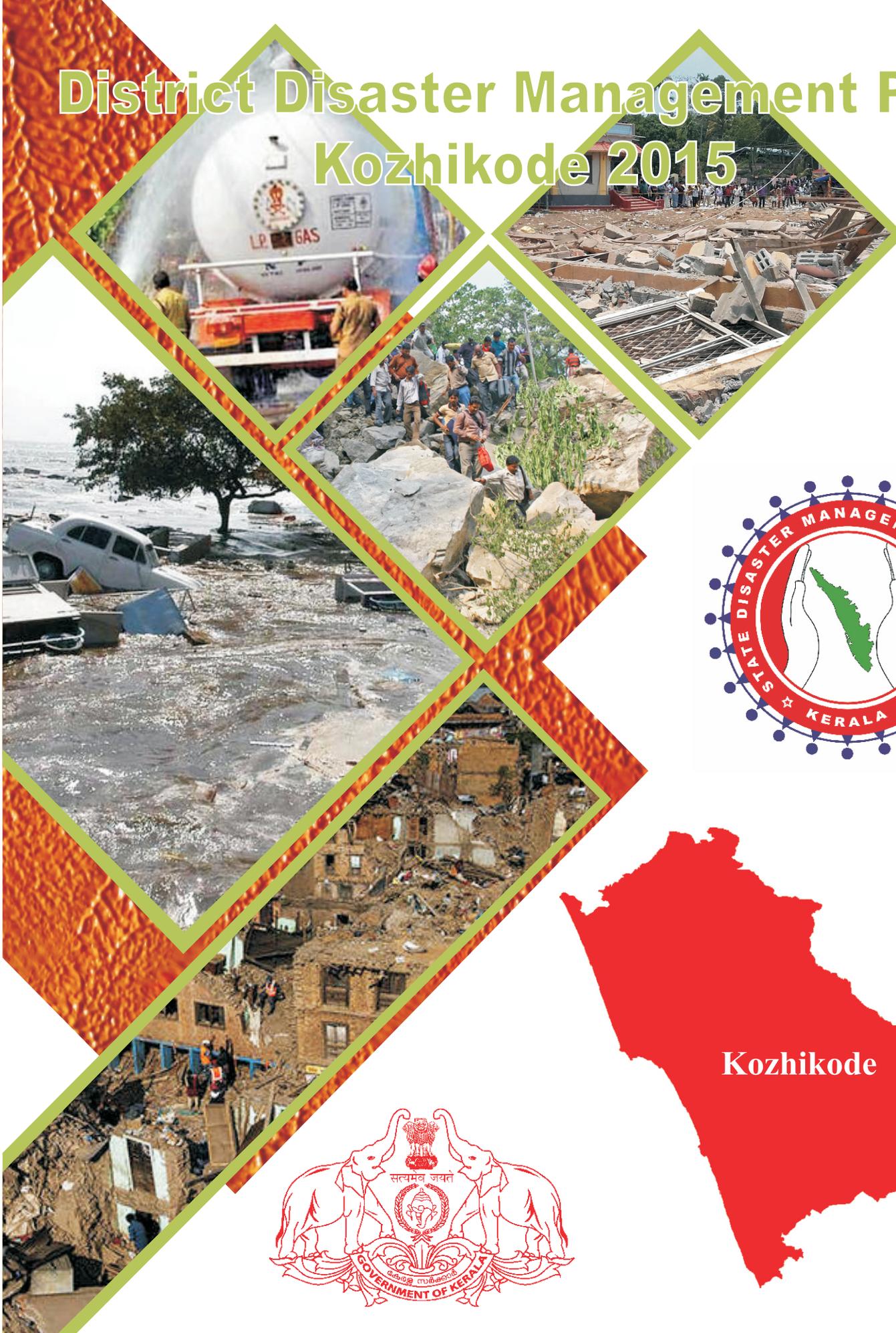


District Disaster Management Plan Kozhikode 2015



Kozhikode



Prepared by: District Disaster Management Authority,
Kozhikode

District Disaster Management Plan, 2015

Kozhikode District Disaster Management Plan

2015

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INTRODUCTION

1.1 VISION

A safer community that effectuate a pragmatic and holistic mechanism to prevent, mitigate and respond to any event of disaster and consistently advance in all aspects of disaster risk reduction.

1.2 MISSION

Develop and establish a structurally and functionally competent administrative unit at District and taluk levels, cognizant and adept in disaster management activities, which is prepared to minimize the devastating effects of a disaster, whether natural or human induced, and capable of appropriate timely deliverance of services upon an emergency.

1.3 POLICY

The Kerala State Disaster Management Policy, 2010 vide G.O (MS) No. 240/2010/DMD dated 19-06-2010 has laid down the guiding principles for the District Disaster Management Plan. The policy aims to foster a culture of prevention, mitigation and preparedness from the grass root levels of the District administration.

1.4 OBJECTIVES OF THE PLAN

The primary objective of the District Disaster Management Plan (DDMP) is to be an instrument to implement the responsibilities assigned to DDMA in section 30 (1) and (2) of DM act, 2005 and section 14 of KSDMA rules, 2007. In accordance with the guidelines in section 31(3) of DM act, the district plan aims to include

- a) *the areas in the district vulnerable to different forms of disasters;*
- b) *the measures to be taken prevention and mitigation of disaster, by the departments of the government at the district level and local authorities in the district;*
- c) *the capacity- building and preparedness measures required to be taken by the departments of the governments at the district level and the local authorities in the district to respond to any threatening disaster situation or disaster;*
- d) *the response plans and procedures, in the event of a disaster, providing for*
 - i. *allocation of responsibilities to the departments of the government at the district level and the local authorities in the district;*
 - ii. *Prompt response to disaster and relief thereof;*
 - iii. *Procurement of essential resources;*
 - iv. *Establishment of communication links; and*
 - v. *the dissemination of information to the public;*

1.5 SCOPE OF THE PLAN

District disaster management plan abides by and integrates the directions of National DM Act 2005, the State DM Act 2007, the State DM Policy 2010, rules, regulations and other significant guidelines.

- The plan provides a necessary framework for the District administration to facilitate, coordinate and monitor disaster management tasks by mobilizing the resources and taking the expertise of relevant Governmental departments at central and state level, local self-governments, private sector, non-governmental organizations and community in every phase of disaster management.
- This plan is consistently operational at all levels of management within the geographical and jurisdictional limits of the District administration.
- This plan is pertinent to the prevention of hazards, mitigation, preparedness, response and recovery from disasters listed in section 7 of State DM Policy 2010 and other events recognized as hazards or disasters by the State Executive Committee or the State Disaster Management Authority from time to time.

1.6 AUTHORITY & REFERENCE

The DDMA has the authority to conceive, test and implement a District Disaster Management Plan in accordance with the section 30 (2) I, ii & iii of the DM act 2005. The acts, rules, policy for disaster risk reduction in the District and regulations relating to the implementation of this plan are as given below:

TABLE 1: ACTS, RULES, POLICY FOR DISASTER RISK REDUCTION IN THE DISTRICT

Sl. No.	Acts/Rules
1.	National Disaster Management Act, 2005
2.	Kerala State Disaster Management rules: Ex Extraordinary Gazette S.R.O No. 201/2007 dated 1 March 2007
3.	State DM policy, GO (Ms) No. 240/2010/DMD dated 19-06-2010
4.	Dangerous Machine (Regulation) Act, 1983
5.	The Environment Protection Act, 1986
6.	Kerala Factories (Major Accident Hazard Control) Rules, 2005
7.	Dangerous Machines (Regulation) Rules, 2011
8.	The Environment (Protection) Rules 1986
9.	The Manufacture, Storage and Import of hazardous Chemicals Rules, 1989
10.	The Chemical Accidents (Emergency Planning Preparedness and Response) Rules 1996

11.	The Boilers Act, 1923
12.	The Mines Act, 1952
13.	The Mines Rescue Rules, 1985
14.	The Petroleum Act, 1934
15.	Indian Standard Code of Practice for Protection of buildings and allied structures against lightning

1.7 PLAN DEVELOPMENT

As per section 30 (2) (i) of the National DM Act and State DM policy, 2010, the District shall prepare a Disaster Management Plan including District Response Plan for the District with respect to the guidelines issued by the National and State Authority respectively. The District administration shall coordinate and monitor the implementation of the National Policy, State Policy, National Plan, State Plan and District Plan.

The State Executive Committee of KSDMA in its meeting held on 14th June 2013 has authorized the State Emergency Operations Centre (SEOC) of SDMA to revise the District Disaster Management Plans and the State Disaster Management Plan within 2 years starting January 2014. Besides SEOC prepared a template and the Principal Secretary, Revenue and Disaster Management has circulated the template to the nodal departments for the formulation of departmental plans.

1.8 PLAN REVIEW & UPDATING

DDMP consists of two major components, they being:

- dynamic component and
- stable component

The stable component encompasses the guidelines laid down by the national, state acts, rules and shall be revised once in 5 years by SDMA whereas, the dynamic component comprises of elements that are subject to constant change and thus should be revised once in two years or as determined by the DDMA, SEC or SDMA. Although, DDMA has the authority to decide on the regularity of review and revision of DDMP, plan review should mandatorily be conducted in the aftermath of any declared disaster within the District or neighbouring districts and modifications should be made accordingly. The DDMP may be reviewed preferably in February and updated in April; update of the plan should be based on inputs gained through:

- a) Mock drills
- b) Recommendations from all Departments in the DDMA meetings
- c) Past disaster experiences
- d) Directions issued by SEC, SDMA or the Government

HAZARD, VULNERABILITY AND RISK ASSESSMENT

TABLE 2: DISTRICT PROFILE AT A GLANCE

District Profile at a glance	
Head quarters	Kozhikode
Location (of the Headquarters)	North latitudes 11 ⁰ 08 and 11 ⁰ 50 and East longitudes 75 ⁰ 30 and 76 ⁰ 08
Total area(district)	2344 km ²
District boundaries	North Kannur, South Malappuram West Arabian Sea, East Wayanad

TABLE 3: ADMINISTRATIVE DIVISIONS OF THE DISTRICT

Administration	
Revenue divisions	1
Taluks	4
Blocks	12
Villages	118
District Panchayaths	1
Gram Panchayaths	75
Municipalities	2
Corporations	1

Annexure 1

TABLE 4: GEOGRAPHY AND TOPOGRAPHY OF THE DISTRICT

Geography and Topography	
Major Rivers	6
Reservoirs	2
Coastline (length in kms)	76 Km ²
Forest	41386 Km ²
Wetland area	27809 Km ²
Cultivable Area	201861 Km ²
Barren & uncultivable land	26577 Km ²

Annexure 2

TABLE 5: WEATHER AND CLIMATE

Average Rainfall (2009 - 2013)												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2009	0	0	43.5	63.1	179.1	608.4	1817.5	301.1	335.4	321.3	335.1	22.7
2010	7.1	0.3	0	143.3	249.9	1094.5	897.8	368.9	323.1	495.1	280	13.9
2011	0	0	1.1	121.4	98.9	1188.8	840.1	682.1	609.4	205.9	213.3	5.3
2012	0.3	9.1	0.8	113.5	41.3	884.5	451.3	625.8	429.1	214.3	159.8	0
2013	1.3	41.8	38.8	21.8	193.9	1426.1	1113.9	391.6	235	269	96.6	13.8

Source: IMD

TABLE 6: DISTRICT DEMOGRAPHY

Demography		
Total population	30,89,543	
Male	14,73,028	
Female	16,16,515	
Sex ratio	1,097	
Age group population (0-6 years)	3,23, 511	
Population density	1318 Persons/Km ²	
Rural Population	Total	Male
	10,14,765	4,85,654
Urban Population	Total	Male
	20,747,78	9,87,374
Birth rate	16/1000	
Infant Mortality rate	8	
Decadal growth rate	7.31	
Literacy rate	Total	Male
	95.24	97.57

Source: census report 2011

TABLE 7: EDUCATION PROFILE OF THE DISTRICT

Education Institution	
Lower Primary	689
Upper Primary	308
High Schools	42
Higher Secondary	154/(hss & vhss - 17)
Vocational H.S	8
Technical High Schools	3
University	Nil
Arts & Science college	38

Poly Technics	7
Engineering College	7
Medical College	3

Annexure 3

District education office

TABLE 8: SOCIO ECONOMIC PROFILE

Socio Economic Profile	
ST Population	200983
SC Population	10508

District SC/ST Department, Kozhikode 2014

TABLE 9: AGRICULTURAL PRODUCTIVITY OF THE DISTRICT

Agriculture		
Crops	Type	Area (in Ha)
Staple crops	Paddy	213187
	Jowar	2208
	Ragi	263
Vegetable	Drumstick	16127
	Bitter gourd	2366
	Snake gourd	1117
	Ladies finger	1128
	Green Chillie	1393
	Ashgourd (Kumbalanga) Little gourd(Koval)	1026
	Brinjal	964
	Pumpkin	849
	Cucumber	1217
	Amaranths	1428
Plantation crops	Tea	36965
	coffee	84931
	Rubber	534230
	Cocoa	12488
Oil seeds	Ground nut	1503
	Sesamum	519
	Coconut	770473
Spices	Pepper	175679
	Ginger	8865
	Turmeric	3155
	Cardamom	39763
	Arecanut	99787
	Cloves	1252

TABLE 10: ANIMAL HUSBANDRY

Animal Husbandry	
Livestock Population	86222
Milk Production	94.742 (metric tonnes)
Meat production	7894 (metric tonnes)
Number of Cattle farms	44
Poultry Population	429726
Number of Poultry farms	32
Cattle camps	224 camps

Annexure 4 District veterinary office

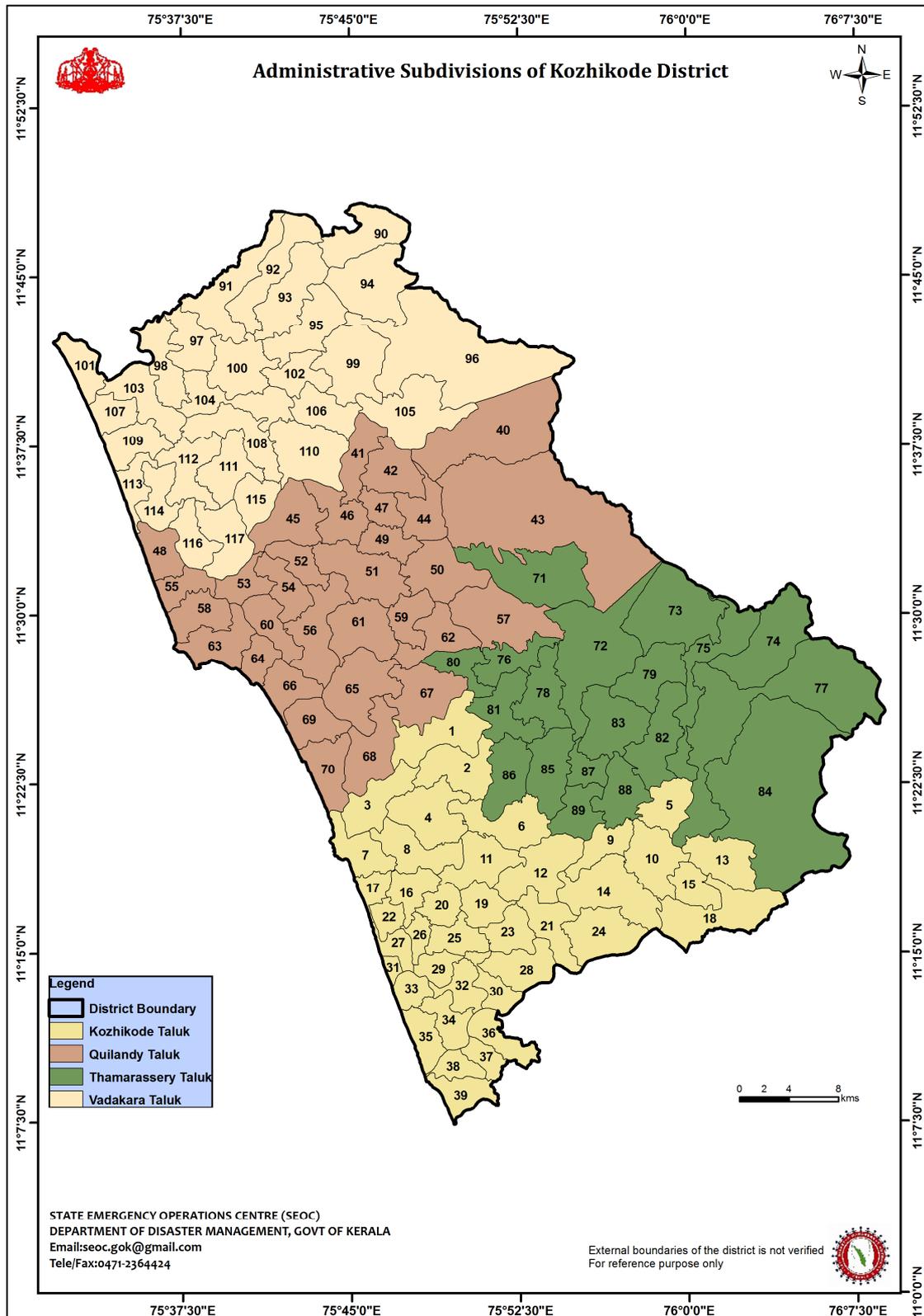


FIGURE 1: ADMINISTRATIVE SUBDIVISIONS OF KOZHIKODE DISTRICT (ANNEXURE 18)

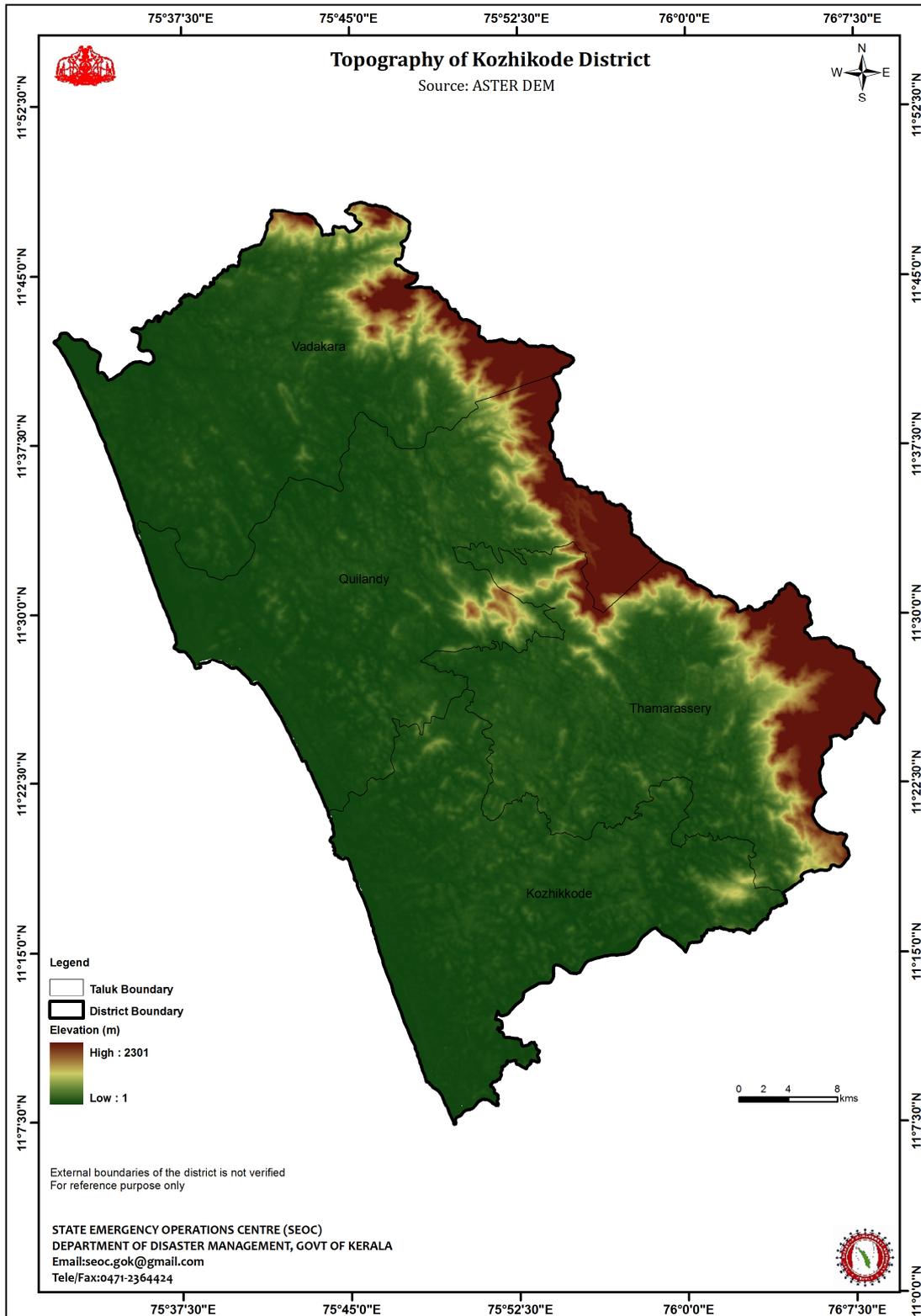


FIGURE 2: TOPOGRAPHY MAP OF KOZHIKODE DISTRICT

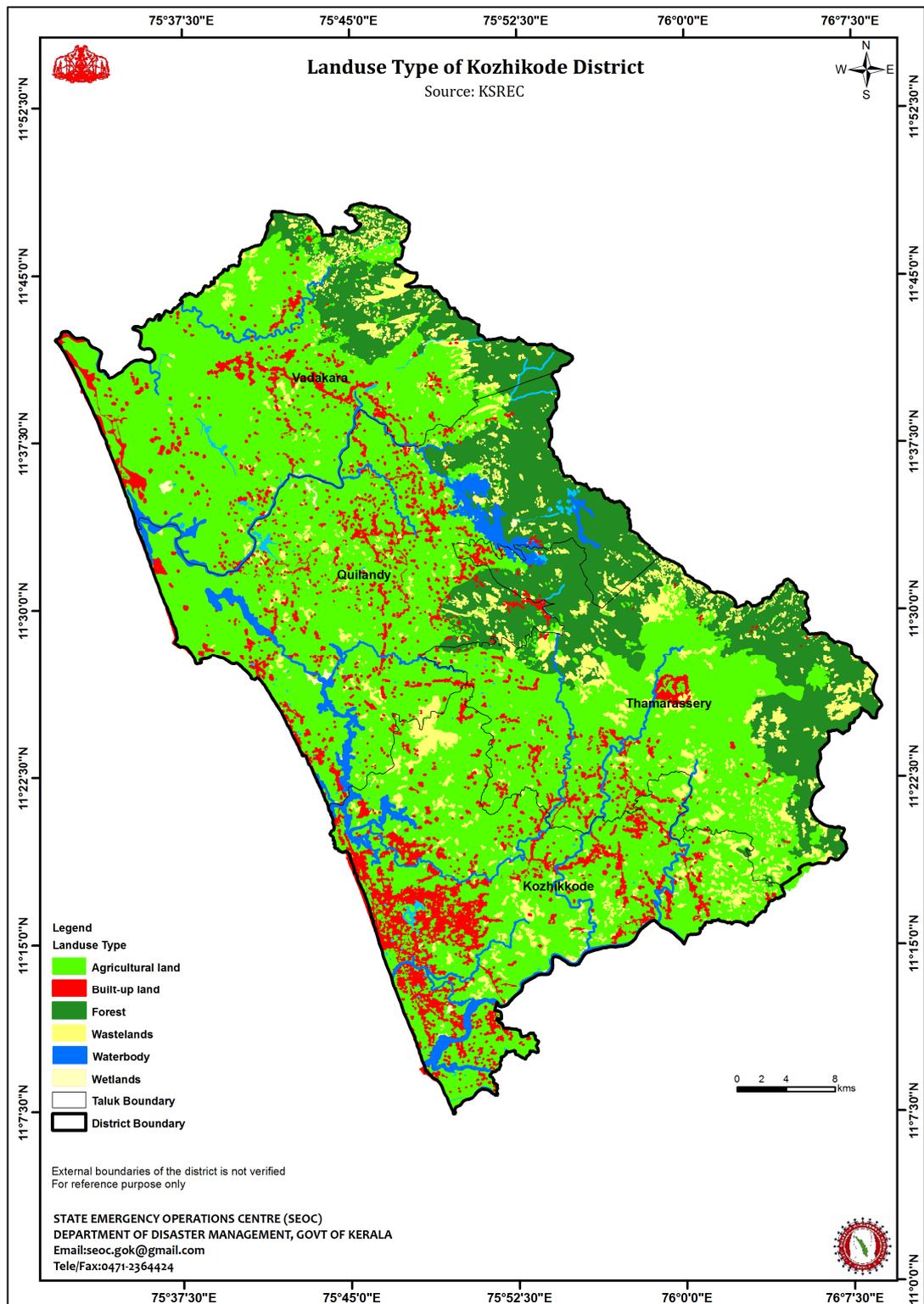


FIGURE 3: LANDUSE TYPE MAP OF KOZHIKODE DISTRICT

TABLE 11: INDUSTRIES

Industries		
Type of Industry	Numbers 16	Total work force 5500(AROUND)
Agro based industry	Timber industry	
	Tile Industry	
	Textiles, Coir, Ply Wood, Printing & Publishing, Automobiles & Oils Industry.	

Source: District Information Office, Kozhikode

TABLE 12: FESTIVALS AND TOURIST CENTRES OF THE DISTRICT

Festivals		Tourist places	
Malabar Mahotsavam	Shivarathri, Uthsavam at Sreekanteswara Temple and Jalotsavam	Pazhassiraja Museum, Art Galery, Krishna Menon Museum	Mananchira Square
Revathy Pattathanam		Kithads,Beypore, kozhikode Beach,Kappad	Velliyamkallu, Payyoli, Kakkayam, Vadakara, Tushargiri, Peruvannamuzhi, Wayanad Ghats, Iringhal

Source: District Information Office, Kozhikode

2.1 HAZARD PROFILE OF THE DISTRICT

Disaster subcategory definitions:

- 1. Naturally Triggered/Weather related:** Events caused by short-lived/small to meso-scale atmospheric processes (in the spectrum from minutes to days)
- 2. Geological:** Events originating from solid earth
- 3. Biological:** Disaster caused by the exposure of living organisms to germs and toxic substances
- 4. Anthropogenically/Technologically triggered:** Disaster triggered by human intervene

TABLE 13: HAZARD PROFILE OF THE DISTRICT

Sl. No.	Classification	Types of Disaster
1.	Naturally triggered weather related	Flood
		Coastal Tsunami Coastal erosion

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

		Kallakadal Storm surge
		Thunder and lightning
		Cyclone
		Drought Salt water intrusion
2.	Geological	Earthquakes Landslides
3.	Biological	Epidemics Cattle epidemics Food poisoning Pest attack
4.	Anthropogenically/ Technologically triggered	Industrial explosions Petro-chemical transportation accidents Fireworks accidents Road accidents Human triggered forest fire Stampede Short circuit and related fire Building collapse Boat capsizing Tourism related drowning Air and rail accidents Hooch accident

2.2 MATRIX OF PAST DISASTER

TABLE 14: MATRIX OF PAST MATRIX

Disaster	Flood/ Rainfall	Earthquake	Landslide	Windfall	Storm surge	Drought	Lightning
Number of affected villages	106		2	1		44	30
Population affected			562	565		760	
Cultivated area affected (in Ha)	117.5		328.15		901.23	178.1152	
Estimate cost of Crop Loss (Rs)	6512500		198836660		16765 2370	35260980	
Number of House	10121		112	113			

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

Damaged Estimate cost of houses damaged	78631689		34,43,200	43,81,000		22,57,280	
No: of Casualty	12		10				
Month & Year of Occurrence	2010 - 14	2010 – 14	2010 - 14	2010 – 14		2010 – 14	

Source : Taluk Office

2.3 HAZARD SEASONALITY MAPPING OF THE DISTRICT

TABLE 15: HAZARD SEASONALITY MAPPING OF THE DISTRICT

Disaster	J	F	M	A	M	J	J	A	S	O	N	D
Earthquake	←————→											
Drought			←————→									
Fire			←————→									
Lightning						←————→						
Flood						←————→						

2.4 CAPACITY ANALYSIS

The District possess various resources and capacities which can be of use in both the hour of emergency as well as normal situations. List of key resources/capacities available in the District with different departments/ agencies is given below:

TABLE 16: CAPACITY ANALYSIS

Capacity/Resources	Number/Details	Further Details
District EOC	Emergency Operation center, District Collectrate, Civil Station, Kozhikode 673020 Ph no : 2371002	Annexure 5
Nearest NDRF Unit	NDRF Bn Arakkonam, Vellore, Tamilnadu Off (04177-246269, 246594) fax(O4177-246644)	
Nearest SDRF Unit	Commandnd SDRF, Pandikadu, Kolapparambha (P.O.), Malappuram Ph no: 0483 – 2783397	
Nearest IMD regional Office	Meterological Dept, Beach Road, Kozhikode 673032 Ph No :2360644	
Nearest Navy headquarters	Ezhimala Naval Academy Kannur, Kerala PIN 670310	
Nearest Army camp	Army Recruiting centre, West Hill Barracks Calicut 673005 ph No:0495-2383953	
PRI Representatives	<u>Panchayath</u> Smt. KaanathilJameela - Panchayath President Sri. R Sashi - Vice President	Annexure 6

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

	Sri. Abdurahiman Ekkadan - Secretary in charge		
	Block		
	Municipal town/Municipal corporation		
HR Trained in Disaster Management	NDRF officials, Home Guard, volunteers and NCC, NYK cadets trained in different skills		
Road connectivity	List the major National and state highways in the district	Annexure 7	
Railway Network	Length in kms	Annexure 8	
	Stations no.s		
Seaport/Airport	<u>Seaport</u> Beypore Port, Port Office Beypore, Calicut Ph & Fax : 0495 - 214863 Email : Portofficeekkd@gmail.com	<u>Airport</u> Calicut International Airport, Malappuram, Kerala pin : 673647	
Police force	Human resource	Annexure 9	
	Vehicles		
Healthcare	Hospitals	Annexure 10	
	Number of doctors		
	Number of ANMs		415
	Blood banks		2
	Red cross society offices		
	Primary health centres		57
	Community health centres		16
	Medical dispensaries		
	Ambulance		
	Number of Asha workers		
Rescue operations	Human resource in fire and rescue department	Annexure 27	
	Fire engines		
	Recovery vehicles		
	Earth moving vehicles		
Communication	BSNL Offices in the district	Annexure 11	
	Visual media	Details of offices in Annexure 12	
	Dailies	Details of offices in Annexure 13	
	Radio station	Contact numbers, frequency range in Annexure 14	
Ponds	445 (Minor irrigation dept)	Details of dimension, location in Annexure 15	
NGOs		Details of location, activities, contact in Annexure 16	
Reservoirs	21 (KWA, Kozhikode, Vadakara)	Details of location, MWL, capacity in Annexure 17	
Pump house	66 (KWA, Kozhikode, Vadakara)	Details in Annexure 17	
Tankers		Details in Annexure 17	
Groundwater observation wells	388 (GWD, Kozhikode)		
Public Distribution Shops	Not Provided		

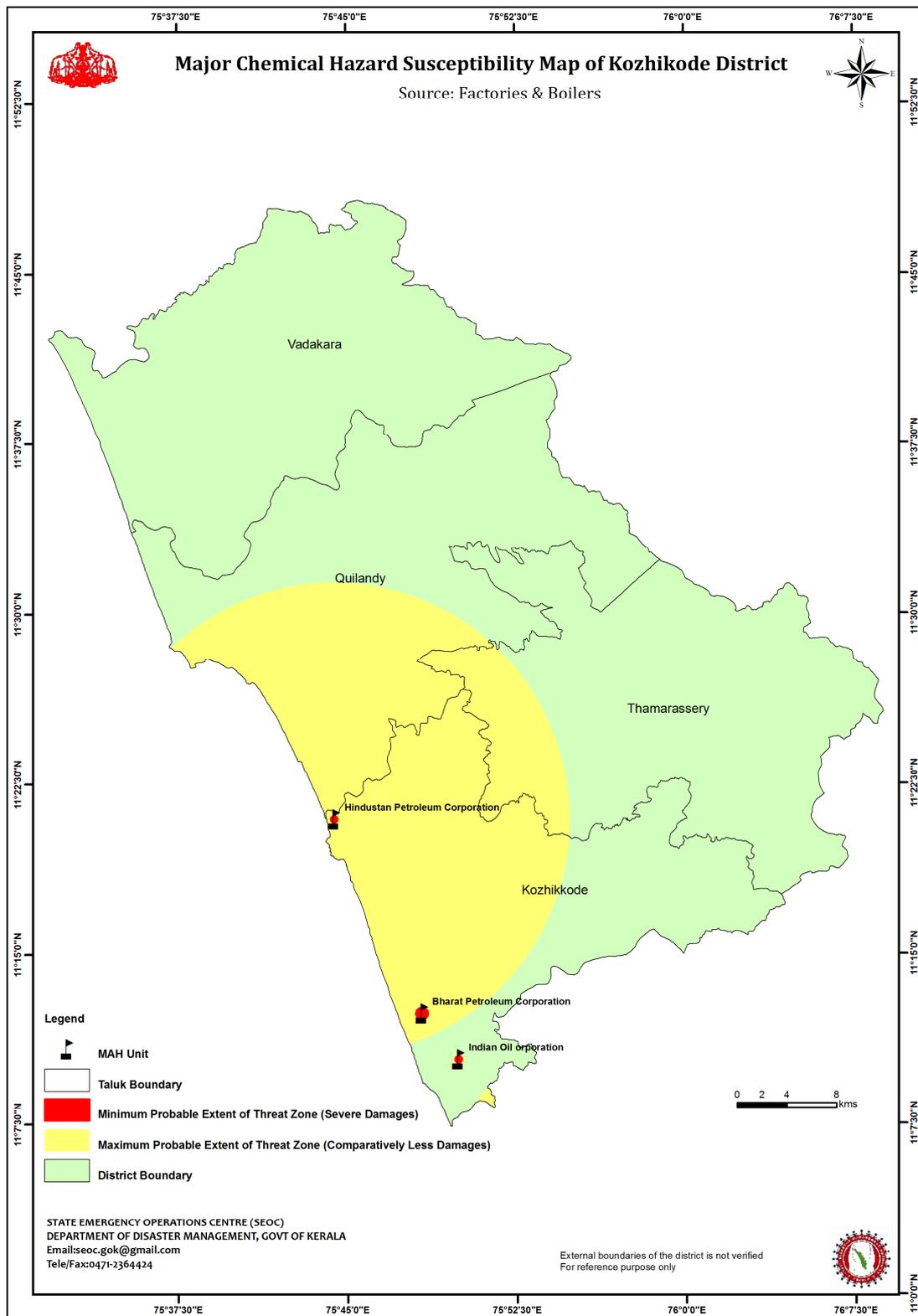


FIGURE 4: CHEMICAL HAZARD SUSCEPTIBILITY MAP OF KOZHIKODE DISTRICT (ANNEXURE 19)

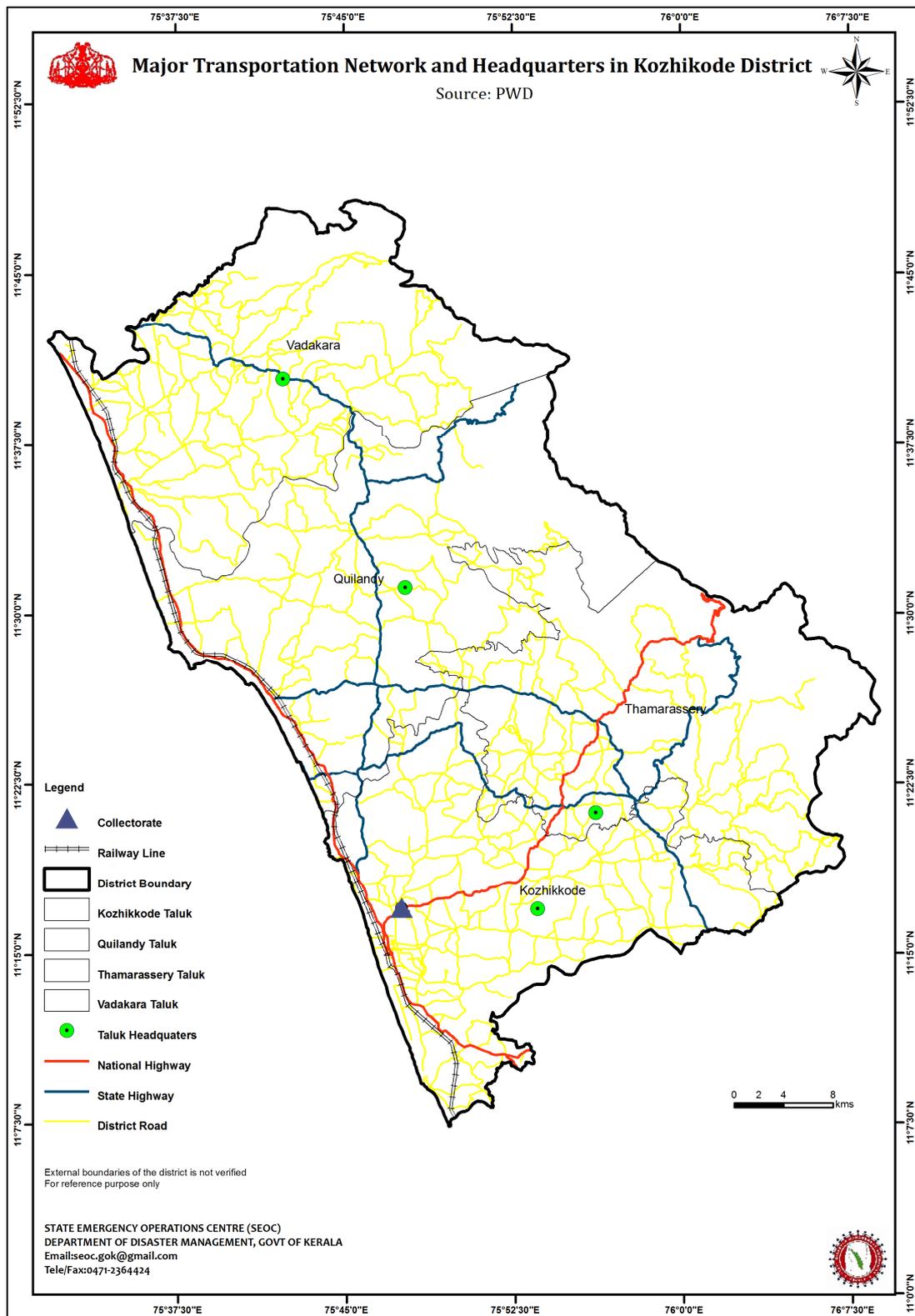


FIGURE 5: MAJOR TRANSPORTATION NETWORKS MAP IN KOZHIKODE DISTRICT

INSTITUTIONAL ARRANGEMENTS

3.1 DISTRICT DISASTER MANAGEMENT AUTHORITY – KOZHIKODE

District Disaster Management Authority, (Kozhikode) is an institution constituted as per the National Disaster Management Act, 2005 at the District level to ensure effective management and response to any disaster. The DDMA (Kozhikode) has following structure:

TABLE 17: DDMA STRUCTURE

Sl No	Organization & Designation	Designation in DDMA
1	District Collector	Chairman
2	District Panchayat President (DPP)	Co-Chairperson
3	Additional District Magistrate(ADM)	Chief Executive Officer
4	District Medical Officer(DMO) (Health)	Member
5	Divisional Officer, Fire and Rescue (ADO)	Member
6	Principal Agricultural Officer(PAO)	Member
7	The Superintendent of Police	Member

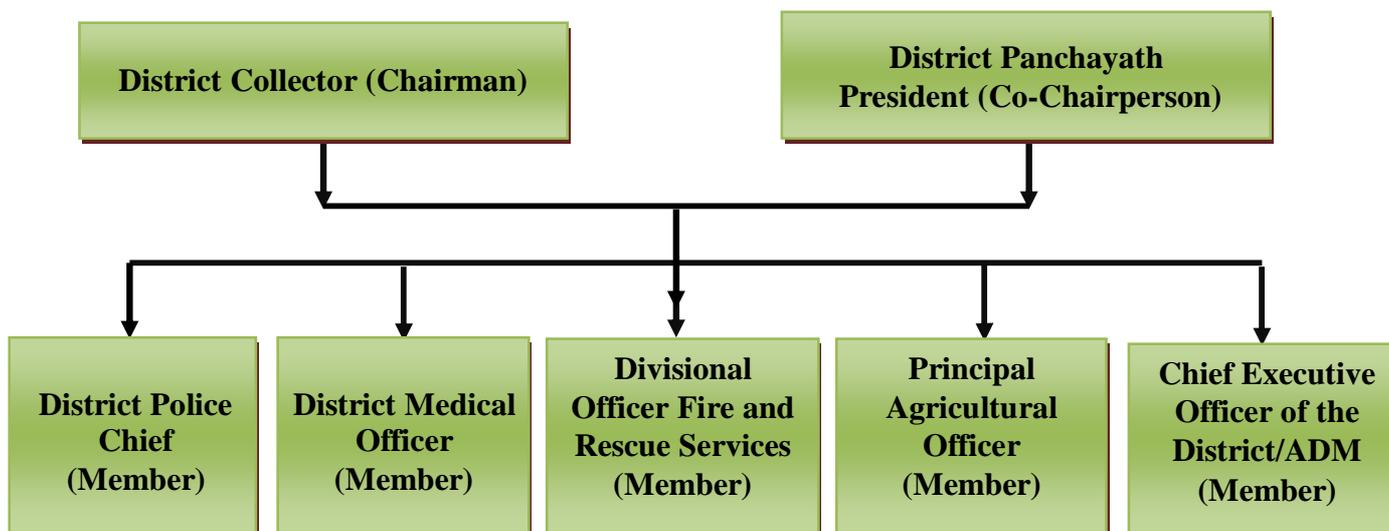


FIGURE 6: FLOW CHART OF THE STRUCTURE OF DDMA

3.2. NODAL DEPARTMENTS FOR VARIOUS HAZARDS

- ✚ Revenue & Disaster Management: Hydro-meteorological & geological disasters
- ✚ Home: Road & rail accidents
- ✚ Health & Family Welfare: Chemical, biological, radiological & nuclear disasters
- ✚ Factories & Boilers Dept., Dept. of Industries and the industry: Industrial accidents
- ✚ Agriculture: Pest attacks
- ✚ Animal Husbandry: Cattle epidemics
- ✚ Water resources: Dam break

- ✚ **Public Works: Building collapse**
- ✚ **Forests: Forest Fire**
- ✚ **Airport: Air accidents**

(Kerala SDM Policy, 2010)

3.3 POWERS & FUNCTIONS OF DDMA

The DDMA shall establish a proper chain of command system for planning, coordinating and implementing schemes for effective management of disasters and organize the activities of all agencies responsible for disaster management in the District. The ICS will provide information on facilities, equipment, personnel, procedures and communications operating within a common organizational structure. The DDMA has the authority to make any necessary institutional arrangements, assign responsibilities and modify any existing administrative mechanism or procedure to effectively accomplish the specified objectives pertinent to an incident.

