melon	Cabbage	Caulifl ower	Potato	Capcicum	Flowers	Other vegetables	Total
29	Vijayapura	153	Viajyapura	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40
		154	Indi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		155	Muddebihala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		156	Sindagi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		157	Basavanabagevadi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.40**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.40**
30	Yadgiri	158	Shahapur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		159	Shorapura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		160	Yadgiri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total				**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
Grand Total				**333.60**	**881.10**	**914.60**	**330.40**	**0.60**	**58.85**	**20.65**	**0.00**	**0.00**	**127.79**	**2608.29**	**5275.88**
Estimated cost of cultivation per ha (in Rs.)				**180000**	**70000**	**70000**	**45000**	**100000**	**100000**	**1E+05**	**80000**	**80000**	**90000**	**60000**	
Estimated crop loss (in Rs. LAKHS)				**600.48**	**616.77**	**640.22**	**148.68**	**0.6**	**58.85**	**20.65**	**0**	**0**	**115.011**	**1564.974**	**3766.235**

Appendix - III A

Assistance for Horticulture input subsidy - SMF during Rabi Drought 2016

Sl. No	District	Sl. No	Name of the Taluk Declared as Drought by Govt	Total Horticulture area where crop loss > 33% (in ha)	Total Horticulture area where crop loss is > 33%(in ha.) belonging to SMF	Out of (4a) area belonging to SMF (in ha.)			Assistance sought for different categories of crops			Total assistance sought (Rs.in lakhs)
						Rainfed Annuals	Irrigated Annuals	Perennial	Rainfed (Rs. 6800 per ha)	Irrigated (Rs. 13500 per ha)	Perennial (Rs. 18000 per ha)	
				4a	4b	5a	5b	5c	6a	6b	6c	7a
1	Bellary	1	Sirguppa	253.00	35.00	35.00	0.00	0.00	238000	0	0	2.38
Total				**253.00**	**35.00**	**35.00**	**0.00**	**0.00**	**238000**	**0**	**0**	2.38
2	Bidar	2	**Humnabadh**	**1190.78**	**915.90**	**0.00**	**848.56**	**67.40**	0	11455560	1213200	126.69
Total				**1190.78**	**915.90**	**0.00**	**848.56**	**67.40**	0	11455560	1213200	126.69
3	Chitradurga	3	Challakere	125.09	53.09	16.30	0.00	36.79	110840	0	662220	7.73
		4	Chitradurga	55.36	22.58	4.50	0.00	18.08	30600	0	325440	3.56
		5	Hiriyra	527.00	53.00	0.00	0.00	53.00	0	0	954000	9.54
		6	Molakalmur	55.20	12.08	12.08	0.00	0.00	82144	0	0	0.82
		7	Hosadurga	122.00	122.00	122.00	0.00	0.00	829600	0	0	8.30
Total				**884.65**	**262.75**	**154.88**	**0.00**	**107.87**	**1053184**	**0**	**1941660**	29.95
4	Haveri	8	Hirekeruru	195.00	105.00	0.00	105.00	0.00	0	1417500	0	14.18
		9	Savnur	86.00	86.00	0.00	86.00	0.00	0	1161000	0	11.61
		10	Haveri	176.00	76.00	0.00	76.00	0.00	0	1026000	0	10.26
		11	Shiggav	51.32	15.00	0.00	15.00	0.00	0	202500	0	2.03
		12	Byadagi	800.00	400.00	170.00	230.00	0.00	1156000	3105000	0	42.61
		13	Ranibennur	1132	780	0	780	0	0	10530000	0	105.30
Total				**2440.32**	**1462.00**	**170.00**	**1292.00**	**0.00**	1156000	17442000	0	185.98
5	Koppal	14	Gangavathi	17.00	17.00	0.00	17.00	0.00	0	229500	0	2.30
Total				**17.00**	**17.00**	**0.00**	**17.00**	**0.00**	**0**	**229500**	**0**	2.30
6	Kodagu	15	Virajpet	1322.12	652.04	0.00	0.00	652.04	0	0	11736720	117.37
		16	Somavarpet	2121.04	1407.5	0.00	610.24	797.26	0	8238240	14350680	225.89
Total				**3443.16**	**2059.54**	**0.00**	**610.24**	**1449.30**	**0**	**8238240**	**26087400**	343.26
7	Mysore	17	H.D.Kote	2605.00	2219.00	0.00	0.00	2219.00	0	0	39942000	399.42
		18	Hunasur	1649.00	1004.00	0.00	315.00	689.00	0	4252500	12402000	166.55
		19	Krishnanagar	498.00	448.00	0.00	0.00	448.00	0	0	8064000	80.64
		20	Mysore	355.00	264.00	0.00	0.00	264.00	0	0	4752000	47.52
		21	Nanjangud	852.80	847.40	0.00	15.00	832.40	0	202500	14983200	151.86
		22	Piriyapatna	47.00	47.00	0.00	8.80	38.20	0	118800	687600	8.06
		23	T.Narasipura	55.41	50.41	0.00	0.00	50.41	0	0	907380	9.07
Total				**6062.21**	**4879.81**	**0.00**	**338.80**	**4541.01**	**0**	**4573800**	**81738180**	863.12

Sl. No	District	Sl. No	Name of the Taluk Declared as Drought by Govt	Total Horticulture area where crop loss > 33% (in ha)	Total Horticulture area where crop loss is > 33%(in ha.) belonging to SMF	Out of (4a) area belonging to SMF (in ha.)			Assistance sought for different categories of crops			Total assistance sought (Rs.in lakhs)
						Rainfed Annuals	Irrigated Annuals	Perennial	Rainfed (Rs. 6800 per ha)	Irrigated (Rs. 13500 per ha)	Perennial (Rs. 18000 per ha)	
				4a	4b	5a	5b	5c	6a	6b	6c	7a
8	Ramanagar	24	Kanakapura	200	200	0.00	0.00	200	0	0	3600000	36
		25	Magadi	250	250	0.00	0.00	250	0	0	4500000	45
Total				**450**	**450**	**0.00**	**0.00**	**450**	**0**	**0**	**8100000**	81
9	Raichur	26	Devadurga	5.20	2.00	0.00	2.00	0.00	0	27000	0	0
		27	Ligasur	8.00	8.00	0.00	4.00	4.00	0	54000	72000	1
		28	Manvi	72.92	37.51	0.00	37.51	0.00	0	506385	0	5
		29	Raichur	20.00	20.00	0.00	20.00	0.00	0	270000	0	3
Total				**106.12**	**67.51**	**0.00**	**63.51**	**4.00**	**0**	**857385**	**72000**	9
10	Vijayapura	30	Viajyapura	26.8	13	0	0	13	0	0	234000	2
Total				**26.80**	**13.00**	**0.00**	**0.00**	**13.00**	**0**	**0**	**234000**	2
Grand Total				**14874.04**	**10162.51**	**359.88**	**3170.11**	**6632.6**	**2447184**	**42796485**	**119386440**	**1646**

