



STATE WIDE FIELD MOCK EXERCISE ON FLOODS AND LANDSLIDE RESPONSE

(29-12-2022, 09:00 AM to 04.00 PM)

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TABLE TOP EXERCISE ON FLOOD RESPONSE

27-12-2022, 10:00 AM to 02.00 PM

ORGANIZED BY

**NATIONAL DISASTER MANAGEMENT AUTHORITY
NEW DELHI**

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**KERALA STATE EMERGENCY OPERATIONS CENTRE
KERALA STATE DISASTER MANAGEMENT AUTHORITY
OBSERVATORY HILLS, VIKAS BHAVAN P.O
THIRUVANANTHAPURAM – 695033**

IN COLLABORATION WITH

**DISTRICT EMERGENCY OPERATION CENTERES
DISTRICT DISASTER MANAGEMENT AUTHORITIES
LOCAL SELF GOVERNMENTS**

INTRODUCTION

A state level Mock drill program was conducted in Kerala by Kerala State Disaster Management Authority under the guidance and observation of National Disaster Management Authority. The Table Top exercise was held on 27.12.2022 and the field mock test was held on 29.12.2022 in 70 Taluks of the 14 districts in Kerala. Kerala is a multi-hazard prone State. Some of the most disastrous natural hazards in the State are landslides and floods. Preparedness and capability of the State to quickly respond to such events are essential for ensuring a safe and secure social atmosphere. The State published Disaster Management Plans in Districts and State in 2016 that contains a static part and a dynamic part. The dynamic part of the plan deals with Standard Operating Procedures updated based on lessons learn, emergency contacts, minimum relief codes, norms of relief assistance and annually updated monsoon forecast, and are collectively called Orange Books. The State has implemented Incident Response System (IRS) upto Taluk Level and Incident Response Teams (IRTs) are formed in the LSGs.

The mock exercise was conducted on the basis of the direction by NDMA which included a Table Top Exercise (TTEx) and a Field Exercise (FEx). The TTEx which was conducted on 27.12.2022 was held at KSDMA office at Trivandrum and the DEOCs attended it online. The TTEx involved IRT members from the State, District and Taluk level. As a follow-up of the TTEx, the State conducted FEx. In addition to the IRT members the Local Governments, Kerala State Electricity Board, Irrigation Department, Civil Defense, Samoothika Sannadha Sena, Emergency Response Teams of Local Governments, Indian Army, Air force and National Disaster Response Force were also included in the Program.

The state level field exercise on 29.12.2022 also was monitored from KSDMA office at Trivandrum and Maj. Gen. Sudhir Bahl was the national observer from NDMA. The mock exercise in districts was coordinated by DEOCs and the observers from NDRF analyzed and reported the observations. A de- briefing of the FEx was held in the afternoon where all aspects of the whole practice was analyzed by Maj. Gen. Sudhir Bahl in which all participants of the FEx attended. Both sessions were effectively carried out and the analysis of coordination of different departments and the assessment of various elements necessary for effective response mechanism was successfully examined through the state wide mock drill program and it would contribute to the readiness of the state in facing the emergency situations.

OBJECTIVES OF TABLE TOP EXERCISE AND FIELD EXERCISE

The defined objectives of the TTEx and FEx are as follows:

1. Examine the readiness of Communication systems
2. Examine the promptness Response mechanisms
3. To analyze the Coordination among different departments
4. To examine the effectiveness of Resource Utilization

- COMMUNICATION SYSTEMS TESTED



DEOC Email



DEOC WhatsApp
Group of KSDMA



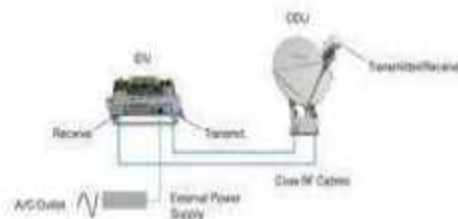
Hotlines from SEOC
to DEOCs



Satellite Phones of
DEOCs



Mobile Phones of
DEOCs



NDMS

1079 1070

1077

Toll Free

- RESPONSE MECHANISMS

The response from the following entities were tested during the FEx



Local Government
ERTs



• RESOURCE UTILIZATION

To examine if the State, District and Taluk EOCs are able to utilize the following available resources

1. Hazard Maps
2. Orange Book 2 – Monsoon preparedness
3. Infrastructure inventory
4. India Disaster Resource Network
5. National Database for Emergency Management
6. Orange Book 1 - Emergency Support Functions Plan

INCIDENT RESPONSE TEAMS – STATE, DISTRICT & TALUK LEVELS

State Level Incident Response Team		
Sl. No	IRS Designation	Officer
1	Responsible Officer (RO)	Chief Executive Officer of SDMA (Chief Secretary)
2	Incident Commander (IC)	State Relief Commissioner (Secretary, Disaster Management)
3	Alternate Incident Commander (AIC)	One of the members of the State Executive Committee
4	Deputy Incident Commander (DIC)	Commissioner, Disaster Management or Commissioner, Land Revenue
5	Operations Section Chief (OSC)	Assistant Commissioner of Police nominated by State Police Chief
6	Logistics Section Chief (LSC)	Regional Transport Officers nominated by Transport Commissioner
7	Planning Section Chief (PSC)	Motor Transport Officer nominated by Director General, Fire & Rescue Services
8	Liaison Officer (LO)	Member Secretary, KSDMA or Chief Manager, KSDMA
9	Safety Officer (SO)	Assistant Director/ Associate Professor or equivalent nominated by Health Department
10	Media Officer (MO)	Information Officer nominated by Director, I & PRD
11	Information Officer (IO)	Hazard and Risk Analyst, SEOC or Hazard Analyst
District Level Incident Response Team		
1	Responsible Officer (RO)	Chairperson, DDMA (District Collector)
2	Incident Commander (IC)	Chief Executive Officer, DDMA (Deputy Collector, DM/General)
3	Deputy Incident Commander (DIC)	Assistant Development Commissioner (General) or District Planning Officer
4	Operations Section Chief (OSC)	A Dy. SP nominated by District Police Chief
5	Logistics Section Chief (LSC)	Regional Transport Officer nominated by RO
6	Planning Section Chief (PSC)	Assistant Divisional Fire Officer nominated by District Fire Officer

7	Safety Officer (SO)	A Medical Officer nominated by District Medical Officer
8	Media Officer (MO)	Information Officer (I & PRD) nominated by District Information Officer
9	Liaison Officer (LO)	Junior Superintendent, Natural Calamity
10	Information Officer (IO)	Hazard Analyst, DEOC
Taluk Level Incident Response Team		
1	Responsible Officer (RO)	Deputy Collector or equivalent nominated by Chairperson, DDMA
2	Incident Commander (IC)	Tahasildar of the Taluk
3	Deputy Incident Commander (DIC)	Block Development Officer nominated by Assistant Development Commissioner
4	Operations Section Chief (OSC)	A Circle Inspector of Police nominated by District Police Chief
5	Logistics Section Chief (LSC)	Motor Vehicles Inspector nominated by Regional Transport Officer
6	Planning Section Chief (PSC)	Station Officer, Fire and Rescue Services nominated by District Fire Officer
7	Safety Officer (SO)	A Medical Officer nominated by District Medical Officer
8	Media Officer (MO)	Information Officer nominated by District Information Officer (I & PRD)
9	Liaison Officer (LO)	A suitable Village Officer equivalent from the Taluk Office nominated by Tahasildar
10	Information Officer (IO)	A suitable Village Officer equivalent from the Taluk Office nominated by Tahasildar

TABLE TOP EXERCISE

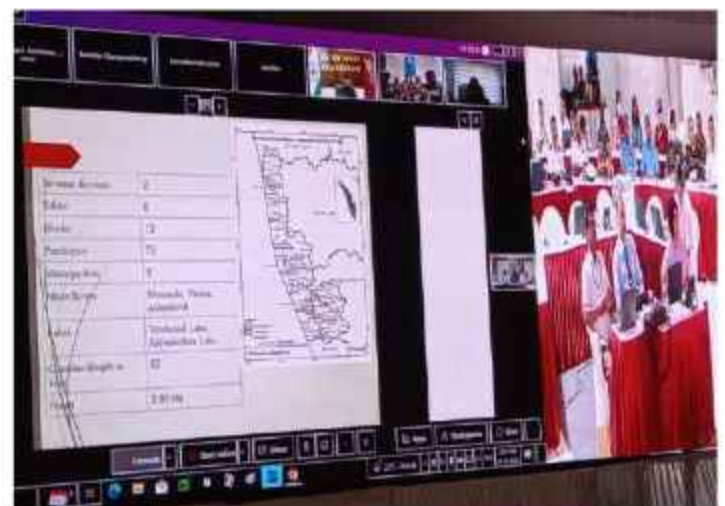
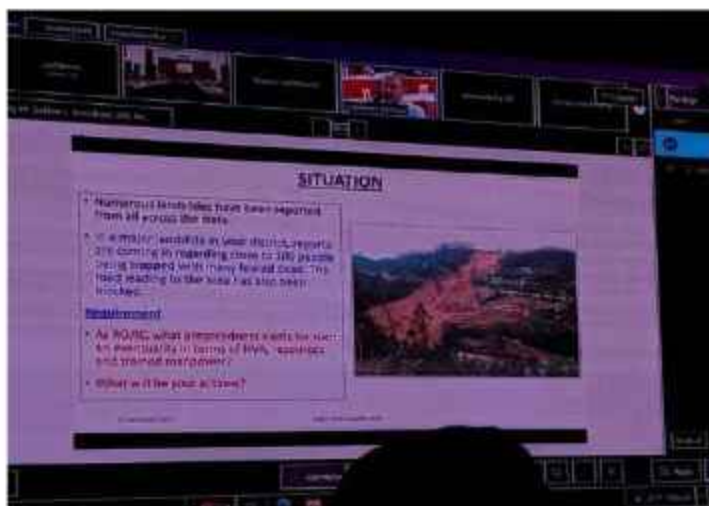
The TTEEx was held on 27.12.2022 and was led by Maj. Gen. Sudhir Bahl (senior Consultant, NDMA). The TTEEx session was inaugurated by Sri. V. Venu IAS (Additional Chief Secretary, Home). Lt. Gen (Retd) Syed Ata Hasnain (Member, NDMA) joined the inaugural session virtually and spoke about the importance of Mock Drills for preparedness. Dr. Asha Thomas IAS (ACS, Health) also spoke on the occasion. Ms. Anupama IAS (Commissioner, DM) functioned as the incident commander of the exercise. The TTEEx was conducted under the supervision of Maj. Gen. Sudhir Bahl (senior Consultant, NDMA).

Representatives of Irrigation, CWC, Animal Husbandary KSEB, I& PRD, KSEB, Health, Police, Fire & Rescue, NDRF, Air Force, Railway, IRT members of all 14 DDMA's and IRT members of all 78 Taluks attended. Presentations were done by KSEOC, Alappuzha District, Department of Health and Department of Animal Husbandary. After these presentations, in total 14 scenarios regarding roles and responsibilities of various IRT members were simulated. Responses were sought from IRT members of Taluks, Districts and States and response time and answers were evaluated. A

debriefing was also conducted in State EOC after the TTEx and Maj. Gen. Sudhir Bahl presented his observations and suggestions and said the importance of incorporating modern technology in the actual situations of emergency.

The following points were suggested by him as points to ponder:

- Use of modern technology in real time situations
- Development of norms and enforcement
- Assessment of environmental impact for new projects in the state to be made mandatory
- Investment in flood mitigation measures, early warning and education
- Ensuring adequate primacy to Disaster Management



FIELD EXERCISE

The field exercise was held on 29.12.2022. 70 locations were selected by the DDMA's according to the flood and landslide susceptibility.

• Scenarios for Field Exercise

The scenarios used were different in different districts depending on its floods or landslide vulnerability. Industrial accident/Oil spill also was used as scenario in Thrissur & Kollam districts. The respective DDMA's were directed to identify 5 locations in different taluks to conduct the mock drill, based on the Flood and Landslide Susceptibility Maps. The scenarios were as follows:

The districts namely Thiruvananthapuram, Kollam, Pathanamthitta, Alappuzha, Ernakulam, Thrissur, Malappuram, Kozhikode, Kannur, Kasargode were given the scenario of heavy rain and flood and the districts Kottayam, Idukki, Palakkadu and Wayandu were given the scenario of heavy rain and land slide.

• Locations of Field Exercise

SL.No	Place Name for Mock Exercise	Panchayath	Taluk	Latitude	Longitude	Name of Building for Incident Command Post	Name of Building for Medical Aid Post	Site selected for air drop/ roof top rescue
1	Devunanda Auditorium, Udiyankulangara	Chenkal	Neyyattinkara	8.379976	77.119477		FHC Chenkal	Chenkal Grama Panchayat, Udiyankulangara, Amaravila P.O
2	Christian College, Kattakada	Poovachal	Kattakkada	8.508138927	77.08561061		FHC Vilavoor	
3	Changal L P S	Vellanad	Nedumangad	8.58781	77.06151		CHC Vellanad	NA
4	Kadakkavoor Panchayath	Kadakkavoor	Chirayinkeezhu	8.68325	76.77079		FHC Keezhattinagal	
5	Thumba Beach	Kadinamkulam	Thiruvananthapuram	8.55909	76.84929		CHC Puthenthope	Kadinamkulam Grama Panchayath Office

6	Village/ locality for SAR & Relief Operation	Kollam corporatio n	Kollam	8.859272 27	76.61 41437	Greeshm a Auditori um	Greeshma Auditoriu m	
7	Village/ locality for Prophylactic Evacuation	Kunnathur	Kunnathur	9.061490 4212934 81	76.67 52306 6	Village Office Nediyavi la	VGSSA HSS Nediyavila	
8	Site for specified rescue including Landslide	Thenmala	Punalur, Pathanapura m	8.969203	77.06 8952	GOVT LPS THENM ALA	GOVT LPS THENMA LA	
9	Hospital	kottarakar a municipali ty	Kottarakkara	9.00465	76.77 573	TALUK OFFICE KOTTA RAKAR A	GOVT BHSS KOTTAR AKARA	
10	School/ Industrial Hazard Bridge	Panmana	Karunagappa lly	9.0005.0	76.77 573	KMML Premise	Indoor Stadium	
11	Pamba Triveni	Perunad	Ranni	9°24'56" N	77°04' 02"E	Pamba Police Station	Pamba KSRTC Bus Stand	
12	Sreekrishnapu ram (Chittar Thottam)	Chittar	Konni	9°19'57" N	76°56' 09"E	Chittar Thottam LPS	Chittar Thottam LPS	
13	Murippara	Chenneerk kara	Kozhencherr y	9°13'58" N	76°43' 50"E	GHSS, Thumpa mon North	Manjanikk ara PHC	
14	Ambattubhag om	Kallooppa ra	Mallappally	9°24'22" N	76°39' 12"E	BAM CollegeT huruthik kad	BAM College, Thuruthik kad	
15	Pulikeezhu	Nedumpra m	Thiruvalla	9°21'42" N	76°32' 32"E	GHS Nedumpr am	GHS Nedumpra m	
16	Finishing point,Punnam ada	Alappuzha Municipalit y	Ambalappuz ha	9.5040° N	76.35 36° E	Taluk Office, Ambalap puzha	SDV Boys (Ground floor)	
17	Thanky Area	Kadakkara pally	Cherthala	9.707588 1	76.29 71771	Thaluk office ,Cherthal a	Thankey HS. Building(S T Gerge HS)	

18	Varamboor & Pulakkadavu, Venmony	Venmony	Chengannur	9° 14' 49.686"	76° 37' 0.94188"	Taluk office, Chengannur	MTHS (School) Building(class room)	
19	Ayaparambu	Cheruthana	Karthikappally	9.305344999	76.44650333	Taluk office, Karthikappally	Govt. Higher Secondary School, Ayaparambu	
20	Keechery Kadavu	Chettikulanagara	Mavelikkara	9.155621436	76.30408144	Taluk office, Mavelikkara	Western Building of Gov. UPS Anjilippara	
21	JJ Murphay Memorial School, Yendayar, Koottickal	Koottickal	Kanjirappally	9.61766	76.88782	JJ Murphay Memorial School, Yendayar, Koottickal	JJ Murphay Memorial School, Yendayar, Koottickal	
22	Govt. U School, Thiruvappu	Thiruvappu	Kottayam	9.57924	76.49903	Taluk Office Kottayam	Govt. U School, Thiruvappu	
23	St.Mary HSS Vallaokm	Udayanapuram	Vaikom	9.76713	76.41458	St.Mary HSS Vallaokm	St.Mary HSS Vallaokm	
24	Pala Town	Pala Municipality	Meenachil	9.711092	76.682742	Fitness International Gym, Pala	Fitness International Gym, Pala	
25	Paral, Vazhappally West Village	Vazhappally	Changanacherry	9.44773	76.52117	Vivekananda School, Paral	Govt. Model HSS Changanacherry	
26	Maliekkal colony, Kudayathoor	Kudayathoor	Thodupuzha	9° 48' 55.46"	76° 47' 51.65"	Panchayath Office, Kudayath	Panchayath Community Hall,	Louise Braily Memorial Model

						hoor	Kudayathoor	School For Blind, Kudayathoor
27	Nedumkandam	Nedumkandam	Udumbanchola	9.8327	77.15955	Taluk Office, udumbanchola		Taluk Office, Udumbanchola
28	New Colony, Munnar	Munnar	Devikulam	10.088044	77.072073	Munnar Engineering College.	Munnar Engineering College.	Munnar Engineering College.(Ground)
29	Chottupara, Kunily	Kumily	Peerunade	9.8111526	77.2146298	Village Office, Periyar	St. Joseph HS, Periyar.	Vandiperiyar Sathram
30	Municipal Ground, Kattappana	Kattapana Municipality	Idukki Taluk	9.752097673	77.11729685	Conference Hall, Kattappana Municipality	Near Municipal Enquiry Office	Municipal Ground, Kattappana
31	Aluva Thuruthu	Chengamanad	Aluva	10°07'17" N	76°22'19" E	Christhava Mahilalayam Public School, Keezhmadu	Christhava Mahilalayam Public School, Keezhmadu	Abdul Salam S/o Kunjumammed, Kuzhilakathoottu, Thuruth
32	Southern Minerals & Chemicals	Kodungalloor (Southern Minerals & Chemicals)	Paravur	10°04'38.3" N	76°18'32.0" E	Govt Higher Secondary School Muppathadam	Govt Higher Secondary School Muppathadam	
33	Elahiya colony	Muvattupuzha	Muvattupuzha	9.9958	76.58299	Muvattupuzha Town hall	Municipal Town Hall	
34	Thuthiyoor (Kariyil Colony)	Thrikakkarra	Kanayannur	9.982977	76.342981	St. Mary's LPS Thuthiyoor	St. Mary's LPS Thuthiyoor	

35	Chelamattom Temple Kadavu	Okkal	Kunnathunad	10.13695 N 108°13.9 7406"	76.45 42 E 7627' 15.12 346"	Chelamattom Temple Hall	Chelamattom Temple Hall	
36	Chullipalam	Padiyur	Mukundapuram	10.29302 219	76.17 42127 5	Taluk office mukundapuram	Community Health Centre Padiyur	
37	Pallikkulam	Thrissur Corporation	Thrissur	10.52161 7	76.22 2248	Pallikkulam	Caldean centre	
38	Canoli canal near Municipal ground chavakkad	Chavakkad municipality	Chavakkad	10.57858 7	76.02 2099	Taluk office chavakkad	Mini Civil station ,chavakkad	
39	Arattukadavu	Chalaky Municipality	Chalaky	10.31316 407	76.35 03071	Taluk Office Chalaky	Taluk Office Chalaky	
40	Chattukulam	Kunnamkulam Municipality	Kunnamkulam	10.6254 N	76.05 06 E	Taluk Office Kunnamkulam	Holy cross Community Hall	
41	Mayappara	Malampuzha	Palakkad	10.86532	76.68 0594	Holy Family School, Akamala varam	Holy Family School, Akamalavaram	
42	Cherumkadu	Nemmara	Chittur	10.70247 6	76.74 7537	VALPS, Aluvasserry	VALPS, Aluvasserry	
43	Kattusery Veezhumala	Alathur	Alathur	10.62923	76.53 847	GLPS Kattusery	GLPS Kattusery	
44	Vellathode	Kanjirappuzha	Mannarkkad	11.00695 7	76.54 7893	Govt. UP School, Pulikkal, Kanjirappuzha	Govt. UP School, Pulikkal, Kanjirappuzha	
45	Melur Keezhpadam Colony	Ambalappara	Ottappalam	10.82516 9	76.38 6791	ALP School Meloor	ALP School Meloor	
46	Vakkaloor	Kavanur	Ernad	11°13'86 088" N	76°4' 10.35 6" E	Library Vakkaloor	Old Building AMLP	

							School Vakkaloor	
47	Karma Road Ponnani	Ponnani Municipality	Ponnani	10°47'11.23" N	75°55'48.82" E	Harbour Building	Anganwadi (Play School) Karma road	
48	Thonikkadavu	Mampad	Nilambur	11.244470	76.176324	Village Office Pullippadam	Residence of Mr. Fawas, Nazrin house Mampad	
49	Elamaram Kadavu (Vazhakkad village)	Vazhakka d	Kondotty	11.2601	75.9655	Jalaliya Higher Secondary School, Vazhakkad	Jalaliya Higher Secondary School, Vazhakka d	
50	Pulamanthole high school Kadavu	Pulamanthole	Perinthalamanna	10.91110925	76.1903418	GHSS Pulamant hole	GHSS Pulamanthole	
51	Olavanna	Olavanna Panchayat h	Kozhikode	11.211071	75.822233	Panchayath office Hall	Library Building (Ground Floor)	
52	Koduvally	Koduvally Municipality	Thamarassery	11.339159	75.925405	Taluk office, Thamarassery	GMLPS Thalapperumanna	
53	Kavumvattam, Arikkulam	Arikkulam Panchayat h	Koyilandy	11.469997	75.727646	AMUPS, Kavumvattam (Office Building)	Middle Block, AMUPS, Kavumvattam	
54	Manakkad, Mavoor	Mavoor Panchayat h	Kozhikode	11.263066	75.920654	GUPS Manakkad, Office Building	GUPS Manakkad, Office Building (Block-2)	
55	Thiruvallur	Thiruvallur Panchayat h	Vatakara	11.57913	75.68349	Village Office, Thiruvallur	Soumyatha memorial School, Chaniyam	

							kadavu	
56	Nellara Town Thomattuchal Village	Ambalavayal	Sulthan Bathery	11.59766 N 11°35'51.58496	76.18354 E 76°11'0.73928"	Nellara Town Stall	Nellara Town Stall	
57	Thacharakolly	Thirunelly	Mananthavady	11.848686	76.014931	Temporory shed near to Thacharakolly	Temporory shed near to Thacharakolly Pilakkavu Road	
58	Akolikkunnu	Thirunelly	Mananthavady	11.9143355	76.019863	Building of Mariya Winter garden Plantaions	Building of Mariya Winter garden Plantaions	
59	Silver Mist Lane, Lakkidi, Mandamala	Vythiri	Vythiri	11.5159908	76.0183807	Sub Centre, Lakkidi	Temporary Shed at Lakkidi	
60	Rattakkolly Kalpetta	Kalpetta	Vythiri	11.5999235	76.0974127	Forest Building Rattakoll i	Temporary Shed at Lakkidi	
61	Thottippalam, Peratta	Ulikkal	Iritty	12.07264	75.71472	Taluk Office, Iritty	Peratta, Thottippalam	
62	Pulloopi Kadavu	Chirakkal	Kannur	11.919496	75.397102	Taluk Office, Kannur	PHC Puzhathi	
63	Perumba Velluva Colony	Kunhiman galam	Payyannur	12.1062763	75.2211554	Taluk Office Payyanur	Peevees Buisness Links, Velluva Colony Road	

64	Eranholi River Side, Near Eranholi Bridge	Eranholi	Thalassery	11.76454	75.50 673	Taluk Office Thalassery	Eranholi West U P School	
65	Sreekandapuram Nivil Hospital and Surrounding Area	Sreekandapuram Municipality	Thaliparamba	12.043678	75.50 9273	Sreekandapuram Municipality Office	St Thomas Asramam	
66	Palayi	Nileshwar Municipality	Hosdurg	12.26175	75.16 666	Taluk office Hosdurg	Chathamath School	
67	Parangimavint h uruth	Chemmanad	kasaragod	12.5064875	75.02 07723	taluk office kasaragod	NA Modal HSS Naimarmola	
68	Thejaswini river Kayyur	Kayyur Cheemeni	Hosdurg	12.27293	75.18 477	Taluk office Hosdurg	GHSS Kayyur	
69	Manjeshwaram River	Manjeshwaram	Manjeshwaram	12.712049	74.89 1872	Villgae Office, Hosabettu	GWLPS, Manjeshwaram	
70	Chandragiri River	Kallar	Vellarikudnu	12.434969	75.22 4717	Taluk office Vellarikundu	CHC Poodamkallu	

EARLY WARNING – AGENCIES, LIMITATIONS AND ALERT LEVELS

Floods

- Nodal agency: Central Water Commission
- Minimal flood forecasting stations. Rapid response of rivers makes forecasting less useful

- Basin wise or sub-basin wise alerts for the 44 rivers is not available presently
- 38 river water level observation stations with hourly trend indication – Limitation: Rapid response of rivers
- Dam water levels monitored by KSEB and Water Resources Department. Levels published in public domain every day by KSDMA
- Orange and Red alerts default indicate possibilities of flooding
- Continuous Yellow levels of rainfall (actual measured) followed by an orange or red alert may also be considered as potential flood alert

Landslides

- Nodal agency: Geological Survey of India
- No proven system
- Simplest method is to use rainfall thresholds
- Rainfall measurements not dense enough for local predictions
- General forecast from IMD and actual measurements of previous day from IMD may be used as a cue
- Mobile Application called Kerala Rain has near real-time (about 15 min to 1 hr delay) data streamed from about 100 Automated Weather Stations
- Districts such as Wayanad and Pathanamthitta effectively using local rain information from plantations and citizen science enthusiasts

Ongoing efforts for improvement

Floods

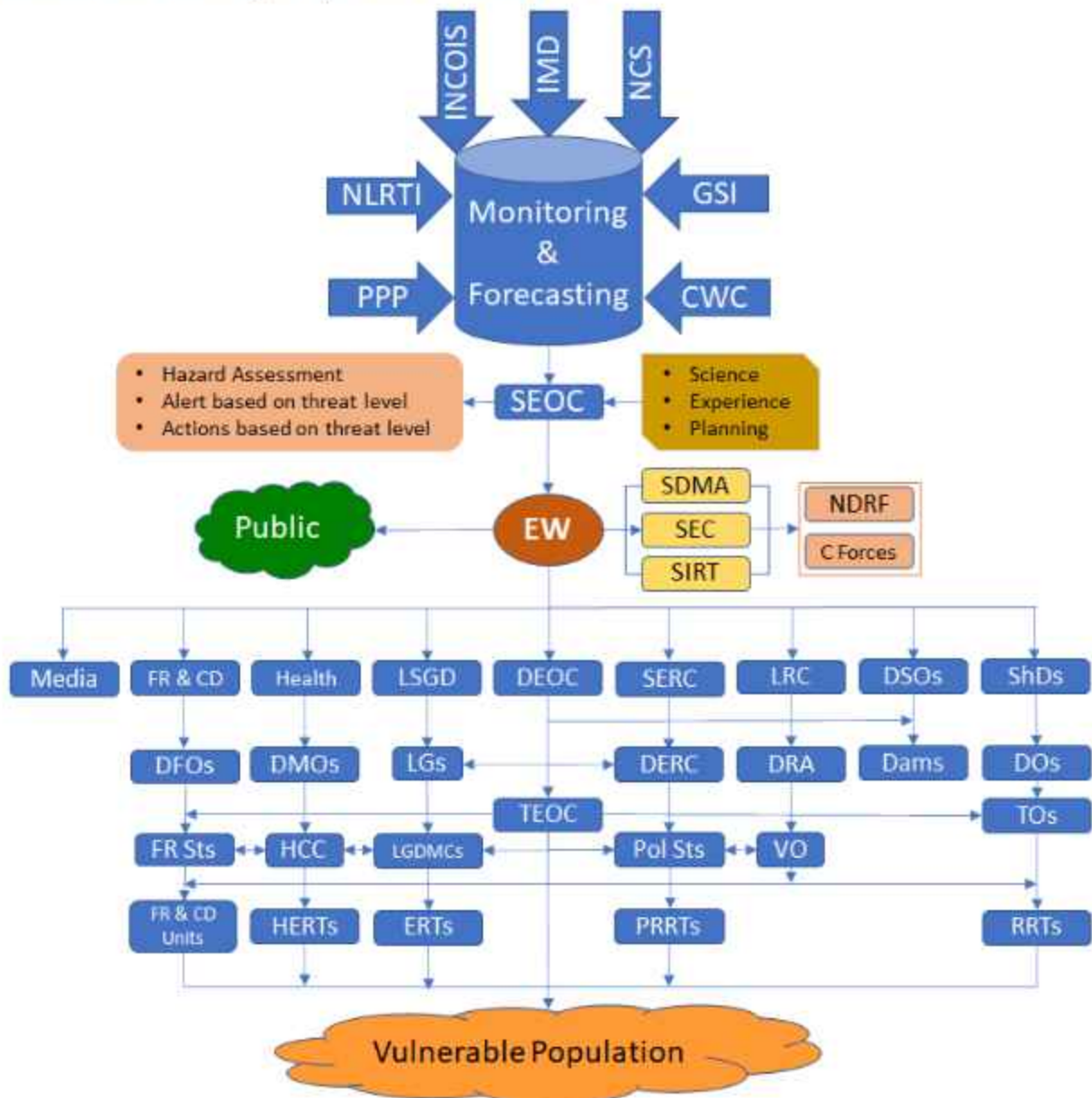
- A Flood Early Warning System under development in Water Resources Department for Periyar & Pamba
- KSDMA attempting to acquire global surface runoff forecast from international forecasters until FEWS is available for all rivers
- KSDMA will financially & technically support Citizen Science Initiatives of monitoring rainfall, floods and landslides based on specific and high-quality proposals
- Flood return probability maps for Local Governments prepared by UNEP & CIMA in collaboration with KSDMA published
- Flood return probabilities in light of Climate Change scenarios are also prepared to empower Local Government Risk Informed planning

Landslides

- Projects of GSI, Amrita University, Kerala University, KDISC (Private entities) ongoing
 - Research on localized rainfall thresholds ongoing at Kerala University and GSI
-

- GSI's latest landslide hazard zone map is published in Bhuvan Portal

Protocol for Emergency Information Flow



- **INCOIS:** Indian National Ocean Information Services
- **IMD:** India Meteorological Department
- **NCS:** National Centre for Seismology
- **GSI:** Geological Survey of India
- **CWC:** Central Water Commission
- **PPP:** Public Private Partnership in monitoring and forecasting
- **NLRIT:** National-level Research and Training Institutes
- **SEOC:** State Emergency Operations Centre
- **EW:** Early Warning
- **SDMA:** State Disaster Management Authority
- **SEC:** State Executive Committee
- **SIRT:** State Incident Response Team
- **NDRF:** National Disaster Response Force
- **C Forces:** Central Forces (Army, Navy, Air Force, Coast Guard, BSF, ITBP, CRPF)
- **FR & CD:** Fire & Rescue and Civil Defence
- **LSGD:** Local Self Government Department
- **DEOC:** District Emergency Operations Centre
- **SERC:** State Emergency Response Centre (Police)
- **LRC:** Land Revenue Commissionerate
- **DSOs:** Dam Safety Organizations
- **ShDs:** Stakeholder Departments
- **DFOs:** District Fire Officers
- **Fr Sts:** Fire Stations
- **DMOs:** District Medical Officers
- **HCC:** Health Care Centres (Hospitals, PHC/CHC)
- **HERT:** Health Emergency Response Teams
- **LGs:** Local Governments
- **LGDMCs:** Local Government Disaster Management Committees
- **ERTs:** Emergency Response Teams
- **TEOC:** Taluk Emergency Operations Centre
- **DERC:** District Emergency Response Centre
- **Pol Sts:** Police Stations
- **PRRTs:** Police Rapid Response Teams
- **DRA:** District Revenue Administration
- **VO:** Village Officer
- **DOs:** District Officers of Stakeholder Departments
- **TOs:** Taluk Officers of Stakeholder Departments
- **RRTs:** Rapid Response Teams of Stakeholder Departments

ACTIVATION OF SOP AND EMERGENCY SUPPORT FUNCTIONS

- The mock exercise began at 09.00 am and continued till 2.30 pm
- The Deputy Incident Commander posted for the operations was the Commissioner, Disaster Management
- The external observer of the entire exercise was Maj. Gen. Sudhir Bahl

Functions of SEOC

- A red alert was received from the IMD representative in SEOC regarding rainfall
- Considering the fact that the alert is after two days of continuous rainfall in the State, there is a probability of flooding and landslides
- Flood and landslide in all districts are by default L2 events
- The Head, SEOC decided to activate the State EOC for which the State Relief Commissioner was intimated
- The State Relief Commissioner reached SEOC and one Deputy Incident Commander was assigned as desired by the SRC
- The SOP as given in the Orange Book 1 was activated by SEOC

- The SDMA members, SEC members and SIRT were informed
- The State EOC monitored, directed DEOCs and all Central Forces
- The SRC took control of the situation and activated his General Staff (SEOC) to gather necessary data and draw up an Incident Action Plan
- Impact maps were prepared and communicated to the DEOCs
- The Head, SEOC briefed the situation and sought directions as and when inputs were received from the districts
- Situational awareness was maintained regarding weather, river water flows, dam water levels, evacuation, etc.
- One representative of Police, Irrigation, KSEB, Revenue, Health Department and Transport reached SEOC and reported to Head, SEOC immediately on receiving the warning from SEOC
- Checked the critical contact numbers
- Checked the mobile phones of DEOCs (any disconnected)
- Checked the emails sent to DEOCs (any bouncing)
- Checked the hotlines
- Checked the Satellite phone of the SEOC
- Coordinated supply chain for essential response and relief
- Checked the Geodatabase and produce hazard maps with helipads overlaid, of the districts
- Coordinated with F & R, CD, Revenue, LSGD, Police, Transport, Civil Defense & Health
- Monitored and updated the SIRT with updates of S & R and Camps every 15 minutes regarding various districts
- Monitored the functioning of DEOCs
- Monitored and advised SRC on any requirement of deployment of NDRF or C Forces in consultation with the Districts

Functions of Heads of Departments

- On receiving the warning and allied instructions from State Emergency Operations Centre, the HoDs immediately instructed one Grade 1 officer to State EOC to report to Head, SEOC
 - The deputed officer reported to SEOC with the Annexure II: Form No. ESF-1 and Annexure III: Form No. ESF-2: Rate-contract fixation form, of the Orange Book 1 duly filled and certified.
 - The state level officers of the above departments were directed to function as per the ESFP and SOP and as directed by State Emergency Operations Centre
 - They were also asked to refer to the Orange Book 1 and Orange Book 2
-

Functions of Departmental Control Rooms

- The SERC (112) acknowledged the message from SEOC
- The Departmental Control Rooms/Nodal Officers of Revenue, LSGD, Fire & Rescue Services and Health acknowledged the mock drill messages from SEOC
- Monitored the operations of Taluk EOCs
- Monitored the status of fatality, injury, camp operations and building damages and compiled a report on the activities taken by the department and reported to SEOC
- Recorded all outgoing and incoming messages and communicated with SEOC for updated instructions

Functions of DEOCs

- Advertised the mock drill in the selected Local Government area on 15-3-2022
- Issued press release to all media in the district about the mock drill
- Intimated all departments & institutions in the district about the mock drill
- Intimated all DDMA members about the mock drill
- On receiving the Orange Alert
 - The District Incident Commander (DIC) [Deputy Collector DM/ADM] reached the DEOC to take total control of the situation
 - The DEOC was activated and the Taluk IRTs were directed to activate Taluk EOC of the chosen panchayath
 - The DIC informed the District RO and took instructions from RO as per need
 - All members of DIRT (District Incident Response System; page 76 of Orange Book 2) were directed to reach the DEOC and a Crisis Management Committee meeting was convened to evaluate the threatening disaster situation
 - Officers of Irrigation and KSEB reported to DEOC as per the Orange Book 2
 - DEOC accessed the hazard proneness map of the selected Panchayath
 - All instructions as received from SEOC were transmitted to the participating departments in the mock drill (Police, Fire & Rescue Services, Revenue, LSGD, Health Department, Transport, Irrigation, KSEB and Civil Defense)
 - An incident action plan was drawn
 - 25% beds of the hospitals (public and private) in the affected Taluk was immediately reserved for the injured from the event & this information was passed to the on-site health emergency response team (HERT)
 - Managed the district relief supply centre
 - Checked the critical contact numbers
 - Checked the mobile phones of TEOCs
 - Checked the emails sent from SEOC
 - Checked the hotline calls from SEOC

- Checked the Satellite phone of the district
- Coordinated with F & R, CD, Revenue, LSGD, Police, Transport, Civil Defense & Health
- Monitored and updated the SIRT and DIRT with updates of S & R and Camps
- Monitored the functioning of TEOC
- Monitored and advised District RO on any requirement of deployment of NDRF or C Forces in consultation with the onsite incident commander

Functions of TEOCs

- The Tahsildar started the operations of a Taluk EOC (TEOC)
- The TEOC activated the TIRT (Taluk Incident Response Team; page 77 of Orange Book 2)
- Taluk EOC monitored the
 - loss of life
 - organize food and provisions for operating camps from Food & Civil Supplies and other Governmental Sources
 - Managed the Taluk Relief Supply Centre
- Ensured passing of information to Fire Station, Health Care Centre(s), LSGDM Committee (President & Secretary), Police Station and Village Officer
- Ensured that FR & CD Units, HERT, ERTs, PRRTs, RRTs reached the site and report to the DEOC
- Checked the critical contact numbers
- Checked the emails sent from DEOC
- Coordinated with F & R, CD, Revenue, LSGD, Police, Transport, Civil Defense & Health
- Monitored and updated the DIRT & TIRT with updates of S & R and Camps
- Monitored the functioning of Onsite Command Post
- Monitored and advised Taluk IRT on any requirement of deployment of NDRF or C Forces in consultation with the onsite incident commander

Functions of Local Governments

The LSG DM Committee met and did the needful for the following:

- Deployed the LSG Emergency Response Teams
- Assigned one member of the LSG DM Committee to be onsite
- Facilitated the onsite responding units with necessary equipment, refreshment to the responding agencies, facilitated local equipment, control of local public and carried out evacuation of vulnerable population using LSG ERTs, Civil Defense and Police
- Started camp in suitable locations in consultation with the Village Officers and ensured adequate facilities such as water, lighting, toilets, safety etc.
- Conducted damage assessment of houses in consultation Revenue and infrastructure losses in consultation with LSG Engineering Department and PWD and reported to the TEOC collaboratively with the LSG

- Ensured free and fair supply of relief

Functions of Revenue

The Village Officer, on direction from the Taluk EOC:

- Proceeded to the site where evacuation was carried out
- In collaboration with the LSG facilitated the onsite responding units with necessary equipment, vehicles and refreshment to the responding agencies
- Started camp in a suitable site in consultation with the Panchayath Secretary and ensured adequate facilities such as water, lighting, toilets, safety etc.
- Conducted damage assessment of houses in consultation LSG and infrastructure losses in consultation with LSG Engineering Department and PWD and reported to the TEOC collaboratively with LSG
- Quantified fatality and injuries and facilitated treatment in the identified hospital
- Facilitated seamless supply chain of relief materials to camps and sites in collaboration with Transport department

Onsite deployment

- The senior most uniformed officer on site was the Onsite Incident Commander
- An incident action plan was drawn in consultation with the responding agencies
- The deployment on site was limited to Police, Fire & Rescue Services, Revenue, LSGD, Civil Defense and Health
- The Onsite Incident Commander reported frequently to the TEOC and updated TEOC regarding the actions taken

Functions of Local Police on site

- On receiving the evacuation direction from DEOC, the local police immediately reached the site and regulated one-way traffic to & from the site through two separate access roads identified
- Police ensured that vehicles of Revenue, Health, Fire & Rescue and Civil Defense reached the sites through the selected onward route to the site of mock drill without hindrance
- Facilitated Boat Operations
- Lead crowd management

Functions of Fire and Rescue onsite

- On receiving the evacuation alert from DEOC immediately did the needful to reach the selected site through the selected onward one-way for search and rescue operations
- The Fire Officer deployed reported to the on-site incident commander

- As flood waters have started rising, evacuation from a water body was simulated in districts where flood was the scenario
- Field deployment of Civil Defense and Aapda Mitra was ensured

Functions of NDRF, Air Force, Army & Navy

- On receiving the request from SEOC immediately do needful to reach the site through for search and rescue operations

Functions of Health Department

- On receiving the evacuation alert from DEOC/TEOC, one emergency medical team immediately proceeded to the identified site through the selected onward one-way
- Selected camp was visited and preliminary screening for Covid19 may be carried out
- Hospitals and availability of beds were ascertained from the DEOC/TEOC and cases based on medical priority may be sent to the hospitals with the desired treatment facility
- The onsite HERT Medical Officer concerned reported to the on-site incident commander

Functions of Information & Public Relations Department

- Information and Public Relations Department of the respective district did the needful for meticulous documentation of the mock drill
- An information officer immediately proceeded to the mock drill site
- He/she took statements about the emergency operations every 30 minutes from the on-site incident commander and reported to the media regarding field operations every 30 minutes

Functions of Transport Department

Transport Department facilitated necessary vehicles for:

- Evacuation from the site to the camps or safe locations identified by Taluk Incident Commander
- Facilitated onsite incident commander with on-road heavy equipment that's not readily available for ensuring evacuation from the site
- Facilitated onsite incident commander with on-road heavy equipment for any S & R
- Facilitated large capacity passenger vehicles for evacuation
- Arranged ambulances if necessary and as demanded by on site incident commander
- Facilitated vehicles for relief supply pick up from warehouses to camp location
- Facilitated vehicles for pick up and drop of evacuated individuals from Boat landing sites
- Facilitated vehicles for pick up and drop of relief materials
- Facilitated the supply of drinking water to the camps from KWA sites

- Monitored the operations of these vehicles

Functions of Civil Defence

- Supported the Fire and Rescue Service in smoothly conducting any S & R
- Supported Police in crowd control
- Supported LSG ERTs in camp operations and evacuation
- Managed godowns and relief supply centres
- Supported the DEOC and/or TEOC in back-office work
- Facilitated Boat Operations

IMPORTANT POINTS GIVEN AS GUIDANCE NOTES TO DISTRICTS

- At an L2 Disaster Site, the senior most officer of the uniformed forces (central or state) will be the on-site incident commander
- The mock exercise should essentially include a minimum of 50 local participants from the site
- On-site incident commander will make all emergency decisions
- On-site incident commander shall have the delegated powers under Section 34 of the DM Act, 2005 in the respective area of operation
- The incident commander shall report to the DEOC/TEOC every 30 minutes and take orders from the DEOC/TEOC
- The DEOC shall in every 15 minutes, update the State EOC regarding the status of activities and take order from the SEOC
- The Head of SEOC shall authenticate all outgoing messages from SEOC
- The CEO of DDMA shall authenticate all outgoing messages from DEOC
- Ensure that all messages related to the Flood/Landslide Mock Drill on 16th March 2022 from SEOC/DEOC/TEOC or other control rooms goes in the following format "Test, test, test...Mock Drill 2022...MESSAGE CONTENT...Mock Drill Message End"
- On 15th March 2022 a familiarization meeting will be held from SEOC at 4.30 pm via Video Conference
- DIRT members and TIRT members can ask queries to SEOC to get clarity on the conduct of the mock exercise
- A Grade 1 officer from the District with experience and involvement in the management of 2018 and 2019 Kerala Floods may be appointed as independent observer in DEOC who shall fill the observer's notes and submit to SEOC
- A Grade 1 officer from the district with experience and involvement in the management of 2018 and 2019 Kerala Floods may be appointed as independent observer to TEOC who shall fill the observer's notes and submit to DEOC which shall also be submitted to SEOC.

11:03

VoLTE 92%



KSDMA

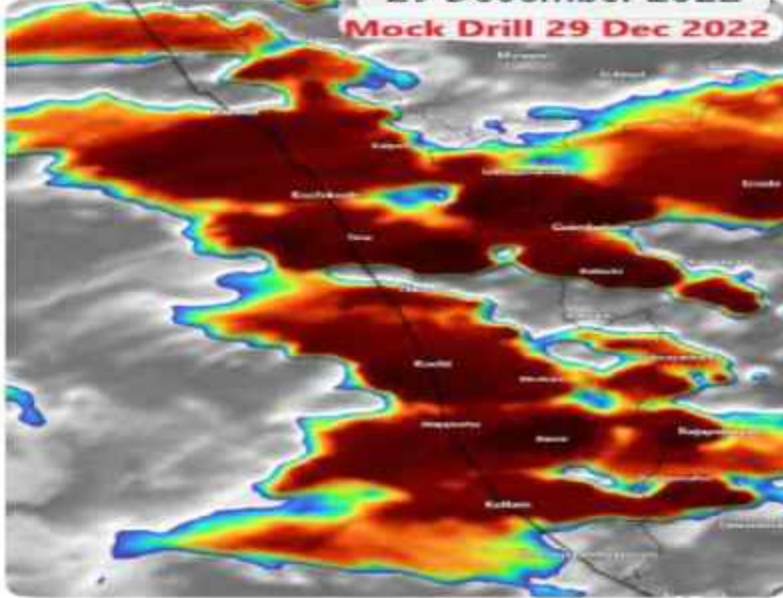
Adharv, Aji Francis, Aswathy, Athira, B...