3.4. POWERS AND FUNCTIONS OF DISTRICT AUTHORITY

- (1) The District Authority shall act as the district Planning, coordinating and implementing body for disaster management and take all measures for the purposes of disaster management in the district in accordance with the guidelines laid down by the National Authority and the State Authority.
- (2) Without prejudice to the generality of the provisions of subsection, the District Authority may-
 - i. Prepare a disaster management plan including district response plan for the district;
 - ii. Coordinate and monitor the implementation of the National Policy, State Policy, National Plan, State Plan and District Plan;
 - iii. Ensure that the areas in the district vulnerable to disasters are identified and measures for the prevention of disasters and the mitigation of its effects are undertaken by the departments of the Government at the district level as well as by the local authorities;
 - iv. Ensure that the guidelines for prevention of disasters, mitigation of its effects, preparedness and response measures as laid down by the National Authority and the State Authority are followed by all departments of the Government at the district level and the local authorities in the district;
 - v. Give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary
 - vi. Lay down guidelines for prevention of disaster management plans by
 - vii. The department of the Government at the districts level and local Authorities in the district;

- viii. Monitor the implementation of disaster management plans prepared by the Departments of the Government at the district level
- ix. Lay down guidelines to be followed by the Departments of the Government at the district level for purposes of integration of measures for prevention of disasters and mitigation in their Development plans and projects and provides necessary technical assistance there for
- x. Monitor the implementation of measures referred to in clause
- xi. Review the state of capabilities for responding to any disaster or threatening disaster situation in the district and give directions to the relevant departments or authorities at the district level for their up gradation as may be necessary;
- xii. Review the preparedness measures and give directions to the Concerned departments at the district level or other concerned authorities where necessary for bringing the preparedness measures to the levels required for responding effectively to any disaster or threatening disaster situation;
- xiii. Organise and coordinate specialized training programmes for different levels of officers, employees and voluntary rescue workers in the district;
- xiv. Facilitate community training and awareness programmes for prevention of disaster or mitigation with the support of local authorities, governmental and non-governmental organisations;
- xv. Set up, maintain, review and upgrade the mechanism for early warnings and dissemination of proper information to public;
- xvi. Prepare, review and update district level response plan and guidelines;
- xvii. Coordinate response to any threatening disaster situation or disaster;
- xviii. Ensure that the Departments of the Government at the district level and the local authorities prepare their response plans in accordance with the district response plan;
- xix. Lay down guidelines for, or give direction to, the concerned Department of the Government at the district level or any other authorities within the local limits of the district to take measures to respond effectively to any threatening disaster situation or disaster;
- xx. Advise, assist and coordinate the activities of the Departments of the Government at the district level, statutory bodies and other governmental and non-governmental organisations in the district engaged in the disaster management
- xxi. Coordinate with, and give guidelines to, local authorities in the district to ensure that measures for the prevention or mitigation of threatening disaster situation or disaster in the district are carried out promptly and effectively;
- xxii. Provide necessary technical assistance or give advice to the local authorities in the district for carrying out their functions;
- xxiii. Review development plans prepared by the Departments of the Government at the district level, statutory authorities or local authorities with a view to make necessary provisions therein for prevention of disaster or mitigation;

- xxiv. Examine the construction in any area in the district and, if it is of the opinion that the standards for the prevention of disaster or mitigation laid down for such construction is not being or has not been followed, may direct the concerned authority to take such action as may be necessary to secure compliance of such standards;
- xxv. Identify buildings and places which could, in the event of any threatening disaster situation or disaster, be used as relief centres' or camps and make arrangements for water supply and sanitation in such buildings or places;
- xxvi. Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at a short notice;
- xxvii. Provide information to the State Authority relating to different aspects of disaster management;
- xxviii. Encourage the involvement of non-governmental organisations and voluntary social-welfare institutions working at the grassroots level in the district for disaster management;
- xxix. Ensure communication systems are in order, and disaster management drills are carried out periodically;
- xxx. Perform such other functions as the State Government or State Authority may assign to it or as it deems necessary for disaster management in the District.

FIGURE 7: FLOW CHART ON EMERGENCY INTER COMMUNICATION BETWEEN DIFFERENT STAKEHOLDERS

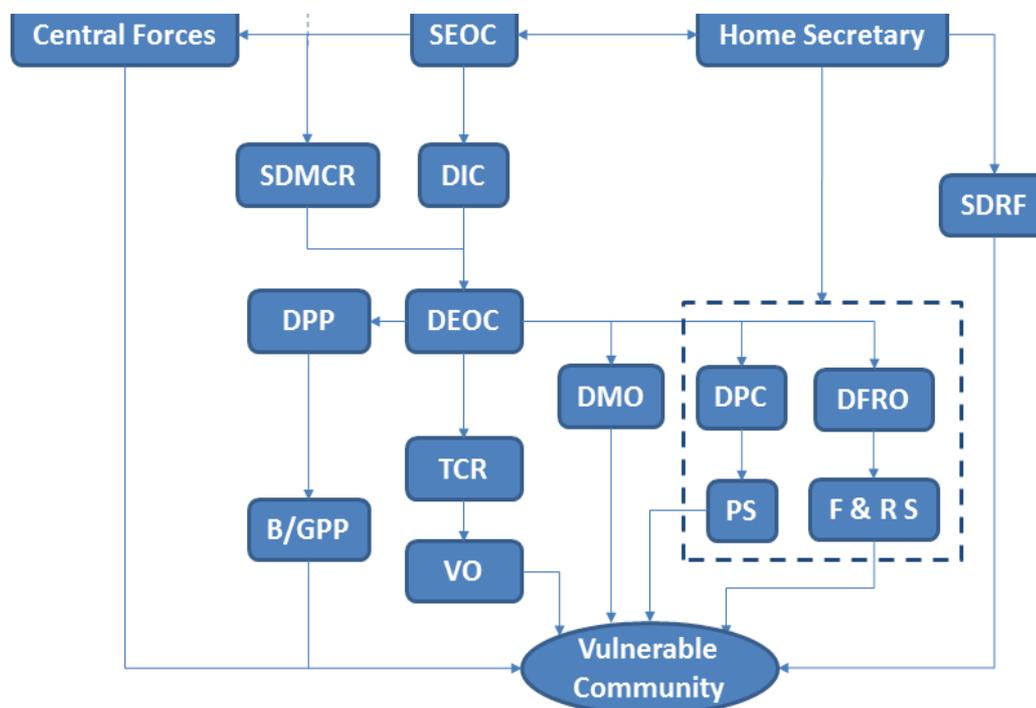
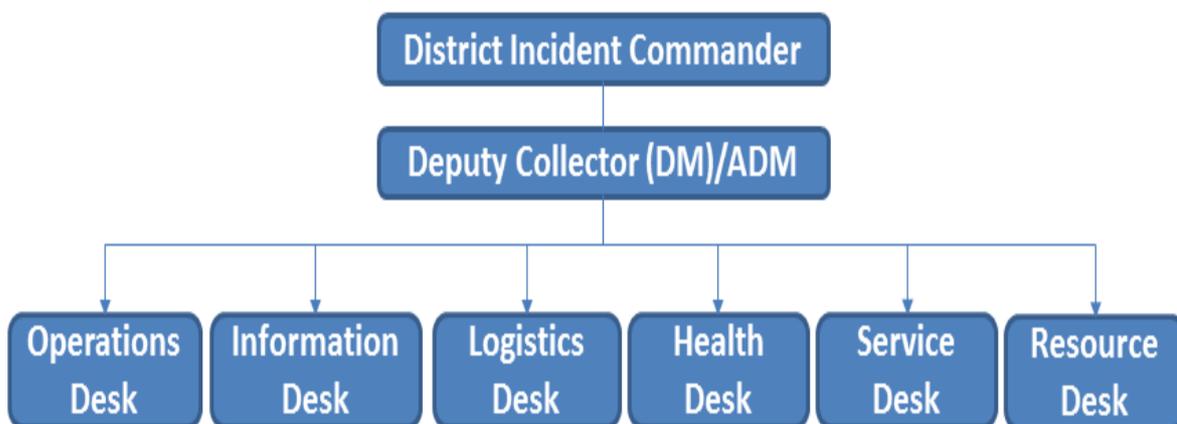


FIGURE 8: FLOW CHART ON INCIDENT COMMAND SYSTEM (ICS)



Operations Desk

SEOC – Dedicated & trained staff; DEOC - Police and Fire & Rescue

- Monitoring field level rescue and evacuation operations
- Monitoring salvage operations
- Requisition of accommodation, transport and other necessary equipment for relief groups
- Maintain law and order
- Regular updates to the EOC regarding relief operations

Information Desk

SEOC – Dedicated & trained staff; DEOC – Land Revenue

- Communication of weather reports and warnings and subsequent updates
- Dissemination of information
- Keep contingency plans along with all necessary maps in ready to use condition
- Maintenance of important telephone numbers, database on available resources, list of key persons
- Send and receive messages and maintain records of the messages
- Maintain information of damage, materials sent and ongoing activities for immediate sharing with Emergency Operation Centre

Logistics Desk

SEOC – Dedicated & trained staff; DEOC – Transport Department

- Assess the need in terms of manpower and resources and ensure regular supply
- Ensure proper storage and transport facilities for relief materials
- Maintain adequate supply of necessary transport and equipment
- Coordinate with private transport associations and boat association for emergency requirement
- Organize transportation for rescue party, evacuated people medical terms and injured or sick people

Health Desk

SEOC – Dedicated & trained staff & the State Level Nodal Officer of Health Department; DEOC – Health Department

- Organize treatment of injured and sick, disposal of carcasses
- Preventive Medicine and anti-epidemic measures are taken
- Maintain record of all activities
- Assess and ensure setting up medical relief camps
- Maintain adequate supply of medicines, equipment and personnel
- Monitor maintenance of health measures in all camps and provision of safe drinking water

Service Desk

SEOC – Dedicated & trained staff; DEOC – Land Revenue

- Overall coordination of rescue and relief operations
- Assessing the relief, search and rescue and cash compensation requirements
- Organize and co-ordinate setting up of relief camps
- Ensure adequate supplies to the camps
- Coordinate identified NGO activities to ensure community participation
- Reporting the procurement and disbursement of relief material received from all sources
- Organize construction of temporary shelters, school buildings, medical facilities etc.
- Maintenance of cash and disbursements receipts, issue of relief materials, T.A & D.A of relief duty staff, daily wages, cash and credit vouchers, gratuitous and compensation paid, etc.
- Issuing of all cash and material receipts
- Reimbursement of all expenses approved
- Issue of cash vouchers for petrol and diesel

Resource Desk

This desk shall be handled by the respective department as per the ESF Plan **Annexure 26**

3.5 DIFFERENT LEVEL STAKEHOLDERS AND THEIR RESPONSES

TABLE 18: DIFFERENT LEVEL STAKEHOLDERS

	Primary	Secondary	Territory
Early Warning	Indian Meteorological Department (IMD): Weather Warnings, Central Water Commission (CWC): Flood Warnings, Geological Survey of India (GSI)/ National Centre for Earth Science Studies (NCESS): Landslide Warnings, Indian National Centre for Ocean Information Services	District Emergency Operations Centre (DEOC)/ District Collector: Events without precursors such as accidents/earthquakes, Revenue	Fisheries, Coast Guard, Police,

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	(INCOIS)/ National Centre for Earth Science Studies (NCESS): Wave Height & Tsunami, National Emergency Operations Centre (NEOC)/ State Emergency Operations Centre (SEOC): Any of the above, Government: Any of the above		
Information Dissemination	PRD, BSNL, SEOC	FM radio, other mobile Network Providers	Existing wireless operators(Police, Fire Force etc).
Emergency Support Functions	Refer to Annexure 26	PWD, Food & civil supplies	Animal Husbandry, KSEB, KWA
Advisory & Training	Administrative Training Institutes (ATI)	Taluk, NGO	Chemical Industries

3.6 POINT OF CONTACTS FOR VARIOUS DEPARTMENTS

TABLE 19: POINT OF CONTACTS FOR VARIOUS DEPARTMENTS

Departments	Officer in charge(Designation) and their Contact Details
Revenue Department	N Prasanth, I.A.S, District Collector 04595-2371400 , 9447171400
Fire & Rescue	Arun Bhasker, Additional Divisional Office 0495-2321654
Police	Commissioner of Police (City) - 0495 - 2722911 Supdt. of Police (Rural) Vatakara - 0496 - 2523100

3.7 CRISIS MANAGEMENT GROUP TO MITIGATE THE DISASTERS IN MINES

As per G.O (Rt) No.542/14/ID dated 26th May 2014, the State Government formed a State/District level crisis management groups in the state with respect to mitigation of disasters in mines for the State of Kerala.

The crisis management groups shall meet at least once in every year or as and when required to review the preparedness of various departments for crisis in mines and to conduct surprise visits at various mines and also publish annual report on the preparedness to handle the crisis.

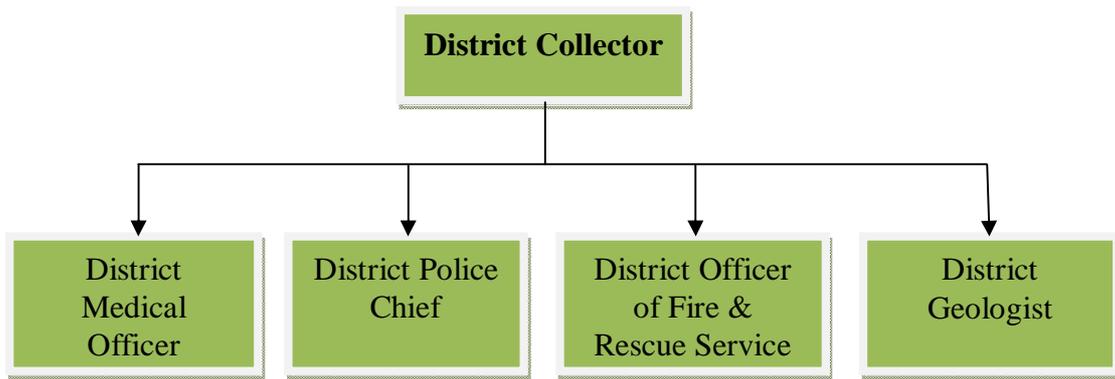


FIGURE 9: STRUCTURE OF CRISIS MANAGEMENT GROUP TO MITIGATE DISASTERS IN MINES

FINANCIAL ASSISTANCE

As per the National Disaster Management Act, 2005, various financial provisions are available at District level for implementation of the plan. Explore more about this section other than the assistance mentioned here.

4.1 FUNDS AVAILABLE AT STATE LEVEL

The Calamity Relief Funds which was in operation till March 2010 to meet the expenditure for providing immediate relief was merged in to State Disaster Response Fund vide notification G.O (P) No. 498/2010/DMD dated 03-12-2010 on the recommendation of 13th Finance Commission. The fund is maintained in the public account of the state for providing immediate relief. The State Government will also claim on the National Disaster Response Fund (previously NCCF) through memorandums for central assistance for relief and rehabilitation in the event of any calamity of a larger proportion.

4.2 FUNDS IN 13TH FINANCE COMMISSION

Government have sanctioned Rs.16,00,000 (sixteen lakhs only) for the procurement of essential equipment for strengthening/setting up of the emergency operations centre functioning in the district under the head of account of ‘2245-80-102-97’ capacity building in the administrative machinery for better handling of disaster response.

4.3 FUNDS ALLOCATED FOR CAPACITY BUILDING FOR DISASTER RESPONSE

(Year wise allocation of fund)

TABLE 20: STATE DISASTER RESPONSE FUND

	Year	2011 - 2012	2012 – 2013	2013 - 2014	2014 - 2015
Head of Account	Drought	1,500,000	35700000	125750411	42750000
	Flood	63058919	133650000	114171517	87550000

TABLE 21: CHIEF MINISTER RELIEF FUND

Amount given in CMDRF (2010 - 2014)					
Year	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015
Amount	1,08,42,160	1,77,46,962	3,70,97,037	6,06,45,485	75,00,000

Member of Parliament Local Area Development Scheme (MPLADS)

According to guidelines 2012 on MPLADs by Government of India (Ministry of Statistics and Programme Implementation) (2.6 & 2.7) MPLADS works can also be implemented in the areas prone to or affected by the calamities like floods, cyclone, Tsunami, earthquake, hailstorm, avalanche, cloud burst and pest attack, landslides, tornado, drought, fire, chemical, biological and radiological hazards. Lok Sabha MPs from the non-affected areas of the State can also recommend permissible works up to a maximum of Rs.10 lakh per annum in the affected area(s) in that State.

During 2013 – 2014 period rupees 10 lakhs was issued to Uttarakhand from MPLADS fund (Mullapally Ramachandran).

PLANNING & RESPONSE STRUCTURE

5.1 CRISIS MANAGEMENT FRAME WORK (HAZARD SPECIFIC)

An effective response is the result of a comprehensive crisis management program that orchestrates well developed decision-making framework that rightly aligns various incident and site-level response activities. The ability to manage a crisis successfully is the result of understanding the risks and vulnerabilities involved, comprehensive planning, regular exercises, and a strategy for maintaining these capabilities to deal disasters regardless of type, location and intricacy.

5.2 RESPONSE MATRIX (HAZARD SPECIFIC)

For effective response, multiple needs must be met in a coordinated manner in short time frames. Thus, in an acute response situation, different agencies must coalesce into a matrix of linked actions that function smoothly across horizontal and vertical chains of command system regardless of department specific infrastructure, culture, area of expertise, and responsibilities.

Ultimately, the response matrix and all of its components must work in a coordinated manner toward mitigating the impacts of disasters on the public and on affected elements of the physical infrastructure.

TABLE 22: RESPONSE MATRIX

Response	Transport	Early warning Centers	PWD	Drinking Water & Water Supply	Search & rescue
Normal	Nil	Monitoring weather	Repair & maintenance	Nil	Preparedness stage
Prepare & update resource inventory					
Warning	Inform all resources and alert Road safety	Giving early warning	Undertake emergency repairs/shoring measures Determine routes for mobilization of resources Secure tools and equipments in safe locations, pre-position if needed Establish emergency communication network (inter/intra department)		Maintain line of communication as per the protocol Mobilize response teams to hazard prone locations based on the warning information <input type="checkbox"/> Coordinate with the State Disaster Information Centre (State EoC) <input type="checkbox"/> Facilitate evacuation orders, enforce / monitor process through Police

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Track developments in regard to specific hazards					
Emergency (Fill Responses)	<p>Arrange vehicles for transport of people and relief supplies, navigation aid</p>	<p>Translate department action based on rainfall forecast and flood information</p> <ul style="list-style-type: none"> <input type="checkbox"/> Activate response plan on the basis of the flood bulletin <p>Ensure safety of embankments, take immediate protection measures to prevent breach</p>	<p>To support the shelters where victims can be accommodated.</p>	<p>To supply water to victims.</p>	<p>To establish the search and rescue service when and where ever necessary.</p>
Recovery (Fill Responses under Recovery Stage)	<p>Provide recovery support to line agencies</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assess damage to transport infrastructure <input type="checkbox"/> Coordinating the reinstatement of transport services and infrastructure. <p>Facilitate movement of emergency medical supplies and first responders to affected site</p>	<p>Undertake possible interventions to minimize further damage</p> <ul style="list-style-type: none"> <input type="checkbox"/> Undertake emergency and long term flood protection works, embankments 	<p>To provide shelters and accommodation to victims.</p>	<p>To supply water to victims.</p>	<p>Dispatch response teams to the affected areas</p> <ul style="list-style-type: none"> <input type="checkbox"/> Provide resource support to conduct Search & Rescue Operations <input type="checkbox"/> Maintain law and order at all times <input type="checkbox"/> Relay information through emergency communication lines <input type="checkbox"/> Provide support to Fire & Emergency Services to undertake swift actions <input type="checkbox"/> Relay information to agencies at State Level in case of external support <p>Recovery & Rehabilitation</p> <ul style="list-style-type: none"> <input type="checkbox"/> Assist administration in supply and distribution, maintaining law and order in the State <input type="checkbox"/> Ensure smooth functioning of recovery and rehabilitation efforts

TABLE 23: ACTIVITY CALENDAR

	Pre monsoon	During monsoon	Post monsoon
Health	<p>Health Department has organized a rapid response team (RRT) .This team has a nodal officer at the head of District medical officer. This team also acts as disaster management team with necessary experts.</p> <p>RRT mainly deals with communicable disease out breaks. The team has formulated an action plan for containing the communicable disease out breaks problems.</p>	<p>Regular monitoring and timely intervention has been planned accordingly.</p>	<p>Evaluation and assessment of the problems and formulation of new plans for the future.</p>
Transport			
Irrigation	<ol style="list-style-type: none"> 1. Briefing of action plan for the calendar year in flood damages and anti-sea erosion work among officers 2. Appraisal of urgency of works to be included in the action plan 3. Identification of vulnerable reaches of sea cost, Erosion of river banks and breaches in canals. 4. Preparation of DPR for mitigation of damages due to severe action of monsoon to sea walls constructed, erosion and damages caused to the properties on sea coast and river banks 5. Inspection of assets like constructed side wall protection works, regulation structures in the river courses. 6. All shutter of VCB/SWE are removed for easy flow of rain water 7. All thodus and canals under Minor irrigation dept. are to 	<ol style="list-style-type: none"> 1. Monitoring of sea attacks in various beaches of our jurisdiction, Flood damages on the bank of the various rivers of our jurisdiction. 2. Inspection and reporting of natural calamities in the sea cost, river banks and canal in weekend report to the higher authorities. 3. Arrangement of emergency works in the sea coast, river banks and canals 4. Periodic inspection of all VCB/SWE under Minor irrigation 	<ol style="list-style-type: none"> 1. Arrangement of repair works of the existing sea walls and execution of the work. 2. Reporting the progress of work to the higher authorities 3. Proposal of damages of works is reported to the higher authorities to include in the coming budget. 4. All structure are to be inspected and if any damages are found out in the structures necessary action actions needs to be taken for rectifying the damages.

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	<p>be inspected and thus ensure the free flow of rain water</p> <p>8. Remove all temporary dams constructed by minor irrigation</p>		
PWD	<p>1. Proposal for provision of covering slab at damaged portion of drain are to be submitted to the District Collector in Disaster Management Cell for availing funds.</p>	<p>1. Removal of slipped earth on the highway and cleaning access</p> <p>2. Provision of temporary protection like staking sand bags, provision of cautionary and informatory signboards etc. At breached portions.</p> <p>3. Temporary restoration of road surface by pot holes filling berms filling etc.</p>	<p>1. Permanent restoration of road surface damaged retaining wall etc. Subject to the availability of funds.</p>
Revenue	<p>To arrange meeting on pre monsoon preparation with various line dept.</p> <p>To inform nodal officers of various departments in the vulnerable areas about preparedness</p> <p>To Collect data regarding rehabilitation purpose. (school, relief camps, shelter)</p> <p>To open control room</p>	<p>Fund distribution Information dissemination Camp management</p>	<p>Shelter management</p> <p>Documentation of data involved in relief activities such as facilities to victims, etc.</p>
Agriculture	<p>1. Meeting of all field level officers will be convened to give messages to be alert on occurrence of natural calamities and consequent crop damages and also outbreak of pests and diseases. They will be given directions to constantly watch weather forecast given through media and internet.</p> <p>2. Multi Disciplinary Diagnostic Team (MDD Team) will be constituted to identify pest and disease outbreaks and recommend remedy measures. Scientists from research stations, KAU, and Krishi Vignan</p>	<p>1. Field staff will be alerted to be on constant vigil on occurrence of crop damages due to natural calamities and sudden pest and disease outbreaks. They will be asked to take emergency action to mitigate crop damages in case disaster occurs.</p> <p>2. In case of any crop damages happening due to natural calamities field staff will be deployed immediately to conduct field inspection and to assess damages.</p> <p>3. Application for compensation will be collected from the victims,</p>	<p>1. If any crop loss occur due to natural calamities, compensation will be paid to the victims provided funds are received from the Government</p>

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

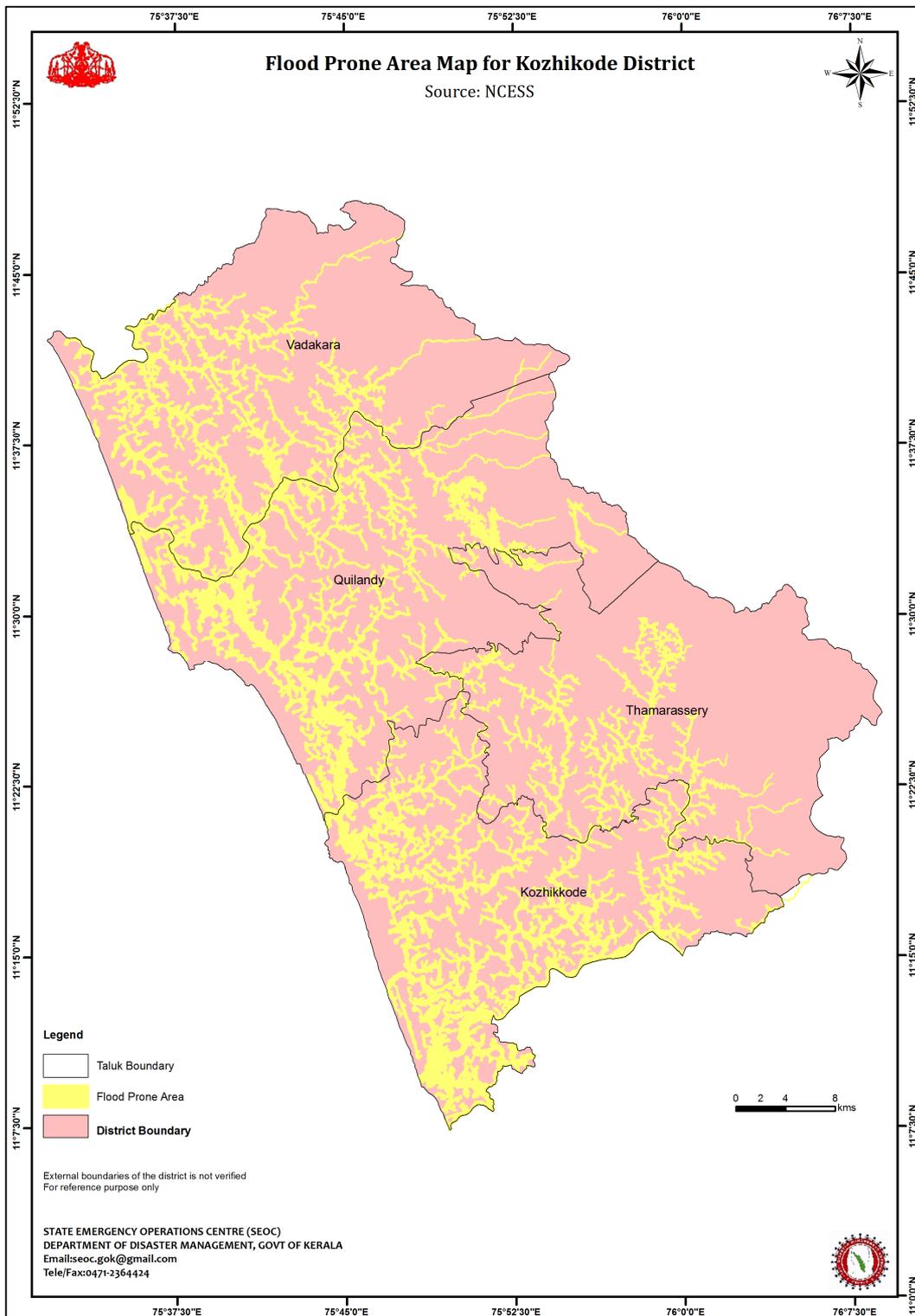
	<p>Kendra and selected officers in the department holding PG/PhD in Plant pathology and Entomology will be members of this team.</p> <p>3. The vehicles including scooters and jeeps will be made ready for urgent field operations. Repair and servicing of all vehicles will be done.</p> <p>4. Repair of telephones and internet connections will be done to facilitate easy communications in case of disasters.</p> <p>5. Messages will be given to farmers to take precautions like propping of banana plants, cleaning of field drainage channels etc in order to minimize crop damages due to floods and cyclone.</p> <p>6. Discourage cropping which involves deep tillage in steep hilly tracts in landslide prone areas.</p> <p>7. Advice farmers to be vigilant on pest and disease occurrence in crops and to report immediately to the Krishi bhavans in order to take control measures during initial stage itself.</p>	<p>field verification will be conducted in a time bound manner and action will be taken to get sufficient fund allotted for payment of compensation.</p>	
IMD	<p>To submit daily report about the weather to revenue and other dept and giving early warning</p>	<p>To submit daily report about the weather to revenue and other depts.</p>	<p>To submit daily report about the weather to revenue and other depts.</p>
KWA	<ul style="list-style-type: none"> • Chlorination • Preventive maintenance of pumps, motors and electrical equipments • Rectification of leakages in pipe lines 	<ul style="list-style-type: none"> • Pre Chlorination and post Chlorination • Preventive maintenance of pumps, motors and electrical equipments • Rectification of leakages in pipe lines 	<ul style="list-style-type: none"> • Chlorination • Preventive maintenance of pumps, motors and electrical equipments • Rectification of leakages in pipe lines

5.3 NEED ANALYSIS FOR PRE AND POST DISASTER SCENARIOS

Hazard specific anticipated needs for pre and post disasters.

TABLE 24: NEED ANALYSIS FOR PRE AND POST FLOOD SCENARIOS

Anticipated Needs Pre- Flood		Anticipated Needs Post – Flood	
Sl. No	Structural	Non – Structural	Rescue
1	Clearance of water ways	Public awareness campaigns	Boats
2	Removal of encroachments	Monitoring & updating flood related parameters	Vehicles
3	Cleaning of Sewerage	Sand bags	Helicopters
4	Repairing damaged roads	Dewatering Pumps	Rescue equipments
5	Construct Water Harvesting System	Update Resource Inventories	Human resources
6	Construction of bunds, canals etc	Procurement of locally available boats	Mobile Clinics
7	Maintenance and repair of Sluice gates and spill way of reservoirs	Collect details of earth movers, cutters, JCB's and other related machineries in the District	Life saving equipments
8		Generators	
		Storage of medicine	
		Mobilize the Search & Rescue Equipment.	



**FIGURE 10: FLOOD PRONE AREA MAP OF KOZHIKODE DISTRICT
(ANNEXURE 20)**

TABLE 25: NEED ANALYSIS FOR PRE AND POST LANDSLIDE SCENARIOS

Anticipated Needs Pre- Landslide		Anticipated Needs Post – landslide	
Structural	Non – Structural	Rescue	Relief
Improving surface and subsurface drainage	Identify the landslide prone areas in the district and have a close monitoring during the monsoon season	JCB ,Crain	Food
Constructing piles and Retaining wall.	Monitoring & updating landslide related parameters	Vehicles ambulance	Shelter
Preserving vegetation	Public awareness campaigns	Rescue equipments	Financial aid
Rock fall protection	Update resource inventory	Human resources	Cooked food
Boulder-gathering trenches at the foot of the hillside	Collect details of earth movers, cutters, JCB's and other related machineries in the district	Mobile clinics	Safe drinking water
Lowering the slope	Storage of medicine	Life saving equipments	Electricity
	Disseminate landslide hazard mapping information to stakeholders		Medicines/ Vaccination
	At selected locations demonstrate mitigation actions through use of local resources / cost effective measures.		

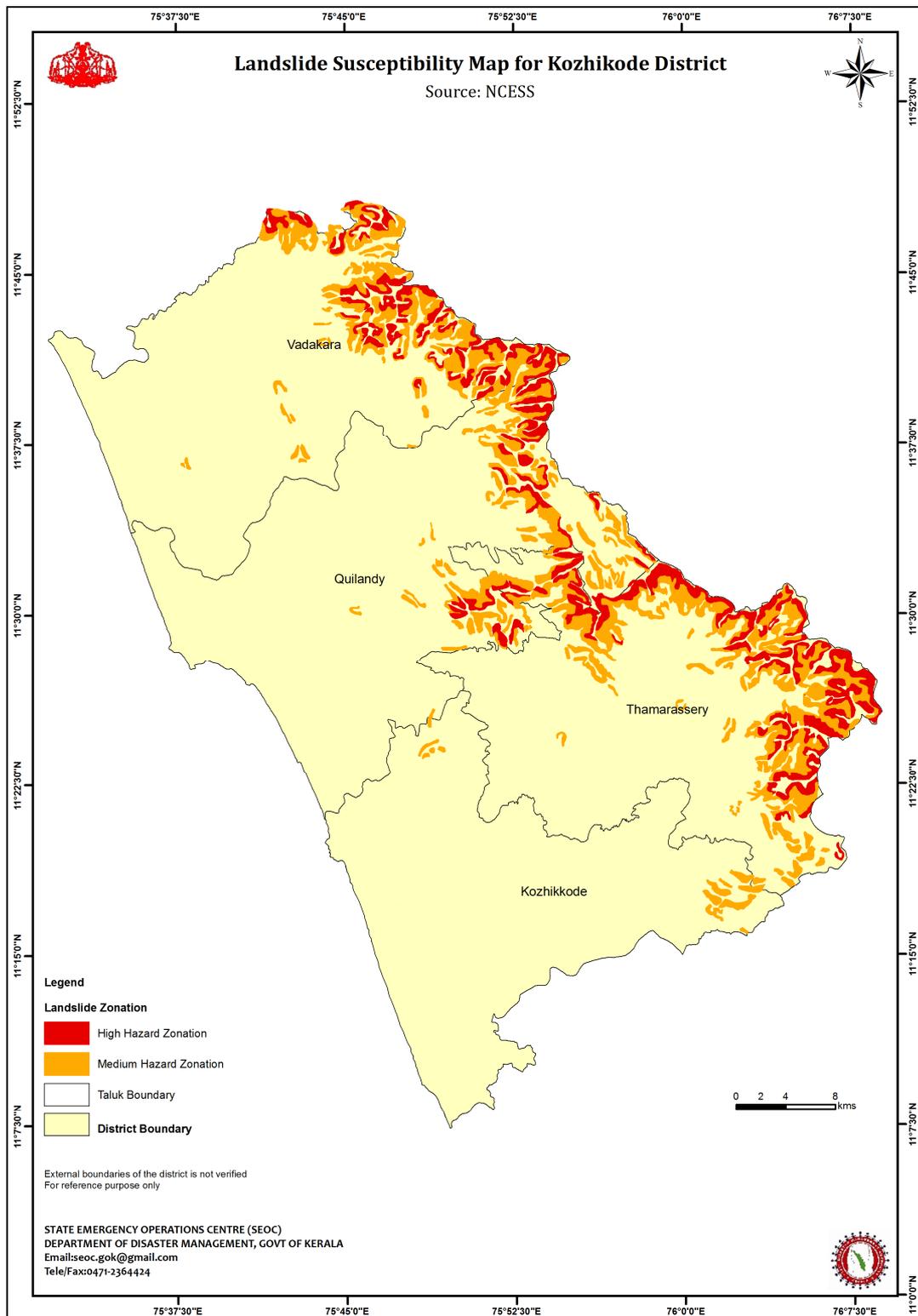


FIGURE 11: LANDSLIDE PRONE AREA MAP OF KOZHIKODE DISTRICT (ANNEXURE 20)

TABLE 26: NEED ANALYSIS FOR PRE AND POST EARTHQUAKE SCENARIOS

Anticipated Needs Pre- Earthquake			Anticipated Needs Post – Earthquake	
Sl. No	Structural	Non – Structural	Rescue	Relief
1	Construction of Earthquake resistant buildings	To disseminate earthquake risk to general public residing in earthquake prone zones Campaign for earthquake safety tips	Search Equipments	Food
2	Strengthen dams, bridges	Update Resource Inventories	Vehicles	Shelter, Clothing
3	Analysis of historical seismic data and regional geology can guide people, including architects, builders, and engineers to build safer structures.	Collect details of earth movers, cutters, JCB's and other related machineries in the District	Helicopters	Financial aid
4	Earthquake safe designs and building codes for public construction.	Storage of medicine	Rescue equipments	Cooked food
5	Seismic strengthening, retrofitting of non-engineered structures.	Mobilize the Search & Rescue Equipments	Human resources	Safe Drinking Water
6	Identification and removal of unsafe buildings/structures	GIS based mapping of population vulnerability	Medicines, Mobile Clinics	Electricity, Communication System
7	To provide or make seismic microzonation maps	Planning logistics for response scenarios, planning of evacuation routes	Life saving equipments	Medicines/ Vaccination
8		Seismic risk assessment and mapping of seismic zones.	Earth movers, Cutters, JCB's and other related machineries	
9		Provide professional training about earthquake resistance construction to engineers and architects		

TABLE 27: HISTORY OF TREMORS IN THE DISTRICT

Sl.No	Location	Intensity	Magnitude	Year
1	Thamarassery	III		1828
2	Thamarassery	IV	3.7	1858
3	Thamarassery	III	<3	1858
4	Thamarassery	...	<3	1859
5	Kottuli_calicut	IV	4	1961
6	Kottuli_calicut	V	4	1964
7	Kozhikode Taluk		4.6	1972
8	Kottuli_calicut	...	Minor_Tremor	1984
9	Muduvana	III	3.5	2000
10	Quilandi	...	2.5	2005

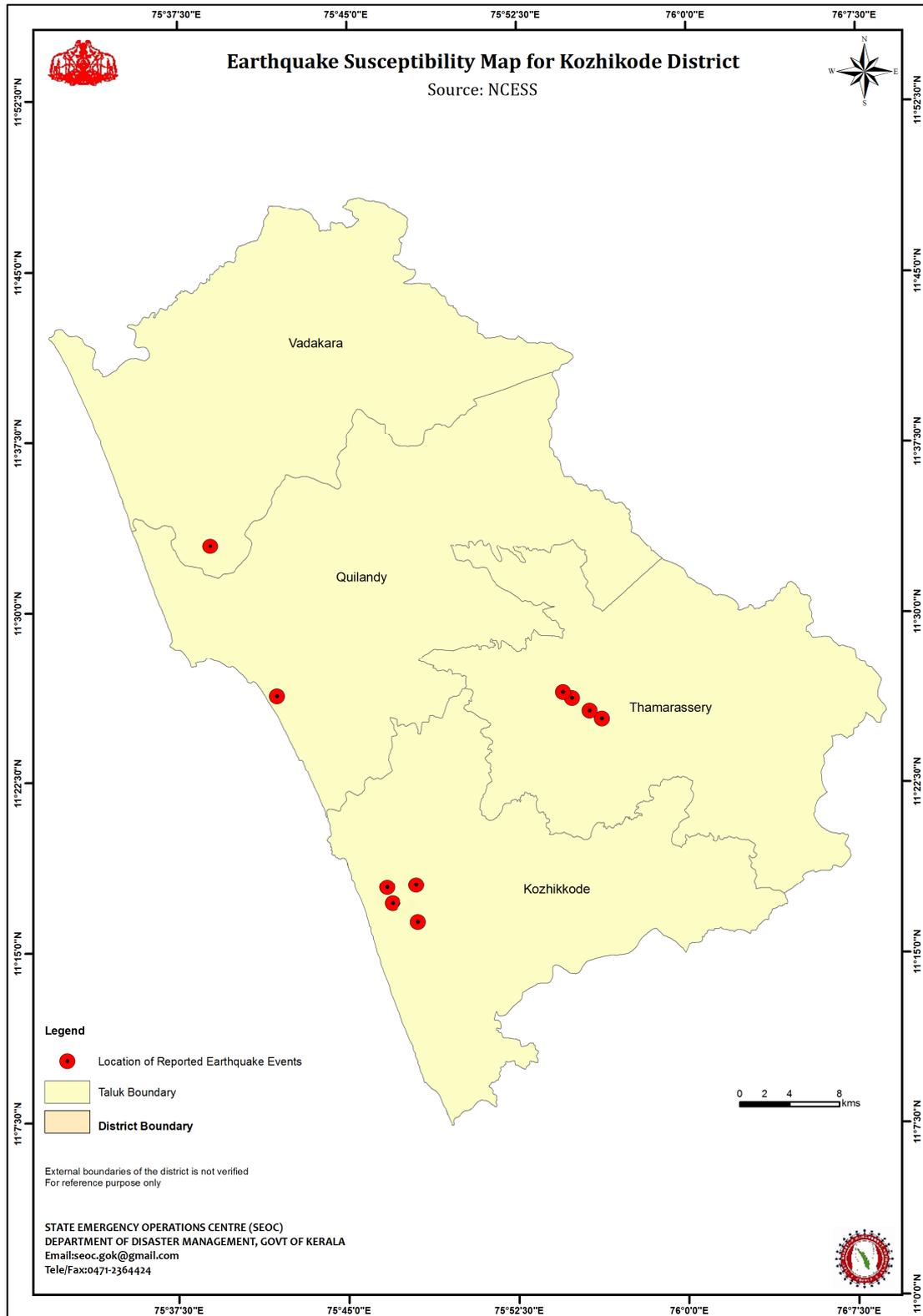


FIGURE 12: EARTHQUAKE SUCEPTIBILITY MAP OF KOZHIKODE DISTRICT

TABLE 28: NEED ANALYSIS FOR PRE AND POST LIGHTNING SCENARIOS

Anticipated needs Pre-Lightning			Anticipated needs Post-Lightning	
Sl. No.	Structural	Non –Structural	Rescue	Relief
1	Install lightning rod during the time of building construction	Public awareness campaigns	Human resources	Medicines/ Vaccination
2		Update Resource Inventories	Mobile Clinics	Financial aid

TABLE 29: NEED ANALYSIS FOR PRE AND POST DROUGHT SCENARIOS

Anticipated Needs Pre- Drought			Anticipated Needs Post – Drought	
Sl. No	Structural	Non – Structural	Rescue	Relief
1	Renovation of existing ponds and open wells	Public Awareness Campaigns	Human Resources	Drinking Water supply
2	Construction of check dams, cleaning and protection of existing water sources	Monitoring and updating drought related parameters	Mobile Clinics	Cooked food
3	Renovation of existing lift irrigation system	Update resource inventories		Medicines/ Vaccination
4	Forestation	Storage of medicines		Financial Aid
5	Promotion of Rainwater harvesting and soil conservation measures	Water supply		
6	Watershed Management Programmes	Encourage farmers to understand crop pattern to be adopted in their area		
7	Enactment and enforcement of laws regulating ground water level and exploitation of natural resources	Disseminate drought risk to general public residing in drought prone zones. Campaign for drought tips for agriculture, general public		Medicines/ Vaccination

5.4 RESPONSIBILITY MATRIX

The peril of hazard has to be negated with appropriate observation and focused activities, which necessitate the need of an ever vigilant forecasting system that will help in managing the disastrous effect of a hazard.

The structural frame work starts with identifying, evaluating and assigning well defined roles and responsibilities of various authorities in managing disasters. Experiences with previous disasters make it clear, that authorities have to be sensitized prior and subsequent to an unturned event. Thus, coordination among stakeholders for effective management of disasters is essential and to ensure this, pre planning must be done before the onset of a disaster and specific task must be assigned to each department so as to provide training in the specific areas.

TABLE 30: RESPONSIBILITY MATRIX

Time	Task	Department/ Agency
D-72 Hr	Preparedness/Mitigation	Revenue, PWD, Health, Port, Irrigation
D-48 Hr	Early warning/communication, information dissemination	IMD, BSNL, SEOC, Revenue, Health, NGO
D-24Hr	Emergency warning, rehabilitation, relief	Revenue, Health, NGO
D0 Hr	Emergency, search & rescue	Police, Fire
D+15 Min	Search & rescue/evacuation	Police, Fire, NCC, NYK, Local body, NGO

5.5 RECONSTRUCTION, REHABILITATION & RECOVERY MEASURES

DDMP would describe the strategy to restore normalcy to the lives and livelihoods of the affected population. Short-term reconstruction requires return of vital life support systems to minimum operating standards while long term rehabilitation will continue till complete re-development of the area takes place.

TABLE 31: RECONSTRUCTION & REPAIR WORKS

Sl. No	Task	Department / agencies	Activities	Time Period	Cost	Source of Fund
1	Mitigation/ Preparedness	PWD	Repair & Restoration of roads and bridges	2011 - 2014	260792404	SDRF

Standard Operating Procedures of various departments as **Annexure 25**

Checklists & Proforma **Annexure 25**

5.5 EMERGENCY SUPPORT FUNCTIONS PLAN, 2014

In the aftermath of a major natural disaster wherein State Government's assistance is required for the districts, the command, control and coordination will be carried out under the ESFs Plan.

EOC shall activate the ESFs and the concerned Department/Agency of each ESFs shall identify requirements in consultation with their counterparts in affected districts, mobilize and deploy resources to the affected areas to assist the district (s) in its/their response action. The State EOC shall maintain a close link with the District EOCs and NEOC.

ESFs shall be responsible for the following:

1. They will coordinate directly with their functional counterpart in districts to provide the state government, the assistance required. Request for assistance will be channelled from the district both through the District Incident Commander/DEOC and designated departments/agencies. Based on the identified requirements by the districts, appropriate assistance shall be provided by an ESF Department/Agency to the district or at the District Incident Commander's request, directly to an affected area.
2. The designated authorities for each of ESF shall constitute quick response teams and assign the specific task to each of the member.
3. The designated authorities for each of the ESF shall identify and earmark the resources i.e. Manpower and materials to be mobilized during the crisis.
4. An inventory of all the resources with the details shall be maintained by each of the designated authority for each of the ESF.
5. The designated authority for each of the ESF will also enter into pre-contracts for the supply of resources, both goods and services to meet the emergency requirements
6. The designated authority for each of the ESF will be delegated with adequate administrative, legal and financial powers for undertaking the tasks assigned to them.

Primary and Secondary Agencies: The designated primary agency shall be assisted by one or more support agencies (secondary agencies) and shall be responsible for managing the activities of the ESF and assisting the district in the rescue and relief activities and ensuring that the mission is accomplished. The primary and secondary agencies have the authority to execute response operations to directly support the needs of the affected districts.

Roles and responsibilities of primary and secondary Emergency Support Agencies along with Form/Proforma are attached in Annexure 26.