Note : SMF Crop loss is not reported in the other 130 taluks which are declared as drought affected during Rabi 2016

Appendix -4A

Assistance for Horticulture input subsidy - OSMF during Rabi Drought 2016

Sl. No	District	Sl. No	Name of the Taluk Declared as Drought by Govt	Total Horticulture crop loss area where crop loss >33% (in ha)	Total Horticulture area where crop loss is >33 (in ha) belonging to OSMF	Out of (4b) area belonging to farmers other than SMF (OSMF) (in ha.)			No.of OSMF affected			Assistance sought (Rs)			Total Assistance sought Rs.in lakhs
						Rainfed Annuals	Irrigated Annuals	Perennial	Rainfed	Irrigated	Perennial	Rainfed (Rs. 6800 * 5a)	Irrigated (Rs 13500 * 5b)	Perennial (Rs 18000 * 5c)	
				4a	4b	5a	5b	5c	6a	6b	6c	7a	7b	7c	8
1	Bellary	1	Sirguppa	253.00	218.00	218.00	0.00	0.00	170.00	0.00	0.00	1482400	0	0	14.82
Total				**253.00**	**218.00**	**218.00**	**0.00**	**0.00**	**170.00**	**0.00**	**0.00**	**1482400**	**0**	**0**	**14.82**
2	Bidar	2	Humnabadh	1190.78	274.80	0.00	253.08	21.74	0.00	491.00	32.00	0	3416580	391320	38.08
Total				**1190.78**	**274.80**	**0.00**	**253.08**	**21.74**	**0.00**	**491.00**	**32.00**	0	3416580	391320	**38.08**
3	Chitradurga	3	Challakere	125.09	72.00	11.20	0.00	60.80	14.00	0.00	40.00	76160	0	1094400	11.71
		4	Chitradurga	55.36	32.78	2.10	0.00	30.68	3.00	0.00	28.00	14280	0	552240	5.67
		5	Hiriyra	527.00	474.00	0.00	0.00	474.00	0.00	0.00	450.00	0	0	8532000	85.32
		6	Molakalmur	55.20	43.12	7.76	0.00	35.36	11.00	0.00	26.00	52768	0	636480	6.89
Total				**762.65**	**621.90**	**21.06**	**0.00**	**600.84**	**28.00**	**0.00**	**544.00**	**143208**	**0**	**10815120**	**109.58**
4	Chikamangalur	7	Kadur	96.00	96.00	0.00	0.00	96.00	0.00	0.00	134.00	0	0	1728000	17.28
		8	Koppa	0.14	0.14	0.00	0.00	0.14	0.00	0.00	1.00	0	0	2520	0.03
Total				**96.14**	**96.14**	**0.00**	**0.00**	**96.14**	**0.00**	**0.00**	**135.00**	0	0	1730520	**17.31**
5	Haveri	9	Hirekeruru	195.00	90.00	0.00	90.00	0.00	0.00	42.00	0.00	0	1215000	0	12.15
		10	Haveri	176.00	100.00	0.00	100.00	0.00	0.00	125.00	0.00	0	1350000	0	13.50
		11	Shiggav	51.32	36.32	0.00	36.32	0.00	0.00	40.00	0.00	0	490320	0	4.90
		12	Byadagi	800.00	400.00	196.00	204.00	0.00	145.00	324.00	0.00	1332800	2754000	0	40.87
		13	Hangal	30.49	30.49	0.00	30.49	0.00	0.00	72.00	0.00	0	411615	0	4.12
		14	Ranibennur	1132	352	0	352	0	0.00	170.00	0.00	0	4752000	0	47.52
Total				**2384.81**	**1008.81**	**196.00**	**812.81**	**0.00**	**145.00**	**773.00**	**0.00**	1332800	10972935	0	**123.06**
6	Koppal	15	Yelaburga	90.00	90.00	90.00	0.00	0.00	95.00	0.00	0.00	612000	0	0	6.12
Total				**90.00**	**90.00**	**90.00**	**0.00**	**0.00**	**95.00**	**0.00**	**0.00**	**612000**	**0**	**0**	**6.12**
7	Kodagu	16	Virajpet	1322.12	670.08	0.00	0.00	670.08	0.00	0.00	414.00	0	0	12061440	120.61
		17	Somavarpet	2121.04	713.54	0.00	79.28	634.3	0.0	35.0	1101	0	1070280	11416680	124.87
Total				**3443.16**	**1383.62**	**0.00**	**79.28**	**1304.34**	**0.00**	**35.00**	**1515.00**	**0**	**1070280**	23478120	**245.48**
8	Mysore	18	H.D.Kote	2605.00	386.00	0.00	0.00	386.00	0.00	0.00	306.00	0	0	6948000	69.48
		19	Hunasur	1649.00	645.00	0.00	0.00	645.00	0.00	0.00	486.00	0	0	11610000	116.10
		20	Krishnanagar	498.00	50.00	0.00	0.00	50.00	0.00	0.00	25.00	0	0	900000	9.00
		21	Mysore	355.00	91.00	0.00	0.00	91.00	0.00	0.00	121.00	0	0	1638000	16.38
		22	Nanjangud	852.80	5.40	0.00	1.20	4.20	0.00	1.00	3.00	0	16200	75600	0.92
		23	T.Narasipura	55.41	5.00	0.00	0.00	5.00	0.00	0.00	5.00	0	0	90000	0.90
Total				**6015.21**	**1182.40**	**0.00**	**1.20**	**1181.20**	**0.00**	**1.00**	**946.00**	**0**	**16200**	**21261600**	**212.78**

