



DISTRICT FLOOD MANAGEMENT & RESPONSE

PLAN

KAMRUP METROPOLITAN DISTRICT

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1.1. INTRODUCTION:

The Present Assam was referred to as Kamrup in many of the ancient Indian literature. It was also known as Pragjyotishpur due to the astrological (Jyotish Shashtra) practices that prevailed in this part of the country during that time. However, "Kamrup" became a more predominant name in the later part of the history.

Kamrup Metropolitan District is vulnerable to various hazards like flood, landslide, storm, riverbank erosion, urban flash food and water logging. Manmade disasters like fire incident (domestic and commercial), bombblast and road accident also occur from time to time. Besides, the entire district falls under seismic zone V. Out of these hazards natural flood and flash flood are annual disaster which occure in Kamrup (Metro) District every year. This plan focuses on mitigation, preparedness and operations and defines the characterization of responder agencies of the district from within and outside the government.

Flood occurs generally in the low lying areas of the district during the months of April to October every year. The occurrence of flood in the district is due to the river Brahmaputra and its Tributaries. During rainy days the city of Guwahati also witnesses localised flood due to poor drainage system of the city. Besides, the district is located in the most seismically active region of the country i.e. zone V and very vulnerable due to high density of population and urban conglomeration of non engineered or inadequately designed multi-storeyed buildings.

1.2. DISTRICT PROFILE

LOCATION:

Kamrup metropolitan district is located between 25o43'and 26o51' N Latitude and 90o36' – 92o12' E Longitude.

AREA AND POPULATION:

Area : 1,528 Sq. Km

Population	:	12, 60,419 (as per 2011 Census)
Total Revenue Circle	:	5 Nos.
Total No. of villages	:	316 nos.
Total ZPCs	:	6 Nos.
Total wards	:	31 Nos.

1.3. ADMINISTRATIVE UNITS:

- This district has one Sub-Divisions-Kamrup Metropolitan Sadar Sub-Division.
- The Kamrup Metropolitan district has 5 (Five) Revenue Circles viz. Sonapur RC, Guwahati RC, Azara RC, Chandrapur RC, Dispur RC.
- There are total 3(three) development Blocks In Kamrup Metropolitan district, i.e Chandrapur, Dimoria, Rani, Development Block.
- This district has 31 Municipal wards in the city Guwahati.

1.4. CLIMATE:

Climate	:	Sub tropical with semi -dry summer & cold in winter.
Annual Rainfall	:	Ranges between 1500 mm to 2600 mm.
Average humidity	:	76%
Max. Temperature	:	37-39 degree C
Min. Temperature	:	6-7 degree C.

1.5. TOPOGRAPHY:

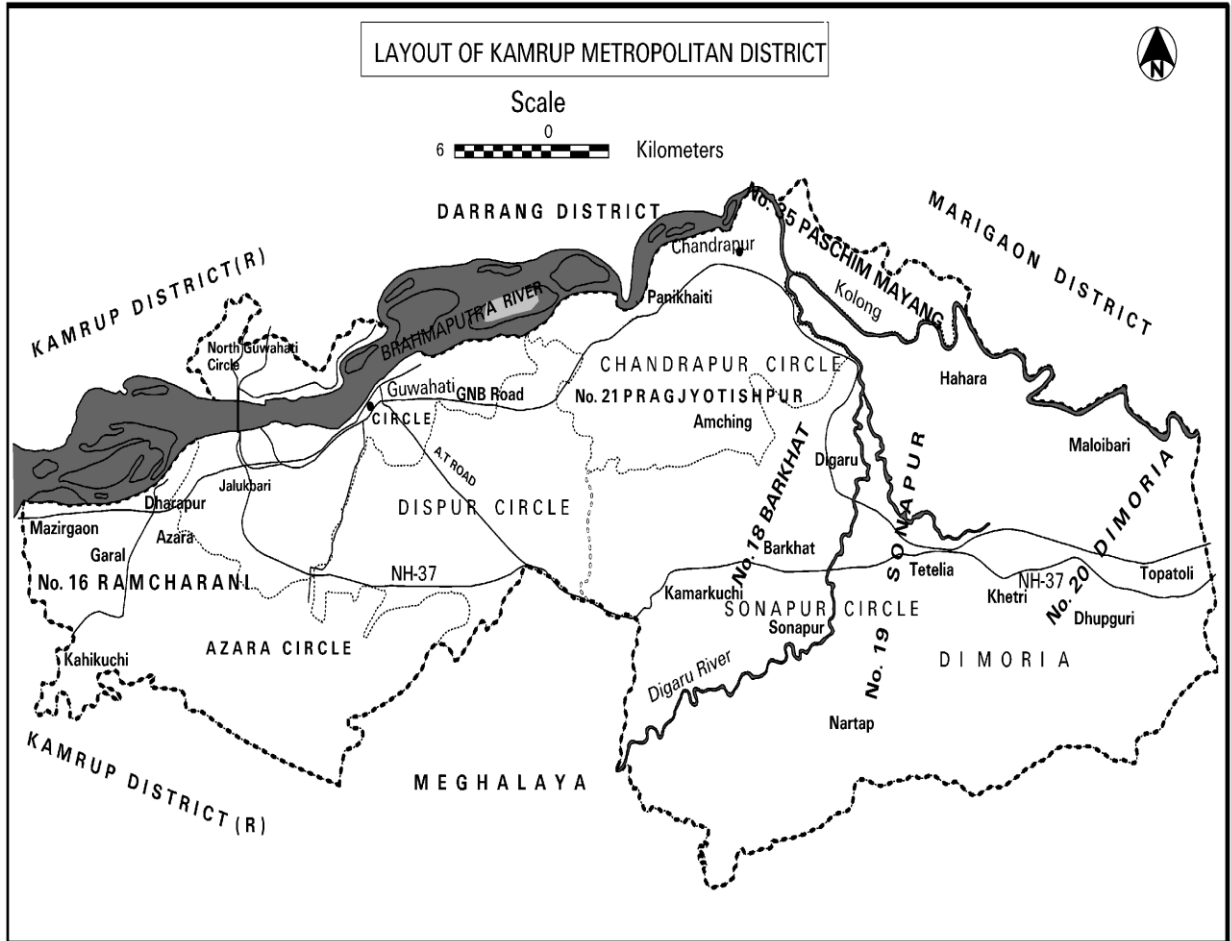
The district is bounded on the West and North by the Kamrup district and on the East by the Morigaon district. On the South, lies the state of Meghalaya.

1.6. RIVERS:

R. Brahmaputra, Bharalu, Digaru and Kolong are the major rivers of the district.

1.7. NATIONAL HIGHWAYS:

NH 31, NH 37



2.1 FLOOD SPECIFIC PRONENESS IN KAMRUP METROPOLITAN DISTRICT:

The general reason of occurrence of flood in Kamrup Metropolitan district is due to overflow of river Brahmaputra and its tributaries, mainly Bharalu, Kolong and Digaru.

In Guwahati, flash flood or water logging mostly in the rainy season creates havoc and severe inconvenience to the people in general. This is due to the unplanned and haphazard construction, encroachment, blocking of natural channels like Bharalu, Bahini, Mora Baharlu, Basistha river and water bodies like Sarusal and Borsala Beel.

FLOOD SPECIFIC PRONENESS TO VARIOUS TYPES OF HAZARDS IN THE KAMRUP METROPOLITAN DISTRICT.

The following table depicts about the various type of natural hazard that are prone in Kamrup Metropolitan district, its period of occurrence, potential impacts and the vulnerable areas of Kamrup Metropolitan District.

Type of Hazards	Time of occurrence	Potential Impact	Vulnerable areas
Flood	Apr to Oct	Loss of life, livestock, crop and infrastructure	Annexure-1 (History of floods & flood prone areas)

<i>PROBABILITY PERIOD / SEASONALITY OF DISASTERS</i>												
Name of Disaster	Month											
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Flood				←—————→								

2.2 HISTORY OF FLOOD & FLOOD PRONE AREAS IN KAMRUP METROPOLITAN DISTRICT –

Please see Annexure- I for ready reference.

2.3 INVENTORIES AND EVALUATION OF RESOURCES ANALYSIS:

Analysis and assessment of the resources and opportunities form the stepping-stone in the preparatory stage. Authentic assessments can make the planner aware of their tenacity and wants, so that they can equip themselves with all the required items and materials well in advance.

2.4 SHELTERS:

Accommodation for rescued/evacuated people has to be planned in advance. People living in low-lying areas have to be shifted to places at a higher elevation in flood situation. Advance identification of such sites is an important element of disaster preparedness. Schools and other public buildings should be inspected and strengthened before announcing relief shelter. The floodplains are very densely populated and availability of suitable lands for raised sites of villages in the vicinity of vulnerable low-lying areas is a major problem. People are not prepared to move to distant locations away from their sources of livelihood. Institutions located at higher elevations have come in handy to provide shelter to people who have to be evacuated from low-lying areas.

Apart from these, the school buildings in different places can be used as temporary flood-cum-temporary shelter during calamity. The list of the identified schools that can serve the purpose is given in ANNEXURE-.