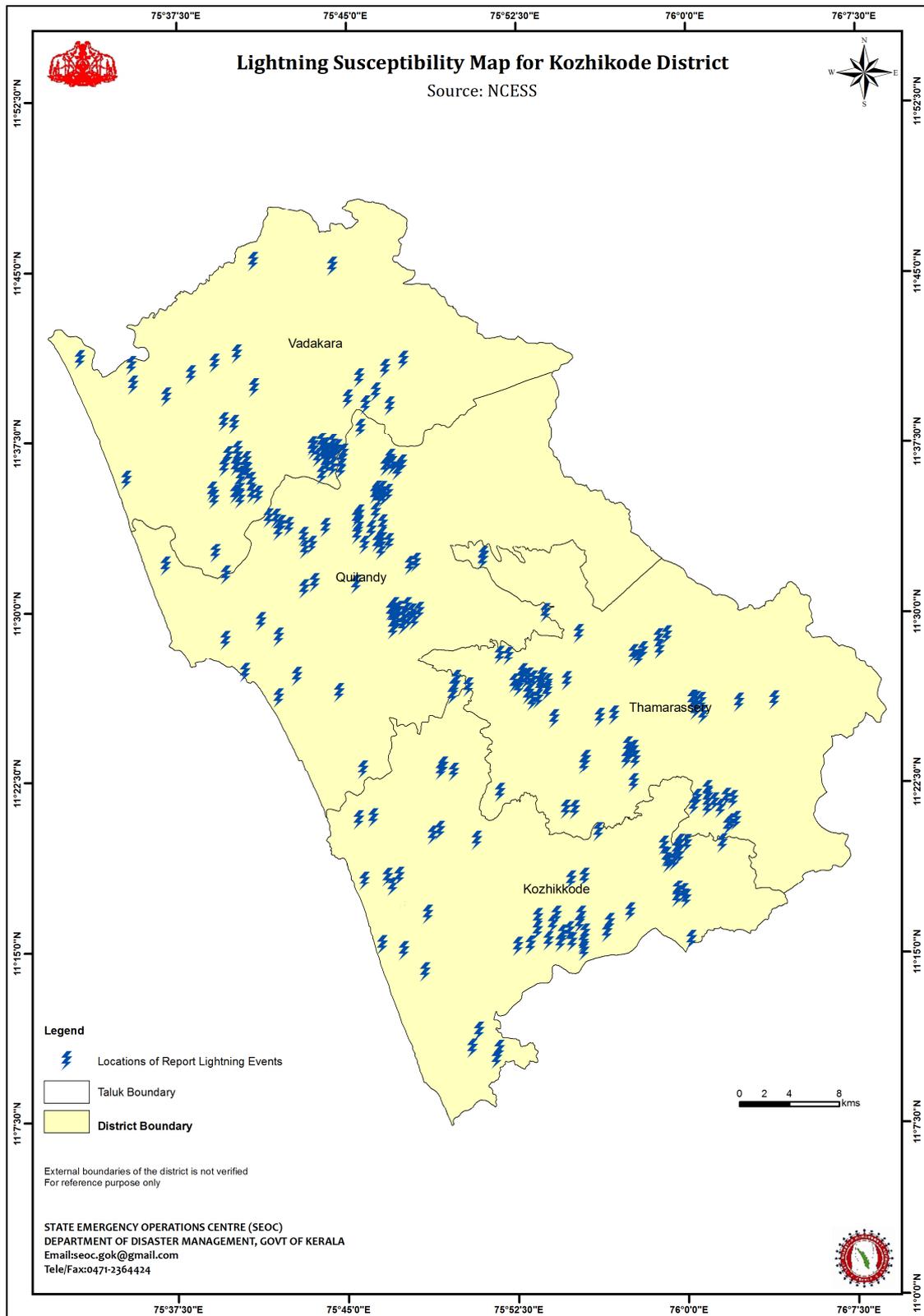
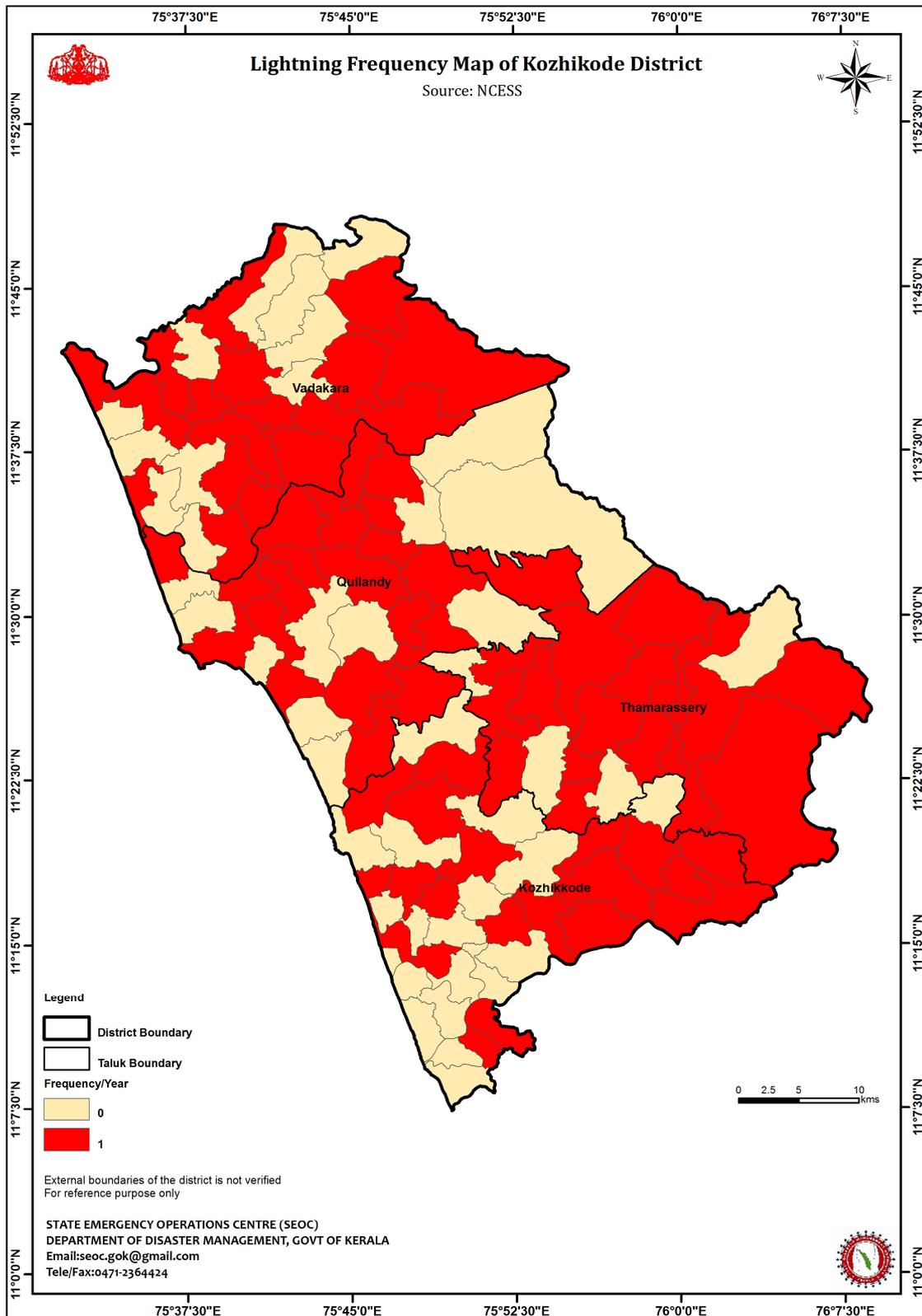
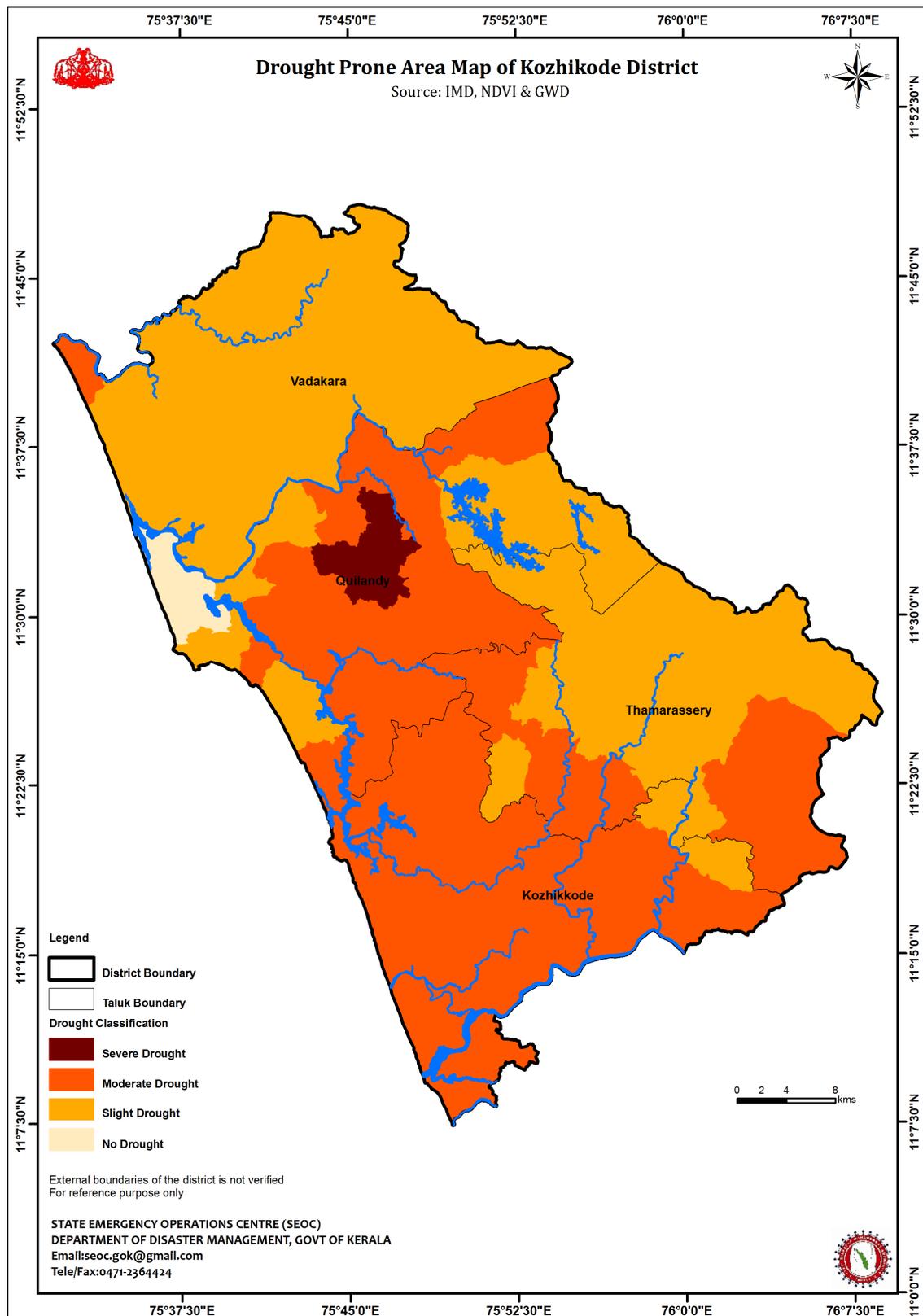


FIGURE 13: LIGHTNING SUSCEPTIBILITY MAP OF KOZHIKODE DISTRICT (ANNEXURE 22)



**FIGURE 14: LIGHTNING FREQUENCY MAP OF KOZHIKODE DISTRICT
(ANNEXURE 23)**



**FIGURE 15: DROUGHT PRONE AREA MAP OF KOZHIKODE DISTRICT
(DROUGHT 24)**

DISTRICT DISASTER MANAGEMENT PLAN
KOZHIKODE – ANNEXURES
2015

ANNEXURE 1

ADMINISTRATIVE DIVISIONS OF THE DISTRICT

Taluk	Blocks		Municipalities
Kozhikode	Vadakara	Balusseri	Vadakara
Vadakara	Thuneri	Pandalayani	Koyilandy
Koyilandy	Kunnummal	Chelannure	
Thamarassery	Thodannoor	Koduvally	
	Melady	Kunnamangalam	
	Perambra	Kozhikode	

PHONE NUMBER OF VILLAGE OFFICERS IN KOZHIKODE TALUK

PHONE NUMBER OF VILLAGE OFFICERS IN KOZHIKODE TALUK (0495-2372966)			
1	Beyepore	2415500	8547616106
2	Chathamangalam	2800973	8547616127
3	Chelavur	2263191	8547616117
4	Chelannur	2358826	8547616120
5	Cheruvannur	2483505	8547616105
6	Chevayur	2371403	8547616119
7	Elathur	2461190	8547616114
8	Feroke	2483828	8547616103
9	Kachery	2384130	8547616110
10	Kadalundi	2471250	8547616104
11	Kakkad	2295105	8547616133
12	Kakkor	2263180	8547616147
13	Kakkodi	2268038	8547616116
14	Karuvanthiruthi	2481796	8547616111
15	Kasaba	2723930	8547616109
16	Kodiyathur	2489123	8547616132
17	Kottulli	2743700	8547616123
18	Kumaranallur	2296442	8547616131
19	Kunnamangalam	2804235	8547616126
20	Kuruvattur	2811242	8547616125
21	Kuttikkattor	2358362	8547616140
22	Madvoor	2244420	8547616151
23	Panniyankara	2322432	8547616107
24	Nagaram	2304622	8547616108
25	Ramannatukara	2443100	8547616102

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

26	Puthiyangadi	2392720	8547616113
27	Valayanad	2331872	8547616112
28	Nellikode	2356969	8547616121
29	Thalakkulathur	2852700	8547616115
30	Vengeri	2373421	8547616118
31	Olavanna	2433977	8547616122
32	Pantheerankave	2433988	8547616124
33	Perumanna	2433999	8547616138
34	Peruvayal	2490100	8547616137
35	Thazhekkode	2298068	8547616134
36	Nanminda	2855168	8547616148
37	Neeleswaram	2296856	8547616128
38	Poolakkode	2288282	8547616135
39	Mavoor	2883800	8547616136
PHONE NUMBER OF VILLAGE OFFICERS IN THAMARASSERY TALUK (04952223088)			
1	Koodaranji	2253053	8547616139
2	Thiruvambady	2252383	8547616129
3	Nellippoyil	2238100	8547616141
4	Koduvally	2214300	8547616142
5	Puthur	2281768	8547616143
6	Kizhakkoth	2214100	8547616144
7	Narikkuni	2244450	8547616145
8	Raroth	2224471	8547616146
9	Kedavoor	2225305	8547616154
10	Kodanchery	2237848	8547616130
11	Puduppadi	2232112	8547616149
12	Koodathai	2248080	8547616150
13	Kanthalad	2270161	8547616236
14	Vavad	2213600	8547616153
15	Eangapuzha	2235114	8547616152
16	Kinaloor	2642174	8547616238
17	Panangad	2641545	8547616227
18	Sivapuram	2649693	8547616234
19	Unnikulam	2646690	8547616235
20	Kattippara		9539557055
PHONE NUMBER OF VILLAGE OFFICERS IN KOYILANDY TALUK (0496 -262035)			
1	Iringal	2600181	8547616213
2	Payyoli	2603739	8547616209
3	Thikkodi	2603407	8547616207
4	Moodadi	2691367	8547616206
5	Viyyur	2630946	8547616205

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

6	Panthalayani	2621272	8547616204
7	Chengottukavu	2210255	8547616203
8	Chemancherry	2633396	8547616202
9	Thurayur	2470002	8547616208
10	Keezhariyur	2677279	8547616233
11	Arikkulam	2695865	8547616211
12	Kozhukkallur	2676019	8547616212
13	Atholy	2672226	8547616231
14	Ulliyeri	2210254	8547616230
15	Balussery	2706590	8547616232
16	Naduvannur	2651369	8547616229
17	Kottur	2658600	8547616217
18	Avittanallur	2657217	8547616225
19	Cheruvannur	2775320	8547616218
20	Meppayur	2676227	8547616221
21	Chakkittappara	2662686	8547616224
22	Chempanode	2666259	8547616222
23	Perambra	2663421	8547616219
24	Kayanna	2661072	8547616228
25	Koorachundu	2661191	8547616237
26	Koothaly	2612055	8547616226
27	Menhaniem	2676019	8547616223
28	Eravattur	2610178	8547616215
29	Nochad	2610297	8547616220
30	Palery	2668551	8547616204
31	Changaroath	2669134	8547616214
PHONE NUMBER OF VILLAGE OFFICERS IN VADAKARA TALUK (0496 -2522361)			
1	Ayancheri	4962590322	8547616312
2	Azhiyoor	4962500133	8547616302
3	Chekayad	4962573455	8547616317
4	Chorode	4962512423	8547616304
5	Edacheri	4962440750	8547616315
6	Eramala	4962548930	8547616305
7	Kavilumpara	4962564600	8547616321
8	Khazhakkudy	4962597763	8547616324
9	Kottappally	4962590321	8547616309
10	Kunnummel	4962560205	8547616325
11	Kuttiyadi	4962598209	8547616323
12	Maniyoor	4962537130	8547616308
13	Maruthonkara	4962565855	8547616322
14	Nadukkuthazha	4962522855	8547616307

15	Nadapuram	4962555499	8547616326
16	Naripatta	4962562309	8547616327
17	Onchiyam	4962501486	8547616303
18	Palayad	4962536710	8547616311
19	Purameri	4962200800	8547616320
20	Thuneri	4962200868	8547616316
21	Thinnur	4962467712	8547616329
22	Thiruvallur	4962590320	8547616310
23	Vadakara	4962512855	8547616306
24	Valayam	4962460492	8547616319
25	Vanimal	4962562268	8547616318
26	Velam	4962770109	8547616314
27	Vilangad	4962467760	8547616328
28	Villyappally	4962529161	8547616313

ANNEXURE 2

GEOGRAPHY & TOPOGRAPHY

Rivers	Reservoirs
Mahe	Kakkayam
Kuttiyadi (Murad)	Pevannamoozhi
Korappuzha	
Kallai	
Chaliyar	
Kadalundi	

ANNEXURE 3

LIST OF U P SCHOOLS WITH ADDRESS

LIST OF U P SCHOOLS WITH ADDRESS					
Sl. No.	Name of School	Address with Pincode	Name of Panchayat/Municipality/ Corporation	Block	Taluk
GOVERNMENT SCHOOLS					
1	Iruvallur UPS	Iruvallur - 673 616	Chelannur	Chelannur	Kozhikode
2	Padinhattummuri UPS	Kizhakkummuri - 673 611	Kakkodi	Chelannur	Kozhikode
3	Puthiyangadi MUPS	Puthiyangadi	Kozhikode (C)		Kozhikode
4	Westhill UPS	Westhill	Kozhikode (C)		Kozhikode
5	Kakkodi Panchayat UPS	Kakkodi	Kakkodi	Chelannur	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Chelannur UPS	Kakkur P.O	Chelannur	Chelannur	Kozhikode
2	Chevayur UPS	Chevayur	Kozhikode (C)		Kozhikode
3	Ichannur UPS	Kannankara - 676 616	Chelannur	Chelannur	Kozhikode
4	Kannankara Sreenarayana vilasam UPS	Kannankara - 673 616	Chelannur	Chelannur	Kozhikode
5	Karannur UPS	Eranhikkal	Kozhikode (C)		Kozhikode
6	Kiralur UPS	Kakkodi	Kakkodi	Chelannur	Kozhikode
7	Kottooli UPS	Kottooli - 673 016	Kozhikode (C)		Kozhikode
8	Kuthiravattam Ganapath UPS	Kuthiravattam	Kozhikode (C)		Kozhikode
9	Makkencheri UPS	Thalakupathur	Thalakupathur	Chelannur	Kozhikode
10	Marikkunnu Certified UPS	Marikkunnu	Kozhikode (C)		Kozhikode

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

11	Mathrubandu Vidyasala UPS	Kakkodi	Kakkodi	Chelannur	Kozhikode
12	Mayanad UPS	Mayanad	Kozhikode (C)		Kozhikode
13	Palath Janatha UPS	Palath	Chelannur	Chelannur	Kozhikode
14	Paroppady Cholappurath UPS	Marikkunnu	Kozhikode (C)		Kozhikode
15	Puthiyangadi BEMUPS	Puthiyangadi	Kozhikode (C)		Kozhikode
16	Puthur UPS	Puthiyangadi	Kozhikode (C)		Kozhikode
17	Thalakkulathur RAKMUPS	Thalalulathur - 673 317	Thalalulathur	Chelannur	Kozhikode
18	Vengeri UPS	Vengeri - 673 010	Kozhikode (C)		Kozhikode
19	Vijayalakshmi UPS	Annasseri - 673 617	Thalalulathur	Chelannur	Kozhikode
PRIVATE UNAIDED SCHOOLS					
1	Chevayur Savithri Devi Saboo Memorial EM School	Chevayur	Kozhikode (C)		Kozhikode
2	Kottooli Eden (EM) UPS	Kottooli	Kozhikode (C)		Kozhikode
3	WestHill Guardians's EM UPS	West hill	Kozhikode (C)		Kozhikode
GOVERNMENT SCHOOLS					
1	Bilathikulam UPS	Kozhikode - 673 005	Kozhikode (C)		Kozhikode
2	Chinthavalap UPS	Kozhikode - 673 004	Kozhikode (C)		Kozhikode
3	Civil Station UPS	Kozhikode - 673 020	Kozhikode (C)		Kozhikode
4	Kallai UPS	Kozhikode - 673 003	Kozhikode (C)		Kozhikode
5	Kandungal UPS	Kozhikode - 673 003	Kozhikode (C)		Kozhikode
6	Nadakkavu East UPS	Kozhikode - 673 006	Kozhikode (C)		Kozhikode
7	Panniyarkara UPS	Kozhikode - 673 003	Kozhikode (C)		Kozhikode
8	Pokkunnu GG UPS	Kozhikode - 673 013	Kozhikode (C)		Kozhikode
9	Thali UPS	Kozhikode - 673 002	Kozhikode (C)		Kozhikode
10	Thiruvannur UPS	Kozhikode - 673 029	Kozhikode (C)		Kozhikode
11	Vellayil FUPS	Kozhikode - 673 011	Kozhikode (C)		Kozhikode
12	Vellayil West UPS	Kozhikode - 673 032	Kozhikode (C)		Kozhikode

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

PRIVATE AIDED SCHOOLS					
1	Bilathikulam BEM UPS	Kozhikode - 673 005	Kozhikode (C)		Kozhikode
2	Govindapuram AUPS	Kozhikode - 673 016	Kozhikode (C)		Kozhikode
3	Kallai NMUPS	Kozhikode - 673 003	Kozhikode (C)		Kozhikode
4	Karaparamba Atma UPS	Kozhikode - 673 010	Kozhikode (C)		Kozhikode
5	Kozhikode St. Angels AUPS	Kozhikode - 673 032	Kozhikode (C)		Kozhikode
6	Kozhikode St. Antony's AUPS	Kozhikode - 673 032	Kozhikode (C)		Kozhikode
7	Malaparamba AUPS	Kozhikode - 673 009	Kozhikode (C)		Kozhikode
8	Mooriyad MIUPS	Kozhikode - 673 007	Kozhikode (C)		Kozhikode
9	Palat AUPS	kozhiikode -673 029	Kozhikode (C)		Kozhikode
10	Puthiyara BEM UPS	Kozhikode - 673 004	Kozhikode (C)		Kozhikode
PRIVATE UNAIDED SCHOOLS					
1	Chalappuram NSS EM School	Chalappuram	Kozhikode (C)		Kozhikode
2	Kinassery Yatheemkhana UPS	Pokkunnu.P.O	Kozhikode (C)		Kozhikode
GOVERNMENT SCHOOLS					
1	Kodel UPS	Pantheerankav - 673 019	Olavanna	Kozhikode	Kozhikode
2	Manakkad UPS	Cheruppa - 673 661	Mavoor	Kunnamangalam	Kozhikode
3	Mavoor MUPS	Mavoor - 673 661	Mavoor	Kunnamangalam	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Kachilat KCM AUPS	Nellicode - 673 016	Kozhikode (C)		Kozhikode
2	Kambliparamba AMUPS	Olavanna - 673 025	Olavanna	Kozhikode	Kozhikode
3	Kunnamkulangara AMUPS	Pantheerankav - 673 019	Olavanna	Kozhikode	Kozhikode
4	Pantheerankav AUPS	Pantheerankav - 673 019	Olavanna	Kozhikode	Kozhikode
5	Peruvayal St. Xaviers UPS	Peruvayal - 673 014	Peruvayal	Kunnamangalam	Kozhikode
6	Puthurmadam AUPS	Pantheerankav - 673 019	Perumanna	Kunnamangalam	Kozhikode
GOVERNMENT SCHOOLS					

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

1	Feroke Ganapath UPS	Feroke	Feroke	Kozhikode	Kozhikode
2	Feroke MUPS	Feroke	Feroke	Kozhikode	Kozhikode
3	Naduvattam UPS	Beypore	Kozhikode (C)		Kozhikode
4	Ramanattukara UPS	Ramanattukara	Ramanattukara	Kozhikode	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Cheruvannur LFUPS	Cheruvannur	Kozhikode (C)		Kozhikode
2	Feroke BEMUPS	Feroke	Feroke	Kozhikode	Kozhikode
3	Kadalundi Sreedevi AUPS	Kadalundi	Kadalundi	Kozhikode	Kozhikode
4	Karinkallai Ganapath AUPS	Farook College	Ramanattukara	Kozhikode	Kozhikode
5	Karuvanthuruthy BMO UPS	Karuvanthuruthy	Feroke	Kozhikode	Kozhikode
6	Kolathara AVSAUP School	Cheruvannur	Kozhikode (C)	Kozhikode	Kozhikode
7	Mannur Krishna AUPS	Mannur	Kadalundi	Kozhikode	Kozhikode
8	Mannur North AUPS	Mannur	Kadalundi	Kozhikode	Kozhikode
9	Nallalam AUPS	Nallalam	Kozhikode (C)	Kozhikode	Kozhikode
10	Nallur East AUPS	Perumugham	Feroke	Kozhikode	Kozhikode
11	Ramanattukara AEAUPS	Ramanattukara	Ramanattukara	Kozhikode	Kozhikode
12	Ramanattukara Ganapath AUPS	Ramanattukara	Ramanattukara	Kozhikode	Kozhikode
PRIVATE UNAIDED SCHOOLS					
1	Beypore NSS UPS	Beypore	Kozhikode (C)		Kozhikode
2	Chaliyam Haji PBMK UPS	Chaliyam	Kadalundi	Kozhikode	Kozhikode
3	Kadalundi MMJ UPS	Kadalundi	Kadalundi	Kozhikode	Kozhikode
4	IEMUP Thumpapadam	Feroke	Ramanattukara	Kozhikode	Kozhikode
A E O : - VADAKARA					
PRIVATE AIDED SCHOOLS					
1	Avikkal SB School	Vadakara beach. P.O. – 673103	Vadakara (M)		Vatakara
2	Cheenamvedu UPS	Puduppanam. P.O. - 673 105	Vadakara (M)		Vatakara
3	Chettiath UPS	Puduppanam. P.O. - 673 105	Vadakara (M)		Vatakara

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

4	Chorode KAM UPS	Chorode P.O. - 673 106	Chorode	Vatakara	Vatakara
5	Gujarathi SBS	Vadakara beach. P.O.	Vadakara (M)		Vatakara
6	Iringal SSUPS	Iringal. P.O. - 673 521	Payyoli	Melady	Vatakara
7	Karuvanchery UPS	Palayatnada. P.O. - 6 73 530	Maniyur	Thodannur	Vatakara
8	Maniyur UPS	Maniyur. P.O. - 673 523	Maniyur	Thodannur	Vatakara
9	Mannathkavu UPS	Pathiyarakkara. P.O. – 673111	Maniyur	Thodannur	Vatakara
10	Meppayil East SBS	Moppayil. P.O. - 673 109	Vadakara (M)		Vatakara
11	Meppayil SBS	Moppayil. P.O. - 673 109	Vadakara (M)		Vatakara
12	Muduvana UPS	Mudavana. P.O. - 673 523	Maniyur	Thodannur	Vatakara
13	Nadakkuthazha MUPS	Nadakkuthazha. P.O. – 673112	Vadakara (M)		Vatakara
14	Pulinholi SBS	Nut Street. P.O. - 673 104	Vadakara (M)		Vatakara
15	Puthuppanam North SBS	Puduppanam. P.O. - 673 105	Vadakara (M)		Vatakara
16	Puthuppanam SBS	Puduppanam. P.O. - 673 105	Vadakara (M)		Vatakara
17	Thazhakalari UPS	Iringal. P.O. - 673 521	Payyoli	Melady	Vatakara
18	Vadakara SGM SBS	Nut Street. P.O. - 673 104	Vadakara (M)		Vatakara
GOVERNMENT SCHOOLS					
1	Onchiyam UPS	Onchiyam. P.O. - 673 308	Onchiyam	Vatakara	Vatakara
PRIVATE AIDED SCHOOLS					
1	Azhiyur East UPS	Azhiyur. P.O. - 673 309	Azhiyur	Vatakara	Vatakara
2	Chombala BEM UPS	Chombala. P.O. - 673 308	Azhiyur	Vatakara	Vatakara
3	Edacheri North UPS	Edacheri North. P.O. – 673520	Edacheri	Thuneri	Vatakara
4	Eramala UPS	Eramala. P.O. - 673 501	Eramala	Vatakara	Vatakara
5	Kallamala UPS	Chombala. P.O. - 673 308	Azhiyur	Vatakara	Vatakara
6	Kurikkilad UPS	Kurikkilad. P.O. - 673 104	Chorode	Vatakara	Vatakara
7	Muthuvadathur MUPS	Purameri. P.O. 673 503	Purameri	Thuneri	Vatakara
8	Muttungal South UPS	Muttungal West. P.O. – 673106	Chorode	Vatakara	Vatakara
9	Narikkunnu UPS	Edacheri North. P.O. – 673502	Edacheri	Thuneri	Vatakara

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

10	Orkkatteri MUPS	Orkkatteri. P.O. - 673 501	Eramala	Vatakara	Vatakara
11	Orkkatteri North UPS	Orkkatteri. P.O. - 673 501	Eramala	Vatakara	Vatakara
12	Panademmal MUPS	Koroth Road. P.O. - 673 309	Azhियur	Vatakara	Vatakara
13	Thattolikkara UPS	Chombala. P.O. - 673 308	Eramala	Vatakara	Vatakara
14	Vaikkilassery UPS	Vaikkilassery. P.O. - 673 104	Chorode	Vatakara	Vatakara
15	Varissiakkuni UPS	Muttumgal. P.O. - 673 110	Chorode	Vatakara	Vatakara
GOVERNMENT SCHOOLS					
1	Cherukunnu UPS	Velom. P.O., Via Kuttiady	Velom	Kunnummal	Vadakara
2	Kunduthode UPS	Kunduthode. P.O. Via Kavilumpara	Kavilumpara	Kunnummal	Vadakara
3	Vattoli UPS	Kunnummal, Vattoli. P.O., Via Kakkattil	Kunnummal	Kunnummal	Vadakara
PRIVATE AIDED SCHOOLS					
1	Adukkath MAM UPS	Adukkath. P.O. Via Kuttiady	Maruthonkara	Kunnummal	Vadakara
2	Changarakulam UPS	Kayakkodi. P.O., Via Kuttiady	Kayakkodi	Kunnummal	Vadakara
3	Changaroath HF UPS	Changaroath. P.O., Via Peruvannamuzhi	Changaroath	Perambra	Koyilandi
4	Changaroath M UPS	Avadukka. P.O. Via Peruvannamuzhi	Changaroath	Perambra	Koyilandi
5	Cheekkonnu UPS	Cheekkonnummal. P.O., Via Kakkattil	Narippatta	Kunnummal	Vadakara
6	Cherapuram UPS	Cherapuram. P.O. , Via Kakkattil	Velom	Kunnummal	Vadakara
7	Deverkovil M UPS	Thaliyil. P.O., Via Kuttiady	Kayakkodi	Kunnummal	Vadakara
8	Kayakkodi AM UPS	Kayakkodi. P.O., Via Kuttiady	Kayakkodi	Kunnummal	Vadakara
9	Kuttiady MI UPS	Kuttiady. P.O.	Kuttiady	Kunnummal	Vadakara
10	Naduppoyil UPS	Vatayam. P.O. via Kuttiady	Kuttiady	Kunnummal	Vadakara
11	Narippatta UPS	Narippatta. P.O., Via Kallachi	Narippatta	Kunnummal	Vadakara
12	Passukkadavu LF UPS	Passukkadavu. P.O., Via Kavilumpara	Maruthonkara	Kunnummal	Vadakara

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

13	Pathiripatta UPS	Pathirippatta. P.O., Via Kakkattil	Kunnummal	Kunnummal	Vadakara
GOVERNMENT SCHOOLS					
1	Kizhoor UPS	Kizhur. P.O. - 673 522	Payyoli	Melady	Koyilandi
2	Melady SNBM UP	Melady. P.O. - 673 522	Payyoli	Melady	Koyilandi
3	Thurayur UPS	Payyoli. P.O. - 673 522	Thurayur	Melady	Koyilandi
PRIVATE AIDED SCHOOLS					
1	Avala UPS	Avala. P.O. - 673 524	Cheruvannur	Perambra	Koyilandi
2	Ayanikkad West UPS	Ayanikkad. P.O. - 673 521	Payyoli	Melady	Koyilandi
3	Ayyappankav UPS	Ayanikkad. P.O. - 673 521	Payyoli	Melady	Koyilandi
4	Iringath UPS	Iringath. P.O. - 673 523	Thurayur	Melady	Koyilandi
5	Kamoth UPS	Keezhariyur. P.O. - 673 324	Keezhariyur	Melady	Koyilandi
6	Keezhpayur UPS	Keezhpayur. P.O. - 673 524	Meppayur	Melady	Koyilandi
7	Kizhur UPS	Kizhur. P.O. - 673 522	Payyoli	Melady	Koyilandi
8	Kozhukkallor KGMS UPS	Kozhukkallur. P.O. - 673 524	Meppayur	Melady	Koyilandi
9	Kozhukkallur BK Nair UPS	Kozhukkallur. P.O. - 673 524	Meppayur	Melady	Koyilandi
10	Mayipboth MUPS	Mayipboth. P.O. - 673 524	Cheruvannur	Perambra	Koyilandi
11	Moodadi Gokhale UPS	Moodadi. P.O. - 673 307	Moodadi	Panthalayini	Koyilandi
12	Muchukunnu North UPS	Muchukunnu. P.O. - 673 307	Moodadi	Panthalayini	Koyilandi
13	Muchukunnu UPS	Muchukunnu. P.O. - 673 307	Moodadi	Panthalayini	Koyilandi
14	Naduvathur UPS	Naduvathur. P.O. - 673 330	Keezhariyur	Melady	Koyilandi
15	Nambrathkara UPS	Naduvathur. P.O. - 673 330	Keezhariyur	Melady	Koyilandi
16	Trikkottur UPS	Thikkoti. P.O. - 673 529	Thikkoti	Melady	Koyilandi
17	Vanmugham Kodikkal MUPS	Thikkoti. P.O. - 673 531	Moodadi	Panthalayini	Koyilandi
18	Veemangalam UPS	Moodadi. P.O. - 673 307	Moodadi	Panthalayini	Koyilandi
19	Vilayattur Elampilad MUPS	Meppayur. P.O. - 673 524	Meppayur	Melady	Koyilandi
GOVERNMENT SCHOOLS					

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1	Kallachi GUPS	Kallachi. P.O., 673 506	Nadapuram	Kunnummal	Vadakara
2	Nadapuram GUPS	Nadapuram. P.O.,- 673 504	Nadapuram	Kunnummal	Vadakara
3	Parakkadavu GMUPS	Parakkadavu. P.O., - 673 509	Chekkiad	Tuneri	Vadakara
PRIVATE AIDED SCHOOLS					
1	Arur UPS	Arur. P.O., Kallachi via, 673507	Purameri	Tuneri	Vadakara
2	Kacheri UPS	Kacheri. P.O., 673 502	Edacheri	Tuneri	Vadakara
3	Kuruvantheri UPS	Chekkiad. P.O., -673 509	Chekkiad	Tuneri	Vadakara
4	Nadapuram CCUPS	Perode. P.O., Nadapuram- 673 504	Tuneri	Tuneri	Vadakara
5	Thanakkottur UPS	Thanakkottur. P.O., -673 509	Chekkiad	Tuneri	Vadakara
6	Tuneri EVUPS	Tuneri. P.O.,- 673 506	Tuneri	Tuneri	Vadakara
7	Valayam UPS	Valayam. P.O.,- 673 517	Valayam	Tuneri	Vadakara
8	Vanimel MUPS	Vanimel. P.O., via Kallachi, 673 506	Vanimel	Tuneri	Vadakara
PRIVATE UNAIDED SCHOOLS					
1	Nadapuam Al Huda EM UP School	Nadapuram. P.O., 673 504	Nadapuram	Tuneri	Vadakara
GOVERNMENT SCHOOLS					
1	Anthatta GUPS	Melur. P.O., Koyilandy 673319	Chengottukave	Panthalayani	Koyilandy
2	Kakkanchery GUPS	Kakkanchery. P.O., 673 620	Ulliyeri	Balusseri	Koyilandy
3	Kannur GUPS	Kunnathara 673 327	Ulliyeri	Balusseri	Koyilandy
4	Kappad GMUPS	Kappad. P.O., 673 364	Chemanchery	Panthalayani	Koyilandy
5	Korapuzha GFUPS	Korapuzha. P.O., 673 303	Chemanchery	Panthalayani	Koyilandy
6	Koyilandy GFUPS	Koyilandy. P.O.	Koyilandy (M)	Panthalayani	Koyilandy
7	Ollur GUPS	Kunnathara 673 327	Ulliyeri	Balusseri	Koyilandy
8	Velur GM UPS	Atholi. P.O., 673 315	Atholi	Balusseri	Koyilandy
PRIVATE AIDED SCHOOLS					
1	Arikkulam UPS	Arikkulam. P.O., 673 322	Arikkulam	Panthalayani	Koyilandy

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2	Cheliya UPS	Cheliya. P.O., 673 306	Chengottukave	Panthalayani	Koyilandy
3	Chemanchery East UPS	Chemanchery. P.O., 673 304	Chemanchery	Panthalayani	Koyilandy
4	Chemanchery Kolakkad UPS	Thuvakkod. P.O	Chemanchery	Panthalayani	Koyilandy
5	Chemanchery UPS	Chemanchery. P.O., 673 304	Chemanchery	Panthalayani	Koyilandy
6	Chengottukave East UPS	Edakkulam . P.O., 673 306	Chengottukave	Panthalayani	Koyilandy
7	Edakkara Kolakkad UPS	Kolakkad. P.O., 673 315	Atholi	Balussery	Koyilandy
8	Cheliya K.K.Kidave Memorial UPS	Cheliya. P.O., 673 306	Chengottukave	Panthalayani	Koyilandy
9	Karayad UPS	Karayad. P.O	Arikkulam	Panthalayani	Koyilandy
10	Kavumvattam UPS	Nateri. P.O	Koyilandy (M)		Koyilandy
11	Kavuvatta MUPS	Nateri. P.O., 673 326	Koyilandy (M)		Koyilandy
12	Kolla UPS	Kolla. P.O., 673 307	Koyilandy (M)		Koyilandy
13	Kuruvangad Central UPS	Peruvattoor. P.O, 673 620	Koyilandy (M)		Koyilandy
14	Kuruvangad South UPS	Kuruvangad. P.O, 673 305	Koyilandy (M)		Koyilandy
15	Modakkallur UPS	Modakkallur. P.O, 673 321	Atholi	Balussery	Koyilandy
16	Panthalayani UPS	Koyilandy. P.O., 673 305	Koyilandy (M)		Koyilandy
17	Poilkave UPS	Edakkulam . P.O., 673 306	Chengottukave	Panthalayani	Koyilandy
18	Puliyanchery UPS	Muchukunnu, 673 306	Koyilandy (M)		Koyilandy
19	Thiruvangoor UPS	Pookkad. P.O., 673 318	Koyilandy (M)		Koyilandy
20	Uralloor MUPS	Uralloor. P.O., 673 620	Arikkulam	Panthalayani	Koyilandy
21	Vengalam UPS	Korapuzha. P.O., 673 303	Chemanchery	Panthalayani	Koyilandy
GOVERNMENT SCHOOLS					
1	Ayancheri GUPS	Kottappalli . P.O., 673 543	Thiruvallur	Thodannoor	Vatakara
2	Parambil GUPS	Ponmeri parambil. P.O., 673542	Ayanchery	Thodannoor	Vatakara
3	Thiruvallur GUPS	Ponmeri - 673 341	Thiruvallur	Thodannoor	Vatakara
PRIVATE AIDED SCHOOLS					
1	Cheekiloce UPS	Ayanchery. P.O., 673 544	Ayanchery	Thodannoor	Vatakara

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2	Karthikappali NO.-I. UPS	Kurinhaliyode 673 542	Eramala	Thodannoor	Vatakara
3	Katameri MUPS	Katameri. P.O., 673 542	Ayanchery	Thodannoor	Vatakara
4	Katameri UPS	Katameri. P.O., 673 542	Ayanchery	Thodannoor	Vatakara
5	Keezhal DVUPS	keezhal 673 104	Maniyur	Thodannoor	Vatakara
6	Keezhal UPS	keezhal 673 104	Villiappally	Thodannoor	Vatakara
7	Kurunthodi UPS	Mandarathur 673 105	Maniyur	Thodannoor	Vatakara
8	Mandarathur UPS	Mandarathur 673 105	Villiappally	Thodannoor	Vatakara
9	Mayyannur MCMUPS	Mayyannur 673 107	Villiappally	Thodannoor	Vatakara
10	Ponniath MUPS	keezhal 673 104	Thiruvalloor	Thodannoor	Vatakara
11	Thiruvallur EUPS	Chaniyamkadavu 673 541	Thiruvalloor	Thodannoor	Vatakara
12	Thodannur UPS	Thodannur. P.O., 673 108	Thiruvalloor	Thodannoor	Vatakara
13	Valliad UPS	Valliad. P.O., 673 542	Thiruvalloor	Thodannoor	Vatakara
14	Villiappalli UPS	Villiappally. P.O., 673 542	Villiappally	Thodannoor	Vatakara
PRIVATE AIDED SCHOOLS					
1	Chathamangalam AUPS	Chathamangalam. P.O., 673601	Chathamangalam	Kunnamangalam	Kozhikode
2	Choolur AUPS	Choolur. P.O., 673 601	Chathamangalam	Kunnamangalam	Kozhikode
3	Koozhakode AUPS	Chathamangalam. P.O., 673601	Chathamangalam	Kunnamangalam	Kozhikode
4	Kunnamangalam AUPS	Kunnamangalam - 673 571	Kunnamangalam	Kunnamangalam	Kozhikode
5	Kunnamangalam East AUPS	Kunnamangalam - 673 571	Kunnamangalam	Kunnamangalam	Kozhikode
6	Kuruvattur AUPS	Kuruvattur. P.O., 673 611	Kuruvattur	Kunnamangalam	Kozhikode
7	Makkoottam AMUPS	Kunnamangalam - 673 571	Kunnamangalam	Kunnamangalam	Kozhikode
8	Malayamma AUPS	Malayamma. P.O., 673 601	Chathamangalam	Kunnamangalam	Kozhikode
9	Parambilkadave MAMUPS	Parambil. P.O., 673 012	Kuruvattur	Kunnamangalam	Kozhikode
10	Pazhur AUPS	Pazhur. P.O., 673 661	Chathamangalam	Kunnamangalam	Kozhikode
11	Pilassery AUPS	Pilassery. P.O., 673 571	Kunnamangalam	Kunnamangalam	Kozhikode
GOVERNMENT SCHOOLS					
1	Chembukadavu UPS	Chembukadavu. P.O., 673580	Kodenchery	Kunnamangalam	Kozhikode