Sl. No	District	Sl. No	Name of the Taluk Declared as Drought by Govt	Total Horticulture crop loss area where crop loss >33% (in ha)	Total Horticulture area where crop loss is >33 (in ha) belonging to OSMF	Out of (4b) area belonging to farmers other than SMF (OSMF) (in ha.)			No.of OSMF affected			Assistance sought (Rs)			Total Assistance sought Rs.in lakhs
						Rainfed Annuals	Irrigated Annuals	Perennial	Rainfed	Irrigated	Perennial	Rainfed (Rs. 6800 * 5a)	Irrigated (Rs 13500 * 5b)	Perennial (Rs 18000 * 5c)	
				4a	4b	5a	5b	5c	6a	6b	6c	7a	7b	7c	8
9	Raichur	24	Devadurga	5.20	3.20	0.00	1.20	2.00	0.00	2.00	2.00	0	16200	36000	0.52
		25	Sindanur	1.60	1.60	0.00	1.60	0.00	0.00	1.00	0.00	0	21600	0	0.22
		26	Manvi	72.92	35.41	0.00	35.41	0.00	0.00	14.00	0.00	0	478035	0	4.78
Total				**79.72**	**40.21**	**0.00**	**38.21**	**2.00**	**0.00**	**17.00**	**2.00**	**0**	**515835**	**36000**	**5.52**
10	Vijayapura	27	Viajyapura	26.80	13.80	0.40	0.00	13.40	1.00	0.00	16.00	2720	0	241200	2.44
Total				**26.8**	**13.8**	**0.4**	**0**	**13.4**	**1**	**0**	**16**	**2720**	**0**	**241200**	**2.44**
Grand Total				**14342.27**	**4929.68**	**525.46**	**1184.58**	**3219.66**	**439**	**1317**	**3190**	**3573128**	**15991830**	**57953880**	**775.19**

Note : OSMF Crop loss is not reported in the other 133 taluks which are declared as drought affected during Rabi 2016

Annexures

RURAL DRINKING WATER SUPPLY

Proforma-1

Statement showing requirement of funds for 160 drought affected Talukas due to failure of Rabi Season pertaining to Rural Drinking Water Supply 2016

Rs in Lakhs

Sl. No.	District	No of Drought Declared taluks	Total Habitations	To mitigate drinking water, fund required to Establish new source points, pumping machineries, Raising mains, Extension of pipeline, including energisation required				No., of MVS which are likely to be affected due to drought (where already O&M being taken up)	
				No., of Works	To mitigate drinking water, fund required to Establish new source points, pumping machineries, Raising mains, including energisation required	Extension of pipeline	Amount	No, of works	Amount required
1	2		5	6	7	8	9	10	11
1	BANGALORE URBAN	4	1036	235	1008.00	487.00	1495.00	0	0.00
2	BENGALURU-RURAL	4	1274	404	1469.50	541.50	2011.00	0	0.00
3	RAMANAGARAM	4	2137	262	1180.00	393.00	1573.00	0	0.00
4	KOLAR	5	1972	653	4655.50	979.50	5635.00	0	0.00
5	CHIKBALLAPUR	6	1933	687	2803.80	1030.00	3833.80	0	0.00
6	TUMAKURU	10	5362	768	1433.69	1152.00	2585.69	3	287.42
7	CHITRADURGA	6	1636	447	1057.60	665.50	1723.10	0	0.00
8	DAVANGERE	6	1136	300	1143.00	430.50	1573.50	6	4179.21
9	SHIVAMOGGA	6	3761	2353	3955.24	2918.73	6559.12	5	201.10
10	CHAMARAJANAGAR	4	851	234	416.50	344.50	751.00	2	32253.95
11	MYSURU	7	2008	759	542.90	1037.70	1570.60	7	3668.54
12	MANDYA	7	1986	513	2114.90	769.50	2884.40	1	1111.10
13	HASSAN	7	3348	1590	7950.00	2385.00	10335.00	2	344.30
14	CHIKKAMAGALURU	5	2490	310	542.40	439.00	890.80	1	219.00
15	KODAGU	2	466	305	665.00	430.00	1095.00	0	0.00
16	DAKSHINA KANNADA	2	297	179	538.20	117.00	299.85	0	0.00
17	UDUPI	3	429	263	896.30	166.00	410.15	0	0.00
18	BELLARY	7	1008	415	1576.00	621.00	2197.00	14	6208.84
19	KOPPAL	4	739	359	697.50	228.60	926.10	3	1667.52
20	RAICHUR	5	1403	291	383.00	287.80	539.45	7	1762.76
21	YADGIR	3	745	106	368.50	131.50	530.00	2	100.00
22	BIDAR	1	107	51	169.00	6.00	175.00	0	0.00
23	GULBARGA	7	1288	446	357.00	136.00	1013.90	2	324.00
24	BELAGAVI	10	1407	538	1050.10	461.12	1232.90	30	10766.22
25	BAGALKOTE	6	1011	251	894.90	316.00	1210.90	11	12124.09
26	VIJAPURA	5	1049	1270	759.40	1594.12	2353.52	14	29805.09
27	GADAG	5	360	151	326.20	226.50	552.70	6	2268.07
28	HAVERI	7	743	176	632.50	249.50	882.00	3	725.54
29	DHARWAD	5	388	270	2550.50	504.50	3055.00	2	247.81
30	UTTARA KANNADA	7	3748	677	2793.50	535.00	2270.50	0	0.00
	GRAND TOTAL	**160**	**46118**	**15263**	**44930.63**	**19584.07**	**62164.98**	**121**	**108264.56**

Proforma-2

Statement showing requirements of funds for 160 Drought affected taluks due to failure of Rabi season Rural Drinking water supply 2016