2.5 STORAGE OF FOOD

Storage of food in accessible pockets is as vital as building shelters. All the Circle, Block headquarters and Gaon Panachayat Offices are used as storage points when need arises. The C.O & BDO's and the storage agents in charge of the respective blocks are the contact person for the block headquarters and the Panchayat Secretaries are the contact person for the G.P. offices. Adequate quantity of rice has been kept with each storage agent at each block headquarters for distribution to the victims as immediate relief.

These locations are used as storage locations for medicines, blankets. It has been decided to keep adequate stock of rice in the following places for distribution of emergent relief.

2.6 ADMINISTRATIVE PREPAREDNESS FOR FLOOD DISASTERS

The following steps have been taken as a part of administrative preparedness to combat any eventualities during and immediately after the disaster:

1. Control Rooms(DEOC) are functioning round the clock in DC's Office, Offices of the Jt Dir of Health Services, DA&VO, District Agriculture, PWD (R), PWD (B) All Executive Engineers of Irrigation, R&B (PWD), CWC, PHE,
2. Senior Level Officers from different departments will be assigned charges for all the flood/cyclone zones along with the BDOs of respective blocks.
3. Telephone Numbers have been made available to the Regional Meteorological Centre, Guwahati to intimate about the adverse weather
4. SDO Telegraphs / Telephones have been requested to keep the lines in order at the time of calamity
5. Daily report of rainfall is being obtained from the DEOC.
6. The Executive Engineers Water Resource Department have been intimated to report Gauge reading of the rivers, daily during flood and to keep drainage clean & repair all weak points/ breaches caused in the last flood and complete the left out work before the onset of monsoon, keep a close watch on the embankments passing through the habitations, remain alert with men and materials to face any eventualities (Primary Data ANNEXURE
7. The Executive Engineer, water Resource (Mech.) Division have to depute field official in the designated places where water pumps are placed for dewatering of logged water.
8. Executive Engineer, PHE has been directed to repair / replace the defunct tube wells on war footing basis before the rainy season

9. ADM (Relief) have been directed by the Deputy Commissioner and District Magistrate to store adequate foodstuff at interior, vulnerable strategic and key areas for immediate relief.
10. NGOs have been identified block wise and task force been formed in collaboration with the district administration to carry out relief operation, rescue and evacuation, etc.
11. DAO has been intimated to supply HYV paddy seeds to the blocks as a part of agricultural measure.
12. Jt. Dir of Health Services have to arrange Medical Relief Camps and doctors have been deployed for the purpose and the Jt. Dir of Health Services has been directed to keep the mobile medical team ready for the purpose. (Contingency Plan/ Ambulance Facilities/ Blood Bank/ Free Oxygen Services ANNEXURE-)
13. DVO have to arrange indent of different vaccines to protect animals against contagious diseases, medicines supplied to the field functionaries for routine treatment as part of veterinary measures. (Infrastructure / Equipments/ Contingency Plan ANNEXURE-)
14. PWD (R) Officer will look into the repairs of major roads, bridges, concrete steel work and make other necessary arrangements as per requirement.
 - Earth moving and Road cleaning equipments ANNEXURE-
 - Main accessible road to revenue circles at ANNEXURE -
15. NGOs/CBOs have been organized by the respective BDOs as relief parties
16. Review of pre-flood arrangements have been carried out and the contingency plan for flood and cyclone prepared by all the BDOs.

2.7 DISASTER SPECIFIC CAPABILITY ANALYSIS WITH THE HUMAN RESOURCES AND SKILLS

All the line departments such as Health, Veterinary, Irrigation, Police, Revenue, Electrical, PWD (B &R), CWC, ULBs etc. are instructed to stay prepared with the equipments and manpower before the specified disaster seasons. They will give a list of their resources and requirements to the Deputy Commissioner well in advance so that proper preparatory measures will be at place. The NCC, NSS and Paramilitary Forces will have to prepare a list of task force for the rescue, evacuation and relief operation. They will be provided with a relief kit each and a training manual. Training

should be conducted at the District, Block, GP and village levels to ensure that the awareness for disaster mitigation is built up among the communities. Mock drill should be conducted in anticipation of disasters to enhance the skills of the task force.

3

CHAPTER

ROLES AND RESPONSIBILITIES FOR FLOOD MITIGATION

3.1 ROLES AND RESPONSIBILITIES OF THE DEPUTY COMMISSIONER/ DISTRICT MAGISTRATE

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/ EQUIPMENTS TO BE PROCURED FROM
Pre-Disaster	<p>☀ <u>Preparedness Before the Flood</u></p> <ol style="list-style-type: none"> 1. Reviewing and analyzing the calamity situation in the district over the next one-year through DDMA meeting at the District level involving all the departments of the district as well as block and Village levels and the locally active NGOs/CBOs Identifying disaster prone zones and strategies to stay prepared for the worst. 2. Ensure IEC through Emergency section/C.O/ BDO's /NGO's: Movies/Street plays/ 3. Workshops / Wallings/ Painting. 4. Reviewing the DEOC and making it functional Making the DEOC well equipped and deputed senior officers from time to time to review the receipt of information and dissemination. 5. Calling a meeting for NGO/CBO co-ordination and discuss issues such as Capacity assessment of different NGOs/CBOs and ask them to adopt certain vulnerable areas to avoid overlapping and duplicity. Preparing a checklist (containing the dos and don'ts) and pass that on to the NGOs/CBOs 6. Checking stock of the Public distribution system and arrangement of the temporary godowns. 7. Checking the Resources with other department such as Police, Fire, Civil-Defence and of NSS/NCC/NYKS. 8. Preparing a list of Power Boats already deployed and/or to be deployed on hire during crisis. 	<p>All District level officials.</p> <p>ADM</p> <p>All BDOs</p> <p>DIPRO (District Information and Public Relation Officer.)</p> <p>Health</p> <p>Veterinary</p> <p>Leading NGO/CBOs</p> <p>NSS/NCC/NYK , Police,</p>	<p>NDRF/SDRF</p> <p>RTO</p> <p>Civil Defense.</p> <p>Commandant /coordinator of NCC/NSS/NYKS/</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM
During Disaster	<p>☀ <u>Search, Rescue and Evacuation:</u></p> <ol style="list-style-type: none"> 1. To co-ordinate with Civil defense, NGOs/CBOs. Zilla Sainik Board/Police for support. 2. Arrangement & Deployment of boats/vehicles etc. for evacuation 3. Evacuating people from marooned areas and administer emergent relief. 4. Organizing trained task force members and deputing to be marooned & Cut-off areas for evacuation. 5. Deployment of police for maintaining discipline and peace keeping during evacuation 6. Mobilizing people to move to flood shelters. 7. Deployment of Power Boat/Country Boat (Govt./Private) for evacuation wherever necessary. Deployment of Police/Fire Brigade for search and rescue. 8. Co-ordination with the NCC/NSS/Civil Defence/Zilla Sainik Board etc. for rescue operation Ensuring proper utilization of the rescue materials. Providing Rescue kits at the affected areas <p>☀ <u>Distribution of Relief Materials:</u></p> <ol style="list-style-type: none"> 9. Keeping a record of the affected area and people so as to account for the relief materials needed. Procurement and transportation of relief materials to affected areas 10. Arrangement of free kitchen in the shelter camps & affected areas and assigning the responsibilities to officials for proper distribution coordinating with the NGOs/CBOs 11. Encouraging other voluntary organizations from outside for rescue and relief operation. 12. Distribution of basic medicines and disinfectants to prevent epidemic 13. Ensuring Health care activities by the CDMO in the shelter camps & through mobile Units/Temporary Health camps at regular intervals 14. Ensuring Cattle health activities by the 	<p>Police Fire Brigade. Leading NGO. Circle officers. BDOs. Programme Co-coordinators of NSS/NCC/Defence units.</p> <p>Circle Officer</p> <p>BDOs, Medical Officers, Veterinary Officers, Paramilitary Forces, Police., PHE, RTO, Leading NGO and relevant departments.</p>	<p>Power Boats /Country Boats/vehicle/rope/rescue kits and trained resource personnel from NDRF/SDRF /Army / Air Force Unit/Civil Defence/ Hired from the private parties according to the requirement</p> <p>FCI, Private stockiest, Director Health services, Director</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM
	<p>CDVO through Mobile units/Temporary Health camps in the affected areas</p> <p>15. Ensuring that there is enough storage of food and pure water in the shelters.</p> <p>16. Monitoring all the activities in the affected areas.</p>		<p>Animal Husbandry, UNICEF/ UNDP/Other NGOs/INGOs</p>
<p>Post-Disaster</p>	<p>☀ <u>Short-term Measures:</u></p> <ol style="list-style-type: none"> 1. Formation of special task force with required equipments assigning responsibilities for specific areas. 2. Emergency cleaning of mud silt etc. to enable reconnaissance. 3. Clearing fallen trees and branches from the roads to facilitate local relief work. 4. Forming a work team carrying emergency tool kits. 5. Deployment of towing vehicles, earth moving equipments, cranes, 6. Construction of temporary roads. 7. Assessment of damage. 8. Temporary supply of food, drinking water and medicines to the shelters and affected areas 9. Arrangement for safe shelter for animals. 10. Providing the lighting facilities for shelter places. 11. Deployment of home guards and constables to maintain law and order 12. Providing temporary arrangements for income generation for the affected people 13. Encouraging NGOs/INGOs from outside to carry out restoration and reconstruction works <p>Ensuring crop insurance Supervising all the activities</p>	<p>All the district level officials /officers at district Headquarters/ Circle Officer /BDOs./ /POLICE/PARAMILITARY FORCES and relevant departments</p>	<p>Cranes, Road cleaning equipments, Water tankers, funds, vehicles, Gen sets, Earth moving equipments, seeds, fertilizers, pump sets,</p> <p>/Military cantonment / District Agriculture Officer</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM
	<p>☀ <u>Long Term Measures:</u></p> <p>14. Immediate restoration of Road communication,. Irrig. system, Educ.Inst, Govt. Inst, Electrical installation, Drinking water supply, Construction of IAY houses for the BPL families.</p> <p>15. Meeting with district level officials /Officials at Head quarter and chalk out emergency plan with vulnerable areas and resource list</p> <p>16. Pre-positioning of staff in the likely cut off areas</p> <p>17. Arrange food and other basic requirement for emergency response.</p> <p>18. Collect information from different areas and to act accordingly.</p> <p>19. Co-ordination meeting with officials at Headquarters by 12 hours intervals and 24 hours intervals with the field officials.</p> <p>20. Regular collection of situation report of the risk and vulnerable areas from the officers assign for the purpose.</p> <p>21. Provision for administering emergent relief and the other basic needs</p> <p>22. Keeping in touch with ADC (Relief) for supply of food articles procuring from FCI/Whole sellers.</p>	<p>Public Works Department/Water Resources /Education and youth services/PRIs/ Forest Department/Social Forestry etc.</p> <p>All District level officials/NGOs /CBOs/ Officials of the District office</p>	<p>Funds from all possible Sources</p> <p>Materials for temporary shelter procured from DFO/NGO/ etc.</p> <p>Vehicles – RTO/Private agencies.</p> <p>Medical requirements from Jt. Director of Health.</p> <p>Cattle feed from DVO, Civil-Defense for Volunteer</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM
	25. Deputation of Volunteers to different probable affected areas. 26. Helping the evacuees for returning to their houses. 27. Immediate arrangement of free kitchen in the cut-off and inaccessible areas 28. Relief distribution. 29. Monitoring of Relief distribution. 30. Provision of drinking water 31. Provision of Medical facilities. 32. Repair/Restoration of Roads. 33. Transportation of Relief and Human Resources		