Rajeevan Met SD

29 December 2022

Mock Drill 29 Dec 2022



EUMETSAT image @ 9.15 am .
very heavy rainfall expect all the
districts over kerala

9:18 am

Fahad HA Kozhikode

sdma.kerala.gov.in

<http://sdma.kerala.gov.in/wp-content/uploads/2022...>
sdma.kerala.gov.in

TEST.. TEST.... TEST.. MOCK DRILL 2022

IMD യുടെ റെഡ് അലർട്ടിന്റെ
പശ്ചാത്തലത്തിൽ ജില്ലാ
കളക്ടർമാർക്കുള്ള പ്രത്യേക
നിർദ്ദേശം

കേരള കാലാവസ്ഥാ വകുപ്പ്



Message



11:03

VoLTE LTE1 92%



KSDMA

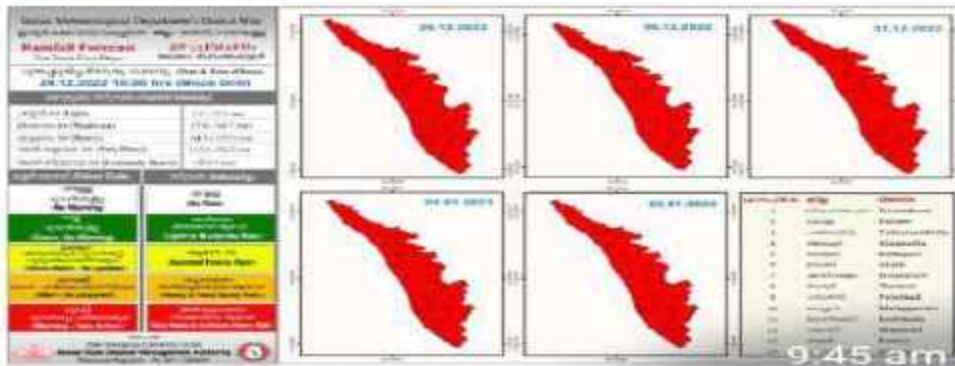
Adharv, Aji Francis, Aswathy, Athira, B...



ശക്തമായ ഇടിമിന്നലോട് കൂടിയ
വേനൽ മഴ സംസ്ഥാനത്ത്
തുടരുകയാണ്. ഇടിമിന്നലിനും
ശക്തമായ കാറ്റിനും
സാധ്യതയുള്ളതിനാൽ സംസ്ഥാന
ദുരന്ത നിവാരണ അതോറിറ്റി
പുറപ്പെടുവിച്ചിട്ടുള്ള... [Read more](#)

9:44 am

Seoc Fc



9:45 am

Seoc Fc



9:45 am

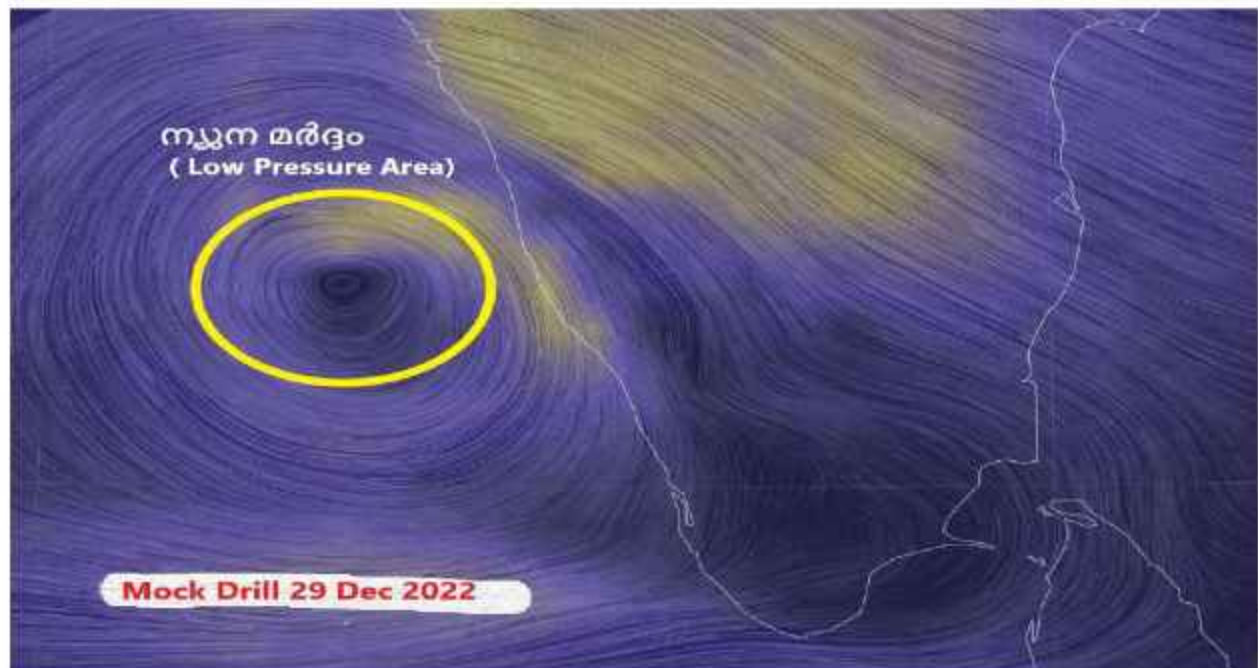
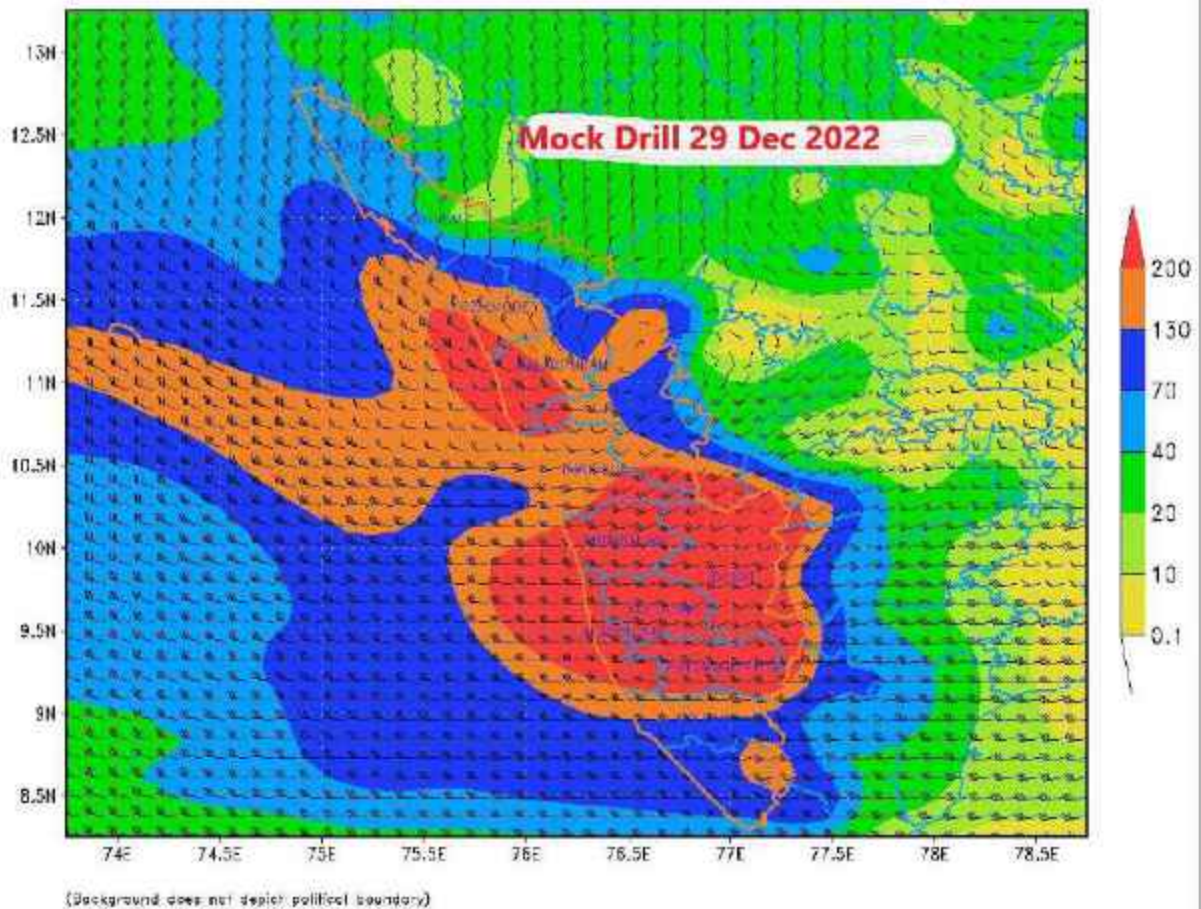
Seoc Fc



Message



IMD :GFS MODEL(12 Km) 850 hPa WIND (kt) & RAINFALL (mm) FORECAST (72 HR)
based on 00 UTC of 01-08-2022 valid for 03 UTC of 04-08-2022



Indian Meteorological Department's District Wise
ജനറൽ കാലാവസ്ഥാ പ്രവചനം ജില്ലാ തലത്തിൽ

Rainfall Forecast 29 (പ്രവചനം)
For Next Five Days തുടർച്ചയായി അടുത്ത അഞ്ച് ദിവസങ്ങൾ

എസ്റ്റിമേറ്റ് ചെയ്ത തീയതി (Date & Time of Issue)
29.12.2022 10:00 hrs (Mock Drill)

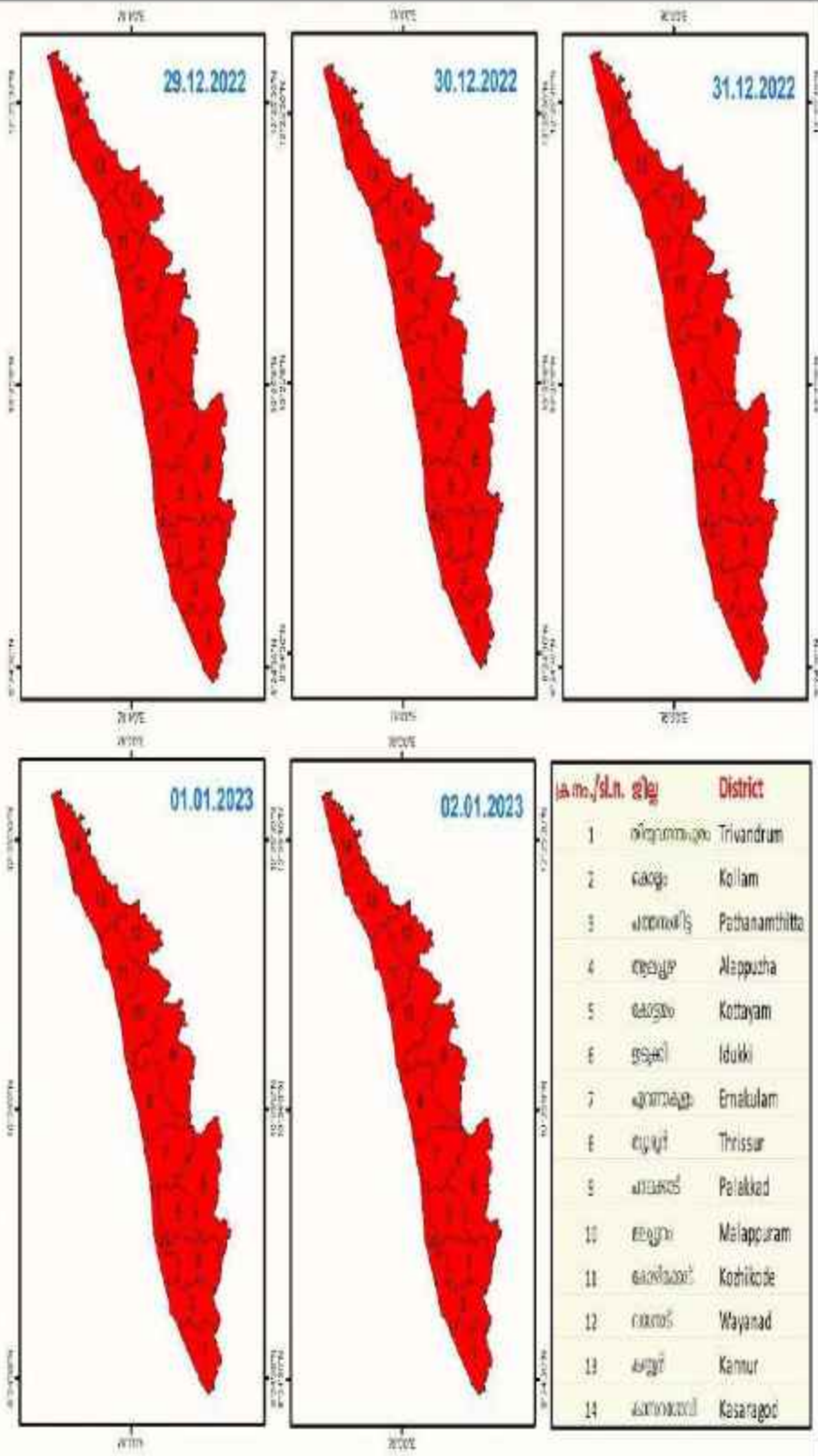
മഴയുടെ തീവ്രത (Rainfall Intensity)

ഛായമാർഗ്ഗം (Light)	2.5 - 15.5 mm
മിതമായ മഴ (Moderate)	15.6 - 64.5 mm
മുക്തമായ മഴ (Heavy)	64.5 - 115.5 mm
അതിമുക്തമായ മഴ (Very Heavy)	115.5 - 204.4 mm
അതിമുക്തമായ മഴ (Extremely Heavy)	>204.5 mm

കളർ കോഡ് (Colour Code) തീവ്രത (Intensity)

മുന്നറിയിപ്പ് No Warning	മഴ ഇല്ല No Rain
പച്ച മുന്നറിയിപ്പ് Green, No Warning	ഛായമാർഗ്ഗം മിതമായ മുക്ത മഴ (Light to Moderate Rain)
പ്രകാശ പച്ച മുന്നറിയിപ്പ് Yellow Watch - Be updated	മുക്തമായ മഴ (Isolated Heavy Rain)
മഞ്ഞ മുന്നറിയിപ്പ് Alert - be prepared	മുക്തമായ മുക്തമായ മുക്തമായ മഴ (Heavy to Very Heavy Rain)
ചുവപ്പ് മുന്നറിയിപ്പ് (Warning - Take Action)	അതിമുക്തമായ മുക്തമായ മുക്തമായ മഴ (Very Heavy to Extremely Heavy Rain)

95X148
State Emergency Operations Centre
Kerala State Disaster Management Authority
Thiruvananthapuram - Ph: 0471 234434





India Meteorological Department's District Rainfall Forecast

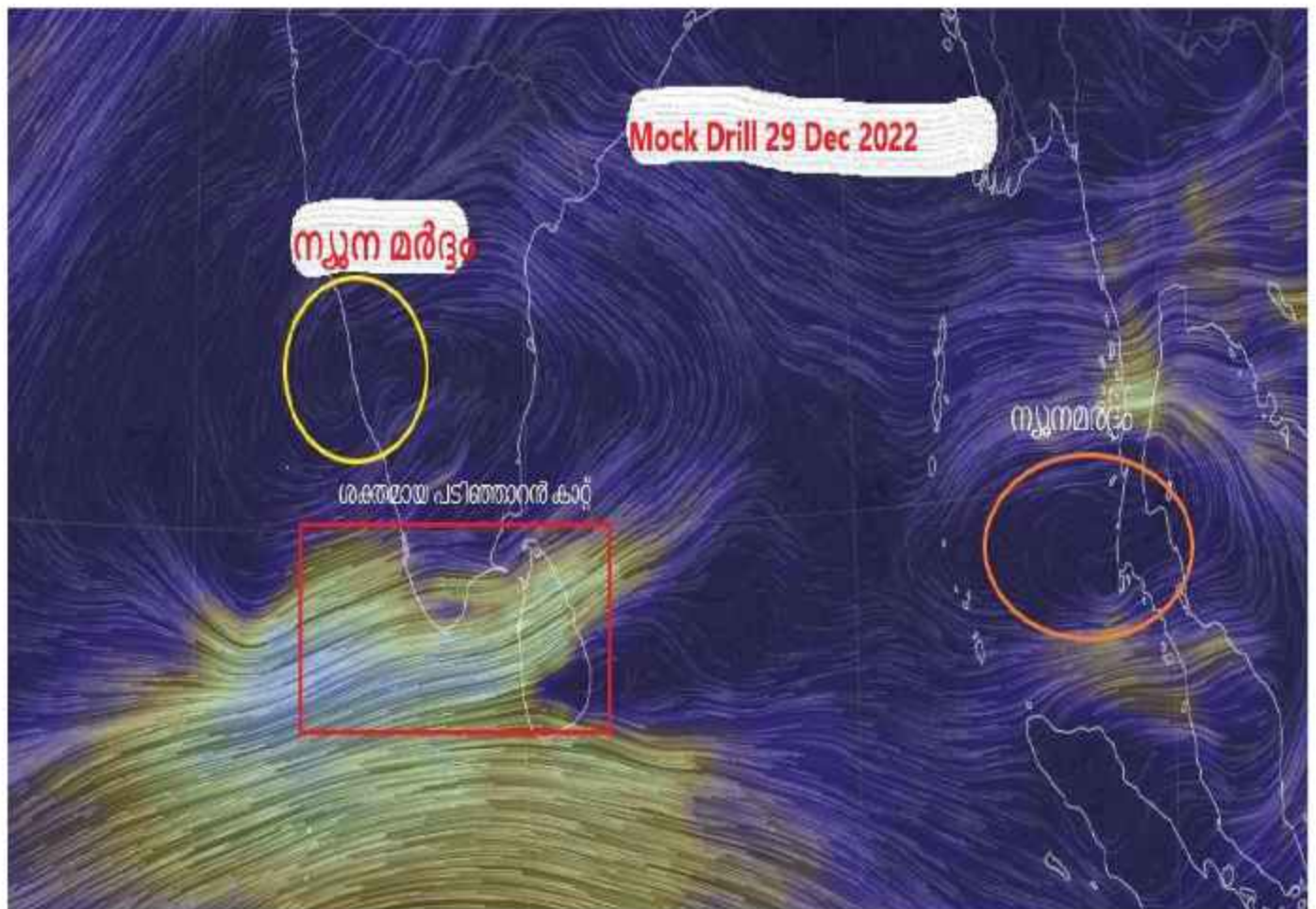


Issue Date 29.12.2022; Time: 10:00 hrs. (Mock Drill)

District	29.12.2022	30.12.2022	31.12.2022	01.01.2023	02.01.2023
Thiruvananthapuram	XH	XH	XH	XH	XH
Kollam	XH	XH	XH	XH	XH
Pathanamthitta	XH	XH	XH	XH	XH
Alappuzha	XH	XH	XH	XH	XH
Kottayam	XH	XH	XH	XH	XH
Ernakulam	XH	XH	XH	XH	XH
Idukki	XH	XH	XH	XH	XH
Thrissur	XH	XH	XH	XH	XH
Palakkad	XH	XH	XH	XH	XH
Malappuram	XH	XH	XH	XH	XH
Kozhikode	XH	XH	XH	XH	XH
Wayanad	XH	XH	XH	XH	XH
Kannur	XH	XH	XH	XH	XH
Kasaragod	XH	XH	XH	XH	XH

COLOUR CODE	WARNING	INTENSITY	Rainfall Intensity (mm)	
White	No Rain	No Rain	Light	(2.5 - 15.5 mm)
Green	No Warning (No Action)	Light Rain	Moderate	(15.6 - 64.4 mm)
Yellow	Watch (Be Updated)	Moderate Rain	Heavy	(64.5 - 115.5 mm)
Orange	Alert (Be Prepared)	Heavy to Very Heavy Rain	Very Heavy	(115.6 - 204.4 mm)
Red	Warning (Take Action)	Very Heavy Rain to Extremely Heavy Rain	Extremely Heavy	(> 204.5 mm)

ISOL - Isolated Rainfall One or two places (<25% of stations gets rainfall)



Issue Time: 1001 hours EST

SPRING 2006

E-mail: mc.bradford@uic.edu or mcbradford@gmail.com

[illegible]



KSDMA

Adharv, Aji Francis, Aswathy, Athira, B...

[illegible]

Aswathy HA Kozhikode

"Test, test, test...this is Flood & LS Mock Drill Kerala December 2022

*Camp started in thalaperumanna school ..."

DDMA Kozhikode

MOCK DRILL MESSAGE END*

9:45 am

Fahad HA Kozhikode

TEST.. TEST.... TEST.. MOCK DRILL 2022

**റെവന്യൂ മന്ത്രിയുടെ ഓഫീസിനുള്ള
കുറിപ്പ്**

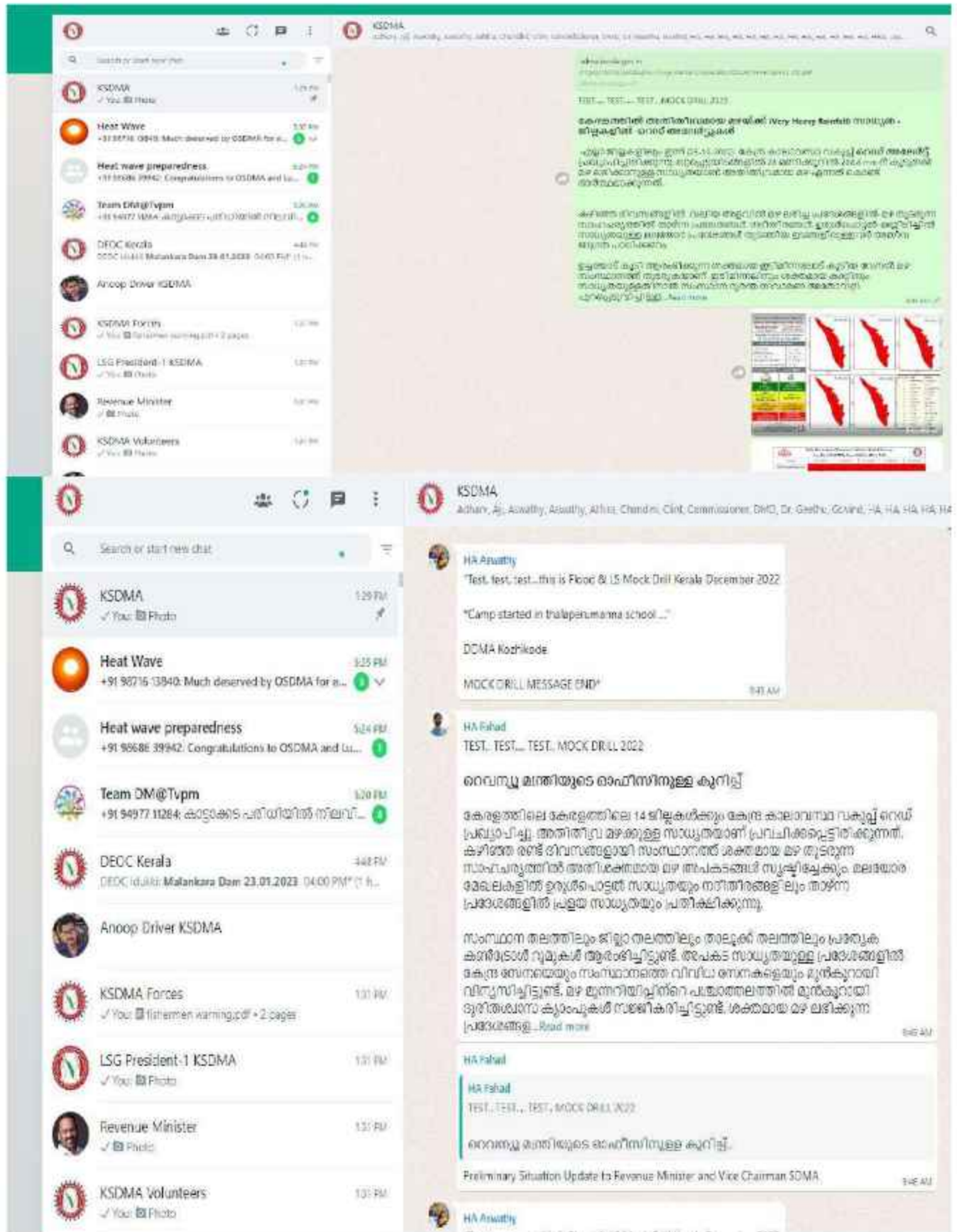
കേരളത്തിലെ കേരളത്തിലെ 14 ജില്ലകൾക്കും കേന്ദ്ര കാലാവസ്ഥ വകുപ്പ് റെയ് പ്രഖ്യാപിച്ചു. അതിൽ വേഗമേ സാധ്യതയാണ് പ്രവചിക്കപ്പെട്ടിരിക്കുന്നത്. കഴിഞ്ഞ രണ്ട് ദിവസങ്ങളായി

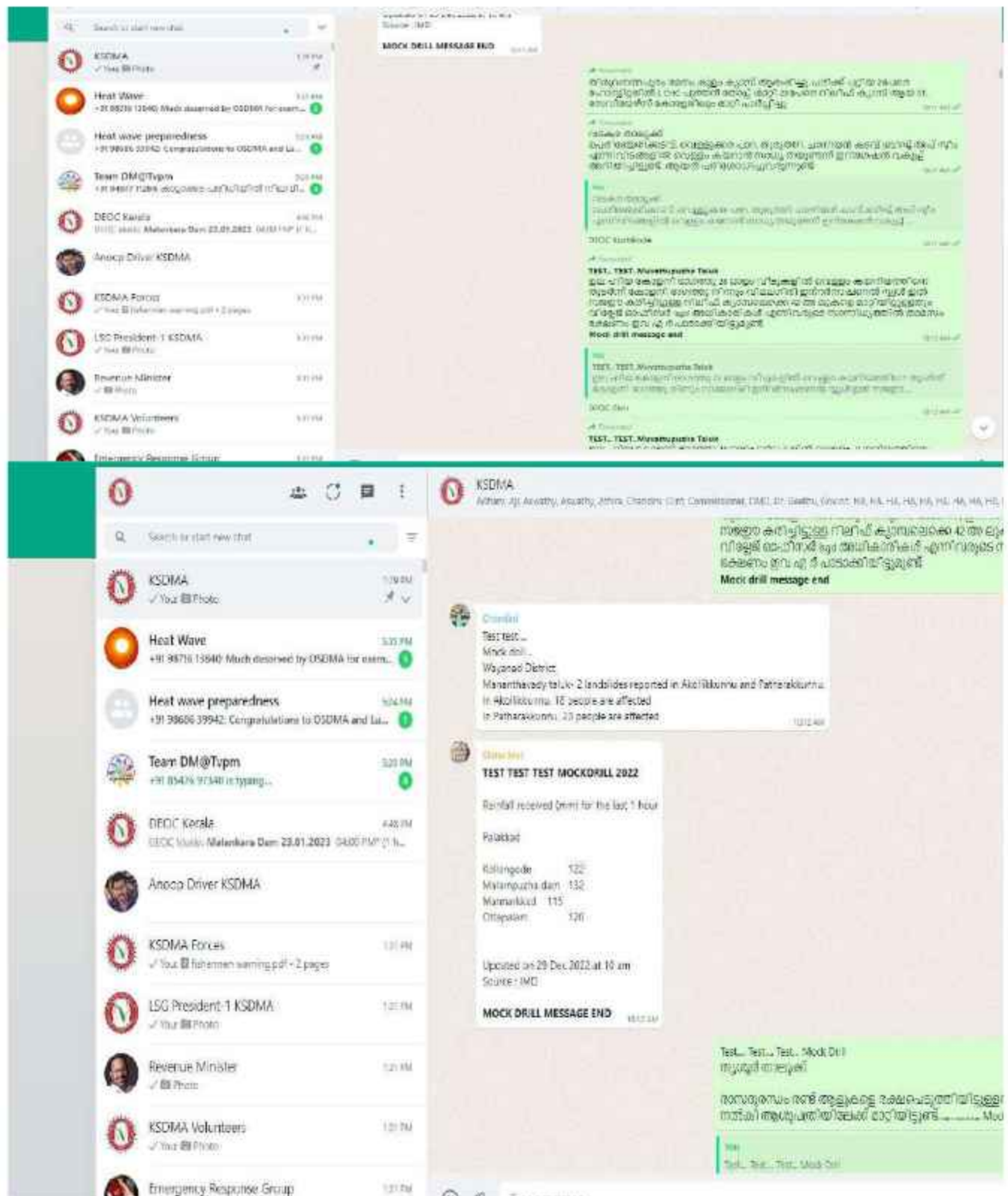


Message



[illegible]





[illegible]





KSDMA

✓ You  Photo

1:31 PM



Team DM@Tvpdm

+91 94577 13267 is typing...

1:29 PM



Heat Wave

+91 98766 38840: Much dearmned by KSDMA for exem...

1:05 PM



Heat wave preparedness

+91 39686 35942: Congratulations to KSDMA and Lu...

1:04 PM



DEOC Kerala

DEOC (Kerala): Mahankara Dam 23.01.2023 08:00 PM (1 h...

1:44 PM



Anoop Driver KSDMA



KSDMA Forces

✓ You  Ananthan warrier.pdf • 2 pages

1:31 PM



ISG President-1 KSDMA

✓ You  Photo

1:31 PM



Revenue Minister

✓  Photo

1:31 PM



KSDMA Volunteers

✓ You  Photo

1:05 PM



Emmanuel's Knowledge Centre

1:01 PM

<p>1000</p>	<p>1000</p>	<p>1000</p>
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[illegible]

PHOTO GALLERY

PHOTO GALLERY- SEOC - KSDMA

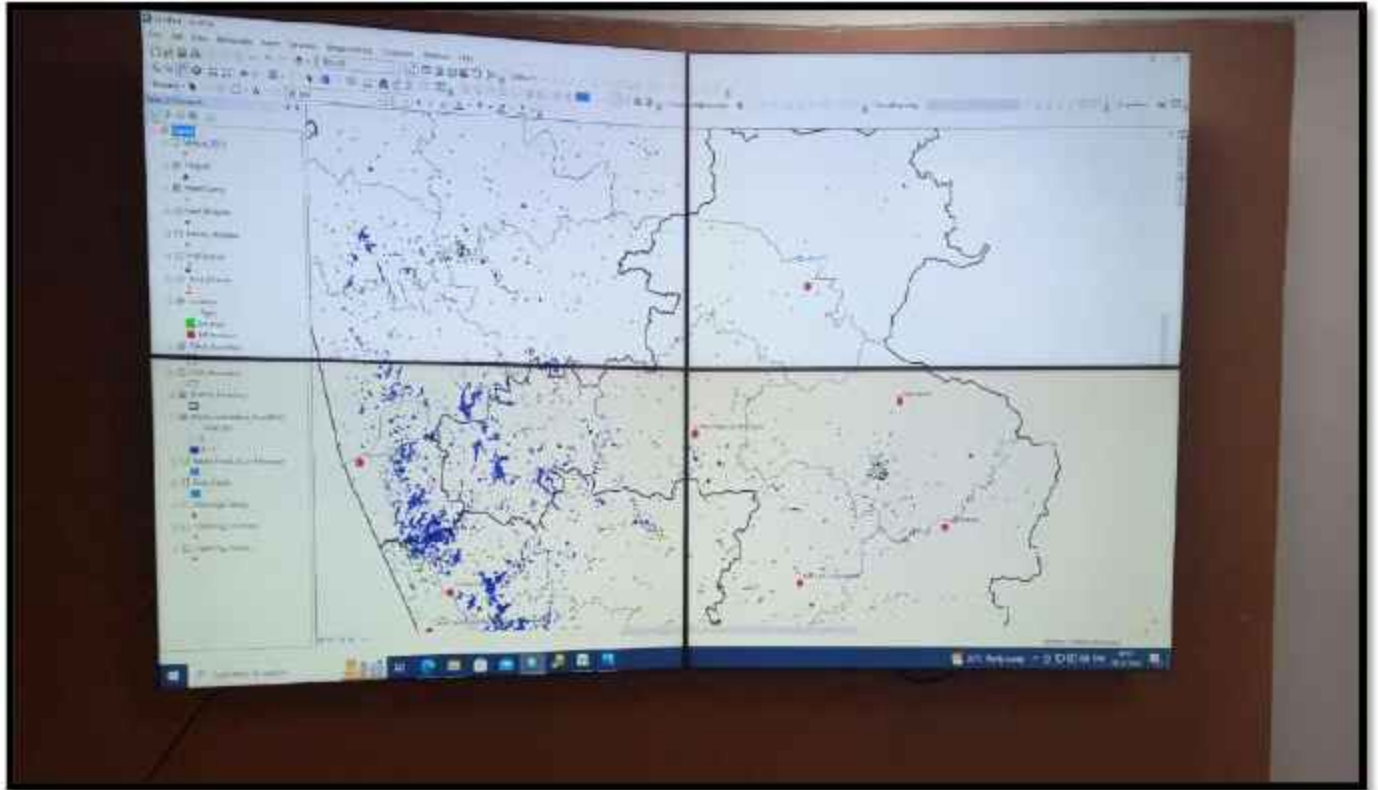














PHOTOS OF THE FIELD MOCK EXERCISE

































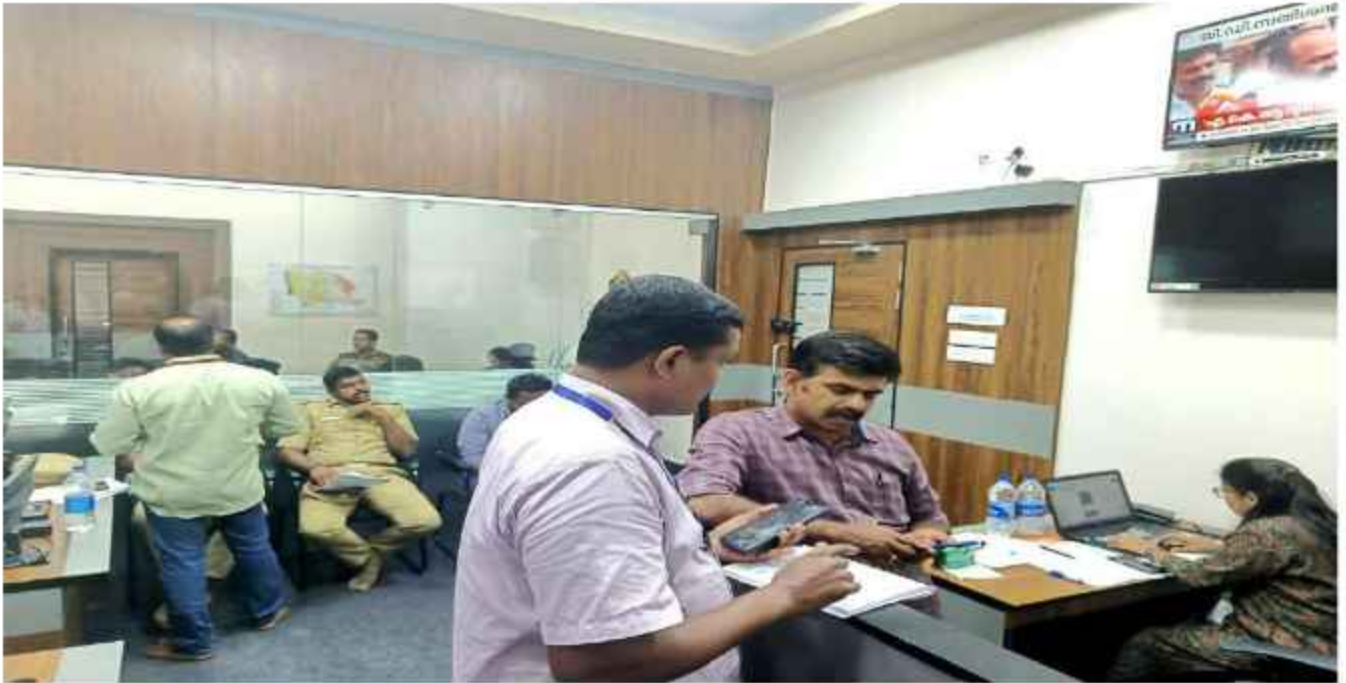


























വെള്ളപ്പൊക്ക രക്ഷാപ്രവർത്തനം

ജില്ലയിൽ അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ നടത്തി

കോർപ്പറേഷൻ ഓഫ് വെള്ളപ്പൊക്ക രക്ഷാപ്രവർത്തനം നവംബർ 20-ന് ജില്ലയിലെ അഞ്ചിടത്ത് നടത്തിയ പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു. ജില്ലയിലെ അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു. ജില്ലയിലെ അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.



അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.

'മഞ്ചേഴ്സ്' 75 പേരെ രക്ഷ

മഞ്ചേഴ്സ് ടീം 75 പേരെ രക്ഷാപ്രവർത്തനത്തിൽ പങ്കെടുത്തു. മഞ്ചേഴ്സ് ടീം 75 പേരെ രക്ഷാപ്രവർത്തനത്തിൽ പങ്കെടുത്തു. മഞ്ചേഴ്സ് ടീം 75 പേരെ രക്ഷാപ്രവർത്തനത്തിൽ പങ്കെടുത്തു.

അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.

ജില്ലയിൽ അഞ്ചിടത്ത് പ്രളയമോക്ഡ്രിൽ നടത്തി

കോർപ്പറേഷൻ ഓഫ് വെള്ളപ്പൊക്ക രക്ഷാപ്രവർത്തനം നവംബർ 20-ന് ജില്ലയിലെ അഞ്ചിടത്ത് നടത്തിയ പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു. ജില്ലയിലെ അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.



അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.

വിവിധ കേന്ദ്രങ്ങളിൽ മോക്ഡ്രിൽ നടത്തി



വിവിധ കേന്ദ്രങ്ങളിൽ മോക്ഡ്രിൽ നടത്തിയതിന്റെ ചിത്രങ്ങൾ.



അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.

കുടുംബശ്രീ, കോർപ്പറേഷൻ ഓഫ് വെള്ളപ്പൊക്ക രക്ഷാപ്രവർത്തനം നവംബർ 20-ന് ജില്ലയിലെ അഞ്ചിടത്ത് നടത്തിയ പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു. ജില്ലയിലെ അഞ്ചിടത്ത് പ്രളയ മോക്ഡ്രിൽ പങ്കെടുത്തവർക്ക് അഭിനന്ദനങ്ങൾ അർപ്പിക്കുന്നു.

EXPENDITURE STATEMENT

EXPENDITURE STATEMENT FOR MOCK DRILL			
Sl. No.	Description of Work	Company Name	Total Amount (Including GST)
1	Auditorium- Arrangements (AC, Ceiling, Table, Chair, Generator Etc..)	M/S SV Hire Service & Decorations	2,52,890/-
2	LED Wall, Public Address System- Sound System	M/s Crest	1,64,964/-
3	Accommodation for External Observers, NDMA Participants & NDRF observers	ILDm, Hotel Prasanth, Mascot Hotel & Capital Park Residency	1,18,792
4	Food (Break Fast, Tea, Snacks (Morning & Evening) and Lunch (27.12.22 & 29.12.22)	M/s Sree Sylam Catering & Service,(Kudumbasree)	63,550
5	Travel Expenses	M/s Anusree Travels	16,912/-
6	Printing Round Sticker (with setting)	M/s Tandem Reprographics	900
		M/s Sreemudra Printers	1300
Total KSDMA Expense Rs			6,19,308/-
8	Amount allotted to Districts & Taluks (District @ Rs. 20,000 & Taluk @ Rs. 15000)	DDMA's (14 District)	14,50,000/-
Grand Total(₹)			20,69,308/-

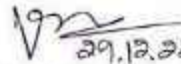
OBSERVORS'REPORTS (From Districts & Taluks)

THIRUVANANTHAPURAM

TRIVANDRUM DISTRICT IRT OBSERVER'S REPORT

Sl. No.	Checklist	Observation
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration):	Specialized rescue at Thiruvananthapuram, Nedumangad, Kattakkada, Neyyattinkara and Chirayinkeezhu taluks by SEOC, DEOC KSDRF, Police Control Room, Fire Rescue Service, Health Department, Local NGOs, Village offices, Panchayaths, Transport Department, NCC rescuers.
2	Nodal Officer (Name) :	Shri. Jayamohan V., Deputy Collector (Disaster Management)
3	Alternate Nodal Officer (Name):	Smt. Sreesubha S. (Assistant Development Commissioner (General))
4	Observer: a) Name: b) Organization:	VIRENDER SI/EXE, 04 th BN NDRF, Arakkonam, TN
5	What was the first reaction of the Nodal Officer/ Org on receipt of information?	DDMA was convened, IRT activated and communicated to the inter department teams through various communication channels regarding flood warning and Land Slide due to heavy rainfall.
6	What was their initial & subsequent assessment of the situations?	The water level started rising in the river at Neyyattinkara and land slide at other places. Hence, pre-positioning of rescue services with inventories were deployed.
7	Duties undertaken by the Team Leader (Give details of duties):	a) Necessary human resources and inventories were pre-positioned by concerned departments . b) Disseminated flood and land slide alert warning through various communication channel like VHF, helpline phone, whatsapp, public addressing systems communicated to inter department team. c) Co-ordinating Inter Departmental Teams in search and rescue, the persons and animals drowned in river water, moving them to hospital/ shelter based on the TRIAGE done. d) Managing transportation for emergency service. e) Caring of rescued persons at relief shelter by providing them with mat, bedsheet, snacks, tea and food. f) Organizing Medical Team at the relief shelters.
8	Resources Available and carried for the specific tasks	SDRF – 5 Teams Fire & Rescue Services – 5 Teams Medical Team – 5 Teams (Each consists of 1 Doctor + 1 Nurse + 1 Attender)

		<p>Transport Team – 5 Teams Volunteers – 5 Teams Traffic Police – 5 persons Electricity – 2 persons Ambulance Team – 1 Doctor + 1 Attender + 1 Driver</p> <p>Inventories:</p> <p>1) Fire Engine – 6 nos. 2) Multi Utility Vehicle - 4 3) Electricity Generator – 6 4) Ambulance - 12 5) Jeep (fire) - 6 6) Scuba - 2 7) Rubber Dinghy - 6 8) Life Buoy - 75 9) Life Jacket - 75 10) Boat - 1 11) Float Pump - 5 12) Portable pump - 5 13) Ropes - 10 14) Structures - 12 15) Hydraulic Rescue Tools - 6 16) KSRTC Bus - 10 17) Police Jeep - 6 18) School Bus (EIB) - 2 19) Tower Light - 5 20) Scuba Set - 10 21) Walkie Talkie - 10</p>
9	<p>Was the organization able to carry out its assigned task? How would you assess their performance 100 % Success / 75 % Success / 50 % Success / 25 % Success.</p>	<p>Yes. As per the DM plan, their performance was 75% success.</p>
10	<p>Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)</p>	<p>The mock drill was conducted very well. The public were found aware due to this mock exercise. Co-ordination among different agencies was very good and rescue operation was quick. Communication system was good, but there should be an alternate communication system for effective and successful operation. The strength of rescuers and vehicles should be as per incident.</p>


29.12.22
VIRENDER
SI/EXE
04th BN, NDRF,
Arakkonam, Tamilnadu.



KATTAKADA TALUK

Observation Report Mock drill

1 message

Nasar Pms <nasarkuttappan@gmail.com>
To: deputycollectordmtvpm@gmail.com

2023 ജനു 3, ചൊവ്വ at 11:24

1. Emergency support function - Search and rescue
2. Nodal Officer- Tahasildar Kattakada
3. Alternate nodal officer - asst Tahasildar Kattakada.
4. Observer name& Organization - Nb Sub Abdul Nassar P, 23 MARATHA LI (Army)
5. What was the first reaction of the nodal Officer. on receipt of information - He alert all related departments immediately and move to calamity affected area immediately with emergency supporting troops.
6. What was their initial and subsequent assessment of situation - They are not well planned and coordinated to tackle the situation.
7. Duties undertaken by team leader- control and coordination of different departments to normalise the situation. Team leader arranged different troops to tackle the situation like fire and rescue team, emergency medical support team, ambulances, hospitals, government departments, local administration bodies like panchayaths, village officers, kseb, public transport like ksrtc, different schools and institutions to set up relief camps etc.
8. Resources availableand carried out for specific tasks.
 - a. Fire and rescue unit -4
 - b. Ambulance and medical support unit -4
 - c. Public transport buses from ksrtc -2
 - d. KSEB unit -1
 - e. Village officers veh
 - f. Manpower from pulic.
 - g. Officials from different departments.
9. Was organisation able to carry out its assigned task?how would you asses their performance 50% success.
10. Observers opinion -
 - a. Overall good set up of incident command post, arrangements of resources, reaction to situation, interest in his task, conducting of drills, coordination, communication skills are were pleasant.
 - b. Good practices- Well established command post. Resources arranged to normalise emergency situation . Quick and alert response and reaction to incident information.
- Fast and quick move towards flood affected area. Nodal officer was keenly interested in rescue and relief operations.
- c. Weaknesses:
 - a. No communication equipments to communicate different desks.
- Mobiles phones are are used to communicate each other. In flood situations mobile communications merely possible.
- No alternate plans not discussed or planned to rescue operation in the case of road blocks, road submergeong situations, no equipments to clear road blocks due to land slides.
- d. Shortcoming notices. Many more officials sitting in different desks have no ades about their task. They are just sitting for vacancy filling pprose.

Thanking you
Nb Sub Abdul Nassar P
23 MARATHA LI
Military station,
Pengoode, Twin 06.

NEDUMANGAD TALUK



Format For Report By Observer



1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --) *Search & Rescue and Medical.*
2. Nodal Officer (Name) *Ta. Asst/da.*
3. Alternate Nodal Officer (Name) *VDO*
4. Observer (Name) & Organization *Hav. Anu. Ss (Pangode mil sto)*
5. What was the first reaction of the Nodal Officer/ Org on receipt of information - *Group discussion, and give awareness to all department*
6. What was their initial & subsequent assessment of the situations
7. Duties undertaken by the Team Leader (Give details of duties) *→ Search & Rescue (from)*
8. Resources Available and carried for the specific tasks *→ first aid Center*
9. Was the organization able to carry out its assigned task? How would you assess their performance 100 % Success / 75 % Success / 50 % Success / 25 % Success *100%*
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed) *Good practice*

Observer's Report – Neyyatinkara Taluk

1)Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of –)

Flood Evacuation Mock Drill

2)Nodal Officer (Name)

Arun, J.L, Incident Commander, Tahsildar, Neyyatinkara

3)Alternate Nodal Officer (Name)

Pretha, Deputy Incident Commander, Neyyatinkara

4)Observer (Name) & Organization

Nk Gunashekharan Pandian, 11th Madras Regiment, Pangode

5)What was the first reaction of the Nodal Officer/ Org on receipt of information

Firstly informed to the competent authorities

6)What was their initial & subsequent assessment of the situations

Rescue operations started quickly according to the information received

7)Duties undertaken by the Team Leader (Give details of duties)

Consolation and coordinated duties of various departments for the rescue operations.