Amount in Lakhs

Sl. No.	District	No of Drought Declared taluks	Hydro fracturing		Flushing		Redrilling / Deeping of borewells		Total	
			Nos of works	Amount	Nos of works	Amount	Nos of works	Amount	Nos of works	Amount
1	BANGALORE URBAN	4	0	0.00	107	48.50	135	172.00	242	220.50
2	BENGALURU-RURAL	4	0	0.00	3	1.00	72	72.50	75	73.50
3	RAMANAGARAM	4	0	0.00	0	0.00	172	121.60	172	121.60
4	KOLAR	5	10	9.00	12	2.35	95	97.70	117	109.05
5	CHIKBALLAPUR	6	0	0.00	0	0.00	155	155.00	155	155.00
6	TUMAKURU	10	0	0.00	0	0.00	30	28.01	30	28.01
7	CHITRADURGA	6	430	73.10	200	49.00	90	90.20	720	212.30
8	DAVANGERE	6	0	0.00	0	0.00	0	0.00	0	0.00
9	SHIVAMOGGA	6	0	0.00	109	16.35	109	38.15	218	54.50
10	CHAMARAJANAGAR	4	5	2.50	9	2.20	125	79.50	139	84.20
11	MYSURU	7	0	0.00	7	1.15	52	19.70	59	20.85
12	MANDYA	7	203	44.60	645	98.90	319	210.50	1167	354.00
13	HASSAN	7	0	0.00	0	0.00	33	18.00	33	18.00
14	CHIKKAMAGALURU	5	25	7.50	311	96.50	339	149.00	675	253.00
15	KODAGU	2	35	13.00	32	7.30	170	106.00	237	126.30
16	DAKSHINA KANNADA	2	0	0.00	1	0.40	0	0.00	1	0.40
17	UDUPI	3	0	0.00	1	1.00	0	0.00	1	1.00
18	BELLARY	7	501	82.46	478	56.68	87	71.14	1066	210.27
19	KOPPAL	4	303	47.75	348	40.55	19	20.70	670	109.00
20	RAICHUR	5	10	1.30	161	18.83	87	50.96	258	71.09
21	YADGIR	3	50	5.00	530	84.50	680	251.50	1260	341.00
22	BIDAR	1	0	0.00	30	3.30	70	24.50	100	27.80
23	GULBARGA	7	0	0.00	162	21.80	149	66.00	236	74
24	BELAGAVI	10	372	51.60	455	53.78	163	104.20	990	209.58
25	BAGALKOTE	6	445	88.95	797	182.25	194	185.55	1436	456.75
26	VIJAPURA	5	250	113.00	395	216.50	195	178.50	840	508.00
27	GADAG	5	146	28.20	143	28.52	6	7.30	295	64.02
28	HAVERI	7	332	36.60	459	71.10	151	103.55	942	211.25
29	DHARWAD	5	23	10.75	601	91.40	194	156.50	818	258.65
30	UTTARA KANNADA	7	6	1.90	230	52.80	78	47.00	314	101.70
		160	**3146**	**617.21**	**6226**	**1246.66**	**3969**	**2625.26**	**13266**	**4447.57**

Annexures

Animal Husbandry Sector

Detailed Contigency Action Plan for Rabi Season in 160 Drought Affected Taluks (ANNEXURE -I)														
Sl No	Name of the Districts	Sl No	Name of the Taluks	Livestock Population	No of Hoblis	Cattle camp proposed	Amount Rs.in lakhs	Fodder Bank Proposed	Amount Rs.in lakhs	Medicine Amount Rs.in lakhs	Nutrician Amount Rs.in lakhs	Minikits Proposed	Amount Rs.in lakhs	Total Amount Rs.in lakhs
1	Bagalkot	1	Jamkhandi	147136	3	1	50.00	2	40.00	24.34	12.17	19468	48.67	175.17
		2	Bilgi	50015	2	1	50.00	2	40.00	8.27	4.14	6618	16.54	118.95
		3	Mudhol	105898	2	1	50.00	2	40.00	17.51	8.76	14012	35.03	151.30
		4	Badami	92427	4	1	50.00	2	40.00	15.29	7.64	12229	30.57	143.50
		5	Bagalkot	49656	3	1	50.00	2	40.00	8.21	4.11	6570	16.43	118.74
		6	Hungund	69085	4	1	50.00	2	40.00	11.43	5.71	9141	22.85	129.99
	District			**514217**	**18**	**6**	**300**	**12**	**240**	**85.048**	**42.524**	**68038**	**170.10**	**837.67**
2	Bangalore Rural	7	Nelamangala	43991	3	0	0.00	4	80.00	7.28	3.64	5821	14.55	105.47
		8	Dod Ballapur	61304	5	0	0.00	4	80.00	10.14	5.07	8111	20.28	115.49
		9	Devanahalli	41903	4	0	0.00	4	80.00	6.93	3.47	5544	13.86	104.26
		10	Hosakote	36003	5	0	0.00	4	80.00	5.95	2.98	4764	11.91	100.84
	District			**183201**	**17**	**0**	**0**	**16**	**320**	**30.3**	**15.15**	**24240**	**60.60**	**426.05**
3	Bangalore Urban	11	Bangalore Nort	49838	7	0	0.00	1	20.00	8.24	4.12	6594	16.49	48.85
		12	Bangalore Sout	39295	4	0	0.00	1	20.00	6.50	3.25	5199	13.00	42.75
		13	Bangalore East	20023	3	0	0.00	1	20.00	3.31	1.66	2649	6.62	31.59
		14	Anekal	35879	4	0	0.00	2	40.00	5.93	2.97	4747	11.87	60.77
	District			**145035**	**18**	**0**	**0**	**5**	**100**	**23.988**	**11.994**	**19190**	**47.98**	**183.96**
4	Belgaum	15	Chikodi	184186	4	0	0.00	2	40.00	30.46	15.23	24370	60.93	146.62
		16	Athni	206066	4	0	0.00	2	40.00	34.08	17.04	27265	68.16	159.29
		17	Raybag	190381	2	1	50.00	2	40.00	31.49	15.74	25190	62.98	200.21
		18	Gokak	209286	3	1	50.00	2	40.00	34.61	17.31	27691	69.23	211.15
		19	Hukeri	129066	3	0	0.00	2	40.00	21.35	10.67	17077	42.69	114.71
		20	Belgaum	133010	5	1	50.00	2	40.00	22.00	11.00	17599	44.00	167.00
		21	Khanapur	91087	4	0	0.00	2	40.00	15.07	7.53	12052	30.13	92.73
		22	Bailahongala	111074	3	1	50.00	2	40.00	18.37	9.19	14697	36.74	154.30
		23	Soudhathi	82766	4	0	0.00	2	40.00	13.69	6.84	10951	27.38	87.91
		24	Ramdurg	85281	4	0	0.00	2	40.00	14.10	7.05	11284	28.21	89.37
	District Total			**1422203**	**36**	**4**	**200**	**20**	**400**	**235.22**	**117.61**	**188177**	**470.44**	**1423.28**