3.2 ROLES AND RESPONSIBILITIES OF THE ADDL. DISTRICT MAGISTRATE (A.D.M)/CEO, DDMA

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS REQUIRED	REMARKS
Pre Disaster	<p>☀ <u>Preparedness:</u> 1. Playing a second in command to the Deputy Commissioner in all aspects</p> <p>☀ <u>Warning Dissemination:</u> 2. Ensuring proper dissemination of warning both downward and upward level improper interval of timing. 3. Ensuring proper functioning of Control room 4. Deployment of Office in charges of D.C in control room round the clock basis.</p>	CEO, DDMA POLICE, Circle Officer, BDOs, PRIs Other officials of the dist office. Nodal officers of other Line depts. Involve Warning Group a Task Force at Block, GP & Village level	VHF, Telephone, HAM Internet Connection	Comprehensive planning and proper situational and hazard analysis

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS REQUIRED	REMARKS
During Disaster	<p>☀ <u>Rescue and Evacuation:</u></p> <ol style="list-style-type: none"> 1. Inform Specialized Search & Rescue Team 2. Arrangement of Vehicles 3. Keeping the Police and Fire Personnel ready 4. Keeping staffs at the DEOC ready 5. Deployment of additional staff if necessary <p>☀ <u>Distribution of Relief:</u></p> <ol style="list-style-type: none"> 6. Proper allocation of relief materials to the affected areas Allocation of officials for proper distribution of relief materials. 7. Supervision of relief distribution. 	<p>RTO, IWT, POLICE, Circle Officers, BDOs, Telecommunication, Other officials of the dist office. Paramilitary forces, NDRF/SDRF NGOs/CBOs Involved in Search & Rescue.</p>	<p>Vehicles, Police personnel, Other staffs VHF, Telephone, HAM Internet Connection</p>	<p>Things to be done on war footing and with careful monitoring</p>
Post-Disaster	<p>☀ <u>Restoration:</u></p> <ol style="list-style-type: none"> 1. Keeping liaison with all line departments. 2. Restoration of roads, transport and communication systems 3. Collection of progress report on restoration and reporting to the Govt. 4. Periodical visits to the affected areas to supervise the restoration works <p>☀ <u>Distribution of Relief Materials:</u></p> <ol style="list-style-type: none"> 5. Procuring the list of the affected people and property from the C.Os & BDOs Preparing a comprehensive damage report 	<p>All Circle officers, BDOs, Officials of Revenue Department NGOs/CBOs & Line department</p>	<p>Reports on repairs/ restoration</p>	<p>Careful listing of beneficiaries and proper distribution</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS REQUIRED	REMARKS
	<p>6. Allotment of relief materials/financial assistance Monitoring to make sure that everything is at its place</p> <p>✳ <u>Coordination:</u></p> <p>7. Coordination with line departments and civil society organizations.</p> <p>8. Supervision of restoration activities under taken by different voluntary agencies.</p>			

3.3 ROLES AND RESPONSIBILITIES OF THE JOINT DIRECTOR HEALTH SERVICES

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/ EQUIPMENTS TO BE PROCURED FROM	REMARKS
Pre-Disaster	<p>✳ <u>Preparedness and Warning Dissemination:</u></p> <p>1. Stock piling of Life saving drugs/ORS packets/Halogen tablets on receipt of warning from the D.C</p> <p>2. Transmission of messages to all PHCs to stock medicines and keep the medical staff ready for Disease surveillance and transmission of reports to the higher authorities on a daily basis.</p> <p>3. Vaccination.</p> <p>4. To obtain and transmit information on natural calamities from the DEOC</p> <p>5. Advance immunization programme in the flood/Cyclone prone areas.</p> <p>6. Ensuring distribution of areas of operation among the mobile team.</p> <p>7. Pre-distribution of basic medicines to the people who are</p>	<p>Jt. DHS Medical Officers of PHCs/CHCs. ICDS</p> <p>NGOs/CBOs</p> <p>Private Practitioners in the locality/First Aid Trainers</p> <p>Involve First Aid Task Force at Block, GP & Village level</p>	<p>Medicines, Required medical equipments, First Aid kits</p> <p>Ambulances, Public Address systems, Mobile vans, Tents</p>	

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/ EQUIPMENTS TO BE PROCURED FROM	REMARKS
	likely to be affected 8. Shifting the patients who are in critical situation to the District Hospital 9. Awareness messages to stop the outbreak of epidemics 10. Conducting mock drills	formed under DRM programme		
During Disaster	✨ <u>Rescue and Evacuation:</u> 1. Coordination with Specialized Search & Rescue Team 2. Constitute mobile teams and visit the worst affected areas. Dis-infection of Drinking water sources. 3. Opening of site operation camps 4. Regular Health Check up at Shelter camp/Cyclone shelter & affected areas 5. Assigning responsibilities to the CM& HOs/ SDM& HOs for close monitoring of Health camps.	-do- Rescue team, Volunteers at the Shelters, Police, Fire officers, Trained volunteers	-do-	
Post-Disaster	✨ <u>Restoration and Rehabilitation:</u> 1. Organization of Health Camps, 2. Deploying mobile fully equipped and manned Medical vans 3. Close monitoring of Health camps. 4. Ensuring adequate quantities of medicine/disinfectants 5. Making sure that there is no outbreak of water borne diseases/Malnutrition. 6. Co-ordination with the District Rehabilitation Committees, other line departments, NGOs /ICDS projects, village committee, PHE, etc.	-do-	-do-	

3.4. ROLES AND RESPONSIBILITIES OF COMMISSIONER OF POLICE

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM	REMARKS
Pre-Disaster	<p>☀ <u>Preparedness and Dissemination of Warning:</u></p> <ol style="list-style-type: none"> 1. Reception of Warning from the DEOC or other Source 2. Communication establishment with District and Block Control rooms and departmental offices within the division. 3. Alerting the Police force for deployment at the time of calamity 4. To issue directive to police field functionaries to co-operate with Revenue Personnel in management of Relief operation & Patrolling. 	Home Guard/Par amilitary force/ APR forces	VHF, Other improved telecommunication systems.	
During Disaster	<p>☀ <u>Rescue and Evacuation:</u></p> <ol style="list-style-type: none"> 1. Involvement of Specialized Search & Rescue Team. 2. Clearance of roads and other means of transportation 3. Traffic management and patrolling of all highways and other access roads to disaster sites 4. Making sure that discipline is maintained 5. Assistance to district authorities for taking necessary action against hoarders, black marketers and those found manipulating relief material 6. Co-ordination with fire personnel. Provision of security in transit camps/feeding centers/relief camps/cattle camps/cooperative food stores and distribution centers Safe guarding of belongings of evacuees <p>☀ <u>Distribution of Relief:</u></p> <ol style="list-style-type: none"> 7. Maintaining laws and order at the Shelters and the relief camps 8. Coordination with military service personnel in the area 9. Deploying officers/ police personnel to record death cases 10. Assisting the community in organizing emergency transport 11. Assisting the District officials/NGOs in distribution of relief 	-do- NCC, NSS Trained Volunteers Local Youth NGOs/CB Os	-do- Rescue kits, Vehicles Equipments for clearance of roads and water logging Boats and other related stuffs	

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/EQUIPMENTS TO BE PROCURED FROM	REMARKS
	materials. 12. Providing escorts in transit of relief materials to the relief camps/affected areas. ✨ <u>Patrolling:</u> 13. N.H, Bridges, Public Institutions, Godowns etc.			
Post-Disaster	✨ <u>Short term Measures:</u> 1. FIR of the disasters, the damages and the death cases. 2. Assisting in collection of damage statistics of private properties. 3. Maintaining law and order ✨ <u>Long Term Measures:</u> 4. Close Coordination with district administration and local/external NGOs in reconstruction and rehabilitation process 5. Assisting the District authority whenever the need arises Periodical visits to the affected areas to ensure law and order		Vehicle communication systems.	