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2	Kaithappoyil MUPS	Puduppadi. P.O., 673 586	Puduppadi	Koduvally	Kozhikode
3	Pallipuram MUPS	Thachampoil. P.O., 673 573	Thamarassery	Koduvally	Kozhikode
4	Thamarassery UPS	Thamarassery. P.O., 673 573	Thamarassery	Koduvally	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Andona AMUPS	Parappanpoil. P.O., 673 573	Thamarassery	Koduvally	Kozhikode
2	Chamal Nirmala UPS	Chamal. P.O., 673 573	Kattipara	Koduvally	Kozhikode
3	Kannoth St. Antony's UPS	Kuppayacode. P.O., 673 580	Puduppadi	Koduvally	Kozhikode
4	Kattippara Nazarath UPS	Kattippara. P.O., 673 573	Kattipara	Koduvally	Kozhikode
5	Manjuvayal Vimala UPS	Meemutty. P.O., 673 580	Kodenchery	Kunnamangalam	Kozhikode
6	Mylellampara St. Joseph's UPS	Mylellampara. P.O., 673 573	Puduppadi	Koduvally	Kozhikode
7	Theyyappara St. Thomas UPS	Koodathai. P.O., 673 580	Kodenchery	Kunnamangalam	Kozhikode
8	Vettiozhinjathottam SSMUPS	Kattippara. P.O., 673 573	Kattipara	Koduvally	Kozhikode
GOVERNMENT SCHOOLS					
1	Kinalur UPS	Kinalur. P.O.	Panangad	Balusserly	Koyilandy
2	Poonoor GM UPS	Unnikulam. P.O. - 673 574	Unnikulam	Balusserly	Koyilandy
3	Unnikulam UPS	Ekavoor. P.O. - 673 574	Unnikulam	Balusserly	Koyilandy
PRIVATE AIDED SCHOOLS					
1	Balusserly AUPS	Balusserly. P.O. - 673 612	Balusserly	Balusserly	Koyilandy
2	Cheekkilode AUPS	Cheekkilode. P.O.	Nanminda	Chelannur	Kozhikkode
3	Desaseva Kurumpoyil AUPS	Panangad. P.O. - 673 612	Panangad	Balusserly	Koyilandy
4	Edakkara ASVUPS	Edakkara P.O. - 673 619	Thalakulathur	Chelannur	Kozhikkode
5	Eramangalam AUPS	Eramangalam - 673 612	Balusserly	Balusserly	Koyilandy
6	Iyyad CCUPS	Iyyad. P.O. - 673 587	Unnikulam	Balusserly	Koyilandy
7	Iyyad MI UPS	Iyyad. P.O. - 673 587	Unnikulam	Balusserly	Koyilandy
8	Karunaram UPS	Nanminda. P.O. - 673 613	Nanminda	Chelannur	Kozhikkode
9	Kolathur UPS	Kolathur. P.O. - 673 315	Nanminda	Chelannur	Kozhikkode
10	Mangad UPS	Mangad. P.O. - 673 574	Unnikulam	Balusserly	Koyilandy

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11	Mundakkara UPS	Kinalur. P.O. - 673 621	Panangad	Balusserly	Koyilandy
12	Naduvallur UPS	Kakkur. P.O. - 673 619	Kakkur	Chelannur	Kozhikkode
13	Nanminda (E) UPS	Nanminda. P.O. - 673 613	Nanminda	Chelannur	Kozhikkode
14	Nanminda Ehukulam UPS	Nanminda. P.O. - 673 613	Nanminda	Chelannur	Kozhikkode
15	Nanminda UPS	Nanminda. P.O. - 673 613	Nanminda	Chelannur	Kozhikkode
16	Narath UPS	Ulliyeri - 673 323	Narikkuni	Chelannur	Koyilandy
17	P.C.Palam UPS	Narikkuni. P.O. - 673 585	Unnikulam	Chelannur	Kozhikkode
18	Palliyoth PTM UPS	Ekarool - 673 574	Unnikulam	Balusserly	Quilandy
19	Panangad North UPS	Kannadipoyil. P.O. – 673612	Panangad	Balusserly	Quilandy
20	Panangad South UPS	Vattoli Bazar - 673 612	Panangad	Balusserly	Quilandy
21	Punnassery (W) UPS	Punnassery - 673 575	Kakkur	Chelannur	Kozhikkode
22	Punnassery AM UPS	Punnassery - 673 575	Kakkur	Chelannur	Kozhikkode
23	Sivapuram SMM UPS	Karumala.P.O	Unnikulam	Balusserly	Koyilandy
24	Ulliyeri AUPS	Ulliyeri - 673 323	Ulliyeri	Balusserly	Koyilandy
GOVERNMENT SCHOOLS					
1	Karuvannur UPS	Karuvannur. P.O., Kozhikopde Dt	Naduvannur	Balusserly	Koyilandy
2	Kayanna UPS	Kayanna Bazar. P.O Via Perambra	Kayanna	Perambra	Koyilandy
3	Perambra UPS	Perambra. P.O.	Perambra	Perambra	Koyilandy
4	Trikkuttissery UPS	Vakayad. P.O., Via Naduvannur	Kottoor	Balusserly	Koyilandy
5	Valoor UPS	Chenoli. P.O.Via Perambra,	Nochat	Perambra	Koyilandy
PRIVATE AIDED SCHOOLS					
1	Chempanoda St. Joseph's UPS	Chembanoda. P.O., Kozhikkode	Chakkittapara	Perambra	Koyilandy
2	Eravattoor Narayana Vilasam UPS	Eravattoor. P.O., Perambra	Perambra	Perambra	Koyilandy
3	Kalpathoor AUPS	Kalpathur. P.O., Perambra	Nochat	Perambra	Koyilandy
4	Kattullamala Nirmala UPS	Cherukkad. P.O., Kozhikkode	Koorachundu	Balusserly	Koyilandy
5	Kavumthara UPS	Kavil. P.O., Naduvannur	Naduvannur	Balusserly	Koyilandy

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6	Koorachundu St. Thomas UPS	Koorachundu. P.O., Perambra	Koorachundu	Balusserly	Koyilandy
7	Koothali UPS	Koothali. P.O. Via Perambra	Koothali	Perambra	Koyilandy
8	Kottoor UPS	Kottoor. P.O., Naduvannur	Kottoor	Balusserly	Koyilandy
9	Mattanode UPS	Mattanode. P.O., Perambra	Kayanna	Perambra	Koyilandy
10	Naduvannur South AM UPS	Naduvannur. P.O.	Naduvannur	Balusserly	Koyilandy
11	Narayamkulam UPS	Moolad. P.O., Kottoor	Kottoor	Balusserly	Koyilandy
12	Perambra UPS	Perambra. P.O. Via Perambra	Perambra	Perambra	Koyilandy
13	Perambra Vrindavan AUPS	Menhanniam, Perambra	Perambra	Perambra	Koyilandy
14	Perambra West UPS	Thandorapara, Chakkittapara	Chakkittapara	Perambra	Koyilandy
15	Peruvannamoozhi Fathima AUPS	Peruvannamoozhi.P.O	Chakkittapara	Perambra	Koyilandy
16	Poonath Nellisserly UPS	Poonath. P.O., Kottoor	Kottoor	Balusserly	Koyilandy
17	Poozhithode IC UPS	Poozhithode.P.O	Chakkittapara	Perambra	Koyilandy
18	Vakayad A UPS	Vakayad. P.O., Via Naduvannur	Naduvannur	Balusserly	Koyilandy
19	Valiacode UPS	Kalpathur. P.O., Perambra	Nochat	Perambra	Koyilandy
20	Velliyur UPS	Nochad. P.O., Perambra	Nochat	Perambra	Koyilandy
PRIVATE UNAIDED SCHOOLS					
1	Perambra ST.Francis UPS	Perambra. P.O. Via Perambra	Perambra	Perambra	Koyilandy
GOVERNMENT SCHOOLS					
1	Chennamangallur MUPS	Chennamangallur. P.O., 673602	Mukkom	Kunnamangalam	Kozhikode
2	Kodiyathur MUPS	Kodiyathur. P.O., 673 602	Kodiyathur	Kunnamangalam	Kozhikode
3	Manassery UPS	Manassery. P.O., 673 602	Mukkom	Kunnamangalam	Kozhikode
4	Thazhekodde WUPS	Neeleswaram. P.O.	Mukkom	Kunnamangalam	Kozhikode
5	Thottumukkam UPS	Thottumukkam. P.O., 673639	Kodiyathur	Kunnamangalam	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Anakkampoyil St. Mary's UPS	Anakkampoyil. P.O., 673 603	Thiruvambady	Koduvally	Kozhikode
2	Kallurutty St. Thomas UPS	Kallurutty. P.O., 673 603	Mukkom	Kunnamangalam	Kozhikode

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3	Karassery IIAUPS	Karassery. P.O., 673 602	Karassery	Kunnamangalam	Kozhikode
4	Kumaranellur Azad Memmorial AUPS	Kumaranellur. P.O., 673 602	Karassery	Kunnamangalam	Kozhikode
5	Pannicode AUPS	Pannicode. P.O., 673 602	Kodiyathur	Kunnamangalam	Kozhikode
6	Pullurampara St. Joseph's UPS	Pullurampara. P.O., 673 603	Thiruvambady	Koduvally	Kozhikode
7	Pushpagiri LFUPS	Koombara. P.O., 673 604	Koodaranhi	Koduvally	Kozhikode
8	South Kodiyathur AUPS	Kodiyathur. P.O., 673 602	Kodiyathur	Kunnamangalam	Kozhikode
9	Thazhakode AUPS	Mukkam. P.O., 673 602	Mukkom	Kunnamangalam	Kozhikode
10	Thiruvambady SHUPS	Thiruvambady. P.O., 673 603	Thiruvambady	Koduvally	Kozhikode
11	Venappara LFUPS	Venappara. P.O., 673 572	Mukkom	Kunnamangalam	Kozhikode
12	Vilakkamthode MAMUPS	Punnakkal. P.O., 673 603	Thiruvambady	Koduvally	Kozhikode
1	Arambram MUPS	Padanilam. P.O., 683 571	Madavoor	Koduvally	Kozhikode
2	Elettil MUPS	Elettil. P.O., 673 572	Kizhakkoth	Koduvally	Kozhikode
3	Karuvampoil MUPS	Karuvampoil. P.O., 673 572	Koduvally	Koduvally	Kozhikode
4	Vennakkad MUPS	Koduvally. P.O., 673 572	Koduvally	Koduvally	Kozhikode
5	Puthur UPS	Puthur. P.O., 673 572	Omassery	Koduvally	Kozhikode
PRIVATE AIDED SCHOOLS					
1	Avilora MMAUPS	Avilora. P.O., 673 572	Kizhakkoth	Koduvally	Kozhikode
2	Eravannur AUPS	Eravannur. P.O., 673 585	Madavoor	Koduvally	Kozhikode
3	Madavoor AUPS	Madavoor. P.O., 6 73 585	Madavoor	Koduvally	Kozhikode
4	Manipuram AUPS	Manipuram. P.O., 673 572	Koduvally	Koduvally	Kozhikode
5	Muttanchery Hassaniya AUPS	Muttanchery. P.O., 673 585	Madavoor	Koduvally	Kozhikode
6	Narikkuni AUPS	Narikkuni. P.O., 673 585	Narikkuni	Chelannur	Kozhikode
7	Nediyanaad AUPS	Narikkuni. P.O., 673 585	Narikkuni	Chelannur	Kozhikode
8	Punnassery AUPS	Punnassery. P.O., 673 585	Narikkuni	Chelannur	Kozhikode
9	Valiyaparamba AMUPS	Valiyaparamba. P.O., 673572	Kizhakkoth	Koduvally	Kozhikode

ADDRESS AND PHONE NUMBER OF VHSS IN KOZHIKODE DISTRICT

Name	Address	Phone No.
GVHSS,Thamarassery	Thamarassery Kozhikode-673573	4952223011
GRFTHSS, Beypore	Beypore Kozhikode -673015	49524115397
GTHS&VHSS, Vadakara	Vadakara Kozhikode -673104	4962523140
GVHSS, Meppayur	Meppayur Kozhikode -673524	496267646
GVHSS, Atholi-	Atholi Kozhikode-673524	4952672350
GRFTVHSS (Boys), Madappally	Madappally Kozhikode -673102	4962512272
GVHSS, Meenchanda	Meenchanda Kozhikode -673018	4952320594
REC GVHSS, Chathamangalam	Chathamangalam Kozhikode -673018	4962547407
KKKMGVHSS, Orkattery	Orkattery, Kozhikode -673501	4962547407
GGVHSS, Feroke	Feroke, Kozhikode -673501	495483290
GVHSS,(Boys), Balussery	Balussery ,Kozhikode -673612	4962642230
GVHSS(Boys) Quilandy	Quilandy,Kozhikode -673305	4962620311
GVHSS(Girls) Nadakkavu	Nadakkavu,Kozhikode -673011	4952768506
GVHSS, Cheruvannur	Cheruvannur, Kozhikode -673655	4952481010
GVHSS Puthiyara	Puthiyara, Kozhikode -673004	4962742024
GVHSS, Kinassery	Kinassery, Kozhikode -673013	4952331380
GVHSS Payyoli	Payyoli ,Kozhikode -673529	4962602076
GVHSS, Kuttichira	Kuttichira,Kozhikode -673001	4752703477
GVHSS, Payyankka	Ayyankkal,Kozhikode -673003	4952320049
GMVHSS, Quilandy	Quilandy,Kozhikode -673305	49626220377
JDT Islam VHSS Cheyayur	Chovayur , Marikunnu- Kozhikode	4952730421
RVHSS(Handicapped)	Kozhikode-673608	4952355510
CGVHSS Kallai .P.O	Kallai .P.O, Kozhikode -673003	4952300465
EMJAY VHSS Villiappilly	Villiappilly,Kozhikode -673542	4962535103
MKHMMO VHSS, Mukkom	Mukkom ,Kozhikode -673602	4952295688
MMVHSS Kozhikode	Kozhikode -673003	4953021366
MUM VHSS,Vadakara	Vadakara, Kozhikode -673103	4962514640
Koothali VHSS, Perambra	Perambra, Kozhikode -673528	4962611027

ADDRESS AND PHONE NUMBER OF TECHNICAL HIGH SCHOOLS IN KOZHIKODE DISTRICT

Name	Address	Phone No.
Govt.Technical high school	Kozhikode,west hill P.O, 673005	0495-2380119
Govt.Technical high school	Nattusreet,vadakara,kozhikode-673104	0496-2523140
Govt.Technical high school	Payyoli,ayanikadu.P.O, 673521	0496-2603299

ADDRESS AND PHONE NUMBER OF POLYTECHNICS IN KOZHIKODE DISTRICT

Name	Address	Phone No.
Government Polytechnic	Westhill P.O, Kozhikode	NIL
J.D.T Islam Polytechnic,	P.B.No. 1702, Marikkunnu, Kozhikode-673012	NIL
KMCT Polytechnic College	Kalananthode Chanthamangalam, Kozhikode	NIL
AWH Polytechnic College	Kunnamangalam, Kozhikode	NIL
Maharaja's Technological Institute	P.O.West Hill, Kozhikode-673005	NIL
Model Polytechnic	Nut Street, Vadakara-673104, Kozhikode	NIL
Women's Polytechnic	Kozhikode-673009	NIL

MEDICAL COLLEGE

Name & Address	Phone No.
Government Medical College, Calicut	495-2355331, 495-2350201
K.M.C.T. Medical College, Mukkam	0495-2295087
Malabar Medical College Hospital & Research Centre, Modakkallur (po), Atholi via, Kozhikode.	496 - 2701800, 0496- 2000000

LIST OF ENGINEERING COLLEGES WITH PHONE NUMBER

Name & Address	Phone No.	E.Mail Address
Co-Operative Institute of Technology, Vadakara	0496 2537225/ 2536125	citvcape@gmail.com
D.O.E.A.C.C. Centre, NIT, Calicut	0495 2287266, 2287166	info@calicut.nielit.in
Government College of Engineering, west hill, Calicut	0495 2383210	geckkd@yahoo.com
A.W.H. Engineering College, Pattayilkunnu	0495 2356144	nfo@awhengg.org
K.M.C.T College of Engineering for Women, Calicut	0495 2295395	
K.M.C.T. College of Engineering, Mukkam		coe@kmct.edu.in
National Institute of Technology, Calicut	0495 228 6100	

ANNEXURE 4

ANIMAL HUSBANDRY DEPARTMENT

Sl.No	Name of the Veterinary Hospital/ Veterinary Dispensary	Address of the Office	Contact No.	Taluk	
1	District veterinary centre, Kozhikode	Chief Veterinary Officer, District veterinary centre, Kozhikode.673001	0495/2368349	Kozhikode	
2	Veterinary Hospital Beypore	Senior Veterinary Surgeon, Veterinary Hospital, Beypore 673015	8281017288	Kozhikode	
3	Veterinary Dispensary, Cheruvannur Nallalam	Veterinary Surgeon, Veterinary Dispensary, Cheruvannur Nallalam. Kolathara (P.O)673655	9446889720	Kozhikode	
4	Veterinary Dispensary, Kadalundi.	Veterinary Surgeon, Veterinary Dispensary, Kadalundi.673302	9895176446	Kozhikode	
5	Veterinary Dispensary, Feroke	Veterinary Surgeon, Veterinary Dispensary, Feroke.673631		Kozhikode	
6	Veterinary Dispensary, Mannur	Veterinary Surgeon, Veterinary Dispensary, Mannur.673328	9446509239	0495/2520370	Kozhikode
7	Veterinary Dispensary, Mankavu	Veterinary Surgeon, Veterinary Dispensary, Mankavu.673007	9447070957	0495/2331131	Kozhikode
8	Veterinary Dispensary, Olavanna	Veterinary Surgeon, Veterinary Dispensary, Olavanna. Guruvayoorappan college (P.O) 673014	9847373202	0495/2431770	Kozhikode
9	Veterinary Dispensary, Ramanattukara.	Veterinary Surgeon, Veterinary Dispensary, Ramanattukara. Ferook College (P.O). 673632	9447364282	0495/2441100	Kozhikode
10	Veterinary Hospital, Kunnamangalam	Senior Veterinary Surgeon, Veterinary Hospital, Kunnamangalam. 673571	9495564149	0495/2801209	Kozhikode
11	Veterinary Dispensary, Chathamangalam	Veterinary Surgeon, Veterinary Dispensary, Chathamangalam. 673601		0495/2520370	Kozhikode
12	Veterinary Dispensary, Perumanna	Veterinary Surgeon, Veterinary Dispensary, Perumanna.673026	9847257097		Kozhikode
13	Veterinary Dispensary, Peruvayal	Veterinary Surgeon, Veterinary Dispensary, Peruvayal.673024	9947067500		Kozhikode
14	Veterinary Dispensary, Kuruvattur.	Veterinary Surgeon, Veterinary Dispensary, Kuruvattur.673611	9446105365	0495/2552055	Kozhikode
15	Veterinary Dispensary, Mavoor.	Veterinary Surgeon, Veterinary Dispensary, Mavoor.673661	9447754325	0495/2883975	Kozhikode
16	Veterinary Dispensary, Mukkam.	Veterinary Surgeon, Veterinary Dispensary, Mukkam.673602	9995129236		Kozhikode

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17	Veterinary Dispensary, Mundottukulangara.	Veterinary Surgeon, Veterinary Dispensary, Mundottukulangara. Pannikode (P.O) 673602	9048139700	0495/2207599	Kozhikode
18	Veterinary Dispensary, Thottumukkam.	Veterinary Surgeon, Veterinary Dispensary, Thottumukkam. 673639	9497449929		Kozhikode
19	Veterinary Dispensary, Thekkumkuttu.	Veterinary Surgeon, Veterinary Dispensary, Thekkumkuttu. 673602	9447405653		Kozhikode
20	Veterinary Hospital, Koduvally	Senior Veterinary Surgeon, Veterinary Hospital, Koduvally.673572	9447293723	0496/2448370	Kozhikode
21	Veterinary Dispensary, Puduppady	Senior Veterinary Surgeon, Veterinary Dispensary, Puduppady. 673586	9495478744	0495/2510090	Kozhikode
22	Veterinary Dispensary, Thiruvambady	Veterinary Surgeon, Veterinary Dispensary, Thiruvambady. 673603	9400587515	0495/2506384	Kozhikode
23	Veterinary Dispensary, Anakkampoyil	Veterinary Surgeon, Veterinary Dispensary, Anakkampoyil. 673603	9495148469	0495/2506384	Kozhikode
24	Veterinary Dispensary, Kizhakkoth	Veterinary Surgeon, Veterinary Dispensary, Kizhakkoth. Elettil (P.O) 673572	9495027154	0495/2517950	Kozhikode
25	Veterinary Dispensary, Kakkadampoyil.	Veterinary Surgeon, Veterinary Dispensary, Kakkadampoyil. 673604	9961681050		Kozhikode
26	Veterinary Dispensary, Koompara	Veterinary Surgeon, Veterinary Dispensary, Koompara. Koompara Bazar (P.O) 673604	9745434865		Kozhikode
27	Veterinary Dispensary, Madavoor.	Veterinary Surgeon, Veterinary Dispensary, Madavoor.673585	9447314485		Kozhikode
28	Veterinary Dispensary, Omassery.	Veterinary Surgeon, Veterinary Dispensary, Omassery.673572	9846627726		Kozhikode
29	Veterinary Dispensary, Thamarassery.	Veterinary Surgeon, Veterinary Dispensary, Thamarassery. 673573	9447541246	0495/2225993	Kozhikode
30	Veterinary Dispensary, Kattippara.	Veterinary Surgeon, Veterinary Dispensary, Kattippara.673573	9446429909	0495/2270822	Kozhikode
31	Veterinary Hospital, Kodenchery.	Senior Veterinary Surgeon, Veterinary Hospital, Kodenchery 673573	9446451937	0495/2236699	Kozhikode
32	Veterinary Dispensary, Maikkavu	Veterinary Surgeon, Veterinary Dispensary, Maikkavu.673573	9446842466	0495/2502620	Kozhikode
33	Veterinary Dispensary, Chelannur.	Veterinary Surgeon, Veterinary Dispensary, Chelannur. Palath (P.O) 673611		0495/2552055	Kozhikode
34	Veterinary Dispensary, Elathur.	Veterinary Surgeon, Veterinary Dispensary, Elathur.673303	9447076886		Kozhikode

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35	Veterinary Dispensary, Kakkur.	Veterinary Surgeon, Veterinary Dispensary, Kakkur.673613	9847904368	0495/2552430	Kozhikode
36	Veterinary Dispensary, Makkada.	Veterinary Surgeon, Veterinary Dispensary, Makkada.673611	9846105099	0495/2268360	Kozhikode
37	Veterinary Dispensary, Nanminda.	Veterinary Surgeon, Veterinary Dispensary, Nanminda. Cheekilode (P.O).673315	9745284468		Kozhikode
38	Veterinary Dispensary, Narikkuni.	Veterinary Surgeon, Veterinary Dispensary, Narikkuni.673585	9847441177		Kozhikode
39	Veterinary Dispensary, Thalakkulathur.	Veterinary Surgeon, Veterinary Dispensary, Thalakkulathur. Annassery (P.O) 673317	9495976886		Kozhikode
40	Veterinary Poly clinic,Perambra	Senior Veterinary Surgeon, Veterinary Poly clinic, Perambra 673525	9847398353	0496/2616401	Koyilandy
41	Veterinary Dispensary, Chakkittapara	Veterinary Surgeon, Veterinary Dispensary, Chakkittapara, Kayanna.673525		0496/2606988	Koyilandy
42	Veterinary Dispensary, Changaroth.	Veterinary Surgeon, Veterinary Dispensary, Changaroth. Palery town.(P.O) 673508	9447530571		Koyilandy
43	Veterinary Dispensary, Kayanna.	Veterinary Surgeon, Veterinary Dispensary, Kayanna.Kayanna Bazar (P.O).673525	9497874461	0496/2242178	Koyilandy
44	Veterinary Dispensary, Kizhakkan Perambra	Veterinary Surgeon, Veterinary Dispensary, Kizhakkan Perambra.Thandorappara. 673526	9447654073		Koyilandy
45	Veterinary Dispensary, Muyipboth.	Veterinary Surgeon, Veterinary Dispensary, Muyipboth.673524			Koyilandy
46	Veterinary Dispensary, Nochad.	Veterinary Surgeon, Veterinary Dispensary, Nochad.673524	9495177474		Koyilandy
47	Veterinary Hospital, Balussery.	Senior Veterinary Surgeon, Veterinary Hospital, Balussery. Vattoli Bazar (P.O) 673623	9447060906	0496/2238636	Koyilandy
48	Veterinary Dispensary, Koorachundu.	Veterinary Surgeon, Veterinary Dispensary, Koorachundu. Athiyody (P.O) 673527	9846667780	0496/2661874	Koyilandy
49	Veterinary Dispensary, Kottur	Veterinary Surgeon, Veterinary Dispensary, Kottur, Avitanallur. (PO) 673618	8086690414		Koyilandy
50	Veterinary Dispensary, Kunnakody	Veterinary Surgeon, Veterinary Dispensary, Kunnakody, Thuruthiyad (P.O)673612	9947542840	0496/2706785	Koyilandy
51	Veterinary Dispensary, Naduvannur.	Veterinary Surgeon, Veterinary Dispensary, Naduvannur.673614	9447737228		Koyilandy
52	Veterinary Dispensary, Ulliyery.	Veterinary Surgeon, Veterinary Dispensary, Ulliyery.673620	9447336498		Koyilandy

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53	Veterinary Dispensary, Unnikulam.	Veterinary Surgeon, Veterinary Dispensary, Unnikulam. Ekarool (P.o)673574	9446485824	0496/2238636	Koyilandy
54	Veterinary Hospital, Meppayyur.	Senior Veterinary Surgeon, Veterinary Hospital, Meppayyur. 673524	9447288057	0495/2506384	Koyilandy
55	Veterinary Dispensary, Ayanikkad.	Veterinary Surgeon, Veterinary Dispensary, Ayanikkad.673521	9447339841	0496/2606988	Koyilandy
56	Veterinary Dispensary, Keezhariyur.	Veterinary Surgeon, Veterinary Dispensary, Keezhariyur, Naduvathur (P.O) 673526	9447339262		Koyilandy
57	Veterinary Dispensary, Melody	Veterinary Surgeon, Veterinary Dispensary, Melody, Thikkody. 673529	9447079966	0496/2606999	Koyilandy
58	Veterinary Dispensary, Palachotil.	Veterinary Surgeon, Veterinary Dispensary, Palachotil, Payyoli Angadi. 673523	9496350507		Koyilandy
59	Veterinary Hospital, Koyilandy	Senior Veterinary Surgeon, Veterinary Hospital, Koyilandy. 673305	9447188191	0496/2624285	Koyilandy
60	Veterinary Dispensary, Arikkulam.	Veterinary Surgeon, Veterinary Dispensary, Arikkulam.673322.	9446734168		Koyilandy
61	Veterinary Dispensary Chemanchery	Veterinary Surgeon, Veterinary Dispensary, Chemanchery. Thiruvangoor.673318	9447033540	0495/2688992	Koyilandy
62	Veterinary Dispensary, Chengottukavu.	Veterinary Surgeon, Veterinary Dispensary, Chengottukavu. Edakkulam 673306.	9747843536	0496/2620446	Koyilandy
63	Veterinary Dispensary, Atholi.	Veterinary Surgeon, Veterinary Dispensary, Atholi.673315	9947755583	0496/2674974	Koyilandy
64	Veterinary Dispensary, Moodadi.	Veterinary Surgeon, Veterinary Dispensary, Moodadi, Kadalur (P.O).673529	9447755808		Koyilandy
65	Veterinary Poly Clinic, Vadakara	Senior Veterinary Surgeon, Veterinary Poly Clinic, Vadakara. 673109		0496/2528552	Vadakara
66	Veterinary Hospital, Vellikulangara	Veterinary Surgeon, Veterinary Hospital, Vellikulangara. Orkattery - 673503	9447073510		Vadakara
67	Veterinary Dispensary, Onchiyam.	Veterinary Surgeon, Veterinary Dispensary, Onchiyam.673308	9447141132		Vadakara
68	Veterinary Hospital, Chombal.	Veterinary Surgeon, Veterinary Hospital, Chombal. 673308	9446304330		Vadakara
69	Veterinary Dispensary, chorode.	Veterinary Surgeon, Veterinary Dispensary, chorode.673106	9349118910		Vadakara
70	Veterinary Dispensary, Eramala.	Veterinary Surgeon, Veterinary Dispensary, Eramala.673308	9349155635		Vadakara

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71	Veterinary Hospital, Kunnnummal.	Veterinary Surgeon, Veterinary Hospital, Kunnnummal, Vattoli (P.O).673308	9495481765	0496/2624285	Vadakara
72	Veterinary Hospital, Kavilumpara	Veterinary Surgeon, Veterinary Hospital, Kavilumpara. 673513	9446577432	0496/2565885	Vadakara
73	Veterinary Dispensary, Iyyankode.	Veterinary Surgeon, Veterinary Dispensary, Iyyankode.673504	8547843098		Vadakara
74	Veterinary Dispensary, Kuttyadi	Veterinary Surgeon, Veterinary Dispensary, Kuttyadi. Vadayam (p.o). 673508	9048630897		Vadakara
75	Veterinary Dispensary, Maruthonkara.	Veterinary Surgeon, Veterinary Dispensary, Maruthonkara. Mullankunnu.673513		0496/2667206	Vadakara
76	Veterinary Dispensary, Kayakkodi.	Veterinary Surgeon, Veterinary Dispensary, Kayakkodi.673519	8281093584		Vadakara
77	Vety. Dispensary Narippatta	Veterinary Surgeon, Veterinary Dispensary, Narippatta. Cheekunnu west (P.O). 673511	8281446079		Vadakara
78	Vety. Dispensary Theekkuni (Velom)	Veterinary Surgeon, Veterinary Dispensary, Theekkuni, Poolkkal (P.O).673507	9446536380		Vadakara
79	Veterinary Hospital, Tunery.	Veterinary Surgeon, Veterinary Hospital, Tunery.673505	9447285936	0496/2557555	Vadakara
80	Veterinary Dispensary, Edachery.	Veterinary Surgeon, Veterinary Dispensary, Edachery.673502	9446462236		Vadakara
81	Veterinary Dispensary, Kallunira.	Veterinary Surgeon, Veterinary Dispensary, Kallunira, Kuttikattil (P.O).673517	9447812518		Vadakara
82	Veterinary Dispensary, Parakkadavu.	Veterinary Surgeon, Veterinary Dispensary, Parakkadavu.673509	9656209557		Vadakara
83	Veterinary Dispensary, Puramery	Veterinary Surgeon, Veterinary Dispensary, Puramery.673503	9496831662		Vadakara
84	Veterinary Dispensary, Velliyode.	Veterinary Surgeon, Veterinary Dispensary, Velliyode. Kodyyura (P.O).673574	8547124946		Vadakara
85	Veterinary Dispensary, Ayanchery.	Veterinary Surgeon, Veterinary Dispensary, Ayanchery.673544		0496/2593628	Vadakara
86	Veterinary Dispensary, Maniyur.	Veterinary Surgeon, Veterinary Dispensary, Maniyur. Palayad Nada (P.O).673530.		0496/2230270	Vadakara
87	Veterinary Dispensary, Thodannur.	Veterinary Surgeon, Veterinary Dispensary, Thodannur.673108		0496/2254829	Vadakara
88	Veterinary Dispensary, Villiappally.	Veterinary Surgeon, Veterinary Dispensary, Villiappally.673452	9656223757	0496/2254829	Vadakara

ANNEXURE 5

EMERGENCY OPERATION CENTRE

Sl.No.	Item details	Specification of the Inventory in hand
1	Folding Stretcher with Canvas cloth	5, Ordinary type
2	Megaphone & Microphone wing super	1, Handusing type
3	Fire Extinguisher	10, AB & C type
4	Search Lights	1, Rechargeable
5	LED Torches	1, Battery
6	Helmet with torch light	0, Water Proof
7	petrol max	3 Nos (steel body)
8	Rope ladder	2, 30 ft nylon each
9	Life jacket type V	16 (orange), For 30 kg or more
10	Face Shield/Visor	10, Standard
11	Safety vest	10, Nos
12	fire Blanket	14, Nos
13	Raincoat	10, Nos
14	First aid Box	9, Nos
15	Oxygen cylinder with breathing apparatus	2, Nos
16	Dust Mask	25, Nos
17	Torches (Brass body)	10, Nos
18	Computer	2 Nos
19	UPS	2 Nos
20	Fax machine	1 Nos
21	Printer	1 Nos

ANNEXURE 6

PRI REPRESENTATIVES

Name	Designation	Phone	Mobile
Smt.Kaanathil Jameela,	Panchayath President	0495 - 2372180	9447566700
Sri. R Sashi	Vice President	0495 - 2370050	8281040041
Sri. Abdurahiman Ekkadan	Secretary in charge	0495 - 2370050	8281040061

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Vadakara Block					
1	Azhiyoor	Ayisha Ummer	0496-2500101	9895633193	secretaryagp@gmail.com
2	Cherode	A Abubakker	0496-2512501	9447336574	chorodegp@gmail.com
3	Eramala	Beby Balambrath	0496-2547047	9400994131	eramalagp@gmail.com
4	Onjiyam	P Jayarajan	0496-2505025	9846818037	secogp@gmail.com
Thuneri Block					
5	Chekkiyad	A Amina Teacher	0495-2572340	9745192709	chekkiyad.gp.09@gmail.com
6	Edachery	E V Kalyani	0496-2547024	9645239692	edacherygramapanchayat@gmail.com
7	Puramery	K P Vanaja	0496-2550259	9496730583	puramery.gp@gmail.com
8	Tuneri	N K Sara	0496-2551075	9946577101	tunerigp@gmail.com
9	Valayam	T P Kumaran	0495-2460191	9745097591	secvalayamgp@gmail.com
10	Vanimel	NKMoosa Master	0496-2560190	9447050268	vanimalgp@gmail.com
11	Nadapuram	Soopy Narikkattery	0496-2550245	9447518477	nadapuramgp@gmail.com
Kunnummal Block					
12	Kunnummal	Radhika Chirayil	0496-2445049	8086157710	kunnumalgp@gmail.com
13	Kayakkody	T T Nanu	0496-2596616	9947247123	secretarykydgp@gmail.com
14	Kavilumpara	P Surendran	0496-2565834	9446163050	kavilumparagp@gmail.com
15	Kuttiady	Nafeesa K K	0496-2597250	9496850531	kuttiadygramapanchayath@yahoo.com
16	Maruthonkara	Sajith K	0496-2565855	9946445811	maruthonkaragramapanchayath@gmail.com
17	Velam	K C Salma	0496-2770109	9961471215	secretaryvelompanchayat@gmail.com
18	Narippatta	T P Pavithran	0496-2445043	9947267007	narippattapanchayath@gmail.com
Thodannoor Block					
19	Ayancheri	Nochad Kunjabdulla	0496-2580265		ayanchery.gp@rediffmail.com
20	Villiappally	K K Bijula	0496-2535163	9495142946	villiappallygp@gmail.com

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21	Maniyur	Suresh Babu B	0496-2536221	9946428853	maniyurgramapanchayat@gmail.com
22	Thiruvallur	T K Shantha	0496-2592027	9447931408	thiruvallurgp@gmai.com
Melady Block					
23	Thurayur	U C Shamsudheen	0496-2470059	9946405454	thurayurgpt@rediffmail.com
24	Keezhariyur	Adv.K K Lakshmibai	0496-2676228	9446393176	kzrgpt@gmail.com
25	Thikkodi	Rama Cherukutty	0496-2602054	9895668846	thikkodigp@gmail.com
26	Payyoli	K T Sindhu	0496-2602043	9946749399	G110504@gmail.com
27	Meppayur	K Kunjiraman	0496-2676227	0496-2676293	meppayurgp@gmail.com
Perambra Block					
28	Cheruvannur	Nalini Nallur	0496-2775320	9946734506	secretary.cheruvannurgp@gmail.com
29	Nochade	Shobhana Vaishakh	0496-2610269	9539670076	secretarynochadgpkkd@gmail.com
30	Changaroath	K M Shreeja	0496-2668164	9846637206	seccgp@gmail.com
31	Kayenna	AM Ramachandran Master	0496-2659021	9846677012	secretarykqp@gmail.com
32	Koothali	E P Karthyayeni Teacher	0496-2610271	9633006305	koohtaligp@gmail.com
33	Perambra	T K kumaran	0496-2610226	9400215709	secretaryperambragp@gmail.com
34	Chakkittappara	K Sunil	0496-2662223	9446101195	chakkittapparagp@gmail.com
Balusseri Block					
35	Balusseri	P M Sarojini			
36	Naduvannur	C M Shreedharan	0496-2652247	9400652424	sccndr@gmail.com
37	Ulliyery	E P Prasanna	0496-2652229	9447760643	ulliyeri@ymail.com
38	Kottur	T K Shreedharan	0496-2657251	9847542778	kotturgp@yahoo.com
39	Unnikkulam	Shaini K P	0496-2647065	9946320559	unnikkulamgp@gmail.com
40	Panangad	Ismail Kurumboyl	0496-2642059	9847191570	panangadgp@gmail.co.in

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41	Kurachund	Agastin Kaarakkada	0496-2660246	9495859535	seckdu@gmail.com
Pandalayani Block					
42	Atholi	Rama Paloth	0496-2672237	9048214185	sec.agp@gmail.com
43	Chemanchery	Anitha Mathilichery	0496-2687041	9539727902	chamancherygp@rediffmail.com
44	Arikkulam	T Suresh	0496-2695327	9605694150	secagpt@gmail.com
45	Moodadi	K Jeevananthan Master	0496-2690200	9446682857	moodadiGP@gmail.com
46	Chengottukavu	Shani P v	0496-2620266	9497830361	chengottukavugp@gmail.com
Chelannur Block					
47	Kakkodi	Kavitha Manoj	0495-2265711	9387121432	kakkodigp@gmail.com
48	Chelannur	P Shreedharan Master	0495-2260224		chelannurgp@gmail.com
49	Kakkur	K Mohanan	0495-2260232	9846438514	kakkurgp@gmail.com
50	Nanmanda	V T Muhammed Master	0495-2855049	9495727931	nanmindagp@gmail.com
51	Narikkuni	O P Shobhana	0495-2246215	9847757820	narikkunigp@rediffmail.com
52	Thalakkulathur	K T Prameela	0495-2852239	9745787942	thalakkulathurgp@gmail.com
Koduvally Block					
53	Thiruvampady	Eliama Jorge	0495-2252059		tdygp@yahoo.com
54	Koodaranhi	E K Sabastien	0495-2252027	9447177385	koodaranhigp@ymail.com
55	Kizhakkoth	U P Nafeesa	0495-2210237	9605346248	secretarykizhakkoth@gmail.com
56	Madavoor	Sindu Mohan	0495-2246262	9497645883	madavoorgp@gail.com
57	Koduvally	Rasiya Ibrahim	0495-2210238	9446184294	koduvallygp@gmail.com
58	Puthuppadi	Ayishakkutty Sulthan	0495-2235229	9745581208	PGPKKD@gail.com
59	Thamarassery	A Aravindan	0495-2222252	9745538523	thamarasserygp@yahoo.com
60	Omassery	K m Komalavally	0495-228253		ogpomassery@yahoo.com

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

61	Kattippara	Prem G Jeyims	0495-2270900	9847773700	kattipparagpo@gmail.com
62	Kodanchery	Anteny Mathayi	0495-2236230	9495511657	kodancherypanchayath@gmail.com
Kunnamangalam Block					
63	Kodiyathur	Sainaba Chalil	0495-2209130	9645504437	kodiyathoorgp@gmail.com
64	Kuruvattoor	K Manjula Movillari	0495-2810295	8547367266	secretarykuruvattoor@gmail.com
65	Mavoor	Deepa Puliyappuram	0495-2883133	9961712613	mavoorgp@gmail.com
66	Karassery	Reena Prakash	0495-2297172	9048615099	gpkarassery@gmail.com
67	Kunnamangalam	M Dhaneesh Lal	0495-2800275		kunnamangalamgp@gmail.com
68	Chathamangalam	K E Rajagopalan	0495-2287274	8086408077	chlmgp@gmail.com
69	Mukkam	N Surendranad	0495-2297132	9447884673	mukkamgramapanchayath@gmail.com
70	Peruvayal	P Asmabi	0495-2492049	9847340499	gpperuvayal@yahoo.com
71	Perumanna	A P Peedambaran	0495-2431880	9946364046	P.P.Perumanna@gmail.com
Kozhikode Block					
72	Kadalundy	Shailaja Teacher	0495-2470227	9895257614	secretarykdyy@gmail.com
73	Ramanattukara	NC Hamsakkoya	0495-2440095	9846600006	ramanattukaragp@gmail.com
74	Feroke	Sarasu Valakkada	0495-2482242	9605408018	secretary.farokegp@gmail.com.
75	Olavanna	K Sukathan	0495-2430788	9048574733	

NAME AND PHONE NUMBER OF WARD MEMBERS (CORPORATION)

Ward name	Ward member	Phone number	
Elathur	C M Sunikumar	9895014616	
Chettikkulam	K Nisha	9995403973	
Eranjikkal	Kattadath Hajara	9746128513	7736681220
Puthur	M Radhakrisnan Master	2460860	9349883039
Mokavur	Limna Suresh	9496307070	
Kundupparambu	Manju Chandran	2377541	9847133026
Karuvissery	V Sudheeran	3213027	9961485866
Malapparambu	P T Abdul Latheef	9447173227	
Thadambattuthazham	O Sadashivan	2377299	9947616770
Vengery	M Sreedaran	9947242708	
Poolakkadavu	Jaamma Kunjunny	2731701	9446094701
Paroppadi	K C Shobhitha	2372626	9495983477
Sivil Station	K Sathyanadhan	2376126	9847450481
Chevarambalam	K T Pathmaja	9387155556	
Vellimadukunnu	K Balagopalan	9995075610	9387518720
Muzhikkal	M P Hameed	2730820	9447030820
Chelavur	Shinoj Kumar	2353403	9847166001
Mayanad	Amina Teacher	2356784	9447760884
Med.College South	E M Soman	2357048	9995337120
Med.College	M Mohan	2352509	9847631753
Chevayur	Vidhya Balakrishnan	3212539	9744620530
Kovur	Meera Darshak	2357889	9388648621
Nellikod	K Devaki	2743505	9746107474
Kudilthod	Anitha Krishnanunni	9061879829	
Kottooli	Anitha Rajan	2740014	9037702316
Parayanjery	K Raveendran	2744490	9349525353
Puthiyara	K Shreekumar	2742116	9447042116
Kuthiravattom	Chembil Vivekanandan	2744397	9605252008
Pottammal	A K Premajam	2740463	9447433150
Kommery	Kavitha Arun	2743858	9895500263
Kuttiyil Thazham	T P Koyamoideen	2744978	9947115095
Pokkunn	K T Beeran Koya	2331248	9447131248
Kinassery	Sreevally Raman	9342502540	
Mankavu	K Saudamini Teacher	2331330	9495090796
Azhchavattom	N C Moyinkutty	2332374	9447072436
Kallai	Sudhamani M C	2324410	9995180780

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Panniyankara	Adv.A V Anwar	9633123454	9947778899
Meenchanda	Ushadevi Teacher	2320545	9447884111
Thiruvannur	Ayishabi Pandikashala	9895680298	
Areekkad North	Salma Rahman	2421620	9447635535
Areekkad	Nabeesa Saidu	2483197	9895044588
Nallalam	Sabitha Kodi	8907623275	
Kolathara	Shareena	9747841523	
Kundayithodu	Girija Haridas	2482870	8089455842
Cheruvannur East	Shreeja Hareesh	9495956851	
Cheruvannur west	T Moideen Koya	2482044	9847429910
Beypore Port	Jalaja P	9495144289	
Beypore	Rajani	2416544	9656207811
Marade	Ponnath Devarajan	9895209116	
Naduvattaom	Vennakkad Praseeja	9048842423	
Punjappadam	P V Haidarali	9037539106	
Arakkinar	K K Saifunnisa	2147276	9544141714
Mathottam	T Hassan	2415586	9447015586
Kappakkal	P V Avaran	2321176	9656430530
Payyanakkal	Musaafir Ahammede	2305515	9526022223
Chakkunkadavu	M K Swaminadhan	3247390	9746028055
Nugadaar	Brazeelia Shamsudheen	9995641114	
Kuttichira	K P Abdullakkoya	2325178	9895615973
Chalappuram	M T Pathma	2766943	9447166943
Palayam	Sakariya P Husain	6410185	9947141400
Valiyangadi	Pottangadi Kishanchand	9947046565	
Moonnalingal	Geen Moses	2369303	9349813792
Thiruthiyad	Bharadhwaj O M	9961454509	
Eranjippalam	K Sini	9847398048	
Nadakkavu	Arangil Kamala Ragunaad	2381682	9633340234
Vellayil	K Muhammed Ali	9447337498	
Thoppayil	T Sujan	9447443081	
Chakkorathkulam	C K Renukadevi	2383122	9446437122
Karapparambu	P Shreekumar	2380733	9847348476
East Hill	Krishnadas	6529947	9387808532
Athanikkal	C S Sathyabhama	9895768176	
West hill	C P Salim	2383669	9847160471
Edakkad	K V Baburaj	9495176916	
Puthiyangadi	T K Saudabi	9895256840	
Puthiyaappa	V K Mohandas	2460300	9447082212