5	Bellary	25	Hadagalli	59722	3	0	0.00	2	40.00	9.88	4.94	7902	19.76	74.57
		26	Hagaribomman	58994	4	0	0.00	2	40.00	9.76	4.88	7806	19.51	74.15
		27	Hospet	56592	4	0	0.00	2	40.00	9.36	4.68	7488	18.72	72.76
		28	Siruguppa	54232	4	0	0.00	2	40.00	8.97	4.48	7176	17.94	71.39
		29	Bellary	87096	5	0	0.00	2	40.00	14.41	7.20	11524	28.81	90.42
		30	Sandur	60915	3	0	0.00	2	40.00	10.07	5.04	8060	20.15	75.26
		31	Kudligi	108781	4	0	0.00	2	40.00	17.99	9.00	14393	35.98	102.97
	District Total			**486332**	**27**	**0**	**0**	**14**	**280**	**80.436**	**40.218**	**64349**	**160.87**	**561.52**
6	Bidar	32	Homnabad	64955	6	0	0.00	2	40.00	10.74	5.37	8594	21.49	77.60
	District Total			**64955**	**6**	**0**	**0**	**2**	**40**	**10.743**	**5.3715**	**8594**	**21.49**	**77.60**
7	Bijapur	33	Bijapur	102309	5	0	0.00	2	40.00	16.92	8.46	13537	33.84	99.22
		34	Indi	112800	3	0	0.00	2	40.00	18.66	9.33	14925	37.31	105.30
		35	Sindgi	75985	3	0	0.00	2	40.00	12.57	6.28	10054	25.13	83.99
		36	Basavana Bagev	64151	3	0	0.00	2	40.00	10.61	5.31	8488	21.22	77.14
		37	Muddebihal	54640	4	0	0.00	2	40.00	9.04	4.52	7230	18.07	71.63
	District Total			**409885**	**18**	**0**	**0**	**10**	**200**	**67.792**	**33.896**	**54233**	**135.58**	**437.27**
8	Chamarajan agar	38	Gundlupet	77302	4	1	50.00	3	60.00	12.79	6.39	10228	25.57	154.75
		39	Chamarajanaga	81503	5	1	50.00	3	60.00	13.48	6.74	10784	26.96	157.18
		40	Yelandur	13678	2	1	50.00	3	60.00	2.26	1.13	1810	4.52	117.92
		41	Kollegal	110924	5	1	50.00	3	60.00	18.35	9.17	14677	36.69	174.21
	District Total			**283407**	**16**	**4**	**200**	**12**	**240**	**46.873**	**23.437**	**37499**	**93.75**	**604.06**
9	Chikmagalur	42	Koppa	34618	3	0	0.00	2	40.00	5.73	2.86	4580	11.45	60.04
		43	Narasimharajap	31361	2	0	0.00	2	40.00	5.19	2.59	4149	10.37	58.15
		44	Tarikere	85707	6	0	0.00	2	40.00	14.18	7.09	11340	28.35	89.61
		45	Kadur	123694	6	0	0.00	8	160.00	20.46	10.23	16366	40.92	231.60
		46	Chikmagalur	73073	8	0	0.00	6	120.00	12.09	6.04	9669	24.17	162.30
	District Total			**348453**	**25**	**0**	**0**	**20**	**400**	**57.631**	**28.816**	**46105**	**115.26**	**601.71**

10	Chitradurga	47	Molakalmuru	39152	2	4	200.00	3	60.00	6.48	3.24	5180	12.95	282.66
		48	Challakere	88318	4	4	200.00	3	60.00	14.61	7.30	11686	29.21	311.12
		49	Chitradurga	80477	4	1	50.00	3	60.00	13.31	6.66	10648	26.62	156.59
		50	Holalkere	79834	4	0	0.00	3	60.00	13.20	6.60	10563	26.41	106.21
		51	Hosdurga	91313	4	0	0.00	3	60.00	15.10	7.55	12082	30.20	112.86
		52	Hiriyur	49647	4	2	100.00	3	60.00	8.21	4.11	6569	16.42	188.74
	District Total			**428741**	**22**	**11**	**550**	**18**	**360**	**70.911**	**35.455**	**56728**	**141.82**	**1158.19**
11	Dakshina	53	Mangalore	49862	6	0	0.00	2	40.00	8.25	4.12	6597	16.49	68.86
	Kannada	54	Bantval	49537	3	0	0.00	2	40.00	8.19	4.10	6554	16.39	68.68
	District Total			**99399**	**9**	**0**	**0**	**4**	**80**	**16.44**	**8.2199**	**13152**	**32.88**	**137.54**
12	Davanagere	55	Harihar	50356	2	0	0.00	2	40.00	8.33	4.16	6663	16.66	69.15
		56	Harapanahalli	103549	4	0	0.00	2	40.00	17.13	8.56	13701	34.25	99.94
		57	Jagalur	56342	3	0	0.00	2	40.00	9.32	4.66	7455	18.64	72.61
		58	Davanagere	92221	3	0	0.00	2	40.00	15.25	7.63	12202	30.51	93.38
		59	Honnali	103515	6	0	0.00	2	40.00	17.12	8.56	13696	34.24	99.92
		60	Channagiri	101988	6	0	0.00	2	40.00	16.87	8.43	13494	33.74	99.04
	District Total			**507971**	**24**	**0**	**0**	**12**	**240**	**84.015**	**42.007**	**67212**	**168.03**	**534.05**
13	Dharwad	61	Dharwad	77976	4	0	0.00	4	80.00	12.90	6.45	10317	25.79	125.14
		62	Navalgund	41140	2	0	0.00	2	40.00	6.80	3.40	5443	13.61	63.81
		63	Hubli	61520	3	0	0.00	2	40.00	10.17	5.09	8140	20.35	75.61
		64	Kalghatgi	60232	3	0	0.00	3	60.00	9.96	4.98	7970	19.92	94.87
		65	Kundgol	32426	2	0	0.00	3	60.00	5.36	2.68	4290	10.73	78.77
	District Total			**273294**	**14**	**0**	**0**	**14**	**280**	**45.201**	**22.6**	**36161**	**90.40**	**438.20**
14	Gadag	66	Gadag	27956	2	1	50.00	2	40.00	4.62	2.31	3699	9.25	106.18
		67	Mundargi	58990	2	1	50.00	2	40.00	9.76	4.88	7805	19.51	124.15
		68	Nargund	41572	2	1	50.00	2	40.00	6.88	3.44	5501	13.75	114.06
		69	Rona	39274	3	0	0.00	2	40.00	6.50	3.25	5196	12.99	62.73
		70	Shirhatti	35852	2	0	0.00	2	40.00	5.93	2.96	4744	11.86	60.75
	District Total			**203644**	**11**	**3**	**150**	**10**	**200**	**33.681**	**16.841**	**26945**	**67.36**	**467.88**