8)Resources Available and carried for the specific tasks

Fire force, Medical Team, Police, Revenue and Military

9)Was the organization able to carry out its assigned task? How would you assess their performance

100 % Success / 75 % Success / 50 % Success / 25 % Success

Yes; the organization is able to carry out associated task to 100%

10)Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)

Well practiced and coordinated. Work equipment was used proper manner with priority

Observer's Report – Thiruvananthapuram Taluk

1)Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of –)

2)Nodal Officer (Name)

Ashidi. I. S.

3)Alternate Nodal Officer (Name) Rajesh.

S.

4)Observer (Name) & Organization

Nk Vaibhav Jadhav, 23 Maratha Light Infantry, Pangode Military Station

5)What was the first reaction of the Nodal Officer/ Org on receipt of information

Very good performance by Team Trivandrum Tahsil Office

6)Was the organization able to carry out its assigned task? How would you assess their performance
100 % Success / 75 % Success / 50 % Success / 25 % Success

100% task completed for Trivandrum Tahsil Office Team. Very good performance to team Trivandrum Tahsil Office

Observer's Report – Chirayinkeezhu Taluk

1)Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of –)

Chirayinkeezhu Taluk Office

2)Nodal Officer (Name)

No

3)Alternate Nodal Officer (Name)

No

4)Observer (Name) & Organization

Hav Santhosh Kumar 91 BSC

5)What was the first reaction of the Nodal Officer / Org on receipt of information

Firstly info to local village officer, then suddenly visit location and take further action

6)What was their initial & subsequent assessment of the situations

Arrangements are organized near relief camp

7)Duties undertaken by the Team Leader (Give details of duties)

Take all action with the help of Fire and Rescue, Police, Medical Team, RTO and local body

8)Resources Available and carried for the specific tasks

Integration of volunteers and NGOs

9)Was the organization able to carry out its assigned task? How would you assess their performance

100 % Success / 75 % Success / 50 % Success / 25 % Success

75%

10)Observers Comments (overall opinion, good practices and weakness / shortcomings noticed) Well

planned mock drill, Fire and Rescue Team, Medical Team very well.

THRISSUR

REPORT BY OBSERVER FOR MOCK EXERCISE ON FLOODS DISASTER IN THE STATE OF KERALA ON 29.12.2022

- 1) Emergency Support function (e.g. Search, & Rescue ; Medical; Dead Body Management; Restoration of---): Dist. Administration, SEOC, DEOC, SDRF, NDRF, CAPFs, Fire rescue service, Health Department , Local-NGOs, , Village level first rescuer, Transport department, , Railway, ambulance, Civil Defence, Air force, Navy, Army, State Police, Revenue.
 - 2) Nodal Office (Name): Dr V. Venu IAS, State Home Secretary, Kerala
 - 3) Alternate Nodal Office (Name):T V Anupama IAS, Dist. Collector Trissur.
 - 4) Observer (Name) & Organization: Rajiv MK, Inspector/Executive , CISF ASG Cochin
 - 5) What was the first reaction of the Nodal Officer/ Org on receipt of information: On 29.12.2022, at about 0900 Hrs. message was received from local villager and Tahsildar that flash flood occurred due to heavy rainfall and requested to SDRF/Fire team for rescue and evacuation. After that msg. received, immediately necessary direction passes to SEOCs for deployment for SDRF as well as Fire service for evacuation the civilians from affected area. Simultaneously also the same was conveyed to all responding agencies through SEOC.
 - 6) What was their initial & subsequent assessment of the situation : The emergency scenario of "floods disaster" was stimulated on 29.12.2022 at 0900hrs located in different districts. The message of simulation was immediately communicated to DEOCs of concerned districts. As per the scenario and pre-decided sequence of actions for the mobilization of teams started by the rescue agencies from their respective bases, and started rescue ops. As the situation become normal and control the operation closed at 1300 hrs by getting all clear messages from all concerned agencies from incident commander.
 - 7) Duties undertaken by the Team Leader (Give Details of duties): Team commander sized up the scene and briefed the situation at incident site and sequence of action to all the teams. Safety officer informs the team commander that all the station can be established. After briefing to team members, team commander asks safety officer to come forward and brief all the team members about safety of individual and safety norms and emergency signals. Team commander also instructed to safety officer for ensuring the safety of each team member who advancing towards incident site.
-

- 8) Resources Available and carried for the specific tasks: Communication system, Disaster equipment like boat, cutter, life jacket, life-buoy etc , Emergency medicine kit with Ambulance, Generator, Fire tender and other NGOs also available during the mock exercise.
- 9) Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75%Success/50% Success/25% Success: Yes as per DM plan and their performance was 100% success.
- 10) Observer comments (overall opinion, good practice and weakness/shortcomings noticed) Good practice:

GOOD PRACTICE:

- Participation of all the stake holders make it fruitful to understand the roles of sister agencies.
- All concerned agencies and all of them played an active role during Mock Exercise.
- All stake holders displayed effective co-ordination among each other.
- Timely reporting at the incident site and response as per plan.
- All responding agencies done their roles in a very good manner.
- Involvement of Air force helicopter in the mock exercise is appreciated, it was very effective to fast evacuation of affected people

WEAKNESS

- Communication between different agencies needs to be improved.
- Communication from many DEOCs to SEOC noticed delayed due to some technical issues. Implementation of effective and alternate communication system like satellite phone is required to avoid any type of communication problem in real scenario
- Avoid the service of non skilled rescuer in deep water rescue. Only use skilled rescuer with personal protective gears.
- Observed inadequacy of personal protective equipment in chemical disaster rescue. Local authority may ensure to providing minimum personal protective gears like chemical gas mask and breathing apparatus set to the first responders.

Submitted for kind information and perusal please

Pottanoor Taluk

Report by Observer - Indian Navy

1. Emergency support function (e.g. Search & Rescue, Medical, Dead Body Management, Restoration of --)

Restoration of important/essential equipments, food materials
Dead body management, shelter management, restoration of sanitation

2. Nodal Officer (Name)

Mrs Ambika KM (Tahsildar)

3. Alternate Nodal Officer (Name)

T.F. Joseph (Deputy Tahsildar)

4. Observer (Name) & Organization

D.S. CHANAR, MCRB (CN), Indian Navy

5. What was the first reaction of the Nodal officer/ Org on receipt of information

Nodal officer (Tahsildar) received call from Response Officer at 0900 hrs. She quickly activate Incident response team. Incident response team was combination of Fire & Rescue team (Pottanoor Civil defence, Kerala police, Fire & Rescue team (Elloor), Local Govt Emergency response team, Health department, and some Local Volunteers.

6. What was their initial & subsequent assessment of the situations

There is a situation of flooding and water contamination of Pottanoor river. Due to increased water level, water enters into chemical manufacturing factory and river water gets contaminated. Some local people and workers affected due to intake of water.

Number of person affected - 20

Number of person dead - 02

Number of person injured - 06

All affected person shifted to shelter place at Muppattodan Govt Hg Sec School. After medical check up further shifted to Hospital.

7

Duties undertaken by the Team Leader (Give details of duties)

- * Evacuate the person to Shelter Camp.
- * Deployed the SAR Team in Port Blair Sirey
- * Engage/Establish communication with his team.
- * He give briefly to all team members about their roles and responsibilities

8

Resources available and carried for the specific tasks

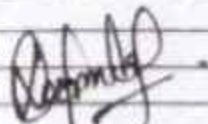
Hazards Map of affected area,
 Flood barriers - sand bags
 submersible pumps
 inflatable craft, Fibre boats, life jackets, life bouys
 rescue ropes, safety harness, BA Seds
 Ambulances, Fire Brigades Vehicles
 Vehicles for transportation of peoples to Shelter Hospital

9. Was the organisation able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success

Yes - 75%

10 Observers comments (Overall opinion, good Practice and Weakness/ short comings noticed)

- * There is a situation of flood and water contamination. Rescue Team wears BA sets while evacuating the casualties. No need to wear BA sets as there is no air contamination / fire fighting situations.
- * CPR given on stretcher, It should be flat surface on ground.
- * AT the time of CPR, Maximum No. of person around the casualty. He already breathes mask and required fresh air.
- * There is no provision of decontamination of people, shifted to shelter camp.
- * Overall it was a good effort by all agencies involved in this Mock Drill Ex.



D.S. CHAHAR
MCPO & CO

MUVATTUPUZHA TALUK

- 29 Dec 22

Report by Observer - Indian Navy

1. Emergency support function (e.g. Search & Rescue : Medical : Dead Body Management : Restoration of --)

Search and Rescue in Flood affected area (ILAHIA COLONY).

2. Nodal Officer (Name)

Deputy Col. J. J. John
Incident Commander

3. Alternate Nodal Officer (Name)

T. K. S. Sathyan
Deputy Incident Commander.

4. Observer (Name) & Organization

UTTAM KUMAR ROY, MCERA-II
INDIAN NAVY.

5. What was the first reaction of the Nodal officer/ Org on receipt of information

In getting message from DEAC, RO gave direction
to Incident Commander & activated the TRS
team members i.e., Fire, Police, BSA, RO,
Health etc.

6. What was their initial & subsequent assessment of the situations.

Information officer is concerned local village officer
informed that water level is increasing and about
28 houses in ILAHIA COLONY were flooded.
In the leadership of IC, the TRS team decided
action to evacuate the people from flood affected area.
Total 42 members, of 28 families were rescued
and transported to Reddy Relief camp out of
which 18 male, 12 female, 12 children, 01 senior
citizen, 01 disabled person and 01 pregnant
woman were present.

7. Duties undertaken by the Team Leader (Give details of duties)

The IC instructed the JRS team required to alert the emergency services immediately. Rescue operation started very quickly as team was well prepared. The fire, police, police, RTO, LSGD jointly conducted the rescue operation. The leadership of incident commander. All medical cases were reported out of 42 were rescued members and treated well. Medical officer was very quick and well prepared.

8. Resources available and carried for the specific tasks

- i) Mine Water tender (MTU) - 1
- ii) First response vehicle - 1
- iii) Ambulance - 03
- iv) Rope & lines
- v) Shovel
- vi) Chalk knot
- vii) Wire saw
- viii) Cutting down
- ix) Life harness
- x) Floating device (FLOTIA).

9. Was the organisation able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success

The organisation is able to carry out its assigned task. It has certain improvement & upgradation in terms of communication system & other equipment. Performed well. Enclosed 1, 2 & 3.

10. Observers comments (Overall opinion, good Practice and Weakness/ short comings noticed)


- All the concerned teams and team leaders were present on time. The response of each team was very good. They were well briefed and trained. However, there are always scope of improvement. Following deficiencies detected.

- (i) Lack of communication system among team leader & member when availability of vehicles available.
- (ii) Lack of check off list.
- (iii) Less vehicle available for rescue of 36 family (140 members) only 06 vehicle was available.
- (iv) Road of entry access was very narrow becoming crowded leading to slowdown the rescue.

(v) Only 06 beds were made available which is not sufficient. Following recommendations.

- (i) Additional medical requirement posted as enclosed for smooth functioning of medical camp in case of real scenario.
- (ii) Additional requirement for fire service equipment placed at enclosure - 2 for handling worst flood affected of subsector.
- (iii) TFOC to be strengthened. List is placed for additional requirements so that it can support the affairs of area in quick time.

Overall a good mock drill conducted under a quick & energetic response from all team leaders & team members.


V K Ray
MCEPA-2
Indian Navy.

Enclosure-I

Additional Requirements for multifunctional

Health Department : Medical Camp :-

1. ★ Portable ventilator — 3 Nos.
2. ★ ICU Ambulance — 3 Nos. with (1 driver + 2 paramedic) per shift
24x7.
3. ★ Radio communication systems at Sir Muttupuzha, casualty department
to get information about disasters.
4. Additional portable trolley's with wheel — 10 Nos.
5. Additional wheelchair (out door type) — 10 Nos.
6. Additional multipara monitors (portable type) — 10 Nos.
7. Personal protective Equipments (PPE) ~~personal protective~~ type
— 100 Nos.
8. ★ Battery operated spot lights for using in the camp for doing
medical procedures — 10 Nos.
9. Portable crash cart — 10 Nos.
10. ★ Additional manual external defibrillators — 5 Nos.
11. ★ Daily duty roster for a standby team to manage disasters.
(2 doctor + 4 staff nurse per shift) + attendants
12. ★ Public addressing systems to alert duty staff at the time of
a disaster.
13. ★ Additional portable oxygen cylinders — 10 Nos.
= trolley.

(P10)

(14) * Portable power generator to charge medical equipments.

(15) Additional Ice boxes (Vaccine carrier boxes) - (10) Nos to transport and store medicines & blood products at camp.

(16) Additional spine board - (10) Nos.

Cervical collar - Philadelphia type - (50) Nos.

Soma splints - (50) Nos.

Pelvic binders - (50) Nos.

Thomas splint - (10) Nos.

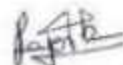
(17) Body bags - (100) Nos.

(18) Dry & Dry Goods - (100) Nos.

(19) Surgical scrubs suits - (100) Nos.

(20) Bed sheets - ~~(100) Nos~~ 150 Nos.

(21) Flash sterilizer - (1) No.


Dr. Rajesh B. Nair
Eno
G.H. Murattupuzha.

Enclosure - 2

Requirements for Fire and Rescue Services.

- 1) Rubber Dinghy - 1
- 2) Out Board Engine - 1
- 3) Scuba Set - 2 nos.
- 4) Floating Devices - 50 nos.
- 5) Search Light - 5 nos.
- 6) Sanitization Devices - 1
- 7) First aid kit - 1
- 8) Rescue Rope (Kernmantle) - (30 mtr) - 1
- 9) Mini Rescue Van - 1

Envelope 3

D

Toluk office

- 1) Depth of the river should be increased by removing sand
- 2) Village officers have a key role in disaster duties. No vehicle facility available now
- 3) Ensure proper flow of water through canals & check by clearing them regularly with the help of Canal staff
- 4) Proper communication facilities should be ensured. If electricity failure occurs for 2 days. No means to contact.
- 5) Ensure Hotline Connection between concerned departments with modern communication system.
- 6) Ensure proper warning messages from the concerned department regarding the opening of Dams -

KANAYANUR TALUK

Report by Observer


Sl No.	Aspect	Observation/Comment
1.	Emergency Support Function/ EOC Name (E.g. Search & Rescue; Medical; Dead Body Management)	- Flood Relief operation - Search & Rescue
2.	Nodal Officer	- Mr. P B Sunil Deputy District
3.	Alternate Nodal Officer	- No
4.	Observer (Name and Organisation)	- B N DADAS MCFO (CD) INDIAN NAVY
5.	What was the first reaction of the Nodal Officer/ Organisation on receipt of information?	The first reaction of the Nodal officer/organisation on receipt of information was very good.
6.	Their initial & subsequent assessment of the situations?	- Their initial & subsequent assessment of the situations were good.
7.	Duties undertaken by the Team Leader (Give details of duties)	
8.	Resources Available and utilized for the specific tasks (Including assessment of shortfall & plans for making up. Whether prioritization done in application. Integration of volunteers/NGOs. Optimum use of NDRF, BRO etc.)	
9.	Was the organization able to carry out its assigned task? (100 % Success / 75 % Success / 50 % Success / 25 % Success / 00 % Success / 75 % Success / 50 % Success / 25 % Success)	- Yes with 75% Success.

10.

Observers Comments

(personal opinion, good practices and weakness / shortcomings noticed)

- A Very Good Mock Drill Practised by
The direction of Nodal officers Mr. P.B.
Sunilal, Deputy collector, Mr. Rensit George Tehasildar
Kannayannur, P. Venkatesh Deputy Tahasildar Kannayannur
for flood rescue at KANAL COLONY THUTHIYOOK
Village, Kannayannur Taluka Eranakulam.


B N DADAS
MICROB
INDIAN NAVY

	<u>REPORT BY OBSERVER</u>	
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- 1) Emergency Support function (e.g. Search & Rescue, Medical, Dead Body Management, Restoration): District Administration, Kerala Fire & Rescue Services, Police, Health Department, Kerala State Electricity Board, Revenue Department, Local self Government Department, Kerala Water Authority, Transport Department, Civil Supplies, District Geologist, Irrigation Department, NGOs, Volunteers and Civil Defence.
- 2) Nodal Officer (Name): Smt. Usha Bindumol,
Deputy Collector (Disaster Management),
Ernakulam.
- 3) Alternate Nodal Officer (Name): Sri. Anilkumar,
Huzur Sheristadar, Collectorate, Ernakulam
- 4) Observer (Name) & Organization: SI/Exe Kuljender Moun 4th 13n,
NDRF, Arakkonam
Tamil Nadu
- 5) What was the first reaction of the Nodal Officer/ Org. on receipt of information:
On 29.12.2022, at about 0917 hrs a telephonic message was received from Kanayannur Taluk office, at 0919 hrs from Kunnathunad Taluk office, at 0923 hrs from Aluva Taluk office and 0925 hrs from Paravur Taluk Office, at 0927 hrs from Muvattupuzha Taluk office that flash flood occurred due to heavy rainfall and requested KFRS team for Rescue and Evacuation. At 0934 hrs, message was received from Paravur Taluk

Office that chemical from Southern Minerals & Chemicals, Edayar plant contaminated the flood water which resulted in suffocation and drowning of a few employees.

As message received, Smt. Usha Bindumol, Deputy Collector immediately passed necessary directions to KFRS for Rescue and evacuation of the people from affected areas. Simultaneously, the same was conveyed to all responding agencies through DEOC.

- 6) What was their initial & subsequent assessment of the situation :
The emergency scenario of "FWR/Aquatic disaster" was simulated on 29.12.2022 at 0908 hrs located at five Taluks of Ernakulam district i.e. Aluva, Paravur,

Muvattupuzha, Kanayannur and Kunnathunad. The message of simulation was immediately communicated to DEOC, Ernakulam.

As per the scenario and pre-decided sequence of actions for the mobilization of teams from their respective bases KFRS, State police and Health Department reached at incident site; at 0931 hrs at Aluva, 0935 hrs at Paravur, 0938 hrs at Kunnathunad, 0938 at Muvattupuzha and 0939 hrs at Kanayannur. Immediately, State Police team and NGOs cordoned the surrounding area of the incident site & effectively managed the crowd. Simultaneously, KFRS started rescue ops.

As the situation became normal and in control of district resources, DDMA communicated with DEOC, Ernakulam as well as SEOC C/Room.

Well-equipped SAR teams of KFRS from their nearest fire stations immediately rushed to the incident spots of respective Taluks and after reaching incident site KFRS divided into 02 Task Forces i.e. Rescue and Evacuation and Logistic support team. Well trained Volunteers of NGOs and respective Taluk PHCs performed duty of the Medical sub-team. The rescue ops started immediately and KFRS

teams rescued 16 victims and evacuated a total of 430 people and shifted them to 5 shelter camps.

Operation closed by the incident commander at 1301 hrs by getting all clear messages from all concerned agencies.

7) Duties undertaken by the Team Leader (Give Details of duties):

Team commanders did scene size-up, briefed the situation and sequence of action at incident site to all the sub teams viz. Rescue and Evacuation teams, Cordoning team, Safety officer, Communication station, MFR station. After briefing team members, Team commanders ask safety officers to come forward and brief all team members about the safety of individuals and safety norms and emergency signals. KFRS teams rescued 16 victims from flash flooded locations of Ernakulam district, immediately performed triage of victims and as per their condition shifted them for higher medical care through ambulance.

8) Resources Available and carried for the specific tasks:

Disaster equipment like life-buoy, life jacket, cutter, improvised floating device such as water cane raft, rubber tube etc., Communication system, Emergency medicine kit with Ambulance, Fire tender, NGOs and volunteers were also available during the mock exercise.

9) Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75%Success/500/o Success/25% Success: Yes as per DM plan and their performance was 100% success.

10) Observer comments (overall opinion good practice and weakness/shortcomings noticed)

11)

Good practices:

➤ Participation of all the stakeholders makes it, to understand the role of each other. ➤ All concerned agencies and all of them played an active

role during Mock Exercise.

- Sufficient vehicles were available for proper transportation.
- All responding agencies did their roles in a very befitting manner.
- Medical staff handled the serious persons with proper precautions.
- The Police acted in a very efficient manner in crowd control and to maintain the route to designated Hospital traffic free.
- In addition to some flood rescue equipment such as boats, some improvised floating devices were also prepared and effectively utilized.
- Resource utilization done in a very befitting manner.

Shortcomings with suggestions

1. To enhance the capacity of the Search and Rescue (SAR) team, they should use new modern equipment such as drone technology for better surveillance of remote areas.
 2. Other than mobile phones, some other/ alternate means of communication such as Walkie-Talkie , VHF, Satellite phone, QDF and HAM radios should be included.
 3. Medical facilities like ambulances should be equipped with necessary and updated equipment.
 4. Air transport facility should be included.
 5. Timely reporting at the incident site and response as per plan needs to be improved.
-

29 DEC 2022

ALUVA TALUK

Report by Observer - Indian Navy

1. Emergency support function (e.g. Search & Rescue ; Medical ; Dead Body Management ; Restoration of --)

FLOODING - SEARCH AND RESCUE

2. Nodal Officer (Name)

Mr. SUNIL MATHEW

(INCIDENT COMMANDER)

3. Alternate Nodal Officer (Name)

SMT. SATHI KV

(DEPUTY INCIDENT COMMANDER)

4. Observer (Name) & Organization

PARDEEP KUMAR, SPXRI-3

INDIAN NAVY,

5. What was the first reaction of the Nodal officer/ Org on receipt of information

SUNIL MATHEW works as an Incident Commander. As he got the information regarding flood affected area (Thuvathu) Aluva intimate "Aluva" (Incident Response team) members to evacuate the personnel who comes to that area at 0930 hrs. The Nodal officer along with officials reached at incident site at 0954 hrs.

6. What was their initial & subsequent assessment of the situations

After observed the situation, 2 males were bedridden and 3 (2 females and 1 male) were suspected of Covid symptoms. Since no body was injured the 2 bed ridden people were shifted to camp situated at Chirattara Mahilalayam Public School in village, Kechimund Taluk, Aluva. Subsequently all the affected people were shifted to camp.

7. Duties undertaken by the Team Leader (Give details of duties),

The Team leader / Incident Commander gave information to IRS members to Act up on the emergency situation with necessary vehicles and equipments and also gave directions to the medical, fire and Rescue Team and local people on how to operate in the emergency.

8. Resources available and carried for the specific tasks.

- 1) Officials of Medical Dept. with Ambulance.
- 2) Ambulances from fire and Rescue Service
- 3) Additional Transport Vehicles are also available for shifting the people.
- 4) Rescue Boats, Life buoys.

9. Was the organisation able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success

The Organisation was able to carry out its assigned task in systematic way to evacuate the personnel. Their performance is >75% Successful. There was good way of co-ordination b/w the depts. A high level of hygiene maintained by Medical Camp. A good management of transport facilities by motor Vehicle Inspectors K.G. Biju.

10. Observers comments (Overall opinion, good Practice and Weakness/ short comings noticed)

Brief:- The Kerala State Disaster Management Authority (KSDMA) conduct a State-level mock drill. The mock drill organised in 'ALUVA' Ernakulam zone as per the instructions of the National Disaster Management Authority (NDMA). All government and Disaster response force related to Disaster management are present in IRT ALUVA cell. Flood-Risk mock drill is conducted in ALUVA, (Thuruth) Ernakulam. The preparedness to handle the scenarios arising out of release of excess water from rivers and evacuation of personnel is included in good manner during conduct of mock drill. The total 53 families resides in that affected region having 237 members, out of which childrens- 61, male - 84 & female - 99. Overall opinion for the drill is good and good practice by all the departments including in mock-drill.

Observations:-

- 1) On the Incident Site, there was no medical specialist. → medical officer was present only in medical camp.
- 2) No Emergency Room near to affected Area to give treatment for injured persons.
- 3) Observed Lack of life saving equipments like life saving jackets & jorts & rescue boats.
- 4) Deficiency of communication systems.

Overall opinion:-

- *) A good mock Drill practiced on by directive of Incident Commander (IC) - Sunil Mathew (Tahasildar of ALUVA Taluk) for Flood Rescue at Thuruth Village, ALUVA, Ernakulam.

Pandey
Pandey Kumar
EX-3(SD)
20/10/22

TALUK - KUNNATHUNAG

Date:- 29-12-22

Report by Observer - Indian Navy

1. Emergency support function (e.g. Search & Rescue ; Medical ; Dead Body Management ; Restoration of --)

Search & Rescue followed by medical attention to rescued personnel.

2. Nodal Officer (Name)

Mr. George (Tets/dan)

3. Alternate Nodal Officer (Name)

Mrs. Raheena (BDO)

4. Observer (Name) & Organization

MR Bhat (INDIAN NAVY).

5. What was the first reaction of the Nodal officer/ Org on receipt of information

Nodal officer received lead alert for heavy rainfall at 0930 hrs. A thorough briefing was carried out to all taluk level officials. Message received at 0937 hrs regarding somebody sinking. The nodal officer along with the other officials rushed to the scene of incident.

The following team officials were present:

Incident Commander, BDO, Circle Inspector of Police, motor vehicle inspector, Station officer fire & rescue, medical officer, PRD officials, village level officer, Informant officer, Panchayat officials.

6. What was their initial & subsequent assessment of the situations

The entire team led by Nodal officer rushed to the scene of incident. The fire and rescue personnel along with Gemini and lifebuoys were already stationed there. They swung into action and pulled out 03 personnel who were sinking. They were provided with initial first aid and CPR and were shifted to the nearest hospital. The action of the medical emergency team was prompt and professional. After thoroughly scanning the area, the fire and rescue team declared the area free of any further casualties.

7. Duties undertaken by the Team Leader (Give details of duties)

- Various duties undertaken by Team leader
1. Proper briefing of all talent level officials
 2. Taking charge at scene of incident and passing on necessary orders.
 3. Establishing the relief camp and
 4. Briefing the media about the various tasks being carried out.
 5. Debrief after completion of exercise and various limitations faced.

8. Resources available and carried for the specific tasks

1. 02 Ambulances
2. 01 Gemini with 02 lifebuoys, fire & rescue vehicle
3. Medical supplies (Abundant)
4. Medical Beds for casualties (04)
5. Separate hall earmarked for relief camp.
6. 02-04 extra vehicles from motor vehicle department.
7. Provision of food & medical facilities for evacuated persons.

9. Was the organisation able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success

The Organisation was very well able to take charge of the situation and took prompt steps to minimize further casualties. The medical facilities which were set up were upto the mark. The relief facilities for the evacuated personnel was upto the mark. The hygiene maintained was efficient.

Overall the success of the exercise can be rated greater than 75%

(> 75%)

- Communication System:
1. DEOC Email
 2. DEOC WhatsApp Group of KSDMA
 3. Hotline (Not available)
 4. Satellite Phones of DEOCs
 5. Mobile phones of DEOCs
 6. Toll free No's (1079, 1070, 1077, 1007)

10. Observers comments (Overall opinion, good Practice and Weakness/ short comings noticed)

The exercise was carried out in an efficient manner. Every official knew his job to be carried out. The setup was very well established and maintained.

→ The promptness of medical team was well above the mark.

→ The first aid & CPR given by the medical team at site of incident was very professional.

→ The response of Police department was efficient and the management was good.

OBSERVATIONS:-

- ① Late response of Fire & Rescue Team. It took them about 12 minutes to launch Gemini for search operations for the sinking Personnel.
- ② Ambulance reached the scene of incident a bit late from the time the incident was reported.
- ③ Each Ambulance had not a dedicated medical team. Only the ambulance which carried the initial casualty had a medical team with it.
- ④ Fire & Rescue Personnel were without life jackets while searching the area for casualties.
- ⑤ The situation room was kept un-attended when the report of Persons sinking came in. Everybody rushed towards the incident site. Some officials should have been kept back at situation room to take charge.
- ⑥ Motorola sets should be available in abundance.

11/10/20
Mr. Anil
Chatterjee
Inspector

PALAKKAD



INCIDENT RESPONSE TEAM (IRT) – PALAKKAD

1. Responsible Officer (RO) Chairperson, DDMA –in charge Manikandan K, Deputy Collector Disaster Management, Palakkad
- 2 Incident Commander (IC) Chief Executive Officer, DDMA (Deputy Collector DM/General) – Manikandan K, ADM, Palakkad
- 3 Deputy Incident Commander (DIC) - , Assistant Development Commissioner (General)- Ramadas
- 4 Operations Section Chief (OSC) - Gopinathan, Circle Inspector, Town South Police station Palakkad
- 5 Logistics Section Chief (LSC)– Manoj, RTO in charge
- 6 Planning Section Chief (PSC) – Hithesh, Station Office, Fire force, Palakkad
- 7 Safety Officer (SO) A Medical Officer nominated by District Medical Officer – Dr. Rajalakshmi, District Medical Office, Palakkad
- 8 Media Officer (MO) Information Officer (I & PRD)– Priya, District Information Officer
- 9 Liaison Officer (LO)– Akbar, Junior Superintendent, Natural Calamity, Palakkad
- 10 Information Officer (IO) in charge - Asha V K Menon, LSG DM Plan Coordinator, Palakkad
11. Local information Officer- Junia P J, Kerala Youth Leadership Academy (KYLA) Intern, Palakkad

Palakkad DDMA Events Co-ordinated

Sl. No	Taluk	Name of Site	Time of Event	Event Details	Evacuation details	Casualties/ Damages if any
1	Palakkad	Mayappara	9:55 am	Landslide at Mayappara, Malampuzha Grama Panchayat		<ul style="list-style-type: none"> • 2 persons • 1 person Admitted to District Hospital • 1 person admitted to PHC, Malampuzha
			10:30 am		18 families evacuated safely to camp in Holy Family LP School	
			11:15 am	Odannur bridge of Parell 2 Village flooded	15 families evacuated and moved to camp	
2	Chittur	Cherumkadu	10:19 am	Landslide occurred in Cherumkadu	3 families with 10 members evacuated and moved safely to Camp, VALPS Aluvassery	2 houses completely and 1 house partially destroyed under slide in Vailang Village

			11:04 am	One woman got trapped under land slide	Affected woman was rescued soon by fire force	One person named Abhilash was injured after a tree fell upon him. Abhilash is admitted to Nemmara Hospital
			12:31 pm			7 injuries reported with 3 of them having serious injuries
3	Alathur	Kattussery Veezhumala	10: 05 am	Landslide reported at Veezhumala		
			10:58 am	Casualty reported	13 families evacuated and moved safely to camp in Kattussery ALP School.	<ul style="list-style-type: none"> • 4 dead persons with 3 male and 1 female • 2 persons with minor injuries.
4	Mannarkkad	Vellathode	10:56 am	Landslide at Vellathode colony, Pottassery 1 village	5 families evacuated and moved safely to camp	2 persons with injury
5	Ottappalam	Melur Keezhpadam Colony	10:39 am	Landslide reported in Melur Keezhpadam colony, Ambalappara 2 village	5 families with 5 members moved safely to the relief camp at Melur LP School	2 persons admitted to Ambalappara PHC

PALAKKAD LANDSLIDE MOCK DRILL- EVENT DETAILS CONSOLIDATED

Sl.No	Name of Taluk	Casualty	Injury	Evacuation	No. of Camps	House damage	
						Partial	Full
1	Palakkad		2	33(18+15) families to camp	1		
2	Chittur		7	3 families	1	1	2
3	Alathur	4 { 3M + 1F }	2	13 families to camp	1		
4	Mannarkkad		2	5 families to camp	1		
5	Ottapalam		2	5 families(15 members)	1		
Total		4	15	59 families	5 camps	1	2

MOCK DRILL EXERCISE ON LANDSLIDE PALAKKAD DISTRICT

Date: 29-12-2022

TASK FORCE FORMAT

Task Force No.

1. Location of Incident : *DEOC Palakkad*
2. Supervisor : *ADM Palakkad*

	Name	Designation	Contact No.
Commander			
Dy Commander			

S.No	Composition	I/C Leader & Contact Details	Unit Size/Detail
1	NDRF	SI/Gr Ashish Kumar Singh C/O D Jinish P 04 Bn NDRF(A) Mob- 9608081036	SOs - 01 ORs - 01
2	SDRF		
3	District Police	Prathab MP Sub Inspector (Telecommunication) Pct 1941, (Communication officer) Pct 1925, SvcPo - 5950 (asc)	Tale - 34 (3+1)
4	CAPF	SI-SHAZI-C 88 BN BSF, THRISSUR Mb: 9461078234 8848947473	06 SOs

5	Medical Team	DR. RAJASHEKHAR Medical Officer DMO CH, Palakkad	5 medical team Kangasaptha fire Ambulance fire Ambulance fire THOT Ambulance fire
6	Ambulances	<ul style="list-style-type: none"> 1 ambulance deployed from Dit Palakkad 1 bus (Damon PKD) 25 seats arranged 	DEOR
7	Machinery/ICB/Equipment	—	
8	Telecommunication	Perthab. MB Sub Inspector PCW 1891, PCW 1925	3
9	Reporting/Documentation Team		
10	Home Guard		
11	Fire & Emergency Services Team	HIDESH R STATION OFFICER FIRE & RESCUE STATION KANJIKODE 9847711875	

12	Rescue Vehicle		
13	FACTORIES & BOILERS DEPARTMENT	A. KANNAIYAN DISTRICT OFFICER INSPECTOR OF FACTORIES & BOILERS, PALAKKAD.	Ph:- 9349846623 29/12/2022
14			

Mannarkkad

* 10.56 താലൂക്കിലെ വില്ലേജ്
 ഏ.എസ്.ടി.എസ്. റോഡ് കരിമ്പാ

അമ്പലമുക്ക്

2 പരക്ക

5 family - camp it otho aal

Sl No	Name of Taluk	Case	Injury	Evam	Household	
					P	F

Palakkad Taluk

* 9.55 - 2.13.00 PM - 2000

2000

2 casualty (1 district Hospital
1 PHE) Malappuram

* 10.30 - 18 2000 PM - 2000

Holy family L.P. school

* 11.15 2000 2 2000 2000
2000. 15 2000 2000
2000 2000.

Othappala

* 10.39 Bromelina 2 village
ഭൂമി കീഴിലും കോളനിലും (അമ്പലം)
ഉൾപ്പെടുന്നു

2 - casualty - Anapalpara PHE

* 1 camp - 5 family (15 No)
melur L.P school - കോളനിലും

inf

C. Alathur

1. വിദ്യാലയം പരീക്ഷ നടത്തുന്ന സമയത്ത് സംഭവിച്ചിരിക്കുന്ന
പ്രകടനം പരിശോധിക്കുക. (10.05)

* Casualty report നൽകിയത് 10-58
A death - 3 male, 1 F
2 injury - പരിക്ക് ഗുരുതരമല്ല

* 13 കുട്ടികൾക്ക് ക്യാമ്പ് ക്യാമ്പ് AEP school.
വിവിധ പരിപാടികൾ നടത്തുന്നു.

Chittur - 20300050

* 10.19 - 10 വർഷം 3 ദശകം
VALPS - മരിച്ചവർ.

* 2 മൃതദേഹങ്ങൾ 1 വിശദീകരണം
നൽകുന്നു. (വെസ്റ്റ് വില്ലേജ്)

* 11.04 - ഒരു കൂടി മരിച്ചവർക്കു -
Firearm വെട്ടേറ്റു.

* മരിച്ചവർ - 1 വർഷം, 1 വർഷം, 1 വർഷം
Nemara Hospital വെട്ടേറ്റു.

12.31. 1979 - 7 (3 വർഷം
4 -

Sl. No.	Name of Taluk	Death casualty	Injury	Evacuation	House damaged P. F
1.	Palakkad	- 2	2	336 people ① 1000 people (18) ② 2100 - 1000 (15) 7 (3 cases) 13 cases (3 families) serious VALPS	- 1
3.	Mannarkhad	-	2	5 families (150 people)	- -
4.	Alathur	4 deaths 3 male - 1 female	6	180 people ALPS (12 Males 6 children)	- -
5.	Offapalam	-	2	53 people (15 families) Melnur AP School M - 26 Fe - 24 Chi - 3 53	- - - 1

Mock exercise

- 1) ചിട്ടൂർ നാശം - വലുതായി വില്ലേജ് - Fully damaged 2
Partially damage - 1
- 2)

Camp details

1. ചിട്ടൂർ - വലുതായി - അയ്യപ്പേരി VALPS - 3 കുട്ടങ്ങൾ
10 പേർ
2. പെരുപ്പ - മലപ്പുറം - അയ്യപ്പേരി പോളിമെരിക്
പെരുപ്പ I വില്ലേജ് - 18 കുട്ടങ്ങൾ
ആയിരം മറ്റി പാർട്ടി.
3. മെലപ്പാലം - അയ്യപ്പേരി 2 വില്ലേജ് - മേലൂർ
കിഴ്പാടം കോളനി - LP school - 11 കുട്ടങ്ങൾ
ആയിരം - 26 കുട്ടങ്ങൾ - 24 കുട്ടങ്ങൾ - 53 പേർ
ആയിരം - 3 കുട്ടങ്ങൾ - 2 കുട്ടങ്ങൾ - 2 കുട്ടങ്ങൾ
- 4) അയ്യപ്പേരി - 4 വേർതിരി - 3 Male, 1 female
2 injuries. Cases
ആയിരം മറ്റി 18 ആയിരം - 12 കുട്ടങ്ങൾ
ALP school പോലും മറ്റി. 6 കുട്ടങ്ങൾ
പെരുപ്പേരി
- 5) മെലപ്പാലം നാശം - മെലപ്പാലം I വില്ലേജ്
മെലപ്പാലം കോളനി 10.56
മെലപ്പാലം 2 പേർ പെരുപ്പ. 5 കുട്ടങ്ങൾ
ആയിരം മറ്റി - 15 ആയിരം
- 6) പെരുപ്പ നാശം - പെരുപ്പ 2 വില്ലേജ്
മെലപ്പാലം കോളനി മെലപ്പാലം മെലപ്പാലം

Incident Command Post - DEOC ATTENDANCE

SL NO.	Name	Designation	Department	Phone number	Signature
1	Nazareth C	Dy. Tal. Revenue	Revenue	9495204539	Naz
2	Sreeja R	Sr clerk	Revenue	9961048677	Suf R
3	Ramesh Gopi S	clerk	Revenue	9445528257	Suf
4	Priya K	Distressed Information Officer	DRPD	628243973	Priya
5	20m20503 (R N K)	com. mnd	MND	9495763002	OM
6	Dr. Raghav Kumar	ADM. in civil comm	Revenue	8547610093	Kur
7	DR. RAJALAKSHMI	Medical officer	Dept. of health	8289880085	Rajal
8	Sudheer K	Sr. CPO	Kerala Police (Town South B)	9747718731	Sudheer
9	Hidish R	Station Officer	Fire & Rescue Services	9847711875	Hidish
10	SHAJI C	SI	BSP	9461078234	Shaji
11	Ashish Kumar Singh	SI/Gr	OMDRF(A)	9608081036	Ashish
12	Jinesh P	CI/ND	OMDRF(A)	9745766339	Jinesh
13	Asha V. K. Menon	LSG DM Play Coordinator Palkk	LSG DM and DM	8113062862	Asha

14	Jania P. J	KVCA Inker Palakkad	General Admini- stration Dept.	7034616154	<u>Sul</u>
15	Santhosh V	Jr. collector	Revenue	9446153732	<u>Sand</u>
16	Sree Latha P	Sr. clerk	Revenue	9446456071	<u>Sul</u>
17	VINOD M V	Geologist	Mining & Geology Dept. Office	9447387334	<u>Cheng</u>
18	A. Kannaiyem	Inspector of Factories & Boilers	Factories & Boilers, P.W.	9349846623	<u>Mye</u>
19	Pruthi M	Sub Inspector	Police	9446028826	<u>2</u>
20	Shameer S	PCH 1891	Police	9847464713	<u>Shameer</u>
21	Subin U	PCH 1925	Police	9633308489	<u>Subin</u>
22	Rajendran Pillai	HS	Revenue Collectorate	9447096003	<u>Raj</u>
23	SUDEEPHA VS	Sr. Clerk	Revenue Collectorate	9946337607	<u>Induction</u>
24	Leena P	Sr. clerk	Revenue Collectorate	9744936567	<u>Leena</u>
25	Geigi C. John	Sr. clerk	Revenue Collectorate	9496327658	<u>Ge</u>
26	Karikal M	Jr. Supdt.	Revenue Collectorate	9497632654	<u>Law</u>
27	Ruthi	CA	Revenue	5446527153	<u>Ruthi</u>
28	Somathi P. C.	Clerk	Revenue	8281224616	<u>P. C.</u>
29	Durga C	Sr. clerk	Revenue	9847682874	<u>W</u>

**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**


Date: 29-12-2022

ASSESSMENT SHEET FOR OBSERVER

Sl No.	Aspect	Observation/ Comment
1.	Emergency Support Function/ EOC Name	THRISSUR.
2.	Name of Nodal Officer	
3.	Name of Alternate Nodal Officer	
4.	Name of Observer	SI-SHAJI-C
	Name of Observer's organization	BSF
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	Nodal officer called an emergency meeting all other departments and coordinated the action to be taken with TSec

6.	Their initial & subsequent assessment of the situations?	All the stakeholders coordinated with their rep at different locations.
7.	Details of Duties undertaken by the Team Leader	All the team leaders actively participated and co-ordinated with their rep.
8.	Resources Available and utilized for the specific tasks	All resources are properly utilized for specific tasks.
9.	Was the organization able to carry out its assigned task?	100 % Success <input type="checkbox"/> 75 % Success <input checked="" type="checkbox"/> 50 % Success <input type="checkbox"/> 25 % Success <input type="checkbox"/>

10.	Observer's Comments	<p><i>Personal opinion</i> ① Small first Aid boxes be provided to rescue team. ② Portable oxygen cylinders be provided. Good management.</p> <p><i>Good practices</i> Speedy co-ordination with departments.</p> <p><i>Weakness/ Shortcomings noticed</i> Permanent wireless Radio set be installed at D.m. Sat phone required to be provided.</p>
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 29/12/22
 S. I. SHAJIC
 BSF.

**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

ASSESSMENT SHEET FOR OBSERVER

Sl No.	Aspect	Observation/ Comment
1.	Emergency Support Function/ EOC Name	Land slide mock Drill CHITTUR.
2.	Name of Nodal Officer	Asst Tesildar Sh. Bannan
3.	Name of Alternate Nodal Officer	Deputy Tesildar Smt Shiva Rani
4.	Name of Observer	ASI/GD KANWAR SINGH
	Name of Observer's organization	Border Security Force.
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	नोडल ऑफिसर के पास 10:48 मिनट पर कॉल आने पर, तत्काल सम्बन्धित रिम को ओपरेट किया, वीक किया और ड्रैव मैकेट किया, जिसमें प्रभिक स्क्वाड के सदस्यों के साथ आदी, सात व्यक्तियों को निकाला गया जिनमें 2 महिला, 5 आदमी हैं। जिनको Civil Hospital मिलानु रेखा दिया।

6.	Their initial & subsequent assessment of the situations?	all the stakeholders arrived at the incident point with their teams.
7.	Details of Duties undertaken by the Team Leader	The team leader split the whole team to 3 different groups and approved the proper direction and coordination the rescue operation.
8.	Resources Available and utilized for the specific tasks	JCB, Ambulance, medical Team, motor VEH, Dog, Sopal Conservation, Police, steacher, fire alarm VEH, Chain show, villagers and civil supply men,
9.	Was the organization able to carry out its assigned task?	100 % Success <input type="checkbox"/> 75 % Success <input checked="" type="checkbox"/> 50 % Success <input type="checkbox"/> 25 % Success <input type="checkbox"/>

10.	Observer's Comments	<p><i>Personal opinion</i> Coordination & whole operation is very well</p> <p><i>Good practices</i> 1. Search and Rescue method 2. Command and Communication / Grid 3. Staging of Camp and medical side post 100 were very fine.</p> <p><i>Weakness/ Shortcomings noticed</i> Access to the location was difficult</p>
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29/12/2022

**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

ASSESSMENT SHEET FOR OBSERVER

Sl No.	Aspect	Observation/ Comment
1.	Emergency Support Function/ EOC Name	TEOC. ALATHUR, PALAKKAD DIST. P. JANARDHANAN (INCIDENT COMMANDER)
2.	Name of Nodal Officer	MURALI MOHAN. R TAHSILDAR (LR)
3.	Name of Alternate Nodal Officer	JAYACHANDRAN. P DT (HQ)
4.	Name of Observer	ASI JAGAT SINGH
	Name of Observer's organization	BSF
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	INTIMATED ALL STAKE-HOLDERS VIZ, FIRE & RESCUE, POLICE, LSG Dept, HEALTH Dept, MVD, CIVIL SUPPLIES OVER PHONE

6.	Their initial & subsequent assessment of the situations?	ALL THE STAKEHOLDERS ARRIVED AT THE INCIDENT POINT WITH THEIR TEAMS.
7.	Details of Duties undertaken by the Team Leader	THE TEAM LEADER SPLIT THE WHOLE TEAM TO 3 DIFFERENT GROUPS AND PROVIDED WITH PROPER DIRECTIONS AND COORDINATED THE RESCUE OPERATIONS.
8.	Resources Available and utilized for the specific tasks	3 AMBULANCES, WITH STRETCHERS FOAM TENDER WITH ALL EQUIPMENTS, 3 CHAINSAWS, HYDRAULIC POWER UNIT, HYDRAULIC CUTTER, ROPES, HAMMERS, SHOVEL, CROW BAR, SPADE
9.	Was the organization able to carry out its assigned task?	100 % Success <input checked="" type="checkbox"/> 75 % Success <input type="checkbox"/> 50 % Success <input type="checkbox"/> 25 % Success <input type="checkbox"/>

10.	Observer's Comments	<p><i>Personal opinion</i></p> <p>COORDINATED THE WHOLE OPERATION VERY WELL, PERFORMANCE ON THE FIELD AND ACTIVITIES OF THE FORCES WERE EXECUTED PERFECTLY.</p> <hr/> <p><i>Good practices</i></p> <ol style="list-style-type: none"> 1. SEARCH AND RESCUE INJURED, 2. COMMUNICATION AND COMMANDING WERE GOOD. 3. STAGING OF CAMP AND MEDICAL AID POST, ICP WERE VERY FINE. <hr/> <p><i>Weakness/ Shortcomings noticed</i></p> <ol style="list-style-type: none"> 1. ACCESS TO THE LOCATION WAS DIFFICULT, 2. AVAILABILITY OF AMBULANCES ON TIME WAS DELAYED.
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King
29/12/22

**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

ASSESSMENT SHEET FOR OBSERVER

Sl No.	Aspect	Observation/ Comment
1.	Emergency Support Function/ EOC Name	Govt UP school, Pulikkal Kanjirappuzha, Vellathode Mannarkad
2.	Name of Nodal Officer	Sh. BalSushna mannyam Deputy collector (U)
3.	Name of Alternate Nodal Officer	Sh. BalKrishnan Tahasildar.
4.	Name of Observer	ASD/PH BISHNU PRASAD MOHAPATRA
	Name of Observer's organization	Bondar Security Force
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	After receipt of information, Fire Team, Ambulance Team quickly departed with supportive other staff to incident place Vellathode near S.T colony.