**3.5 ROLES AND RESPONSIBILITIES OF THE PROJECT OFFICER, ASDMA
POSTED IN THE DISTRICT**

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES	REMARKS
Pre-Disaster	<p>1. Making sure that everything stays at place in the control room. Seeing to it that the DDMP and the contingency plan for flood reach all the line departments.</p> <p>2. Receiving the Warning from SRC and crosschecking them with IMD and in websites for authenticity Disseminating the warning to the Circle & block offices and asking them to disseminate further to reach each and every household.</p> <p>3. Deploying the staff of the control room for round the clock alertness.</p> <p>4. Making sure that all the shelters receive enough water and food stocks in advance</p> <p>5. Establishing contact with all the line depts. Over phone, email, wireless, sat phone and VHF</p> <p>6. Procuring all the required resources from all the possible sources.</p> <p>7. Regularly updating the information received from the blocks</p>	COs, BDOs, NGOs/CBOs, DEOC Staff,	VHF from the Police/ HAM RADIO Mike-set /Batteries/Generators available at the district office/ from the Private parties on requisition	
During-Disaster	<p>8. Coordinating with all the line departments for rescue and evacuation.</p> <p>9. Checking the stocks with the DEOC and asking for more if needed.</p> <p>10. Distributing the relief materials to all the places.</p> <p>11. Checking every bit of receipt and dispatch of relief items</p> <p>12. Establishing round the clock contact with all the depts., C.Os and Sr.BDOs / BDOs and with the shelters.</p>	D.C, ADM/CEO-DDMA, SP, Jt DHS, DVO, C.Os and BDOs, NGOs/CBOs, DEOC Staff, NGOs, Community level Volunteers	Relief Items, Food Stocks, Rescue and evacuation equipments, Vehicles,	
Post-Disaster	Receiving the list of beneficiaries from different BDMC and GPDMC Cross checking the list of beneficiaries to avoid fabrication.	C.Os /BDOs, Beneficiaries		

3.6 ROLES AND RESPONSIBILITIES OF THE DISTRICT VETERINARY OFFICER

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES/ EQUIPMENTS TO BE PROCURED FROM	REMARKS
Pre Disaster	<ol style="list-style-type: none"> 1. Adequate skilled manpower 2. First aid facility 3. Identification of safer place (like open space/ high land) 4. Network of communication with skilled personnel 5. Immunization against any outbreak of prevalent diseases. 6. Train Cross Disposal Team at grass root levels 	C.Os and BDOs, NGOs/CBOs, DEOC Staff, NGOs, Community level Volunt, DRM Committee	Fodder, Vaccination, Medicine, Vehicles, Tents, Mobile Van	
During Disaster	<p>☀ <u>Warning:</u></p> <ol style="list-style-type: none"> 1. He should communicate the warning of flood received by him immediately to the sub-ordinate officers. 2. Deployment of skilled personnel in the affected areas and work with local Disaster Management Team. Rescue and rehabilitation of affected animals to safer places 3. Arrangement of feed and fodder. Rendering first aid where necessary 	-do-	-do-	
Post- Disaster	<ol style="list-style-type: none"> 1. To arrange Veterinary Health Care camps in the affected areas. 2. Collection of damage statistics and inform D.C 3. Crosschecking the list of beneficiaries to avoid fabrication (While assessment include GMC members) 	-do-	-do-	

3.7 ROLES AND RESPONSIBILITIES OF THE CIRCLE OFFICERS (C.O) AND SR.BDOS/BDOS

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS TO BE PROCURED FROM	REMARKS
Pre-Disaster	<p>☀ <u>Preparedness:</u></p> <ol style="list-style-type: none"> 1. Providing authentic information required by the DEOC 2. Preparing a record of previous disasters in the locality and analyzing the effects 3. Preparing hazard maps of the Block & the GPs in minute details 4. Mapping the cut off areas with alternate route map. 5. Identification of shelter places in the maps 6. Keeping a List of storage Points & facilities available, dealers of foodstuffs. 7. Keeping a list of vulnerable people and area and weak points on embankments (if applicable) 8. Creating a Control Room at the respective level and assignment of duties to the staff. 9. Pre-positioning of staff for site operation centers. 10. Uninterrupted communication with the DEOC 11. Arrangement of alternative communication/generator sets, etc 12. Formation of Block/GP/village level disaster committees and task forces 13. Arrangement of boats on hire available locally. 14. Deployment of Boat in the most vulnerable areas. 15. Organizing awareness camps at GP/village levels <p>☀ <u>Dissemination of Warning:</u></p> <ol style="list-style-type: none"> 16. Crosschecking with the DEOC for the authenticity of the warnings <p>Arrangement or requisition of Jeeps/Trekkers/ Auto Rickshaw to disseminate received warning information's to the population of</p>	<p>All the C.Os and Sr.BDOs / BDOs functionaries. Police/Fire personnel/RTO/ Village/GP level task force/trained volunteers Local NGOs/CBOs</p> <p>Line departments</p>	<p>Vehicles, Police personnel, Other staffs VHF, Telephone, HAM Rescue kits Mobile Vans, Boats(country & power)</p>	<p>If possible prepare Contingency plan for all the Vulnerable GPs and Villages</p>

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS TO BE PROCURED FROM	REMARKS
	vulnerable / weak places Dissemination of warning/ coordination with District control room. 17. Warning the people about probable affected areas Mobilizing the people to leave for identified shelters with their domestic animals and personnel belongings.			
During Disasters	<p>★ <u>Rescue and Evacuation:</u></p> <ol style="list-style-type: none"> 1. Deployment of Police/Fire Brigade for search and rescue. 2. Alert the Specialized Search & Rescue Team 3. Co-ordination with civil defense/NYK/NCC/NSS/Zilla Sainik Board for rescue operation. 4. Ensuring availability of rescue materials. 5. Guiding the evacuees in the identified shelter places and arranging all common needs for them. 6. Provision of rescue kits. 7. Clearance of roads and water logging for restoring communication to affected GPs/Villages. 8. Assisting the District Team in every possible ways 9. Coordinating with the NGOs/CBOs for rescue work 10. Mobilizing the local youth to help the rescue team 11. Assisting the NDRF, SDRF etc. <p>★ <u>Distribution of Relief:</u></p> <ol style="list-style-type: none"> 12. Keeping the record of everything at the shelters 13. Arrangement of free kitchen in the shelter camps./worst affected areas. 14. Deploying staff for proper distribution of relief materials in coordination with GP & Village level Disaster Mgmt Committee 	-do-	-do- Food stocks and other indispensable items	Things have be done on war footing and effectively

PHASE	ACTIVITIES	OTHER OFFICIALS TO BE INVOLVED	RESOURCES / EQUIPMENTS TO BE PROCURED FROM	REMARKS
	15. Arrangement of communication system in the worst cut off areas. 16. Ensuring supply of safe drinking water & health facilities in the effected areas/shelter camps. 17. Coordination with NGOs/Other voluntary organizations.			
Post-Disaster	<p>★ <u>Restoration and Reconstruction:</u></p> 1. Collection of damage statistics like ICDS/school buildings etc. 2. Ensuring just distribution of ex-gratia and other financial assistance 3. Provision of temporary income generation activities for the worst affected people 4. Supervision of Relief operation and restoration work in the affected areas. 5. Restoring the transportation and educational institutions on high priority 6. Helping the local economic activities to come back to normalcy 7. Keeping liaison with District administration and other line departments. 8. Ensuring coordination with the G.P and Village committee. 9.Co-ordination with NGOs/Civil society organization etc.	-do-	-do-	Careful assessment to be done for facilitating the reconstruction and restoration works