ANNEXURE 7

LIST OF STATE HIGH WAYS & NATIONAL HIGH WAYS IN KOZHIKODE DISTRICT

List of State High Ways & National High Waysi Kozhikode District			Length (km)
SH	Kozhikode - Nilmbur - Gudallur Road	Kozhikode -- Velluvambram - Manjeri junction - Nilambur - Chungathara - Edakkara - Vazhikadavu - State boundary103	103.6
SH	Kozhikode - Vythiri - Gudallur Road	Kozhikode(NH17) - Malabar Christian College - Civil Station, Kozhikode - Kunnamangalam - Padanilam - Thamarassery - Chellot - Chitragiri - State Boundary - Road to Gudallor	97
SH 29	Koilandy-Thamarassery Road	Mukkom -Areakode -Edavanna RoadKoyilandy town - Kannur town - Balusseri bazar - Panangad - Kidavur - Thamarasseri - joins SH 29 - Edavanna junction (joins Kozhikode - Nilambur - Gudalloor Road)	44
SH	Kozhikode – Perambra –Peruvannamoozhi – Padinjerehara – Kalpetta Road	Kozhikode - Puthiyangadi – Ulliyeri – Perambra – Poozhithodu – Peruvannamoozhi – Padinjerehara – Kalpetta	99
SH	Mini Bypass : Meenchanda to Westhill		
NH 212	Kozhikode - Muthanga (Kozhikode - Mysore)		
NH 213	Palakkad - Kozhikode		117
NH 17	Panavel - Edappally (Bypasses to be built at Kannur, Kozhikode, Thalassery - Mahe and Kodungalloor)		125.3

ANNEXURE 8

LIST OF RAILWAY STATIONS WITH PHONE NUMBER IN KOZHIKODE DISTRICT

Station	Phone Numbers
Kozhikode Main	0495 2703822
Kadalundi	0495-2470244
Feroke	0495-2482280
Kallai	0495-2320544
Vellayil	
Westhill	0495-2384108
Elathur	0495-2462041
Chemancheri	
Koyilandy	0496-2620255

Vellarakad	
Tikkodi	
Payyolli	0496-2600080
Iringal	
Vadakara	0496-2524254
Nadapuram	
Mukkali	

ANNEXURE 9

POLICE STATIONS IN KOZHIKODE CITY

Designation	STD Code	Office
CP KKD CITY	0495	2722911
AC Admn.	0495	2722673
Crime Stopper	0495	1090
AA/Manager, CPO	0495	2722673
DC AR, Kozhikode City	0495	2370788
AR Camp	0495	2370788
AC Police, Control Room	0495	2721831
CI, Control Room	0495	272831
Control Room	0495	2721831/100
AC Traffic South	0495	2721017
AC Traffic, North	0495	2721017
CI City Traffic	0495	2721017
AC Kozhikode South	0495	2721231
CI Kozhikode Town	0495	2366232
Kozhikode Town PS	0495	2366232
Chem Mangad PS	0495	2304178
CI KKD Kasaba	0495	2320860
KKD Cusba PS	0495	2722286

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Panniankara PS	0495	2320860
CI Cheruvannur	0495	2402843
Nallalam PS	0495	2402843
Feroke PS	0495	2402230
Beypore PS	0495	2414002
AC Kozhikode North	0495	2720587
CI Medical College	0495	2357691
Medical College PS	0495	2357691
Mavoor PS	0495	2483124
CI Nadakkavu	0495	2766433
Nadakkavu PS	0495	2766433
Elathur PS	0495	2462045
CI Chevayur	0495	2371403
Chevayur PS	0495	2371403
Kunnamangalam PS	0495	2200256
Vanitha PS	0495	2724070
Police Surgeon	0495	2355518
	0493	2711439
LIST POLICE STATIONS IN KOZHIKODE RURAL		
Designation	STD Code	Office
SP KKD RURAL	0496	2523100
Dy SP (Admn)	0496	2523031
DPO	0496	2523031
DY SP DCRB	0496	2522605
DY SP SB	0496	2523041
DY SP Narcotic Cell	0496	
DY SP, Crime Dept.	0496	

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Crime Stopper Cell	0496	2523091
AC, AR	0495	2371568
AR Camp	0495	2371568
ASP Vatagara	0496	2522466
CI Vatagara	0496	2524206
Vatagara PS	0496	2524206
CI Payyoli	0496	2602034
Payyoli PS	0496	2602034
Meppayur PS	0496	2676220
CI Nadapuram	0496	2550225
Nadapuram PS	0496	2550225
Edachery PS	0496	2547022
CI Kuttiyadi	0496	2597100
Kuttiyadi PS	0496	2597100
Thottilpalam PS	0496	2565890
CI Perambra	0496	2611475
Perambra PS	0496	2610242
Peruvannamuzhy PS	0496	2662234
Kooranchundu PS	0496	2660222
Dy SP Thamarassery	0495	2222240
CI Thamarassery	0495	2222240
Thamarassery PS	0495	2222240
Thiruvambadi PS	0495	2252038
Kodenchery PS	0495	2236236
CI Koduvally	0495	2210370
Koduvally PS	0495	2210213
Mukkom PS	0495	2297133

Kakkur PS	0495	2260233
CI Koyilandy	0496	2620236
Koyilandy PS	0496	2620236
CI Balussery	0496	2642040
Balussery PS	0496	2642040
Atholy PS	0496	2672233

ANNEXURE 10

**LIST OF GOVT AND PRIVATE HOSPITALS, PHC AND CHCS UNDER
DMO KOZHIKODE**

Sl No	Name	Bed capacity	Agency/Owner
1	Medical College Hospita lKozhikode	5587	Government/The Superiendent
2	Malabar Medical College		
3	IMCH	740	Government/The Superiendent
4	Institute of chest disease Kozikode	100	Government/The Superiendent
5	General Hospita lKozhikode	550	Government/The Superiendent
6	Taluk Hospital Koylandi	205	Government/The Superiendent
7	Taluk Hospital Vadakara	210	Government/The Superiendent
8	Woman & Children Hospital kozhikode	295	Government/The Superiendent
9	Govt. Hospital Nadapuram	110	Government/The Superiendent
10	Babymemorial Hospital Kozhikode	480	Private/B M Hospital limited
11	MIMS Hospital Kozhikode	400	Prvate/MIMS Trust
12	Sarada Hospital west Nadakkavu Kozhikode	11	Private/ The Superiendent
13	Fathima Hospital Kozhikode	250	Private/ The Superiendent
14	St.Joseph Hospital Mukkom	100	Private/ The Director
15	Rejendra Nursing Home Kozhikode	50	Private/ The Superiendent
16	K M C HospitalKoylandi	40	Private/ The Superiendent
17	Nirmala hospital ,Vellimadukunnu, Kozhikode	350	Private/The Director
18	Vadakara Sahakarana Asupathri	300	Co-operative
19	I C D Kozhikode	100	Government/The Superiendent

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

NUMBER OF ALLOPATHIC MEDICAL INSTITUTIONS UNDER DMO KOZHIKODE

Sl.No.	Name of institution	Phone. No	Sanctioned Bed	R/U
1	General Hospital Kozhikode	4952365367	550	U
2	District Hospital Vadakara	4962524259	210	U
3	W&C Hospital Kozhikode (Speciality)	4952721998	295	U
4	Mental Health Centre Kozhikode(Speciality)	4952741386	474	U
5	Leprosy Hospital KKD (Speciality)	4952355840	263	U
6	T.B Centre KKD	4952740951	0	U
7	THQH Koyilandy	4962620241	159	U
8	TH Ferook	4952482513	24	R
9	TH Kuttiady	4962597173	104	R
10	TH Nadapuram	4962552480	110	R
11	TH Thamarassery	4952222098	67	R
12	TH Perambra	4962610575	38	R
13	TH Balussery	4962642150	75	R
14	GRDVellimadukunnu	4952373713	0	U
COMMUNITY HEALTH CENTRES				
1	CHC Koduvally	4952214590	30	R
2	CHC Koorachundu	4962661939	24	R
3	CHC Ulliyeri	4962654226	16	R
4	CHC Orkkatteri	4962547182	12	R
5	CHC Kunnummel	4962448299	24	R
6	CHC Mukkam	4952297260	18	R
7	CHC Cheruvady	4952208150	0	R
8	CHC Narikkuni	4952246200	30	R
9	CHC Thalakkulathur	4952853005	18	R
10	CHC Thiruvallur	4962592340	24	R
11	CHC Meladi	4962602170	35	R
12	CHC Thiruvangoor	4962634260	12	R
13	CHC Valayam	4962460370	16	R
14	CHC Olavanna	4952430074	18	R
15	CHC Kodenchery	4952237960	6	R
16	CHC Cheruvanoor	4952487090	0	R
24X7 PHC'S				
1	24X7 PHC Meppayoor	4962677505	24	R
2	24X7 PHC Kunnamangalam	4952805170	18	R
3	24X7 PHC Cherupa	4952492045	16	R
4	24X7 PHC Puthupady	4962234190	0	R
5	24X7 PHC Ramanattukara	4952441600	24	R
6	24X7 PHC Beypore	4952415303	6	U
PRIMARY HEALTH CENTRES				

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1	PHC Vadakara	4962515422	0	U
2	PHC Eramangalam	4962705880	0	R
3	PHC Panangad	4962640066	0	R
4	PHC Mangad	4962647565	0	R
5	PHC Kakkayam	4962698191	12	R
6	PHC Vayalada	Nil	0	R
7	PHC Kayanna	4962659568	0	R
8	PHC Atholi	4962674898	6	R
9	PHC Naduvannur	4962650870	0	R
10	PHC Kottur	4962656675	0	R
11	PHC Azhiyur	4962502820	0	R
12	PHC Madappally	4962502170	0	R
13	PHC Chorode	4962514844	0	R
14	PHC Peruvannamuzhi	4962662002	6	R
15	PHC Pannikkottur	4962248760	0	R
16	PHC Koothali	4962663462	0	R
17	PHC Changaroth	4962670055	0	R
18	PHC Avala	4962765050	0	R
19	PHC Nochad	4962613344	0	R
20	PHC Narippatta	4962447383	4	R
21	PHC Kayakkodi	4962587087	0	R
22	PHC Purameri	4962581880	0	R
23	PHC Velom	4962770880	0	R
24	PHC Kunduthode	4962566004	0	R
25	PHC Maruthonkara	4962565530	0	R
26	PHC Thiruvambadi	4952255775	0	R
27	PHC Koodaranhi	4952255715	0	R
28	PHC Kuruvattur	4952811900	0	R
29	PHC Kodiyathur	4952209399	24	R
30	PHC Karasseri	4952297051	0	R
31	PHC Choolur	4952801177	0	R
32	PHC Perumanna	4952432240	0	R
33	PHC Madavoor	4952244094	0	R
34	PHC Kakkur	4952552063	0	R
35	PHC Kizhakkoth	4952201200	0	R
36	PHC Kolathur	4952456191	0	R
37	PHC Omassery	4952282600	0	R
38	PHC Kakkodi	4952265111	12	R
39	PHC Puthiyappa	4952460100	0	U
40	PHC Iruvallur	4952260575	0	R
41	PHC Ayanchery	4962224267	0	R
42	PHC Maniyur	4962537350	0	R
43	PHC Villiappally	4962534200	0	R

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44	PHC Thurayur	4962470366	0	R
45	PHC Arikkulam	4962696731	0	R
46	PHC Iringal Kottakkal	4962602366	0	R
47	PHC Keezhariyur	4962695818	0	R
48	PHC Moodadi	4962693150	0	R
49	PHC Chengottukavu	4962630564	0	R
50	PHC Vanimel	4962562904	0	R
51	PHC Chekkiad	4962571965	0	R
52	PHC Thuneri	4962557287	0	R
53	PHC Edachery	4962441115	0	R
54	PHC Chaliyam	4952470425	0	R
55	PHC Cheruvannur-Nellalam	4952422235	0	U
56	PHC Kattippara		0	R
57	PHC Peruvayal		0	R

DETAILS OF BED STRENGTH

SI No	Name of Hospital	Bed Strength
1	General Hospital, Calicut	550
2	Govt. Hospital, Koyilandy	159
3	Govt. Hospital, Nadapuram	110
4	Govt. Hospital, Vatakara	210
5	W & C Hospital, Calicut	295
6	IMCH, Calicut	740
7	Govt. Leprosy Hospital, Calicut	263
8	Govt. Mental Health Centre, Calicut	474
9	Balussery	75
10	Kuttiady	104
11	Mukkom	18
12	Narikuni	30
13	Orkattery	12
14	Koduvally	30
15	Perambra	38
16	Thalakulathur	18
17	Thamarassery	67
18	Thiruvallur	24
19	Ulliyeri	16
20	Mch Unit Cheroopa	16
21	Melady	35
22	Olavanna	18
23	Thiruvangoor	12
24	Valayam	16

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

25	Atholi	6
26	Beypore	6
27	Feroke	24
28	Kakkodi	12
29	Kodiyathur	24
30	Koorachundu	24
31	Kunnamangalam	18
32	Kunnummal	24
33	Meppayur	24
34	Ramanattukara	24

BLOOD BANKS IN THE GOVERNMENT AND CO - OPERATIVE SECTOR

Sl.No	Blood bank	Contact Number	Govt/Co-operative
1	Medical College Hospital Blood Bank	0495 2357457	Govt
2	Govt. General Hospital , Kozhikode	0495 2365367	Govt
3	Govt. W & C Hospital, Kottapparamba	0495 2721998	Govt
1	Badagara Sahakarana Asupathri Ltd., Vadakara	0496- 2524654	Co - operative
2	Kozhikode District Co - Operative Hospital	0495 2766820	Co - operative

ANNEXURE 11

LIST OF BSNL OFFICES IN KOZHIKODE DISTRICT

Name Of Exchange	Std Code	Tele. No.	Name OIC	Design	Mob.No
Asokapuram	0495	2770000	SUNIL K	SDE	9447024100
Beypore	0495	2415000	RAJU K	TTA	9495860423
Cheekilode	0495	2455200	Rathi	SDE	9486105182
Chelannur	0495	2260000	Rathi	SDE	9486105182
Cherupa	0495	2492000	Prabhakaran K	TTA	9495784299
Cheruvadi	0495	2209200	Ananth G	TTA	8547597880
Chevayur	0495	2354100	Rahul Koliyot	SDE	9447116800
Elathur	0495	2462000	Sreenarayanan K P	SDE	9446326656
Feroke	0495	2482000	Rajesh A	SDE	9447133666
Kadalundi	0495	2470900	Sukumaran	TTA	9446500666
Kakkodi	0495	2265000	Sheela K V	JTO	9446077275
Kattippara	0495	2270298	Mohammed Basheer	SDE	9446488450

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Kodencheri	0495	2236000	Narayanan A K	SDE	9446091322
Koduvally	0495	2213000	Mohanan V	JTO	9446456161
Koompara	0495	2277000	Abdul Majeed T	SDE	9447051212
Kunnamanagalam	0495	2800000	Sujesh Koomully	SDE	9418997999
Kuruvattur	0495	2810000	Rajendran B	JTO	9446463354
Maikkavu	0495	2248163	Hijosh	JTO	9497722977
Malaparamba	0495	2370080	Pradeep Kumar E	SDE	9446371470
Mananchira	0495	2720720	SUNIL K	SDE	9447024100
Mankav	0495	2331000	Remadevi C V	JTO	9446733929
Mavoor	0495	2883000	Prithiraj John	JTO	9446535211
Mukkam	0495	2297150	Lovely Joseph	SDE	9446578515
Nallalam	0495	2420600	Sivajnanam K B	JTO	9446565520
Nanminda	0495	2856000	Sheela K V	JTO	9446077275
Narikkuni	0495	2246000	Binoy I P	JTO	9400059955
Nellikode	0495	2741000	Joharabi S A	SDE	9446362030
Omasseri	0495	2281750	Hijosh	JTO	9497722977
Palayam	0495	2300500	Ibrahim M	SDE	9447728200
Panniankara	0495	2321900	Soumini V K	SDE	9446479947
Pantheerankave	0495	2430000	George P U	SDE	9446568808
Puduppadi	0495	2235500	Mohammed Basheer	SDE	9446488450
Pulloorampara	0495	2276298	Narayanan A K	SDE	9446091322
Puthiyangadi	0495	2391000	A Padmanabhan Nair	TTA	8547353200
Ramanatukara	0495	2440000	Sivajnanam K B	JTO	9446565520
Rec-Chathamangalam	0495	2288000	Cijo P Joseph	JTO	9400054345
Talakulathur	0495	2853000	Jacob Sydney	TTA	9497216306
Thamarasseri	0495	2220000	Ramachandran M K	SDE	9446034055
Tiruvambadi	0495	2252300	Abdul Majeed T	SDE	9447051212
Valiyaparamba	0495	2200000	Velayudhan K P	TTA	9497580800
Vellayil	0495	2768400	Ramakrishnan N	SDE	9447749800
Vellimadukunnu	0495	2730080	Pradeep Kumar E	SDE	9446371470
West Hill	0495	2380000	Geetha T	SDE	9447004477
Arikkulam	0496	2695400	Kamalakshi P K	SDE	9447966400
Arur	0496	2580100	Chandran I	SDE	9446316868
Atholi	0496	2672000	Indira T K	SDE	9446546122
Avala	0496	2765000	Remya Napoleon	JTO	9446491015
Badagara	0496	2516000	Abu Rezzal M N	SDE	9446055060
Balusseri	0496	2642050	Akhilesh K C	JTO	9447129446
Bhoomivathukkal	0496	2560101	Rijesh C K	JTO	9446411905
Chakkittapara	0496	2662200	Chandran P M	JTO	9447779445
Chembanode	0496	2666200	Chandran P M	JTO	9447779445
Chombala	0496	2501000	Subin S	JTO	9446078035
Edacheri	0496	2548000	Raveendran K	SDE	9446522244
Iringannur	0496	2440000	Raveendran K	SDE	9446522244

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Kakkattil	0496	2447500	Sreejith S	SDE	9446565950
Kakkayam	0496	2698000	Chandran P M	JTO	9447779445
Kokkallur	0496	2706000	Indira T K	SDE	9446546122
Koomully	0496	2700000	Indira T K	SDE	9446546122
Koorachund	0496	2660000	Chandran P M	JTO	9447779445
Koottalida	0496	2657000	Chandran P M	JTO	9447779445
Kuttiadi	0496	2597000	Midhun P K	JTO	9400051008
Makool Peedika	0496	2527800	Amritha Rajan	JTO	9446446562
Meladi	0496	2602050	Abdurahiman K V	SDE	9446404077
Meppayur	0496	2676000	Noufal K	JTO	9446466122
Mokeri	0496	2588000	Chandran P P	TTA	9495839808
Moodadi	0496	2690000	Kamalakshi P K	SDE	9447966400
Muyipoth	0496	2775000	Noufal K	JTO	9446466122
Nadapuram	0496	2552000	Prasobhan T	SDE	9446029898
Naduvannur	0496	2652000	Balakrishnan B	SDE	9446543188
Palayadunada	0496	2536000	Chandran I	SDE	9446316868
Paleri	0496	2668600	Remya Napoleon	JTO	9446491015
Parakkadavu	0496	2572000	Govindan Karuvankandy	SDE	9446536330
Payyoli Bazar	0496	2470006	Abdurahiman K V	SDE	9446404077
Perambra	0496	2610000	Govindankutty Nair	JTO	9446566811
Pookad	0496	2688000	Indira T K	SDE	9446546122
Quilandi	0496	2620800	Balakrishnan B	SDE	9446543188
Thiruvallur	0496	2592020	Valsalan N	SDE	9446536101
Thottilpalam	0496	2565500	Midhun P K	JTO	9400051008
Unnikulam	0496	2647000	Kamalakshi P K	SDE	9447966400
Valayam	0496	2460000	Rijesh C K	JTO	9446411905
Velam	0496	2770000	Sreejith S	SDE	9446565950
Vengalam	0496	2634000	Sreenarayanan K P	SDE	9446326656
Vilangad	0496	2467900	Rijesh C K	JTO	9446411905
Villiappally	0496	2535000	Sudheevan E	JTO	9446565590

ANNEXURE 12

LIST OF VISUAL MEDIA WITH ADDRESS AND PHONE NUMBER

Print Media	Address	Phone Number	Fax	Email
ACV	Ram Mohan Road, Stadium Junction, Kozhikode	0495-2720313, 3043342		multitechacv@gmail.com
Amritha TV	Vaikom Muhammed Basheer Road, Mananchira, Kozhikode.1	0495-2727824	0495-2727825	
Asianet News	P.T. Usha Road, 4th Gate, Kozhikode	9847036674	0495-2368111	anglt@asianetnews.in
Indiavision	RBG Arcade, Opp.Gandipark, Cherooty Road, Kozhikode	9446566992		
Jaihind T V	Forth Gate Tower, P T Usha Road, Kozhikode 32	0495-2767786, 3087102		jaihindnews@gmail.com
Jeevan News	Madhava Pharmacy Building,P T Usha Road,Kozhikode	0495-2368555		
Kairali /people TV	P.T. Usha Road,District colony, Kozhikode	0495-2367555	0495-2365151	kairalitvcalicute@gmail.com
KCL Time News	Lalitha Building, Kandam kulam, Tali	9287983880		kclkozhikode@gmail.com
Manorama News	Nadakkavu, Kozhikode	0495-2367920, 212223	0495-2367925	
Mathrubhumi News	MM Press, Cherooty Road, Kozhikode	0495-2765381, 2765384, 2765388	0495-2760138	
Media one	Kalpaka Tourist Home, Near crown Theater	8943347407		clt.mediaonetv@gmail.com
Reporter	Zam Zam Building, Near Bus Stand, Mavoor Road	0495-2721868		

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Spidernet	Mootoli, Kakkodi, Kozhikode-673611	0495-2265480, 3292478		spidernetvnews@gmail.com
Surya TV	5th Floor, City Mall Building, YMCA, Kannur Road, Kozhikode	0495-4040669		

ANNEXURE 13

LIST OF PRINT MEDIA WITH ADDRESS

Print Media	Address	Phone Number	Fax	Email
Candrika	Y.M.C.A Road, PB.No:64, Kozhikode	0495-2766032	0495-2765950	chadrika100@gmail.com
Decan Cronicle	City Mall, Opp. YMCA, Kannur Road, Kozhikode	0495-2360067	0495-4019018	
Deepika/ Rashtra Deepika	Sreevalsam Building, East Nadakkavu	0495-3043107 (108,109), 3042422	:0495 3043043	deepikaclt@deepika.com
Deshabhimani	Convent Road, Calicut	0495-2366178, 2365129, 2365286	0495-2365883	cltdesabhimani@gmail.com
Dinathanthi	EF 5212, Bilathikulam Housing Colony, Eranhipalam Post, Calicut- 673006	0495-2360783		
Janayygom	3/1052- A, Panicker Road, Near 6th Raailway Gate, P.O. Nadakkave- 673011	27,601,002, 760,101	0495-4015817	janayugomnewsclt@gmail.com
Janmabhumi	Alfa building, Railway Station Link Road, Calicut-673001	0495-2704882, 2702882		janma2009@gmail.com

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Kerala Bhooshanam	City Tower, Mavoor Road, Calicut-4	0495-2728080, 4016565		cltkbnews@gmail.com
Kerala Koumudi	Thondayad, Nellikode	0495-3911315, 3911300	0495-2354961	cltdesk@gmail.com
Keralasabdham	Thalakkulathur , Kozhikode 673317			
Madhyamam	Silver Hills, Kozhikode	27,315,002, 731,600	0495-2731319	cltbureau@madhyamam.com
Malayala Manorama	Nadakkavu, Kozhikode-11	0495-2766305	0495-2369947, 2760660	:manclt@mm.co.in
Malayalam News	Beegum Complex, UK Sankunni Road	0495-2761146	0495-2762551	malnews@gmail.com
Mangalam	Mangalam Complex, Dutt Sawmill Road, Kallai.	2320063, 2323064	0495-2323062	newsclt@gmail.com, mangalamclt@yahoo.com
Mathrubhumi	K.P. Kesava Menon Road	0495 236665	0495-2366656	mbiclt@mpt.com.in
Metro Vartha	Nayanam,17/666A, Opp.Sabha School,Puthiyara Road , Kozhikode-673004	30,498,883, 049,889	0495-3049891	cltbureau@metrovartha..com
News Kerala	Premier Building, Railway Station Link Road,Kozhikode-673002	0495-2702138, 4040005		newsKERALA01@yahoo.com, newsKeraladaily@gmail.com
People's Review	Neerakulath Building, R.C. Road, Kozhikode	0495-2769086		
Pradeepam	S.M. Street, Kozhikode	0495-2720780	0495-2721991	pradeepamdaily@gmail.com
Prahelika (Evening Daily)	Rahmath mahal, Kallai Road, Calicut.2			
Press Trust of India	44/199,Pottekath House, Balan N Nair Road, near Muthapan Kave, Kozhikode-673006	0495-277020		kkdpti@gmail.com
Siraj	East Nadakkavu, Kozhikode	0495-2766949	0495-2367623	advtsirajdailygov@gmail.com

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

The Gulf Today	C/O Computer Gurukulam, Cee Building, Mavoor Road, Kozhikode			
The Hindu	Shaaz Building, Kannur Road, Kozhikode	0495-2762201-04	0495-2760763	kozhikodehindu@gmail.com
The New Indian Express	East Hill Road, Kozhikode	0495-2382799	0495-2381247	kozhikode@newindianexpress.com
Thejas	Media City, Nallalam.P.O. Kozhikode-27	0495-3061111, 3243434, 4021000	0495-2722710, 2422079, 2422241	news@thejasonline.com
The Times of India	Bhumidaya Grandeur, Nadakkave Cross Road, Kozhikode	0495-6630804	0495-6630825	
United News of India	M Square Complex, Second Floor, Pavamani Road, Kozhikode	0495-2722321		uniclt@gmail.com
Varthamanam	Sabha School Cross Road, Puthiyara P.O, Kozhikode-04	0495-2721555, 8891040406	:0495 2723552	news@varthamanam.com
Veekshanam	Sree Ganesh Arcade, Vandipetta, Nadakkave, Kozhikode	0495-2767611, 2767612	0495-2767611	cltveekshanam@gmail.com

ANNEXURE 14

RADIO STATIONS IN KOZHIKODE DISTRICT

RADIO STATION			
Radio stations	No	Contact No	Frequency Range
All India Radio Calicut(AM)	1	Dy.Director (programme)- 2366455, Dy.Director (Engineering)-2366222, PBX Nos : 2366027, 2366132, 2366233 Regional News unit (RNU)- 2366265	684KHz (10kw mw)
All India Radio Real FM	1	contact No as above	103.6(FM)
Radio Mango 91.9		0495 - 2392920	91.9
Red FM 93.5		4954023935	93.5

ANNEXURE 15

LIST OF PONDS IN KOZHIKODE DIVISION UNDER MINOR IRRIGATION DEPARTMENT

Sl. No	Name of Pond	Name of Grama Panchayath/ Municipality/ Corporation with Code & No.	Costodian of the Pond
1	Dhobi Kulam	Azhiyur Panchayath	Public
2	Chirayil Peedika Chettiyara Kulam	Azhiyur Panchayath	Public
3	Para Devatha Kshetra Kulam	Azhiyur Panchayath	Temple Committee
4	CheruMeettathil Kulam	Azhiyur Panchayath	Public
5	Poklorath thazhe Rayaroth Kulam	Ayanchery Panchayath	Public
6	Ayadathil Thuroppoyil Kulam	Ayanchery Panchayath	Public
7	Kadameri-Paleri Thazhe Kulam	Ayanchery Panchayath	Public
8	Pullanjholi kulam	Chorode Panchayath	Public
9	Thazhe Koyiloth Kulam	Chorode Panchayath	Temple Committee
10	Kulakkatt Puram Kulam	Chorode Panchayath	Private
11	Kayyerikkal Thazhe Kulam	Chekkiyad Panchayath	Public
12	Cheriyalthazhe Kulam	Chekkiyad Panchayath	Public
13	Vengali Kulam	Edacheri Panchayath	Public
14	Kaliyamvalli Kulam	Edacheri Panchayath	Public
15	Malayam Kulam	Edacheri Panchayath	Public
16	Panodaththazhe Kulam	Edacheri Panchayath	Public
17	Koovalathilthazhe Kulam	Edacheri Panchayath	Public
18	Kulangarath Thazhe Kulam	Edacheri Panchayath	Public
19	Moyathumkundu Kulam	Eramala Panchayath	Public
20	Vengolipoyil Kulam	Eramala Panchayath	Public
21	KannapathKulam	Eramala Panchayath	Public

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

22	Edavanna Ambala Kulam	Eramala Panchayath	Temple Committee
23	Kakkattu Ellam Kulam	Eramala Panchayath	Temple Committee
24	Kamath Kandy Elam Kulam	Eramala Panchayath	Temple Committee
25	Moyilothara Kulam	Kavilumpara Panchayath	Private
26	Kunduthode Kulam	Kavilumpara Panchayath	Private
27	Kappumchal Kulam	Kayakkodi Panchayath	Public
28	Chettukuzhi Kulam	Kayakkodi Panchayath	Public
29	Karayathamboyil Kulam	Kayakkodi Panchayath	Public
30	Kizhakkepallithara Kulam	Kayakkodi Panchayath	Public
31	Valayannur Chira	Kuttiyadi Panchayath	Public
32	Pantheeradi Kulam	Kuttiyadi Panchayath	Public
33	Kattumuricha Parambath Kulam	Kunnummal Panchayath	Public
34	Vattoli Thazhe Mukku Kulam	Kunnummal Panchayath	Public
35	Pathirapatta Meethal Vayal Kulam	Kunnummal Panchayath	Public
36	Puliyamatt Kulam	Kunnummal Panchayath	Public
37	Mavullachalil Kulam	Kunnummal Panchayath	Public
38	Chalothkuni-Panchayath Kulam	Kunnummal Panchayath	Public
39	Narollaparamba Kulam	Kunnummal Panchayath	Public
40	Engorachalil Kulam	Maruthonkara Panchayath	Public
41	Sivakshetra Kulam	Maruthonkara Panchayath	Temple Committee
42	Pathapparambil Kulam	Maruthonkara Panchayath	Private
43	Modappilavil chira	Maniyur Panchayath	Public
44	Modappilavilpara Kulam	Maniyur Panchayath	Public
45	Neyyur Kulam	Maniyur Panchayath	Public
46	Kuttiapuram Kovilakath Kulam	Nadapuram Panchayath	Public
47	Neerveli Illam Kulam	Naripetta Panchayath	Public
48	Kuniyapoyil Kulam	Naripetta Panchayath	Public
49	Ilangholi veettil Kulam	Naripetta Panchayath	Private
50	Chaliyilthodu Kulam	Naripetta Panchayath	Private
51	Kuttothukandy Valiyangattu Kulam	Naripetta Panchayath	Private
52	Moozhikkal Kulam	Onchiyam Panchayath	Public
53	Arakkal Kulam	Onchiyam Panchayath	Public
54	Panchayath Kulam	Onchiyam Panchayath	Public
55	Mankuzhikappu Kulam	Onchiyam Panchayath	Public
56	Moyiloth Kulam	Onchiyam Panchayath	Public
57	Mulayamkunnathuthazhe Kulam	Onchiyam Panchayath	Public
58	Kappalli Kulam	Purameri Panchayath	Public
59	Ramathvayal Kulam	Purameri Panchayath	Public
60	Ambalaparambath Kulam	Purameri Panchayath	Public
61	Peedikayullathil Kulam	Purameri Panchayath	Public
62	Kovilakam Kulam	Purameri Panchayath	Public
63	Ellikkalpara Kulam	Purameri Panchayath	Public
64	Edavalath Kulam	Purameri Panchayath	Public
65	Kavumkuni Colony Kulam	Thiruvalloor Panchayath	Public
66	C hekkikulam	Thiruvalloor Panchayath	Public
67	Kottapalli Ambala Kulam	Thiruvalloor Panchayath	Temple Committee
68	Thottavayal Thazhe Kulam	Thiruvalloor Panchayath	Public

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69	Punathil Thazhe Kulam	Thiruvallloor Panchayath	Public
70	Palolathil Kulam	Thiruvallloor Panchayath	Public
71	Olippilthazhe Kulam	Thiruvallloor Panchayath	Public
72	Idavazhikundu Kulam	Thiruvallloor Panchayath	Public
73	Povoodu Kulam	Thiruvallloor Panchayath	Public
74	Kambalottuthazhe Kulam	Thiruvallloor Panchayath	Public
75	Vellakuni Kulam	Thiruvallloor Panchayath	Public
76	Vayalil Kulam	Thuneri Panchayath	Public
77	Nalleri Kulam	Thuneri Panchayath	Public
78	Palakulam	Thuneri Panchayath	Public
79	Anapparakkal Kulam	Thuneri Panchayath	Public
80	Parol Laksham veedu colony Kulam	Thuneri Panchayath	Public
81	Arakkulam	Thuneri Panchayath	Public
82	Manattu Kulam	Villyapalli Panchayath	Public
83	Puthukulangara Kulam	Villyapalli Panchayath	Public
84	Puthiyedath Kulam	Villyapalli Panchayath	Public
85	Achanveedu Kulam	Valayam Panchayath	Public
86	Manjhapalli Kulam	Valayam Panchayath	Public
87	Velliyodu Poyilchira Kulam	Valayam Panchayath	Public
88	Madancheri Kulam	Vanimel Panchayath	Public
89	Aakki Kulam	Velam Panchayath	Public
90	Chirakkalpalli Kulam	Vatakara Municipality	Mosque committee
91	Punnorathkandy kulam	Nochad Panchayath	Irrigation Department
92	Thenachery kulam	Koyilandy Municipality	Irrigation Department
93	Meerangattuthazhe tank	Meppayyur Panchayath	Irrigation Department
94	Nanamchira kulam	Koyilandy Municipality	Irrigation Department
95	Parakkulam	Chemanchery Panchayath	Controlled by Panchayath
96	Krishnakulam	Chemanchery Panchayath	Controlled by Panchayath
97	Meppayikulam	Chemanchery Panchayath	Controlled by Panchayath
98	Chathanadath thazhe-Mappilakandy kulam	Chemanchery Panchayath	Controlled by Panchayath
99	Pathikulam	Chemanchery Panchayath	Controlled by Panchayath
100	Eruviladath kulam	Chemanchery Panchayath	Controlled by Panchayath
101	Poonkulam	Chemanchery Panchayath	Controlled by Panchayath
102	Raman pond	Chengottukavu Panchayath	Controlled by Panchayath
103	Peedikakandi kulam	Chengottukavu Panchayath	Controlled by Panchayath
104	Chevankulam	Chengottukavu Panchayath	Controlled by Panchayath
105	Moothedathkulam	Chengottukavu Panchayath	Controlled by Panchayath
106	Kanhilarikulam	Chengottukavu Panchayath	Controlled by Panchayath
107	Muyipboth kulam	Cheruvannur Panchayath	Controlled by Panchayath
108	Kuttiyottunadakkal kulam	Cheruvannur Panchayath	Controlled by Panchayath
109	Kanjottukulam	Cheruvannur Panchayath	Controlled by Panchayath
110	Puthiyedath kulam	Cheruvannur Panchayath	Private kulam
111	Jammyam parakulam	Cheruvannur Panchayath	Private kulam
112	Padikunnu MM Parakulam	Kayanna Panchayath	Controlled by Panchayath
113	Panhat kulam	Keezhariyur Panchayath	Controlled by Panchayath
114	Puthankulam	Keezhariyur Panchayath	Controlled by Panchayath

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

115	Chembolithazhe kundu kulam	Keezhariyur Panchayath	Private kulam
116	Cherikulam	Koothali Panchayath	Controlled by Panchayath
117	Parakkulam	Koothali Panchayath	Controlled by Panchayath
118	Patterikappu tank	Meppayyur Panchayath	Controlled by Panchayath
119	Manjakulam	Meppayyur Panchayath	Controlled by Panchayath
120	Nambichakandy kadavukulam	Meppayyur Panchayath	Controlled by Panchayath
121	Erattakulam	Nochad Panchayath	Controlled by Panchayath
122	Pulikkool kulam	Nochad Panchayath	Controlled by Panchayath
123	Pulikumadamkulam	Payyoli Panchayath	Controlled by Panchayath
124	Chovvavayal kulam	Payyoli Panchayath	Controlled by Panchayath
125	Nagattankulam	Perambra Panchayath	Controlled by Panchayath
126	Narikkilapuzha	Perambra Panchayath	Controlled by Panchayath
127	Paikulam	Perambra Panchayath	Controlled by Panchayath
128	Pathiyakulangarakulam	Thikkodi Panchayath	Controlled by Panchayath
129	Elayadath kulam	Koyilandy Municipality	Controlled by Municipality
130	Kuppapuram kulam	Koyilandy Municipality	Controlled by Municipality
131	Puliyanchery kulam	Koyilandy Municipality	Controlled by Municipality
132	Thevarkulam	Koyilandy Municipality	Controlled by Municipality
133	Aanakulam	Koyilandy Municipality	Controlled by temple committee
134	Punathumpadikkal temple pond	Chengottukavu Panchayath	-do-
135	Kuniyil Kulam	Madavoor Panchayat	Public
136	Poovangattu kulam	Madavoor Panchayat	Public
137	Ayyarvattam Temple Kulam	Madavoor Panchayat	Public
138	Kuttikulam Kulam	Madavoor Panchayat	Public
139	Noonhikkara Kulam	Madavoor Panchayat	Public
140	Kanniyattu kunda kulam	Madavoor Panchayat	Public
141	Areepadingathu kulam	Madavoor Panchayat	Public
142	Kadukam pally kulam	Madavoor Panchayat	Public
143	Palliyedath thazham kulam	Madavoor Panchayat	Public
144	Puthiyottil thazham Kulam	Madavoor Panchayat	Public
145	Pottammal kulam	Madavoor Panchayat	Public
146	Melpally thazham kulam	Madavoor Panchayat	Public
147	Kizhakkum purath kulam	Madavoor Panchayat	Public
148	Parikkattu kulam	Madavoor Panchayat	Public
149	Kootumpurath thazham kulam	Madavoor Panchayat	Public
150	Thanniyil kulam	Madavoor Panchayat	Public
151	Pilathottathil kulam	Madavoor Panchayat	Pvt.
152	Mukkali illam kulam	Madavoor Panchayat	Pvt.
153	Ayyamkottu kulam	Madavoor Panchayat	Public
154	Eranchottu kulam	Madavoor Panchayat	Public
155	Pokkari kulam	Madavoor Panchayat	Public
156	Pallithazham kulam	Madavoor Panchayat	Public
157	Kallumurikkal thazham kulam	Madavoor Panchayat	Public
158	Mukkadamkadu pallikulam	Madavoor Panchayat	Public
159	edakkattil kulam	Madavoor Panchayat	Pvt.
160	Puthan veettil kulam	Madavoor Panchayat	Pvt.