6.	Their initial & subsequent assessment of the situations?	Firstly Fire team has divided 2 parts one. (Search Party) (2) Rescue Party. after Search Party after searching they find one injured patient and call immediately to rescue team. Rescue team evaluated patient by ambulance. Then medical unit examined the patient.
7.	Details of Duties undertaken by the Team Leader	Team leader First briefing them troops and distributed task individually.
8.	Resources Available and utilized for the specific tasks	1) Fire safety vehicle 2) Ambulance 3) medical unit.
9.	Was the organization able to carry out its assigned task?	100 % Success <input type="checkbox"/> 75 % Success <input checked="" type="checkbox"/> 50 % Success <input type="checkbox"/> 25 % Success <input type="checkbox"/>

10.	Observer's Comments	<p><i>Personal opinion</i></p> <p>Good communication & co-ordinating in exercise, but some resources to be required to for better exercise in evacuation.</p> <p><i>Good practices</i></p> <p>1) Patient evacuation machine was good but require some medical equipment.</p> <p>2) To require improvement of medical unit.</p> <p><i>Weakness/ Shortcomings noticed</i></p> <p>1) Rescue team has no first aid kit, portable oxygen cylinder, & other equipments</p> <p>2) can to minimize time gap between searching & evacuation</p> <p>3) no Announce system is not available.</p>
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Sorabh
 29.12.22
 ASI PH B.P. MOHAMMIRA
 BSF

**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

ASSESSMENT SHEET FOR OBSERVER

Sl No.	Aspect	Observation/ Comment
1.	Emergency Support Function/ EOC Name	Holy Family School, Akamalarasam, Mayappara
2.	Name of Nodal Officer	Smt. Amrithavalli - DO RDO - Palakkad
3.	Name of Alternate Nodal Officer	T. Radhakrishnan. Tasildar Addl. Sudhakaran
4.	Name of Observer	ASI. Md. Haxhat Ali
	Name of Observer's organization	B. S. F (Border Security Force)
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	Informed to the all police dept, public and civilians.

6.	Their initial & subsequent assessment of the situations?	All officers, Members, are arrived on the incident place with their team and Equipments.
7.	Details of Duties undertaken by the Team Leader	The Team leader brief to the all team and arrange proper Instructions and Coordinated to the rescue operation.
8.	Resources Available and utilized for the specific tasks	Sufficient ambulance with proper stretchers and Equipments, ^{Tree} cutting Machinery, Tools all type are available.
9.	Was the organization able to carry out its assigned task?	100 % Success <input type="checkbox"/> 75 % Success <input checked="" type="checkbox"/> 50 % Success <input type="checkbox"/> 25 % Success <input type="checkbox"/>

10.	Observer's Comments	<p><i>Personal opinion</i></p> <p>Performance of the whole teams are very good.</p> <hr/> <p><i>Good practices</i></p> <p>Performance of medical teams as well as rescue parties.</p> <hr/> <p><i>Weakness/ Shortcomings noticed</i></p> <p>Announcing and communication systems need to be improvements.</p>
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**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

SELF ASSESSMENT- MANOJ K. JRTD

Sl No.	Aspect	Observation/ Comment
1	Name of the Organization/ Department	MOTOR VEHICLES DEPT. PALAKKAD
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	LOGISTIC.
3	Name of Team Leader	MANOJ K.
4	Designation in the Exercise and in parent organization.	LOGISTIC SECTION CHIEF
5	Time, Source and Contents of First Message about Incident received and communication mode.	Time: 9. Source: RO. Contents: LANDSLIDE INFO.

6	Action taken by the Team Leader in response to critical situations, in gist.	COMMUNICATED TO ALL FOR I.R.
7	Further action taken by the recipients / stakeholders.	INCIDENT RESPONSE WAS EFFECTED WITHOUT DELAY IN TIME AND FACILITATED LOGISTIC SUPPORT EFFECTIVELY.
8	When did the Stakeholder/ representative arrive at EOC/ ICP	IN TIME.
9	Manpower Resources available and how much manpower carried to ICP?	SUFFICIENT.
10	Equipment Material Carried.	SUFFICIENT.

11	Vehicle brought (types):-	
	(a) For use of EOC / Rescue & Relief Work.	ALL
	(b) For personal use	YES.
12.	Difficulties faced.	<ul style="list-style-type: none"> • NIL. • •
13	Support Agencies available.	ALL. I GENGAR PUBLIC.
14	What was your contribution in the Mock Drill?	COORDINATION OF ALL STAFF FOR LOGISTICS

15	Learning from Mock Drill.	EFFICIENCY IN CRISIS MGMT. INCREASED.
16	Suggestions for improvement.	• — • • •
17	Other comments if any	—

Chen

Mangik

JH 010 (JL 021)

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**MOCK DRILL EXERCISE ON LANDSLIDE
PALAKKAD DISTRICT**

Date: 29-12-2022

SELF ASSESSMENT- *Telecommunications Police*

Sl No.	Aspect	Observation/ Comment
1	Name of the Organization/ Department	<i>Police Telecommunications unit</i>
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	<i>Communications</i>
3	Name of Team Leader	<i>Prathab. NP</i>
4	Designation in the Exercise and in parent organization.	<i>Sub Inspector (Tele)</i>
5	Time, Source and Contents of First Message about Incident received and communication mode.	Time: <i>0900 hrs</i> Source: Contents: <i>VHF mode of communication</i>

6	Action taken by the Team Leader in response to critical situations, in gist.	message passed to district central room (Police Control)
7	Further action taken by the recipients / stakeholders.	message passed to concerned ^{concerned} Station (ISHo)
8	When did the Stakeholder/ representative arrive at EOC/ ICP	
9	Manpower Resources available and how much manpower carried to ICP?	
10	Equipment Material Carried.	Station mobile by VHP & PA system

11	Vehicle brought (types):-	
	(a) For use of EOC / Rescue & Relief Work.	
	(b) For personal use	
12.	Difficulties faced.	<ul style="list-style-type: none"> • • • •
13	Support Agencies available.	
14	What was your contribution in the Mock Drill?	

15	Learning from Mock Drill.	
16	Suggestions for improvement.	<ul style="list-style-type: none"> • • • •
17	Other comments if any	Information passed timely by VHF

MOCK DRILL EXERCISE ON LANDSLIDE PALAKKAD DISTRICT

Date: 29-12-2022

SELF ASSESSMENT-



Sl No.	Aspect	Observation/ Comment
1	Name of the Organization/ Department	Department of Health Service
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	Emergency - Medical care - Relief camp activities
3	Name of Team Leader	Dr Reetha KP, Dept. of Health Service (DHO)
4	Designation in the Exercise and in parent organization.	Safety officer
5	Time, Source and Contents of First Message about Incident received and communication mode.	Time: 9:15 AM Source: Incident command officer Contents: Red alert issued by DHO in view of heavy rains communicated through phone, whatsapp and e-mail.

6	Action taken by the Team Leader in response to critical situations, in gist.	The information received by DMO → notified to safety officer appointed by DMO → Immediate dissemination of information to peripheral institutions for preparedness of emergency activities & camps. Major tertiary care hospitals - to reserve 10% bed capacity to meet emergency crisis situation from
7	Further action taken by the recipients / stakeholders.	
8	When did the Stakeholder/ representative arrive at EOC/ ICP	
9	Manpower Resources available and how much manpower carried to ICP?	<p>Medic aid post - 1 MO & medical & paramedical person at 5 sites</p> <ul style="list-style-type: none"> - Ambulance - manned & DIT pilot - Bus E capacity of 25 from DMO is arranged to meet the necessary demands
10	Equipment Material Carried.	<p>Medic aid post: Tertiary Facility</p> <ul style="list-style-type: none"> - Emergency medical care drugs and equipment <p>Carried out to medical aid post.</p>

11	Vehicle brought (types):-	
	(a) For use of EOC / Rescue & Relief Work.	
	(b) For personal use	
12.	Difficulties faced.	<ul style="list-style-type: none"> • • • •
13	Support Agencies available.	
14	What was your contribution in the Mock Drill?	<p>Safety officer : Manage and coordinate the emergency medical care services and first aid activities -</p>



15	Learning from Mock Drill.	<ul style="list-style-type: none"> - Teams work (working as a pos of team) - How to respond immediately when an event happens - The effect of intersectoral co-ordination was on acting together in case of emergency
16	Suggestions for improvement.	<ul style="list-style-type: none"> • In real scenarios, usually the concept of medical aid post doesn't apply - • But it is a good concept to introduce the concept of medical aid post so that emergency care warranting persons can be shifted to hospitals without fail.
17	Other comments if any	<p>Handson</p> <ul style="list-style-type: none"> - Training required at each level and for each department to enhance their skills (Triage, First aid, Pt. transportation)

PATHANAMTHITTA

	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Structure formed KST, and other for cyclonic and other for Patient Emergency and available the existing police and fire team --
2. Nodal Officer (Name)	SA: Gopakumar. P. A De, PPA
3. Alternate Nodal Officer (Name)	SA: Gopakumar. P. A De, PPA
4. Observer (Name) & Organization	INS: VIK SASI (CRPS)
5. What was the first reaction of the Nodal Officer/Org on receipt of information	When there have a flood in the pathanamthitta I was me has on ground community on the left and from medical team and all go to come from the pathanamthitta station
6. What was their initial & subsequent assessment of the situations	After the msg. was passed the flood team come to the spot and build up the disaster emergency car and team come
7. Duties undertaken by the Team Leader (Give details of duties)	After the msg. passed the leader was come on the spot and all the team come to save the people immediately
8. Resources Available and carried for the specific tasks	Ambulance - 02 - 02 - 02 ROP Structure - medical team on motor vehicle - 04 police - 19 fire team - 15 volunteer - 20 come to the flood area
9. Was the organization able to carry out its assigned task? How would you assess their performance	



100% Success / 75% Success / 50% Success / 25% Success	The organization was carried its assigned task 100% success
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	The method of conducting the work was carried out well. Documented and noted for the future to not do error on

	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	fire and rescue team, Health dept, state police, revenue, deputy collector, Tahsildar, village officer and ambulance also.
2. Nodal Officer (Name)	Shri. Gopakumar T.G. CEO DDMA deputy collector
3. Alternate Nodal Officer (Name)	Shri. moham kumar Nair Kozhanchery (Tahsildar)
4. Observer (Name) & Organization	FI/NO: 971220305 HC/GO Shibu KT
5. What was the first reaction of the Nodal Officer/Org on receipt of information	Information passed to fire and rescue team, state police, Health dept P.W.D and K.S.E.B. also.
6. What was their initial & subsequent assessment of the situations	Rescue and squa party advanced to affected area then escaped casualty persons and other civil persons with property.
7. Duties undertaken by the Team Leader (Give details of duties)	Nodal officer ordered to Rescue, squa team safety escape from people and animals from flood area.
8. Resources Available and carried for the specific tasks	fire and Rescue team brought all equipments, ambulance, medical staff, emergency vehicle P.W.D, staff, Revenue, and other dept also participated.
9. Was the organization able to carry out its assigned task? How would you assess their performance	good. all teams participated better level.



100% Success / 75% Success / 50% Success / 25% Success	80% Success
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	over all rock drill good preparation

Date . 29/12/22
place. chennerkara
Time. 9:45 Am.

	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	structure first aid kit, oxygen cylinder, manimala health centre for patient, ambulance are available on the location. search and rescue teams.
2. Nodal Officer (Name)	Sd. JOHN VAROHEESE . P (THASILDAR)
3. Alternate Nodal Officer (Name)	E.D. BIJU (SHO) PULIKKEEZHU
4. Observer (Name) & Organization	ANISH R.S (CRPF)
5. What was the first reaction of the Nodal Officer/Org on receipt of information	When there is a heavy flood in the manimala river the msg has gotten and the commander alerted ^{at} the rescue teams and medical teams and all officers to come on the particular field.
6. What was their initial & subsequent assessment of the situations	After the msg was passed the rescue team came to the spot and suddenly ^{fire broke the} taken, capsize boat and rescue the public and suddenly sent to the ambulance for further treatment.
7. Duties undertaken by the Team Leader (Give details of duties)	After the msg passed the team leader was comes on the spot ^{spot} and commanding all the rescue teams to save the public immediately.
8. Resources Available and carried for the specific tasks	Ambulance -02, Boat -02, Rope, structure, medical team -09 motor vehicle -04, Police -16, Fire force -15, volunteers -20, Revenue -12, Floating instruments.
9. Was the organization able to carry out its assigned task? How would you assess their performance	

100% Success / 75% Success / 50% Success / 25% Success	The organisation was carried its assigned task 100% success.
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	The method of conducting the mock exercise is 100% perfect and all the rescue teams are well practised and more helpful to the publics.

	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Fire and Rescue, Ambulance are available in location. Civilian community health center arrange most of Patient structure, First Aid kit, Oxygen cylinder and other equipment
2. Nodal Officer (Name)	SH. GOPAKUMAR . T . S DEPUTY COLLECTOR PATHANAMTHITTA
3. Alternate Nodal Officer (Name)	KUNJACHAN . L THAHASILDAR, KONNI
4. Observer (Name) & Organization	AS/UD NP. Jayaprakash GIC CRPF PPM
5. What was the first reaction of the Nodal Officer/Org on receipt of information	On receipt of confirmation Red Alert declared and ordered to move the rescue operation team to location immediately Fire Force, Hosp staff and Police reached the location
6. What was their initial & subsequent assessment of the situations	As ordered the team including Fire Force, Hospital staff, State Police public started rescue operation on fire affected area due to shortage fire
7. Duties undertaken by the Team Leader (Give details of duties)	Force staff and vehicle team reached flood area location late there also located other club. 7) Information passed to RS team member and control all location
8. Resources Available and carried for the specific tasks	Arrange most of Rescue Ambulance structure, Rope Tube, cutter, Oxygen mask Ladder
9. Was the organization able to carry out its assigned task? How would you assess their performance	Yes, Team performance are very good.

100% Success / 75% Success / 50% Success / 25% Success	90% Success.
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	Mock Drill very good.

KOTTAYAM

കോട്ടയം ജില്ലയിൽ 5 സ്ഥലങ്ങളിലായി നടത്തിയ മോക്ക് ഡ്രില്ലിന്റെ റിപ്പോർട്ട്

ദുരന്ത മുന്നൊരുക്കങ്ങളുടെയും പ്രതികരണ ശേഷി മെച്ചപ്പെടുത്തുന്നതിന്റെയും ഭാഗമായി കോട്ടയം ജില്ലയിൽ ഒട്ടാകെ 29 ഡിസംബർ 2022 നു മോക്ക് ഡ്രില്ലുകൾ സംഘടിപ്പിച്ചു. പരിപാടിയുടെ വിജയകരമായ നടത്തിപ്പിലേക്കായി വിവിധ വകുപ്പുകളുടെ യോഗം വിളിച്ച് ചോർക്കയും മോക്ക് ഡ്രില്ലിൽ അവരവരുടെ റോളുകൾ എന്തെല്ലാം ആണ് എന്നത് സംബന്ധിച്ച വ്യക്തത മുൻകൂറായി നൽകുകയും ചെയ്തിരുന്നു. സംസ്ഥാന തലത്തിൽ 27 ഡിസംബർ 2022 നു സംഘടിപ്പിച്ച ടേബിൾ ടോപ്പ് എക്സർസൈസിലെ പങ്കാളിത്തം കൊണ്ട് വിഷയവുമായി ബന്ധപ്പെട്ട് പ്രത്യേകം വ്യക്തതകൾ എന്തൊക്കെ എന്നത് സംബന്ധിച്ച അവഗാഹം ഉണ്ടാക്കിയെടുക്കാനായി. വിവിധ ആപത്ത് വ്യവസ്ഥകൾ ജില്ലയിലെ വിവിധ താലൂക്കുകളിലായി ഇപ്രകാരത്തിൽ വിവിധ വകുപ്പുകളുടെ ഏകോപനവും പ്രതികരണ ശേഷിയും പരീക്ഷിക്കാനും തീർച്ചിയാണെന്നും ഈ ഒരു അവസരത്തിൽ സാധിച്ച 9 കണിയോട് കൂടി തുടങ്ങിയ മോക്ക് ഡ്രില്ലുകൾ 12.45 കണിയോട് കൂടി അവസാനിച്ചു.

Sl No.	Place Name for Mock Exercise	Panchayath	Taluk	Name of Building for ICP	Name of Building for Staging Area	Name of Building for Medical Aid Post
1	JJ Murphay Memorial School, Yendayar, Kootickal	Kootickal	Kanjirappally	JJ Murphay Memorial School, Yendayar, Kootickal	JJ Murphay Memorial School, Yendayar, Kootickal	JJ Murphay Memorial School, Yendayar, Kootickal
2	Govt. U School, Thiruvappu	Thiruvappu	Kottayam	Taluk Office Kottayam	Right Side of Govt. U School	Govt. U School, Thiruvappu
3	St.Mary HSS Vallaokm	Udayanapuram	Vaikom	St.Mary HSS Vallaokm	St.Mary HSS Vallaokm	St.Mary HSS Vallaokm
4	Kidangur	Kidangur	Meenachil	Fitness International Gym, Pala	Fitness International Gym, Pala	GLPS, Pirayar, Kidangur
5	Pala Town	Pala Municipality	Meenachil	Fitness International Gym, Pala	Fitness International Gym, Pala	Fitness International Gym, Pala
6	Paral, Vazhappally West Village	Vazhappally	Changanacherry	Vivekananda School, Paral	Vivekananda School, Paral	Govt. Model HSS Changanacherry

കാഞ്ഞിരപ്പള്ളി താലൂക്ക്

Taluk	Kottayam
Scenario	Flood
No. of casualties	1
Moved to hospital	1
Time at which information was received	9.03 AM
Time at which IRS convened	9.07 AM
Time at which rescue was completed	11.30 AM
No. of people evacuated	33
No. of deaths	0
Camp	1

രാവിലെ 9.07 നോട് കൂടി ജില്ലാ എമർജൻസി ഓപ്പറേറ്റീവ് സെന്ററിൽ നിന്ന് അലേർട്ട് പ്രഖ്യാപിക്കുകയുണ്ടായി. 9.25 ന് കൂട്ടിക്കൽ വില്ലേജിലെ അഞ്ചുതളി ഓരോ ഭാഗത്ത് രഞ്ചിപ്പൊട്ടൽ ഉണ്ടായി. 20 ഓളം കുടുംബങ്ങൾ കൂട്ടി കിടക്കുന്നതായി കൂട്ടിക്കൽ വില്ലേജ് ഓഫീസർ ഫോണിലൂടെ അറിയിച്ചു. 9.27-ഓട്ടം കൂടി ഇൻസിഡന്റ് കമാന്ററുടെ നേതൃത്വത്തിൽ ഫയർ ഫോർസ്, പോലീസ്, മെഡിക്കൽ, പഞ്ചായത്ത്, മോട്ടോർ വകുപ്പ് തുടങ്ങിയവരുടെ IRS ന്റെ ഇപ്രകാരത്തെയും 9.34 ഓട്ടുകൂടി സംഭവസ്ഥലത്ത് എത്തിച്ചേരുകയുണ്ടായി. 10.00 കണിയോടുകൂടി ഇറക്കുമതികൾ

നടപടികൾ പൂർത്തീകരിക്കുകയും സംഭവസ്ഥലത്ത് നിന്ന് 28 പേരെ കൂട്ടിക്കൽ ജെ ജെ മർഫി ഹയർസെക്കണ്ടറി സ്കൂളിലെ ദുരിതാശ്വാസ ക്യാമ്പിൽ എത്തിച്ചു. ഇതിൽ 18 കൂട്ടികളും 9 സ്ത്രീകളും 1 പുരുഷനും ഉൾപ്പെടുന്നു. പത്തുക്കൂട്ടി 3 പേരെ മെഡിക്കൽ എയ്ഡ് പോസ്റ്റിലേക്ക് മാറ്റുകയും First Aid നൽകുകയും ചെയ്തു. അതിൽ 2 പേരെ 10.0 മണിയോടുകൂടി കാഞ്ഞിരപ്പള്ളി താലൂക്ക് ആശുപത്രിയിൽ പ്രവേശിപ്പിച്ചു. 10.00 മണിക്ക് രക്ഷാപ്രവർത്തനങ്ങൾ അവസാനിച്ചു. 10.50 നു ഇൻസിഡൻ്റ് കമാൻ്റ് ഡീബ്രീഫിംഗ് നടത്തി മോക്ക് ഡ്രിൽ അവസാനിപ്പിച്ചതായി അറിയിച്ചു.

വൈക്കം താലൂക്ക്

Taluk	Vaikom
Scenario	Flood
No. of casualties	0
Moved to hospital	0
Time at which information was received	9.18 AM
Time at which IRS convened	9.20 AM
Time at which rescue was completed	12.00 PM
No. of people evacuated	52
No. of deaths	0
Camp	1

വൈക്കം താലൂക്കിലെ ഉദയനാപുരം വില്ലേജ് പരിധിയിൽ വെള്ളപ്പൊക്കവുമായി ബന്ധപ്പെട്ടുള്ള മോക്ക് ഡ്രിൽ സംഘടിപ്പിച്ചിട്ടുള്ളതാണ്. 29 ഡിസംബർ 2022 ന് ശക്തമായ മഴയെ തുടർന്ന് കാലാവസ്ഥ വകുപ്പ് റെഡ് അലർട്ട് പ്രഖ്യാപിക്കുകയും ചെയ്തിരുന്നു. അന്നേ ദിവസം രാവിലെ 9 മണിയോടെ ശക്തമായ മഴയെ തുടർന്ന് വൈക്കം താലൂക്കിലെ ഉദയാപുരം വില്ലേജ് പരിധിയിലെ താഴ്വര പ്രദേശമായ വാഴമന ഭാഗത്ത് വെള്ളപ്പൊക്കം രൂക്ഷമാകുന്നു എന്ന അറിയിപ്പ് ലഭിച്ചതിനെ തുടർന്ന് Incident commander & തഹസിൽദാർ

വൈക്കം IRS team ന് അടിയന്തിര നിർദ്ദേശം നൽകുകയും IRS ടീം സംഭവസ്ഥലത്ത് എത്തുകയും വാഴമന ഭാഗത്തുനിന്ന് കടുംബങ്ങളെ ഉദയനാപുരം പഞ്ചായത്തിലെ സെന്റ് മേരീസ് ഹയർ സെക്കന്ററി സ്കൂൾ ക്യാമ്പിലേക്ക് മാറ്റിപ്പാർപ്പിക്കുകയും ചെയ്തു. വെള്ളപ്പൊക്കത്തെ തുടർന്ന് 29 കടുംബങ്ങളിലെ 52 ആളുകളെയാണ് ടി ക്യാമ്പിലേക്ക് മാറ്റി പാർപ്പിച്ചത്. ക്യാമ്പിലേക്ക് ആവശ്യമായ സഞ്ചികരണങ്ങൾ വിജ്ഞാപനം പഞ്ചായത്ത് അധികൃതരും ചേർന്ന് ശ്രമിക്കുകയും മെഡിക്കൽ എയ്ഡ് പോസ്റ്റ് ബന്ധപ്പെട്ട PHC യിൽ നിന്നും സഞ്ചികരിച്ചിരുന്നതുമാണ്. IRS team, വില്ലേജ്, പഞ്ചായത്ത് വോളന്റിയർ എന്നിവരുടെ സഹായോപിത ഇടപെടൽ ടി ദുരന്തത്തെ നേരിടുന്നതിൽ പ്രധാന പങ്കു വഹിച്ചിട്ടുള്ളതാണ്. ഉച്ചയ്ക്ക് 11.50 ന് റെഡ് അലർട്ട് പിൻവലിച്ച സാഹചര്യത്തിൽ വിലയിരുത്തൽ നടത്തി 12 മണിയോടുകൂടി ക്യാമ്പിൽ നിന്ന് ആളുകളെ സ്വഭവനങ്ങളിലേക്ക് സുരക്ഷിതമായി മാറ്റുകയും ചെയ്തിട്ടുള്ളതാണ്.

കോട്ടയം താലൂക്ക്

Taluk	Kottayam
Scenario	Flood
No. of casualties	1
Moved to hospital	1
Time at which information was received	9.03 AM
Time at which IRS convened	9.07 AM
Time at which rescue was completed	11.30 AM
No. of people evacuated	33
No. of deaths	0
Camp	1

കനത്ത മഴയെതുടർന്ന് 29 ഡിസംബർ 2022 ൽ മീനച്ചിമാറിൽ വെള്ളം കര കവിയുകയും കോട്ടയം താലൂക്കിന്റെ പടിഞ്ഞാറൻ മേഖലയിലുള്ള തിരുവാർപ്പ് വില്ലേജിൽപ്പെട്ട മാധവശ്ശേരി കോളനിയിൽ വെള്ളം ഇരച്ചുകയറുകയും കോളനിയിലെ 35 കടുംബങ്ങൾ വെള്ളപ്പൊക്കത്തിൽ അകപ്പെടുകയും ചെയ്തു. 18 വീടുകളിൽ വെള്ളം രൂക്ഷമായി കയറിയതിനെ തുടർന്ന് കോട്ടയം തഹസിൽദാർ കൂടിയായ ഇൻസിഡൻ്റ് കമാൻഡറുടെ നിർദ്ദേശത്തെതുടർന്ന് റവന്യൂ വകുപ്പിന്റെ നേതൃത്വത്തിൽ ഫയർഫോഴ്സ്, പോലീസ് എന്നീ വകുപ്പുകൾ ചേർന്ന് ഈ കടുംബങ്ങളിൽപ്പെട്ട 32 അംഗങ്ങളെ

തിരുവാർപ്പ് ഗവൺമെന്റ് യു പി സ്കൂളിൽ പഞ്ചായത്തിന്റെ നേതൃത്വത്തിൽ ശ്രമിക്കപ്പെട്ടുള്ള ദുരിതാശ്വാസ ക്യാമ്പിലേക്ക് മാറ്റുകയുണ്ടായി. ദുരിതാശ്വാസ ക്യാമ്പിനോടനുബന്ധിച്ച് മെഡിക്കൽ Aid Post സംവിധാനം

എർപ്പെടുത്തിയിരുന്നു. ശാരീരിക അവശതകൾ നേരിട്ട ഗർഭിണിയായ സ്ത്രീയെ ഫയർ ഹോസ്റ്റ് ഉദ്യോഗസ്ഥരും വോളണ്ടിയർമാരും ചേർന്ന് റെസ്ക് ചെയ്ത് സ്പെഷ്യാലിന്റെ സഹായത്തോടുകൂടി രക്ഷപ്പെടുത്തി. മുറിക്കുള്ളിൽ കടുങ്ങിപ്പോയ മധുവയസ്സുനെയും 3 വയസ്സുള്ള കുട്ടിയെയും, ഇരുനില വീടിന്റെ ഉള്ളിൽ കടുങ്ങിപ്പോയ ഒരാളെയും പ്രതികൂല സാഹചര്യങ്ങളോട് പൊതതി രക്ഷപ്പെടുത്തുകയുണ്ടായി. ഇവരെ പിന്നീട് PHC തിരുവാർപ്പിലേക്ക് മാറ്റിയിട്ടുള്ളതാണ്. തിരുവാർപ്പ് ക്ഷേത്രങ്ങളിൽ വീണ് മൂങ്ങിത്താഴ് വ്യക്തിയെ ലൈഫ് ട്രൂപ്പ്, ഡിങ്കി ബോട്ട് എന്നിവയുടെ സഹായത്തോടെ രക്ഷപ്പെടുത്തി പ്രാഥമിക ശുശ്രൂഷ നൽകി.

മുതിരാശാസ ക്യാമ്പ് പ്രവർത്തിക്കുന്ന ഗവൺമെന്റ് യു.പി സ്കൂൾ, തിരുവാർപ്പിൽ മെഡിക്കൽ സംഘം പരിശോധന നടത്തിയതിൽ ഹൃദ്രോഗിയായ 53 വയസ്സുകാരനെ രക്ഷാതി സമ്മർദ്ദത്തെത്തുടർന്ന് രോഗം മുർച്ഛിതയായി കണ്ടെത്തിയതിനെ തുടർന്ന്, ഡോക്ടറുടെ നിർദ്ദേശപ്രകാരം ആംബുലൻസിൽ ജില്ലാ ആശുപത്രിയിലേക്ക് മാറിയിട്ടുള്ളതാണ്. നിർദ്ദേശപ്രകാരം ജില്ലാ ആശുപത്രിയിൽ 10% ബെഡുകൾ റിസർവ് ചെയ്തിട്ടുണ്ടായിരുന്നു.

മുതിരാശാസ ക്യാമ്പിലെ അന്തേവാസികളുടെ ക്ഷേമത്തിനായി ക്യാമ്പ് ഓഫീസറെയും 3 അംഗ വെൽഫെയർ കമ്മിറ്റിയെയും തിരഞ്ഞെടുത്തിട്ടുണ്ട്. ക്യാമ്പിൽ ഭക്ഷണം, കുടിവെള്ളം, ശൗചാലയം എന്നിവ ക്രമീകരിക്കുന്നതിനായി പഞ്ചായത്തിനെ ചുമതലപ്പെടുത്തുകയും ചെയ്തു. റെഡ് അലേർട്ട് പിന്നവലിച്ചതുമൂലം 12.25 നു ക്യാമ്പുകൾ പീൻവലിക്കാൻ അറിയിപ്പ് ലഭിച്ചതിനെ തുടർന്ന് ഡിബ്രീഫിങ് നടത്തുകയും 12.45 ഓട്ട കൂടി മോക്ക് ഡ്രിൽ അവസാനിക്കുകയും ചെയ്തു.

ചങ്ങനാശ്ശേരി താലൂക്ക്

Taluk	Changanassery
Scenario	Flood
No. of casualties	2
Moved to hospital	2
Time at which information was received	9.45 AM
Time at which IRS convened	9.47 AM
Time at which rescue was completed	11.00 AM
No. of people evacuated	62
No. of deaths	0

29 ഡിസംബർ 2022 നു തെക്കുപടിഞ്ഞാറൻ അറബിക്കടലിൽ രൂപപ്പെട്ട സൂനമർദ്ദം ശക്തി പ്രാപിക്കുന്നതായും വരും മണിക്കൂറുകളിൽ മഴ ശക്തിപ്പെടാൻ സാധ്യത ഉള്ളതായും കാലാവസ്ഥ വകുപ്പിന്റെ അറിയിപ്പ് (DOMA യിൽ നിന്നും ലഭിച്ചിട്ടുള്ളതാണ്). പെട്ടെന്നുണ്ടായ കാലാവസ്ഥ വ്യതിയാനത്തിന്റെ ഭാഗമായി ചങ്ങനാശ്ശേരി താലൂക്കിൽ വാഴപ്പള്ളി പടിഞ്ഞാറ് വില്ലേജിൽ പറാൽ വിഭവകാനന സ്കൂൾ പരിസരത്ത് വെള്ളപ്പൊക്കം ഉണ്ടായിട്ടുള്ളതും ടി സ്കൂളിലെ കുട്ടികൾ സ്കൂളിൽ അകപ്പെട്ടു പോയിട്ടുള്ളതുമാണ്. കുട്ടികളെ അടിയന്തിരമായി

രക്ഷിക്കണമെന്ന സന്ദേശം താലൂക്ക് കൺട്രോൾ റൂമിൽ ലഭിച്ച ഉടൻ തന്നെ ഇൻസിഡന്റ് കമാൻഡർ കൂടിയായ തഹസീൽ ദാരുടെ നേതൃത്വത്തിൽ ഫയർ & റെസ്ക് സർവീസ്, പോലീസ് സേനാംഗങ്ങൾ ഉൾപ്പെടെയുള്ള ടീം ബ്ലോക്ക്വറുടെ സാന്നിധ്യത്തിൽ സ്കൂളിൽ എത്തിച്ചേർന്ന് സ്കൂളിൽ അകപ്പെട്ടു പോയ 50 ഓളം കുട്ടികളെയും 6 അദ്ധ്യാപകരെയും രക്ഷാപ്രവർത്തനം നടത്തി രക്ഷപ്പെടുത്തി ചങ്ങനാശ്ശേരി മോഡൽ ഹയർസെക്കൻഡറി സ്കൂളിൽ പ്രത്യേകം ക്രമീകരിച്ചിട്ടുള്ള ക്യാമ്പിലേക്ക് മാറ്റി മെഡിക്കൽ സഹായവും ഭക്ഷണവും നൽകുകയും ചെയ്തു.

വാഴപ്പള്ളി പടിഞ്ഞാറ് വില്ലേജിൽപ്പെട്ട കരംകരി ഫാലത്തിനു സമീപം വെള്ളപ്പൊക്കം ബാധിക്കുന്ന രണ്ട് ചെറിയ വീടുകളിൽ അകപ്പെട്ടുപോയ കുടുംബാംഗങ്ങളെ ഫയർ & റെസ്ക് സർവീസ് പോലീസ്, സന്നദ്ധ സേനാംഗങ്ങൾ എന്നിവരുടെ നേതൃത്വത്തിൽ രക്ഷാപ്രവർത്തനം നടത്തി രക്ഷപ്പെടുത്തി ചങ്ങനാശ്ശേരി മോഡൽ ഹയർസെക്കൻഡറി സ്കൂളിൽ പ്രത്യേകം ക്രമീകരിച്ചിട്ടുള്ള ക്യാമ്പിലേക്ക് മാറ്റി മെഡിക്കൽ സഹായവും ഭക്ഷണവും നൽകിയിട്ടുള്ളതാണ്. ഈ വീട്ടിൽ ഉണ്ടായിരുന്ന രണ്ട് കിടപ്പുമരോഗികളെ ചങ്ങനാശ്ശേരി താലൂക്ക് ആശുപത്രിയിലേക്ക് മെഡിക്കൽ ടീമിന്റെ സഹായത്തോടെ ആംബുലൻസിലെത്തിച്ച് ആശുപത്രിയിൽ അഡ്മിറ്റ് ചെയ്ത് ആവശ്യമായ മെഡിക്കൽ സഹായം നൽകിയിട്ടുള്ളതുമാണ്. 11 മണിയോടുകൂടി മോക്ക് ഡ്രിൽ അവസാനിക്കുകയും 11.30 യോട് കൂടി ഡിബ്രീഫിങ് നടത്തി ക്യാമ്പുകൾ പിരിച്ചുവിടുകയും ചെയ്തിട്ടുള്ളതാണ്.

മീനച്ചിൽ താലൂക്ക്

Tabuk	Meenachil
Scenario	Flood
No. of casualties	3
Moved to hospital	1
Time at which information was received	9.08 AM
Time at which IRS convened	9.10 AM
Time at which rescue was completed	11.50 AM
No. of people evacuated	31
No. of deaths	0
Camp	2

പ്രളയവുമായി ബന്ധപ്പെട്ട മോക്ക് ഡിൽ സംഘടിപ്പിക്കുന്നതിനും നിർദ്ദേശം ലഭിച്ചിരുന്നതിനാൽ മീനച്ചിലാർ കേന്ദ്രീകരിച്ച് പാല മുനിസിപ്പാലിറ്റി പരിധിയിൽ ഫിറ്റ്നസ് ഇന്റർനാഷണൽ ജി സ്റ്റേഷിംഗ് ഏരിയ ആക്കി പൊതുജന പങ്കാളിത്തത്തോടെ മോക്ക് ഡ്രിൽ സംഘടിപ്പിക്കുവാൻ സാധിച്ചിട്ടുള്ളതാണ്.

കൃത്യമായ തയ്യാറെടുപ്പുകളോടെയും വിവിധ വകുപ്പുകളുടെ സഹകരണത്തോടെയും 29 ഡിസംബർ 2022 നു രാവിലെ 8 മണിക്ക് തന്നെ തയ്യാറായി നിന്ന് IRS കീഴ്ന്ന മോക്ക് ഡ്രിൽ ഇവന്റ് സംബന്ധിച്ച് വിവിധ

വകുപ്പുകൾ സ്വീകരിക്കേണ്ട നടപടികളെപ്പറ്റി ഓറഞ്ച് ബുക്ക് പരാമർശിച്ച് കൊണ്ട് ഐക്യവുമുഖം സാന്നിദ്ധ്യത്തിൽ IRS റെസ്പോൺസബിൾ ആഫീസറായ പാല RDO വിശദമാക്കി.

9:08 AM മണിക്ക് അതിതീവ്ര മഴ മുന്നറിയിപ്പ് ലഭിച്ച സാഹചര്യത്തിൽ ജില്ലയിലെ ആശുപത്രികളുടെ ഡിസാസ്റ്റർ മാനേജ്മെന്റ് പ്ലാൻ ദൃഢത പ്രതിരോധ ശേഷി എന്നിവ പരിശോധിക്കുന്നതിനായി ജില്ലാ ആശുപത്രിയിലെ 10% കിടക്കകൾ മഴ വെള്ളപ്പൊക്കം എന്നിവ മൂലമുള്ള ചികിത്സക്ക് മാത്രം നീക്കി വക്കാനായി നിർദ്ദേശം നൽകി.

മീനച്ചിലാറിൽ മുങ്ങി താഴുന്ന വ്യക്തികളെ രക്ഷപ്പെടുത്തുന്നത് സംബന്ധിച്ച് വാർഡ് കൊൺസിലറുടെ അറിയിപ്പിനെ തുടർന്ന് വില്ലേജ് ആഫീസർ TEOC ക്ക് അറിയിപ്പ് നൽകുകയും കൃത്യ സമയത്ത് തന്നെ TEOC ഇൽ നിന്നും DEOC പോലീസ് ഫയർ ആന്റ് റെസ്ക്വ എന്നീ വിഭാഗങ്ങളിലേക്ക് നിർദ്ദേശം കൈമാറുവാൻ സാധിച്ച് തുടർന്ന് ഫയർ ആന്റ് റെസ്ക്വ ബോട്ടപയോഗിച്ച് ജലത്തിൽ മുങ്ങി താഴ്ന്നവരെ രക്ഷിച്ച ശേഷം പ്രാഥമിക വൈദ്യ പരിശോധന നൽകി. ജലത്തിൽ വീണ രണ്ട് വ്യക്തികളിൽ ഒരാളെ ഒഴിപ്പിക്കൽ പ്രവർത്തനങ്ങളുടെ മുന്നോടിയായി ജാലം വില്ലേജിൽ ആരംഭിച്ച റിലീഫ് ക്യാമ്പായ സെന്റ് ജോസഫ് സ്കൂളിലേക്ക് മാറ്റുകയും മറ്റൊരാളെ ഗുരുതര പരിക്കുകളാണ് എന്ന വിവര്യത്തത്തിൽ താലൂക്ക് ആശുപത്രി തീവ്ര പരിചരണ വിഭാഗത്തിലേക്കും മാറ്റി ഇതേ സമയത്ത് തന്നെ വിവിധ കെട്ടിടത്തിൽ ആയി കടുങ്ങി കിടന്ന് ചിത്രീകരിച്ച വ്യക്തികളെ പോലീസ് ഫയർ തദ്ദേശ വാസികൾ എന്നിവരുടെ നേതൃത്വത്തിൽ രക്ഷപ്പെടുത്തുകയും ബാധിത പ്രദേശങ്ങളിൽ നിന്നും പഞ്ചായത്ത് അധികൃതരുടെ നേതൃത്വത്തിൽ ഒഴിപ്പിക്കുകയും ചെയ്തിട്ടുള്ളതാണ്.

പിന്നീട് കിടങ്ങൂർ വില്ലേജ് പരിധിയിൽ ജലം കയറിയതായി അറിയിച്ചതിനെ തുടർന്നു ആയതിനെ പ്രതിരോധിക്കുന്നതിന് 20 മിനിട്ടുകൊണ്ട് കിടങ്ങൂർ ശിവകുളങ്ങര ഗവ. എൽ പി സ്കൂളിൽ ക്യാമ്പ് തുറന്ന് വിളികൾ ആയി 7 പേരെ ഫയർ ഫോഴ്സിന്റെ സഹായത്തോടെ രക്ഷിച്ച് ക്യാമ്പുകളിലേക്ക് എത്തുക.

വിവരങ്ങൾ എല്ലാം തന്നെ യഥാ സമയം ജില്ലാ കേന്ദ്രത്തിൽ റിപ്പോർട്ട് ചെയ്യുകയും വീഡിയോ ദൃശ്യങ്ങൾ വാട്സ് ആപ്പ് ഗ്രൂപ്പിൽ അപ്പ് ലോഡ് ചെയ്യുകയും ചെയ്തിട്ടുള്ളതാണ്. ശേഷം 11.54 നോട് കൂട് മോക്ക് ഡ്രിൽ അവസാനിപ്പിക്കുന്നതിന് നിർദ്ദേശം ലഭിക്കുകയും മോക്ക് ഡ്രിൽ ഡിബ്രിഫിങ്ങിന് ശേഷം അവസാനിപ്പിക്കുകയും ചെയ്തിട്ടുള്ളതാണ് .

	Camp Name	Total residents	Male	Female	Children
Vaikom	St.Mary HSS Vallackm	52	17	34	1
Kottayam	Taluk Office Kottayam	32	18	12	2
Changanassery	Vivekananda School, Paral	24	0	5	19
Kanjirapally	JJ Murphay Memorial School, Yendayar, Koottickal	28	1	9	18
Meenachil	Fitness International Gym, Pala	24	15	7	2
	Fitness International Gym, Pala	7	7	0	0

പ്രസ്തുത പരിപാടിയിലൂടെ എല്ലാകാരും ഫലപ്രദമായി ഇത്തരം വകുപ്പുകളെ ഏകോപിപ്പിച്ച് ദുരന്ത നിവാരണം സാദ്ധ്യമാക്കാം എന്നും വകുപ്പുകളുടെ വിരവ ശേഷി എത്രത്തോളം ആണ് എന്നുമുള്ള തിരിച്ചറിവ് ഉണ്ടാക്കിയെടുക്കുവാൻ സാധിച്ചിട്ടുള്ളതാണ്. കൂടാതെ എന്തൊക്കെ മേഖലകളിൽ ആണ് കൂടുതൽ ശ്രദ്ധ നൽകേണ്ടത് എന്നതിലും വ്യക്തത കൈവന്നു.

NDMA-യുടെ നിർദ്ദേശം അനുസരിച്ച് SDMA Observers-നെ ജില്ലയിലേക്കും താലൂക്കുകളിലേക്കും അയയ്ക്കുകയും അവർ സംഭവങ്ങളും അതിനോടു ജില്ലയും താലൂക്ക് ഉദ്യോഗസ്ഥരും പ്രതികരിച്ചതിന്റെ വിലയിരുത്തലുകളും നമുക്കയുണ്ടായി.

NDMA-യും SDMA-യുമായി ചേർന്നു മോക്ക് ഡ്രില്ലിന് ശേഷം നടത്തിയ ഡിബ്രിഫിങ്ങിൽ ജില്ലകളുടെ അനുഭവങ്ങളും ശുപാർശകളും വിവരിക്കുവാൻ അറിയിച്ചതിനാൽ കോട്ടയം ജില്ലയ്ക്ക് വേണ്ടി ജില്ലാ കളക്ടർ പ്രസൻറേഷൻ നടത്തുകയും, അതിനു ശേഷം ജില്ലാ observer പ്രസ്തുത റിപ്പോർട്ട് അവതരിപ്പിക്കുകയും ചെയ്തു.