15	Gulbarga	71	Aland	93990	5	1	50.00	2	40.00	15.55	7.77	12436	31.09	144.41
		72	Afzalpur	49481	3	0	0.00	2	40.00	8.18	4.09	6547	16.37	68.64
		73	Gulbarga	90612	6	1	50.00	2	40.00	14.99	7.49	11989	29.97	142.45
		74	Chincholi	81162	5	0	0.00	2	40.00	13.42	6.71	10739	26.85	86.98
		75	Sedam	68479	4	0	0.00	2	40.00	11.33	5.66	9061	22.65	79.64
		76	Chitapur	97179	5	1	50.00	2	40.00	16.07	8.04	12858	32.15	146.25
		77	Jevargi	83468	5	0	0.00	2	40.00	13.80	6.90	11044	27.61	88.32
	District Total			**564371**	**33**	**3**	**150**	**14**	**280**	**93.343**	**46.671**	**74674**	**186.69**	**756.70**
16	Hassan	78	Belur	95462	5	1	50.00	2	40.00	15.79	7.89	12631	31.58	145.26
		79	Arsikere	118663	5	1	50.00	2	40.00	19.63	9.81	15701	39.25	158.69
		80	Hassan	131535	5	1	50.00	2	40.00	21.75	10.88	17404	43.51	166.14
		81	Alur	47743	4	1	50.00	2	40.00	7.90	3.95	6317	15.79	117.64
		82	Arkalgud	113311	5	1	50.00	2	40.00	18.74	9.37	14993	37.48	155.59
		83	Hole Narsipur	84258	3	1	50.00	2	40.00	13.94	6.97	11149	27.87	138.77
		84	Channarayapat	117753	6	1	50.00	2	40.00	19.48	9.74	15580	38.95	158.16
	District Total			**708725**	**33**	**7**	**350**	**14**	**280**	**117.22**	**58.609**	**93774**	**234.44**	**1040.26**
17	Haveri	85	Shiggaon	47021	3	1	50.00	3	60.00	7.78	3.89	6222	15.55	137.22
		86	Savanur	38565	2	1	50.00	3	60.00	6.38	3.19	5103	12.76	132.32
		87	Hangal	69782	3	1	50.00	3	60.00	11.54	5.77	9233	23.08	150.39
		88	Haveri	51899	3	1	50.00	3	60.00	8.58	4.29	6867	17.17	140.04
		89	Byadgi	39659	2	1	50.00	3	60.00	6.56	3.28	5247	13.12	132.96
		90	Hirekerur	70957	3	1	50.00	3	60.00	11.74	5.87	9389	23.47	151.08
		91	Ranibennur	65194	3	1	50.00	3	60.00	10.78	5.39	8626	21.57	147.74
	District Total			**383077**	**19**	**7**	**350**	**21**	**420**	**63.358**	**31.679**	**50686**	**126.72**	**991.75**
18	Kodagu	92	Somvarpet	46420	6	0	0.00	2	40.00	7.68	3.84	6142	15.36	66.87
		93	Virajpet	30952	6	0	0.00	2	40.00	5.12	2.56	4095	10.24	57.92
	District Total			**77372**	**12**	**0**	**0**	**4**	**80**	**12.797**	**6.3984**	**10237**	**25.59**	**124.79**

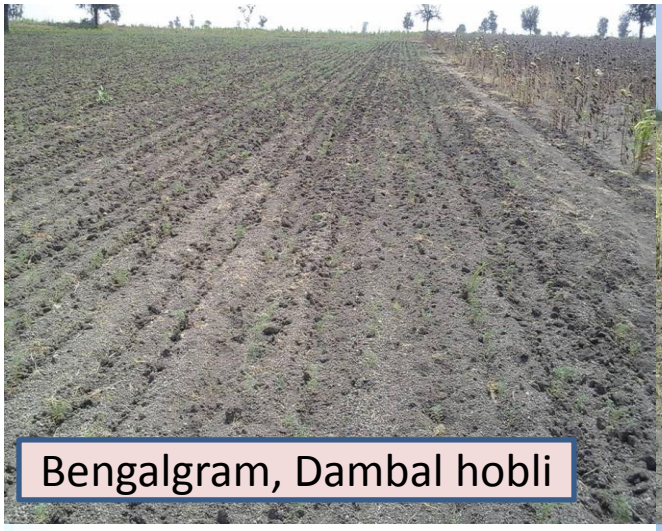
19	Koppal	94	Yelburga	65200	4	1	50.00	3	60.00	10.78	5.39	8627	21.57	147.74
		95	Kushtagi	84395	4	2	100.00	3	60.00	13.96	6.98	11167	27.92	208.85
		96	Gangawati	112108	8	2	100.00	2	40.00	18.54	9.27	14833	37.08	204.90
		97	Koppal	76565	4	1	50.00	3	60.00	12.66	6.33	10131	25.33	154.32
	District Total			**338268**	**20**	**6**	**300**	**11**	**220**	**55.947**	**27.973**	**44758**	**111.89**	**715.81**
20	Mandya	98	Krishnarajpet	104459	6	1	50.00	3	60.00	17.28	8.64	13821	34.55	170.47
		99	Nagamangala	79957	5	1	50.00	3	60.00	13.22	6.61	10579	26.45	156.28
		100	Pandavapura	44110	3	1	50.00	3	60.00	7.30	3.65	5836	14.59	135.53
		101	Shrirangapattan	35471	4	1	50.00	3	60.00	5.87	2.93	4693	11.73	130.53
		102	Mandya	93233	5	1	50.00	3	60.00	15.42	7.71	12336	30.84	163.97
		103	Maddur	82024	4	1	50.00	3	60.00	13.57	6.78	10853	27.13	157.48
		104	Malavalli	73002	4	1	50.00	3	60.00	12.07	6.04	9659	24.15	152.26
	District Total			**512256**	**31**	**7**	**350**	**21**	**420**	**84.723**	**42.362**	**67779**	**169.45**	**1066.53**
21	Mysore	105	Piriyapatna	99421	4	1	50.00	3	60.00	16.44	8.22	13155	32.89	167.55
		106	Hunsur	92058	4	1	50.00	3	60.00	15.23	7.61	12181	30.45	163.29
		407	Krishnarajanaga	88308	6	0	0.00	3	60.00	14.61	7.30	11684	29.21	111.12
		108	Mysore	71719	4	0	0.00	3	60.00	11.86	5.93	9489	23.72	101.52
		109	Heggadadevank	95033	5	1	50.00	3	60.00	15.72	7.86	12574	31.44	165.01
		110	Nanjangud	90153	5	1	50.00	3	60.00	14.91	7.46	11928	29.82	162.19
		111	T- Narsipur	58279	5	1	50.00	3	60.00	9.64	4.82	7711	19.28	143.74
	District Total			**594971**	**33**	**5**	**250**	**21**	**420**	**98.404**	**49.202**	**78723**	**196.81**	**1014.41**
22	Raichur	112	Lingsugur	106435	4	0	0.00	3	60.00	17.60	8.80	14083	35.21	121.61
		113	Devadurga	94028	4	0	0.00	3	60.00	15.55	7.78	12441	31.10	114.43
		114	Raichur	81253	6	0	0.00	2	40.00	13.44	6.72	10751	26.88	87.04
		115	Manvi	99563	9	0	0.00	2	40.00	16.47	8.23	13174	32.93	97.63
		116	Sindhnur	114699	14	0	0.00	2	40.00	18.97	9.49	15176	37.94	106.40
	District Total			**495978**	**37**	**0**	**0**	**12**	**240**	**82.031**	**41.015**	**65625**	**164.06**	**527.11**