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

161	Cheruvungottu kulam	Madavoor Panchayat	Pvt.
162	Arekkal kulam	Madavoor Panchayat	Pvt.
163	Puthiyedath kulam	Madavoor Panchayat	Pvt.
164	Vayappurath thazham kulam	Madavoor Panchayat	Public
165	Puthukkottu kulam	Madavoor Panchayat	Public
166	Olothungal kulam	Madavoor Panchayat	Public
167	Muttangery pallikulam	Madavoor Panchayat	Public
168	Thalappana Narasimha Temple Kulam	Chathamangalam Panchayat	Public
169	Keedery kulam	Chathamangalam Panchayat	Public
170	Mundakkali kulam	Chathamangalam Panchayat	Private
171	Pullangottummel kulam	Chathamangalam Panchayat	Public
172	Vazhappadam kulam	Chathamangalam Panchayat	Public
173	Kuttikulam Kulam	Chathamangalam Panchayat	Public
174	Gouthamangalam Kanethrakuzhi kulam	Chathamangalam Panchayat	Public
175	Nayarkuzhi kulam	Chathamangalam Panchayat	Public
176	Poonjanthikara kulam	Chathamangalam Panchayat	Public
177	Palliyol kulam	Mavoor Panchayat	Public
178	Palliyol pothu kulam	Mavoor Panchayat	Public
179	Kacheri kulam	Mavoor Panchayat	Public
180	Marakkuzhi kulam	Mavoor Panchayat	Public
181	Karunganchery kulam	Mavoor Panchayat	Public
182	Kalchira Temple kulam	Mavoor Panchayat	Private
183	Parambath kulam	Mavoor Panchayat	Private
184	Palakkol illakulam	Mavoor Panchayat	Private
185	Kizhuvattu kulam	Mavoor Panchayat	Public
186	Mullappalli kulam	Mavoor Panchayat	Private
187	Kanniparamba Siva Temple kulam	Mavoor Panchayat	Private
188	Palangad illa kulam	Mavoor Panchayat	Private
189	Chittari Temple kulam	Mavoor Panchayat	Public
190	Chittari petrikovil kulam	Mavoor Panchayat	Public
191	Choroth parambu kulam	Mavoor Panchayat	Private
192	Peroor illakulam	Mavoor Panchayat	Private
193	Veettikkattu illakulam	Mavoor Panchayat	Private
194	Pattarmoola kulam Eranhikkal	Mavoor Panchayat	Private
195	Pattarmada kulam Kanniparamba	Mavoor Panchayat	Private
196	Kolangapalli pond	Mavoor Panchayat	Private
197	Edathil kulam	Mavoor Panchayat	Private
198	Ambalakandy kulam	Mavoor Panchayat	Private
199	Ayoth kulam	Mavoor Panchayat	Private
200	Mele ponnankayam kulam	Thiruvambady panchayat	Public
201	Oyikkal kulam	Thiruvambady panchayat	Public
202	Valliyam poyikayil kulam	Thiruvambady panchayat	Private
203	Edathana kunnel kulam	Thiruvambady panchayat	Private
204	Ponnankayam kulam	Thiruvambady panchayat	Private
205	Tharappel kulam	Thiruvambady panchayat	Private

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206	Thenpara kulam	Thiruvambady panchayat	Private
207	Mani kombel kulam	Thiruvambady panchayat	Private
208	Vettikkattil kulam	Thiruvambady panchayat	Private
209	onattu kulam	Thiruvambady panchayat	Private
210	Mavathukkal kulam	Thiruvambady panchayat	Private
211	Tharappel kulam	Thiruvambady panchayat	Private
212	Plaruttathil kulam	Thiruvambady panchayat	Private
213	Ullattil kulam	Thiruvambady panchayat	Private
214	Pullukattu kulam	Thiruvambady panchayat	Private
215	Chukkumuttil kulam	Thiruvambady panchayat	Private
216	Muringayil kulam	Thiruvambady panchayat	Private
217	Kothanikkal kulam	Thiruvambady panchayat	Private
218	Tholakulam	Kuruvatur panchayat	Private
219	Panangad kulam	Kuruvatur panchayat	Private
220	Illath thazham kulam	Kuruvatur panchayat	Private
221	Theruvath kulam	Kuruvatur panchayat	Private
222	Puthukkudi kulam	Kuruvatur panchayat	Public
223	Kizhavalath kulam	Kuruvatur panchayat	Private
224	Erattin kulam	Kuruvatur panchayat	Private
225	Padikkal kulam	Kuruvatur panchayat	Private
226	Pullattu kulam	Kuruvatur panchayat	Private
227	Thachonathil kulam	Kuruvatur panchayat	Private
228	Kalanna kulam	Kuruvatur panchayat	Private
229	Koran kulam	Kuruvatur panchayat	Private
230	Puthukkulam	Kuruvatur panchayat	Private
231	Poomadathil kulam	Kuruvatur panchayat	Private
232	Korampurath kulam	Kuruvatur panchayat	Private
233	Narikkavu kulam	Kuruvatur panchayat	Private
234	Kudukulam	Kuruvatur panchayat	Private
235	Payamra kavu kulam	Kuruvatur panchayat	Private
236	Thottapattil kulam	Kuruvatur panchayat	Private
237	Nanmanath kulam	Kuruvatur panchayat	Private
238	Panakkattu kulam	Kuruvatur panchayat	Private
239	Chundangan kulam	Kuruvatur panchayat	Private
240	Marath kulam	Kuruvatur panchayat	Private
241	Nelliyeri thazham kulam	Kuruvatur panchayat	Private
242	Cheruvatta valora Kshethram kulam	Kuruvatur panchayat	Private
243	Cheruvatta panchayath kulam	Kuruvatur panchayat	Public
244	Koladi Ambala kulam	Kuruvatur panchayat	Private
245	Elora kulam	Kuruvatur panchayat	Private
246	Kakkad para kulam	Kuruvatur panchayat	Private
247	Vavilattu kulam	Kuruvatur panchayat	Private
248	Chambakkodu kulam	Kuruvatur panchayat	Private
249	Kolpurath kulam	Kuruvatur panchayat	Private
250	Kolikkattu kulam	Kuruvatur panchayat	Private
251	Koladippoyil kulam	Kuruvatur panchayat	Private
252	Thuvanchery kulam	Kuruvatur panchayat	Private

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253	Vaniyery kulam	Kuruvatur panchayat	Private
254	Moothedath thazham kulam	Kuruvatur panchayat	Private
255	Punnakkulam	Kuruvatur panchayat	Private
256	Chennikkottu thazham kulam	Kuruvatur panchayat	Private
257	Kakkattu kulam	Kuruvatur panchayat	Private
258	Thayyil thazham valappil kulam	Kuruvatur panchayat	Private
259	Nambiath kulam	Kuruvatur panchayat	Private
260	Pettupurakandiyil kulam	Kuruvatur panchayat	Private
261	Kandam kulam	Kuruvatur panchayat	Private
262	Madhathil kulam	Kuruvatur panchayat	Private
263	Perumandy kulam	Kodiyathur Panchayat	Public
264	Wadi Rahma kulam	Kodiyathur Panchayat	Private
265	Sree krishnapuram Ambala kulam	Kodiyathur Panchayat	Public
266	Sree krishnapuram illa kulam	Kodiyathur Panchayat	Private
267	Cherumthodu kulam	Kodiyathur Panchayat	Public
268	Mankuzhi kulam	Kodiyathur Panchayat	Public
269	Vamattathil kulam	Kodiyathur Panchayat	Private
270	Kochukarottu kulam	Kodiyathur Panchayat	Private
271	Mandapathil kulam	Kodiyathur Panchayat	Private
272	Mysurepatta kulam	Kodiyathur Panchayat	Private
273	Chambakoth Mundayil kulam	Kodiyathur Panchayat	Private
274	Vengapally mundayil kulam	Kodiyathur Panchayat	Private
275	Chembakoth kulam	Kodiyathur Panchayat	Private
276	Palakkan kulam	Kodiyathur Panchayat	Private
277	Pallikkamalayil kulam	Kodiyathur Panchayat	Private
278	Thariyodu kulam	Kodiyathur Panchayat	Private
279	Cheerankunnu kulam	Kodiyathur Panchayat	Private
280	Kalappura kulam	Kodiyathur Panchayat	Private
281	Kaythappoyil kulam	Kodiyathur Panchayat	Private
282	Thirunilath kulam	Kodiyathur Panchayat	Private
283	Eadikunnu kulam	Kodiyathur Panchayat	Private
284	Pallithazhe kulam	Kodiyathur Panchayat	Private
285	Athyathil kulam	Kodiyathur Panchayat	Private
286	Mundottukulangara kulam	Kodiyathur Panchayat	Public
287	Edappatta Panchayath kulam	Kodiyathur Panchayat	Public
288	Chuzhalippurath kulam	Kodiyathur Panchayat	Private
289	Naduviledath kulam	Kodiyathur Panchayat	Private
290	Cheruvakkath illam kulam	Kodiyathur Panchayat	Private
291	Polukunnu kulam	Kodiyathur Panchayat	Private
292	Naipatta kulam Pulparamba	Mukkam Panchayat	Private
293	Hajiyar kulam Pottassery	Mukkam Panchayat	Private
294	Koonthalakulam Pottassery	Mukkam Panchayat	Private
295	Perumthottathil Panchayath kulam	Mukkam Panchayat	Public
296	Cholakkuzhi Panchayath kulam	Mukkam Panchayat	Public
297	Mecheri Temple kulam	Mukkam Panchayat	Private
298	West Mampatta Panchayath kulam	Mukkam Panchayat	Public
299	Bangalam kuzhiyil kulam	Mukkam Panchayat	Public

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300	Peruvayal kulam	Peruvayal panchayat	Public
301	Kodisseri Thazhamparambil kulam	Peruvayal panchayat	Private
302	Poyilil Thadathil kulam	Peruvayal panchayat	Private
303	Karukulam at Pallikkadavu	Peruvayal panchayat	Private
304	Mooriyattu kunnu kulam	Peruvayal panchayat	Public
305	Kalpetty kulam	Peruvayal panchayat	Private
306	Kavil kulam	Perumanna panchayat	Private
307	Parammel kulam	Perumanna panchayat	Private
308	PerumannaSiva Vishnu Temple kulam	Perumanna panchayat	Private
309	Kandiyil kulam	Perumanna panchayat	Public
310	Kavalattu kulam	Perumanna panchayat	Public
311	Pothukulam	Perumanna panchayat	Public
312	Bilathikulam	Kozhikode Corperation	Private
313	Kandam kulam at Kovoov	Kozhikode Corperation	Private
314	Iringadampally kulam	Kozhikode Corperation	Private
315	Nellikode pond at Thondayad	Kozhikode Corperation	Private
316	Mananchira pond	Kozhikode Corperation	Public
317	Garudan pond	Kozhikode Corperation	Public
318	Kuttichira pond	Kozhikode Corperation	Public
319	Puliyathavil thazham pond	Kozhikode Corperation	Public
320	Cholayil pond	Kozhikode Corperation	Public
321	Manjam kuttiyil pond	Kozhikode Corperation	Public
322	Ambalakkulam	Omassery panchayat	Public
323	Parakulam	Omassery panchayat	Public
324	Muyalveetil kulam	Omassery panchayat	Public
325	Kappalath kulam	Omassery panchayat	Public
326	Kunnath kulam	Omassery panchayat	Public
327	Kacheri kulam	Omassery panchayat	Public
328	Kizhakkuveetil kulam	Omassery panchayat	Public
329	Moozhikunnu kulam	Omassery panchayat	Public
330	Velimanna Vattayil kulam	Omassery panchayat	Public
331	Kakkoyil kulam	Omassery panchayat	Public
332	Parakkulam	Karassery Panchayat	Private
333	Kannothkuzhi kulam	Karassery Panchayat	Public
334	Mootoli kulam	Karassery Panchayat	Public
335	Koovappara kulam	Karassery Panchayat	Public
336	Anikkode kulam	Kodenchery panchayat	Public
337	Manjumala kulam	Kodenchery panchayat	Public
338	Chooramunda kulam	Kodenchery panchayat	Public
339	Aramthode kulam	Kodenchery panchayat	Public
340	Kootumbra mala kulam	Kunnamangalam panchayat	Public
341	Manal kulam	Kunnamangalam panchayat	Public
342	Kuttanchira pazhaya kulam	Thalakkulathur Panchayat	Public
343	Annassery kulam	Thalakkulathur Panchayat	Public
344	Muttyembrath kulam	Thalakkulathur Panchayat	Public
345	Cherukulam Chali kulam	Kakkodi Panchayat	Private

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346	Mavettu thazham kulam	Kakkodi Panchayat	Private
347	Payambrath thazham kulam	Kakkodi Panchayat	Private
348	Kalpini kulam	Koodaranhi Panchayat	Private
349	Thelasseri Kulam	Narikkuni Panchayat	Public
350	Moorkhankundu kulam	Narikkuni Panchayat	Public
351	Vengalath poyil Kulam	Unnikulam Panchayat	Public
352	Unnikulam Kulam	Unnikulam Panchayat	Public
353	Tank in Unnikulam	Unnikulam Panchayat	Public
354	Tank in Arappatta thazhe	Unnikulam Panchayat	Public
355	Cheekkakkunnu pond	Unnikulam Panchayat	Public
356	Chembokunnu	Unnikulam Panchayat	Public
357	Raroth kappuram	Unnikulam Panchayat	Public
358	Vakerikuttyparambil	Unnikulam Panchayat	Public
359	Puthukudikunnu	Unnikulam Panchayat	Public
360	Adichil Vayal	Unnikulam Panchayat	Public
361	Othayothumpadi	Unnikulam Panchayat	Public
362	Chalilpurayil	Unnikulam Panchayat	Public
363	Poliyedath	Unnikulam Panchayat	Public
364	Vaniyamkunnu	Unnikulam Panchayat	Public
365	Kakkara thazhe	Unnikulam Panchayat	Pvt.
366	Purakkattu kulam	Unnikulam Panchayat	Pvt.
367	Tank in Athayakunnu	Kattippara Panchayat	Public
368	Kandankunnu	Kattippara Panchayat	Public
369	Manikunnu	Kattippara Panchayat	Public
370	Karuvampoyil Tank	Koduvally Panchayat	Public
371	Pongadanchalil	Koduvally Panchayat	Public
372	Areekottukavu	Koduvally Panchayat	Public
373	Kakkadanchalil Jumamasjid (Pvt)	Koduvally Panchayat	Pvt.
374	Udaparambu Pallikulam (Pvt)	Koduvally Panchayat	Pvt.
375	Parambathkavu Jumamasjid Kulam(Pvt)	Koduvally Panchayat	Pvt.
376	Ambal Kulam(Pvt)	Koduvally Panchayat	Pvt.
377	Mundayottur Kulam (Pvt)	Koduvally Panchayat	Pvt.
378	Uruvumkundu Kulam	Koduvally Panchayat	Public
379	High School thazham Kulam	Koduvally Panchayat	Public
380	Pathiyil Pond	Koorachundu Panchayat	Public
381	Koorachundu Mele Angady Pond	Koorachundu Panchayat	Public
382	Shankaravayal	Koorachundu Panchayat	Public
383	Poovathamkunnu	Koorachundu Panchayat	Public
384	Kaniyampara	Koorachundu Panchayat	Public
385	Achankulam	Ramanattukara Panchayat	Public
386	Chirakkamkulam	Ramanattukara Panchayat	Public
387	Kattayattu thazham kulam	Ramanattukara Panchayat	Public
388	Kottumavullathil Niroth	Kottur Panchayat	Public
389	Kerothmala watersupply pond	Kottur Panchayat	Public
390	Koyiloth	Kottur Panchayat	Public
391	Parakkunnath	Kottur Panchayat	Public

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392	Madathil thazhe Rara thazhe	Kottur Panchayat	Public
393	Manattukulam	Kottur Panchayat	Public
394	Valam Puthussery thazhe kulam	Kottur Panchayat	Public
395	Pulloonyattukulam	Kottur Panchayat	Public
396	Oravalloor	Kottur Panchayat	Public
397	Chettiyankandi thazhe	Kottur Panchayat	Public
398	Kavilpara Kulam	Panangad Panchayat	Public
399	Kavilmadam Kulam	Panangad Panchayat	Public
400	Kannivayal	Panangad Panchayat	Public
401	Mandotham Moola	Panangad Panchayat	Public
402	Kollattu kulam	Panangad Panchayat	Public
403	Thiruvanchery poyil	Panangad Panchayat	Public
404	Thekkayil kulam	Balusseri Panchayat	Public
405	Parakulam	Balusseri Panchayat	Public
406	Puthiyedath	Balusseri Panchayat	Public
407	Kannanchira	Balusseri Panchayat	Public
408	Kokkallur	Balusseri Panchayat	Public
409	Thanikkode	Balusseri Panchayat	Public
410	Neroth kulam	Balusseri Panchayat	Public
411	Athikode kulam	Balusseri Panchayat	Public
412	Kavukulam	Naduvannur Panchayat	Public
413	Norampanakulam	Naduvannur Panchayat	Public
414	Thattarakunnu kulam	Atholi Panchayat	Public
415	Kottakunnu kulan	Atholi Panchayat	Public
416	Modakkallur Bhagavathi temple kulam	Atholi Panchayat	Public
417	Changorath Colony	Atholi Panchayat	Public
418	Puthukkudy Meethal	Atholi Panchayat	Public
419	Paingottu thazhe	Atholi Panchayat	Public
420	Kuniyil	Atholi Panchayat	Public
421	Mundery	Atholi Panchayat	Pvt.
422	Chathenkulam	Kakkur Panchayat	Public
423	Puthiyottukandi thazhe kulam	Kakkur Panchayat	Public
424	Kuttivayal	Kakkur Panchayat	Public
425	Kaitha kulam	Kakkur Panchayat	Public
426	Iduvallur Sivakshethra kulam	Kakkur Panchayat	Public
427	Panaythodi thazham	Kakkur Panchayat	Public
428	Valiya kulam	Kakkur Panchayat	Public
429	Nambidiveettil kulam	Kakkur Panchayat	Public
430	Venapara	Puthupady Panchayat	Public
431	Chelode	Puthupady Panchayat	Public
432	Mammuni kulam	Puthupady Panchayat	Public
433	Eyyaly kulam	Olavanna Panchayat	Public
434	Mundoth	Ulliyery Panchayat	Public
435	Moothedan	Feroke Panchayat	Public
436	Pykutty kulam	Feroke Panchayat	Public
437	Karuparambu	Feroke Panchayat	Public

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438	Vanamkulam	Feroke Panchayat	Public
439	Palathil kulam	Feroke Panchayat	Public
440	Othayamangalam	Feroke Panchayat	Public
441	Pulissery kulam	Feroke Panchayat	Public
442	Theratty kulam	Feroke Panchayat	Public
443	Nedumburam kulam	Feroke Panchayat	Public
444	Kavukulam	Kadalundy Panchayat	Public
445	Mangattu kulam	Kadalundy Panchayat	Public

ANNEXURE 16

LIST OF NGO'S IN KOZHIKODE DISTRICT IN THE FIELD OF DISASTER

Sl.No.	Name of NGO	Head quarters address with phone Nos	Authority to be contacted-Address with phone Nos	Expected action to be taken up during a Disaster
1.	Jeevana- Calicut Social Service Society,	Bypass Road, Eranjipalam Post, Calicut 673 006. Tel: 0495-2368130	Director, Bypass Road, Eranjipalam Post, Calicut 673 006.	Relief activities, Temporary Rehabilitation etc.
2.	Center For Overall Development (COD)	P.B.No.33 Thamarassery P.O., Calicut 673 573 Kerala	Director-COD P.B.No.33 Thamarassery P.O Calicut 673 573 Kerala. 495 2223022	Relief activities, Temporary Rehabilitation etc.
3.	Shanthi De- Addiction Centre	Service Station Bus Stop, Velliparamba-673 008	Project Co-ordinator Velliparamba-673 008 Tel: 0495- 2358050 No. of beds: 15 E-mail: cdsss@eth.net	Post disaster Counseling
4.	Rural Development Society	Cheruvadi, Kozhikode – 613661	President RDS Kozhikode - 673661. Kerala, 2209552	Relief activities
5.	Anweshy	Behind Madakkuni temple Kottooli Calicut	Ajitha Secretary	Woman issues
6.	PADIM Trust	Babu joseph 2643439	Director PADIM Trest Balussery Calicut	Relief activities, temporary rehabilitation etc.
7.	Health Dialog	Osanam Bilding M C PO Calicut	Director 2553463	Relief activities.

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8.	ISCRA	Director Pavangad Puthiyangadi P.O., 3090978	2371891	Search & Rescue Activities and emergency relief
9.	Muslim Servioce Society	P B No 182 Cherooty Road Calicut	0495- 2765736	Relief activities.
10.	Manusha	Dr.P M Mathew P B No. 1417 Civil station, Kozhikode	0495-2375421	Professional disaster management activities
11.	SIFFROM	SIFFS Regional office Mukund Appartments Eranjipalam	0495-2368789	Relief activities, temporary rehabilitation etc.
12.	Association For Welfare Handicapped (AFWH)	17/194A M Squire complex Pavamani Road Calicut	Asso. For the Welfare of the Handicapped, P.O. Box No. 59, 17/194A, Paramani Rd Calicut - 673 001 Kerala	Relief activities for handicapped
13.	Darsasn	Muthukad Peruvannamoozhi	Director Darsasn	Relief activities, temporary rehabilitation etc.
14.	OISCA	Javahar Nagar Colony Nadakkavu	M. Aravind Babu OISCA Youth Center Buildings UKS Road, Calicut- 673001 Kerala, India	Temporary rehabilitation
15.	Saghayatri	Director H No 499/A Sastri Nagar Calicut 6	2368382	Temporary rehabilitation
16.	Malabar Coastal Institute for training research and action	Directot, Mithra Eranjipalam PO East nadakkavu	0495-2766663	rehabilitation etc.
17.	Malabar federation freshman Society	Director MFFS Kamburam beach Westhill	0495-2768714	Relief activities, temporary rehabilitation etc.
18.	Malabar Teeradesa Vanitha Federation - MTVF	Director Kampuram beach West hill Calicut	0495-2361416	Water and sanitation

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19.	Parish priest Association	Director Chali P O	9447284449	Relief activities, temporary rehabilitation etc.
20.	Free birds	Director Malapparamba Calicut	0495-302430	Temporary rehabilitation

ANNEXURE 17

LIST OF RESERVOIRS, PUMP HOUSE AND TANKERS UNDER KWA DIVISION KOZHIKODE

No	Particulars	No	Details	Location	Remarks
1	Reservoirs	7	1. 9 Lakhs litres over head tank 2. 7.5 Lakhs litres over head tank 3. 27 Lakhs litres G.L reservoir 4. 36 Lakhs litres G.L reservoir 5. 36 Lakhs litres G.L reservoir 6. 9 Lakhs litres G.L reservoir 7. 9 Lakhs litres balancing reservoir	Mavoor Mavoor Kovoor Pottammel Malapramba Balamandiram Velliparamba	The details given are that of reservoirs connected with Calicut W.S.S and not any natural reservoir
2	Pump house	4	1. Raw water pump house No 1 & No 2 2. Clear water pump house 3. Clear water booster station No 1 4. Clear water booster station No 2	Mavoor Mavoor Kuttikkattur Kuttikkattur	The details given are that of reservoirs connected with Calicut W.S.S
3	Tankers	1	Tata make water tanker 9000 litres		

Kerala Water Authority, P.H Division, Kozhikode

LIST OF RESERVOIRS, PUMP HOUSE AND TANKERS UNDER KWA DIVISION VADAKARA

Sl No	Name of the scheme	Name of local body	Location	Type	Capacity
Reservoirs- 14 Nos					
1	(a) Badagara water supply	Vatakara	Avankottumala	RCC GLSR	6.00 LL

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	scheme	Municipality			
	(b) Augmentation to Badagara water supply Scheme		Puthiyappa	RCCOHSR	18.00 LL
			Puthiyappa	RCC OHSR	10.00 LL
			Janatha Road	RCC OHSR	20.00 LL
2	ARWSS to Velom	VelomGrama Panchayath	Velom		
3	WSS to Onchiyam, Chorode etc. villages	Nadapuram GP	Athiyoramala	RCC GLSR	13.50 LL
		ThuneriGrama Panchayath	Edakkandikunnu	RCC GLSR	2.50 LL
		Onchiyam GP		RCC GLSR	7.50 LL
		Villiappally GP	Valiyamala	RCC GLSR	4.50 LL
4	WSS to Thiruvallloor, Ayanchery, Maniyur, Palayad, etc. villages	Maniyur GP	Chellaattpoyil	RCC GLSR	4.00 LL
		Purameri GP	Vilathapuram	RCC GLSR	6.00 LL
		Edachery GP	Edacheri	RCC GLSR	4.00 LL
		Thiruvallur GP	Kottapparamala	RCC GLSR	7.20 LL
		Thiruvallur GP	Chandumala	RCC GLSR	1.00 LL
5	RWSS to Bhoomivathukkal	Vanimel GP	Irunilad	RCC GLSR	1.00 LL
6	RWSS to Chekkiad	Chekkiad GP	Vilakottoor	RCC GLSR	2.50 LL
7	RWSS to Azhiyur	Azhiyur GP	Thuruthippuram	RCC GLSR	1.50 LL
		Azhiyur GP	Chombala	RCC GLSR	2.74 LL
8	CWSS to Koyilandy & adjoining panchayaths	Chakkittappara GP	Peruvannamuzhi	RCC GLSR	7.00 LL
9	WSS to Chakkittappara	Chakkittappara GP	Chakkittappara	RCC GLSR	1.00 LL
10	WSS to Kappumala – Kaipram	Cheurvannur GP	Kappumala – Kaipram	RCC GLSR	1.00 LL
11	WSS to Paleri	ChangarothGP	Kuzhimbil	RCC GLSR	4.70 LL
12	WSS to Kayakkodi – Kavilumpara	Kavilumpara GP	Kavilumpara	RCC GLSR	5.00 LL
13	WSS to Kuttiady	Kuttiady GP	Kuttiady	RCC GLSR	2 X 2.00 LL
14	WSS to Unnikulam & Sivapuram villages	Unnikulam GP	Mokai	RCC GLSR	6.00 LL
Sl No	Name of scheme	Details of pump house			No. of boosterpumping station (BPS) with locations
		Raw water pump house with location			
	Pump House - 62				
1	W S Augmentation to BWSS	Koorankottukadavu	NA		NIL
2	Badagara Water Supply Scheme	Vishnumangalam			NIL
		----	Purameri		
3	TM ARWSS to Azhiyur Village (Satallite scheme of BWSS)	----			Kallamala
4	WSS to Purameri(Old) (Satallite scheme of BWSS)	----			Purameri
5	ARWSS to Onchiyam, Chorode, Eramala, Villiappalli, etc. villages	Kuttiadi	----		Vellikulangara

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		----	Kuttiady	Amaravathy
6	ARWSS to Thiruvallloor, Ayancherry, etc. Villages	Gulikapuzha	----	
7	RWSS to Bhoomivathukkal	----	Pakkuzhi	
8	RWSS to Chekkiad	----	Vilakkottoor	
9	ARWSS to Edacherry	----	Thalai	
10	RWSS to Purameri (New)	----	Vilathapuram	
11	ARWSS to ManiyurPalayad (Satallite scheme of Sl. 5 above)	----	Ambalamukku	
12	RWSS to Velom (Satallite scheme of Aug. to BWSS)	----	----	
13	WSS to AduppilKettil HC	----	Vilangad	
14	RWSS to Kappukunnu (Satallite scheme of Sl. 9 above)	----	Kappukunnu	
15	WSS to Malayil OLHC	----	Kallachi	
16	WSS to Chandumala (Satallite scheme of Sl. 5 above)	----	Kottaparamala	
17	RWSS to Madappalli	----	Madappally	
18	WSS to Payamkuttimala	----	Villiappally	
19	RWSS to Madanchery – SPRING	----	----	
20	RWSS to Kollam	–	Kollam; pump -1 No, Head-25 m Discharge-2.5 lps	NIL
21	RWSS to Koyilandy	–	koyilandy; pump-1No, Head-50 m Discharge-2.5 lps	NIL
22	RWSS to Varakunnu	–	Varakunnu; pump-1No,Head-110 m Discharge-2 lps	NIL
23	RWSS to Komathukara	–	Komathukara; 3Nos of pump houses.pump house No.1: 2Nos of pumps of head100 m and Discharge3.67 lps. Pumphouse No.2: 1no of pump of head 75 mDischarge 3 lps.Pump house 3:1 Nopump of head 75mDischarge 1.5 lps.	NIL
24	RWSS to Kakkarattukunnu	–	Kakkarattukunnu; pump-1 No,Head-125 mDischarge 3.67 lps.	NIL
25	RWSS to Atholi		Atholi; pump-1 No,Head-70 m	NIL
26	SCP-WSS to pullillamala		Pullillamala; pump2Nos, Head-150 m Discharge 3 lps	NIL
27	SCP-WSS to Kuruvattimala	–	Kuruvattimala; pump-2 Nos, Head-170 mDischarge 3.67 lps.	NIL
28	RWSS to Ekarool			NIL
29	RWSS to Poonoor	–		NIL
30	ARWSS to Unnikulam & Sivapuram	–	Unnikulam; pump-2Nos,Head 170m Discharge 21.67 lps.	1 No.at Ulinkunnu
31	SCP-WSS to Neelancherimala	–	Neelancherimala; pump-1 No,Head-160 m Discharge 3.67 lps.	NIL
32	SCP-WSS to Ulinkunnummal			NIL
33	RWSS to Kottathuruthi	–	Kottathuruthi; pump-	NIL

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			1No,Head-50 m	
34	RWSS to IringalMoorad			NIL
35	RWSS to Kottakunnu	–	Kottakunnu; pump-1 No,Head-100 m Discharge 3.33 lps.	NIL
36	RWSS to Payyoli	–	Payyoli; pump-2 Nos, Head-100 m Discharge 3.33 lps.	NIL
37	SCP-WSS to Kidanjikunnu	–	Kidanjikunnu; pump-1 No,Head-100m Discharge 3.67 lps.	NIL
38	RWSS to Thikkodi	–	Thikkodi; pump-1 No,Head-25 m Discharge 3.33 lps.	NIL
39	RWSS to Veeravanchery	–	Veeravanchery; pump-1No,Head-130 m Discharge 5 lps	NIL
40	SCP-WSS to Moiloorkunnu	–	Moiloorkunnu; pump-2, nos,Head-100 m Discharge 3.33 &1.67lps	NIL
41	RWSS to Pootheripara	–	Pootheripara; pump-1 No,Head-120 m Discharge 3.33 lps.	NIL
42	RWSS to Meppayoor Town Improvement	–	Meppayoor; pump-1No, Head-100 m Discharge 3.33 lps.	NIL
43	RWSS to DharmakunnuNedumbarakunnu	–	Dharmakunnu; pump-1No,Head-100 m Discharge 3.33 lps.	NIL
44	RWSS to Kottakunnu, Puthupattukunnu, Rayarattukunnu	–	Kottakunnu; pump-1No,Head-120 m Discharge 3.33 lps.	NIL
45	RWSS to Meppayoor			NIL
46	RWSS to pottankandy	–	Poottankandy; pump-1No,Head-105 m Discharge 3.33 lps.	NIL
47	SCP-WSS to Moozhikkalmeethal	–	Moozhikkalmeethal; pump-2 Nos,Head-100m Discharge 3.67 lps.	NIL
48	RWSS to Kayakkodi – Kavilumpara	Thottilpalam Moonamkai - 1 No. – 4 lps 140 mtrs		
49	RWSS to Kavilumpara	Weir at Karingad (Gravity flow)		
50	RWSS to Kuttiady	Kuttiady - 2 Nos. 6 lps- 110 mtrs	Koyyampara Treatment plant	
51	RWSS to Chambiloramala	Kavilumpara town 1 No. 3 lps - 90mtrs		
52	RWSS to Perambra	Perambra HS road 1 No. - 4.5 lps- 90mtrs		
53	RWSS to Ponpara	Ambalithazha 1 No. 4.67 lps - 120 mtrs		
54	RWSS to Narakkankunnu	Edavarad 1 No. 4.67 lps- 125 mtrs		
55	RWSS to Kapumala – Kaiparam	Kaipram 1 No. 4.5 lps - 116 mtrs		

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56	RWSS to Koovapuram – Perinjerkadave	Avala 2 Nos. 4.67 lps - 115 mtrs		Avala Sump 1No. 3 – 62
57	RWSS to Kayanna	Kallingal 2 Nos. 5.17 lps - 125 mtrs		Mottanthara sump - 1No. 5.17 – 140
58	RWSS to Ward - I Koothali Pt.			Moyorakunnu 1 No. 5.16 lps – 62 mts
59	RWSS to Ward - V Koothali			Valiyattukan dimukku –1 No. 5.17 lps- 115mtrs
60	RWSS to Chakkittapara			Mukkavala 1 No. 5 -120
61	RWSS to Paleri	Kuzhimbilthazha 2Nos. 23.16 lps -61 mtrs		
62	CWSS to Koyilandy and adjoining Pts.	Peruvannamuzhi 4Nos. 181 lps -64.8 mtrs	Peruvannamuzhi TP - No. 5.56 - 15	

ANNEXURE 18

ADMINISTRATIVE SUBDIVISIONS

Number code	Village	Taluk
1	Nanminda	Kozhikkode
2	Kakkur	Kozhikkode
3	Thalikulathur	Kozhikkode
4	Chelannur	Kozhikkode
5	Neeleswaram	Kozhikkode
6	Madavoor	Kozhikkode
7	Elathur	Kozhikkode
8	Kakkodi	Kozhikkode
9	Chettamangalam	Kozhikkode
10	Thazhekcode	Kozhikkode
11	Kuruvattur	Kozhikkode
12	Kummamangalam	Kozhikkode
13	Kumaranalloor	Kozhikkode
14	Poolakode	Kozhikkode
15	Kakkad	Kozhikkode
16	Vengeri	Kozhikkode
17	Puthiyangadi	Kozhikkode
18	Kodiyallur	Kozhikkode
19	Chelavoor	Kozhikkode
20	Chevayur	Kozhikkode
21	Peruvayal	Kozhikkode

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22	Katcheri	Kozhikkode
23	Kuttikattur	Kozhikkode
24	Mavoor	Kozhikkode
25	Nellicode	Kozhikkode
26	Kuttuli	Kozhikkode
27	Kasaba	Kozhikkode
28	Perumanna	Kozhikkode
29	Valavanad	Kozhikkode
30	Panthuraskavu	Kozhikkode
31	Nagaran	Kozhikkode
32	Olavanna	Kozhikkode
33	Panniankara	Kozhikkode
34	Cheruvamur	Kozhikkode
35	Bey pore	Kozhikkode
36	Ramanattukara	Kozhikkode
37	Feroke	Kozhikkode
38	Karuvanthuruthi	Kozhikkode
39	Kadalundi	Kozhikkode
40	Chembanoda	Quilandy
41	Paleri	Quilandy
42	Changaroth	Quilandy
43	Chakkittapara	Quilandy
44	Perambra	Quilandy
45	Cheruvannur	Quilandy
46	Eravattur	Quilandy
47	Koothali	Quilandy
48	Iringal	Quilandy
49	Meshanyam	Quilandy
50	Kayanna	Quilandy
51	Nochad	Quilandy
52	Meppayur	Quilandy
53	Thurayur	Quilandy
54	Kozhukallur	Quilandy
55	Payyoli	Quilandy
56	Arikulam	Quilandy
57	Koorachundu	Quilandy
58	Thikodi	Quilandy
59	Kottur	Quilandy
60	Keezhariyur	Quilandy
61	Naduvannur	Quilandy
62	Avidanallur	Quilandy
63	Mudadi	Quilandy
64	Viyyur	Quilandy
65	Ulliyeri	Quilandy
66	Panthalayini	Quilandy
67	Balusseri	Quilandy

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68	Atholi	Quilandy
69	Chengottukavu	Quilandy
70	Chenancheri	Quilandy
71	Kanthalad	Thamarassery
72	Kedavoor	Thamarassery
73	Puthuppadi	Thamarassery
74	Nellippoyil	Thamarassery
75	Kodancheri	Thamarassery
76	Kinalur	Thamarassery
77	Thiruvambadi	Thamarassery
78	Unnikulam	Thamarassery
79	Engapuzha	Thamarassery
80	Panangad	Thamarassery
81	Sivapuram	Thamarassery
82	Koodattayi	Thamarassery
83	Raroth	Thamarassery
84	Koodaranji	Thamarassery
85	Kizhakothe	Thamarassery
86	Narikuni	Thamarassery
87	Vavad	Thamarassery
88	Puthur	Thamarassery
89	Koduvalli	Thamarassery
90	Vilangad	Vadakara
91	Chekkayad	Vadakara
92	Valayam	Vadakara
93	Vanimel	Vadakara
94	Thinur	Vadakara
95	Narippetta	Vadakara
96	Kavilumpara	Vadakara
97	Thuner	Vadakara
98	Edacheri	Vadakara
99	Kayakkodi	Vadakara
100	Nadapuram	Vadakara
101	Azhiyur	Vadakara
102	Kunummal	Vadakara
103	Eramala	Vadakara
104	Purameri	Vadakara
105	Maruthonkara	Vadakara
106	Kuttadi	Vadakara
107	Onchiyom	Vadakara
108	Ayancheri	Vadakara
109	Chorode	Vadakara
110	Velom	Vadakara
111	Kottapalli	Vadakara
112	Villyappalli	Vadakara
113	Vadakara	Vadakara

114	Nadakkkuthazha	Vadakara
115	Thiruvallur	Vadakara
116	Palayad	Vadakara
117	Maniyur	Vadakara

ANNEXURE 19

CHEMICAL INDUSTRIES

List of Chemical Industries in Kozhikode district

Sl.No	MAH Unit
1	Indian Oil orporation Ltd. Feroke, Kozhikode -673631
2	Bharat Petroleum Corporation Ltd. Nallalam, Kozhikode-673077.
3	Hindustan Petroleum Corporation Ltd , Elathur, Kozhikode – 673303

Chemical Industrial Hazard Susceptibility Areas

Sl.No	Taluk	Area (sqkm)
1	Kozhikkode	313.990717
2	Quilandy	238.454581
3	Thamarassery	81.988234

ANNEXURE 20

NATURAL HAZARD ZONATION MAP – KOZHIKODE DISTRICT

TALUK	VILLAGE	LANDSLIDE	COASTAL EROSION	FLOODS	LIGHTNING	EARTH QUAKE (Magnitude)
KOZHIKODE	Kadalundy		High with Seawall	Banks of KadalundyRiver & ChaliyamPuzha	Low	
	Karuvanthuruthi			Banks of ChaliyarRiver & ChaliyamPuzha	Low	
	Faroke			Banks of ChaliyarRiver & ChaliyamPuzha	Moderate	
	Ramanattukara			Banks of ChaliyarRiver & ChaliyamPuzha	Moderate	
	Pantheerakavu			Banks of ChaliyarRiver & KallayiPuzha	Low	
	Olavanna			Banks of ChaliyarRiver & KallayiPuzha	Low	
	Cheruvannur			Banks of ChaliyarRiver & Broad flat bottom valleys (Paddy fields) Nallam,Cheruvannur	Low	
	Beypore		High with Seawall	Banks of ChaliyarRiver & Broad flat bottom valleys (Paddy fields) Naduvattom,Beypore	Low	
	Panniamkara		High with Seawall	Banks of KallayiRiver & Broad flat bottom valleys (Paddy fields) Panniyamkara, Thiruvanchira	Low	
	Nagaram		High with Seawall	Banks of KallayiPuzha	Low	
	Kasaba			Banks of KallayiRiver	Low	
	Kottuli			Broad flat bottom valleys (Paddy fields) Kottuli,Parayancheri, Nadakavu	Low	<3
	Valayanad			Banks of KallayiRiver & Broad flat bottom valleys	Moderate	

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			(Paddy fields) Valayanad, Govindapuram		
Nellicode			Broad flat bottom valleys (Paddy fields) Kovur, Nellikod	Low	
Chevayur			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Chevayur	Moderate	
Vengeri			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Vengeri, Karaparambu, Nadugattur	Low	4
Kacheri			Broad flat bottom valleys (Paddy fields) Nadakavu	Low	
Puthiyangadi			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Puthiyangadi	Low	4
Elathur		Low & High with Seawall	Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Puthur, Edakkad	Low	
Thalakulathur			Banks of Akala Puzha & Ramanallurthode	Moderate	
Chelannur			Banks of PannurPuzha, AkalaPuzha & Broad flat bottom valleys (Paddy fields) Chelannur, Palat, Iruvalur	Moderate	
Kakkodi			Banks of PannurPuzha & Akala Puzha	Low	
Kuruvattur			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Karuvattur, Parambil, Palur	Moderate	
Chelavoor			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Poingattupuram, Mayanad	Moderate	
Kuttikattur			Banks of Nam Puzha & Broad flat bottom valleys (Paddy fields) Puvattuparambu, Kuttikattur	Moderate	
Perumanna			Banks of ChaliyarRiver & Nam Puzha	Moderate	
Peruvayal			Banks of ChaliyarRiver, Cheru Puzha & Broad flat bottom valleys (Paddy fields) Peringalam, Peruvayil	Moderate	
Mavoor			Banks of ChaliyarRiver & Cheru Puzha	Moderate	
Pulakode			Banks of ChaliyarRiver, Iruvanni Puzha & Cheru Puzha	Moderate	
Chattamangalam			Banks of Cheru Puzha	Moderate	
Kunnamangalam			Banks of Cheru Puzha & PannurPuzha	Moderate	

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Madavoor			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Paimbalasseri, Madavoor, Pullalur	Moderate	
Kakkur			Banks of Ramallur thode & Broad flat bottom valleys (Paddy fields) pavannur, Punnurcherupuram	Moderate	
Nanminda			Broad flat bottom valleys (Paddy fields) Namida, Chikkilod, W. Panangad	Low	
Narikuni			Broad flat bottom valleys (Paddy fields) Pannikattur, Nediyaand, Nediyaand, Parannur	Moderate	
Kizhakoath			Banks of PannurPuzha & Broad flat bottom valleys (Paddy fields) Elettil	Moderate	
Koduvalli			Banks of PannurPuzha & Cheru Puzha	Moderate	
Vavad			Banks of PannurPuzha & Cheru Puzha	Moderate	
Raroth			Banks of Cheru Puzha & Broad flat bottom valleys (Paddy fields) Tamarasseri, Kedavur, Chembra, Andona	Moderate	<3, 3.7
Koodattayi			Banks of Cheru Puzha & Broad flat bottom valleys (Paddy fields) Panniyamkuzhi, Malkavu, Perili	Moderate	
Puthur			Banks of Cheru Puzha & Broad flat bottom valleys (Paddy fields) Pulapeyi, Puthur, Vennokkod	Moderate	
Neeleswaram			Banks of Iruvani Puzha & Broad flat bottom valleys (Paddy fields) Palanur, Techiyod	Moderate	
Thazhekkad			Banks of Iruvani Puzha & Broad flat bottom valleys (Paddy fields) Chennamangallur, Tazhakkad, Manasseri	Moderate	
Kakkad	Low (FathimaEstate)		Banks of Iruvani Puzha	Moderate	
Kodiyattur	Low (Nelluparambu, Mysore Kunnu, FathimaEstate)		Banks of ChaliyarRiver, Iruvani Puzha & Cheru Puzha	Moderate	
Kumaranalloor	Low (Thekkumkutti, FathimaEstate)		Banks of Iruvani Puzha & KariunnupraPuzha	Moderate	
Kodaranji	High (AtoteMala,		Banks of Payilingal Puzha & Kariunupra Puzha	Moderate	

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		Forest) Low (TumbakkodMala, Pularampara, KattiyatuMala)				
	Thiruvambadi	Low (Pottamkotta Mala)		Banks of Iruvani Puzha & Payilingal Puzha	Moderate	
	Nellippoyil	High (Kattilpoil, Forest)			Low	
	Kodancheri	High (Alakkal, Forest) Low (Kodancheri, Perumkandi)		Broad flat bottom valleys (Paddy fields) Vellancoe, Kuttur	Moderate	
	Puthuppadi	High (Adivaram, Forest) Low (Mayilalumpand Estate)			Moderate	
	Engapuzha	Low (Kanottipara)			Moderate	
	Kedavoor	High (N.W. Ingapuzha, Kutipara, Forest) Low (Chamel)		Banks of PannurPuzha	Moderate	<3
QUILANDY	Iringal		Low & High with Seawall	Banks of MuratRiver & Broad flat bottom valleys (Paddy fields) Ayinikkad	Low	
	Payyoli			Banks of MuratRiver & Broad flat bottom valleys (Paddy fields)Payyoli	Low	
	Thikodi			Banks of AgalaPuzha	Low	
	Moodadi		Low & High with Seawall	Banks of AgalaPuzha & Broad flat bottom valleys (Paddy fields) Mudadi, Elambilad, Purakkal, Virayancheri	Low	
	Viyyur		High with	Banks of AgalaPuzha & Broad flat bottom valleys	Low	

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		Seawall	(Paddy fields) Marallur, Puliancheri		
Panthalayini		High with Seawall	Banks of AgalaPuzha & Broad flat bottom valleys (Paddy fields) Rantalayani	Low	<3
Chengottukavu		High with Seawall	Banks of AgalaPuzha & Broad flat bottom valleys (Paddy fields) Elatteri, Elakualm, Chengottukavu	Low	
Chemancheri		Low & High with Seawall	Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Vengulam, Chemmancheri, Thiruvannur	Low	
Atholi			Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Atholi, Kalakkad	Moderate	
Ulliyeri			Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Ulliyeri, Mundath	Moderate	
Naduvannur			Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Kavil, Naduvannur, Mannankavu, Elangamal	Moderate	
Arikulam			Banks of KoraPuzha, AgalaPuzha & Broad flat bottom valleys (Paddy fields) Kurichikala, Arikulam, Vagmoli, Karayad, Nochad	Moderate	
Keezhariyur			Banks of AgalaPuzha	Moderate	
Thurayur			Banks of MuratRiver & AgalaPuzha	Moderate	
Kozhukallur			Broad flat bottom valleys (Paddy fields) Kuttipra, kayalad, Kozhukallur	Moderate	
Meppayur			Broad flat bottom valleys (Paddy fields) Meppayur, Kuzhippayur, Changaramvalli	High	
Cheruvannur			Banks of MuratRiver & Broad flat bottom valleys (Paddy fields) Avala, Kuttottu	High	
Eravattur			Banks of MuratRiver & Broad flat bottom valleys (Paddy fields) Eravattur, Kallod,	High	
Nochad			Broad flat bottom valleys (Paddy fields) Meppayur, Valliyakkod, Nochad, Kaipattur, Velliyur	High	

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Kottur	Low (Chengottu Mala)		Broad flat bottom valleys (Paddy fields) Kottur, Thiruvod	Moderate	
Avittanallur			Banks of KoraPuzha	Moderate	
Balusseri	Low (MannanPoyil)		Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Balisseri, panai, Eramankulam	Moderate	
Panangad			Banks of KoraPuzha	Moderate	
Sivapuram			Broad flat bottom valleys (Paddy fields) Viriambram, Malur, Sivapuram, Mangod	Moderate	
Unnikulam			Banks of TalayattuPuzha	Moderate	
Kinalur			Banks of KoraPuzha & Broad flat bottom valleys (Paddy fields) Mundakara, Puvamboyi	Moderate	
Koorachundu	High (Manikcheri Mala, N.kinalur) Low (Talayat, Kavulla Mala)			Moderate	
Kanthalad	High (Killikudukki, Kakkayam) Low (Kallnod)		Banks of CheruPuzha	Moderate	
Chakkittapara			Banks of KuttiyadiRiver & Broad flat bottom valleys (Paddy fields) Sankaravayal, Kalangali	Low	
Kayanna	Low (PuvattumKunnu)		Banks of CheruPuzha & Broad flat bottom valleys (Paddy fields) Attiyod, Cherukad, Kayanna	Moderate	
Menjanyam			Banks of CheruPuzha & Broad flat bottom valleys (Paddy fields) Parambra, Marutari,	High	
Perambra			Banks of CheruPuzha & Broad flat bottom valleys (Paddy fields) Puliperuvanna, Perambra	Moderate	
Koothali			Banks of CheruPuzha & Broad flat bottom valleys (Paddy fields) Kuttali, Payittot	High	
Paleri			Banks of MuratRiver, CheruPuzha & Broad flat bottom valleys (Paddy fields) Valiyakumbalam, Vadakkumbad, Kallur	High	

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	Changaroth			Banks of NiduvanPuzha, KadiyangadPuzha & Broad flat bottom valleys (Paddy fields) Changattur, Kadiyangad	High	
	Chembanoda	High (Puzhithod Estate, Forest) Low (Alapara, Ekkal)			Low	
VADAKARA	Vadakara		High with Seawall & Low	Banks of Kotta Puzha & Broad flat bottom valleys (Paddy fields) Arakkilad, Muthungal, Mayyannur	Low	
	Cherode		High with Seawall	Broad flat bottom valleys (Paddy fields) Kurikkilad, Cherode, Vykilasseri, Varisyakunni	Low	
	Onchiyam		High with Seawall	Broad flat bottom valleys (Paddy fields) Kannukara, Nellassey, Onchiyam, Tattolikara	Low	
	Azhiyur		Low & High with Seawall	Banks of Mahe River	Moderate	
	Eramala			Banks of Mahe River & Broad flat bottom valleys (Paddy fields) Orkatteri, Muyipra, Azhiyur,	Moderate	
	Villyappalli			Broad flat bottom valleys (Paddy fields) Memunda, Villyapalli	Moderate	
	Nadakkuthazha			Banks of Murai River & Broad flat bottom valleys (Paddy fields) Pudupanam, Puthur	Low	
	Palayad			Banks of Murai River	Moderate	3.5
	Maniyur			Banks of Murai River	Moderate	
	Thiruvallur			Banks of Murai River & Broad flat bottom valleys (Paddy fields) Thiruvallur	Moderate	
	Kottapalli			Broad flat bottom valleys (Paddy fields) chemmarath, Velliyod, N.Thiruvallur	Moderate	
Ayancheri			Broad flat bottom valleys (Paddy fields) Panmeri, Parambil, kadameri, Ayancheri, W.Cherapuram	Moderate		

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Velom	Low (ManiMala)		Banks of Murai River & Broad flat bottom valleys (Paddy fields) Tikunni, Kurichakara, Cherukunnu	High	
Purameri			Broad flat bottom valleys (Paddy fields) elayadam, Perumundasseri	Moderate	
Edacheri			Banks of Mahe River & Broad flat bottom valleys (Paddy fields) Edacheri, Kodancheri	Moderate	
Thunery			Banks of Mahe River & Broad flat bottom valleys (Paddy fields) Tuneri, Iralapram, Velloor, Kummarkod	Moderate	
Chekkiad	High (Forest) Low (N.Kuruvanderi)		Banks of Mahe River & Broad flat bottom valleys (Paddy fields) Parakadavu	Moderate	
Valayam	High (Forest) Low (N.Valayam)		Broad flat bottom valleys (Paddy fields) Valayam	Low	
Vanimel	Low (N.Velliyod)		Banks of Mahe River	Low	
Nadapuram			Banks of Mahe River & Broad flat bottom valleys (Paddy fields) Nadapuram, Kuttipuram	Moderate	
Kunnummel			Broad flat bottom valleys (Paddy fields) Mokari, Vattal, Kakkattil	Moderate	
Kuttiady			Broad flat bottom valleys (Paddy fields) Vadayam, Nittur, Uratt	Moderate	
Maruthonkara	Low (KuttyarEstate, Mayilotara)		Banks of NiduvanPuzha	Moderate	
Kavilumpara	High (Karingd, Puthanpara, Pasukadavu, Kadapadi, Forest) Low (ValankodMala, MundiyoMala, Muttatheplavu Kunduthode)			Low	