OBSERVERS ലിസ്റ്റ്



ജില്ല EOC	Dinesh Yadav	Sub-Inspector 04th BN NDRF ARAKKONAM (TN)
	Bijoy Raju	NDRF
കാഞ്ഞിരപ്പള്ളി താലൂക്ക് EOC	Bhagyanadh AK	CRPF Inspector/GD
വൈക്കം താലൂക്ക് EOC	V Lakshmanan	CRPF
കോട്ടയം താലൂക്ക് EOC	Sreekumar S	CRPF
ചങ്ങനാശ്ശേരി താലൂക്ക് EOC	Saravanan MA	CRPF
മീനച്ചിൽ താലൂക്ക് EOC	B Hari Rama Chandran	HC/GD - CRPF PPM

ശുപാർശകളും നിർദ്ദേശങ്ങളും

1. മുൻ വർഷങ്ങളിൽ ഉണ്ടായ പ്രളയത്തിൽ തകർന്ന പാലങ്ങളുടെ പുനർ നിർമ്മാണം വൈകുന്നത് മൂലം ഗതാഗത തടസങ്ങൾ നേരിടുന്നു . ഇത് പരിഹരിക്കുന്നതിനുവേണ്ട നടപടികൾ എത്രയും വേഗം കൈകൊള്ളേണ്ടതാണ്
2. മീനച്ചിൽ, കാഞ്ഞിരപ്പള്ളി മലയോര പ്രദേശങ്ങളിൽ വലിയ പാറ, കല്ല് തുടങ്ങിയവ റോഡിൽ പതിച്ചത് മൂലം ഉണ്ടായ ഗതാഗത തടസങ്ങൾ നേരിടുന്നു . ഇത് പരിഹരിക്കുന്നതിനുവേണ്ട നടപടികൾ എത്രയും വേഗം കൈകൊള്ളേണ്ടതാണ്
3. മുൻ പ്രളയത്തിൽ ഒഴുകി വന്ന debris കൂടി കിടക്കുന്നത് മൂലം വെള്ളത്തിന്റെ ഒഴുക്ക് തടസ്സപ്പെടുന്നു. വെള്ളക്കെട്ടുകൾ രൂപപ്പെട്ടിട്ടുണ്ട്. അതുമൂലം അധികം ക്യാമ്പുകൾ തുറക്കേണ്ടതായി വരുന്നു
4. Debris നീക്കം ചെയ്യുന്നതിനായി SDRF -ൽ നിന്നും ഫണ്ടുകൾ മഴക്കാലത്തിനു മുൻപേ തന്നെ അനുവദിക്കുന്നതാവും നല്ലത്.
5. രക്ഷാപ്രവർത്തനം ഫലപ്രദമായി നടത്തേണ്ടതിന് ലൈഫ് ബോട്ടുകൾ പരിമിതമായ എണ്ണത്തിൽ മാത്രമേ ജില്ലയ്ക്ക് ഉള്ളൂ. ആയതിനാൽ ഇവ കൂടുതൽ വാങ്ങിക്കേണ്ടതായുണ്ട്.
6. പ്രാഥമിക ജീവൻ രക്ഷ ഉപകരണങ്ങളായ ജാക്കറ്റ്, ടൂണ് കയർ, വഴിയരികെ തടസ്സങ്ങൾ മാറ്റുന്നതിനും തിരിച്ചിൽ നടത്തുന്നതിനും ഉപകരിക്കുന്ന കത്തി, കട്ടർ, ടോർച്ച് എന്നിവയുടെ പരിമിതമായ ലഭ്യതയും ALS ആംബുലൻസിന്റെ അപര്യാപ്തതയും ഇത്തരം പ്രവർത്തനങ്ങളിൽ പ്രതികൂല ഘടകങ്ങളായി നിലനിൽക്കുന്നവയാണ്. ഇതിനുവേണ്ട നടപടികൾ എത്രയും വേഗം കൈകൊള്ളേണ്ടതാണ്
7. വീണ്ടെടുക്കുന്ന മരങ്ങൾ പോലുള്ള തടസ്സങ്ങൾ മുറിച്ചു മാറ്റുന്നതിനായി വേണ്ടത്ര ഉപകരണങ്ങൾ ഇല്ലാത്തതിനാൽ ആവശ്യാനുസരണം ഇവ വാങ്ങുന്നതിനുള്ള നടപടികൾ സ്വീകരിക്കേണ്ടതുണ്ട്.
8. 8 ഫയർ സ്റ്റേഷനുകളിലേക്കും പോർട്ടബിൾ ജനറേറ്ററുകൾ ആവശ്യമായ ഉണ്ട്.

9. ഇരാറ്റുപേട്ട സ്റ്റേഷനിൽ കേടുപാടുകൾ സംഭവിച്ച വണ്ടികൾ ഇതുവരെയും റീപ്ലേസ് ചെയ്യാൻ സാധിക്കാതെ കിടപ്പുണ്ട്. മേലുകാവ് പോസ്റ്റ് ഓഫീസിന് പിൽക്കാലത്ത് അഗ്നിബാധ ഉണ്ടായപ്പോൾ ഇരാറ്റുപേട്ട സ്റ്റേഷനിൽ നിന്നും യാത്ര ആരംഭിച്ചപ്പോൾ വാഹനം ഗതാഗതയോഗ്യം അല്ലാതെ വന്നു. ഇതിനാൽ സമയാനഷ്ടിതമായി സംഭവ സ്ഥലത്ത് എത്താൻ സാധിക്കാതെ വരുകയും ചെയ്തു. പാലാ സ്റ്റേഷനെ അറിയിക്കുകയും അവിടുന്ന് വാഹനം സംഭവ സ്ഥലത്ത് എത്തിയെങ്കിലും പോസ്റ്റ് ഓഫീസ് പൂർണ്ണമായും നശിച്ചിരുന്നു. ജില്ലയിൽ ഒട്ടാകെ ദുരന്ത നിവാരണത്തിന് ഉപയോഗിക്കാൻ തക്കവണ്ണം ആവശ്യത്തിന് വാഹനങ്ങളും ഉപകരണങ്ങളും ഇല്ല. ഉള്ളിൽ പലതും കാര്യക്ഷമമായി പ്രവർത്തിക്കാൻ സാധിക്കാത്ത അവസ്ഥയിലാണ്. ആയതിനാൽ ഇവ ആവശ്യത്തിന് ലഭ്യമാക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിക്കേണ്ടതുണ്ട്.
10. തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങളിലെ ജനപ്രതിനിധികൾക്ക് ദുരന്ത മുന്നൊരുക്കവും ദുരന്ത നിവാരണവും മായി ബന്ധപ്പെട്ടുള്ള ട്രെയിനിങ്ങുകൾ സമയാസമയങ്ങളിൽ സംഘടിപ്പിക്കുന്നത് നന്നായിരിക്കും. അവരുടെ ചോദ്യകളും ഉത്തരവാദിത്തങ്ങളും അവർ മനസ്സിലാക്കുന്നതിനും ദുരന്തമുഖത്ത് ഫലപ്രദമായ രീതിയിൽ ഇടപെടുന്നതിനും ഇത് സഹായിക്കും.
11. ദുരന്ത നിവാരണ പ്രവർത്തനങ്ങൾ മെച്ചപ്പെടുത്തുന്നതിന് ടി വിഷയം സംബന്ധിച്ച് അവബോധം ജനങ്ങളിൽ ഉണ്ടാക്കിയെടുക്കുന്നതിനും ടി വിഷയങ്ങളിൽ സർക്കാർ നടത്തുന്ന മുൻ കരുതലുകൾ, ദുരന്ത നിവാരണപ്രവർത്തനങ്ങൾ എങ്ങനെയാക്കെ ആണ് എന്നത് മനസ്സിലാക്കുന്നതിനും എപ്രകാരമാണ് ഒരു സെൽഫ് ഇവാക്കുവേഷൻ തയ്യാറെടുക്കുന്നത് എന്നുമുള്ള വിഷയങ്ങൾ കേന്ദ്രീകരിച്ച് പഞ്ചായത്ത് തലത്തിൽ പൊതു ജന പങ്കാളിത്തത്തോടെ അല്ലെങ്കിൽ അവർ ഓഡിയൻസ് ആയി പങ്കെടുത്തുകൊണ്ടുള്ള മോക്ക് ഡ്രില്ലുകൾ സമഘടിപ്പിക്കുന്നത് ഉപകാരപ്രദം ആകുമെന്ന് കാണുന്നു.
12. പൊതു അറിയിപ്പ് സംവിധാനങ്ങൾ, ഫുട്ടറുകൾ, സൈറണുകൾ തുടങ്ങിയവ അപകടസാധ്യതയുള്ള പ്രദേശങ്ങളിൽ മുൻകൂട്ടി ഇൻസ്റ്റാൾ ചെയ്തിരിക്കണം.
13. നെറ്റ് വർക്ക് കവറേജ് കുറവായ സ്ഥലം ആയതിനാൽ ലൈവായി മോക്ക് ഡ്രിൽ ഷെയർ ചെയ്യുന്നതിന് ബുദ്ധിമുട്ടു നേരിട്ടിരുന്നു. ടി സ്ഥലങ്ങളിൽ ഫയർ ഫോഴ്സിന് വയർലെസ് സംവിധാനം ഉപയോഗിക്കുന്നതിനുള്ള സൗകര്യം ഏർപ്പെടുത്തുന്നതിനുള്ള നടപടികൾ സ്വീകരിക്കുന്നത് ദുരന്തനിവാരണപ്രവർത്തനങ്ങൾ കൂടുതൽ മികച്ച രീതിയിൽ നിറവേറ്റാൻ സാധിക്കും.
14. പൊതു അനൗൺസ്മെന്റുകൾക്കായി ഉപകരണങ്ങൾ ആവശ്യമായിട്ടുള്ളതിനാൽ കുറഞ്ഞത് SDMA identify ചെയ്തിട്ടുള്ള മണ്ണിടിച്ചിൽ സാധ്യതയുള്ള 33 ലൊക്കേഷനുകളിൽ എങ്കിലും ഉടനടി എത്തതക്ക രീതിയിൽ ഈ പൊതു അനൗൺസ്മെന്റ് സിസ്റ്റം സ്ഥാപിക്കുന്നതിനുള്ള നടപടികൾ സ്വീകരിക്കേണ്ടതുണ്ട്.
15. അതായത് പൊതു അനൗൺസ്മെന്റുകൾ സിസ്റ്റത്തിന്റെ ഉത്തരവാദിത്തം താലൂക്ക് EOC-കളെ ഏൽപ്പിക്കാവുന്നതാണ്.
16. KSEB, Civil Supplies, Taluk Head Quarters ഹോസ്പിറ്റൽ സൂപ്പണ്ട് എന്നിവരെ കൂടി IRS team ൽ ഉൾപ്പെടുത്തുന്നത് കൂടുതൽ ഫലപ്രദമായിരിക്കുമെന്ന് കാണുന്നു.
17. കോട്ടയത്ത് ഇതുവരെ ഒരു കെമിക്കൽ ഡിസാസ്റ്റർ ഉണ്ടായിട്ടില്ല. അതുകൊണ്ടുതന്നെ കെമിക്കൽ ഡിസാസ്റ്റർ ആയിട്ട് ബന്ധപ്പെട്ടുള്ള ഒരു മോക്ക് ഡ്രില്ലുകളും ഇതുവരെ നടത്തപ്പെട്ടിട്ടില്ല. ആയതിനാൽ അതിനുവേണ്ട ട്രെയിനുകളും പരിശീലനങ്ങളും നൽകുന്നത് നന്നാവും.
18. പ്രകൃതി ദുരന്തങ്ങളോടൊപ്പം തന്നെ വിനാശകാരികളായ മനുഷ്യ നിർമ്മിത ഹസാർഡുകൾ മൂലമുണ്ടാകുന്ന ദുരന്തങ്ങളെക്കൂടി കണക്കിലെടുത്ത് ഇത്തരം ഹസാർഡുകളെ പ്രത്യേകമായി കണ്ട് (ഉദാഹരണം - ഡാം/ഗ്രാസ് ലീക്കേജ്) അവയ്ക്ക് പ്രത്യേക പ്ലാനുകളും വൾനറബിൾ എരിയ മാപ്പും തയ്യാറാക്കി സാറ്റലൈറ്റ് സാങ്കേതിക വിദ്യയുടെ സഹായത്തോടെ പരിശീലന പരിപാടികൾ സംഘടിപ്പിക്കുന്നത് ഇത്തരം വിഷയങ്ങളിൽ കാര്യക്ഷമമായി ഇടപെടുന്നതിന് സഹായിക്കും എന്ന് കാണുന്നു.
19. വിവിധ ഏജൻസികൾ വിവിധ സൈറ്റുകളിൽ നടത്തുന്ന രക്ഷാപ്രവർത്തനത്തിന്റെ വിശദാംശങ്ങൾ അപ്ഡേറ്റ് ചെയ്യുന്നതിന് ഒരു വ്യക്തിയെ നാമനിർദ്ദേശം ചെയ്യാം.
20. എക്സിൾസൈസിന് ശേഷം എണ്ണമെടുക്കലും, ടി റിപ്പോർട്ടിംഗും, ഡോക്യുമെന്റേഷനും നടത്തണം.
21. അപകടത്തിൽ അകപ്പെട്ടവരെ വേഗത്തിൽ ഒഴിപ്പിക്കാനും ഇത്തരം സംഭവങ്ങളിൽ ഗതാഗതക്കുരുക്ക് ഉണ്ടാകാതിരിക്കാനും ബദൽ റൂട്ട് കണ്ടെത്തേണ്ടതുണ്ട്.
22. പ്രവർത്തനങ്ങൾ ഫലപ്രദമാകുന്നതിന്, സംഭവസ്ഥലത്ത് പ്രവർത്തിക്കുന്ന വിവിധ ഏജൻസികൾ തമ്മിലുള്ള ആശയവിനിമയവും സ്ഥല നിവാസികളുമായുള്ള ആശയവിനിമയത്തിനു പൊതുവായ ഭാഷയും സിഗ്നലുകളും ഉപയോഗിക്കാം.

23. ഇതിനായി സാങ്കേതിക ബോധവൽക്കരണ പരിപാടികൾ സ്കൂൾ കോളേജുകളിലും ദുർബല പ്രദേശങ്ങളിലും നടത്തേണ്ടതാണ്.
24. വെള്ളപ്പൊക്കം അല്ലെങ്കിൽ മണ്ണിടിച്ചിൽ ഉണ്ടാവുമ്പോൾ ആശയവിനിമയത്തിനായി കൊബൈൽ ഫോൺ, ഇന്റർനെറ്റ് എന്നിവ അടസ്സപ്പെടുമ്പോൾ റാക്കി ടോക്കി/HF/VHF സെറ്റുകളും QDA സെറ്റുകളും എല്ലാ Stakeholders .ഇനും ഉപയോഗിക്കാൻ സാധിക്കും വിധം അവ ലഭ്യമാക്കണം.-
25. ക്വിക്ക് ഡിപ്ലോയബിൾ ആന്റിന (QDA) ഉപഗ്രഹ ആശയവിനിമയം സാധ്യമാക്കുന്നു, ആയതിനാൽ ഒരു പ്രതിസന്ധി ഘട്ടത്തിൽ, അപ്രാപ്യമായ പ്രദേശങ്ങളിൽ തുടർച്ചയായ ആശയവിനിമയം നിലനിർത്താൻ QDA ഉപയോഗിക്കണം.
26. അപ്രാപ്യമായ പ്രദേശങ്ങളിൽ നിന്നുള്ള ആളുകളുമായി, അടിയന്തരാവസ്ഥയിലും പ്രതിസന്ധികളിലും ആശയവിനിമയം സുഗമമാക്കാൻ ഇതിന് കഴിയും.
27. DEOC-യിലും സംവേഗസമയത്തും ആര് ആരാണെന്ന് തിരിച്ചറിയാൻ സ്റ്റേഷിംഗ് ഏരിയയ്ക്കും വിവിധ സ്റ്റേഷനുകൾക്കും ആം ബാൻഡുകളും ബാനറുകളും ഉപയോഗിക്കണം .
28. ജില്ലയിലെ ഹസാഡ് അനലിസിന്റെ പോസ്റ്റ് തെവർഷത്തിലേറെയായി ഒഴിഞ്ഞുകിടക്കുകയാണ് എത്രയും വേഗം നീയമനം നടത്തിയാലേ ജില്ലയുടെ ദുരന്ത പ്രതിരോധം ഉത്തമമാവുകയുള്ളൂ
29. DM ഡെപ്യൂട്ടി കളക്ടറുടെ പോസ്റ്റ് ജില്ലയ്ക്ക് ഇല്ലാത്തത് ദുരന്ത സമയങ്ങളിൽ ദുരന്തനിവാരണ പ്രവർത്തനങ്ങൾ സുഗമമായി നടത്തുന്നതിന് ബുദ്ധിമുട്ടുകൾ സൃഷ്ടിക്കാറുണ്ട്
30. ജില്ലാ ദുരന്ത നിവാരണ പദ്ധതി (ഡി എം പ്ലാൻ) കാലാകാലങ്ങളിൽ അപ്ഡേറ്റ് ചെയ്യണം.
31. താലൂക്കുകളിലെയും തദ്ദേശ സ്വയംഭരണ സ്ഥാപനങ്ങളിലെയും ഡിഎം പ്ലാനുകൾ സമയാസമയങ്ങളിൽ അപ്ഡേറ്റ് ചെയ്യേണ്ടത് ആവശ്യമാണ്.

	<u>REPORT BY OBSERVER</u>	
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- 1) **Emergency Support function (e.g. Search, & Rescue ; Medical; Dead Body Management; Restoration of---):** Dist. Administration, SEOC,DEOC, Police control room, Fire rescue service, Health Department , Local-NGOs, Municipal-Corporation, CAPfs, Village level first rescuer, Transport department, Volunteers etc.,
- 2) **Nodal Officer :** Dr. PK Jayashree, IAS, District collector & District Magistrate, Kottayam
- 3) **Alternate Nodal Officer :** Smt. Jinu Punnoose, ADM, Kottayam
- 4) **Observer (Name) & Organization:** Dinesh Yadav, Sub-Inspector
04th BN NDRF ARAKKONAM (TN)
- 5) **What was the first reaction of the Nodal Officer/ Org on receipt of information:**
On 29.12.2022, at about 09:05 Hrs DEOC received a Red Alert warning from IMD through KSDMA. High level warnings were issued from DEOC to all TEOCs. After that msg. received, District Collector immediately necessary direction passes to DEOC for deployment for SDRF as well as Fire service for evacuation of the civilians from the affected area. Simultaneously also the same was conveyed to all responding agencies through DEOC.
- 6) **What was their initial & subsequent assessment of the situation :**
The emergency scenario of "FWR/Aquatic disaster & Landslide" was stimulated on 29.12.2022 at 09:05 hrs at Five Taluks of Kottayam District . The message of simulation was immediately communicated to DEOC, Kottayam. Situational analysis was carried out at TEOCs level and reported to DEOC. KSEB analyzed the present status of the DAMS in the district. Irrigation department analyzed the reports of Central Water Commission (CWC) and reported the same to the DEOC. Special alert issued to Taluks and villages to take necessary actions on the low-lying area of the district as per the DM plan. Special alert issued to landslide susceptibility areas of the district as per the Landslide susceptibility

map of the DM plan. As per the scenario and pre-decided sequence of actions for the mobilization of teams from their respective bases.

7) Duties undertaken by the Team Leader (Give Details of duties):

The Team Leader Issued an order to close down all educational institutions in the district including the anganwadis, immediately close down all the activities under MGNREGA, Issued an order to close down all the tourism related activities in the district. Issued an order for Opening of relief camps if necessary. Between 9.30 am and 9.45 am one landslides and four Flood situations were reported at different locations of the district. An emergency meeting was convened and ordered immediate actions on the sites where flood & landslides were reported. Local government IRTs were activated at the sites where the landslides occurred. An IAP (Incident Action Plan) was created at District and Taluk level. Situation assessments were carried out at the sites and reported back to DEOC. Onsite Incident Command Post (ICP), Staging area, Medical Aid post, Camp for relief workers and relief camps were identified and marked near to the simulation sites on an urgent base

8) Resources Available and carried for the specific tasks: Disaster equipment like boat, cutters, life jackets, life-buoy etc , Emergency medicine kit with Ambulance, Generator, Fire tender etc.

9) Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75%Success/50% Success/25% Success: Yes as per DM plan and their performance was 100% success.

10) Observer comments (overall opinion, good practice and weakness/shortcomings noticed)

Good practice:

- Participation of all the stake holders make it fruitful to understand the roles of sister agencies.
 - Participation of Volunteers and Civil Defence was commendable.
 - All concerned agencies and all of them played an active role during Mock
-

Exercise.

- All stakeholders displayed effective coordination among each other.
- Timely reporting at the incident site and response as per plan. .
- All responding agencies did their roles in a very good manner.
- Medical staff handled the serious persons with proper precautions.
- The Traffic Police acted in a very efficient manner to maintain the route to designated Hospital traffic free.

Suggestions :

- Public Announcement systems, hooters, Sirens etc should be pre-installed in vulnerable areas to convey alert messages during any emergency.
 - A Common language and signals for communication to residents and communication between various agencies working at the incident site may be effective for smooth operations. This can be done using community awareness programs, Familiarisation exercise at schools, colleges and vulnerable areas.
 - All Stakeholders may try to switch to walkie talkie/HF/VHF sets and QDA Set for communication as in disaster scenario like flood or landslide, mobile phone communication and Internet gets interrupted. Quick Deployable Antenna (QDA) is used to maintain continuous communication in the inaccessible regions, in a crisis. QDA enables satellite communication. It can facilitate communication with the people from the inaccessible areas, in emergency and crises.
 - Trained Dog Squads may be employed by Police department or fire department for carrying out Search operations of live as well as deceased victims in landslide Scenarios.
 - Arm bands and banners may be used for staging area and various stations for identifying who's who at DEOC and at incident site.
-

- The District Disaster Management plan may be updated from time to time.
- More Transport Vehicles, Ambulances, Portable Generators and rescue & evacuation equipment like Excavators, JCB, cranes etc, FWR equipment like IRB and OBM Life jackets, Life buoys may be kept in stock in case of Multi Casualty Disaster Scenarios.

SELF ASSESSMENT

Date and time : 29.12.2022 ; 8:00AM

Place: Collectorate, Kottayam

Name of the Organization/Department: District Disaster Management Authority;
Revenue Dept

Name: Jinu Punnoose

Designation in the Exercise and in parent organization: Incident Commander; CEO of
DDMA; Additional District Magistrate & Deputy Collector (General)

Type Support function : Coordination

Time, source and contents of first message about incident received, and communication mode.

9:03 AM - from SEOC - through text message - (red alert)

9:03 AM - About the first incident - at DEOC - through phone call.

Difficulties faced

Limitation of enough and efficient working vehicles in Fire Stations.

What was your contribution in the Mock Drill?

Conducted discussions with Taluks and other departments for conducting the Table Top Exercise and Mock Drill.

District level co-ordination and assessment during the events.

Learning from Mock Drill

Participants, as well as the audience of this mock drill was able to learn how to manage and deal with future contingencies. This was a learning experience which helped us analyse where our weaknesses are, and this prompted us to rectify the same. We realised the importance in participation of all stakeholders and how we should maximise the benefits that would result from this.

Suggestions for improvement

Local Self Government Institution level trainings and workshops shall be provided for people's representatives, staffs, officials and general public on a yearly basis.

LSGI level mock drills shall be promoted.

IRS meetings shall be conducted periodically and in response to alerts that would be received.

Water level markings shall be made on bridges, rivers, streams and so on.

SELF ASSESSMENT

Date and time : 29.12.2022 ; 8:00AM
Place: Collectorate, Kottayam
Name of the Organization/Department: District Disaster Management Authority; Revenue Dept
Name: Biju Mathew
Designation in the Exercise and in parent organization: Liaison Officer and Junior Superintendent of DM section
Type Support function : Coordination
Time, source and contents of first message about incident received, and communication mode. 9:03 AM - from SEOC - through text message - (red alert) 9:03 AM - About the first incident - at DEOC - through phone call.
Action taken by the team leader in response to critical situations, in brief. The District Collector convened a meeting upon receiving the red alert from SEOC, and after the situation assessments with respective incident commanders, DC contacted concerned departments to ensure a speedy disaster management
Further action taken by the recipient or stakeholders Incident commander worked with the TEOCs and roped in all the stakeholders to understand the crisis and to rectify the same.
When did the stakeholder/representative arrive at EOC/ICP Within 5 minutes of receiving the information
Manpower Resources available and how much manpower carried to ICP DEOC coordinated with TEOCs and dispatched vehicles, fire force team, and informed IAGs, and civil defence teams about the occurrence of incidents.
Difficulties faced Absence of enough equipments and vehicles required for a proper disaster management process

Support Agencies Available

IAGs, Civil defence, Sannadhasena volunteers

What was your contribution in the Mock Drill?

Coordinated with TEOCs, IRS members, Health and other departments necessary to ensure that the requirements are met with.

Learning from Mock Drill

Inventory should be reassessed and quality checks should be carried out

Repairs and replacements should be done immediately.

Suggestions for improvement

Disaster Management Trainings and Swimming lessons shall be given at grass root levels for the public, staff and officers.

Mock drill should be conducted periodically at Grass root level in addition to Taluk level drills.

Necessary actions shall be taken to equip LSGIs in conducting mock drills, briefings, evaluations and awareness sessions for the public.

REPORT BY OBSERVER

Date and time: 29-12-2022 - 09:00 - 10:00 hrs.

Place: Yendayal (Kanyasapally Taluk).

EOC Name: Taluk office Kanyasapally

Nodal Officer:

Alternate Nodal Officer:

Observer Name and Organization: BHAKYANATH AIC
CRPF Insp 1st

Emergency Support function:

(Search & Rescue, Medical, Dead body Management, Restoration of --- etc)

Landslide at Ottomatam, Kothickal village.

What was the first reaction of the Nodal Officer/ Org on receipt of information?

Information regarding landslide has received at Taluk Central Room and message has been intimated to Tahsildar. Tahsildar has formed an emergency operation Team and intimated all the concerned immediately. Police fire force, medical, MVD, civil defence has arrived at the spot immediately. message also communicated to collectorate Kottayam.

Their initial & subsequent assessment of the situations?

on receiving the information, the team has launched their operations and action were taken very quickly.

Duties undertaken by the Team Leader. (Give details of the duties)

- formation of the emergency team.
- collecting of details of ~~camp~~ wounded people
- -coordination among various agencies like fire, police, MVO, medical, Ambulance, hospitals, local authorities,
- Rescue of the people at offshoots
- Medical Assistance
- Sanitation facilities
- Basic amenities
- food and drinking water for Campers.

Resources Available and utilised for the specific tasks.

(Assessment of shortfall & plans for making up. Whether prioritization done in application. integration of volunteers/NGOs. optimum use of NDRF, BRO, etc)

- All medical facilities were satisfactory. They were fully equipped with their basic medicines and oxygen support. wounded persons are well taken care and injured were sent to hospitals. Adequate medical teams such as doctors, nurses and attendants were available.
- Work of fire and rescue was appreciable. They have done their job beautifully within the short span of time. Fire and rescue team and civil defence has rescued people struggled in land slide coming stretchers. They take utmost care to injured to avoid further casualties.
- Local police has delivered wonderful job in controlling traffic and ensured smooth route for the traffic for ambulance.
- Coordination with the Taluk was good and commendable.

Was the organization able to carry out its assigned task? How would you assess the performance?

(100 % Success / 75 % Success / 50 % Success / 25 % Success)

It was 100% success and the organization is ready to face such kind of emergencies.

TASK FORCE

Observers Comments/ Remarks :
(Overall opinion, good practices and weakness/shortcomings noticed)

Very Good. -

no shortcomings noticed.

[Signature]
29/12/21

SELF ASSESSMENT

Date and time : 29-12-2022

Place: Yendayan, Koothickal Village

Name of the Organization/Department: TALUK OFFICE, KANJIRAPPALLY

Name of the Team Leader:

Designation in the Exercise and in parent organization:

Incident Commander & Tahsildar Kanjirappally

Type Support function :

(Eg. Search & Rescue, Medical, Repair, Restoration of --- etc)

Time, source and contents of first message about incident received, and communication mode.

At 9.07 AM, a message regarding 'Red alert' has been received from DEOC. Around 9.25 AM information regarding landslide at Ottamattam, Koothickal Village has received from Koothickal Village officer, through telephone.

Action taken by the Team Leader in response to critical situations, in brief.

Incident commander immediately formed an Emergency operation Team including Fire force, police, Medical, MVD, civil defence etc. Proper communication is maintained between team, Incident commander post and DEOCs. Also he has taken necessary steps to provide basic amenities in operation and also provide victuals for camp persons.

Further action taken by the recipients/stakeholders

- Apart from the team leader, Fire & Rescue team formed a civil defence team, which has played a vital role in evacuation of victims.
- Medical team provide ^{adequate} ~~adequate~~ basic Medicines, and wounded persons are well taken care.
- Panchayat has provide volunteers who has done exceptional works.

When did the Stakeholder/representative arrive at EOC/ICP

But the representatives arrived instantaneously after the message. Police, fire force, Medical, MVD, civil defence has arrived at the spot ICP and reached the landslide spot without any delay.

Manpower Resources available and how much manpower carried to ICP

Equipment material carried

Vehicle brought (types) :-

(a) For use of EOC/ Rescue and relief work

(b) Self use

- For use of Rescue and relief work fire engines, Ambulance, vehicles of Taluk, police, RTO etc are used.
- A mini van has been provided for carrying victims to camp area.
- JCB & Hitachis are also used for rescue operation.

Difficulties faced

TASK FORCE

Task Force No. _____

1. Location of Incident : Ottaramam, Kootickal Village

2. Supervisor : _____

	Name	Designation	Contact No.
Commander			
Dy. Commander			

Sl. NO.	Composition	I/C Leader & Contact Details	Unit Size / Details
1.	NDRF		
2.	SDRF		
3.	District Police		
4.	CAPF		
5.	Medical Team	Dr. Reeb Thomas 9495725156	7 persons
6.	Ambulances	Cheniyar 9446602272	2 persons
7.	Machinery/JCB/Equipment	Chittoor Satheshoo 6292818010	2 persons
8.	Telecommunication	Michael Joy 9847190162	2 person
9.	Reporting/Documentation Team	Lijin Luckose 7025464542	2 person
10.	Home Guard		
11.	Fire & Emergency Services Team	K.S Omanakuttan 9497920067	7 persons
12.	Rescue Vehicle	Mathew Augustine 9447259432	1
13.	(any other resources)		
14.	(any other resources)		

REPORT BY OBSERVER

Date and time : 29.12.2022 , 9.15 am

Place: Vazhamana , Udayanapuram Panchayat

EOC Name: Taluk Emergency Operation Center , Vaikom

Nodal Officer : Tahsildar , Vaikom

Alternate Nodal Officer : Deputy Tahsildar (DM)

Observer Name and Organization: V Lakshmanan , CRPF

Emergency Support function :

(Search & Rescue, Medical, Dead body Management, Restoration of --- etc)

Rescue

What was the first reaction of the Nodal Officer/ Org on receipt of information?

Information given to all IRS teams.

Their initial & subsequent assessment of the situations?

1 RS teams reached at the spot in time & initiate evacuation activities

Duties undertaken by the Team Leader. (Give details of the duties)

Gahsildar & Incident Commander.

Resources Available and utilised for the specific tasks.

(Assessment of shortfall & plans for making up. Whether prioritization done in application. integration of volunteers/NGOs. optimum use of NDRF, BRO, etc)

Ambulance, Dingi, Boat, Scuba teams
Structure, Rope, fire force vehicle
etc.

Was the organization able to carry out its assigned task? How would you assess the performance?

(100 % Success / 75 % Success / 50 % Success / 25 % Success)

yes.

100% Success.

Observers Comments/ Remarks :

(Overall opinion, good practices and weakness/shortcomings noticed)

Good Practices.

Lakshmanan

Forum 913174165

ASI/G.D.

I Lakshmanan.

C.R.P.F Pallipuram

Thiruvananthapuram.

KERALA (State)

SELF ASSESSMENT

Date and time: 29-12-2022

Place: Vazhamana, Udayanapuram Panchayat.

Name of the Organization/Department: I.R.S. Team, Vaikom

Name of the Team Leader: Tahasildar & Incident Commander, Vaikom.

Designation in the Exercise and in parent organization: KSDMA

Type Support function

(Eg. Search & Rescue, Medical, Repair, Restoration of --- etc)

Rescue, medical.

Time, source and contents of first message about incident received, and communication mode.

9.15 am, first message received through telephone. Flood effected at Vazhamana in Udayanapuram Panchayat.

Action taken by the Team Leader in response to critical situations, in brief.

Tahasildar & incident commander given information to all IRS teams. All IRS team reached the site within 5 minutes and started evacuation process promptly. All victims are transferred to the relief camp and provide medical assistance and food.

Further action taken by the recipients stakeholders

They are carried out to the rehabilitation center in the school and provide medical assistance to them and returned back.

When did the Stakeholder representative arrive at EOC/ICP

9.20 am on 29.12.2022.

Manpower Resources available and how much manpower carried to ICP

Yes, Volunteers available from LSGD

Equipment material carried

—

Vehicle brought (types) :-

(a) For use of EOC/ Rescue and relief work a mini bus

(b) Self use official Vehicle.

Difficulties faced

1. We expect 50 Nos of volunteers from the LSGD only 10 volunteers participate in the mock Drill.
2. KSEB, PWD, Civil supplies authorities not participated in the mock drill. In the case of flood situation it is essential.
3. In remote areas where which mobile network problems arise, wireless communication is essential to communicate the officials to each other.

LSGD, Police, Fire & Rescue, PRO, etc...

What was your contribution in the Mock Drill?

As an incident commander, I conduct, direct and supervise all tactical actions in the field of the mock Drill.

Learning from Mock Drill

PWD, LSGD & KSEB Taluk level officers may include in IRS team.

Suggestions for improvement At least 10 volunteers participate in the mock exercise. We expect more than 50 Nos. from LSGD LSGD should concern this matter. Now safety officer in IRS team is a doctor in PHC. If a Superintendent or RMO of Taluk H Q Hospital is a safety officer it should be better to give medical assistance to rehabilitates in various camp of the whole taluk. PWD, KSEB, LSGD officials are to be included in the IRS team.

Any other Information, you would like to convey.

Planning Section chief station officer, fire & Rescue officers have no communication equipment in remote area where net work problem arise. It would have better to give them the permission to use wireless set in these conditions.

TASK FORCE

Task Force No.

1. Location of Incident

Vazhamana, Mdayanapuram Village.

2. Supervisor

Jayachandran, Station Officer, Fire & Rescue, Vaikom

3. Commander

Name

T.N. Vijayan

Designation

Richsildar +
Incident Commander
Vaikom

Contact No.

9447139331

DNV Commander

K. Ajith R.D.O. Vaikom

R.D.O. Vaikom

8281040554

9496806204

Sl.

No.

Composition

IC Leader & Contact Details

Unit Size

Details

1

SDRF

-

-

2

SDRF

-

-

3

District Police

-

-

4

API

-

-

5

Medical Team

Dr. Geeth, Asst. Surgeon
MO, Fire, Brahmanagalam

-

6

Ambulances

Jayachandran
Fire & Rescue, Vaikom

-

7

Motors, R.T. Equipment

-

-

8

Telecommunication

-

-

9

Reporting Documentation Team

Medic Officer
P.O.

-

10

Hooper Guard

-

-

11

Fire & Emergency Services Team

Fire & Rescue Team
Vaikom

-

12

Heavy Vehicle

Boat & Drift

-

13

Other resources

-



-

14

Other resources

-

-

	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Fire and Rescue, Medical Injured Body Evacuation of pregnant Women
2. Nodal Officer (Name)	S.N. ANIL KUMAR
3. Alternate Nodal Officer (Name)	M. RAJEEV
4. Observer (Name) & Organization	SREEKUMAR . S (9165169089) CRPF Mob. 8305309286 WhatsApp
5. What was the first reaction of the Nodal Officer/Org on receipt of information	On receipt of the information the Nodal officer gave Command to Alternate Nodal Officer
6. What was their initial & subsequent assessment of the situations	On receipt of team information the team leader makes Command to the all participants to do adequate analysis for evacuation
7. Duties undertaken by the Team Leader (Give details of duties)	1) Evacuation of 32 Members from 18 Families 2) Evacuate from the Second Storey from Double height Building
8. Resources Available and carried for the specific tasks	Ladder, Ambulances Jeeps, Masks. Chair, Oxygen Cylinders
9. Was the organization able to carry out its assigned task? How would you assess their performance	Yes. Their performance was very good.

100% Success / 75% Success / 50% Success / 25% Success	100 % Success
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	The performance was Very timing and adequate

SELF ASSESSMENT

Date and time :	29.12.2022 8.45 AM
Place:	Thiruvarp Village
Name of the Organization/Department:	Revenue
Name of the Team Leader:	S.N. Anil Kumar
Designation in the Exercise and in parent organization:	Incident Commander

Type Support function :
(Eg. Search & Rescue, Medical, Repair, Restoration of --- etc)
Search and Rescue

Time, source and contents of first message about incident received, and communication mode.
First message about incident received at 9.03 am. The Communication was done by Telephone.

Action taken by the Team Leader in response to critical situations, in brief.

The fire and rescue team
evacuated the flood affected
families and taken them to
the nearest camp.
The task force saved a person
who was on the second floor of the
double storey building.

Further action taken by the recipients/stakeholders

The rescue team evacuated
a patient and admitted The
General Hospital, Kettayam

When did the Stakeholder/representative arrive at EOC/ICP

8.30 am.

What was your contribution in the Mock Drill?

Mock Drill was conducted and made all arrangements including transportation and Food

Learning from Mock Drill

The participants got mental courage to face necessary disaster situations and how to make aware the people to face the flood situations

Suggestions for improvement

We want to conduct more Mock drill exercise with full army men.

Any other Information, you would like to convey.

Nil

Manpower Resources available and how much manpower carried to ICP

65 people manpower used
for this Mock Drill

Equipment material carried

Hitachi Excavator, Lorry, Jeep,
Van etc.

Vehicle brought (types) :-

- (a) For use of EOC/ Rescue and relief work
- (b) Self use

- a) Mini Bus
- b) Jeep (covered)

Difficulties faced

No difficulties faced

Support Agencies available



TASK FORCE



Task Force No. 1

1. Location of Incident : Thiruvazhappur Village
 2. Supervisor : Tahsildar, Kottayam

	Name	Designation	Contact No.
Commander	<u>S. N. ANIL KUMAR</u>	<u>Tahsildar</u>	<u>9447196807</u>
Dy. Commander	<u>U. RAJEEV</u>	<u>Dy. Tahsildar</u>	<u>9447390157</u>

Sl. NO.	Composition	I/C Leader & Contact Details	Unit Size / Details
1.	NDRF	<u>Nil</u>	<u>-</u>
2.	SDRF	<u>Nil</u>	<u>-</u>
3.	District Police	<u>SI Kumaran</u> <u>9497980330</u>	<u>12 Nos</u>
4.	CAPF	<u>1</u>	
5.	Medical Team	<u>P.H. Center</u> <u>Thiruvazhappur</u>	<u>7 Nos</u>
6.	Ambulances	<u>P.H. Center</u> <u>Thiruvazhappur</u>	<u>1</u>
7.	Machinery/ICB/Equipment	<u>2 JCB</u>	<u>4 Nos</u>
8.	Telecommunication	<u>Nil</u>	<u>-</u>
9.	Reporting/Documentation Team	<u>Taluk Staff</u>	<u>12 Nos</u>
10.	Home Guard	<u>Nil</u>	<u>-</u>
11.	Fire & Emergency Services Team	<u>Fire & Rescue Team</u> <u>KTM - 9447083260</u>	<u>12 Nos</u>
12.	Rescue Vehicle	<u>Bus</u>	<u>1</u>
13.	(any other resources)	<u>Jeep</u>	<u>3</u>
14.	(any other resources)	<u>Students Police,</u> <u>NCC, Scouts</u>	<u>22.</u>



	REPORT BY OBSERVER	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Flood affected school Vivekananda LP School, Panch Changamukhy and a family nearby. Flood affected areas are evacuated and sheltered in a nearby camp.
2. Nodal Officer (Name)	ASIMON.T.P. Deputy Tahsildar, H.Q. Changamukhy
3. Alternate Nodal Officer (Name)	Thomas. (Deputy Tahsildar)
4. Observer (Name) & Organization	Sarwanan. M.A. CRPF,
5. What was the first reaction of the Nodal Officer/Org on receipt of information	Immediately informed Fire and Rescue team and with all facilities of rescue moved to flood area promptly.
6. What was their initial & subsequent assessment of the situations	Initially they involved in the action of protecting the life of the people in flood.
7. Duties undertaken by the Team Leader (Give details of duties)	a) Saved the life of the people, teachers & students. b) Sheltered safely in the relief camp. c) Give sufficient food and medical supplies. d) The bedridden persons are admitted in Gujjar Hospital, Changamukhy.
8. Resources Available and carried for the specific tasks	Fire force vehicles, Police vehicles, Ambulance, Bus and other transport vehicles, Medication, Food, Drinking water, Shelter and other facilities.
9. Was the organization able to carry out its assigned task? How would you assess their performance	Yes. Excellent performance

100% Success / 75% Success / 50% Success / 25% Success	95% success
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	Excellent performance

m.p. Saravanan
12/02/2023

Saravanan. M.A.

GL, CRPF,

Pallipparam

Thiruvananthapuram

SELF ASSESSMENT

Date and time : 29-12-2022

Place : Changanacherry Taluk, Kottayam District, Kerala

Name of the Organization / Department : Revenue Department

Name of the Team Leader : VIJAYASENAN T. I.

Designation in the Exercise and in parent organization :
Tahsildar and Incident Commander, Taluk Executive Magistrate

Type support function :

(Eg. Search & Rescue, Medical, Repair, Restoration of --- etc)

Evacuation and Rescue, Medical, Shelter, Food, Drinking Water, Medical Facility, Relief Camp

Time, source and contents of first message about incident received, and communication mode.

First message was received at 9.45 AM, on 29-12-2022 Thursday, the flood was affected in Govt. Vivekananda School, Paral, Changanacherry and the teachers and students of 50 Nos. are in flood. The message was passed by the Village Officer, Vazhappally West and also some residents nearby over telephone. Suddenly, Fire and Rescue, Fire Force, Ambulance, and bus facilities moved to the affected area and the rescue teams saved the life of the students and teachers. Then, the teachers and students are carried in School bus and other vehicles arranged, to the flood relief camp and they were provided with Medical Aid and food, drinking water and other basic facilities.

Action taken by the Team Leader in response to critical situations, in brief.

As a Team Leader immediately co-ordinated, Fire Force, Police, Ambulance & Medical teams and the LS GD and other departments, moved rapidly to the occurrence place. Simultaneously arranged relief camp facility, Food, Drinking Water, Medical Team, Light and also other basic facilities provided to the flood affected people immediately. Flood was worsely affected two families near Kumarankary bridge were drowning stage five members including bed ridden patient, also saved and accommodated safely. The bed ridden patient was shifted through Medical Ambulance and admitted to Govt. Hospital, Changanacherry. The situation is now under control and all the people in the affected area are located safely and comfortably.

Further action taken by the recipients / stakeholders :

All the proceedings in this rescue task has been reported to DEOC and the photography and videos were also send to the authority.

When did the Stakeholder / representative arrive at EOC/ICP

29-12-2022 Thursday 8.00 AM promptly

Manpower Resources available and how much manpower carried to ICP

About 100 manpower participated in ICP from different forces like Fire & Rescue, Police, CRPF and other department Medical, Civil Supplies & Food and Nutrition Safety department, KSEB, Education department NCC other voluntary associates etc..

Equipment material carried

Ambulance, Life jacket, Rope, School bus, Fire and Rescue equipments, Net, Torch Oxygen Cylinder, Police Vehicles, Other Department Vehicles, Rented Vehicles etc...

Vehicle brought (types) :

- (a) For use of EOC/Rescue and relief work : Ambulance, Fire & Rescue Vehicles,
(b) Self use School Bus, Other Department Vehicles,
Life Jacket, Rope Vehicles, Oxygen Cylinder
and Communication devices

Difficulties faced

Traffic hazards Ground management, Narrow roads, Scarcity of modern equipments, Ham Radio etc...

Support Agencies available

NGOS, Civil Defence Member, Other Voluntary organisation.

What was your contribution in the Mock Drill ?

The coordination and planning, and also give direction and commands who have engaged is rescue task. Receive direction and orders from DDMA and SDMA and also implement in the grass root level at its feasibility.

Learning from Mock Drill

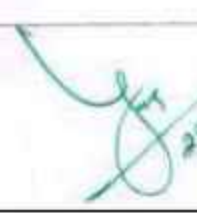
Mock Drill helped to handle the crisis situation without further complication in the event of actual situations arises. I have learned how to coordinate the various departments and organisation timely, promptly and rapidly with a view to handle when actual crisis will be arise in future.

Suggestion for improvement

Well equipped and facilitated Shelters in the flood affecting area is very essential. Training and practical knowledge to all govt. employee and proper awareness to the public. First Aid practices to the rural health unknown and govt. employees.

Any other information you would like to convey :

Sufficient monetary fund allocation to these tasks. Provide new vehicle for rescue operation.


25.12.22
TAKSILDA
CHANDANACHET


TASK FORCE



Task Force No. _____

1. Location of Incident : Changanaserry taluk, Parakkal Vilekannal
LP School,
2. Supervisor : _____

	Name	Designation	Contact No.
Commander	<u>VIJAYASEKARAN</u> T.I.	<u>Tahsildar & Incident Commander</u>	<u>94471 24237</u>
Dy. Commander	<u>SHAJI</u>	<u>Block Development Officer, Madappally</u>	<u>82810 40549</u>

Sl. NO.	Composition	I/C Leader & Contact Details	Unit Size / Details
1.	NDRF		
2.	SDRF		
3.	District Police ✓	<u>Richard Varghese</u> <u>Ph. 9497 987073</u>	<u>SHO Changanaserry</u>
4.	CAPF ✓	<u>Saravanan. M. A.</u> <u>Phone:</u>	<u>GC, CRPF</u> <u>Thiruvananthapuram</u>
5.	Medical Team ✓	<u>Dr. Aswathy</u> <u>95674 39762</u>	<u>95674 39762</u> <u>Govt. Hospital, Chay</u>
6.	Ambulances ✓	<u>Saju Hameed</u> <u>96262 96274</u>	
7.	Machinery/JCB/Equipment	<u>Lijo</u> <u>Ph. 9847864528</u>	
8.	Telecommunication		
9.	Reporting/Documentation Team ✓	<u>Shibu</u> <u>98479 98894</u>	<u>Assistant Editor</u> <u>PRD</u>
10.	Home Guard		
11.	Fire & Emergency Services Team ✓	<u>Sajimon. P. Joseph</u> <u>9497 920069</u>	<u>Fire & Rescue</u> <u>Station</u> <u>Changanaserry</u>
12.	Rescue Vehicle	<u>M. J. Rajan</u> <u>97474 7191</u>	<u>School Band</u> <u>Good Shepherd</u>
13.	(any other resources)	<u>NCC Cadets</u> <u>NSS Cadets</u>	<u>SBC College, Chay</u> <u>NSS College, Chay</u>
14.	(any other resources)		


 29.12.22
TAHSILDAR
CHANGANASERRY

	REPORT BY OBSERVER	
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Date: 29-12-2022.
Place - Pala Municipality.