3.8 Responsibilities of other Line Departments:

NAME OF THE DEPARTMENT	DUTIES TO BE PERFORMED IN NORMAL TIME.	DUTIES TO BE PERFORMED AFTER RECEIVING 1ST WARNING	DUTIES TO BE PERFORMED AFTER THE DISASTER.
Water Resources Department	<ul style="list-style-type: none"> • The branches to embankments, to be checked and repaired. • The Embankments should be strengthened. • Clearing, widening digging of the natural channels like Bharalu, Mora bharalu, Bahini and Basistha. • The obstruction in the natural channels, if any should be got removed immediately for enabling free flow of water. • The sluice gates of the channels and waterbodies are to be checked and satisfied that they are in good condition. • The instruments and materials etc. required attending to immediate repairs breach of embankment etc. should be stacked at places where they may be required locating such places early. • The Channels and drains should be free from obstruction and they should be made available for free discharge of drain water. • Installation of pump sets in strategic location and deployment of staff for operation of the pumps for dewatering of logged water. 	<ul style="list-style-type: none"> • 1st warning should be communicated to all the subordinate staff and employees. • They should be alerted to check whether the Channels and drains are in proper condition to allow free flow of water. • Field staff should be placed in the field and be ready for response. • As soon as the river is within one metre of the danger level startt vigorous petrolling the reach of embankment /dykes and ensure any leakage, seepage etc are promptly attended to. • On occurance of flood the department will examine the physical conditions of the embankments/dykes and ensure any leakage, seepage etc are promptly attended to. • Assist DC in flood operation by sparing personnel equipment, vehicle, pumpsets etc available. 	<ul style="list-style-type: none"> • Damages due to Flood to embankments roads etc. should be assessed and reported to C.Os & SR. BDOs/ BDOs, EO concerned immediately. • Digging of link drains and other drains to drain outstanding flood water. • Construction and repairs to ring and other abadi protection bunds • Repair to and deepening of existing drain to eliminate possibility of future floods.

NAME OF THE DEPARTMENT	DUTIES TO BE PERFORMED IN NORMAL TIME.	DUTIES TO BE PERFORMED AFTER RECEIVING 1ST WARNING	DUTIES TO BE PERFORMED AFTER THE DISASTER.
Guwahati Municipal Corporation	<ul style="list-style-type: none"> • Ensure clearing and desiltation of secondary and tertiary drains • Checking and repairing of pumpsets, and other equipments and keep them ready for use during flood. • Keep the manpower, officers ready to tackle any eventuality • Keep stock of disinfectants, etc. for spraying in affected areas. • Assess and prepare list of staffs of different categories for duties and make necessary arrangement. 	<ul style="list-style-type: none"> • During flood installation of pumpsets in the affected areas for dewatering. • Arrangement for alternative transportation for affected people. • Help administration in relief operation. • Supply of drinking water to the affected people. 	<ul style="list-style-type: none"> • Assessment of damage of roads, drains due to flood. • Clearing of secondary and tertiary drains. • Clearing of garbages silt etc from drains and roads. • Spraying of disinfectants in the affected areas. • Providing purified drinking water etc. • Restoration and repair of roads and drains damaged due to flood.
CEO of A.S.E.B	<ul style="list-style-type: none"> • He should see that the field staff checks the electrical line and replace old materials used in the power supply. • He should see that all had wiring in service connections are rectified. • He should see that the report regarding flood warning should be reported to other subordinate offices. • He should see that trees, branches etc. fall on electrical lines are out and removed. • The field staff should see that electrical supply in the places where flood may occur should be cut off. • The field staff should be in touch with DDMA and inform the situation at frequent intervals. • To open 24X7 Control Room. • Inform to Control Room D.C office in case of failure 	<ul style="list-style-type: none"> • On receipt of the 1st warning it should be communicated to all the subordinate staff. • It should see that all the vehicles under his control be kept in perfect order. • Alert the entire staff to return their Hqrs. And get in touch with immediate requirement. • They should give wide publicity that houses consumers should arrange lanterns and battery light for use in case of power is out off. 	<ul style="list-style-type: none"> • Restoration of power lines on priority to: - <ol style="list-style-type: none"> 1. Hospital, Water supply 2. Control Room 3. Railway station and 4. to other office on priority as per list appended. • Live wires on ground should be removed promptly. • Damaged or felled electrical poles should be immediately replaced and obstructions on roads should be got removed.

NAME OF THE DEPARTMENT	DUTIES TO BE PERFORMED IN NORMAL TIME.	DUTIES TO BE PERFORMED AFTER RECEIVING 1ST WARNING	DUTIES TO BE PERFORMED AFTER THE DISASTER.
SDRF/F&ES	<p>of powers.</p> <ul style="list-style-type: none"> • The SDRF personnel should be kept in readiness along with equipments, boats, for rescue operations. • Should be in close coordination with DDMA. • Keep in touch with each of the other fire stations in the district. 	<ul style="list-style-type: none"> • The 1st warning should be immediately communicated to fire stations. • The staff should be called on for duty. • Full complement of the staff should be available for the vehicles should be obtained and kept in reserve. • Move to the affected areas for assisting in rescue operations and evacuation of transfer of affected people to relief camps or safer places. • Deployments of rescue teams with required equipments and boats etc. for rescue operation. 	<p>Removal of collapsed houses, walls etc. should be attended</p> <p>Persons involved in house collapsed should be promptly reserved.</p> <p>Report on the relief activities, under taken should be promptly reported.</p>
PWD (R) Department	<ul style="list-style-type: none"> • Ensure that the road side materials are stacked in proper places so that they are not washed away. • The passage of all cross drains (bridges and culverts) is clear, free from obstruction to allow easy flow of flood water. • Repairing of damaged culverts and bridges wherever necessary. • Desiltation and cleaning of the PWD Drains • Ensure that equipments, vehicles like bull dozer, trucks road rollers and keep ready for use. • Arrange reserve stock of tools and plants and 	<ul style="list-style-type: none"> • On receipt of flood warning the Executive Engineer will keep constant and continuous contacts with the Deputy Commissioner/circle officers. • On occurrence of flood, immediately visit the flood affected areas. • Assess requirement and deploy staff for keeping round the clock vigil of the roads, bridges etc. • Report of the road submergence to the Deputy Commissioner, immediately after the occurrence indicating concisely the location and extent of 	<ul style="list-style-type: none"> • Restore tools and plants. • Repair/replace damage tools and plants. • Take steps for repairs to damaged roads, culverts, bridges and buildings and other structures borne in the books of PWD. • Prepare plan and estimates for immediate restoration of damaged infrastructures and place it before DDMA for forwarding it to government.

NAME OF THE DEPARTMENT	DUTIES TO BE PERFORMED IN NORMAL TIME.	DUTIES TO BE PERFORMED AFTER RECEIVING 1ST WARNING	DUTIES TO BE PERFORMED AFTER THE DISASTER.
	<p>other stores at scales prescribed by the Chief Engineer,</p> <ul style="list-style-type: none"> • Material for constructing temporary bridges and camps for PWD workers are available • Assess and prepare list of staffs of different categories for duties and make necessary arrangement 	<p>submergence.</p> <ul style="list-style-type: none"> • Render technical assistance as may be required by the D.C. in constructing temporary huts in relief camps and in other test relief works. 	
Executive Engineer, PHE	<ul style="list-style-type: none"> • Assess measures likely to be required for safe water supply in these areas. • Prepare a list of personnel of different categories available in nearest PHE division required in each area during heavy flood. • Ensure adequate stock of equipments and materials for sinking tubewells, ringwells, pits/sanitary latrines etc. in the relief camps and other places in the flood affected areas. • Prepositioning of the water purifier mounted vehicles used for providing packaged drinking water in vulnerable locations in the state. 	<ul style="list-style-type: none"> • On receipt of flood warning, he will alert subordinate officers and staffs for flood. • Check vehicles equipment, stores etc. and draw up tentative programme of action. • On occurrence of flood: keep close touch with DC. • Visit flood affected areas immediately and start measures for water supply and pit/sanitary latrines. • Assess extent of water supply measures required and deploy necessary staff. • Constantly visit the flood affected areas and ensure adequate safe water supply measures & sanitation in the relief camps. 	<ul style="list-style-type: none"> • Restore tools and equipments etc. • Repair/restore damaged tools and equipments. • Prepare plan and estimates for immediate restoration of water supply pipelines and infrastructure.

NAME OF THE DEPARTMENT	DUTIES TO BE PERFORMED IN NORMAL TIME.	DUTIES TO BE PERFORMED AFTER RECEIVING 1ST WARNING	DUTIES TO BE PERFORMED AFTER THE DISASTER.
Deputy Director, F& ES	<ul style="list-style-type: none"> • Arrange for procurement of controlled commodities like rice and maintain a reserve stock of the required quantities of these items in specified places with the govt. agencies to be released during flood on a requisition from DC. • Hold discussion with representatives of Chambers of Commerce, local traders and cooperatives and ensure adequate stock of non controlled essential commodities like edible oil, salt etc. so that these can be made available at reasonable prices to DC for relief works. • Intimate DC the names of the agencies and the quantity of reserve stock available with each agency. 	<ul style="list-style-type: none"> • Ensure adequate supply position of essential commodities, particularly the controlled commodities not only for affected areas but also in the other areas in the district. • Take steps on priority basis for arranging additional supply from within or outside the district. • Deploy staff for relief in the affected areas. 	<ul style="list-style-type: none"> • Obtain the particulars from govt. agencies regarding the quantity of each of the commodities released from the reserved or other stock for relief and submit a complete return within one month from the date of expiry of the emergency to the DC and to the director of supply.