23	Ramanagara	117	Magadi	76835	5	1	50.00	3	60.00	12.71	6.35	10166	25.42	154.48
		118	Ramanagara	56487	4	1	50.00	3	60.00	9.34	4.67	7474	18.69	142.70
		119	Channapatna	50381	3	1	50.00	3	60.00	8.33	4.17	6666	16.67	139.16
		120	Kanakapura	106813	6	2	100.00	3	60.00	17.67	8.83	14133	35.33	221.83
	District Total			**290516**	**18**	**5**	**250**	**12**	**240**	**48.049**	**24.025**	**38439**	**96.10**	**658.17**
24	Shivamogga	121	Soraba	104866	7	0	0.00	2	40.00	17.34	8.67	13875	34.69	100.70
		122	Shikarpur	86200	5	0	0.00	2	40.00	14.26	7.13	11405	28.51	89.90
		123	Hosanagara	121075	4	0	0.00	2	40.00	20.02	10.01	16020	40.05	110.09
		124	Tirthahalli	121170	5	0	0.00	2	40.00	20.04	10.02	16032	40.08	110.14
		125	Shivamoga	96812	8	0	0.00	2	40.00	16.01	8.01	12810	32.02	96.04
		126	Bhadravati	64097	7	0	0.00	2	40.00	10.60	5.30	8481	21.20	77.10
	District Total			**594220**	**36**	**0**	**0**	**12**	**240**	**98.279**	**49.14**	**78624**	**196.56**	**583.98**
25	Tumkur	127	Chiknayakanha	72006	5	4	200.00	3	60.00	11.91	5.95	9527	23.82	301.68
		128	Sira	69818	5	5	250.00	3	60.00	11.55	5.77	9238	23.09	350.42
		129	Pavagada	56637	4	3	150.00	3	60.00	9.37	4.68	7494	18.73	242.79
		130	Madhugiri	63353	6	1	50.00	3	60.00	10.48	5.24	8382	20.96	146.67
		131	Koratagere	58408	4	1	50.00	3	60.00	9.66	4.83	7728	19.32	143.81
		132	Tumkur	82126	6	1	50.00	3	60.00	13.58	6.79	10866	27.17	157.54
		133	Gubbi	80506	6	2	100.00	3	60.00	13.32	6.66	10652	26.63	206.60
		134	Tiptur	68721	4	2	100.00	3	60.00	11.37	5.68	9093	22.73	199.78
		135	Turuvekere	66149	4	2	100.00	3	60.00	10.94	5.47	8752	21.88	198.29
		136	Kunigal	90461	6		0.00	3	60.00	14.96	7.48	11969	29.92	112.37
	District Total			**708185**	**50**	**21**	**1050**	**30**	**600**	**117.13**	**58.564**	**93703**	**234.26**	**2059.95**