1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Municipality, (2) Police, (3) Fire, Medical Team. Civil Department.
2. Nodal Officer (Name)	Shri - Rajendra Babu. RDO (SDM).
3. Alternate Nodal Officer (Name)	Shri - Sunil Kumar K. Thasiltay
4. Observer (Name) & Organization	B. HARI RAMA CHANDRAN HC/GO - GRPF. PPM.
5. What was the first reaction of the Nodal Officer/Org on receipt of information	The first informant village officer. To give to fire and police to. commands. Request officers. mt. Direction to mark Arrange to. village. officers. Res. Plan. to open Relief Camp and medical.
6. What was their initial & subsequent assessment of the situations	Two Passenger. fell in the river. it was assign there life. in 10 min. it. priority. First to. Resque there and. Ecty.
7. Duties undertaken by the Team Leader (Give details of duties)	First to. immediately Action. Police. control the Traffic on clor. Health department. in subdy action. Ready for Priming. direct ment. ad.
8. Resources Available and carried for the specific tasks	Boat, Amphibie, and men Boas. health. bed. and Ambulance. medical Equipments. Excavation. and is not. Vehicle, Battery, Boat.
9. Was the organization able to carry out its assigned task? How would you assess their performance	very good.

100% Success / 75% Success / 50% Success / 25% Success	100%.
10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)	That is Prof in very good Proficiency and medical treatment very nice but. Suggested in the Rathel. So not use. In the new So. Good not. Proficiency

Date - 29-12-22.

Place - Pala Municipality

by 

B. HARI RAMA CHANDRAN
HC/An. CRPF. PPM.
Kerala.

SELF ASSESSMENT

Date and Time : 29/12/2022 12.00PM

Place : Fitness International Gym ,Pala

Name Of Department : Revenue

Name of Team Leader : Sunil Kumar K

Designation in the exercise : Incident Commander

Type Support Function: Incident Commander

Time Source and contents of first message about incident received ,and communication mode

TIME : 9.08 AM

Communication Mode – Mobile Phone

Action Taken by Team Leader in response to critical situations,in brief :

Information has passed to fire and rescue and police forces for handling the situations and for evacuating people from the affected area

LSGD control room along with IAG Group were stimulated .Laison Officer has started a camp which was already been identified earlier .Food and civil supplies department and medical team with ambulances in the logistics section were provided sufficient medical aid and ensured the availability of food materials in camp as well as in staging area .The finance section along with resource and transportation units were opened in order to support the entire team with human resources finance and transportation

Further action taken by the stakeholders :

RTO -made the vehicles available for transportations

POLICE – controlled the traffic and also helped to evacuate people by avoiding a panic situation in public

FIRE AND RESCUE -rescued all the people from affected area using boats , ropes and life jackets

IAG and CIVIL DEFENCE -provided sufficient human resources for mitigation and also for first aid treatment

When did the stakeholder /representative arrive at EOC /ICP

Time – 8 AM

Man Power Resources available and how much manpower carried to ICP :

Civil Defence volunteers- 10

NSS Volunteers -25

LAG group – 30

Equipment Material Carried

Boat -1, Life Jacket -6, Rope – 1, Tubes – 4

Vehicle bought (types) :-

A. For use of EOC /rescue and relief works :

1. Van-1 ,Boat -1 ,Jeep -2, Fire Engine -1, Ambulance -3

B. Self use

Jeep-4

Difficulties faced

Lack of sufficient basic life saving materials

Absence of red cross team and ALS Ambulances to provide sufficient first aid treatment

Lack of wireless systems in order to communicate with officials in remote areas

inefficiency in using the advanced satellite technologies including mapping in order to get a primary information on the scale of disaster in affected area

Support Agencies Available :

1. NSS Volunteers

2. Local People

What was your contribution in mock drill

coordinated various departments and groups in order to conduct the disaster management procedures from beginning to end

Learning from mock drill

The event initiated by the DEOC itself was worth for learning other than the pre posted mock drill in pala the icp, within 20 minuts of time was able to handle the situation by evacuating the people from kidangoor village to relief camp. This helped to learn how to control the situation by coordination.

Learned about the capacity and resources that each department can provide
got a foresight about hurdles that may face in mitigation in the affected area

Suggestions for improvements

A separate mock drill for the civil volunteers and local people about self evacuation and preparedness may given at panchayath level at frequent intervals so that the people get an awareness about the procedures to be followed and procedures the are going to be done by the int's during disaster management.

Any other information would you like to convey

A mockdrill of disaster management with man-made hazards such as gas leakage ,dam leakage etc may be arranged by including all the portions of affected area after mapping the entire portion of affected area using emergency response guidelines and preparing a separate mitigation plan for such scenario on dam leakage will be highly solicited.

TAHSILDAR

SELF ASSESSMENT

Date and time :	29/12/2022 , 09.00 am
Place:	PALA municipal Area , Murikkumpuzha
Name of the Organization/Department:	FIRE & RESCUE SERVICES
Name of the Team Leader:	S.K. BIJOMON , STATION OFFICER FIRE & RESCUE STATION, PALA
Designation in the Exercise and in parent organization:	FIRE & RESCUE SERVICES

Type Support function :

(Eg. Search & Rescue, Medical, Repair, Restoration of --- etc)

Search & Rescue.

Time, source and contents of first message about incident received, and communication mode.

Date: 29/12/2022

Time in: 09:28 am ; time out: 09:29 am

Communication made by mobile phone.

First message: Following the rise of water in meenachil river near murikkumpuzha, houses in low-lying areas were flooded and two people were trapped in meenachil river.

Action taken by the Team Leader in response to critical situations, in brief.

Half of the ~~army~~ team personnel were assigned to rescue the victims using a rubber boat and the other half were assigned to rescue them from their homes. The rescued persons were brought to the nearby camp. Two of the victims were ~~rescued~~ ^{rescued} and brought from river and brought to nearby camp. The medical team present in the camp after preliminary examination, and one of them was taken to the general hospital due to his serious condition.

Further action taken by the recipients/stakeholders

* preliminary Examination taken by the medical team present in the camp to the victims.
* One of the victim was taken to the general hospital due to his serious condition

When did the Stakeholder/representative arrive at EOC/ICP

What was your contribution in the Mock Drill?

Rescue & Evacuation

Learning from Mock Drill

- * Coordination of departments should be made efficient
- * Give clear instructions to fake victims and make sure that these people follow them.

Suggestions for improvement

- * Improve departmental coordination a little bit & clarify it.
- * Ensure the mental & physical condition of fake victims before mockdrill.

Any other information, you would like to convey.

— NIL —

Manpower Resources available and how much manpower carried to ICP

Fire & Rescue Staff - 10

Civil defence Volunteers - 10

Equipment material carried

Rubber boat, life buoy, life jacket, rope

Vehicle brought (types) :-

(a) For use of EOC/ Rescue and relief work

(b) Self use

Ambulance, Fire Tender

- Jeep.

Difficulties faced

— NIL —

13/1/2009
02/1/23
STATION OFFICER
FIRE & RESCUE STATION
PALA - 686 575

TASK FORCE

Task Force No. _____

1. Location of Incident : FTNGSS INTERNATIONAL GYM, PALA

2. Supervisor : S. K. BIJUMON, STATION OFFICER, FIRE & RESCUE SERVICES - PALA

	Name	Designation	Contact No.
Commander			
Dy. Commander			

Sl. NO.	Composition	I/C Leader & Contact Details	Unit Size / Details
1.	NDRF	-	-
2.	SDRF	-	-
3.	District Police	Rajavaram, SI of Police 9025545497	5
4.	CAPE	-	-
5.	Medical Team	Dr. Solly P. Mathew 946241250	5
6.	Ambulances	Dr. Arun M. RMO, GH, PALA	2
7.	Machinery/JCB/Equipment	S. K. BIJUMON 9497972007	2
8.	Telecommunication	Arun Raj 9562120218	1
9.	Reporting/Documentation Team	Sajimon - 9447039480	1
10.	Home Guard	GEORGE M.D 9447400706	1
11.	Fire & Emergency Services Team	S. K. BIJUMON 9497972007	FIRE OFFICERS-10 CIVIL DEFENCE-10
12.	Rescue Vehicle	S. K. BIJUMON 9497972007	2
13.	(any other resources)	1ACI Volunteers Vijayan-9961397676	2
14.	(any other resources)	Evacuation Unit MANEESH - 701203075	1

TRANSPORTATION UNIT
DADA NAIKIAN-
9895719334

1

KASARGOD

9. Was the organization able to carry out its assigned task?

YES ALL ORGANIZATION DO HIS TASK IS CAREFULLY

11 How would you assess their performance?

100% Success / 75% Success / 50% Success / 25% Success


10. Observers Comments (overall opinion, good practices and weakness/ shortcomings noticed)

1. Good ACTION
2. TEAM SPIRIT
3. Good KNOWLEDGE OF HIS TASK & RESPONSIBILITY
4. COMMAND AND CONTROL
5. LOCAL PRIME CLEAR THE AREA AND QUAYS
6. DISEMBARKED ACTIVITY
7. FAST RESPONSE
8. GOOD COME TOGETHER AND ARRANGEMENT
9. LOCAL PUBLIC SPORE

NOTE OVER ALL IS VERY GOOD

SOME MINOR ISSUE OF WORK POINT

1. NOTE AVAILABILITY OF FA EQUIPMENT
2. AVOID COMMUNICATION


{ RAVVIR SINGH }

**STATE LEVEL MOCK EXERCISE ON FLOODS DISASTER
ORGANISED BY THE STATE OF KERALA IN COLLABORATION
WITH NATIONAL DISASTER MANAGEMENT AUTHORITY,
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA**

Report By Observer – Mock-Ex Site

1. Emergency Support Function

(e.g. Search & Rescue, Medical, Dead Body Management, Restoration of --)

- | | |
|-----------------|-------------------------|
| 1. LOCAL POLICE | A. AMBULANCE |
| 2. FIRE FORCE | X. CIVIL ADMINISTRATION |
| 3. MEDICAL REP | 6. MEDIA COVERAGE |
| | 7. GRAM PRADAN |

2. Nodal Officer (Name)
RESPONSIBLE OFFICER
MR. SURESH P JOHN

3. Alternate Nodal Officer (Name)
TAMILILAR, INCHERY COMMUNGER
MR. M. L. ANUDARAN

4. Observer (Name and Organisation)
SOP RAJIV R SINGH
DEFENCE SECURITY CORPS CENTER KANNUR, KERALA

5. What was the first reaction of the Nodal Officer/ Org on receipt of information
INFO TO ALL RESPONSIBLE PERS AND GIVE TEAM FOR
THE SITUATION AND GIVE THE RESPONSIBILITY TO ALL

6. What was their initial & subsequent assessment of the situations

TAKING THE FAST ACTION IMMEDIATE

7. Duties undertaken by the Team Leader (Give details of duties)

TEAM LEADER BRIF THE HIS RESCUE TEAM IN THE
SITUATION SIGHT

8. Resources Available and carried for the specific tasks

- | | |
|--------------------|-------------------------------|
| 1. LOCAL POLICE | 6. APPA MITYRA |
| 2. FIRE FORCE TEAM | 7. LOCAL TRANS PORTS |
| 3. AMBULANCE | 8. PWD REP |
| 4. HOME GUARDS | 9. CIVIL ADMINISTRATIVE STAFF |
| 5. MEDIA | 10. SATHI |
| | 11. GRAM PRADAN |

9. Was the organization able to carry out its assigned task?

Able to carry the work

9.1 How would you assess their performance

100 % Success / 75 % Success / 50 % Success / 25 % Success


90% - Success

10. Observers Comments (overall opinion, good practices and weakness/ shortcomings noticed)

very good practice. Respectful cooperation
for

STATE LEVEL MOCK EXERCISE ON FLOODS DISASTER
ORGANISED BY THE STATE OF KERALA IN COLLABORATION
WITH NATIONAL DISASTER MANAGEMENT AUTHORITY,
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA

Report By Observer - Mock-Ex Site

1. Emergency Support Function
(e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)
Search and rescue
2. Nodal Officer (Name)
Tehsildar
3. Alternate Nodal Officer (Name)
Tahsildar (LK)
4. Observer (Name and Organisation)
Ranjit Singh 
5. What was the first reaction of the Nodal Officer/ Org on receipt of information
Reached the spot and directed other department to conduct rescue operation and to Evacuate persons
6. What was their initial & subsequent assessment of the situations
Fire and rescue, Police and civil defence personnel evacuated 27 families. 15 Men & 12 - and rescued 3 drawers for
7. Duties undertaken by the Team Leader (Give details of duties)
Rescue and Evacuation of family from the spot
8. Resources Available and carried for the specific tasks
3 vehicles 14 fire fire personnel
& Home guards 30 civil defence vehicles
+ Heavy radio operators - Ambulance - 1
Rescue - 1 vehicle police - 1 vehicle, Dis

Q.1. Will the organization place its efforts on achieving goals?

Yes

Q.2. How would you assess their performance?

80% Success / 20% Success / 70% Success / 25% Success

75%

Q.3. Observer's Comments (overall opinion, good practices and weaknesses, challenges ahead)

Cooperation of all departments.

There is

More exercise is conducted
satisfactorily. But are required
to carry out the same operation.

[Signature]

STATE LEVEL MOCK EXERCISE ON FLOODS DISASTER
ORGANISED BY THE STATE OF KERALA IN COLLABORATION
WITH NATIONAL DISASTER MANAGEMENT AUTHORITY.
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA

Report By Observer - Mock-Ex Site

1. Emergency Support Functions
(e.g. Search & Rescue, Medical, Dead Body Management, Restoration of etc.)
Search & Rescue, and Medical Management
2. Nodal Officer (Name)
JASIDHARAN PILLAI (R.O.)
MAHARAJAN (INCIDENT COMMANDER)
3. Alternate Nodal Officer (Name)
EUGINE P (Deputy Incident Commander)
4. Officers (Name and Organisation)
ABHILASH P. DSC Centre, Kannur
5. What was the first reaction of the Nodal Officer (On receipt of information)?
Meeting of Nodal I.R.S is convened.
6. What was the initial & subsequent assessment of the situation?
Assessed the situation based on the helpline report, all team are arrived at the site and carried out rescue operation, evacuate people to rescue shelter arranged
7. Action undertaken by the Team Leader (Give details of actions)
Informed the P.W.D., Police and Medical team to arrive at the flood prone area and directed to take immediate action to evacuate people.
8. Resources Available and carried for the specific tasks
 1. Fire Force team with civil defence volunteers
 2. R.R.T of local self govt.
 3. N.H.S
 4. M.C.C 22 Kerala battalion
 5. Medical team
 6. Vehicle of various departments and school and local vehicle

9. Was the organization able to carry out its assigned task?

YES.

10. How would you rate the performance?

100% / 75% / 50% / 25% / Success

75%

11. Observe & comment on staff opinion, good practices and weakness/ shortcomings noticed

Excellent work done by the team.
Every team reacted to the situation very well. All equipments were ready on site, relief camps and medical aidpost were organized satisfactorily. These make available boats for rescuing more people.

Ajay Kumar (DSE)

Kannur

AS
2023

29/12/22

MOCK EXERCISE ON FLOODS DISASTER
ORGANISED BY THE STATE OF KERALA IN COLLABORATION
WITH NATIONAL DISASTER MANAGEMENT AUTHORITY,
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA

Report By Observer - Mock-Ex Site

1. **Key Personnel**
 Director: Assistant Deputy Commissioner, Kollam
 Search and Rescue: Flood examination, Building examination
 Medical team:
2. **Key Personnel**
 Deputy Commissioner - Deputy Collector (Endosifin)
 Municipal P.V. - Tahsiladar, Vellavandi
3. **Key Personnel**
 Dr. Sureshkumar - BDO Poozhi
 Asst. Commr - Keshava, Inspector of Police
 Retired
4. **Key Personnel**
 Jaykumar
 DSC Kollam
5. **Key Personnel**
 On receipt of information, called meeting
 of IPS members made awareness among them
 Prepared the action plan.
6. **Key Personnel**
 Local evacuation of people with the help
 of Local Self Government, Kollam Gramapanchayat
7. **Key Personnel**
 Rescued two people from the river and
 moved to relief camp and injured persons were
 hospitalized. Rescued students from building, surrounded
 by water
8. **Key Personnel**
 Fire engine + Dingo
 Ambulance, Medical equipments
 JCB, Tipper, Gny Vehicles, D
 Generators

9. Was the organization able to carry out its assigned task?

YES ALL ORGANIZATION DO THIS TASK IS CAREFULLY

9.1 How would you assess their performance

100% Success / 75% Success / 50% Success / 25% Success

10. Observers Comments (overall opinion, good practices and weakness/ shortcomings noticed)

GOD POINT

- a ACTION
- a TEAM SPIRIT
- a TASK KNOWLEDGE & RESPONSIBILITY
- a COMMAND & CONTROL OF TEAM LEADER
- a LOCAL POLICE CLEAR THE AREA & ROUTS
- a AMBULANCE ACTIVITY
- a FAST RESCUE
- a RESCUE CAMP LOC & ARRANGMENT
- a LOCAL PUBLIC SPORE

NOTE - OVER ALL IS VERY GOOD.

SOME MINOR ISSUE OF WEAK POINT :-

- a USE OF SEFTY
- a USE OF EQUIPMENT
- a NOTE AVAILARL OF DA EQUIPMENT
- a RADIO COMMUNICATION
- a MEDICAL REP NOTE AVAILARL IN AMBULANCE
- a AIR AMBULANCE
- a NOTE USE DRONS / UAV

Gopin

STATE LEVEL MOCK EXERCISE ON FLOODS DISASTER
ORGANISED BY THE STATE OF KERALA IN COLLABORATION
WITH NATIONAL DISASTER MANAGEMENT AUTHORITY,
MINISTRY OF HOME AFFAIRS, GOVT. OF INDIA

Report By Observer -- Mock-Ex Site

1. Emergency Support Function

(e.g. Search & Rescue, Medical, Dead Body Management, Restimation of -)

1 LOCAL POLICE 1 AMBULANCE
1 FIRE FORCE 1 CIVIL ADMINISTRATION
1 MEDICAL REP. 1 MEDIA COVERAGE

2. Nodal Officer (Name)

DEPUTY COLLECTOR (LR) KASRAGOD
MR. JAGGY PAUL

3. Alternate Nodal Officer (Name)

TANSILDAR MANJESWARAN
MR. RAJENDRAN V

4. Observer (Name and Organisation)

CAPT. JAGDISH SINGH
DEFENCE SECURITY CORPS CENTRE KANNUR

5. What was the first reaction of the Nodal Officer/Org on receipt of information

INFO TO ALL RESPONSIBLE PERS & BRIEF THEM FOR
THE SITUATION & GIVE THE RESPONSIBILITY TO ALL

6. What was their initial & subsequent assessment of the situations

TAKE THE FAST ACTION IMMEDIATE

7. Duties undertaken by the Team Leader (Give details of duties)

TEAM LEADER BRIEF THE HIS RESCUE TEAM IN THE
SITUATION SIGHT

8. Resources Available and carried for the specific tasks

1 LOCAL POLICE	1 APPDA MITRA
1 FIRE FORCE TEAM	1 LOCAL TRANSPORTS
1 AMBULANCE	1 PLW D-REP
1 HOME GUARDS	1 CIVIL ADMINISTRATIVE STAFF
1 MEDIA	1 BAPT

WAYANAD

DCW/YD/7483-2022-DMA

ജില്ലാ തുറന്ന നിവാരണ അതോറിറ്റി ഡയറക്ടറുടെ &
ജില്ലാ കളക്ടറുടെ കാര്യാലയം, വയനാട് കത്രിപ്പുറ്റം
പിൻ 673 522,ഫോൺ 04936-202251
ഇ-മെയിൽ : dmwynd@gmail.com
തീയതി - 24.01.2023

ജില്ലാ കളക്ടർ,
വയനാട്.

മേമ്പർ സെക്രട്ടറി,
കേരള സംസ്ഥാന തുറന്ന നിവാരണ അതോറിറ്റി,
തിരുവനന്തപുരം.

സർ,

വിഷയം > തുറന്നനിവാരണം - ഇൻസീഡന്റ് റെഗുലേറ്റ്ഡ് സിസ്റ്റം (IRS) - മോക്ക്
എക്സൈസസ് സ്ഥാപിച്ച് - നിർമ്മാണ സമർപ്പിക്കുന്നത് - സംബന്ധിച്ച്
സൂചന > 1) മേൽപ്പറഞ്ഞ തുറന്ന നിവാരണ അതോറിറ്റിയിൽ നിന്നുള്ള 05.12.2022 ലെ
02/326/1827/2022 നം. കത്ത്
2) ആ ഓഫീസിൽ നിന്നുള്ള 05.12.2022 ലെ ഇ-മെയിൽ സന്ദേശം.

മേൽ വിഷയത്തിലേയ്ക്ക് ശ്രദ്ധ ചേർക്കുന്നു. തുറന്ന നിവാരണ സംവിധാനങ്ങളുടെ കാര്യക്ഷമത ഉറപ്പു
വരുത്തുന്നതിനായി 29.12.2022 ന് ജില്ലയിൽ മോക്ക് എക്സൈസസ് നടത്തിയതുമായി ബന്ധപ്പെട്ടുള്ള വിവരങ്ങൾ
(ഡബിൾവർക്കർ ഛായാശ്ചിത്രം ഫോറം, ഫോട്ടോ തുടങ്ങിയവ) ഇതോടൊപ്പം സമർപ്പിച്ചുകൊള്ളുന്നു.

വിശ്വസ്തതയോടെ,

പി.എച്ച്.എക്സൈസ് ഓഫീസർ, DDMA &

ഡയറക്ടർ കളക്ടർ (ഭരണ), വയനാട്.

Mock Drill Report- Wayanad District

Date:	Time:	Locations:
29/12/2022	10 Am – 1 PM	Mandamala (Vythiri), Rattakolli (Kalpetta), Thacharakolli (Mananthavady), Akollykunnu (Mananthavady), Nellarachal(Sultan Bathery)

District Disaster Management Authority organized landslide Mock drills as per the instructions received from National Disaster Management Authority and Kerala State Disaster Management Authority. A Table Top exercise was organized on 27th December 2022. NDMA Member Secretary Major General Sudeep Bahl coordinated the Table Top exercise. Five landslide prone areas identified from the district to conduct mock drills. The departments which were participated are Revenue, Fire force, Police, LSGD, Health, PRD, Irrigation, Dam Authority, IAG and Motor Vehicle Department.

Time	Remarks
9.00 AM	Warning from SEOC has been received
9.01 AM	Warning has been passed to the concern TEOC & to the Tahsildar
9.15 A M	Landslide reported at Nellarachal, Ambalavayal
9.16 AM	Nellarachal landslide reported to SEOC
9.20 A M	Landslide reported at Mandamala ,Vythiri
9.22 AM	Mandamala landslide reported to SEOC
9.25 A M	Landslide reported at Rattakolli Kalpetta
9.26 AM	Rattakolli landslide reported to SEOC
9.35 AM	One death has been reported at Nellarachal
10.15 AM	Search and Rescue operations of Nellarachal has winded up
10.20 AM	Two landslides reported at Thacharakolli and Akollykunnu of Thirunelly Grama Panchayat
10.21 AM	Information passed to SEOC
11.30 AM	It was informed that a relief camp had been started at Aser LP school, Rattakolli and 15 people shifted to the camp
11.45 AM	Call from SEOC and enquired about current status
11.45 Am	Vythiri Taluk RO informed search and rescue

	operations completed
11.45 AM	Relief Camp opened at Thrissileery GHSS and 12 people shifted to the camp
11.55 AM	Akkellikunnu relief camp opened at CMS UP school and 9 persons shifted to the relief camp
12.05 PM	RO informed search and Rescue of Mananthavady Taluk had been completed.

District Level IRT Members

Incident Commander	Shaju NI, ADM
Operation Chief	Balakrishnan M U, DySP Narcotics Cell
Logistics Chief	Sudhakaran P, Road Safety Officer, MVI
Safety Officer	Dr.Saran Sara Mathew, Dy.DMO(H) Wayanad
Media Officer	Akhil George,
Liaison Officer	Joy Thomas, JS, DM section Collectorate Wayanad
Information Officer	Arun Peter, Hazard Analyst, DDMA Wayanad

Statistics

Sl No.	Taluk	Camp	Camp Inmates				House Damage Fully	House Damage Partially	Hospitalized	Death	Resources
			Male	Female	Children	Total					
1	Sulthan Bathery	Nellarchal School	7	8	1	15	Nil	Nil	4	1 male	ICB-1, jeep-1
2	Vythiri (Moodamala)	Govt. School Vythiri	20	22	10	52	5	7	3	2 male	ICB-1, jeep-2
3	Vythiri (Rattakolly)	Asher LP School	11	3	1	15	10	18	5	0	ICB-1, jeep-3
4	Mananthavady Thacharakolly	GHSS Thrissileery	7	5	0	12	Nil	Nil	1	0	ICB-1, jeep-3
5	Mananthavady Akkellikunnu	CMAUP School Thirunelly	5	6	0	11	Nil	Nil	9	0	ICB-1, jeep-2
Total			50	44	11	105	15	25	22	3	

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue, Medical, Dead Body Management, Restoration of --)	Revenue
2	Nodal Officer (Name)	Augustine m.j.
3	Alternate Nodal Officer (Name)	-
4	Observer (Name) & Organization	LINK. Sonjay Gupta
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Comened an action plan meeting nearer incident site
6	What was their initial & subsequent assessment of the situations	Not Dangerous under Control
7	Duties undertaken by the Team Leader (Give details of duties)	JCB - 1 one
8	Resources Available and carried for the specific tasks	Ambulance 2 No Fire vehicle 2 No
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success	Fire man - 8 Volunteers 20 100%.
10	Observers Comments (overall opinion; good practices and weakness /shortcomings noticed)	Good Practice all team

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue, Medical, Dead Body Management, Restoration of --)	Revenue
2	Nodal Officer (Name)	Mr Saji Varki
3	Alternate Nodal Officer (Name)	Mr P.K. Joshi
4	Observer (Name) & Organization	1/Capt Kishan Singh
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Conducted IRS meeting Prepared DR plan
6	What was their initial & subsequent assessment of the situations	Not danger. Under Control
7	Duties undertaken by the Team Leader (Give details of duties)	Over all co ordination
8	Resources Available and carried for the specific tasks	Co ordinate entire process through IRS incidental response system, Fire Engg, Amb Vch etc,
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success	75% Success
10	Observers Comments (overall opinion, good practices and weakness Shortcomings noticed)	Search and rescue operation was good. Victim injured perkins transported to Medical College Hospital Sulliam Bhatary All arrangement and medical attention are very good


 1/Capt Kishan Singh

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	REVEALED
2	Nodal Officer (Name)	DR. RAJESH - V B
3	Alternate Nodal Officer (Name)	DR. REHMAN
4	Observer (Name) & Organization	LINK Rajasekharan
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Convened Trg meeting Prepared ctm Plan
6	What was their initial & subsequent assessment of the situations	Not Dangerous under control
7	Duties undertaken by the Team Leader (Give details of duties)	Medical Attention Fasted Electroic Titement serum Persons are Referred to govt Hospital
8	Resources Available and carried for the specific tasks	Monorhythmic
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success	75% Success
10	Observers Comments (overall opinion, good practices and weakness (shortcomings noticed)	all arrangements are Very good

Sig: 
LINK Rajasekharan

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	Revenue
2	Nodal Officer (Name)	Shri Basheer KK
3	Alternate Nodal Officer (Name)	Shri Abdul Salam SYO
4	Observer (Name) & Organization	LANCE NAIR JASHWINDER SINGH
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	informed ^{all} the concerned numbers of TOEL
6	What was their initial & subsequent assessment of the situations	Not Dangerous under control
7	Duties undertaken by the Team Leader (Give details of duties)	Overall Co-ordination
8	Resources Available and carried for the specific tasks	JCB - 01 AMBULANCE - 01 LOCAL RESIDENCE - 20 CIVIL DEFENCE - 30
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success/25% Success	75%
10	Observers Comments (overall opinion, good practices and weakness /shortcomings noticed)	All arrangements and medical fire fighting teams, Police force and Rescue team are very good.



LANCE NAIR JASHWINDER SINGH

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue, Medical, Dead Body Management, Restoration of --)	Revenue
2	Nodal Officer (Name)	Setharo PU
3	Alternate Nodal Officer (Name)	Rakesh MC
4	Observer (Name) & Organization	Link- Rajendra Singh
5	What was the first reaction of the Nodal Officer / Org on receipt of information	Convened meeting at incident Command Post
6	What was their initial & subsequent assessment of the situation	Not Dangerous under control
7	Duties undertaken by the Team Leader (Give details of duties)	02x Ambulance 01x JCB
8	Resources Available and carried for the specific tasks	03x Fire service VEH 08x Fire man
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success / 25% Success	20x civil Defence Volunteers 75%
10	Observer's Comments (overall opinion, good practices and weakness / shortcomings noticed)	All Arrangement and medical Fire fighting team Police force and Rescue team are Very Good



Sig Singh

Link- Rajendra Singh

Sr No.	Aspect	Observation/Comment	Remarks
1.	Emergency Support Function/ EOC Name	E.g. Search & Rescue; Medical; Dead Body Management; Restoration of --	Rattakolli Kalpatta
2.	Nodal Officer	(Name)	Tomichan Arany (Headed) Vattay
3.	Alternate Nodal Officer	(Name)	Prithvi G.H. Kalpatta
4.	Observer	(Name & Organization)	Tha. Arany (NDRF)
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?		Immediately all state holders i.e., Fire & Rescue, Police, Health Department, and civil defense.
6.	Their initial & subsequent assessment of the situation?		All the stakeholders received at the Incident from 1st 5 mins.
7.	Duties undertaken by the Team Leader	(Give details of duties)	The team split the whole team to 3 different groups and provide with proper direction.
8.	Resources Available and utilised for the specific tasks	incl assessment of shortfall & plans for making up. Whether prioritisation done in application. Integration of volunteers/ NGOs. Optimum use of NDRF, BRO etc	2 Ambulance in 3 pairs with stretchers from 9ender with all equipment. 2 chainsaw, rope, rammer, shovel, crow bar, spike.
9.	Was the organization able to carry out its assigned task?	100 % Success / 75 % Success / 50 % Success / 25 % Success 100 % Success / 75 % Success / 50 % Success / 25 % Success	100% Success
10.	Observers Comments	(personal opinion, good practices and weakness / shortcomings noticed)	Communication Gap Laid way Ambulance

[Signature]
 20/04/20
 R. V. B.

KOZHIKODE

	REPORT BY OBSERVER	
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1) Emergency Support function (e.g. Search, & Rescue ; Medical; Dead Body Management; Restoration of--): Dist. Administration, SEOC, DEOC, SDRF Police control room, Fire rescue service, Health Department , Local-NGOs, Municipal-Corporation, CAPFs, Village level first rescuer, Transport department.

2) Nodal Office Shri Narasimhugari T.L.Reddy, IAS, District collector Kozhikode.

3) Alternate Nodal Office (Name): Smt.ANita kumari, Dy collector Disaster management.

4) Observer (Name) & Organization: VIKASH Yadav, Sub-Inspector
04th BN NDRF ARAKKONAM
(TN)

5) What was the first reaction of the Nodal Officer/ Org on receipt of information: On 29.12.22, at about 09:08 Hrs a flood warning was received from KSDMA. District Collector immediately passed necessary direction to DEOC for deployment for SDRF as well as Fire service for evacuation the civilians from affected area. Simultaneously the same was conveyed to all responding agencies through DEOC at 09:10 Hrs.

6) What was their initial & subsequent assessment of the situation:

The emergency scenario of "FWR/Aquatic disaster" was stimulated on 29.12.2022 at 09:00hrs. At about 09:08Hrs a message received from the KSDMA to DEOC Kozhikode, at 09:09 Hrs. another flood warning received from KSDMA. At 0910 Hrs DEOC immediately message given

to TEOCs . At 0911Hrs IRS Activated, District Collector immediately passed necessary direction to DEOC and TEOC for deployment for SDRF as well as Fire service district medical officer, District motor vehicle officer for evacuation and Search and Rescue operation.

As per the scenario and pre-decided sequence of actions for the mobilization of teams from their respective bases, Fire service reached at incident site and started rescue ops. cordoned the surrounding area of the incident site and effectively managed the crowd control.

As the situation become normal and control of district resources, DDMA communicated their DEOC, Kozhikode as well as SEOC C/Room.

A well-equipped SAR team of fire department, Kozhikode immediately rushed to the spot and after reaching incident site fire rescue divided into Task Forces i.e., Boat 1 & 2, Cordoning Sub-team, Rescue and Evacuation sub-team 1 and 2, Medical sub-team and Logistic support team. The rescue ops started . Total 373 members were evacuated from 5 locations (Olavanna, Mavoor, Thiruvallur,Koduvally, Arikkulam) houses which was surrounded from flooded water due to flash flood 17 people injured out of them 02 casualties and after providing first aid, These 17 people send for higher medical care through Ambulance.

At 1050Hrs DEOC received all 05 teams rescue and evacuation operation completed message from all concerned agencies and incident commander.

7) Duties undertaken by the Team Leader (Give Details of duties):

Team commander sized up the scene and briefed the situation at incident site and sequence of action to all the sub teams like Boat 1 & 2, Cordoning team, Rescue and Evacuation team 1 and team 2, Safety officer, Communication station, MFR station. Safety officer informs the team commander that all the station can be established. After briefing to team

members, team commander asks safety officer to come forward and brief all the team members about safety of individual and safety norms and emergency signals.

On instruction of Team commander, approaching towards victim location was conducted by boat. Team commander also instructed to safety officer for ensuring the safety of each team member who advancing towards incident site. During search of the area, find 17 injured victims at the site out of them 02 casualties in the flood area and immediately perform triage of victims the as per their condition.

8) Resources Available and carried for the specific tasks: Disaster equipment like boat, cutter, life jacket, life-buoy etc., Emergency medicine kit with Ambulance, Generator, Fire tender. NGO's and volunteers were also available in the mock exercise site's

9) Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75%Success/50% Success/25% Success: Yes as per DM plan and their performance was 100% success.

10) Observer comments (overall opinion, good practice and weakness / shortcomings noticed)

Good practice:

- ▶ Participation of all the stake holders make it fruitful to understand the roles of sister agencies.
 - ▶ All concerned agencies and all of them played an active role during Mock Exercise.
 - ▶ All stake holders displayed effective co-ordination among each other.
 - ▶ Timely reporting at the incident site and response as per plan.
 - ▶ Sufficient vehicles are available for proper transportation.
 - ▶ All responding agencies done their roles in a very good manner.
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- ▶ The Police acted in a very efficient manner to maintain the route to designated Hospital traffic free.

Suggestions

- ▶ To enhance the capacity of search and rescue team (SAR) they should use new equipments as drone technology for better surveillance of remote areas.
- ▶ Some alternative means of communication such as walky- talky , satellite phone, QDA and HAM radious should be included.
- ▶ Air transport facility should be included

Submitted By:-

SI\Exe VIKASH Yadav
Force No 160202052

CT\GD Sreejith H S
Force No 120102792

04 Bn NDRF,
Arakkonam,
Tamil Nadu

IDUKKI

 सत्यमेव जयते	<u>REPORT BY OBSERVER</u>	
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1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	Dist. Administration, SEOC,DEOC,SDRF Police control room, Fire rescue service, Health Department , Local-NGOs, Municipal-Corporation, CAPfs, Village level first rescuer, Transport department.
2. Nodal Officer (Name)	Smt. Sheeba George (IAS)
3. Alternate Nodal Officer (Name)	Shri Shaiju P Jacob (ADM)
4. Observer (Name) & Organization	Kuldeep Yadav, Sub Inspector 04 th Bn. NDRF Arrakkonam(TN)
5. What was the first reaction of the Nodal Officer/Org on receipt of information	On 29.12.2022, at about 09:00 Hrs DEOC received a Red Alert warning from IMD through KSDMA. High level warnings were issued from DEOC to all TEOCs. After that msg. received, District Collector immediately necessary direction passes to DEOC for deployment for SDRF as well as Fire service for evacuation of the civilians from the affected area. Simultaneously also the same was conveyed to all responding agencies through DEOC.
6. What was their initial & subsequent assessment of the situations	The emergency scenario of “FWR/Aquatic disaster & Landslide” was stimulated on 29.12.2022 at

	<p>09:05 hrs at Five Taluks of Idukki District . The message of simulation was immediately communicated to DEOC, Idukki. Situational analysis was carried out at TEOCs level and reported to DEOC. KSEB analyzed the present status of the DAMS in the district. Irrigation department analyzed the reports of Central Water Commission (CWC) and reported the same to DEOC.</p> <p>Special alert issued to Taluks and villages to take necessary actions on the low-lying area of the district as per the DM plan. Special alert issued to landslide susceptibility areas of the district as per the Landslide susceptibility map of the DM plan.</p>
7. Duties undertaken by the Team Leader (Give details of duties)	<p>Issued an order to close down all educational institutions in the district including the anganwadis.</p> <p>Issued an order to immediately close down all the activities under MGNREGA</p> <p>Issued an order to close down all the tourism related activities in the district.</p> <p>Issued an order to close down the activities of all crusher units in the district Opening of relief camps if necessary.</p> <p>Between 9.30 am and 9.45 am five landslides were reported at different</p>

	<p>locations of the district. An emergency DIRT meeting has convened and ordered immediate actions on the sites where landslides reported. Local government IRTs were activated at the sites where the landslides occurred.</p> <p>An IAP (Incident Action Plan) was created at District and Taluk level. Situation assessments were carried out at the sites and reported back to DEOC. Onsite Incident Command Post (ICP), Staging area, Medical Aid post, Camp for relief workers and relief camps were identified and marked near to the simulation sites on an urgent base.</p> <p>A request from ICP (incident command post) near Kattappana Municipality has reached to DEOC at 10 am for an Air rescue as two persons were trapped in the landslide. Communication passed from DEOC to SEOC. With the help of a Navy helicopter two were rescued and shifted to the hospital around 10:45 am.</p>
8. Resources Available and carried for the specific tasks	Cranes, Hydras, Generators, Cutters, Ambulances, Fire Tender etc.
9. Was the organization able to carry out its assigned task? How would you	Yes as per DM plan and their performance was 100% success.

<p>assess their performance</p> <p>100% Success / 75% Success / 50% Success / 25% Success</p>	
<p>10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)</p>	<p>Good practice:-</p> <p>IRS system was setup as per DM plan and all stakeholders were present.</p> <p>Participation of all the stake holders make it fruitful to understand the roles of sister agencies.</p> <p>Participation of Volunteers and Civil Defence was commendable.</p> <p>All concerned agencies and all of them played an active role during Mock Exercise.</p> <p>All stakeholders displayed effective coordination among each other.</p> <p>Timely reporting at the incident site and response as per plan. .</p> <p>All responding agencies did their roles in a very good manner.</p> <p>Medical staff handled the serious persons with proper precautions.</p> <p>The Traffic Police acted in a very efficient manner to maintain the route to designated Hospital traffic free.</p> <p>Suggestions:-</p> <p>Public Announcement systems, hooters, Sirens etc should be pre-installed in vulnerable areas to</p>

	<p>convey alert messages during any emergency.</p> <p>A Common language and signals for communication to residents and communication between various agencies working at the incident site may be effective for smooth operations. This can be done using community awareness programs, Familiarisation exercise at schools, colleges and vulnerable areas.</p> <p>All Stakeholders may try to switch to walkie talkie/HF/VHF sets and QDA Set for communication as in disaster scenario like flood or landslide, mobile phone communication and Internet gets interrupted. Quick Deployable Antenna (QDA) is used to maintain continuous communication in the inaccessible regions, in a crisis. QDA enables satellite communication. It can facilitate communication with the people from the inaccessible areas, in emergency and crises.</p> <p>More Vehicles, Ambulances and rescue & evacuation equipment like Excavator etc, FWR equipment like Life jackets, Life buoy should be kept in stock in case of mass Disaster Scenario.</p> <p>Technological use of Drones may be taken in case of disasters for taking stock of situation since clearing route to site and air support may take time.</p>
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KANNUR



Office of the District Collector, Kannur

Dated : 27-01-2023

e-mail: dcknr.ker@nic.in

Phone: 0497-2700645

No.DCKNR/13705/2022-DM1

From

District Collector,
Kannur

To

Member Secretary,
Kerala State Disaster Management Authority
Thiruvananthapuram

Sir,

Sub:- KSDMA- Mock Exercise Conducted- Report Submitted- Reg-

Ref:- No. MTO IV/2684/2022/Admin dated 13.12.2022 of KSDM

Attention is invited to the reference. A detailed report of the mock exercise conducted on 29.12.2022 in Kannur District in connection with floods at the state level as per the decision of National Disaster Management Authority is enclosed herewith.

Yours Faithfully

District Collector

Kannur

DISTRICT COLLECTOR

Signed by

Chandrasekar S

Date: 27-01-2023 13:57:05

കണ്ണൂർ ജില്ലയിൽ അഞ്ച് സ്ഥലങ്ങളിലായി നടന്ന മോക്ക് ഡ്രില്ലിന്റെ റിപ്പോർട്ട്

ദേശീയ ദുരന്ത നിവാരണ അതോറിറ്റിയും സംസ്ഥാന ദുരന്ത നിവാരണ അതോറിറ്റിയും സംയുക്തമായി ജില്ലയിലെ തിരഞ്ഞെടുക്കപ്പെട്ട പഞ്ചായത്തുകളും മുനിസിപ്പാലിറ്റികളും കേന്ദ്രീകരിച്ച് പ്രളയ ദുരന്തവുമായി ബന്ധപ്പെട്ട മോക്ക് എക്സർസൈസ് നടത്താൻ നിർദ്ദേശിച്ചതിന്റെ ഭാഗമായി കണ്ണൂർ ജില്ലയിൽ 29/12/2022-ന് മോക്ക് എക്സർസൈസ് നടത്തിയിരുന്നു. ഇരിട്ടി, കണ്ണൂർ, തലശ്ശേരി, പയ്യന്നൂർ, തളിപ്പറമ്പ് താലൂക്കുകളിലായ് അഞ്ചിടങ്ങളിലായാണ് മോക്ക് ഡ്രില്ലി വീജ്യാകരമായി പൂർത്തീകരിച്ചത്. സംസ്ഥാനതലത്തിൽ 27/12/2022-ന് നടത്തിയ ടേബിൾ ടോപ്പ് എക്സർസൈസിൽ പങ്കെടുക്കുക വഴി വിവിധ വകുപ്പുകളുടെ ഉത്തരവാദിത്തങ്ങളും ഏകോപനവും ഐ ആർ എസിന്റെ നടപടിക്രമങ്ങളെ കുറിച്ചുള്ള അവഗാഹവും സാധ്യമായി. തുടർന്ന് വിവിധ വകുപ്പുകളുടെ യോഗം വിളിച്ച് ചേർക്കുകയും മോക്ക് ഡ്രില്ലിൽ അവർ നിർവഹിക്കേണ്ട ചുമതല വ്യക്തമാക്കുകയും ചെയ്തു. അന്നേ ദിവസം നടത്തിയ വെള്ളപ്പൊക്ക ദുരിതാശ്വാസ പ്രവർത്തനം സംബന്ധിച്ച റിപ്പോർട്ട് ചുവടെ ചേർക്കുന്നു.

Sites Selected for Mock Exercise and Allied IRS Facilities						
Taluk	Place for Exercise	Name of Mock	Panchayath	Name of Building for Incident Command Post	Name of the Building for Staging Area	Name of the building for Medical Aid Post
Iritty	Thottippalam, Peratta		Ulikkal	Taluk Office, Iritty	Peratta, Thottippalam	Peratta, Thottippalam
Kannur	Pulloopi Kadavu		Chirakkal	Taluk Office, Kannur	Village Office, Chirakkal	PHC Puzhathi
Payyannur	Perumba Velluva Colony		Kunhimangalam	Taluk Office Payyanur	Taluk Office Payyanur	Peevees Buisiness Links, Velluva Colony Road
Thalassery	Eranholi River Side, Near Eranholi Bridge		Eranholi	Taluk Office Thalassery	Taluk Office and Municipal Stadium, Thalassery	Eranholi West U P School
Thaliparamba	Sreekandapuram Nivil Hospital and Surrounding Area		Sreekandapuram Municipality	Sreekandapuram Municipality Office Building	St Thomas Asramam Kottoor Parish Hall	St Thomas Asramam

കണ്ണൂർ താലൂക്ക്:

Scenario	Flood	<p>സംസ്ഥാനത്ത് അതി തീവ്ര മഴ തുടരുന്ന സാഹചര്യത്തിൽ കണ്ണൂർ ജില്ലയിൽ 29/12/2022 ന് റെഡ് അലർട്ട് പ്രഖ്യാപിച്ചതായി രാവിലെ 9:11-ന് സന്ദേശം ലഭിച്ചു. 9:30-ന് ചിറക്കൽ വില്ലേജിലെ പൂജപ്പിക്കടവിൽ വെള്ളം ശ്രമാന്തിതരായി ഉയരുന്നതായും രണ്ട് തോണി മറിഞ്ഞ് മൂന്ന് മത്സ്യ തൊഴിലാളികളെ കാണാതായതായും വില്ലേജ് ഓഫീസർ റിപ്പോർട്ട് ചെയ്തു. അപ്പോൾ തന്നെ ഇൻസിഡൻസ് റെസ്പോൺസ് ടീംഗങ്ങൾ മുഖാന്തിരം ഫയർഫോഴ്സ് പോലീസ്, ആരോഗ്യം, ആർ. ടി. ഓ, എന്നിവർ ടി. സ്ഥലത്തെത്തി പ്രവർത്തനത്തിലേർപ്പെടാൻ നിർദ്ദേശം നൽകി.</p> <p>തോണി മറിഞ്ഞ് അപകടത്തിൽ കൂട്ട് മൂന്ന് പേരിൽ രണ്ട് പേരെ ഡിഫൻസ് സെക്യൂരിറ്റി ക്രോപ്പിൻറെ രണ്ട് പേരെ ഡിഫൻസ് സെക്യൂരിറ്റി ക്രോപ്പിൻറെ</p>
Time at which information received	9:11 AM	
Time at which IRS formed	9:15 AM	
No of Casualties	3	
No of Deaths	1	
Moved to hospital	2	
Camps	1	
No of people evacuated	15	
Time at which rescue operation ended	10:53 AM	

നേതൃത്വത്തിൽ പൂഴയിൽ നിന്നെടുത്ത് ജില്ലാ ആശുപത്രി, കണ്ണൂരിൽ ആംബുലൻസിൽ എത്തിച്ചെങ്കിലും ഒരാളുടെ ജീവൻ രക്ഷപ്പെടുത്താനായില്ല. വിവരമറിഞ്ഞ് സ്ഥലത്തെത്തിച്ചേർന്നവരെ നിയന്ത്രിക്കുന്നതിന് പോലീസും വാഹനങ്ങൾ നിയന്ത്രിക്കുന്നതിന് ആർ. ടി. ഓ. ജീവനക്കാരും വേണ്ട വിധത്തിൽ പ്രവർത്തിച്ചു. ജനപ്രതിനിധികളുടെയും നാട്ടുകാരുടെയും മികച്ച പിന്തുണ രക്ഷാ പ്രവർത്തനത്തിന് ലഭിച്ചു.