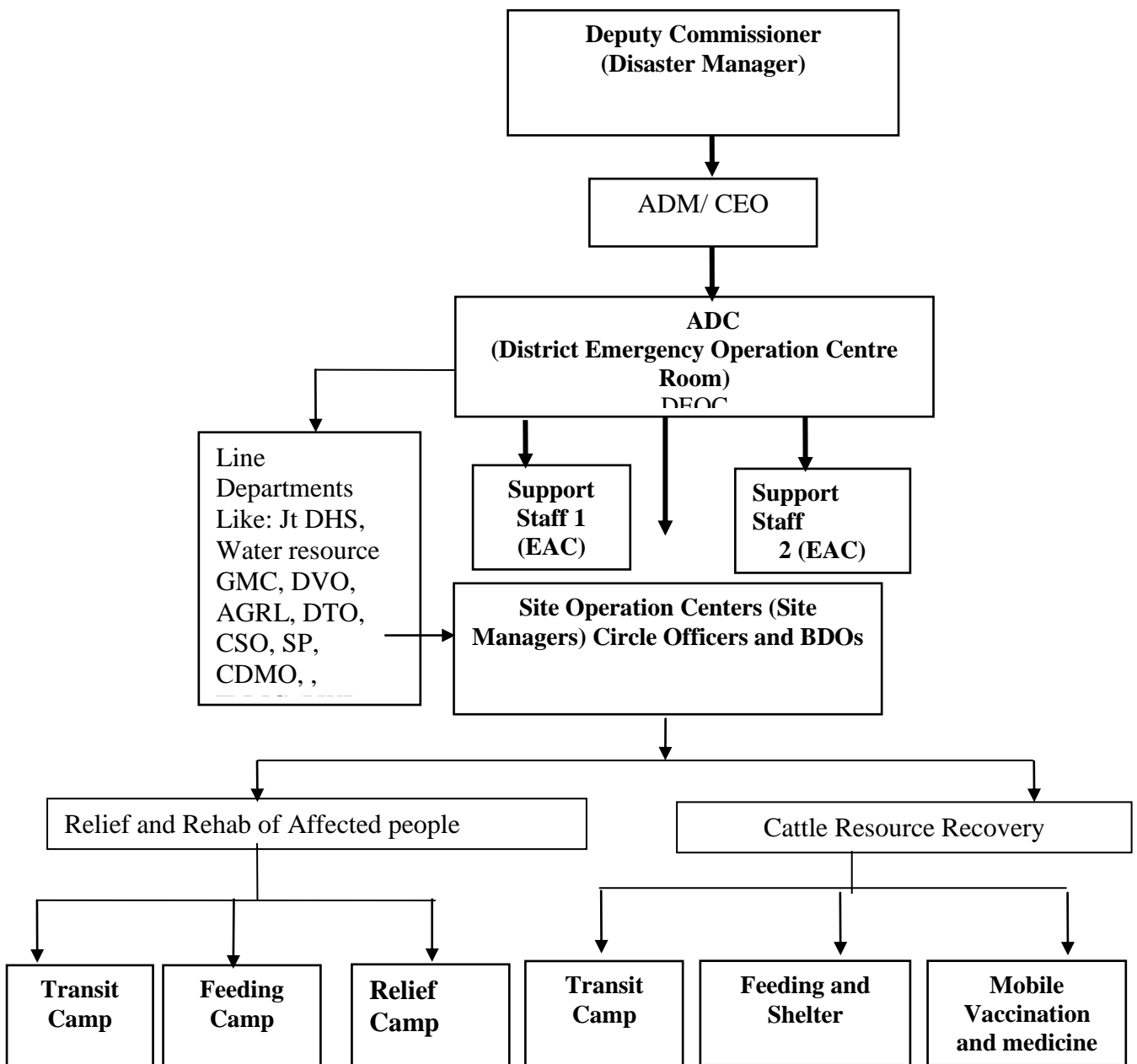
DISTRICT EMERGENCY OPERATION CENTER (DEOC)

District Disaster Response & Emergency Centre is situated in the DC’s Office, Kamrup (M) where during flood season from 15th May to 15 October,2014, staffs are detailed 24X7 for receiving and descimination of flood related information information.

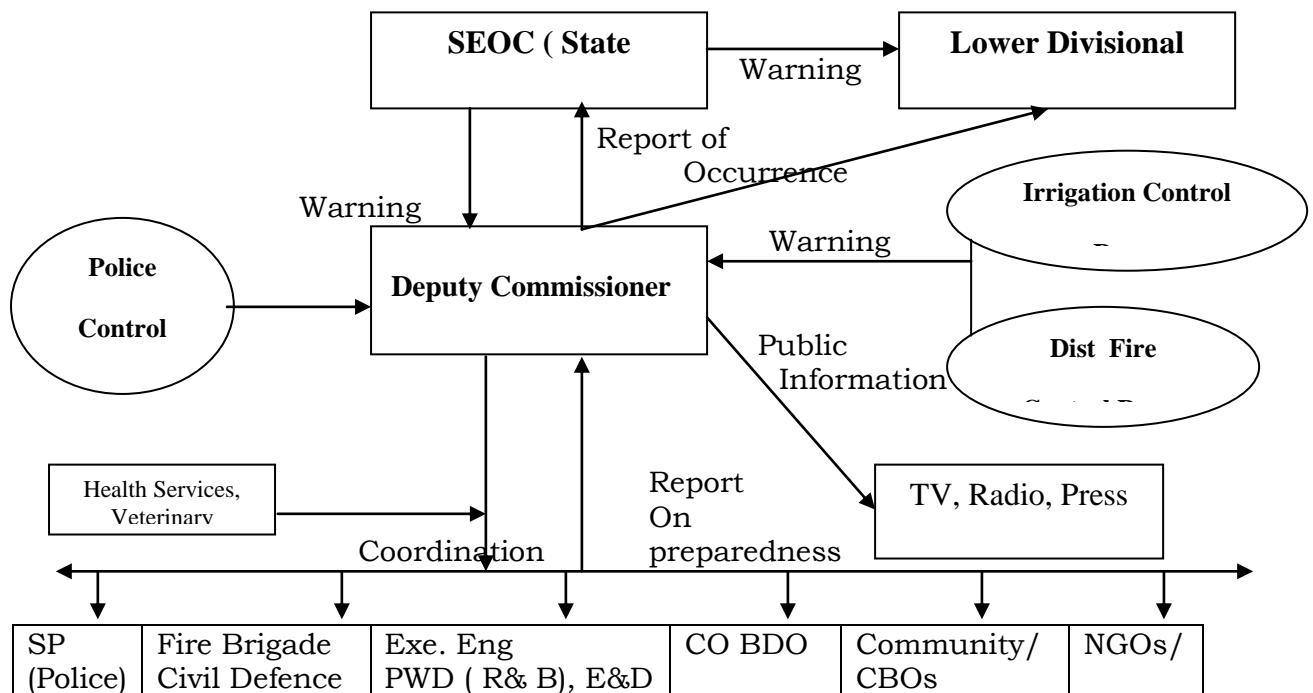
The main task of the DDR& IC is to collect damage related informations in prescribed format(enclosed as Annexure) from the concerned revenue Circles and departments. During flood it also works as emergency No. for the public for any complaints suggestions etc.

The Telephone No. of the Control Room is 0361-277053 and Toll Free No 1077.

4.1 CO-ORDINATION STRUCTURE AT DISTRICT LEVEL CONTROL ROOM



4.2 Early Warning Dissemination



4.3 Incident Command System

In the absence of the Deputy Commissioner, ADM / ADC will officiate and exercise all the powers and responsibilities of the District Disaster Manager.

On the receipt of warning, all community preparedness measures and counter-disaster measures would come into operation.

6.5.11 Role of Circle officers and BDOs:

Immediately on receipt of warning they will act as follows:

- ❖ They will depute officers to their appointed areas.
- ❖ Warn the people especially in low-lying areas through Lot Mandal/ Goanburah/ Ward Members/ Home Guards/ Religious Places/ Volunteer Organizations by bit of Drums in the villages and local markets.
- ❖ If the devastation is large loudspeaker may be used for dissemination of the messages and alert the people.
- ❖ They will assess and locate the nearest relief shelters and sound school building for evacuating the people.