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Kayakkodi	High (Mundiyode Mala) Low (PlayatMala, Kayakkodi)		Broad flat bottom valleys (Paddy fields) Karandod,ChangaranKulam, Kavumkunnu, Valayannur	Moderate	
Narippatta	Low (Kappil Kunnu, Palayat Mala)		Banks of Mahe River	Low	
Thinnur	High (Valuk, N.Karingod, Pullipara) Low (VayatMala, Velliyod, kayappately,)			Low	
Vilangad	High (Madancheri, Udumbarangi,Manh akunnu,Velliyod) Low (Adichipara, Panathu)			Low	

ANNEXURE 22

DATABASE OF OCCURRENCE OF LIGHTNING IN THE DISTRICT

Sl.No.	Village	Taluk	Year
1	Chathamangalam	Kozhikode	1900
2	Ferokh, Chelambra.	Kozhikode	1967
3	Vadakara, Chungam.	Vadakara	1967
4	Ayanikade, Vadakara	Vadakara	1974
5	Vadakara	Vadakara	1976
6	Perambra, cherussery temple	Koyilandy	1977
7	Kanayakode, Kanoor, Quilandi	Koyilandy	1979
8	Kottur	Koyilandy	1985
9	Kottur	Koyilandy	1985
10	Koothali	Koyilandy	1986
11	Balusseri, Verambram Palli	Quilandi	1987
12	Kottur	Koyilandy	1988
13	Chelanoor	Kozhikode	1988
14	Chelavoor	Kozhikode	1988
15	Koddaranhi	Kozhikode	1988
16	Koodaranji	Kozhikode	1988
17	Tiruvambadi (Kuderani Palli)	Kozhikode	1988
18	R E C ,Mukkom		1988
19	Balucherry	Koyilandy	1989
20	Balusseri	Koyilandy	1989
21	Balusseri	Koyilandy	1989
22	Meppayoor	Koyilandy	1989
23	Nellipoyil	Kozhikkode	1989
24	Kodanchery	Kozhikode	1989
25	Tiruvambadi, Thottumannil.	Kozhikode	1989
26	Earamala	Vadakara	1989
27	Edacheri (Karthikapalli)	Vadakara	1989
28	Thodannoor	Vadakara	1989
29	Kozhikkode		1989
30	Thodannoor		1989
31	Thotilpalam, Nadapuram		1989
32	Koothali	Koyilandy	1990
33	Chathamangalam	Kozhikode	1990
34	Kottuli (ward no 16)	Kozhikode	1990
35	Balusseri, Kenaloor poovambai H S	Koyilandy	1991
36	Kinaloor	Koyilandy	1991
37	Koothali	Koyilandy	1991

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38	Kottur	Koyilandy	1991
39	Mappayur	Koyilandy	1991
40	Mayppaur	Koyilandy	1991
41	Nochhad,Mappayoor	Koyilandy	1991
42	Faroke,Mannur	Kozhikode	1991
43	Vadakara, Kadamerry.	Vadakara	1991
44	Cheruppa		1991
45	Kodajeri , valiyakolli		1991
46	Parambra,Eravattur	Koyilandy	1992
47	Perambra, Chavara, Moozhiel.	Koyilandy	1992
48	Kozhikode	Kozhikode	1992
49	Thiruvallur	Vadakara	1992
50	Alliel (near Mukkam) , Chelakara.		1992
51	Kizaparamba (valellapuzha)		1992
52	Neleswaram	Hosdurg	1993
53	Atholy, cherukadu	Koyilandy	1993
54	Unnikulam	Koyilandy	1993
55	Karuvasseri	Kozhikode	1993
56	Kudathai	Kozhikode	1993
57	Mavur , Arayankodkulam	Kozhikode	1993
58	Thamarassery, Kattipara	Kozhikode	1993
59	Near R E C (chuloor)		1993
60	Kottur	Koyilandy	1994
61	Kottur	Koyilandy	1994
62	Kottur	Koyilandy	1994
63	Mehnayam	Koyilandy	1994
64	Moodadi	Koyilandy	1994
65	Perambra	Koyilandy	1994
66	Perambra, Kayanna.	Koyilandy	1994
67	Perambra, Kayanna	Koyilandy	1994
68	Perambra, Koothaly.	Koyilandy	1994
69	Vaknad, Naduvannur.	Koyilandy	1994
70	Kakkad	Kozhikode	1994
71	Koduvalli	Kozhikode	1994
72	Peruvayal	Kozhikode	1994
73	Chuloor		1994
74	Keezhariyur	Koyilandy	1995
75	koilandy	Koyilandy	1995
76	Kozhukkalloor	Koyilandy	1995
77	Kuruvangad	Koyilandy	1995
78	Unnikulam	Koyilandy	1995
79	Unnikulam	Koyilandy	1995
80	Unnikulam	Koyilandy	1995

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81	Engapuzha	Kozhikode	1995
82	Kakkur	Kozhikode	1995
83	Mokkam	Kozhikode	1995
84	Narikuni	Kozhikode	1995
85	Perumanna	Kozhikode	1995
86	Peruvayal	Kozhikode	1995
87	Peruvayal	Kozhikode	1995
88	Puduppadi (ward.13)	Kozhikode	1995
89	Ramanattukara	Kozhikode	1995
90	Ramanattukara	Kozhikode	1995
91	Thalakuilathoor	Kozhikode	1995
92	Thalakuilathur, Mannakandi, Purakatteri	Kozhikode	1995
93	Thamarassery	Kozhikode	1995
94	Thazhekode	Kozhikode	1995
95	Vengari	Kozhikode	1995
96	Kallachi, Nadapuram	Vadakara	1995
97	Kottappally	Vadakara	1995
98	Kuttyadi	Vadakara	1995
99	Thiruvallur	Vadakara	1995
100	Thiruvallur	Vadakara	1995
101	Chevurmela, Chruvalathi.		1995
102	Eravattoor, Perambara	Koyilandy	1996
103	Kollikkal, Thamarassery	Koyilandy	1996
104	Thamarassery, Kanthapuram.	Koyilandy	1996
105	Thamarassery, Kakkad.	Koyilandy	1996
106	Unnikulam	Koyilandy	1996
107	Unnikulam	Koyilandy	1996
108	Kakkad	Kozhikode	1996
109	Karuvattur, Kakodi.	Kozhikode	1996
110	Peruvayal	Kozhikode	1996
111	Peruvayal	Kozhikode	1996
112	Peruvayal	Kozhikode	1996
113	Vavad	Kozhikode	1996
114	Thiruvallur	Vadakara	1996
115	Anakkampoilil		1996
116	Kurachundu.		1996
117	Koothali	Koyilandy	1997
118	Kottur	Koyilandy	1997
119	Kottur	Koyilandy	1997
120	Kottur	Koyilandy	1997
121	Kozhukkalloor	Koyilandy	1997
122	Mehnayam	Koyilandy	1997
123	Quilandi (Chungem sea shore)	Koyilandy	1997

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124	Unnikulam	Koyilandy	1997
125	Kakkad	Kozhikode	1997
126	Kakkur	Kozhikode	1997
127	Kodanchery	Kozhikode	1997
128	Koodathai	Kozhikode	1997
129	Koodathai	Kozhikode	1997
130	Koodathai	Kozhikode	1997
131	Koodathai	Kozhikode	1997
132	Peruvayal	Kozhikode	1997
133	Peruvayal	Kozhikode	1997
134	Peruvayal	Kozhikode	1997
135	Puduppadi, Nettikal.	Kozhikode	1997
136	Vavad	Kozhikode	1997
137	Azhiyur	Vadakara	1997
138	Thiruvallur	Vadakara	1997
139	Velom	Vadakara	1997
140	Velom	Vadakara	1997
141	Velom	Vadakara	1997
142	Velom	Vadakara	1997
143	Velom	Vadakara	1997
144	Cheruvannur	Koyilandy	1997
145	Cheruvannur	Koyilandy	1998
146	Kottur	Koyilandy	1998
147	Kottur	Koyilandy	1998
148	Kottur	Koyilandy	1998
149	Mehnayam	Koyilandy	1998
150	Mehnayam	Koyilandy	1998
151	Mehnayam	Koyilandy	1998
152	Engapuzha	Kozhikode	1998
153	Kakkur	Kozhikode	1998
154	Kodanchery	Kozhikode	1998
155	Peruvayal	Kozhikode	1998
156	Narikattari, Nadapuram.	Vadakara	1998
157	Velom	Vadakara	1998
158	Velom	Vadakara	1998
159	Velom	Vadakara	1998
160	Periyambra,		1998
161	Changaroath	Koyilandy	1998
162	Cheruvannur	Koyilandy	1999
163	Cheruvannur	Koyilandy	1999
164	Cheruvannur	Koyilandy	1999
165	Perambra	Koyilandy	1999
166	Perambra ,Near Earavattur U P S.	Koyilandy	1999

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167	Unnikulam	Koyilandy	1999
168	Unnikulam	Koyilandy	1999
169	Unnikulam	Koyilandy	1999
170	Unnikulam	Koyilandy	1999
171	Unnikulam	Koyilandy	1999
172	chathamangalam, Pullanur.	Kozhikode	1999
173	Engapuzha	Kozhikode	1999
174	Kodanchery	Kozhikode	1999
175	Koduvalli (Ward - 12)	Kozhikode	1999
176	Peruvayal	Kozhikode	1999
177	Puthiyangadi, Puthiyappa	Kozhikode	1999
178	Thiruvampady	Kozhikode	1999
179	Thiruvampady	Kozhikode	1999
180	Thiruvampady	Kozhikode	1999
181	Kottappally	Vadakara	1999
182	Kuttyadi.	Vadakara	1999
183	Thinoor	Vadakara	1999
184	Velom	Vadakara	1999
185	Velom	Vadakara	1999
186	Velom	Vadakara	1999
187	Velom	Vadakara	1999
188	Velom	Vadakara	1999
189	Changaroth	Koyilandy	1999
190	Changaroth	Koyilandy	2000
191	Koothali	Koyilandy	2000
192	Kurachund, Vattachira.	Koyilandy	2000
193	Thalayade, Baluseri.	Koyilandy	2000
194	Unnikulam	Koyilandy	2000
195	Unnikulam	Koyilandy	2000
196	Unnikulam	Koyilandy	2000
197	Valayanad	Kozhikkode	2000
198	Kumaranellur	Kozhikode	2000
199	Mavoor,Kannipparamba	Kozhikode	2000
200	Mavur, Kannadi pramba.	Kozhikode	2000
201	Perumanna (ward - 14)	Kozhikode	2000
202	Puduppadi	Kozhikode	2000
203	Puthur	Kozhikode	2000
204	Thamaraseri,Parappanpoyil	Kozhikode	2000
205	Thazhekode	Kozhikode	2000
206	Thiruvampady	Kozhikode	2000
207	Changaroth, Kuttyadi.	Vadakara	2000
208	Kottappally	Vadakara	2000
209	Kottappally	Vadakara	2000

210	Mariyoor	Vadakara	2000
211	Purameri	Vadakara	2000
212	Thiruvallur	Vadakara	2000
213	Velom	Vadakara	2000
214	Velom	Vadakara	2000
215	Velom	Vadakara	2000
216	Velom	Vadakara	2000
217	Velom	Vadakara	2000
218	Velom	Vadakara	2000
219	Changaroth	Koyilandy	2000
220	Changaroth	Koyilandy	2001
221	Perambra, Edavaranadu.	Koyilandy	2001
222	Unnikulam	Koyilandy	2001
223	Koddaranhi	Kozhikode	2001
224	Peruvayal	Kozhikode	2001
225	Thiruvampady	Kozhikode	2001
226	Thiruvampady	Kozhikode	2001
227	Tiruvambadi	Kozhikode	2001
228	Vengari	Kozhikode	2001
229	Kottappally	Vadakara	2001
230	Kottappally	Vadakara	2001
231	Kottappally	Vadakara	2001
232	Kuttyadi, Kadannapalli.	Vadakara	2001
233	Kuttyadi, Velam, Palaeri, Cherukunnu.	Vadakara	2001
234	Thiruvallur	Vadakara	2001
235	Mundakal, Kodacherri, Kuragan para	Kozhikode	2001
236	Kuttyadi, Pathirapatta	Vadakara	2002
237	Nadapuram (near chekkid bank)	Vadakara	2002
238	Karipur Air port		2002
239	Kadameri	Vadakara	2002

ANNEXURE 23

LIGHTNING FREQUENCY IN THE DISTRICT

Sl. No	Village	Taluk	Frequency/year
1	Vilangad	Vadakara	0
2	Chekkyad	Vadakara	1
3	Valayam	Vadakara	0
4	Vanimel	Vadakara	0
5	Thinur	Vadakara	1
6	Narippetta	Vadakara	0
7	Kavilumpara	Vadakara	1

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8	Thuner	Vadakara	0
9	Edacheri	Vadakara	1
10	Kayakkodi	Vadakara	1
11	Nadapuram	Vadakara	1
12	Azhiyur	Vadakara	1
13	Kunummal	Vadakara	0
14	Eramala	Vadakara	1
15	Purameri	Vadakara	1
16	Maruthonkara	Vadakara	1
17	Chembanoda	Quilandy	0
18	Kuttadi	Vadakara	1
19	Onchiyom	Vadakara	0
20	Ayancheri	Vadakara	1
21	Paleri	Quilandy	1
22	Chorode	Vadakara	0
23	Velom	Vadakara	1
24	Kottapalli	Vadakara	1
25	Villyappalli	Vadakara	0
26	Changaroath	Quilandy	1
27	Chakkittapara	Quilandy	0
28	Vadakara	Vadakara	1
29	Perambra	Quilandy	0
30	Nadakkkuthazha	Vadakara	0
31	Thiruvallur	Vadakara	1
32	Cheruvannur	Quilandy	1
33	Eravattur	Quilandy	1
34	Koothali	Quilandy	1
35	Palayad	Vadakara	0
36	Maniyur	Vadakara	1
37	Iringal	Quilandy	1
38	Meshanyam	Quilandy	1
39	Kayanna	Quilandy	1
40	Nochad	Quilandy	1
41	Meppayur	Quilandy	1
42	Kanthalad	Quilandy	1
43	Thurayur	Quilandy	1
44	Kozhukallur	Quilandy	1
45	Kedavoor	Kozhikkode	1
46	Puthuppadi	Kozhikkode	1
47	Payyoli	Quilandy	0
48	Arikulam	Quilandy	0
49	Koorachundu	Quilandy	0
50	Nellippoyil	Kozhikkode	0

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51	Thikodi	Quilandy	0
52	Kottur	Quilandy	1
53	Keezhariyur	Quilandy	1
54	Kodancheri	Kozhikkode	1
55	Naduvannur	Quilandy	0
56	Avidanallur	Quilandy	1
57	Mudadi	Quilandy	1
58	Kinalur	Quilandy	1
59	Viyyur	Quilandy	0
60	Thiruvambadi	Kozhikkode	1
61	Unnikulam	Quilandy	1
62	Engapuzha	Kozhikkode	1
63	Panangad	Quilandy	0
64	Ulliyeri	Quilandy	1
65	Panthalayini	Quilandy	1
66	balusseri	Quilandy	1
67	Sivapuram	Quilandy	1
68	Koodattayi	Kozhikkode	1
69	Raroth	Kozhikkode	1
70	Nanminda	Kozhikkode	0
71	Kodaranji	Kozhikkode	1
72	Atholi	Quilandy	1
73	Chengottukavu	Quilandy	0
74	Kizhakothe	Kozhikkode	0
75	Chenancheri	Quilandy	0
76	Narikuni	Kozhikkode	1
77	Kakkur	Kozhikkode	1
78	Vavad	Kozhikkode	1
79	Puthur	Kozhikkode	1
80	Thalikulathur	Kozhikkode	1
81	Chelannur	Kozhikkode	1
82	Neeleswaram	Kozhikkode	0
83	Koduralli	Kozhikkode	1
84	Madavoor	Kozhikkode	0
85	Elathur	Kozhikkode	0
86	Kakkodi	Kozhikkode	0
87	Chettamangalam	Kozhikkode	1
88	Thazhekode	Kozhikkode	1
89	Kuruvattur	Kozhikkode	1
90	Kummamangalam	Kozhikkode	0
91	Kumaranalloor	Kozhikkode	1
92	Poolakode	Kozhikkode	1
93	Kakkad	Kozhikkode	1

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94	Vengeri	Kozhikkode	1
95	Puthiyangadi	Kozhikkode	1
96	Kodiyallur	Kozhikkode	1
97	Chelavoor	Kozhikkode	0
98	Chevayur	Kozhikkode	1
99	Peruvayal	Kozhikkode	1
100	Katcheri	Kozhikkode	0
101	Kuttikattur	Kozhikkode	1
102	Mavoor	Kozhikkode	1
103	Nellicode	Kozhikkode	0
104	Kuttuli	Kozhikkode	0
105	Kasaba	Kozhikkode	1
106	Perumanna	Kozhikkode	0
107	Valavanad	Kozhikkode	1
108	Panthuraskavu	Kozhikkode	0
109	Nagaran	Kozhikkode	0
110	Olavanna	Kozhikkode	0
111	Panniankara	Kozhikkode	0
112	Cheruvamur	Kozhikkode	0
113	Beypore	Kozhikkode	0
114	Ramanattukara	Kozhikkode	1
115	Feroke	Kozhikkode	1
116	Karuvanthuruthi	Kozhikkode	0
117	Kadalundi	Kozhikkode	0

ANNEXURE 24

DROUGHT PRONE AREAS

Sl.No	Village	Taluk	District	Class
1	Azhiyur	Vadakara	Kozhikkode	Moderate Drought
2	Chembanoda	Quilandy	Kozhikkode	Moderate Drought
3	Paleri	Quilandy	Kozhikkode	Moderate Drought
4	Changaroth	Quilandy	Kozhikkode	Moderate Drought
5	Perambra	Quilandy	Kozhikkode	Moderate Drought
6	Eravattur	Quilandy	Kozhikkode	Moderate Drought
7	Kayanna	Quilandy	Kozhikkode	Moderate Drought
8	Meppayur	Quilandy	Kozhikkode	Moderate Drought
9	Kozhukallur	Quilandy	Kozhikkode	Moderate Drought
10	Arikulam	Quilandy	Kozhikkode	Moderate Drought
11	Koorachundu	Quilandy	Kozhikkode	Moderate Drought
12	Kottur	Quilandy	Kozhikkode	Moderate Drought
13	Keezhariyur	Quilandy	Kozhikkode	Moderate Drought

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14	Naduvannur	Quilandy	Kozhikkode	Moderate Drought
15	Avidanallur	Quilandy	Kozhikkode	Moderate Drought
16	Kinalur	Quilandy	Kozhikkode	Moderate Drought
17	Viyyur	Quilandy	Kozhikkode	Moderate Drought
18	Panangad	Quilandy	Kozhikkode	Moderate Drought
19	Ulliyeri	Quilandy	Kozhikkode	Moderate Drought
20	balusseri	Quilandy	Kozhikkode	Moderate Drought
21	Sivapuram	Quilandy	Kozhikkode	Moderate Drought
22	Nanminda	Kozhikkode	Kozhikkode	Moderate Drought
23	Kodaranji	Kozhikkode	Kozhikkode	Moderate Drought
24	Atholi	Quilandy	Kozhikkode	Moderate Drought
25	Kizhakoath	Kozhikkode	Kozhikkode	Moderate Drought
26	Chenancheri	Quilandy	Kozhikkode	Moderate Drought
27	Kakkur	Kozhikkode	Kozhikkode	Moderate Drought
28	Vavad	Kozhikkode	Kozhikkode	Moderate Drought
29	Puthur	Kozhikkode	Kozhikkode	Moderate Drought
30	Thalakulathur	Kozhikkode	Kozhikkode	Moderate Drought
31	Chelannur	Kozhikkode	Kozhikkode	Moderate Drought
32	Koduralli	Kozhikkode	Kozhikkode	Moderate Drought
33	Madavoor	Kozhikkode	Kozhikkode	Moderate Drought
34	Elathur	Kozhikkode	Kozhikkode	Moderate Drought
35	Kakkodi	Kozhikkode	Kozhikkode	Moderate Drought
36	Chettamangalam	Kozhikkode	Kozhikkode	Moderate Drought
37	Thazhekcode	Kozhikkode	Kozhikkode	Moderate Drought
38	Kuruvattur	Kozhikkode	Kozhikkode	Moderate Drought
39	Kummamangalam	Kozhikkode	Kozhikkode	Moderate Drought
40	Poolakode	Kozhikkode	Kozhikkode	Moderate Drought
41	Kakkad	Kozhikkode	Kozhikkode	Moderate Drought
42	Vengeri	Kozhikkode	Kozhikkode	Moderate Drought
43	Puthiyangadi	Kozhikkode	Kozhikkode	Moderate Drought
44	Kodiyallur	Kozhikkode	Kozhikkode	Moderate Drought
45	Chelavoor	Kozhikkode	Kozhikkode	Moderate Drought
46	Chevayur	Kozhikkode	Kozhikkode	Moderate Drought
47	Peruvayal	Kozhikkode	Kozhikkode	Moderate Drought
48	Katcheri	Kozhikkode	Kozhikkode	Moderate Drought
49	Kuttikattur	Kozhikkode	Kozhikkode	Moderate Drought
50	Mavoor	Kozhikkode	Kozhikkode	Moderate Drought
51	Nellicode	Kozhikkode	Kozhikkode	Moderate Drought
52	Kuttuli	Kozhikkode	Kozhikkode	Moderate Drought
53	Kasaba	Kozhikkode	Kozhikkode	Moderate Drought
54	Perumanna	Kozhikkode	Kozhikkode	Moderate Drought
55	Valavanad	Kozhikkode	Kozhikkode	Moderate Drought
56	Panthuraskavu	Kozhikkode	Kozhikkode	Moderate Drought

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57	Nagaran	Kozhikkode	Kozhikkode	Moderate Drought
58	Olavanna	Kozhikkode	Kozhikkode	Moderate Drought
59	Panniankara	Kozhikkode	Kozhikkode	Moderate Drought
60	Cheruvamur	Kozhikkode	Kozhikkode	Moderate Drought
61	Beypore	Kozhikkode	Kozhikkode	Moderate Drought
62	Ramanattukara	Kozhikkode	Kozhikkode	Moderate Drought
63	Feroke	Kozhikkode	Kozhikkode	Moderate Drought
64	Karuvanthuruthi	Kozhikkode	Kozhikkode	Moderate Drought
65	Kadalundi	Kozhikkode	Kozhikkode	Moderate Drought
66	Iringal	Quilandy	Kozhikkode	No Drought
67	Payyoli	Quilandy	Kozhikkode	No Drought
68	Thikodi	Quilandy	Kozhikkode	No Drought
69	Koothali	Quilandy	Kozhikkode	Severe Drought
70	Meshanyam	Quilandy	Kozhikkode	Severe Drought
71	Nochad	Quilandy	Kozhikkode	Severe Drought
72	Vilangad	Vadakara	Kozhikkode	Slight Drought
73	Chekkyyad	Vadakara	Kozhikkode	Slight Drought
74	Valayam	Vadakara	Kozhikkode	Slight Drought
75	Vanimel	Vadakara	Kozhikkode	Slight Drought
76	Thinur	Vadakara	Kozhikkode	Slight Drought
77	Narippetta	Vadakara	Kozhikkode	Slight Drought
78	Kavilumpara	Vadakara	Kozhikkode	Slight Drought
79	Thuner	Vadakara	Kozhikkode	Slight Drought
80	Edacheri	Vadakara	Kozhikkode	Slight Drought
81	Kayakkodi	Vadakara	Kozhikkode	Slight Drought
82	Nadapuram	Vadakara	Kozhikkode	Slight Drought
83	Kunummal	Vadakara	Kozhikkode	Slight Drought
84	Eramala	Vadakara	Kozhikkode	Slight Drought
85	Purameri	Vadakara	Kozhikkode	Slight Drought
86	Maruthonkara	Vadakara	Kozhikkode	Slight Drought
87	Kuttadi	Vadakara	Kozhikkode	Slight Drought
88	Onchiyom	Vadakara	Kozhikkode	Slight Drought
89	Ayancheri	Vadakara	Kozhikkode	Slight Drought
90	Chorode	Vadakara	Kozhikkode	Slight Drought
91	Velom	Vadakara	Kozhikkode	Slight Drought
92	Kottapalli	Vadakara	Kozhikkode	Slight Drought
93	Villyappalli	Vadakara	Kozhikkode	Slight Drought
94	Chakkittapara	Quilandy	Kozhikkode	Slight Drought
95	Vadakara	Vadakara	Kozhikkode	Slight Drought
96	Nadakkkuthazha	Vadakara	Kozhikkode	Slight Drought
97	Thiruvallur	Vadakara	Kozhikkode	Slight Drought
98	Cheruvannur	Quilandy	Kozhikkode	Slight Drought
99	Palayad	Vadakara	Kozhikkode	Slight Drought

100	Maniyur	Vadakara	Kozhikkode	Slight Drought
101	Kanthalad	Quilandy	Kozhikkode	Slight Drought
102	Thurayur	Quilandy	Kozhikkode	Slight Drought
103	Kedavoor	Kozhikkode	Kozhikkode	Slight Drought
104	Puthuppadi	Kozhikkode	Kozhikkode	Slight Drought
105	Nellippoyil	Kozhikkode	Kozhikkode	Slight Drought
106	Kodancheri	Kozhikkode	Kozhikkode	Slight Drought
107	Mudadi	Quilandy	Kozhikkode	Slight Drought
108	Thiruvambadi	Kozhikkode	Kozhikkode	Slight Drought
109	Unnikulam	Quilandy	Kozhikkode	Slight Drought
110	Engapuzha	Kozhikkode	Kozhikkode	Slight Drought
111	Panthalayini	Quilandy	Kozhikkode	Slight Drought
112	Koodattayi	Kozhikkode	Kozhikkode	Slight Drought
113	Raroth	Kozhikkode	Kozhikkode	Slight Drought
114	Chengottukavu	Quilandy	Kozhikkode	Slight Drought
115	Narikuni	Kozhikkode	Kozhikkode	Slight Drought
116	Neeleswaram	Kozhikkode	Kozhikkode	Slight Drought
117	Kumaranalloor	Kozhikkode	Kozhikkode	Slight Drought

ANNEXURE 25

SOPS OF VARIOUS LINE DEPARTMENTS

1. Standard Operating Procedures and Preparedness Checklist for various Departments

It is necessary that all the departments have well defined standard operating procedures and preparedness checklists.

The District magistrate must circulate the standard operating procedure among the departments, and ask for compliance of the preparedness measures in the District Disaster management authority meeting. It is absolutely important that all the departments are very familiar with the overall plan and the procedures specifically applicable to them and report diligently upon their implementation.

Standard Operating Procedures should be modified and improved upon in light of changing circumstances. The District Magistrate should encourage all the departments to suggest changes in these procedures with a view to enhance the effectiveness of the District Disaster Management Plan. The Standard Operating Procedures (SOPs) of various departments at district level and given as under:

1.1 Standard Operating Procedures for Revenue Department:

In-charge Officer: District Magistrate/ ADM

1. Convene the meetings of District Disaster Management Authority.
2. Update the District Disaster Management Plan Quarterly.
3. Maintain and activate the District and Sub-divisional Control Rooms.
4. Establish communications with all stakeholders for purpose of receiving and sending warning and information exchange through district control room.
5. Establish warning systems between the local to district level and with media.
6. Ensure laying down construction norms for all types of buildings and infrastructure.
7. Ensure identification of safe places for establishment of relief camps and confirming their suitability.
8. Appoint In-charge Officers of Response base
9. Ensure damage and need assessment through teams formed through concerned departments.
10. Check upon inventory of resources
11. Ensure capacity building of the community and all departmental staff.
12. Ensure to establish and manage relief camps through life line departments.
13. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
14. Check the supplied of food grains through the Public Distribution System.
15. Prepare a list of relief items to be distributed
16. Seek tenders / quotations for all the relief items and fix the rates and suppliers
17. Ensuring to create and pre-dominate teams, transport, material and equipment for responding to the disaster incident.
18. Prepare a transportation plan for supply of relief items
19. Convene meetings of NGOs, Youth Clubs, Self Help Groups, etc. in the district, and assign them specific responsibilities for relief, recovery and rehabilitation
20. Constitute / activate Village – Level Preparedness Teams with the help of PRIs, local NGOs, and revenue officials
21. Prepare an evacuation plan for the villages which devastated
22. Prepare a list of temporary shelters, and check upon their suitability for accommodating people.
23. Ensure disposal of dead bodies and carcasses through Police, Medical, NGOs, Public Health and Forest Department.
24. Ensure general cleaning of the entire city area through water and sanitation, Municipal Corporation, Public Health Department, etc.
25. Ensure collation of expense accounts for sanctions and audits.
26. Activation of help lines through police and health departments and district public

relations office.

27. Ensure preparation of rehabilitation plan for displaced population through Town and Country Planning, ULBs/PRI, etc.
28. Ensure disbursement of Compensation.
29. If any warning gets from central agencies or their advice, prepare for evacuation plan for population from dangerous place.
32. Coordinate with Army, Indian Air Force, and Navy for support towards rescue, evacuation and relief.
33. Commence functioning of IRS and ESF systems.
34. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
35. Ensure that panic does not occur.
36. Activate all emergency communications.
37. Ensure Provision of Nutritional aspects of food for disaster victims.

Checklist:

Sl. No	Preparedness Measures	Actions Taken/Remarks
1	Update District Disaster Management Plan,twice a year containing Phone numbers, officials, details of offices and facilities	
2	Check upon communication network; phones,wireless, fax, internet, HAM, etc.	
3	Identify by hazard, Vulnerability and risk and prepare road maps of the district	
4	Activate District and Sub divisional Control Rooms.Assign employees to the control room	
5	Fix the location of Response base	
6	Designate In-charge officials of the Response base	
7	Convene meetings of District Disaster Management Authority	
8	Convene NGOs, PRI and ULBs meeting; Prepare a list of NGOs, and PRI with their functional specialization and Geographical coverage	
9	Check the availability of food Grains in PDSs shops and other stockings and distributors in the district	
10	Prepare a list of Relief Items for distribution in the height of local habits,cutoms etc.	
11	Determine quantity, quality of relief items as per minimum standards, and expenditure to be incurred on it.	
12	Prepare a transport and alternate transport plan for evacuation and distribution of relief.	
13	Prepare a media plan for dissemination of information to the people of the district; local newspapers, radio, TV and cable, etc.	
14	Ensure appropriate stocking of relief material received from outside.	

1.2. Standard Operating Procedures for the Police

In-charge Officer: Superintend of Police

1. Identify Disaster Prone area in the district
2. Prepare a Deployment Plan for the Police force, based on the needs of the most vulnerable areas.
3. Ensure that a sufficient number of police force is available for responding to the disaster situation.
4. Within the affected sub-division, all available personnel will be made available to the Deputy Commissioner. If more personnel are required, the out of station officers or those on leave may be recalled.
5. All district level officials of the Police Department must be asked to report to the Deputy Commissioner.
6. Constitute 'Search & Rescue' Teams from the Police force, and arrange training for these units. There should be at least one Search and Rescue Team for every district. However some of the district may have more than one 'Search and Rescue Team' depending upon the area and magnitude of disaster.
7. Establish coordination with the State Armed Police and Defence and Home Guards.
8. Check the wireless communication network, and secure additional wireless sets for deployment during a disaster.
9. Installation of radio communications at
 - District Control Room, Deputy Commissioner and SP Office
 - Control room at affected site.
 - Departmental Offices within the District & Division
10. Keep the police vehicles and other modest transport in readiness for deployment of the police.
11. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
12. The SP will ensure that all field staff and stationed officers submit the necessary action reports to control room.
13. Review and update precautionary measures and procedures and review with staff the precautions that have been taken to protect equipment.
14. Provide guards wherever needed particularly for staging area of cooperative food etc stores and distribution centres.
15. Evacuation will be ordered by District Magistrate/Additional District Magistrate, and Superintendent of Police.
16. Under appropriate security, Law and Order, the evacuation of community and livestock should be undertaken with assistance from community leaders.
17. All evacuation must be reported to District Magistrate/ Deputy Commissioner and Senior Superintendent of Police immediately.

18. Dispatch Police to systematically identify and assist people and communities in life-threatening situation.
19. Designate an area, within Police Station to be used as help line centre for public.
20. With the assistance of health professional, help injured people and assist the community in organizing emergency transport of seriously injured to medical treatment centers.
21. Ensure that the police stations with staff are functioning in disaster situation.
22. Assist and encourage the community in road-cleaning operation.
23. Assess and Identify road for following conditions.
 - One Way
 - Blocked
 - Alternate route
 - Overall Traffic Management
 - Other access roads
24. Organize training and mock-drill for police officer to handle disaster/crisis situation.
25. Provide security in transit and relief camps, affected villages, hospitals, and medical centers and identify areas to be cordoned off.
26. Transport carrying transit passengers (that is, passengers travelling through trains or
27. buses and passing through the district) should be diverted away from the
28. affected area.
29. Ensure security of installations.
30. Provide security arrangements for visiting VVIPs and VIPs.
31. Assist district authorities to take necessary action against Hoarders, Black Marketers and those found manipulating relief material.
32. In conjunction with other government offices, activate a public help- line to:
 - Respond to personal inquiries about the safety of relatives in the affected areas;
 - Respond to the many specific needs that will be given.
 - Serve as a rumor control centre.
 - Confidence building among the public.
33. Make officers available to inquire into and record deaths, as there is not likely to be time or personal available, to carry out Standard Post-mortem Procedures.
33. Monitor the needs and welfare of people sheltered in relief camps.
34. Establish coordination with the Fire Services.
35. Coordinate with military service personnel in the area.
36. Adequate Security to International Agencies/Countries personnel for Search & Rescue, Medical Assistance and Security for their relief material and equipments etc.
37. Manage Traffic/Crowd. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.

Checklist:

Sl. No	Preparedness Measures	Action Taken / Remarks
1.	Prepare a deployment plan for police forces	
2.	Check the availability and readiness of the search and rescue teams from within the District Police	
3.	Check wireless communication network and setup links with the District Control Room and Sub-divisional Control Rooms; Make additional wireless sets available, if required	
4.	Develop a traffic plan for contingencies arising out of disasters – one way blocked ways, alternate routes and traffic diversion	
5.	Develop a patrolling plan for critical infrastructure and affected villages/locality.	
6.	Keep the vehicles and other modes of transport available with the Police in readiness	
7.	Prepare a Plan for VIP visits to disaster affected areas	
8.	Identify anti social elements that could create nuisance and take suitable preventive action.	
9.	Coordinate with International Teams and provide them with adequate security	

1.3. Standard Operating Procedures for Irrigation Department

In-charge Officer: Superintendent Engineer, Irrigation

1. Prepare and update the disaster risk map of the district. The map should show the vulnerability and risks of the critical infrastructure related to irrigation and also whether alternate source of water within the district.
2. Prepare a contingency plan for the maintenance and repairs of Bundhs and embankments.
3. Officials of the department at district level would be asked to report as per IRS plan.
4. All personnel required for IRS and other activities should work under the overall supervision and guidance of Deputy Commissioner.
5. Review and update precautionary measures and procedures.
6. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
7. Check the wireless network connecting flood stations and undertake necessary repairs.
8. Set up the protocol for exchange of information with Flood Control Rooms at State, National levels.
9. Set up the protocol for reporting of flood situation to the District Magistrate / District Control Room.
10. Establish radio communications with District Control Room, Department offices.
11. Identify Bundhs, which are critical for disaster protection and control.
12. Prepare a list of critical Bundhs, which need repairs and reinforcement after the last floods. Submit a list of these Bundhs to the District Magistrate and the state government, and ask for necessary financial allocation.

13. Commence repairs of critical Bundhs in the month of January every year after surveying the damages of floods/disaster last year, and ensure that all the repairs are completed in the month of May.
14. Provide special attention to those places where the Bundhs were breached and repaired during the last floods/disaster last year. These are the Bundhs, which will be threatened first, when the floods approach.
15. Undertake channel improvement for rivers and canals to the extent possible. Undertake de-silting / cleaning of channels and canals to improve the flow of water.
16. Check all the channels and regulators on the Bundhs and canals. Clean siphons before the monsoon. Increase their capacity or replace them if the size of siphons and regulators is too small to prevent water from flowing in.
17. Keep in readiness essential tool kits and protection material at critical places for emergency deployment. These may include:
 - Empty Cement Bags
 - Boulders
 - Ropes
 - Sand
 - Wire mesh
 - Shovels
 - Baskets
 - Lights
 - First Aid Kit
14. Organize round the clock inspection and repair of :
 - Bunds
 - Dams
 - Irrigation channel
 - Bridges
 - Outlets
 - Control gates
 - Overflow channels
15. The emergency tool kits with each technical assistant should be checked.
16. Organize round the clock inspection and repair of :
 - Pumps
 - Generators
 - Motor equipment
 - Station building
17. Designate one officer posted at exposed areas as an Emergency Officer subject to the condition that he is well aware of Floods/Disaster, and its effects
18. The inlet and outlet of lakes & reservoirs should be inspected to ensure that waterways

are unobstructed by trees or vegetation

19. Any repairs/under construction activity should be well secured with sand bags, rock falls, etc.
20. Materials likely to be damaged by rains, such as concrete in bags, electric motors, office records, etc should be covered with plastic and well secured, even through stored inside
21. Check all the rain-gauge stations and ensure that they are function properly. Check that the readings from these stations are available immediately to the Irrigation Department. Prescribe a register for recording of rainfall.
22. Check all the rain-gauge stations and ensure that they are function properly. Check that the readings from these stations are available immediately to the Irrigation Department. Prescribe a register for recording of rainfall.

Field Office Priorities:

Continue round the clock inspection and repair of bunds, dams, and irrigation channels bridges culverts, control gates and overflow channels etc.

Continue round the clock inspection and repair of pumps, generators, motor equipment and station buildings.

- Clearing the inlet and outlet to lake or reservoirs to ensure that waterways are unobstructed by trees or vegetation on an on-going basis.
- Information formats and monitoring checklist should be used for programme monitoring and development and for reporting to Emergency Operations Centre (EOC). This is in addition to existing reporting system in the department.

Checklist

Sl. No	Preparedness Measures	Action Taken / Remarks
1	Check the wireless network and ensure that all the flood stations are connected.	
2	Establish mechanisms for exchange of information with irrigation divisions at State/National levels	
3	Inspect all the Bunds, and check their height and slope	
4	Check the top of the Bunds, and if they have been cleared of encumbrances/encroachments and if they are motorable	
5	Check that all the Bunds have been repaired/reinforced, in particular those bunds which were damaged during the last floods.	
6	Check the drainage system of the Bunds and ensure that the seepage and rat holes, etc. have been closed.	
7	Check that all the materials required for protecting bunds have been stored at different places, and a list of these places has been furnished to the district administration .	
8	Check that the Junior engineers and other staff have been	

	assigned their beats, and all the arrangements for continuous vigilance over these Bundhs have been made	
9	Check that all rain gauge stations are functional, and arrangements have been made to report the readings.	
10	Check the regulators and siphons. Check that they have been repaired and cleaned, increasing the flow of water.	
11	Check all the anti-erosion works	

1.4. Standard Operating Procedures for Health Department

In-charge officer: Chief Medical Officer

1. Prepare Hazard Vulnerability and Risk Map of the District.
2. Prepare a health contingency plan for the district. It should include a list of government hospitals, primary health centers and sub-centers, and medical personnel. The contingency plan should also include the details of hospitals and medical practitioners in the private sector.
3. All personnel required for management of disaster should work under the overall supervision and guidance of District magistrate/Additional. District magistrate
4. Based on HVR analyses, obtain a list of Response Base from the District magistrate's office, and assign the medical personnel to each of these Response Bases to the extent possible. Keep essential medicines and first aid facilities with each Response Base.
5. Constitute mobile response units consisting of a doctor, health workers and ANMs, and prepare a deployment plan. Each mobile health unit will cover at least one Response Base in a day.
6. Review and update precautionary measures and procedures,
7. Review with staff, the precautions that have been taken to protect equipments.
8. Determine type of injuries/illness expected and drugs and other medical items required and accordingly ensure that extra supplies of medical items are obtained quickly.
9. Provide information to all health staff about the disaster, likely damages and effects and information about way to protect life, equipment and property.
10. Non ambulatory patients should be relocated to the safest areas within the hospital. The safest rooms are likely to be:
 - On ground floor.
 - Rooms in the Centre of the building away from windows.
 - Rooms with concrete ceilings.
 - Dressing pads should be assembled sterilized.
11. A large enough number should be sterilized to last for four to five days.
12. Secure medical supplies in adequate quantity for dealing with these situations, which may include:
 - Oral Rehydration Solutions
 - Chlorine Tablets

- Bleaching Powder
 - Anti diarrheal and Anti emetic medicines
 - Intravenous fluids
 - Suture materials
 - Surgical Dressings
 - Splints
 - Plaster Rolls
 - Disposable Needles and Syringes
 - Local Antiseptics
13. All valuable instruments such as surgical tools, ophthalmoscopes, portable sterilizers, ECG machine, dental equipments, Ultra sound machine, analyzer, invertors, computer hardware etc should be packed in protective coverings and stored in rooms considered to be the most damage proof.
 14. Protect all immovable equipment such as X-ray machines, Sterilizer, Dental chair by covering them with tarpaulins or polythene.
 15. Ensure adequate supplies of blood in the district through District Red cross society and other prominent agencies.
 16. Keep one operating facility in each Response Base in readiness. Maintain all the equipment necessary for operations.
 17. Prepare a maternity facility for pregnant women in every Response Base/ Advance Medical Post.
 18. Check stocks of equipments and drugs which are likely to be most needed in disaster management. These can be categorized generally as:
 19. Drugs used in treatment of wounds and fractures such as tetanus toxoid analgesics, antibiotics, Dressing material, and Splint.
 20. Drugs used for treatment of diarrhoea, water borne diseases influenza malaria, infective hepatitis.
 21. Drugs required treating snake bite and fighting infection.
 22. Drugs needed for detoxication including breathing equipments.
 23. Intravenous fluids.
 24. Check the emergency electrical generator to ensure that it is operational and that buffer stock of fuel exists. If an emergency generator is not available at the hospital, arrange for one.
 25. Request central warehouse immediately to dispatch supplies likely to be needed in hospitals, on an emergency priority basis.
 26. Fill hospital water storage tanks, if no storage tanks exist; water for drinking should be drawn in clean containers and protected.
 27. Prepare an area of the hospital for receiving casualties.
 28. Develop emergency admission procedures.
 29. Orient field staff with standards of services, procedures including tagging;

30. Hospital administration should:
31. Establish work schedules to ensure that adequate staff is available for in patients needs.
32. Organize in house emergency medical teams to ensure that adequate staff is available at all times to handle emergency causalities.
33. Set up teams of doctors, nurses and paramedical staff as per IRS.

Field Office Priorities:

- Transport will be arranged for transfer of seriously injured/ill patients from villages and peripheral hospital to general hospitals. If roads are blocked helicopter should arranged by Nodal Officer.
- Establish health facilities and treatment centres at disaster affected site.
- Procedures should be clarified between Health Services of Govt., private and other established at transit camps, relief camps and affected site/villages. PHCs CHCs , Civil Hospital , Private Hospitals Blood Banks
- Maintain check posts and surveillance at each railway stations, Bus Stands depots and all entry and exit points of the affected area, especially during the threat or existence of an epidemic.
- An injury and disease monitoring system should be developed to ensure that a full picture of health risk is maintained. Monitoring should be carried out for potable water and quality of food and disposal of waste in transit and relief camps, feeding centres and affected villages.
- Plan for emergency accommodations for auxiliary staff from outside the area.
- Information formats and monitoring checklist must be used for programme monitoring and development and for reporting to emergency operation centre at state level. This is in addition to existing reporting system in the department
- Establishment of a “Health Helpline” with means of communication to assist in providing an organized source of information. The hospital is responsible for keeping the community informed of its potential and limitations in disaster situations, list of admitted patients and dead persons etc.
- The local police, rescue teams and ambulance teams should be aware of the resources of each hospital.