മഴ ശക്തമായതോടെ മുൻകരുതലിന്റെ ഭാഗമായി പ്രളയബാധിത പ്രദേശമായ പൂജപ്പിക്കടവിലെ 8 കുടുംബങ്ങളെ പൂഴാതി ഹയർ സെക്കണ്ടറി സ്കൂളിൽ ആരംഭിച്ച ദുർന്താശ്വാസ ക്യാമ്പിലേക്ക് മാറ്റി പാർപ്പിച്ചു. ചിറക്കൽ പൂഴാതി വില്ലേജുകളിലെ നാലു വീതം കുടുംബങ്ങളെയാണ് മാറ്റി പാർപ്പിച്ചത്. 10 സ്ത്രീകൾ, 3 പുരുഷന്മാർ, 2 കുട്ടികൾ എന്നിവരാണ് ക്യാമ്പിൽ എത്തിയത്. പന്ത്രണ്ട് മണിയോടെ മഴ ദുർബലമാവുകയും വെള്ളം ഇറങ്ങിത്തുടങ്ങുകയും ചെയ്തിനാൽ വീടുകൾക്കോ മറ്റോ കാര്യമായ നാശനഷ്ടങ്ങളുണ്ടായിട്ടില്ല.

ക്യാമ്പിൽ എത്തിച്ചേർന്നവരുടെ ആരോഗ്യസ്ഥിതി ആരോഗ്യ വകുപ്പിലെ ജീവനക്കാർ പരിശോധിച്ച് ആവശ്യമായ പ്രഥമ ശുശ്രൂഷ നൽകി. പൂഴാതി വില്ലേജ് ഓഫീസറുടെ നേതൃത്വത്തിൽ ക്യാമ്പ് മികച്ച രീതിയിൽ പ്രവർത്തിച്ചു. എല്ലാ കുടുംബങ്ങളും ബന്ധുവീടുകളിൽ പോകാൻ സന്നദ്ധത അറിയിച്ചതിനാൽ ക്യാമ്പ് ഉച്ചയോടെ പിരിച്ചു വിടാൻ തഹസിൽദാർ അറിയിപ്പു നൽകി.

തളിപ്പറമ്പ് താലൂക്ക്:

29/12/2022-ന് ജില്ലാ കലക്ടർ കണ്ണൂർ ജില്ലയിൽ റെഡ് അലർട്ട് പ്രഖ്യാപിച്ചു. രാവിലെ 9:00 മണിക്ക് സന്ദേശം ലഭിച്ചതുകൊണ്ട് തളിപ്പറമ്പ് TEOC യിലേക്ക് എത്തിച്ചേരുവാൻ ഇൻസിഡൻ്റ് റെസ്പോൺസ് ടീമിന് നിർദ്ദേശം നൽകി. ഭാഗശ്രമകരായിരിക്കുവാനുള്ള നിർദ്ദേശം തളിപ്പറമ്പ് താലൂക്കിലെ എല്ലാ വില്ലേജ് ഓഫീസർമാർക്കും താലൂക്ക് ജീവനക്കാർക്കും നൽകുന്നതോടൊപ്പം അഗ്നി രക്ഷാസേന, ആരോഗ്യവകുപ്പ്, പോലീസ്, ആർ.ടി.ഒ, പഞ്ചായത്ത് അധികൃതർ എന്നിവർക്കും നൽകി. ശ്രീകണ്ഠപുരം വില്ലേജിലെ

തളിപ്പറമ്പ്-ഇരിട്ടി റോഡിലെ ശ്രീകണ്ഠപുരം പാലത്തിന് സമീപം പുഴയിൽ അപകടകരമായ നിലയിൽ വെള്ളം ഉയരുകയും പ്രസ്തുത സ്ഥലത്തുള്ള നിവിൽ ഹോസ്പിറ്റലിൽ വെള്ളം കയറിയാതായും 9.30ന് ശ്രീകണ്ഠപുരം വില്ലേജ് ഓഫീസർ റിപ്പോർട്ട് ചെയ്തു. ഉടൻ തന്നെ RT മുഖാന്തിരം ബന്ധപ്പെട്ട വകുപ്പിലെ ജനറൽ സ്റ്റാഫ് അംഗങ്ങൾക്ക് രക്ഷാ പ്രവർത്തനത്തിനായി ശ്രീകണ്ഠപുരം പ്രദേശത്ത് എത്തിച്ചേരാൻ നിർദ്ദേശം നൽകി. തൊട്ടടുത്ത പ്രദേശത്തെ ശ്രീകണ്ഠപുരം കോട്ടൂർ ചിറ്റൽ ഫ്ലാർ സ്മിളിൽ റിമീഫ് ക്യാമ്പ് ആരംഭിക്കാൻ വില്ലേജ് ഓഫീസർ ശ്രീകണ്ഠപുരം ശ്രീകണ്ഠപുരം മുനിസിപ്പൽ സെക്രട്ടറി എന്നിവർക്ക് നിർദ്ദേശം നൽകി.

Scenario	Flood	കാലത്ത് 9.30ന് റിമീഫ് ക്യാമ്പ് ആരംഭിച്ചു. ബേസ് ക്യാമ്പ്, സ്റ്റേഷൻ ഏരിയ, മെഡിക്കൽ എയിഡ് പോസ്റ്റ് എന്നിവ സ്ഥാപിച്ചു. നിവിൽ ഹോസ്പിറ്റലിൽ വെള്ളം കയറി കടുങ്ങി കിടക്കുന്ന നാലു രോഗികളെയും അവരുടെ പെയ്യുള്ളവരെയും രക്ഷപ്പെടുത്തി താലൂക്ക് ഹോസ്പിറ്റൽ ഇരിട്ടിയിൽ എത്തിക്കുന്നതിന് ഫയർ ഫോർസുമായി ചേർന്ന് പ്രവർത്തിച്ചു. വെള്ളപ്പൊക്ക ദുരിതത്തിനിരയായ 83 കുടുംബങ്ങളിലെ മൂന്നുനേളം ആൾക്കാരോട് ദുരിതാശ്വാസ ക്യാമ്പിലേയ്ക്കോ സുരക്ഷിതമായ ബന്ധു വീടുകളിലേയ്ക്കോ മാറിത്താമസിക്കുന്നതിനു നിർദ്ദേശിക്കുകയും അവരെ സുരക്ഷിത സ്ഥാനങ്ങളിലേക്ക് മാറ്റി താമസിപ്പിക്കുന്നതിനായി നടപടികൾ സ്വീകരിക്കുകയും ചെയ്തു.
Time at which information received	9:26 AM	
Time at which IRS formed	9:30 AM	
No of Casualties	4	
No of Deaths	0	
Moved to hospital	4	
Camps	1	
No of people evacuated	21	
Time at which rescue operation ended	10:40 AM	

നിവിൽ ഹോസ്പിറ്റലിൽ വെള്ളം കയറി കടുങ്ങി കിടക്കുന്ന നാല് രോഗികളെയും അവരുടെ കൂടെയുള്ളവരെയും രക്ഷപ്പെടുത്തി താലൂക്ക് ഹോസ്പിറ്റൽ ഇരിട്ടിയിൽ എത്തിക്കുന്നതിനും വെള്ളം കയറിയതിനെ തുടർന്ന് വീടുകളിൽ കടുങ്ങിയ ആറു പേരെ ഡിങ്കി ഉപയോഗിച്ച് രക്ഷപ്പെടുത്തുന്നതിനും കൂടാതെ അപകട സാധ്യതയുള്ള വീടുകളിൽ നിന്നും ആളുകളെ മാറ്റിപ്പാർപ്പിക്കുന്നതിനായി അഗ്നിരക്ഷാ സേനയിലെ 30പേരും സിവിൽ ഡിഫൻസ് അംഗങ്ങളായ 22 പേരും പങ്കെടുത്തു. .

പോലീസ് ക്രമസമാധാനം നിയന്ത്രിക്കുകയും ഗതാഗത നിയന്ത്രണം കൈകാര്യം ചെയ്യുകയും ചെയ്തു. മോട്ടോർ വാഹന വകുപ്പ് രക്ഷാപ്രവർത്തനത്തിന് ആവശ്യമായ വാഹന സൗകര്യം ഒരുക്കി. ആരോഗ്യ വകുപ്പ് രക്ഷാ പ്രവർത്തനത്തിന് ഓക്സിജൻ സൗകര്യമുള്ളതുൾപ്പടെ മൂന്നു ആംബുലൻസുകൾ ലഭ്യമാക്കി.

II മണിയോടെ മോക്ക് എക്സസൈസിന്റെ ഭാഗമായുള്ള ദുരിതാശ്വാസ ക്യാമ്പ് പിരിച്ചുവിടുന്നതിന് ഇൻസിഡന്റ് റെസ്പോൺസ് ടീം തീരുമാനമെടുക്കുകയും റിമീഫ് ക്യാമ്പ് 11.30-ന് പിരിച്ചുവിടുകയും ചെയ്തു.

ഇരിട്ടി താലൂക്ക്:

രാവിലെ 9.00 DEOC യിൽ നിന്നും വെള്ളപ്പൊക്ക സാധ്യതയുടെ സന്ദേശം ലഭിച്ചയുടനെ ഇരിട്ടി 9.15-ന് TEOC യിലേക്ക് എത്തിച്ചേരുന്നവൻ ഇൻസിഡന്റ് റെസ്പോൺസ് ടീമിന് നിർദ്ദേശം നൽകി. വീളമന വില്ലേജിലെ തൊട്ടിപ്പാലം പുഴയിൽ അപകടകരമായ നിലയിൽ വെള്ളം ഉയരുകയും ആളുകളെ മാറ്റി പാർപ്പിക്കേണ്ട സാഹചര്യം ഉടലെടുക്കുകയും ചെയ്തിട്ടുള്ളതായി വയത്തൂർ വില്ലേജ് ഓഫീസർ റിപ്പോർട്ട്

ചെയ്തു. അപ്പോൾതന്നെ ഇൻസിഡന്റ് റെസ്പോൺസ് ടീം അംഗങ്ങൾ മുഖാന്തിരം ഫയർഫോഴ്സ്, പോലീസ് ഹെൽത്ത്, ആർ.ടി.ഒ, പഞ്ചായത്ത് അധികൃതർ എന്നിവർ ടി സ്ഥലത്തെത്തി ദുരിതാശ്വാസ പ്രവർത്തനത്തിലേർപ്പെടാൻ നിർദ്ദേശം നൽകി. 9.30-ന് തൊട്ടടുത്ത പ്രദേശത്തെ പേരട്ട ഗവ.എൽ.പി. സ്കൂളിൽ റിമിഫ് ക്യാമ്പ് ആരംഭിക്കാൻ വില്ലേജ് ഓഫീസർ വിളമന പായം ഗ്രാമപഞ്ചായത്ത് സെക്രട്ടറി എന്നിവർക്ക് നിർദ്ദേശം നൽകി.

Scenario	Flood	രാവിലെ 9.35 മണിക്ക് പേരട്ട തൊട്ടിപ്പാലം എന്ന സ്ഥലത്ത് പുഴയിൽ വെള്ളം കയറി അവിടെ യുള്ള 3 വീടുകൾ ഒറ്റപ്പെട്ടു എന്നുള്ള സന്ദേശം ലഭിച്ചതിന്റെ അടിസ്ഥാനത്തിൽ അഗ്നി രക്ഷാ സേന സംഭവസ്ഥലത്ത് എത്തുകയും അവിടെ എത്തിയപ്പോൾ വെള്ളത്തിൽ വീണ ഒരാളെ രക്ഷിക്കുന്നതിനായി നാട്ടുകാരായ രണ്ടുപേർ പുഴയിൽ ഇറങ്ങുകയും അവർ മൂന്നുപേരും വെള്ളത്തിൽ അകപ്പെടുകയും ചെയ്തതായി അറിഞ്ഞു. ഉടൻ തന്നെ സേനാംഗങ്ങൾ സൂരക്ഷാ മാനദണ്ഡങ്ങൾ പാലിച്ചുകൊണ്ട് വെള്ളത്തിൽ ഇറങ്ങി ആ മൂന്ന് പേരെയും രക്ഷപ്പെടുത്തുകയും അതിൽ രണ്ട് പേർക്ക് ബോധക്ഷയമുള്ളതിനാൽ CPR നൽകുകയും തുടർന്ന് ആംബുലൻസിൽ ഇരിട്ടി അമല ആശുപത്രിയിലേക്ക് കൊണ്ടുപോവുകയും ചെയ്തു. തുടർന്ന്, പുഴയുടെ അക്കരെ മൂന്ന് വീടുകളിലായി ഒറ്റപ്പെട്ടുപോയ ആളുകളെ രക്ഷിക്കുന്നതിനായി സേനാംഗങ്ങൾ ഹെറാറിസോണൽ റോപ്പ് റെസ്ക്യൂ സംവിധാനം ഉപയോഗിച്ചു. തുടർന്ന് അതിലൂടെ ഒരാൾ അക്കരെ കടക്കുകയും തുടർന്ന് റോപ്പിലൂടെ 7 പേരെ ഇക്കരെ സുരക്ഷിതമായ സ്ഥലത്തേയ്ക്ക് മാറ്റുകയും ചെയ്തു. അതിൽ 2 സ്ത്രീകളും 5 പുരുഷന്മാരും ഉണ്ടായിരുന്നു. കൂടാതെ അപകട സാധ്യതയുള്ള വീടുകളിൽ നിന്നും ആളുകളെ മാറ്റിപ്പാർപ്പിക്കുന്നതിനായി സേനാംഗങ്ങളും പ്രവർത്തിച്ചു. ഈ പ്രവർത്തിയിൽ അഗ്നിരക്ഷാ സേനയിലെ 18 പേരും സിവിൽ ഡിഫൻസ് അംഗങ്ങളായ 18 പേരും പങ്കെടുത്തു.
Time at which information received	9:35 AM	
Time at which IRS formed	9:21 AM	
No of Casualties	3	
No of Deaths	0	
Moved to hospital	3	
Camps	1	
No of people evacuated	157	
Time at which rescue operation ended	10:45 AM	

ചെയ്തു. തുടർന്ന്, പുഴയുടെ അക്കരെ മൂന്ന് വീടുകളിലായി ഒറ്റപ്പെട്ടുപോയ ആളുകളെ രക്ഷിക്കുന്നതിനായി സേനാംഗങ്ങൾ ഹെറാറിസോണൽ റോപ്പ് റെസ്ക്യൂ സംവിധാനം ഉപയോഗിച്ചു. തുടർന്ന് അതിലൂടെ ഒരാൾ അക്കരെ കടക്കുകയും തുടർന്ന് റോപ്പിലൂടെ 7 പേരെ ഇക്കരെ സുരക്ഷിതമായ സ്ഥലത്തേയ്ക്ക് മാറ്റുകയും ചെയ്തു. അതിൽ 2 സ്ത്രീകളും 5 പുരുഷന്മാരും ഉണ്ടായിരുന്നു. കൂടാതെ അപകട സാധ്യതയുള്ള വീടുകളിൽ നിന്നും ആളുകളെ മാറ്റിപ്പാർപ്പിക്കുന്നതിനായി സേനാംഗങ്ങളും പ്രവർത്തിച്ചു. ഈ പ്രവർത്തിയിൽ അഗ്നിരക്ഷാ സേനയിലെ 18 പേരും സിവിൽ ഡിഫൻസ് അംഗങ്ങളായ 18 പേരും പങ്കെടുത്തു.

റെത്തുപ്പൊക്ക ദുരിതത്തിനിരയായ 32 കുടുംബങ്ങളെയും ഒരു മദ്രസയിലെ അന്തഃവാസികളെയും ഉൾപ്പെടെ ആകെ 157 പേരെ ഒരു മണിക്കൂർ നേരത്തെ രക്ഷാ പ്രവർത്തനത്തിന്റെ ഭാഗമായി റിമിഫ് ക്യാമ്പിലെത്തിച്ചു. (പുരുഷന്മാർ 71, സ്ത്രീകൾ 86) അതിൽ 27 പ്രായം ചെന്നവരും 37 കുട്ടികളും ഒരു ഗർഭിണിയും ഒരു ഭിന്നശേഷിക്കാരനും കൂടി ആകെ 157 പേരാണുണ്ടായിരുന്നത്. ക്യാമ്പിലേക്ക് ആളുകളെ മാറ്റുന്നതിലേക്ക് 5 ഓളം വാഹനങ്ങൾ ഉപയോഗിച്ചിട്ടുണ്ട്. Crane, JCB, Tipper മുതലായ വാഹനങ്ങൾ തയ്യാറാക്കിയിരുന്നെങ്കിലും ആവശ്യം വന്നിരുന്നില്ല. രക്ഷാപ്രവർത്തനത്തിന് വേണ്ടി 24 ആരോഗ്യപ്രവർത്തകരെയും ഒരു ആംബുലൻസും സജ്ജമാക്കിയിരുന്നു.

റിമിഫ് ക്യാമ്പ് 12.09-ന് പിരിച്ചുവിട്ടു. ഐ ആർ ടി 12.50-ന് പ്രവർത്തനം അവസാനിപ്പിച്ചു.

തലശ്ശേരി താലൂക്ക്

Scenario	Flood	സംസ്ഥാനത്ത് അതി തീവ്ര മഴ തുടരുന്ന സാഹചര്യത്തിൽ കണ്ണൂർ ജില്ലയിൽ 29/12/2022 ന് റെയ് അലർട്ട് പ്രഖ്യാപിച്ച സാഹചര്യത്തിൽ തലശ്ശേരി താലൂക്കിൽ വെള്ളപ്പൊക്ക സാധ്യതയുള്ളതായി രാവിലെ 9.27-ന് സന്ദേശം ലഭിച്ചു. 9.32 -ന് ഐ ആർ എസ് സംവിധാനം പ്രവർത്തനക്ഷമമാക്കി. എരഞ്ഞോളി വില്ലേജിൽ എരഞ്ഞോളി പാലത്തിന് സമീപത്തായി പുഴയിൽ വെള്ളം കയറി 5 കുടുംബങ്ങൾ അപകടത്തിലാണെന്ന് വില്ലേജ് ഓഫീസർ 9.42-ന് റിപ്പോർട്ട് നൽകി.
Time at which information received	9:27 AM	
Time at which IRS formed	9:32 AM	
No of Casualties	2	
No of Deaths	0	
Moved to hospital	2	
Camps	1	
No of people evacuated	18	
Time at which rescue operation ended	10:35 AM	എരഞ്ഞോളി പുഴയിൽ മുങ്ങിയ രണ്ടുപേരെ ഹയർഫോഴ്സ് സഹായത്തോടെ രക്ഷപ്പെടുത്തി. വീടുകളിൽ നിന്ന് ഒഴിയാൻ തയ്യാറാകാതിരുന്ന

മൂന്നു പേരെ പോലീസ് സഹായത്തോടെയാണ് മാറ്റിപ്പാർപ്പിച്ചത്. 10 മണിയോടെ എരഞ്ഞോളി വില്ലേജിൽ എരഞ്ഞോളി വെസ്റ്റ് യൂപി സ്കൂളിൽ ദുരിതാശ്വാസ ക്യാമ്പ് ആരംഭിച്ചു. ക്യാമ്പിൽ 9 സ്ത്രീകളും ആറ് പുരുഷന്മാരും മൂന്ന് കുട്ടികളും ഉണ്ട്. മെഡിക്കൽ ടീം ആംബുലൻസ് മറ്റ് സജ്ജീകരണങ്ങളോടെ സ്ഥലത്ത് ക്യാമ്പ് ചെയ്തു. ക്യാമ്പിലേക്ക് മാറ്റുന്നതിനുള്ള വാഹനങ്ങൾ എം വി ഡി ഒരുക്കി. രക്ഷാപ്രവർത്തനങ്ങൾ 10.45-ന് പൂർത്തിയായി.

പയ്യന്നൂർ താലൂക്ക്

Scenario	Flood	9.23-ന് മുന്നറിയിപ്പ് ലഭിച്ച ഉടനെ തന്നെ ഐ ആർ എസ് പ്രവർത്തനമാക്കുക വില്ലേജ് ഓഫീസർമാർക്ക് മുന്നറിയിപ്പ് നൽകുകയും ചെയ്തു. 9.35-ന് പൊതുമ പുഴയിൽ ക്രമാതീതമായി വെള്ളം ഉയരുന്നതായി റിപ്പോർട്ട് ലഭിച്ചു. ബന്ധപ്പെട്ട വകുപ്പിന് ദുരന്ത സ്ഥലത്ത് എത്തുന്നതിന് നിർദ്ദേശം നൽകുകയും ഫയർ & റെസ്ക്യ പോലീസ്, മെഡിക്കൽ ടീം, വെറ്റനറി വിഭാഗം, തദ്ദേശ സ്വയംഭരണ സ്ഥാപനം, റവന്യൂ വിഭാഗം, കെ.എസ്.ഇ.ബി.മോട്ടോർ വെഹിക്കൾ ഡിപ്പാർട്ട്മെന്റ് വിഭാങ്ങളിലെ ജീവനക്കാർ സ്ഥലത്ത് എത്തി പ്രവർത്തനങ്ങളിൽ ഏർപ്പെടുകയും ചെയ്തു.
Time at which information received	9:23 AM	
Time at which IRS formed	9:30 AM	
No of Casualties	3	
No of Deaths	0	
Moved to hospital	1	
Camps	1	
No of people evacuated	90	
Time at which rescue operation ended	10:35 AM	ദുരന്തത്തിൽ അകപ്പെട്ട പെരുമ്പ-വെള്ളുവ

കോളനിയിലെ 24 കുടുംബങ്ങളിൽപ്പെട്ട 44 പുരുഷന്മാരും 46 സ്ത്രീകളും ഉൽപ്പെടെ തൊണ്ണൂറ് പേരെയും

അമ്പത്തി ഒന്ന് വളർത്തു മൃഗങ്ങളെയും ഫയർ & റെസ്ക്യൂവിഭാഗം ഫൈബർ ബോട്ട്, സ്ക്വച്ചർ, ആംബുലൻസ് എന്നിവയുടെ സഹായത്തോടെ രക്ഷപ്പെടുത്തുകയും വൈദ്യസഹായം വേണ്ടവരെ സഹായത്തോടെ മെഡിക്കൽ ക്യാമ്പിലേക്ക് മാറ്റുകയും മറ്റുള്ളവരെ റിലീഫ് ക്യാമ്പിലേക്ക് മാറ്റുകയും ചെയ്തു. വെള്ളത്തിൽ അകപ്പെട്ട മൂന്നുപേരെ ഫയർ ഫോഴ്സ് രക്ഷപ്പെടുത്തി മെഡിക്കൽ ക്യാമ്പിലേക്ക് മാറ്റി. മെഡിക്കൽക്യാമ്പിൽ ഡോക്ടർ പതിശോധിച്ച് ഹോസ്പിറ്റലിൽ എത്തിക്കേണ്ടവരെ ആംബുലൻസിൽ ഹോസ്പിറ്റലിൽ എത്തിക്കുകയും പരിക്ക് ഇല്ലാത്തവരെ ക്യാമ്പിലേക്ക് മാറ്റുകയും ചെയ്തു. 12 കടുംബങ്ങളെ ക്യാമ്പിലേക്കും 25 കടുംബങ്ങളെ ബന്ധു വീടുകളിലേക്കും മാറ്റി പാർപ്പിച്ചു ക്യാമ്പിൽ 5 കുട്ടികൾ, 4 വൃദ്ധർ, 5 സ്ത്രീകൾ ഉൾപ്പെടെ 25 പേർ ഉണ്ട്.

10.09- ന് വള്ളുവ കോളനിക് സമീപം മരങ്ങൾ വീണു വൈദ്യുതി കമ്പികൾ തകർന്നു. ക്യാമ്പിലേക്കുള്ള വൈദ്യുതി പുനഃസിമാപിക്കുന്നതിനു KSEB ഉദ്യോഗസ്ഥർ ഉടനെ സ്ഥലത്തെത്തി . 10.40- ന് വൈദ്യുതി പുനഃസ്ഥാപിച്ചു. രക്ഷാപ്രവർത്തനങ്ങൾ 11.11-ന് പൂർത്തിയായി.



Taluk	Relief Camp	Total Residents	Male	Female	Children
Iritty	Govt LP School, Peratta	157	71	86	37
Thalassery	Eraniel West LP School	16	9	6	3
Kannur	Puzhathi HSS	15	3	10	2
Thaliparamba	Kottoor Little Flower School, Sreekandapuram	21	13	8	3
Payyannur	Peevees Business Links	25	15	5	5

പ്രപാർശകളും നിർദ്ദേശങ്ങളും

1. റിലീഫ് ക്യാമ്പുകൾ തയ്യാറാക്കുമ്പോൾ ദീർഘകാലാടിസ്ഥാനത്തിലേക്ക് തയ്യാറാക്കേണ്ടതുണ്ട്. രക്ഷ പ്രവർത്തനത്തിലേർപ്പെടുന്നവർക്കുള്ള ഭക്ഷണ/താമസ സൗകര്യങ്ങൾ, വൈദ്യുതി മുതലായവ ഒരുക്കേണ്ടതുണ്ട്.
2. റിലീഫ് സപ്ലൈ പോലുള്ള ആവശ്യങ്ങൾക്കായി സപ്ലൈ വകുപ്പിനെ ഉൾപ്പെടുത്താൻ സാധിക്കണം.
3. റെസ്ക്യൂ ഓപ്പറേഷൻ, റിലീഫ് മുതലായവ നടക്കുന്ന സ്ഥലങ്ങളിൽ ജനറേറ്ററിന്റെ അഭാവം ശ്രദ്ധയിൽ പെട്ടിട്ടുണ്ട്. ആവശ്യമായ ജനറേറ്ററുകൾ (ലൈറ്റ് ബെയ്റ്റ് & ഹെവി ബെയ്റ്റ്) ഔട്ട്സോഴ്സ് ചെയ്യാനുള്ള നടപടികൾ സ്വീകരിക്കണം.
4. എരഞ്ഞോളിയിൽ നടന്ന മോക്ക് ഡ്രില്ലിൽ ലൈഫ് ജാക്കറ്റ് ഇല്ലാതെയാണ് രക്ഷാപ്രവർത്തനം നടന്നതെന്ന് ശ്രദ്ധയിൽ പെട്ടു. ലൈഫ് ജാക്കറ്റുകളുടെ കുറവ് ഫയർ ആൻഡ് റെസ്ക്യൂ ഡിപ്പാർട്ട്മെന്റിന് ഉണ്ട്. 40-50 ലൈഫ് ജാക്കറ്റുകൾ കൂടുതലായി കണ്ടെത്തണം.
5. പൂഴിയിൽ ഫയർ ആൻഡ് റെസ്ക്യൂ ഡിപ്പാർട്ട്മെന്റും, ഡി.എസ്.സി., ഐ ആർ എസ്സും തമ്മിലുള്ള ആശയവിനിമയത്തിൽ ഉണ്ടായ പോരായ്മകൾ ശ്രദ്ധയിൽ പെട്ടു.

6. ഹാം റേഡിയോ ഓപ്പറേറ്റേഴ്സിനെ ഈ മോക്ക് ഡ്രിമിൽ ഉൾപ്പെടുത്താൻ സാധിച്ചിട്ടില്ല. ജില്ലയിലുള്ള ഓപ്പറേറ്റേഴ്സിന്റെ ഡാറ്റാബാങ്ക് തയ്യാറാക്കേണ്ടതുണ്ട്.
7. സിവിക് ആക്ഷൻ നന്നായി ചെയ്യാൻ സാധിച്ചിട്ടുണ്ട്. ഫസ്റ്റ് എയിഡ്, ഓക്സിജൻ മുതലായവയും ഒരുക്കാൻ കഴിഞ്ഞു.

482893

	File No: DCKNR/13705/2022-DM1 (Computer No: 130995)	
	482893/2022/Disaster Management REPORT BY OBSERVER	

1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	District Administration Kannur, SEOC, Kannur DEOC, DSC, State Police, Fire and rescue service, Emergency Response Team, Civil defense, Health Department, Local-NGOs, Municipal-Corporation, Village level first rescuer, Transport department, KSEB, Revenue etc. carries out evacuation, SAR, relief camp management, medical Aid camp and dead body management and identification etc. Emergency support functions at 5 locations in Kannur district.
2. Nodal Officer (Name)	Sh. Chandrashekhar S, IAS, District Collector , Kannur
3. Alternate Nodal Officer (Name)	Sh. Joseph K S (Dy Collector, DM Kannur)
4. Observer (Name) & Organization	SI/EXE S S Dangi 04 th BN NDRF ARAKKONAM (TN)
5. What was the first reaction of the Nodal Officer/Org on receipt of information	On receiving alert from DEOC, Nodal officer directed DEOC to alert concerned Taluk level incident commanders to prepare IRTs and to pass the information to concerned officials in IRS systems to make required arrangements on priority basis.
6. What was their initial & subsequent assessment of the situations	As per initial assessment five sites in districts had flood like situations where people and livestock were trapped and required evacuation. In subsequent

	assessment when river water started rising and road connectivity disrupted, need of Search and rescue by alternate means like boats and ropeways was suggested by nodal officer.
7. Duties undertaken by the Team Leader (Give details of duties)	<p>As per observations received from on-site observers following duties were undertaken by team leaders:</p> <ol style="list-style-type: none"> 1. Required teams and resources were moved on site on very short notice. 2. Disseminated Flood alert warning through Various Communication channel like VHF, Helpline Phone, WhatsApp, Public Addressing Systems Communicated to Inter departmental Team. 3. Co-ordinating Inter Departmental teams in search and rescue operation. 4. Assessment of situation and conducted search and rescue operation, moved victims to hospital/Shelter based on the TRIAGE done. 5. Managing transportation and traffic. 6. Managing relief camps with all necessities like food and clean water, medicines, beds, sanitation facilities etc. 7. Organizing Medical Aid camp on-site and at relief camps.
8. Resources Available and carried for the specific tasks	<p>Ambulances and rescue vehicles Ropes and safety accessories Rubber Dinkies Flood pumps Aska Lighting towers Scooba sets and Oxygen cylinders Chain saws</p>

<p>9. Was the organization able to carry out its assigned task? How would you assess their performance</p> <p>100% Success / 75% Success / 50% Success / 25% Success</p>	<p>As per the observations received from on-site observers and observations made at DEOC Kannur, mock exercise has been able to mobilize all agencies and based on co-ordination among teams and effective execution of DM plan it has been 100% successful.</p>
<p>10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)</p>	<p>In my opinion evacuation and SAR simulation was carried out effectively by SDRF, Fire and rescue, DSC, Local volunteers in a very coordinated manner. Other organization also played crucial role in managing other emergency support functions like setting up ICP, staging area, medical and relief camps, clearing routes and managing transport, restoring essential services like electricity etc.</p> <p>Good Practices observed during mock exercise:</p> <ul style="list-style-type: none"> -Level of co-ordination among agencies. -Involvement of livestock evacuation component. -Covid 19 precautionary supplies like masks, hand gloves, sanitizers etc. were also provided at relief camps. -Use of volunteers in managing relief camp and volunteer armbands worn by them to distinguish them easily.

	<p>-Ropeways were used by fire and rescue teams for evacuation where other transport mediums were not functional. All safety measures were present while operating ropeways.</p> <p>Areas of Improvement:</p> <p>-Body Cams can be used for live streaming of rescue operations.</p> <p>-Drone cameras can be used to locate victims easily and in getting real time situation update.</p> <p>-No. of life jackets and lifebuoy can be increased.</p> <p>-Backup power generators shall be provided to taluk or village level so in low light conditions also operations can be continued.</p> <p>-Community kitchens shall be started at relief camps as the number of evacuees gets increasing it will not be possible to provide them ready made food.</p>
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S/NO	ASPECT	Observation / Comment
1	Emergency Support Function EOC Name	Kannala Fire & Rescue Services
2	Nodal Officer	Sandip Kumar IAS (Sub Collector Thalassery)
3	Alternate Nodal Officer	Shreeba K (Tehsildar Thalassery)
4	Observers	SPG Nadesh Rajan M DSC Centre Kannur
5	What was the first reaction of the nodal officer on receipt of information?	Information fast to concerned in fire.
6	Their initial & subsequent assessment of the situation?	River rescue Aadmi ko jaldi se jaldi Hospital me lekar gaya
7	Duties undertaken by the Team Leader	Excellent Action Team Leader
8	Resources Available and Utilised for the specific task?	Scuba Set, Life Jacket, Lifebuoy -10, stretcher -01, Ambulance -02, Team Members- 10
9	Was the Organization able to carry out its assigned task?	Yes 100% Success
10	Observers Comments	Rescue team very Plened and Training Excellent team work is Excellent

S/No	ASPECT	OBSN/COMMENT
01.	Emergency Support Function/ EOC Name	Kerala Fire & Rescue Service Force EOC:- Iritty Taluk Emergency Operation Centre
02.	Nodal Officer.	Mr. Sashi C. Mob. Stn Officer (KF & RS) 9400546228
03.	Alternate Nodal Officer.	Mr. Mohanan T. Mob. Asst Stn Officer (KF & RS) 9495804985
04.	Observer.	Naib Subedar Mob. 7238013812 SUKH GIRI LIMBU (DSC Centre, Kannur)
05.	What was the first reaction of the Nodal officer/org on receipt of info.	Fast action Nodal officer is into passed to the concerned.
06.	Their initial & subsequent assessment of the situation.	Flood affected 60 persons shifted to relief camp and 02 persons evac to hospital.
07.	Duties undertaken by the team leader.	After receiving alert msg's conveyed to concerned departments like Fire & Rescue, Police, Health, Kwb, Lsgd
08.	Resources Avail and utilised for the specific task?	STR:- KF & RS = 30, Boats, strucker, Rope, chest Harness, sheet Harness, Medical items, Life Jacket, Helmet, Ambulance. Rep. utilised: NDRF, Police, Revenue, BRs
09.	Was the Org able to carry out its assigned tasks?	Yes 100% Success.
10.	Obsn/Comments	Excellent team work, Rescue team very planned, Co-ordinat and Good Proc.

IMP CONTACT Nos:-
 • Tahashildar Iritty - Mr Pragas CV. 8547618460
 • Tahashildar (LR) - Mr M. Laxmanan
 • ADM Kannur - Mr Diwakar
 • JRO Duv Iritty - Mr Banash (ex King) 8547877667
 • Crime Asst Stn off Iritty - Mr Mohyoot Vazhath 9447688065

ASPECT	File No. DCKNR/13705/2022-DM1 (Computer No. 130995)
1. Emergency support function Eoc Name	Observation / comment Rescue & medical and Restoration
2. NODAL OFFICER	Sameer TP (Revenue officer.)
3. ALTERNATE NODAL OFFICER	KV Shaja. (Revenue officer.)
4. OBSERVER	SEP Biju Puthalath, DSC Centre, Kannur.
5. WHAT WAS THE FIRST REACTION OF NODAL OFFICER ORG ON RECEIPT OF INFORMATION	Fast Action Nodal officer.
6. Their Initial & subsequent assessment of the situation	River Rescue. Admin: Ke Jaldi en Jaldi Hospital ma. karam gaya.
7. Duties undertaken by the Team leader.	Excellent Action Team leader.
8. Resource Available and utilized for the specific tasks.	Boats, Strucher, medical Items. Life jacket- Life Bay, Scuba diving Items.
9. Was the organization able to carry out its assigned task	100% success.
Observer comments.	Excellent Team working. Rescue Team. Very Planned; and Training. Excellent.

Sl No	Aspect	Observation/Comment
1	Emergency Support Function EOC Name	Payyanur Taluk Emergency Operation Centre
2	Nodal Officer	Satheeshan Financial Officer
3	Alternate Nodal Officer	Manoj Kumar M K (Incident Commander & Tahsildar)
4	Observer	Kuldeep Raj DSC Kannur
5	What was the first action of Nodal Officer org on receipt of information	Fast action Nodal Officer is Information passed
6	Their initial & subsequent assessment of the situation	Flood affected 90 persons shifted to relief Camp and one person shifted to hospital
7	Duties under taken by the team leader	After receiving alert messages conveyed to concerned departments like Fire & Rescue, Police, Health, Kseb, Lsgd
8	Resource available and utilised for the specific tasks	Boats, Strucher, Medical Items, Life Jacket, Ambulance
9	Was the organization able to carryout its assigned task	100% Success
10	Observe Comments	Excellent team work. Rescue team very planned and good practice.

Sl. No.	Subject	Observation/Comment
(1)	EMERGENCY SUPPORT SECTION / EOC NAME	TALIPARANBA TALUK EMERGENCY OPERATION CENTRE
(2)	NODAL OFFICER	MERCY EP (RESPONSIBLE OFFICER) & REVENUE DIVISIONAL OFFICER
(3)	ALTERNATE NODAL OFFICER	SAJEEVANT INCIDENT COMMANDER & TIAHSILDAE
(4)	OBSERVER	SAP- KESHAB DUTT BHATT DSC CENTRE KANNUR
(5)	WHAT WAS THE FIRST REACTION OF THE NODAL OFFICER (ON RECEIPT OF EMERGENCY)?	Information passed to concerned in time
(6)	THEIR INITIAL & SUBSEQUENT ASSESSMENT OF THE SITUATION?	Flood affected around 450 houses in Jeevankuppam Municipality and Nival Hospital
(7)	DUTIES UNDERTAKEN BY THE TEAM LEADER	First relay alert messages conveyed to concerned Department like - Fire & Rescue, Police, LSGD, Etc
(8)	RESOURCES AVAILABLE AND UTILISED FOR THE SPECIFIC TASKS.	Fire & Rescue - 30 Persons Police - 25 Revenue - 50 LSGD - 30
(9)	WAS THE ORGANIZATION ABLE TO CARRY OUT ITS ASSIGNED TASK?	Yes (100%)
(10)	OBSERVERS COMMENTS	GOOD PRACTICES

Keshab Dutt Bhatt
DSC Centre Kannur

I/207922/2023



Office of the District Collector, Kannur

Dated : 05-01-2023

e-mail: dcknr.ker@nic.in

Phone: 0497-2700645

No.DCKNR/13705/2022-DM1

From

District Collector,
Kannur

To

The Commissioner,
Kerala State Disaster Management Authority
Kannur

Sir,

Sub:- KSDMA- Conducting Mock Exercise- Submitting Observers' Report- Reg-

Ref:- No. MTO IV/2684/2022/Admin dated 13.12.2022 of KSDMA

Kind attention is invited to the reference. As per the decision of National Disaster Management Authority to conduct a mock exercise in connection with floods at the state level in all districts on December 29 , 2022, the same was conducted at five locations in the district. The District Administration Kannur, State Emergency Operation Centre, Kannur DEOC, Defense Service Corps, State Police, Fire and rescue service, Emergency Response Team, Civil defense, Health Department, Local-NGOs, Local Self Governments, Village level first rescuer, Transport department, KSEB, Revenue Authorities etc. carried out evacuation, SAR, relief camp management, medical aid camp and dead body management and identification etc during the exercise. The report of the District and Taluk Observers who monitored the exercise is enclosed herewith.

Yours Faithfully

District Collector

Kannur

DISTRICT COLLECTOR

Signed by

Chandrasekar S

Date: 05-01-2023 17:43:35

**REPORT BY OBSERVER**

1. Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of--)	District Administration Kannur, SEOC, Kannur DEOC, DSC, State Police, Fire and rescue service, Emergency Response Team, Civil defense, Health Department, Local-NGOs, Municipal-Corporation, Village level first rescuer, Transport department, KSEB, Revenue etc. carries out evacuation, SAR, relief camp management, medical Aid camp and dead body management and identification etc. Emergency support functions at 5 locations in Kannur district.
2. Nodal Officer (Name)	Sh. Chandrashekhar S, IAS, District Collector , Kannur
3. Alternate Nodal Officer (Name)	Sh. Joseph K S (Dy Collector, DM Kannur)
4. Observer (Name) & Organization	SI/EXE S S Dangi 04 th BN NDRF ARAKKONAM (TN)
5. What was the first reaction of the Nodal Officer/Org on receipt of information	On receiving alert from DEOC, Nodal officer directed DEOC to alert concerned Taluk level incident commanders to prepare IRTs and to pass the information to concerned officials in IRS systems to make required arrangements on priority basis.
6. What was their initial & subsequent assessment of the situations	As per initial assessment five sites in districts had flood like situations where people and livestock were trapped and required evacuation. In subsequent

	assessment when river water started rising and road connectivity disrupted, need of Search and rescue by alternate means like boats and ropeways was suggested by nodal officer.
7. Duties undertaken by the Team Leader (Give details of duties)	<p>As per observations received from on-site observers following duties were undertaken by team leaders:</p> <ol style="list-style-type: none"> 1. Required teams and resources were moved on site on very short notice. 2. Disseminated Flood alert warning through Various Communication channel like VHF, Helpline Phone, WhatsApp, Public Addressing Systems Communicated to Inter departmental Team. 3. Co-ordinating Inter Departmental teams in search and rescue operation. 4. Assessment of situation and conducted search and rescue operation, moved victims to hospital/Shelter based on the TRIAGE done. 5. Managing transportation and traffic. 6. Managing relief camps with all necessities like food and clean water, medicines, beds, sanitation facilities etc. 7. Organizing Medical Aid camp on-site and at relief camps.
8. Resources Available and carried for the specific tasks	<p>Ambulances and rescue vehicles Ropes and safety accessories Rubber Dinkies Flood pumps Aska Lighting towers Scooba sets and Oxygen cylinders Chain saws</p>

<p>9. Was the organization able to carry out its assigned task? How would you assess their performance</p> <p>100% Success / 75% Success / 50% Success / 25% Success</p>	<p>As per the observations received from on-site observers and observations made at DEOC Kannur, mock exercise has been able to mobilize all agencies and based on co-ordination among teams and effective execution of DM plan it has been 100% successful.</p>
<p>10. Observers Comments (overall opinion, good practices and weakness / shortcomings noticed)</p>	<p>In my opinion evacuation and SAR simulation was carried out effectively by SDRF, Fire and rescue, DSC, Local volunteers in a very coordinated manner. Other organization also played crucial role in managing other emergency support functions like setting up ICP, staging area, medical and relief camps, clearing routes and managing transport, restoring essential services like electricity etc.</p> <p>Good Practices observed during mock exercise:</p> <ul style="list-style-type: none"> -Level of co-ordination among agencies. -Involvement of livestock evacuation component. -Covid 19 precautionary supplies like masks, hand gloves, sanitizers etc. were also provided at relief camps. -Use of volunteers in managing relief camp and volunteer armbands worn by them to distinguish them easily.

	<p>-Ropeways were used by fire and rescue teams for evacuation where other transport mediums were not functional. All safety measures were present while operating ropeways.</p> <p>Areas of Improvement:</p> <p>-Body Cams can be used for live streaming of rescue operations.</p> <p>-Drone cameras can be used to locate victims easily and in getting real time situation update.</p> <p>-No. of life jackets and lifebuoy can be increased.</p> <p>-Backup power generators shall be provided to taluk or village level so in low light conditions also operations can be continued.</p> <p>-Community kitchens shall be started at relief camps as the number of evacuees gets increasing it will not be possible to provide them ready made food.</p>
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S/NO	Aspect	Observation / Comment
1	Emergency Support Function E OC Name	Kerala Fire & Rescue Services
2	Nodal Officer	Sandip Kumar IAS (Sub Collector Thalassery)
3	Alternate Nodal Officer	Shreeba K (Tehsildar Thalassery)
4	Observers	Sep Nadesh Rajan M DSC Centre Kannur
5	What was the first reaction of the nodal officer on receipt of information?	Information fast to concerned in time
6	Their initial & subsequent assessment of the situations?	River rescue Aadmi ko jaldi se jaldi Hospital me lekar gaya
7	Duties undertaken by the Team Leader	Excellent Action Team Leader
8	Resources Available and Utilised for the specific task?	Scuba set, Life Jacket, Lifebuoy -10, stretchers -01, Ambulance -02, Team Members -10
9	Was the Organization able to carry out its assigned task?	Yes 100% Success
10	Observers Comments	Rescue team very planned and Training Excellent team work is Excellent

REPORT BY OBSERVER: IRITTY
MOCK EXERCISE: 29 DEC 2022

S/NO	ASPECT	OBSN/COMMENT
01.	Emergency Support Function/ EOC Name	Kerala Fire & Rescue Service Force EOC:- Iritty Taluk Emergency operation centre.
02.	Nodal Officer.	Mr. Sashi C. ^{Nob.} Stn Officer (KF & RS) 9400546228
03.	Alternate Nodal Officer.	Mr. Mohanan T. ^{Nob.} Asst Stn Officer (KF & RS) 9495804985
04.	Observer.	Naib Subedar ^{Nob.} SUKH GIVI LIMBU (DSC Centre, KANNUR) Mob- 7238013812
05.	What was the first reaction of the Nodal officer/org on receipt of info.	Fast action Nodal officer is into passed to the concerned.
06.	Their initial & subsequent assessment of the situation.	Flood affected 60 persons shifted to relief camp and 02 persons evac to hospital.
07.	Activities undertaken by the team leader.	After receiving alert msg conveyed to concerned departments like Fire & Rescue, Police, Health, Kneb, Lsgd
08.	Resources Avail and utilised for the specific task?	<u>STR</u> : KF & RS - 98, Boats, Strucker, Rope, chest Harness, sheet Harness, medical items, Life Jacket, Helmet, Ambulance, <u>Rep utilised</u> : NDRF, Police, Revenue, BRS
09.	Was the org able to carry out its assigned tasks?	Yes 100%, Success.
10.	Obsn/Comments	Excellent team work, Rescue team very planned, Co-ordinat and good Prac.
<u>INFO CONTACT Nos</u> :		Tahashildar Iritty: Mr Pragas CV 8547618460 • Tahashildar (LR) - Mr M. Laxmanan • ADM Kannur - Mr Diwakar • JRTD Dvt Iritty 2 - Mr Damash (ex Army) 8547877667 Grade Asst Stn off Iritty Mr Mahroob Vazheth 9643680065

ASPECT	File No. DCKNR/13705/2022-DM1 (Computer No. 130995)
1. Emergency support Function EoC Name	Observation / comment Rescue & medical and Restoration
2. NODAL OFFICER	Sameer TP (Revenue officer.)
3. ALTERNATE NODAL OFFICER	KV. Shaju (Revenue officer)
4. OBSERVER	SEP Biju Puthialath, DSC Centre, Kannur.
5. WHAT WAS THE First Reaction of Nodal officer org. on receipt of information	Fast Action Nodal officer.
6. Their initial & subsequent assessment of the situation	River Rescue. Aadmi ko Jaldi sa Jaldi Hospital ma leker gaya.
7. Duties undertaken by the Team leader.	Excellent Action Team leader.
8. Resource Available and utilized for the specific tasks.	Boats, Strucher, medical Items. Life Jacket- Life Bay, Scuba diving items.
9. Was the organization able to carry out its assigned task	100% Success.
Observer comments.	Excellent Team working. Rescue Team. Very Planned; and Training. Excellent.