- ❖ They will arrange vehicles/ boats (power boat & country boat) to shifting the people to the shelter point.
- ❖ They will assess the requirement of foodstuff, medicines, fodder etc. and take necessary measures accordingly.
- ❖ Co-ordinate with Line Departments for early restoration.
- ❖ Evacuate people from low-lying areas if situation so warrants. For this they may enlist
- ❖ Co-operation of local Youths, volunteers, Nehru Yuva Kendra and Marwadi Munch etc..
- ❖ Keep the Government power and country boats ready in vulnerable points and appoint boatman for the country boats
- ❖ They should see that sufficient quantity of rice/wheat/Kerosene oil/Match Boxes/fuel etc., are made available through retail sale center and local markets.
- ❖ To take steps to guard the weak and vulnerable points in embankments through VDP, Home Guards and Police constables etc.
- ❖ If situation so warrants, start distribution of emergent relief in marooned areas after obtaining approval of Deputy Commissioner concerned.
- ❖ There may be necessity of more vehicles for undertaking rescue and relief operation. In such circumstances they will immediately contact the District Transport Officer.
- ❖ Apart from Govt. Country boats there may be necessary of private country boats. In such cases the Circle Officers and BDOs may hire private country boats under intimation to DEOC.
- ❖ To keep DEOC informed about the situation and relief measures.
- ❖ To assess damages through field staff and submit preliminary report within 3 days of the occurrence of the calamity.
- ❖ To assess detailed damage and submit final damage report to District office.
- ❖ The Circle Officers will assess damage to the private houses through Sr BDOs/ BDOs, staff deputed from other offices and Disaster Management Committee. After assessment of damages they will conduct at least 10% test check to ensure correctness of the enumeration. Sr BDOs/ BDOs and other officers deputed from different offices may also be engaged for check. After final assessment, proposal is to be sanctioned by Circle Officer

concerned and submitted to Deputy Commissioner for approval requirement of funds.

- ❖ In case of human casualty, the Circle Officer concerned will submit report to Deputy Commissioner in 24 Hrs, for consideration of sanction of ex-gratia.

RESPONSE PLAN

FOR DISTRICT EMERGENCY OPERATION CENTER, KAMRUP
METROPOLITAN DISTRICT

Control Room No.: 91-361-277 053/1077

Response at District level		
1.	<p>On receipt of flood warning, DDMA will pass the information for taking necessary measures to:</p> <ul style="list-style-type: none"> • Concerned Circle Officers • Supdt. of Police • Executive Engineer, WR department • Executive Engineer, PWD (R) • Station Officer, F&ES & IC of SDRF/NDRF stationed in the district. • Commissioner GMC, for immediate necessary response • Deputy Director, F&C supplies • Jt. Director, Health Services • DVO to take necessary measures so that if necessary assistance can be provided in short notice to the affected areas. • DIPRO, if requires to give public announcement for evacuating people from vulnerable areas. 	Deputy Commissioner will direct ADC & CEO DDMA, Kamrup(M)
2.	CP will instruct Senior Station officer, F&ES /SDRF to assist the Circle Officer in Rescue, Evacuation & relocation process.	Superintendent of Police(SP)
3.	<ul style="list-style-type: none"> • Sr. Station Officer, F&ES will mobilise teams of SDRF & Boats available in their custody and coordinate with DDMA/ Circle officer for response. 	Sr. Station Officer, F&ES.
4.	<ul style="list-style-type: none"> • Executive Engineer will mobilize men and materials to strengthen embankments. • For urban flood in Guwahati the executive engineer will mobilize officials and men to the pumping stations for immediate operation for dewatering of water. • The designated officials will start the pumping operation immediately. 	Executive Engineer, WR Department (Civil & mechanical division)

	<ul style="list-style-type: none"> • Keep constant vigil on water levels in Brahmaputra, Bharalu, Mora bharalu, Bahini, basistha river & take necessary measures like installing more pump sets wherever necessary, clearing of blockage if any etc. to keep the water level down so that water do not overtop and inundates the locality. • Take immediate necessary measures to avert any breaches in embankments. 	
5.	<ul style="list-style-type: none"> • Take adequate measures to ensure that the road communication is not disrupted; repair any breaches of roads for evacuation and supply of relief to the affected people. 	Executive Engineer, PWD (Roads)
6.	<ul style="list-style-type: none"> • On receipt of warning Commissioner, GMC will arrange men and material to be deputed in the affected areas. • Installation of pumpsets and operators wherever required. • Keep constant vigil on the the flood affected areas & take temporary necessary measures to clear blocked secondary and tertiary darins in those areas. • Supply of drinking water to the affected people, arrangement of alternative communication for transportation and evacuation. 	Commissioner, GMC
7.	<ul style="list-style-type: none"> • Jt. Director, Health services on receipt of information will initiate to mobilize medical response team, ambulances & alert all govt. hospitals in the area likely to be affected. • He will also direct SDMO or I/C of the PHC of the concerned area to form a team of doctors equipped with necessary medical equipments and move to the affected places or relief camp/centre as required by the Circle Officer. 	Jt. Director, health Services.
8.	<ul style="list-style-type: none"> • Take periodic report of the situation 7 instruct Circle Officers, Jt Director, Health Services, Executive Engineer PWD (R), PHE, WR, GMC, Irrigation, Police, F&ES to take necessary measures as required for dealing with the situation. 	Deputy Commissioner, Kamrup(M)
9.	<ul style="list-style-type: none"> • Deputy Commissioner will also inform state HQ about the prevailing situation & 	Deputy Commssioner

	action taken.	
Response at Revenue Circle		
10.	<ul style="list-style-type: none"> On receipt of warning, mobilize the Lot Mondals, Gaon Burha, SDRF and other agencies & resources available under Circle Officer's jurisdiction. 	Circle Officers of the concerned Rev. Circle
11.	<ul style="list-style-type: none"> Go to the immediate location immediately & inform the villagers on the probability of any flood event and ask them to take necessary precautionary measures. 	Lot Mondal & Gaon Burha
12.	<ul style="list-style-type: none"> In case of probability of high intensity flood, evacuation of people from vulnerable areas to pre identified safe locations & preposition of quick response team/SDRF/NDRF/Police force 	Circle Officers of the concerned Rev. Circle
13.	<ul style="list-style-type: none"> Keep DC informed on hourly basis about the situation on the ground level and may request for additional resources of man material & machines if required from DC. 	Circle Officers of the concerned Rev. Circle
14.	Inform- <ul style="list-style-type: none"> Concerned BDOs, so that BDOs can inform PRI representatives for appropriate action. Ward councillors and ward members for appropriate action. 	Circle Officers of the concerned Rev. Circle
15.	Open relief camps, if required and give requisition for GR to DC	Revenue Circle Officer
16.	Arrangement for distribution of relief	Revenue Circle Officer

5.1 Area wise detailment order of ADMs/EMs and officials of concerned department;

DDMA has issued detailment order of ADMs/EMs for attending

1. all duties connected with flash flood, landslides and
2. the task of clearing, maintaining and improving the natural water channels in different areas of Guwahati City.

Sl No	Areas to be Covered	Name of the officials	Contact No.
1.	Anil Nagar, Nabin Nagar, Lachit Nagar, Tarun Nagar, Rajgarh, Pub Sarania and its adjoining areas including water channels and hillocks	1. Sri Rajib Prakash Baruah, ACS, ADM	9435014676
		2. Sri Chinmoy Nath, ACS, CO, Dispur	9435034677
		3. Sri Lakhinandan Saharia, ACS, CO, Guwahati	9954813484
		4. Sri B. Choudhury, DE, GMC	9435013643
		5. Sri S. Ahmed, AE, PWD (Rd), City Division – III	94351-04472
		6. Sri Dibakar Barman, AEE, WR (M) Division.	9864031306
		7. Sri Diganta Das, JE, WR (M) Division.	9854388843
		8. Sri Nanidhar Dutta, South Bank Soil Conservation	9864094208
		9. Sri Dilip Singh, EE, APDCL	9954192041
		10. Sri Nirmal Nath, JE, PHE, Division – II	9864078291
		11. Sri Utpal Barman, Fr-1, Forest Deptt. East	9435344110
		12. Sri Prabhat Kurmi, AEE, GMDA	9085095597
2.	Rehabari-Manipuri Basti, Rupnagar, Ulubari, Sarapbhati, Chatribari-Bilpar-Chabipul, Paltan Bazar, AT Road, Athgaon and its adjoining areas including water channels and hillocks.	1. Sri L. Saharia ACS, CO, Guwahati Circle.	9954813484
		2. Sri Oswin Nampui, CO(A), Guwahati Circle.	7399725440
		3. Sri Dibakar Barman, AEE, WR(M) Div.	9864031306
		4. Sri Manjit Bujarbaruah, EE, GMC	9864094122
		5. Sri Hitesh Sarma Medhi, AEE, GMDA	9435116228
		6. Sri Homeswar Das, AE, PWD (Rd), City Division – III	9864013677
		7. Smti Simashree Bora, South Bank Soil Conservation.	9435151423
		8. Sri Chandradhar Das, SDE, APDCL	9954192006
		9. Sri Manoranjan Das, JE, PHE, Division-II	9085295103
		10. Sri Biman Laskar, Fr-1, Forest Dptt.	9864017749