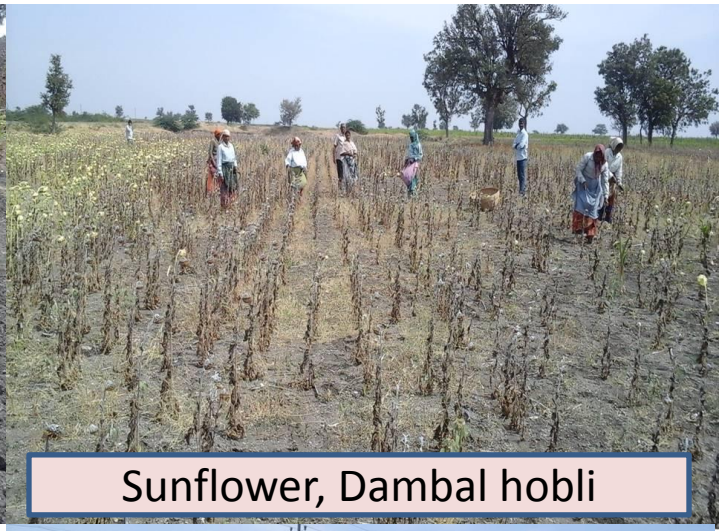
26	Udupi	137	Kundapura	112775	3	0	0.00	2	40.00	18.65	9.33	14922	37.30	105.28
		138	Udupi	85983	4	0	0.00	2	40.00	14.22	7.11	11377	28.44	89.77
		139	Karkal	62155	2	0	0.00	2	40.00	10.28	5.14	8224	20.56	75.98
	District Total			**260913**	**9**	**0**	**0**	**6**	**120**	**43.153**	**21.577**	**34522**	**86.31**	**271.04**
27	Uttara Kannada	140	Karwar	18905	4	0	0.00	2	40.00	3.13	1.56	2501	6.25	50.94
		141	Supa* (Joyida)	23736	3	1	50.00	2	40.00	3.93	1.96	3141	7.85	103.74
		142	Haliyal	48600	4	0	0.00	2	40.00	8.04	4.02	6430	16.08	68.13
		143	Yellapur	38540	2	1	50.00	2	40.00	6.37	3.19	5099	12.75	112.31
		144	Mundgod	36732	2	0	0.00	2	40.00	6.08	3.04	4860	12.15	61.26
		145	Honavar	45877	3	0	0.00	2	40.00	7.59	3.79	6070	15.18	66.56
		146	Bhatkal	24500	2	0	0.00	2	40.00	4.05	2.03	3242	8.10	54.18
	District Total			**236890**	**20**	**2**	**100**	**14**	**280**	**39.18**	**19.59**	**31344**	**78.36**	**517.13**
28	Yadgir	147	Shorapur	123009	5	1	50.00	2	40.00	20.34	10.17	16276	40.69	161.21
		148	Shahpur	121034	5	1	50.00	2	40.00	20.02	10.01	16014	40.04	160.06
		149	Yadgir	143539	6	1	50.00	2	40.00	23.74	11.87	18992	47.48	173.09
	District Total			**387582**	**16**	**3**	**150**	**6**	**120**	**64.103**	**32.052**	**51283**	**128.21**	**494.36**
29	**Kolar**	150	Bangarpet	59410	6	1	50.00	3	60.00	9.83	4.91	7861	19.65	144.39
		151	Kolar	58650	7	1	50.00	3	60.00	9.70	4.85	7760	19.40	143.95
		152	Maluru	33881	4	1	50.00	3	60.00	5.60	2.80	4483	11.21	129.61
		153	Mulabagilu	67067	5	1	50.00	3	60.00	11.09	5.55	8874	22.18	148.82
		154	Srinivasapura	55904	5	1	50.00	3	60.00	9.25	4.62	7397	18.49	142.36
	District Total			**274912**	**27**	**5**	**250**	**15**	**300**	**45.468**	**22.734**	**36375**	**90.94**	**709.14**

30	**Chikkaballapura**	155	Chikkaballapur	44826	**3**	**1**	50.00	3	60.00	7.41	3.71	5931	14.83	135.95
		156	Bagelappli	44189	5	1	50.00	3	60.00	7.31	3.65	5847	14.62	135.58
		157	Chintamani	69461	6	1	50.00	3	60.00	11.49	5.74	9191	22.98	150.21
		158	Gudibande	19277	2	1	50.00	3	60.00	3.19	1.59	2551	6.38	121.16
		159	Shidlagatta	50494	4	1	50.00	3	60.00	8.35	4.18	6681	16.70	139.23
		160	Gowribidanuru	65232	6	1	50.00	3	60.00	10.79	5.39	8631	21.58	147.76
	District Total			**293479**	**26**	**6**	**300**	**18**	**360**	**48.539**	**24.27**	**38831**	**97.08**	**829.89**
	GRAND TOTAL			**12092452**	**681**	**105**	**5250**	**400**	**8000**	**2000**	**1000**	**1600000**	**4000.00**	**20250.00**

Crop Damages



Bengalgram, Dambal hobli



Sunflower, Dambal hobli

Maize and Bengalgram, Dambal hobli

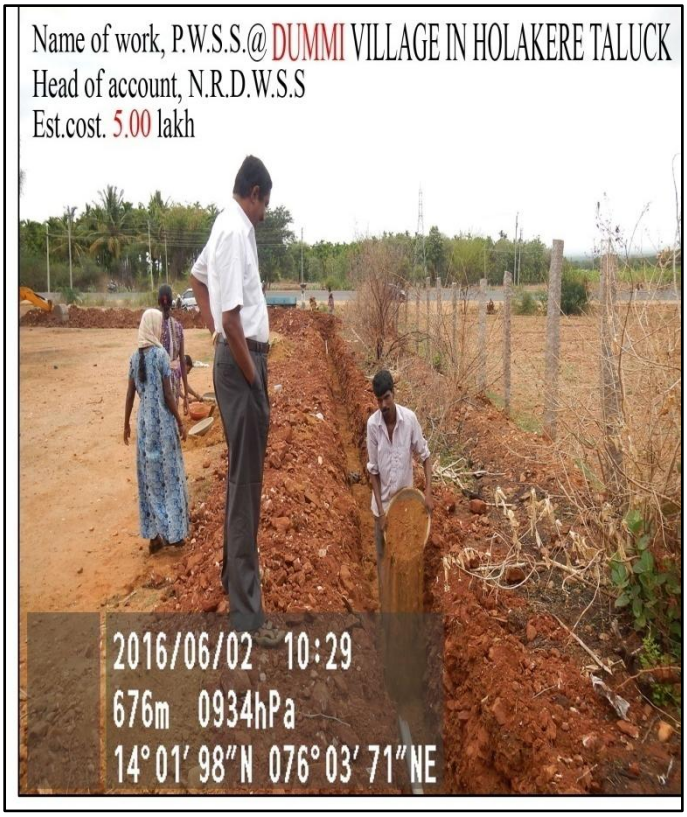
Sunflower, Balaganuru hobli

Bengalgram,, Balaganuru hobli

Maize, Balaganuru hobli

Drinking water supply

Water Harvesting



Taluk: SRPatna **Name of the GP :Gamanahalli:**

Name of the work: Mayigaiah S/O Molleyappa Farm Pond Expenditure: 0.19 Person days: 72

Cattle Camps

Water Conservation

Taluk : Pandavapura GP: Aralakuppe
Name of work: Suresh S/O Chikkanna
Expenditure: 0.24 Person days: 71

Taluk: KRpet GP: ABHalli
Name of the Work : Recharge Pit
Expenditure: 0.68 Person days: 85

Taluk : KRPet GP: AB Halli
Name of the Work: Multi Arch Check Dam
Expenditure : 4.64 Person days: 1084

Taluk: Malavalli GP :Bandur
Name of the work: Rural Connectivity
Expenditure: 1.30 Person days: 452