Sl No	Aspect	Observation/Comment
1	Emergency Support Function EOC Name	Payyanur Taluk Emergency Operation Centre
2	Nodal Officer	Satheeshan Financial Officer
3	Alternate Nodal Officer	Manoj Kumar M K (Incident Commander & Tahsildar)
4	Observer	Kuldeep Raj DSC Kannur
5	What was the first action of Nodal Officer org on receipt of information	Fast action Nodal Officer is Information passed
6	Their initial & subsequent assessment of the situation	Flood affected 90 persons shifted to relief Camp and one person shifted to hospital
7	Duties under taken by the team leader	After receiving alert messages conveyed to concerned departments like Fire & Rescue, Police, Health, Kseb, Lsgd
8	Resource available and utilized for the specific tasks	Boats, Strucher, Medical Items, Life Jacket, Ambulance
9	Was the organization able to carryout its assigned task	100% Success
10	Observe Comments	Excellent team work. Rescue team very planned and good practice.

Sl. No.	ASPECT	OBSERVATION/COMMENT
(1)	EMERGENCY SUPPORT FUNCTION (E.S.F. NAME)	TALIPARAHBA TALUK EMERGENCY OPERATION CENTER
(2)	NODAL OFFICER	MERCY KP (RESPONSIBLE OFFICER) & REVENUE DIVISIONAL OFFICER
(3)	ALTERNATE NODAL OFFICER	SAJEEVAN P INCIDENT COMMANDER & TIAHSIL DAR
(4)	OBSERVER	SGP- KESHAB DATT BHATT DSC CENTRE KANAKUR
(5)	WHAT WAS THE FIRST REACTION OF THE NODAL OFFICER (ON RECEIPT OF INFORMATION)?	Information passed to concerned to line
(6)	WAS THERE A SUFFICIENT ASSESSMENT OF THE SITUATION?	Flood affected around 450 houses in Jankendupuram Municipality and Nivari Hospital
(7)	DUTIES INTERFERED BY THE TEAM LEADER.	N/A. Every alert measures conveyed to concerned Department like Fire & Rescue, Police, LSG, etc.
(8)	RESOURCES AVAILABLE AND UTILISED FOR THE SPECIFIC TASKS.	Fire & Rescue - 30 Person Police - 25 Revenue - 50 LSG - 30
(9)	WAS THE ORGANIZATION ABLE TO CARRY OUT ITS ASSIGNED TASK?	Yes (100%)
(10)	OBSERVERS COMMENTS	GOOD PRACTICES

Keshab Dutt Bhatt
DSC Bantur Kanur

MALAPPURAM

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	Search and Rescue - evacuation
2	Nodal Officer (Name)	Shaji K. Tahathar IC Incident Commander
3	Alternate Nodal Officer (Name)	Rajeev B.D.O. Ponnar Deputy IC
4	Observer (Name) & Organization	Vikram Singh DSC - Kannur
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Nodal officer acted very quickly and promptly.
6	What was their initial & subsequent assessment of the situations	Nodal officer assessed the situation and commanded the engine team and they rushed to the spot quickly.
7	Duties undertaken by the Team Leader (Give details of duties)	Concluded evacuation and rescue - Injured have been shifted to hospitals.
8	Resources Available and carried for the specific tasks	via, Amarafor, wood cutter, boat, sick, Ambulance, transport vehicles etc.
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success/25% Success	Yes. 100 % Success.
10	Observers Comments (overall opinion, good practices and weakness /shortcomings noticed)	Good.

Self Assessment

Sl.No	Aspect	Observation/Comment
1	Name of the Organization/ Department	DSC - Kannur
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	Search and Rescue.
3	Name of Team Leader	Tatisholar Ponnani
4	Designation in the Exercise and in parent organization.	Incident Commander
5	Time, Source and Contents of First Message about Incident received and communication mode.	Through DSC- whats app group
6	Action taken by the Team Leader in response to critical situations, in gist.	Acted Very promptly and effectively.
7	Further action taken by the recipients / stakeholders	They mobilised all available resources and conducted rescue and evacuation.
8	When did the Stakeholder/ representative arrive at EOC/ ICP	Arrived in time at 8.30 AM
9	Manpower Resources available and how much manpower carried to ICP	50 - Volunteers. 25 - Police personal 20 - Fire and rescue personal
10	Equipment Material Carried.	20 - Revenue staff 10 - medical personally.
11	Vehicle brought (types):- (a) For use of EOC / Rescue & Relief Work. (b) Self Use.	Ambulance - 3 nos. Lorry - 2 " Jeep - 10 " Van/Bus - 2
12	Difficulties faced	No difficulty faced.
13	Support Agencies available	Fisheries, PDS, MVD KSEB, Health, PWD. Local Body (Ponnani Municipality - BDO Ponnani)

14	What was your contribution in the Mock Drill?	Assessed the Situation gave suggestions and briefed the team after the mock drill.
15	Learning from Mock Drill.	
16	Suggestions for improvement.	A common uniform for the entire team would have been better. Otherwise everything was excellent.
17	Any other information, you would like to convey	Nothing special to convey.

Vikram Singh

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	All the matters little Search and Rescue and others
2	Nodal Officer (Name)	Sd Officer Fire and Rescue
3	Alternate Nodal Officer (Name)	The bzil dar Khandali
4	Observer (Name) & Organization	Ramash Kumar R (DSC)
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Started the Relief works, Communicating Others
6	What was their initial & subsequent assessment of the situations	Heavy Rain and Fall and serious Flood occurring
7	Duties undertaken by the Team Leader (Give details of duties)	Inform the surrounding Public, make them evacuate the people, shifted them to near By Camp
8	Resources Available and carried for the specific tasks	shifted the people injured medical Camp and hospital. Yes
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success/25% Success	Yes. 100%.
10	Observers Comments (overall opinion, good practices and weakness /shortcomings noticed)	Good Practice


 149269478

DSC - Centre Khandali

Self Assessment

Sl.No	Aspect	Observation/Comment
1	Name of the Organization/ Department	All departments
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	All
3	Name of Team Leader	Manish Ali (Fire leader)
4	Designation in the Exercise and in parent organization.	Fire And Safety
5	Time, Source and Contents of First Message about Incident received and communication mode.	9 am through WhatsApp And Phone
6	Action taken by the Team Leader in response to critical situations, in gist.	Information From Passer To all department. Official To Alert And Ready For Relief work
7	Further action taken by the recipients / stakeholders	All kinds of steps taken to minimise to Casualty
8	When did the Stakeholder/ representative arrive at EOC/ ICP	9.45 Am
9	Manpower Resources available and how much manpower carried to ICP	All department official participated and done their work properly
10	Equipment Material Carried.	Full Unit, Including Ambulance Stretcher etc.
11	Vehicle brought (types):- (a) For use of EOC / Rescue & Relief Work. (b) Self Use.	For All kind of vehicle including Ambulance Jeep
12	Difficulties faced	Fire force vehicle etc Traffic Problems
13	Support Agencies available	medic, Rescue police, Fireman Core, Civil Defence, and Public And TDRF

14 What was your contribution in the Mock Drill?

15 Learning from Mock Drill.

16 Suggestions for improvement.

17 Any other information, you would like to convey

Observe the all Objective
very carefully and give direction
to the official and public information
Self more confidence for
future events

Traffic management should be
taken care initiative
NO


Ramesh Kumar B

20/06/2017

REPORT OF REVENUE BY OBSERVER, ERNAD

Sl No.	ASPECT	OBSERVATION/COMMENT
1	Emergency support function (eg. Search & Rescue, Medical dead body management , Restoration of..)	Revenue
2	Nodal officer (Name)	P. Chandran, Tahasildar, Ernad
3	Alternate Nodal Officer	M. Mukundan, HQDT, Ernad
4	Observer (Name) & Organisation	Subedar Rajkumar, DSC Centre, Kannur
5	What was the first reaction of the Nodal Officer/org on receipt of information	Conducted IRS meeting, prepared DM plan
6	What was their initial and subsequent assessment of the situation	Not danger, under control
7	Duties undertaken by the team leader (Give details of duties)	Overall co ordination
8	Resources available and carried for the specific tasks	Co ordinate entire process through IRS (incidental response system)
9	Was the organisation able to carry out its assigned task? How would you assess their performance/ 100% success 75% success, 50% success/ 25% success	75% success
10	Observers comments (Overall opinion, good practices and weakness/ shortcomings noticed)	Good

Date - 29-12-2022


Sd/- of observer

REPORT OF SEARCH AND RESCUE BY OBSERVER, ERNAD

Sl No.	ASPECT	OBSERVATION/COMMENT
1	Emergency support function (eg. Search & Rescue, Medical dead body management, Restoration of..)	Search and Rescue
2	Nodal officer (Name)	T. PRADEEP, Assistant Station Officer
3	Alternate Nodal Officer	Abdul Kreem, Assistant Station Officer
4	Observer (Name) & Organisation	Subedar Rajkumar, DSC Centre, Kannur
5	What was the first reaction of the Nodal Officer/org on receipt of information	Conducted IRS meeting, prepared DM plan
6	What was their initial and subsequent assessment of the situation	Not danger, under control
7	Duties undertaken by the team leader(Give details of duties)	Search and rescue operation
8	Resources available and carried for the specific tasks	Fire Engine, ambulance, boats, life jackets etc
9	Was the organisation able to carry out its assigned task? How would you assess their performance/ 100% success 75% success, 50% success/ 25% success	75% success
10	Observers comments (Overall opinion, good practices and weakness/ shortcomings noticed)	Search and rescue operation was good, injured persons transported to Medical college Manjeri, dead body management was good

Date 29.12.2022

S/S of OBSERVER

REPORT OF MEDICAL BY OBSERVER, ERNAD

Sl No.	ASPECT	OBSERVATION/COMMENT
1	Emergency support function (eg. Search & Rescue, Medical dead body management , Restoration of..)	Medical
2	Nodal officer (Name)	Dr. Aligar Babu. C
3	Alternate Nodal Officer	Medical officer, PHC, Kavanur
4	Observer (Name) & Organisation	Subedar Rajkumar, DSC Centre, Kannur
5	What was the first reaction of the Nodal Officer/org on receipt of information	Conducted IRS meeting, prepared DM plan
6	What was their initial and subsequent assessment of the situation	Not danger, under control
7	Duties undertaken by the team leader (Give details of duties)	Medical attention, First Aid treatment. Serious persons are referred to medical college, manjeri.
8	Resources available and carried for the specific tasks	Oxygen cylinder, stretcher, ambulance, medicine etc.
9	Was the organisation able to carry out its assigned task? How would you assess their performance/ 100% success 75% success, 50% success/ 25% success	75% success
10	Observers comments (Overall opinion, good practices and weakness/ shortcomings noticed)	All arrangements and medical attention are Good

DATE: 29.12.2022

Sd/- of Observer

Report by Observer

Sl no	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	All the matters like search & Rescue and others.
2	Nodal Officer (Name)	Station Officer Fire and rescue.
3	Alternate Nodal Officer (Name)	Tatrasilkar. Perinthal menna.
4	Observer (Name) & Organization	Happy Singh.
5	What was the first reaction of the Nodal Officer/ Org on receipt of information	Started the relief work immediately.
6	What was their initial & subsequent assessment of the situations	heavy rain fall and serious flood occurring
7	Duties undertaken by the Team Leader (Give details of duties)	informed the surrounding public, make alert evacuation the people. shifted them to nearby camp. shifted the people who injured to medical camp and hospital.
8	Resources Available and carried for the specific tasks	yes.
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success / 75% Success / 50% Success/25% Success	yes 100%.
10	Observers Comments (overall opinion, good practices and weakness /shortcomings noticed)	good.

HAPPY SINGH

JS
15576381P

Self Assessment

Sl.No	Aspect	Observation/Comment
1	Name of the Organization/ Department	All departments
2	Type of Support Function. (Eg. Medical, Relief, Search & Rescue, Repair, Restoration, etc)	All
3	Name of Team Leader	Mr Baburajan P.
4	Designation in the Exercise and in parent organization.	Fire and Safety
5	Time, Source and Contents of First Message about Incident received and communication mode.	9 AM. Through WhatsApp & Phone
6	Action taken by the Team Leader in response to critical situations, in gist.	Information passed to all department official to alert and ready for relief work.
7	Further action taken by the recipients / stakeholders	All kind of steps taken to minimize the casualty.
8	When did the Stakeholder/ representative arrive at EOC/ ICP	9:30 AM
9	Manpower Resources available and how much manpower carried to ICP	All department official participated and done their works properly.
10	Equipment Material Carried.	Full unit, including ambulance, generator etc.
11	Vehicle brought (types):- (a) For use of EOC / Rescue & Relief Work. (b) Self Use.	For All kinds of vehicles including ambulance, Jeep, Fire force vehicle etc.
12	Difficulties faced	Traffic problems
13	Support Agencies available	Media, Revenue, Police, trauma care, civil defence people and public.

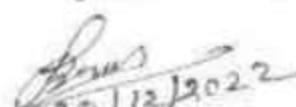
14	What was your contribution in the Mock Drill?	Observed the all activities very carefully and given directions to the officials and Public members
15	Learning from Mock Drill.	→ Get more confidence for future events
16	Suggestions for improvement.	→ The management should be taken care in future.
17	Any other information, you would like to convey	No -

[Signature]
13.576384P

HAPPY. SINGH

Report by Observer

Sl No.	Aspect	Observation/Comment
1	Emergency Support Function (e.g. Search & Rescue; Medical; Dead Body Management; Restoration of --)	Search & Rescue, Medical
2	Nodal Officer	Sindhu M P Tahsildar, Nilambur
3	Alternate Nodal Officer	Santhosh AJ, Block Development Officer, Nilambur
4	Observer & Organization	Pankaj Baruah, Sep/GD DSC
5	What was the first reaction of the Nodal Officer/Org on receipt of information.	Immediately on receipt of the information TEOC was alerted, message was given to all IRS members and they passed the message to the field officers. Briefing session was conducted by the responsible officer
6	What was their initial & subsequent assessment of the situations	(Separately attached)
7	Duties undertaken by the Team Leader (Give details of duties)	(Separately attached)
8	Resources available and carried for the specific tasks	(Separately attached)
9	Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75% Success/ 50% Success/ 25% Success	The assigned task was carried out in a perfect manner strictly adhering to all the protocols and the guidelines issued by Disaster Management Authorities. 100% Success
10	Observers Comments (overall opinion, good practices and weakness/short coming noticed)	<ul style="list-style-type: none"> • Excellent arrangements were made • Excellent co-operation among the departments, elected representatives and voluntary organization. • Sufficient Manpower and material resources were arranged for the situation. • No short comings noticed. • Overall Excellent performance.

Name - Pankaj Baruah
 Sign - 
 23/12/2022

- 6) Immediately on getting the red alert message, all the IRS members and field officers were alerted. The water level in the river was assessed through out. The areas susceptible for flooding were assessed and 37 persons were shifted to safe places. 5 families including 6 men, 8 women and 8 children were shifted to camps. All the necessary arrangements including medical aid, facilities for water, electricity, food, separate facilities of covid patients etc. were arranged at the camp. A boat accident occurred at Thonikkadavu, in which 2 persons were immersed in water. Fire and Rescue personnel and trained volunteers reached the spot immediately and rescued both. After providing the immediate care, one seriously injured person was shifted to hospital. Medical aid was provided to the other injured and one officer who collapsed during the operation. All the arrangements were made as per protocol at TEOC, Incident Command Post, Staging Area, Incident base, Relief camp and at hospital.

Name - Pankaj Boraiah

Sign - 
20/12/22

(7) Incident Commander – Tahsildar

- TEOC was made operated at Taluk Office, Nilambur
- Briefing meeting was conducted.
- Meeting of the planning section was conducted and Incident action plan was prepared.
- Incident Command post, staging area, Incident base relief camps were set up.
- Co-operation of Local Self Government Institutions and NGOs was ensured.
- Communication at proper intervals with DDMA/DEOC and RO.
- Sufficient manpower and rescue materials were ensured for rescue and relief operation.
- Debriefing meeting was conducted.

Deputy Incident Commander – BDO

- Assisted Incident Commander in all the above activities

Liaison Officer – Deputy Tahsildar

- Co-ordinated the activities of various departments, Panchayath, NGOs (ERF, etc.)
- Ensured the presence of stake holders at TEOC, Incident base and relief camp
Contacted RO and Incident Commander at frequent intervals and directions were carried out.

Safety Officer – Superintendent, Govt. Hospital, Nilambur

- Medical aid post with Doctor and paramedical staff was set up at incident area.
- Medical aid post was set up with Doctor and paramedical staff and emergency equipments at the camp.
- 10 Beds were made available at District Hospital, Nilambur and all arrangements were made at hospital as per SOP.

Operation Section – DySP, Nilambur

- Arrangements were made for crowd control at the incident site, camp location and hospital.
- Arrangements were made for traffic control and speedy movement of rescue personnel and evacuated people to the camp and hospital.
- Contacted RO and IC at frequent intervals and directions were passed to the field officers at incident site, camp and the hospital.

Planning Section – SHO Fire and Rescue Nilambur

- Incident action plan was prepared in consultation with IC, operations and logistics section.

Name – Ponkaj Barua

Sign – 
20/12/2022

- Ensured that the rescue team reached the site in time and rescue operation was conducted as per protocol.

Logistics Section – MVI Nilambur

- 3 Ambulances, 1 rescue vehicle and 21 vehicles took part in the operation
- Facilities for food, electricity, drinking water, toilet facilities were ensured at the camp.
- Facilities for uninterrupted power supply and communication were ensured at TEOC.

Media Officer – Information Assistant, DIO

- Information was given to the media persons at frequent intervals.
- Reports available in the visual and print medias were provided to TEOC.

Information Officer – Deputy Tahsildar (HQ), Nilambur

- Basic information regarding the operation was collected and given to the concerned stake holders.
- Communications between the departments were ensured.

Name – Pankaj Baruah

Sign – 
25/12/22

8) The following resources were arranged for the operation

Medical Relief Camp

- Emergency medical kit
- Oxygen cylinder
- Ambu bag
- Laryngoscope
- Suction Apparatus
- Other equipment for emergency management
- PPE Kits
- Sanitize, Mask
- Bleaching Powder
- Provisions for biomedical waste management
- Ambulance

Site

- Emergency medical kit
- Oxygen cylinder
- Ambu bag
- Laryngoscope
- Suction Apparatus
- Other equipment for emergency management
- PPE Kits
- Sanitize, Mask
- Bleaching Powder
- Provisions for biomedical waste management
- Ambulance

Hospital

- All facilities as per protocol
- Triage facilities
- 10 beds were exclusively set apart for disaster victims
- Laryngoscope, ET tube, ambu bag, defibrillator, ventilator, etc.

Fire & Rescue

- Life Jacket – 20 Nos
- Dingy boats – 2 Nos
- Yamaha Engine of boats – 2 Nos
- Scuba set – 2 Nos
- Chain Saw – 3 Nos
- Aska light – 1 No.
- Rope – 20 Nos
- Multi utility Vehicle – 1 No.
- Scuba Van – 1 No.
- Other equipment like shovel, spades, etc.

Name – Pankaj Basuak
Sign –  29/12/2022

General

- 21 Vehicles
- 4 vehicles with wireless system and public address system.
- Wireless communication system at incident site, Camp and TEOC.
- Generator facility at TEOC, camp and site

Manpower

- Police – 25 men
- Fire Force – 15
- Doctors – 8
- Staff Nurse and paramedical – 16
- Volunteers – 20
- Trained Volunteers (ERF) Civil – 30
- Revenue – 42
- Irrigation – 2
- BSNL – 1
- Soil Conservation – 2
- Panchayath – 25
- Motor Vehicles – 5
- Civil Supplies – 2
- KSEB – 2
- Teachers – 3

Name – Pankaj Baruah

Sign – 
25/12/2022

KOLLAM



Statewide Mock Drill - 29th December 2022

Introduction

In order to assess the capabilities of various departments in handling crisis situations, NDMA decided to organize and simulate different scenarios in the district. As a part of this NDMA joined hands with KSDMA to conduct 5 mock drills in each district to assess the quality of response from district administration. It was informed that each district will have a DEOC observer from NDRF to suggest areas of improvement as well as CRPF observers for each taluks to do the same. In addition to the resources in hand we were provided with a CRPF team to assist in various operations as a part of mock drill. Considering the scenarios in hand it was decided to place the CRPF team on Punalur Taluk to assist the landslide mock drill and associated rescue operations.

Planning Stage

After different discussions, it was decided to conduct the mock drill in taluk level with the help of IRS teams. Briefing meetings were conducted exclusively for the DDMA members and IRS team to ensure planning & coordination. These meetings were conducted in addition to the table top exercise and meetings organized by KSDMA. Based on the briefing in table top exercise, different scenarios suggested by NDMA mock drill was organized. Finally the scenarios were given to each taluks according to the topography and presence of industries and hospitals for conducting mock drill. Considering the various aspects of criterias and scenarios suggested by NDMA the different scenarios were fixed on different taluks as following :

Requirement	Suggested Venue	Taluk	Scenario
Village/Locality for SAR & Relief	Mundakkal	Kollam	Flood SAR
Village/Locality for Prophylatic Evacuation	Kunnathur	Kunnathur	Flood Evacuation
Site for specialised rescue including Landslide	Punalur	Punalur	Landslide rescue operation
Hospital	Kottarakara	Kottarakara	Flood Evacuation
School/Industry/Bridge/Dam	KMML	Karunagappally	Flood Evacuation

A special DDMA meeting was convened on 28.12.2022 with the DDMA members and IRS officers to brief about the various aspects of mock drill. Clarifications regarding flow of information and duties of each IRS officer were made in the meeting.

Mock Drill (29.12.2022)

Working of DEOC

Reports regarding various incidents pertaining to flood were received on DEOC emergency number. All these reports were timely informed to the District Collector, DC assessed the situation and gave directions to various IRS teams in each Taluks to take appropriate actions and report back. All the actions taken in each district were monitored and evaluated to find areas of improvement. (Appendix 1)

Village/Locality for SAR & Relief - Mundakkal - Kollam Taluk

Due to the flood warnings that existed in Kollam District, a village namely Mundakkal was evacuated and a couple of persons missing were simulated as a part of Mock Drill. Around 25 families in the locality were evacuated to a nearby auditorium which was prepared as a relief camp, basic medical checkup was given to everyone and the casualties who had severe health issues were moved to the

district hospital. (Appendix 2)

Village/Locality for Prophylatic Evacuation - Kunnathur - Kunnathur Taluk

Due to the heavy rain Kunnathur region was expected to have a flood and due to this a preventive evacuation scenario was simulated in the Kunnathur Taluk. The area was evacuated and the families were moved to a relief camp. (Appendix 3)

Site for Specialised rescue - Landslide - Punalur - Punalur Taluk

Reports regarding a possible landslide was received at the DEOC, thus IRS team in Punalur Taluk were asked to act upon the situation, fireforce and CRPF team coordinated the rescue operation and the people trapped within landslide were evacuated to a safe area and people with injuries were moved immediately to a hospital. (Appendix 4)

Hospital Evacuation - Kottarakara - Kottarakara

Due to the heavy rainfall in and around Kollam region a hospital in Kottarakara was flooded and the evacuation of trapped hospital staffs and patients were moved to a nearby safe spot, the situation was evaluated and the patients were moved to another safe hospital. (Appendix 5)

Industrial Hazard - KMML - Karunagapally Taluk

Leakage of chlorine gas from the KMML industry was simulated. Various casualties were moved to hospital. The entire area was evacuated for the time being. Further safety clearance was declared before allowing industrial personnels to continue with their work. (Appendix 6)

DISTRICT COLLECTOR

ALAPPUZHA

- a) Duties Undertaken by the Team leader.
(Give details of duties)
- a) Model officer. RDO - Organised very well and headed each activities on the mock drill.
- b)
- c) Incident Commander:- Dr arranged Transportation
arranged camp
arranged Ambulance
provided Room for medical team
provided Room for IRS Team.
- d) Onsite incident commander:- Coordinated with
(C.I. of Police. Vermany) Connected with Sub-inspector
of Police Vermany for evacuation
headed rescue operations
transported public of affected area to the camp.
- e) Medical officer of team → Arranged sufficient staffs
to coordinate medical teams
provide medicines
Arranged special team for
Covid- pandemic situation
with PPE Kits and mask
Sanitizer etc.
- f) Fire & Rescue Unit Changanassery.
They performed very well
for the rescue operation with
the Police department -
Equipment such as
fire Engine,
Rubber Binning Dinky.
Used for the Mock Drill
Station fire officer -
Led by the unit.
- The whole activities supported by the Civil Defence
Volunteers.
- Asst. Insp. H.
MPO Nomanad Camp

Format For Report By Observer

1. Emergency Support Function
(e.g. Search & Rescue; Medical;
Dead Body Management; Restoration of --)
: Search & Rescue, Excavation,
and medical aid.
2. Nodal Officer (Name)
: Smt. SUMA. S. RDO chengannur.
3. Alternate Nodal Officer (Name)
: Smt. Beena BDO chengannur.
4. Observer (Name) & Organization
: Asst. Sub Insp. Anil. K. ITBP
Nooramad. Camp.
5. What was the first reaction of the
Nodal Officer/ Org on receipt of information
: Suddenly informed in incident
and on site incident commanders
to provide rescue and medical aid.
6. What was their initial & subsequent assessment
of the situations
: Find out the affected area and
given instructions for excavation
7. Duties undertaken by the Team Leader
(Give details of duties)
: attached separately.
8. Resources Available and carried for the specific tasks
: Yes
9. Was the organization able to carry out its assigned task?
How would you assess their performance
100 % Success / 75 % Success / 50 % Success /
25 % Success
: more than 90%.
10. Observers Comments (overall opinion, good practices
and Weakness / shortcomings noticed)
: Overall excellent performance
have done by each team
Awareness system to public should
be more effective in future.



Asst. med. Anil. K.

ITBP Nooramad. Camp

TASK FORCE FORMAT

1. Location of Incident
2. Supervisor

Task Force No. Vernang Yammachayeth.

	Name	Designation	Contact No.
Commander	Mr. M. Bija Kumar.	Tehsildar, Chengannur	9447455009
Dy Commander	Mr. M.A. Kishor Khan	Deputy Tehsildar.	9028913984
S.No	Composition	IC leader & Contact Details	Unit Size/Detail
1.	NDRF	N/A	
2.	SDRF	N/A	
3.	District Police SITO Vernang.	Joint Magistrate. 9492989066	Police Station, Vernang.
4.	CAPF	N/A	
5.	Medical Team	Mr. Anil Kulkarni 9496339196	PMC Vernang.

Asst. Insp. Anil K.
ITDP Naamod camp.

6.	Ambulances	Mr. Jayar Kumar (Driver) 9846360725	Govt. Dist. Hospital Chengannur.
7.	Machinery/ICB/Equipment	N/A	
8.	Telecommunication	N/A	
9.	Reporting/Documentation Team	Mr. Girish Kumar - P Deputy Tehsildar. 9447398626	Tehsil Office Chengannur.
10.	Home Guard	N/A	
11.	Fire & Emergency Services Team	SMUJL Jai GPM Subro fire officer - 9493086858	FIRE & RESCUE OFFICER Unit Chengannur.
12.	Rescue Vehicle	KERF. 1005 NINE SCHOOL ROAD	
13.	(any other resource)	Fire Engine & Rubber BUNKY	Fire & Rescue Unit Chengannur.
14.	(any other resource)	CIVIL DEFENCE VODANILASS	Local area of Vernang

Asst. Insp. Anil K.
ITDP Camp
Naamod.

TASK FORCE FORMAT

Task Force No. _____

1. Location of Incident _____
2. Supervisor _____

Name		Designation	Contract No.
Commander			
Dry Commander			
S.No		IC/Leader & Contact Details	Unit Size/Detail
1.	Composition		
2.	NORF		
3.	SCRS		
4.	District Police		
5.	Medical Team		

6.	Ambulances		
7.	Machinery/SCB/Equipment		
8.	Telecommunication		
9.	Reporting/Documentation Team		
10.	Home Guard		
11.	Fire & Emergency Services Team		
12.	Rescue Vehicle		
13.	(any other resource)		
14.	(any other resource)		



Sr No.	Aspect	Observation/Comment
1.	Emergency Support Function/ EOC Name	U/THANKEY POND LESA. GEORGE SCHOOL THANKEY, CHERTHALA
2.	Nodal Officer	Deputy Collector Sreedharan K
3.	Alternate Nodal Officer	Rajesh Thasildar, Chertthala Manoj KR.
4.	Observer	Asst. Dir. - RANESH KUMAR M ITSP, 27th, NODRANAD.
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	Emergency call received from Thankey Village and all supporting depart- ments and rescue team were alerted to the incident site.
6.	Their initial & subsequent assessment of the situations?	All supporting teams rescue and fire, medical team and civil defence team are co-operated work with the situations and good work.
7.	Duties undertaken by the Team Leader	Two persons are evacuated from water and first aid and advance medi- (Give details of duties) cal support provided at school camp.
8.	Resources Available and utilised for the specific tasks	Incl assessment of shortfall & plans for making up. Whether prioritisation done in application. Integration of volunteers/NGOs. Optimum use of NDRF, BRO etc Fire and Rescue, civil defence, Police, medical team, Panchayat and Village officers. These all supporting departments work with mock drill rehearsal.
9.	Was the organization able to carry out its assigned task?	100 % Success / 75 % Success / 50 % Success / 25 % Success
10.	Observers Comments	(personal opinion, good practices and weakness / shortcomings noticed) All departments are co-operated work is great and good.

Format For Report By Observer

- | | |
|--|--|
| <ol style="list-style-type: none">1. Emergency Support Function
(e.g. Search & Rescue; Medical;
Dead Body Management; Restoration of --)2. Nodal Officer (Name)3. Alternate Nodal Officer (Name)4. Observer (Name) & Organization5. What was the first reaction of the
Nodal Officer/ Org on receipt of information6. What was their initial & subsequent assessment
of the situations7. Duties undertaken by the Team Leader
(Give details of duties)8. Resources Available and carried for the specific tasks9. Was the organization able to carry out its assigned task?
How would you assess their performance
100 % Success / 75 % Success / 50 % Success /
25 % Success10. Observers Comments (overall opinion, good practices
and Weakness / shortcomings noticed) | <p>① Two persons drowned in pond and rescued.</p> <p>② Natural calamity road clearance when Tree falls across road.</p> <p>: Deputy Collector Shreebatha. K</p> <p>: Manoj K.R Thakur ^{Churkhal}</p> <p>Asi/Sec Ramesh Kumar</p> <p>27 BN ITBP.</p> <p>: All departments and rescue team gathered and move to site</p> <p>: All supporting Vehicles Ambulance and recovery supporting equipment</p> <p>: Gathered all supporting teams and civil defence and Med. team.</p> <p>: and vehicles for clearance.</p> <p>: 75%</p> <p>: All departments are worked with co-operatively and complete the task very good manner.</p> |
|--|--|

Note:- (1) Mock drill, Two persons drowned in pond and rescued at THANKEY Pond

(2) Road clearance Natural calamity (Tree fallers) Situation occurred in Thankey St. George School area.

	<u>REPORT BY OBSERVER</u>	
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1) Emergency Support function (e.g. Search, & Rescue ; Medical; Dead Body Management; Restoration of---): Dist. Administration, SEOC, DEOC, SDRF Police control room, Fire rescue service, Health Department , Local-NGOs, Municipal-Corporation, CAPFs, Village level first rescuer, Transport department.

2) Nodal Office Shri V R Krishna Teja, IAS, District collector Alappuzha.

3) Alternate Nodal Office (Name): Asha C Abraham, Dy collector Disaster management Dist. Collector or RDO.

4) Observer (Name) & Organization: VIKAS, Sub-Inspector
04th BN NDRF ARAKKONAM (TN)

5) What was the first reaction of the Nodal Officer/ Org on receipt of information: On 29.12.22, at about 09:08 Hrs a flood warning was received from KSDMA. District Collector immediately passed necessary direction to DEOC for deployment for SDRF as well as Fire service for evacuation the civilians from affected area. Simultaneously the same was conveyed to all responding agencies through DEOC.

6) What was their initial & subsequent assessment of the situation:

The emergency scenario of "FWR/Aquatic disaster" was stimulated on 29.12.2022 at 09:00hrs. At about 0908Hrs a message received from the KSDMA to DEOC Alappuzha, at 0909 Hrs. another flood warning received from KSDMA. Hot line alert was also received at 0911Hrs. At 0915Hrs IRS Activated, District Collector immediately passed necessary direction to DEOC and TEOC for deployment for SDRF as well as Fire service district

medical officer, District motor vehicle officer for evacuation and Search and Rescue operation.

As per the scenario and pre-decided sequence of actions for the mobilization of teams from their respective bases, Fire service reached at incident site first at 0950 hrs and started rescue ops. cordoned the surrounding area of the incident site and effectively managed the crowd control.

As the situation become normal and control of district resources, DDMA communicated their DEOC, Alappuzha as well as SEOC C/Room.

A well-equipped SAR team of fire department, Alappuzha immediately rushed to the spot and after reaching incident site fire rescue divided into Task Forces i.e., Boat 1 & 2, Cordoning Sub-team, Rescue and Evacuation sub-team 1 and 2, Medical sub-team and Logistic support team. The rescue ops started at about 0952 hrs, Total 566 members were evacuated from houses which was surrounded from flooded water due to flash flood and after providing first aid, some of them sent for higher medical care through Ambulance.

At 1210Hrs DEOC received "all clear" message from all concerned agencies and incident commander and Mock Exercise was closed.

7) Duties undertaken by the Team Leader (Give Details of duties):

Team commander sized up the scene and briefed the situation at incident site and sequence of action to all the sub teams like Boat 1 & 2, Cordoning team, Rescue and Evacuation team 1 and team 2, Safety officer, Communication station, MFR station. Safety officer informs the team commander that all the station can be established. After briefing to team members, team commander asks safety officer to come forward and brief all the team members about safety of individual and safety norms and emergency signals.

On instruction of Team commander, approaching towards victim location was conducted by boat. Team commander also instructed to safety officer for ensuring the safety of each team member who advancing towards incident site. During search of the area, find 04 injured victims at the site out of them one victim is unconscious state in the flood area and immediately perform triage of victims the as per their condition.

8) Resources Available and carried for the specific tasks: Disaster equipment like boat, cutter, life jacket, life-buoy etc., Emergency medicine kit with Ambulance, Generator, Fire tender.

9) Was the organization able to carry out its assigned task? How would you assess their performance 100% Success/75%Success/50% Success/25% Success: Yes as per DM plan and their performance was 100% success.

10) Observer comments (overall opinion, good practice and weakness / shortcomings noticed)

Good practice:

- Participation of all the stake holders make it fruitful to understand the roles of sister agencies.
 - All concerned agencies and all of them played an active role during Mock Exercise.
 - All stake holders displayed effective co-ordination among each other.
 - Timely reporting at the incident site and response as per plan.
 - Sufficient vehicles are available for proper transportation.
 - All responding agencies done their roles in a very good manner.
 - Medical staff handled the serious persons with proper precautions.
 - The Police acted in a very efficient manner to maintain the route to designated Hospital traffic free.
-

Suggestions

- Announcement system should be installed in vulnerable areas to announce during any emergency.

Submitted By:-


29/12/22
SI/Exe VIKAS

Force No 150203742


29/12/22
CT/GD Arun Kumar R
Force No 077281962

04 Bn NDRF,
Arakkonam,
Tamil Nadu

Format For Report By Observer

1. Emergency Support Function
(e.g. Search & Rescue; Medical;
Dead Body Management; Restoration of --) : *Electric Disruption and
Evacuation in General Hospital*
 2. Nodal Officer (Name) : *Dr. Rajan (Medical Superintendent)*
 3. Alternate Nodal Officer (Name) : *DR. SEN (ARM)*
 4. Observer (Name) & Organization : *BABU S. NAIR (ITBP)*
 5. What was the first reaction of the
Nodal Officer/ Org on receipt of information : *Activated IRB, Alert all
Supporting Agencies like Kseb,
Fire and Gms etc.*
 6. What was their initial & subsequent assessment
of the situations : *Very Excellent and marvelous
evacuation procedure with a
wonderful coordination.*
 7. Duties undertaken by the Team Leader
(Give details of duties) : *Gms Proboscis, Structures
etc. Safety equipments etc*
 8. Resources Available and carried for the specific tasks : *75% Success*
 9. Was the organization able to carry out its assigned task?
How would you assess their performance
100 % Success / 75 % Success / 50 % Success /
25 % Success
 10. Observers Comments (overall opinion, good practices
and Weakness / shortcomings noticed) : *Very Good work.*
-

Sr No.	Aspect	Observation/Comment
1.	Emergency Support Function/ EOC Name	General Hospital, Alappuzha
2.	Nodal Officer	DR. RAJAN medical Superintendent
3.	Alternate Nodal Officer	DR. SEN (ARM)
4.	Observer	BABU. S. NAIR (ITBP)
5.	What was the first reaction of the Nodal Officer/ Org on receipt of information?	Emergency IIR activated. give msg to all supporting departments
6.	Their initial & subsequent assessment of the situations?	with very excellent and marvellous evaluation proceeds with a wonderful coordination.
7.	Duties undertaken by the Team Leader	Activated Emergency IIR and Evaluated Eight patients (Give details of duties) to another ward. Team leader supervision in all procedures.
8.	Resources Available and utilised for the specific tasks	Incl assessment of shortfall & plans for making up. Whether prioritisation done in application. Integration of volunteers/NGOs. Optimum use of NDRF, BRO etc civil Defence and fire and Rescue Service and Ems team Police give very high moral with Excellent work.
9.	Was the organization able to carry out its assigned task?	100 % Success/ <u>75 % Success</u> / 50 % Success / 25 % Success
10.	Observers Comments	(personal opinion, good practices and weakness / shortcomings noticed) Very Good work.

TASK FORCE FORMAT

Task Force No. _____


1. Location of Incident : _____
2. Supervisor : _____

	Name	Designation	Contact No.
Commander			
Dy Commander			
5.No	Composition	I/C Leader & Contact Details	Unit Size/Detail
1.	NDRF		
2.	SDRF		
3.	District Police		
4. <i>Head Constable/40</i>	CAPF <i>Bn B.O.S. Noida</i>	<i>950080202</i> <i>HCL/40</i>	<i>27146N 171</i>
5.	Medical Team		

6.	Ambulances			
7.	Machinery/JCB/Equipment			
8.	Telecommunication			
9.	Reporting/Documentation Team			
10.	Home Guard			
11.	Fire & Emergency Services Team			
12.	Rescue Vehicle			
13.	(any other resource)			
14.	(any other resource)			

Format For Report By Observer

1. Emergency Support Function
(e.g. Search & Rescue; Medical;
Dead Body Management; Restoration of --) : Search & Rescue, Medical
aid.
2. Nodal Officer (Name) : SUDHEESH R.
Deputy Collector LA
3. Alternate Nodal Officer (Name) : SAJEEV KUMAR P.A
Tahsildar Kashti Koppa Ky
4. Observer (Name) & Organization : HC/GD VINOD P.A, ITBP
5. What was the first reaction of the
Nodal Officer/ Org on receipt of information : The Nodal officer passed the
message received from DEOC to the IRS and
gave direction to evacuate the affected people.
6. What was their initial & subsequent assessment
of the situations : After getting direction from IRS an assessment
was made and coordinating various depts
as using available resources started rescue operation.
7. Duties undertaken by the Team Leader
(Give details of duties) : The team leader organised task force
and shifted the affected people to safe
place.
8. Resources Available and carried for the specific tasks : IRS team, volunteers, KSRTC bus,
boat, ambulance.
9. Was the organization able to carry out its assigned task?
How would you assess their performance :
100 % Success / 75 % Success / 50 % Success /
25 % Success : 100 % Success.
10. Observers Comments (overall opinion, good practices
and Weakness / shortcomings noticed) : The observer is of the
opinion that it is better to
use small vehicles instead of
large vehicles as they may cause
traffic jam in remote places and may
affect the entire rescue operation.


Hdad VINOD P.A
(I.T.B.P)

Sr No.	Aspect	Observation/Comment
	Emergency Support Function/ EOC Name	Search & Rescue Medical Aet
	Nodal Officer	SUDHEESH.R Deputy collector, LT
3	Alternate Nodal Officer	SAJEEVKUMAR.P.A Tahsildar, Kozhikode
4	Observer	VINOD.P.A (I.T.B.P)
5	What was the first reaction of the Nodal Officer/ Org on receipt of information?	The nodal officer received the message received from DEO's to the IRS and gave direction to evacuate the affected people.
6	Their initial & subsequent assessment of the situations?	After getting direction from IRS as assessment was made and coordinating various department and using available resources started rescue operations.
7	Duties undertaken by the Team Leader.	(Give details of duties) The team leader organised task forces and shifted the people to safe place.
8	Resources Available and utilised for the specific tasks	Incl assessment of shortfall & plans for making up. Whether prioritisation done in application. Integration of volunteers/NGOs. Optimum use of NDRF, BRO etc IRS team, volunteers, KSRTE bus, boat, ambulance
9	Was the organization able to carry out its assigned task?	100 % Success / 75 % Success / 50 % Success / 25 % Success 100% success
10	Observers Comments	(personal opinion, good practices and weakness / shortcomings noticed) The observer is of the opinion that it is better to use small vehicles instead of large vehicles as they may cause traffic jam to remote places and may affect the entire rescue operation.

TASK FORCE FORMAT

1. Location of Incident
2. Supervisor

Task Force No. _____

3

	Name	Designation	Contact No.
Commander			
Dy Commander			
S.No	Composition	I/C Leader & Contact Details	Unit Size/Detail
1.	NDRF		
2.	SDRF		
3.	District Police		
4.	CADF I.T.B.P	Hclad VINBD.P.H	6547234958
5. Hcl	Medical Team	On Call. 6) (on duty 18/12/23) PHE CH. 18/12/23	509 0676 99. 10 Numbers.

Hclad VINBD.P.H
(I.T.B.P)

6.	Ambulances	Fireforce - 1 Health Service - 2	
7.	Machinery/JCB/Equipment		
8.	Telecommunication		
9.	Reporting/Documentation Team		
10.	Home Guard	HQ. 219.	8301862596.
11.	Fire & Emergency Services Team	Assistant Station Officer, Fire & Rescue Station, Warrington	09441155901
12.	Rescue Vehicle		
13.	(any other resource)	Civil Defence, Post modern	09441116440
14.	(any other resource)		

Helix V/MIOO.P.P

1.T.B.P

Format For Report By Observer

1. Emergency Support Function
(e.g. Search & Rescue; Medical;
Dead Body Management; Restoration of --)
 2. Nodal Officer (Name)
 3. Alternate Nodal Officer (Name)
 4. Observer (Name) & Organization
 5. What was the first reaction of the
Nodal Officer/ Org on receipt of information
 6. What was their initial & subsequent assessment
of the situations
 7. Duties undertaken by the Team Leader
(Give details of duties)
 8. Resources Available and carried for the specific tasks
 9. Was the organization able to carry out its assigned task?
How would you assess their performance
100 % Success / 75 % Success / 50 % Success /
25 % Success
 10. Observers Comments (overall opinion, good practices
and Weakness / shortcomings noticed)
- : Very Good
- : SH. D.C. DILIP KUMAR
(THAHASILDAR MAVELIKKAD)
- : SMT. RAJALAKSHMI (BDO)
- : MR. MATHUNNY J. (SIT/tele)
- : ITB POLICE, HOORNAD.
- On receipt of disaster information
informed to all concerned
and co-ordinated all team.
- : Necessary directions issued
to all D.M. team.
- : Dingy, Ambulance, Traveller
veth and P.A. System.
- : YES. 100% Success.
- : State Level mock Ex. on
Flood disaster organized
in a short period, observed
very good & good administration
in all fields.
- Vehicles involving in rescue
operation should be hoisted
red flag or used stickers.


Mathunny J.
Sub Insp/Tele
278 Bn. 17 GP
Narasimha Kerala.