Checklist:

Sl. No.	Preparedness Measures	Action Taken/ Remarks
1	Prepare a Health Contingency Plan for deployment of health and medical personnel	
2	Obtain a list of Respondent Base from district administration and assign mobile health units and medical staff to each Response Base	
3	Organize vaccination in Disaster affected area	

4	Ensure necessary stock of medical supplies and blood	
5	Organize maternity care centers in every Advance Medical Post	
6	Keep operative facilities in readiness	
7	Seek mutual aid arrangement with hospitals/dispensaries in the area	

1.5. Standard Operating Procedures for Agriculture Department

In-charge Officer: Principal Agriculture officer

1. Prepare HRV Analysis of the district.
2. Develop Contingency Action Plan based on HRV analysis.
3. Within the affected sub-division/Tehsil all available personnel will be made available to the District Magistrate/Deputy Commissioner. If more personnel are required then, out of station officer or those on leave may be recalled.
4. All personnel required for Disaster/Flood Management should work under the overall supervision and guidance of the District Magistrate.
5. Establish communications with District Magistrate/Deputy Commissioner, District Control Room and Agriculture colleges, seed banks, nurseries (private and public) within the division.
6. Review and update precautionary measures and procedures.
7. Check available stocks of equipments and materials which are likely to be most needed during and after flood/disaster.
8. Stock agricultural equipments which may be required during and after flood.
9. Determine what damage, pests or disease may be expected, and what drugs and other insecticide items will be required, in addition to requirements of setting up extension teams for crop protection, and accordingly ensure that extra supplies and materials, be obtained quickly.
10. All valuable equipments and instruments should be packed in protective coverings and stored in room the most damage-proof.
11. All electrical equipments should be unplugged when flood/disaster warning is received.
12. Extension Officers should be unplugged when flood/disaster warning is received.
13. Extension Officers should be assisted to
 - a. Establish work schedules to ensure that adequate are available.
 - b. Set up teams of extension personnel and assistants for visiting disaster/flood affected sites.
14. Assess the extent of damage to soil, crop, plantation, micro-irrigation systems and storage facilities and the requirements to salvage or replantation.
15. Provision of agricultural services should be coordinated with irrigation department, DRDO, District EOC, SITE OPERATIONS CENTRES.
16. Ensure that certified seeds of required varieties are available in adequate quantities. The

Agriculture Department should work with National Seeds Corporation and other suppliers and ensure availability at their depots or have agents appointed for the same.

17. Print and widely distribute the list of points where certified seeds are available along with names of varieties and rates. Notices may be affixed at public places such as bus stands, on buses themselves, PHCs, Block headquarters, Tehsils, etc.
18. Suggest variety of seeds and cropping pattern, which can reduce losses and reduce the risks to farmers.
 - Develop a pest and disease monitoring system so that timely steps can be taken to reduce damage to crops.
 - Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
 - Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
19. Organize transport, storage and distribution of the above with adequate record keeping procedures.
20. Ensure that adequate conditions through cleaning operations are maintained to avoid water logging and salinity.
21. A pests and disease monitoring system should be developed to ensure that a full picture or risks is maintained.
22. Plan for emergency accommodations for agriculture staff from outside the area.
23. Establishment of a public information centre with a means of communication, to assist in providing an organized source of information. The department is responsible for keeping the community informed of its potential and limitations in flood situation.
24. Assist farmers to re-establish their contacts with agriculture produce market and ensure that appropriate prices be offered to them.

Checklist:

Sl. No.	Preparedness Measures	Action Taken/ Remarks
1	Check the availability of seeds, and disseminate information about the outlets where seeds can be made available	
2	Set up a public information system regarding sowing of crops, alternative crops, pests, and application of fertilizers	
3	Prepare a program for spray of pesticides and insecticides after the disaster	

1.6. Standard Operating Procedures for Animal Husbandry

In-Charge Officer: District Animal Husbandry Officer

Phone: 0484 - 2360648

1. Prepare HRV Analysis of Animal Husbandry Department of the District.

2. Based on HRV Analysis, prepare Contingency Action Plan of the District.
3. All personnel required for Disaster/Flood Management should work under supervision and guidelines of District Magistrate/ADM.
4. Within the affected district and Sub-division, all available personnel will be made available .If more personnel are required, then out of station officers or those on leave may be recalled.
5. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
6. Establish radio communications with
 - District Control Room
 - Veterinary aid centres and hospitals (including private practitioners) within the division.
7. Prepare a list of water borne diseases that are preventable by vaccination. Publicize the information about common diseases afflicting livestock and the precautions that need to be taken.
8. Assist the Revenue Department in preparing plans for cattle camps and cattle feeding centers.
9. Stock emergency medical equipments which may be required during and post disaster
10. Determine what injuries/ illnesses may be expected, and what drugs and other medical items will be required, in addition to requirements of setting up cattle camps, and accordingly ensure that extra supplies of medical items and materials be obtained quickly.
11. Provide information to all staff of veterinary hospitals and centres about the floods, likely damages and effects, and information about ways to protect life, equipments and property.
12. Surgical packs should be assembled and sterilized.
13. Enough stock of surgical packs should be sterilized to last for four to five days.
14. The sterilized surgical packs must be stored in protective cabinets to ensure that they do not get wet. Covering the stock with polythene is recommended as an added safety measure.
15. All valuable equipments and instruments should be packed in protective coverings and stored in room the most damage-proof.
16. Organize vaccination campaigns in disaster prone villages before, during and after the disaster.
17. Prepare kits for veterinary diseases, which could be provided to veterinary doctors at the block level and officers at the village level. Kits can also be provided to the private veterinary doctors.
18. Check the emergency electrical generator, to ensure that it is operational, and that a buffer stock of fuel exists. If an emergency generator is not available at the hospital, arrange for one on loan.
19. Check stocks of equipments and drugs which are likely to be most needed during and

after disaster.

20. Request from central warehouses, on an emergency priority basis, that those supplies likely to be needed be dispatched to the hospital immediately.
21. Fill department vehicles with fuel and park them in a protected area.
22. Prepare an area of the hospital for receiving large number of livestock.
23. Develop emergency admission procedures (with adequate record keeping).
24. Cattle camps and hospitals administrators should.
25. Establish work schedules to ensure that adequate staff are available.
26. Set up teams of veterinary doctors, and assistants for visiting flood affected sites.
27. Organize transfer of seriously injured livestock from villages to veterinary aid centres wherever possible.
28. The provision of medical services should be coordinated by the District Animal Husbandry Officer with District Control Room, and cattle camps.
29. Establish cattle camps and additional veterinary aid centres at affected sites and designate an Officer In-charge for the camp.
30. Estimate the requirement of water, fodder and animal feed, for cattle camps and organize the same.
31. Ensure that adequate sanitary conditions through cleaning operations are maintained in order to avoid outbreak of any epidemic.
32. An injury and disease monitoring system should be developed, to ensure that a full picture of risk is maintained.
33. Standard for Cattle Camps
 - The minimum number of cattle in the camp should be about 100 and the maximum 500.
 - The cattle camps should be located at suitable sites bearing in mind, that adequate supply of water and shade are most essential for the well being of the cattle.
 - Cattle sheds constructed should not exceed 20 sq. feet per animal.

The feeding centres for cattle should be located in such a manner that.

- There is adequate supply of drinking water.
- There is sufficient shade for cattle to rest during the afternoon.
- They are located as near the rail head as possible.
- They are conveniently located, not beyond a radius of 8 Km from the affected villages.

Preparedness Checklist for Animal Husbandry

Sl. No.	Preparedness Measures	Action Taken/ Remarks
1	Publicize the list of common ailments in disaster and possible precautions	

2	Organisation of vaccination for cattle in disaster villages	
3	Prepare a plan for setting up cattle camps and cattle feeding centers	
4	Prepare kits which could be given to Veterinary doctors and Animal Husbandry workers	

1.7. Standard Operating Procedure for Water Authority

In-Charge Officer :KWA, Ernakulam Circle

Contact number : 0484 - 2360645

1. Conduct HRV analysis of the department.
2. Based on HRV analysis, prepared Contingency Action Plan for the Department.
3. All personnel required for disaster management should work under the overall supervision and guidance of District Magistrate/ Deputy Commissioner of the district.
4. Review and update precautionary measures and procedures and review with staff the precautions that have been taken to protect equipment.
5. Within the affected tehsil, all available personnel will be made available to the concerned officer. If more personnel are required then out of station official or those on leave may be recalled.
6. Inform people to store an emergency supply of drinking water.
7. A standby water supply should be available in the event of damage, saline intrusion or other pollution of the regular supply.
8. Establish procedures for the emergency distribution of water if existing supply is disrupted.
9. Make provisions to acquire tankers and establish other temporary means of distributing water on an emergency basis.
10. Prepare plans for water distribution to all transit and relief camps, affected villages and cattle camps and ensure proper execution of these plans.
11. A minimum level of stock should be maintained for emergencies, and should include extra lengths of pipe connections, joints, hydrants and bleaching powder. Adequate tools should be on hand to carry out emergency repairs.
12. Protect pumps and motors with adequate protection (if the building is not flood-proof) to prevent damage.
13. Make sure auxiliary generators and standby engines are in good working order.
14. Establish emergency work gangs for immediate during post-disaster repairs.
15. Investigation of alternate of water and its supply.
16. After any repair on the distribution system, the required main should be flushed and disinfected with a chlorine solution of 50 mg/litre for a contact period of 24 hours, after which the main is emptied and flushed again with potable water.
17. If the demand for water is urgent, or the repaired main cannot be isolated, the concentration of the disinfecting solution may be increased to 100 mg/litre and the

contact period reduced to 1 hour.

18. At the end of disinfection operations, but before the main is put back into services, samples should be taken for bacteriological analysis and determination of chlorine residue.
19. Protect pump stations from water logging.
20. Repair sewage lines where damage is detected.
21. Repair water pipelines wherever damaged.
22. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
23. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
24. When a water treatment plant, pumping station, of distribution system is so badly damaged that operation cannot be restored for some time, other methods described in the following paragraphs must be used.
25. Water from these sources, with adequate chlorination as necessary, can be connected to a distribution system or hauled to the points of consumption.
26. Identify unacceptable water sources and take necessary precautions to ensure that no water is accessed from such sources, either by sealing such arrangements or by posting the department guards.
27. Ensure that potable water supply is restored as per the standards and procedures laid down in “Standards for Potable Water”.
28. Plan for emergency accommodations for staff from outside the area.
29. To take special measures and schemes for areas with Drinking Water Supply.

Checklist:

Sl. No.	Preparedness Measures	Action Taken/ Remarks
1	Check the condition of pumps for draining floodwater. Ensure pumps are in working condition.	
2	Protect water supply pumps from water logging	
3	Keep hand pumps, pipes and sockets in readiness for installation/ increasing the height of pipes	
4	Obtain a list of temporary shelters/ Bundhs where people took shelter during last disaster. Prepare for installation of hand pumps at all such Locations	
5	Maintain adequate stock of chlorine tables and bleaching powder	

1.8. Standard Operating Procedures for Forest Department

In-Charge Officer : Divisional Forest officer Malyattoor

Contact Number : 0484 - 2649052

1. Conduct HRV analysis of Forest of the district.
2. Based on HRV analysis, prepared Contingency Action Plan for the Department.

3. All personnel required for disaster management should work under the overall supervision and guidance of Deputy Commissioner.
4. All district level officials of the department would be asked to report to the Deputy Commissioner when disaster occurs.
5. Open the forest land for free grazing when flood waters enter villages, and there is not enough fodder available.
6. Allow the transportation of fodder from forest areas, when the fodder is not freely available.
7. Provide wooden poles and bamboo for relief and reconstruction at subsidized rate. Provide these materials to all the technical departments, which need them.
8. Ensure Plantation to maximum possible extent.
9. Ensure supply of wood for disposal of dead bodies.
10. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
11. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.

1.9. Standard Operating Procedures for Public Works Department

In-Charge Officer: Chief Engineer PWD (R&B) Central Circle, Aluva

1. Conduct HRV analysis of PWD of the district.
2. Based on HRV analysis, prepared Contingency Action Plan for the Department.
3. All personnel required for disaster management should work under the overall supervision and guidance of District Magistrate/Additional District Magistrate..
4. Within the affected Sub-division, all available personnel will be made available to the District Magistrate/Deputy Commissioner. If more personnel are required then out of station officers or those on leave may be recalled.
5. Establish radio communications with State Emergency Operations Centre, Divisional Commissioner, District Control Room and departmental offices within the division.
6. The Officer-in-Charge-PW (B&R)” will be responsible for mobilizing staff and volunteers to clear the roads in his section.
7. The Office Incharge PW (B&R) should be familiar with pre-disaster precautions and during and post-disaster procedures for road clearing and for defining safe evacuation routes where necessary.
8. All officers (technical officers) should be notified and should meet the staff to review emergency procedures.
9. Review and update precautionary measures and procedures, and review with staff the precautions that have been taken to protect equipment.
10. Vehicles should be inspected, fuel tanks filled and batteries and electrical wiring covered as necessary.
11. Extra transport vehicles should be dispatched from headquarters and stationed at safe

strategic spots along routes likely to be affected.

12. Heavy equipments, such as front-end loaders, should be moved to areas likely to be damaged and secured in a safe place.
13. Clean the area beneath bridges regularly for smooth flow of water excess.
14. Maintain all the highways and access roads, which are critical from the point of view of supplying relief.
15. Inspect all buildings and structures of the state government (including hospital buildings.) by a senior engineer and identify structures which are endangered by the impending disaster.
16. Emergency tools kits should be assembled for each division, and should include:
 - Crosscut saws
 - Axes
 - Power chain saw with extra fuel, oil
 - Sharpening files
 - Chains and tightening wrenches
 - Pulley block with chain and rope
17. The designation of routes strategic to evacuation and relief should be identified and marked, in close coordination with police and District Control Room.
18. Establish a priority listing of roads which will be opened first. Among the most important are the roads to hospitals and main trunk routes.
19. Give priority attention to urgent repair works that need to be undertaken in disaster affected areas.
20. Work under construction should be secured with ropes, sandbags and covered with tarpaulins if necessary.
21. Emergency inspection by mechanical engineer of all plant and equipment in the district workshops.
22. If people are evacuating an area, the evacuation routes should be checked and people assisted.
23. Construct/ reinforce the connecting roads from villages to roads, canals and Bundhs and raise their level so that people can access the high ground.
24. Laying down layout of roads, gardens and other response facilities from the view point of prevention of congestions, quicker response and facilities alternative routing.
25. Inspection of old buildings and suggesting retrofitting of weak buildings/ demolition of dangerous structures and evacuation of population.
26. Carry out route opening by removing debris on the road.
27. Identify locations for setting up transit and relief camps, feeding centres and quantity of construction materials and inform DCR accordingly.
28. All work teams should be issued two-way communication Link.
29. Provide a work team carrying emergency tool kits, depending on the nature and extent of the disaster, essential equipments such as.

- Towing vehicles
 - Earth moving equipments
 - Cranes etc.
30. Each unit should mobilize a farm tractor with chain, and a buffer stock of fuel.
 31. Adequate road signs should be installed to guide and assist the drivers.
 32. Begin clearing roads. Assemble casual labourers to work with experienced staff and divide them into work gangs.
 33. Coordinate with Building and Construction Department of Zila Parishad/ADC Office.
 34. Mobilize community assistance for road clearing by contacting community organizations.
 35. Undertake clearing of ditches, grass cutting, burning or removal of debris, and the cutting of dangerous trees along the roadside in the affected area through maintenance engineer's staff.
 36. Undertake repair of all paved and unpaved road surfaces including edge metalling, pothole patching and any failure of surface, foundations in the affected areas by maintenance engineer's staff and keep monitoring their conditions.
 37. Undertake construction of temporary roads to serve as access to temporary transit and relief camps, and medical facilities for flood victims.
 38. As per the decisions of the District Control Room, undertake construction of temporary structures required, for organizing relief work and construction of relief camps, feeding centres, medical facilities, cattle camps and SITE OPERATIONS CENTRES.
 39. An up-to-date report of all damage and repairs should be kept in the district office report book and communicate the same to the District Control Room.
 40. If possible, a review of the extent of damage (by helicopter) should be arranged for the field Officer-in-Charge, in order to dispatch most efficiently road clearing crews, and determine the equipments needed.

1.10. Standard Operating Procedures for KSEB

In-charge officer: Chief Engineer (Distribution), Kochi

1. Conduct HRV analysis for the department of the district.
2. Based on HRV analysis, prepare Contingency Action Plan of department of Power Supply.
3. All personnel required for disaster management with work under the overall supervision and guidance of responsible officer.
4. Within the affected sub-division all available personal will be made available as per IRS plan. If more personnel are required, then out of station officers and by those on leave may be recalled.
5. Establish radio communications with State Emergency Operation Centre, District Control Room and your departmental offices within /Division.
6. All district level officials of the department would be asked to report District Magistrate.
7. Ensure that the Power Supply department to make alternate arrangements of emergency

supply for the following offices from time of receipt of districts:

- Hospitals
 - Public Health Departments
 - Deputy Commissioner Office,
 - District EOC, Sub-Divisional EOC, site Operation Centres.
 - Police Stations
 - Telecommunications buildings
 - Irrigation Office
 - Any other place if required.
8. Check emergency tool kits, assembling any additional equipment needed.
 9. After receiving alert warning, immediately undertake following inspection:
 - High tension lines
 - Towers
 - Sub-stations
 - Transformers
 - Insulators
 - Poles and
 - Other equipments
 10. Review the total extent of the damage to power supply installations.
 11. Instruct staff to disconnect the main electricity supply for the affected area.
 12. Protect Power Stations from disaster. Raise the height of compound walls. Install pump sets for draining water in case of Flood/ Cyclone/ Tsunami, etc.
 13. Provide information to the people about the state of power supply. It is one of the most important sources of information.
 14. Call for emergency meeting to take stock of the situation. Develop a strategy and objectives.
 15. Hire casual labourers on an emergency basis for clearing of damaged poles and salvage of conductors and insulators.
 16. Begin repair/reconstruction
 17. Assist hospitals in establishing an emergency supply by assembling generators and other emergency equipments if necessary.
 18. Establish temporary electric supplies to other key public facilities, public water system etc. to support emergency relief.
 19. Establish temporary electric supplies to transit camps feeding centres, relief camps and Site Operation Centre, District EOC and on access roads to the same.
 20. Compile an itemized assessment of damage, from reports made by various electrical receiving centres and sub-centres.
 21. Report all activities to the head office and district EOC.
 22. Plan for emergency accommodations for staff from outside the area.

1.11. Standard Operating Procedure for Transport department

In-Charge Officer: Head, Transport Department at the district

Activities

1. Prepare a list of vehicles- trucks, buses, jeeps, tractors, etc of government and private agencies in the district and provide the list to the District control room.
2. Provide requires vans and ambulances for mobile health and animal husbandry teams.
3. Provide trucks, buses, jeeps, tractors, etc for evacuation and supply chain management
4. Recall important functionaries from leave; communicate to the staff to man their places of duties like the ward and divisional offices and respective departments.
5. Call for emergency meeting to take stock of the situation. Develop a strategy and objective.

ANNEXURE 18

EMERGENCY SUPPORT FUNCTIONS

Roles and responsibilities of primary and secondary Emergency Support Agencies

ESF No	ESF	Primary agency	Secondary agency	Responsibilities of Primary agency	Activities for Response	Role of Secondary agency
1	Command and Control	<ul style="list-style-type: none"> •SEOC •DEOC 	<ul style="list-style-type: none"> • Dept. of IT • National Informatics Centre 	<ul style="list-style-type: none"> • Act as the headquarters of Emergency Operations • Issue directions on-behalf of the State Incident Commander • Issue status update of weather and other relevant environmental parameters • Operate a Disaster Welfare Information (DWI) System to collect, receive and report and status of victims and assist family reunification • Apply GIS to speed other facilities of relief and search and rescue • Enable local authorities to establish contact with the State authorities • Coordinate planning procedures between district, State and the centre • Provide ready formats for all reporting procedures as a standby 	<ul style="list-style-type: none"> • Documentation of response/ relief and recovery measures • Situation reports to be prepared and completed every 3-4 hours 	<p>Ensure perennial and uninterrupted communication facilities for the SEOC/DEOC</p>

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2	Communication	BSNL	<ul style="list-style-type: none"> • Police • Central and State Armed Forces • HAM Radio Operators 	<ul style="list-style-type: none"> • Coordination of actions to assure the provision of telecommunication support in the state and district • Coordinate the requirement of temporary telecommunication in the affected area 	<ul style="list-style-type: none"> • Responsible actions to assure the provision of telecommunication support to the State and district response elements • Coordinate the requirement of temporary telecommunication in the affected areas 	<ul style="list-style-type: none"> • Make available Police and Disaster Management wireless network at the affected locations • Coordinate for the other networks available such as HAM Radios and community radios • The units of armed forces in the area would provide communication network on the request of the competent authority
3	Public health	Dept. of Health and Family Welfare	<ul style="list-style-type: none"> • Dept. of Indian Systems of Medicine • Dept. of Homeopathy • Dept. of Social Justice • Non-Governmental Organizations 	<ul style="list-style-type: none"> • To coordinate, direct and integrate State level response • Direct activation of medical personnel, supplies and equipment • Coordinate the evacuation of patients • Provide human services under the Dept. of Health • To prepare and keep ready Mobile Hospitals and stocks • To network with private health service providers • To provide for mass 	<ul style="list-style-type: none"> • Provide systematic approach to patient care • Perform medical evaluation and treatment as needed • Maintain patient tracking system to keep record of all patients treated • Mobilization of the private health service providers 	<ul style="list-style-type: none"> • To perform the same functions as assigned to the primary agency • Provide manpower to the primary agency wherever available and needed • Make available its resources to the primary agency wherever needed and available

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				<p>decontamination</p> <ul style="list-style-type: none"> • Check stocks of equipment and drugs • Assess damage for national assistance 	<p>for emergency response</p> <ul style="list-style-type: none"> • In the vent of CNBR disaster to provide for the mass decontamination of the affected population • Maintain record of dead and arrange for their post mortem 	
4	Sanitation/Sewerage Disposal	<ul style="list-style-type: none"> • Urban Affairs • Rural Development • Local Self Governments 	<ul style="list-style-type: none"> • Irrigation • Public Health • Non-Governmental Organizations 	<ul style="list-style-type: none"> • Make arrangement for disposal of waste in their respective areas • Arrange adequate material and man power to maintain cleanliness and hygiene • Assess damage for national assistance 	<ul style="list-style-type: none"> • Ensure cleanliness and hygiene in their respective areas • To arrange for the disposal of unclaimed bodies and record keeping thereof • Hygiene promotion with the availability of mobile toilets 	<ul style="list-style-type: none"> • Repair the sewer leakages immediately • Provide bleaching powder to the primary agencies to check, maintain sanitation
5	Power	KSEB	<ul style="list-style-type: none"> • Dept. of Revenue & Disaster Management • Police 	<ul style="list-style-type: none"> • Provide and coordinate State support until the local authorities are prepared to handle all power related problems • Identify requirements of external equipment required 	<ul style="list-style-type: none"> • Support to local Administration • Review the total extent of damage to the power supply installations by a 	<p>Make arrangement for and to provide the alternative sources of lighting and heating to the affected populations and for the relief camps</p>

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				<p>such as Generators</p> <ul style="list-style-type: none"> • Assess damage for national assistance 	<p>reconnaissance survey</p> <ul style="list-style-type: none"> • To provide alternative means of power supply for emergency purposes • Dispatch emergency repair teams equipped with tools, tents and food • Hire casual labour for the clearing of damaged poles etc. 	
F6	Transport	Dept. of Transport	<ul style="list-style-type: none"> • KSRTC • Airport Authority • Air Force • Navy • KSWTC • All other Government Departments with fleets of vehicles • All private vehicle owners 	<ul style="list-style-type: none"> • Overall coordination of the requirement of the transport • Make an inventory of vehicles available for various purposes • Coordinate and implement emergency related response and recovery functions, search and rescue and damage assessment 	<ul style="list-style-type: none"> • Coordinate arrangement of vehicles for transportation of relief supplies from helipads/airports to the designated places • Coordinate arrangement of vehicles for transportation of search and rescue related activities 	<ul style="list-style-type: none"> • Make available its fleet for the purpose of Search & Rescue, transportation of supplies, victims etc. • Act as stocking place for fuel for emergency operations • Making available any vehicle to the District Administration • Make available Ambulances to the

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						<p>District Administration</p> <ul style="list-style-type: none"> • Airport Authority will coordinate for helicopter services etc. required for transportation of injured, search & rescue team, relief and emergency supplies etc. with SEOC of KSDMA
7	Search and Rescue (SAR)	<ul style="list-style-type: none"> • FServices • Police • SDRF • Civil Defence • Home guards 	<ul style="list-style-type: none"> • NDRF • Air Force • Navy • Army • Central Para military forces • Red Cross • Trained Volunteers • Emergency Response Units of concerned industry • SEOC 	<ul style="list-style-type: none"> • Establish maintain and manage State search and rescue response system • Coordinate search and rescue logistics during field operations • Provide status reports of SAR updates throughout the affected areas 	<ul style="list-style-type: none"> • GIS to be used by SEOC to make an estimate of the damaged area and the deployment of the SAR team in the area according to the priority • Discharge all ambulatory patients for the first aid which has the least danger to health and others transported to safer areas 	<ul style="list-style-type: none"> • Health & Family Welfare Dept. and Red Cross to make available ambulances as per requirements • SDRF, and Volunteers to assist the primary agency in SAR • NDRF, Central Para military forces to provide assistance to civil authorities on demand • Police to arrange for the transportation and post mortem of the dead

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8	Public Works and Engineering	<ul style="list-style-type: none"> • PWD • Water Resources 	<ul style="list-style-type: none"> • CPWD • National Highways Authority of India • Military Engineering Services 	<ul style="list-style-type: none"> • Emergency clearing of debris to enable reconnaissance • Clearing of roads • Assemble casual labour • Provide a work team carrying emergency tool kits, depending on the nature of disaster, essential equipment such as <ul style="list-style-type: none"> ▪ Towing vehicles ▪ Earth moving equipment ▪ Cranes etc • Construct temporary roads • Keep national and other main highways clear from disaster effects such as debris etc. • Networking with private service providers for supply of earth moving equipment etc. 	<ul style="list-style-type: none"> • Establish a priority list of roads which will be opened first • Constructing major temporary shelters • Connecting locations of transit/relief camps • Adequate road signs should be installed to guide and assist the relief work • Clearing the roads connecting helipads and airports • Restoring the helipads and making them functional • Rope in the services of private services providers and secondary services if the department is unable to bear the load of the work 	Making machinery and manpower available to the PWD and to keep national highways and other facilities in functional State
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9	Relief supplies	District Administration	Dept. of Food and Civil supplies	<ul style="list-style-type: none"> • To collect, process and disseminate information about an actual or potential disaster situation to facilitate the overall activities of all responders in providing assistance to an affected area in consultation • Coordinate activities involved with the emergency provisions • Temporary shelters • Emergency mass feeding • To coordinate bulk distribution of emergency supplies • To provide logistical and resource support to local entities • In some instances, services also may be provided to disaster workers • To coordinate damage assessment and post disaster need assessment 	<ul style="list-style-type: none"> • Support to local administration • Allocate and specify type of requirements depending on need • Organize donation (material) for easy distribution before entering disaster site 	<ul style="list-style-type: none"> • To assist the primary agency in arranging and supplying relief supplies • To assist the primary agency in running the relief camps
10	Food and supplies	<ul style="list-style-type: none"> • Dept. of Food and Civil Supplies • Horticulture Corporation 	<ul style="list-style-type: none"> • Dept. of Cooperation • Non-Governmental Organizations 	<ul style="list-style-type: none"> • Requirement of food and clothing for affected population • Control the quality and quantity of food, clothing and basic medicines • Ensure the timely distribution of food and 	<ul style="list-style-type: none"> • Make emergency food and clothing supplies available to population • Ensure the provision of specific nutrients and 	Ensuring the distribution of food supplies to the affected population through the PDS network etc.

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				<p>clothing to the people</p> <ul style="list-style-type: none"> • Ensure that all food that is distributed is fit for human consumption 	<p>supplementary diet for the lactating, pregnant women and infants.</p>	
11	Drinking water	<ul style="list-style-type: none"> • Kerala Water Authority • District Administration 	<ul style="list-style-type: none"> • Local Self Governments (LSG) • Non-Governmental Organizations 	<ul style="list-style-type: none"> • Procurement of clean drinking water • Transportation of water with minimum wastage • Special care for women with infants and pregnant women • Ensure that sewer pipes and drainage are kept separate from drinking water facilities 	<ul style="list-style-type: none"> • Support LSGs • Water purification 	<p>To assist the primary agency wherever LSG is associated in the distribution of potable water</p>
12	Relief Camps & Grovel Centres	<p style="text-align: center;">District Administration</p>	<ul style="list-style-type: none"> • Dept. of General Education • Dept. of Higher Education • Local Self Governments 	<ul style="list-style-type: none"> • Provide adequate and appropriate shelter to affected population • Quick assessment and identifying the area for the establishment of the relief camps • Identification of public buildings as possible shelters • Identifying the population which can be provided with support in their own place and need not be shifted, relocated • Locate relief camps close to open traffic and transport links 	<ul style="list-style-type: none"> • Support to local administration • Locate adequate relief camps based on survey of affected population • Develop alternative arrangements for population living in structures that might be affected even after the disaster 	<ul style="list-style-type: none"> • The General Education and Higher Education Department shall assist the primary agency in establishing temporary shelters of larger dimensions particularly in schools and higher education institutions in unaffected areas immediately close to the affected area • LSGs would assist

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						<p>the primary agency in establishing shelters of smaller dimensions</p> <ul style="list-style-type: none"> • Provide temporary LPG cylinders and stoves for cooking
13	Media	Information and Public Relations Department	<ul style="list-style-type: none"> • All India Radio • Doordarshan • All private audio-visual media • All print media 	<ul style="list-style-type: none"> • To provide and collect reliable information on the status of the disaster and disaster victims for effective coordination of relief work at State level • Not to intrude on the privacy of individuals and families while collecting information • Acquire accurate scientific information from the SEOC regarding possible continuity of the disaster situation/early warning • Coordinate with SEOC at the airport and railways for required information for international and national relief workers • Coordinate with all TV and radio networks to send news flashes for specific needs & warnings • Respect the socio-cultural and emotional state of the disaster victims while 	<ul style="list-style-type: none"> • Use and place geographical Information to guide people towards relief operations • Use appropriate means of disseminating information to victims of affected area • Curb the spread of rumours • Disseminate instructions to all stakeholders 	<p>To assist the primary agency in discharge of its role.</p>

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				collecting information for dissemination		
14	Help lines	<ul style="list-style-type: none"> • SEOC • DEOC • Police Control Rooms 	<ul style="list-style-type: none"> • Department of Public relations • HAM Radio Operators 	<ul style="list-style-type: none"> • To receive distress calls from the affected people and coordinate with the control room • To facilitate the optimization of donations received in kind • Coordinate, collect, process, report and display essential elements of information and to facilitate support for planning efforts in response operations • Coordinate pre-planned and event- specific aerial reconnaissance operations to assess the overall disaster situation • Pre-positioning assessment teams headed by the State coordinating officer and deployment of other advance elements • Emergency clearing of debris to enable reconnaissance of the damaged areas and passage of emergency personnel and equipment for life saving property protection and health and safety 	<ul style="list-style-type: none"> • One of the most critical needs will be having a simplified way of identifying and tracking victims and providing assistance • Identify locations for setting up transit and relief camps, feeding centres and setting up of the help lines at the nodal points in the State and providing the people the information about the numbers 	To assist the primary agency in performing its job effectively and provide its manpower and resources for the purpose.

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15	Animal care	Department of Animal Husbandry	LSGs	<ul style="list-style-type: none"> • Treatment of animals • Provision of vaccination • Disposal of dead animals 	<ul style="list-style-type: none"> • To arrange for timely care and treatment of animals in distress • Removal dead animals to avoid outbreak of epidemics • Ensure adequate food and water to animals • Establish animal shelters 	To assist the primary agency in performing its role
16	Law and order	Police	Home Guards	<ul style="list-style-type: none"> • Having sound communication and security plan in place to coordinate law and order issues • Training to security personnel in handling disaster situations and issues related to them 	<ul style="list-style-type: none"> • To maintain law and order • To ensure that at least 500 m surrounding a calamity affected area is cleared off civilian unskilled onlookers • To take measure against looting and rioting • To ensure the safety and security of relief workers and material • To take specific measure for the 	To assist the primary agency by making available manpower

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					<p>protection of weaker and vulnerable sections of the society</p> <ul style="list-style-type: none"> • To provide safety and security at relief camps and temporary shelters 	
17	Removal of trees	<ul style="list-style-type: none"> • Forest • LSG • Fire & Rescue Services • PWD • National Highways Authority 	Indian Railways	<ul style="list-style-type: none"> • Removal of fallen trees 	<ul style="list-style-type: none"> • Arrange for timely removal of trees obstructing the movement of traffic • Arrange for timely removal of trees which have become dangerous 	Ensure that railway network is uninterrupted and fallen trees are removed immediately

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Form No. ESF-1

To be filled by all State Heads of Primary ESF Departments and submitted to Dept. of Revenue and Disaster Management in the period between March-May every year.

Government of Kerala
Department of _____

Subject: EMERGENCY SUPPORT FUNCTIONS (ESF) PLAN 2014

In compliance with the National Disaster Management Act, 2005, Section 40 (3), the following report is submitted to the State Executive Committee of KSDMA.

	Item	Available	Not Available
A	Human Resource		
B	Materials & machinery		
C	Financial Allocation		
D	Departmental Plan		

*Under Section 39 and 40 of the NDM Act, 2005, it is mandatory for all state government departments to ensure a set of disaster risk reduction/response plans including financial arrangements. Please tick the applicable.

A. Human Resource - Nodal Officers in districts

District	Name and Designation	Contact Details including Mobile No. & Email
Thiruvananthapuram		
Kollam		
Pathanamthitta		
Alappuzha		
Kottayam		
Idukki		
Ernakulam		
Thrissur		
Palakkad		
Malappuram		
Kozhikode		
Wayanad		
Kannur		
Kasargod		

The nodal officers shall identify local field officers for the field level quick response and ensure that the details of these officers are kept readily at hand.

B. Materials and Machinery

District	Materials	Quantity	Machinery	Type	Location including contact details
Thiruvananthapuram					
Kollam					
Pathanamthitta					
Alappuzha					
Kottayam					

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

Idukki			
Ernakulam			
Thrissur			
Palakkad			
Malappuram			
Kozhikode			
Wayanad			
Kannur			
Kasargod			

Materials: Sand bags, rock boulders, food grains, fuel, coal tar, cement, agriculture seed stock, fodder stock, Drinking water etc.; Machinery: Earthmovers, tractors, electric cutters, pumps, boats, water transport tanks, water tanker lorries, etc. Other items may be added to this depending on need.

Add contact details of the control officer or owner (in case of private machinery)

C. Financial Allocation

District	Amount (in lakhs)	Head of Account	Permissible use
Thiruvananthapuram			
Kollam			
Pathanamthitta			
Alappuzha			
Kottayam			
Idukki			
Ernakulam			
Thrissur			
Palakkad			
Malappuram			
Kozhikode			
Wayanad			
Kannur			
Kasargod			

- It is certified that the aforesaid resources (manpower, services, material and equipment) are considered adequate for accomplishing the Emergency Support Functions assigned to this department.
- It is certified that in addition to above resources this department has entered in to pre-contracts for supply of resources are given in the attached Form No. ESF-02
- This department has issued authorization vide Order No. _____ dated _____, as at Form No. ESF-03 in favour of the nodal officers and the designated officers to deploy the resources in the event of disasters and in accordance with the requests received from the SEOC/DEOC
- The Departmental Disaster Management Plan has been last updated on ----- (dd/mm/yy)

Authorized signatory

Name:

Designation:

Date:

Form No. ESF-2: Rate-contract fixation form

Government of Kerala

Dept. of _____

Sl. No.	Material/equipment/Services Description/specification	Qty. in Nos.	Qty. in Wt/Vol	Rate contract Location	Rate contract approved & validity period
1	Services				
2	Material				
3	Equipment				

To be filled by all District Heads of Primary ESF Departments and submitted to District Emergency Operations Centre in the period between March-May every year. Note that rate contract is mandatory for material & machinery. Materials: Sand bags, rock boulders, food grains, fuel, coal tar, cement, agriculture seed stock, fodder stock, drinking water (if not from Kerala Water Authority) etc.; Machinery: Earthmovers, tractors, electric cutters, pumps, boats, water transport tanks, water tanker lorries, etc. Other items may be added to this depending on local need.

Authorized signatory

Name:

Designation:

Date:

Form No. ESF-3

To be issued by all departments listed in ESF Plan, 2014

Subject: Deployment of resources in the event of disasters - authorization thereof as per the ESF Plan –2014

1. GO (Ms) 240/2010/DMD dtd 19/06/2010

The Department of Revenue and Disaster Management is the nodal department for coordinating relief and response in the event of both natural and manmade disasters, as per the State Disaster Management Policy, 2010 approved vide GO cited as 1st paper above.

In the event of a disaster, this department is required to provide emergency support to the Department of Revenue and Disaster Management in regard to the functions listed in the ESF Plan, 2014.

It has accordingly been decided, with the approval of the competent authority, to authorize the nodal officers and the designated officers in the field offices of this department to deploy resources in the events of disasters and in accordance with the requests received from the State Emergency Operations Centre or District Emergency Operations Centres under Department of Revenue and Disaster Management.

In case the resources are likely to be deployed for a period exceeding 72 hours, the officers concerned shall obtain necessary approvals of the competent authority for continued deployment. In such a situation necessary approvals may also be obtained for procurement and deployment of pre-contract resources, as the need may be.

Name & Designation of the officer

Copy to:

1. Principal Secretary, Revenue and Disaster Management, Govt. of Kerala
2. SEOC, ILDM, PTP Nagar, Thiruvananthapuram, Kerala
3. Nodal Officers
4. All District Collectors

ANNEXURE 27

FIRE & RESCUE

List of Fire Stations with contact number in Kozhikode District

Sl. No.	Name	Code	Number
1.	Kozhikode Beach	0495	2365333
2.	Kozhikode	0495	2321654 (Meenchanda)
3.	Vellimadukunnu	0495	2371003
4.	Vadakara	0496	2514600
5.	Perambra	0496	2610201
6.	Mukkom	0495	2297601
7.	Nadapuram	0496	2448000

DETAILS OF HUMAN RESOURCE IN FIRE AND RESCUE SERVICES DEPARTMENT

Sl.No	Name		FRS Meenchanda	FRS Kozhikode Beach	FRS Vellimadukunnu	FRS Mukkom	FRS Narikkuni	FRS Perambra	FRS Nadapuram	FRS Vadakara	Total
1	Asst. Divisional Officer	1	-	-	-	-	-	-	-	-	1
2	Station Officer		1	1	1	1	1	1	1	1	8
3	Asst. Station Officer		1	1	1	1	1	1	1	1	8
4	Leading Fireman		7	9	4	4	2	3	4	4	37

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5	Driver Mechanic		1	1	1	1	1	1	1	-	7
6	Fireman		15	16	4	10	7	17	11	14	104
7	Fireman Driver		12	10	7	7	3	7	7	9	62
8	Home Guard		10	10	10	11	9	7	5	7	69

DETAILS OF VEHICLES IN FIRE AND RESCUE SERVICES DEPARTMENT

Sl.No	Name of Vehicle	FRS Meenchanda	FRS Kozhikode Beach	FRS Vellimadukunnu	FRS Mukkom	FRS Narikkuni	FRS Perambra	FRS Nadapuram	FRS Vadakara	Total
1	Fire Engine	4	4	3	2	2	2	2	3	22
2	Recovery Vehicle	1	-	-	-	-	-	-	-	1
3	Earth moving vehicle	-	-	-	-	-	-	-	-	-

DETAILS OF OTHER EQUIPMENTS IN FIRE AND RESCUE SERVICES DEPARTMENT

Sl.No	Name of Equipments	FRS Meenchanda	FRS Kozhikode Beach	FRS Vellimadukunnu	FRS Mukkom	FRS Narikkuni	FRS Perambra	FRS Nadapuram	FRS Vadakara	Total
1	Generator	1	1	-	1	-	1	-	-	4
2	Float Pump	-	1	1	2	1	1	-	2	8
3	Portable Pump	2	1	-	1	-	1	1	-	6
4	Chain Saw	2	3	2	1	1	2	3	2	16
5	Hydraulic Motor	1	5	-	-	-	1	-	1	8
6	B.A Set	2	3	1	-	2	1	3	-	12
7	Aska Light	-	2	1	-	-	1	1	1	6
8	Orbit Light	-	-	-	1	-	-	-	-	1
9	Out Board Engine	1	-	-	1	-	-	-	-	2
10	Water Mist	-	1	-	-	-	-	-	-	1

DISTRICT DISASTER MANAGEMENT PLAN – KOZHIKODE 2015

11	Hydraulic Pump	-	-	-	-	-	-	1	-	1
12	SCUBA	1	-	-	-	-	-	-	2	3
13	Hydraulic Spreader	1	-	1	-	-	-	-	-	2
14	Rubber Dingy	-	1	-	-	-	-	-	-	1
15	Hydraulic Tackey	1	-	-	-	-	-	-	-	1
16	Hydraulic Cutter	1	-	-	-	-	-	-	-	1
17	Concrete Cutter	1	1	-	-	-	-	-	-	2
18	Inflatable Tent	1	-	-	-	-	-	-	-	1
19	Under Water Torch	1	-	-	-	-	-	-	-	1
20	Troffor	1	2	-	-	-	-	-	-	3
21	Oxy Acety line cutting set	1	-	--	-	-	-	-	-	1
22	Aluminum suit	-	1	-	-	-	-	-	-	1
23	Gas Suit	-	1	-	-	-	-	-	-	1
24	Deep lift foot ralve	1	-	-	-	-	-	-	-	1
25	Exhaust Blower	1	-	-	-	-	-	-	-	1
26	Life Detector	1	-	-	-	-	-	-	-	1
27	Pulling & Lifting Machine	3	-	-	-	-	-	-	-	3
28	Burn shield	1	-	-	-	-	-	-	-	1
29	Reflective Garments	10	-	-	-	-	-	-	-	10
30	Safety Belt & Harness	2	-	-	-	-	-	-	-	2
31	Folding structure	3	-	-	-	-	-	-	-	3
32	Floating structure	1	-	-	-	-	-	-	-	1
33	Swimming suit	1	-	1						



GOVERNMENT OF KERALA

Abstract

Disaster Management Department – District Disaster Management Authority (DDMA) plan of all Districts - Approved – Orders issued.

DISASTER MANAGEMENT (REVENUE-K) DEPARTMENT
G.O(Rt)No.3104/2016/DMD **Dated, Thiruvananthapuram, 30th July, 2016**

Read:- Kerala State Disaster Management Authority (KSDMA) meeting held on 05.10.2015.

ORDER

Government are pleased to approve the District Disaster Management Authority (DDMA) plan for all districts as detailed below.

District Disaster Management Authority (DDMA) plans			
Sl No	District	DDMA meeting held	Approved date and number
1	Thiruvananthapuram	06/06/15	H1-61143/13 dated 10/06/15
2	Kollam	13/07/15	N3/43962/2014 dated 08/09/15
3	Pathanamthitta	18/02/15	DM 5-31232/ 2014 dated 09/03/2015
4	Alappuzha	03/02/15	DMC4-36601/13 dated 27/02/15
5	Kottayam	17/04/15	H8-2015/15202/5 dated 06/04/15
6	Idukki	13/03/15	E6-38176/07 dated 28/03/2015
7	Ernakulam	15/05/15	D1-19839/11 dated 10/07/15
8	Thrissur	04/02/15	K1-4574413 dated 02/03/15
9	Palakkad	30/12/14	J5-2014/20799/9 dated 20/02/15
10	Malappuram	20/02/15	DM1-42817/2014 dated 13/05/15
11	Kozhikkode	20/04/15	F3/56353/2014 dated 20/04/15

12	Wayanad	21/02/15	H3-2014/21178/12 dated 25/02/15
13	Kannur	12/02/15	M1/39606/2014 dated 21/02/15
14	Kasargode	24/04/15	K1/61131/2010 (2) dated 28/04/15

(By Order of the Governor)
Praveen S.
Deputy Secretary to Government.

To

All Chairmen, DDMA (inter alia District Collectors)
Thiruvananthapuram / Kollam / Pathanamthitta / Alappuzha / Kottayam /
Idukki / Ernakulam / Thrissur / Palakkad / Malappuram/ Kozhikode/
Wayanad/ Kannur/Kasargode
The Commissioner of Land Revenue, Thiruvananthapuram
The Member Secretary, Kerala State Disaster Management Authority,
Revenue Complex, Public Office Building, Thiruvananthapuram.
The Head, State Emergency Operations Center, ILDM, PTP Nagar,
Thiruvananthapuram.
The Principal Accountant General (Audit) Kerala, Thiruvananthapuram
The Accountant General (A&E) Kerala, Thiruvananthapuram
Stock File/Office Copy

Copy to:-

PS to Minister (Revenue & ^{Housing} ~~Coir~~)
PS to Principal Secretary (Revenue & DM)
The Information Officer, Web & New Media, I&PRD

Forwarded/By Order,


Section Officer