3.	Zoo Road, Zoo-Narengi, Chandmari, Noonmati, Jyotinagar, Nepali Basti and its adjoining areas including water channels, hillocks etc.	1. Sri Bharat Bhusan Dev Choudhury, ACS, ADM 2. Sri Esther Kathar, ACS, EM 3. Smti Sujata Suchibrata, ACS, EM 4. Sri Rup Konwar Gogoi, AEE, GMDA 5. Sri B. Choudhury, EE, GMC 6. Sri Kailash Baishya, JE, PWD (Rd), City Division – III 7. Sri Bhaskar Sarma, AEE, WR (E) Division 8. Sri Jinkur Goiari, JE, WR (M) Division 9. Sri Phanidhar Das, South Bank Soil Conservation 10. Sri Dilip Singh, SDE, APDCL 11. Sri Chandra Kalilta, JE, PHE, Division-II 12. Sri Homen Pegu, Fr-1 Forest Deptt.	9435061886 9435018292 8473878617 9435116229 9435013643 9435196130 9435062926 9435188838 9435151423 9954192041 9864030034 9859926867
4.	Hatigaon, MLA Hostel, Sijubari, Lakhiminagar, Dispur, Kahilipara, Bhetapara, Sarumataria, Hengerabari and its adjoining areas including water channels and hillocks.	1. Sri F. Ahmed, ACS, ADM 2. Smti Debjani Choudhury, ACS, CO(A) Dispur Revenue Circle 3. Sri Chinmoy Prakash Phukan, ACS, EM 4. Sri Ramani Dhar Sarma, AEE, GMDA 5. Sri Akbar Ali, EE, GMC 6. Sri Abhijeet Choudhury, AEE, PWD (Rd), City Div-I 7. Sri Anupam Das, AE, WR (M) Division 8. Sri Mussaraf Ali, South Bank Soil Conservation. 9. Sri Ajay Nath, AGM, APDCL 10. Sri Balen Sarma, JE, PHE, Division – II 11. Sri Khijir Ali Talukdar, Fr-1 Forest Department	9613859680 9435063541 9435189414 9864055830 9707035702 9435287123 9435143263 9435151423 9954192005 9864123346 9864225921

5.	VIP Road, Kalakhetra, Panjabari, Basistha, Bahini Stretch including NH-37 and its adjoining areas including water channels and hillocks.	1. Sri Dipak Choudhury, ACS, ADC	9435013926
		2. Sri Mukul Kathar, ACS, EM	9859991199
		3. Sri Pradip Barman, AEE, GMDA	9435140164
		4. Sri Akbar Ali, EE, GMC	9707035702
		5. Sri S. Hussain, AE, WR(M) Division	9435046611
		6. Sri Sabita Goswami, South Bank Soil Conservation	9706292061
		7. Sri Ajay Kumar Nath, APDCL	9954192005
		8. Sri Biman Baruah, AE, PHE Division – II	9435548797
		9. Sri Balabhadra Kalita, Fr1 Forest Deptt.	9859107206
6.	Kharghuli, Jaypur, Panbazar, Ambari, Lamb Road, Uzan Bazar and its adjoining areas including water channels and hillocks.	1. Smti Sharmistha Borah, ACS, EM	9864053741
		2. Sri Padum P. Borah, AEE, GMDA	9864263356
		3. Sri Gautam Das, EE, GMC	9864030535
		4. Sri Anil Das, AE, WR (M) Division.	7896889638
		5. Smti Ranjumoni Bordoloi, Ranger, South Bank Soil Conservation	9435151423
		6. Sri Gautam Baruah, South Bank Soil Conservation	9577117704
		7. Sri M. Dutta, EE, APDCL	9954192004
		8. Sri Pradip Kalita, JE, PHE, Division – II	9854045835
		9. Sri Tilak Choudhury, Dy. Ranger, Forest Deptt.	9435107716
7.	Maligaon, Kamakhya, Lalganesh, Dhirenpara, Fatasil Ambari, Barshapara, Bhaskar Nagar, ISBT and its adjoining areas including water channels and hillocks	1. Sri M.N. Saikia, ACS, ADM	9435109477
		2. Sri Prasanta Kathkotia, ACS, CO(A) Dispur Revenue Circle	9435056682
		3. Sri Oswin Nampui, ACS, CO(A), Guwahati Revenue Circle	7399725440
		4. Sri Rup Konwar Gogoi, AEE, GMDA	9435116229
		5. Sri Bhaben Sarma, EE, GMC	9435268673
		6. Sri Manoranjan Bharali, EE, GMC	9435046611

		7. Sri Anil Das, AE, WR(M) Division	7896889638
		8. Sri Pinku Mazumdar, AEE, WR(East) Division	9435548198
		9. Sri Gautam Baruah South Bank Soil Conservation	95771177014
		10. Sri R.K. Das EE, APDCL	9954192002
		11. Sri Pradip Kalita, JE, PHE, Division – II	9854045835
		12. Sri Tilak Choudhury, Dy. Ranger. Forest Deptt	9435107716

5.2 STANDARD OPERATIONS PROCEDURE (SOP) FOR RELIEF IN GENERAL FLOOD AND URBAN FLOOD

The following draft standard operating protocol has been prepared by DDMA, Kamrup (M) for relief and management of relief camps in the aftermath of disaster:-

The district level Relief Committee will review the relief measures. When a disaster is apprehended, the entire machineries of the district, including the officers of technical and other departments, swing into action and maintains almost continuous contact with each location in the disaster threatened area.

A. At Reciept of Warning:

1. Call out the Officers and ensure that they remain in head quarters.
2. Prepare a log book for recording chronological sequence of events.
3. Food & Kerosin:
 - 1.1. Check out Availability of food (Rice, Chira, M.Dal,) and kerosin at block head quarters, with storage agents and other inaccessible pockets. BDO's shall contact all Storage Agents. They shall personally visit the godowns and verify the stocks. The Agents shall remain present at the store round the clock. BDO's shall immediately depute one officers to the place whrer the storage godowns are located.
 - 1.2. Supply department and one ADM shall remain incharge of Godowns. Owners of the godowns shall be actively involved.
 - 1.3. Direct the godowns and FCI to remain open on all days, including Sundays and holidays, till situation gets to normal.

- 1.4. Start movement of food stock and kerosin oil from block head quarters to areas that are likely to be cut off.
- 1.5. Start movement of food stock and kerosin oil from district head quarters to block head quarters.
4. Check availability of sand bags. Get sand bags from the nearest location.
5. Health sector: Make a rapid assessment of the following
 - 1.6. Check up the stock of medicines, Bleaching powder, and halogen tablets. If necessary, send immediate requisition.
 - 1.7. Start movement of medicines, bleaching powder, etc to PHC's/CHC's
 - 1.8. Ensure that medical officers are in place at the PHCs and CHCs through police Stations, Circle Officer & Sr. BDOs/BDOs.
6. Vehicles: Requisition 15 small and 15 big vehicles immediately. Further requisition will be made as per need.
7. Empower field officials to requisition vehicles. Send 10 requisition forms to each Circle Officer, BDO and Police Station.
8. Boats: Requisition boats from other districts.
9. Ask Deputy Commissioner of other district, to remain ready for supply of stocks of rice and chira, if required.

B. During Disaster:

Emergency Feeding Service

1. Establish Mobilization center at the different points like railway station, airport and bus station for movement of relief supplies.
2. Inform all suppliers of relief material within 2-3 hours of the occurrence of the disaster to keep ready the required supply.
3. Arranging for transportation of relief supplies
4. Provide assistance in establishing local officers, relief camps, etc. by providing beddings, furniture etc.
5. arrangement of suitable building for the storage of food, clothing and other emergency supplies
6. Arrangement of other safe areas for storage of non- perishable emergency supplies
7. Arrangement of staff to package and distribute emergency supplies
8. Arrangement security with areas where emergency supplies are stored

9. To co-ordinate with NGOs in supplies from arrival to distribution.
10. Arrangement for transportation of emergency supplies to storage at all pre determined points
11. Get in touch with civil society organization. Allot them areas and function. Get them introduced to field functionaries. Ask them to prepare a list of volunteers. Make a quick inventory of their resources. Contact UNICEF, UNDP, OXFEM, Action Aid, CASA and other international agencies. Make a quick assessment of district needs and expectation from different agencies.

5.3 Standard Operating Protocol for Recovery and Rehabilitation in the aftermath of floods

The following draft Standard Operating Protocol has been prepared by DDMA, Kamrup (M) for Recovery and Rehabilitation in the aftermath of flood:-

1. Post Flood damage Assessment:-

- i.** All Circle Officers will carry out damage assessment in their respective areas with the help of Lot Mondols / GaonBurhas and other staffs soon after the flood recedes.
- ii.** Representatives from line departments viz. Agriculture, PWD, PHE, Water Resource, Animal Husbandry, Education, Health, Irrigation, Fishery, Social Welfare will accompany Circle Officer & his staff during damage assessment.
- iii.** All damage assessment reports to be submitted to DDMA on daily basis.

2. Disposal of debris / Carcasses / Death Bodies:-

- i.** DVO/GMC will ensure documentation and proper disposal of carcasses soon after the flood to prevent spread of epidemic and submit report to respective Circle Offices & DDMA, Kamrup (M).
- ii.** Superintendent of Police & Joint Director of Health Services will ensure proper disposal of dead bodies and handing over to the families. Record of the same to be sent to Circle Offices & DDMA.
- iii.** DAO will ensure clearance of debris / DE siltation etc. from the farm land. He will prepare a proposal for the same at an early date and submit to DDMA for sanction of fund etc.

- iv. Circle Officers will direct respective Panchayat for clearance of debris from the affected villages by integrating schemes under MNREGA and other ongoing projects.
- v. GMC will identify dumping area for disposal of debris, garbage, silts etc.

3. Assistance to House damage / School, College / Infrastructure damage:-

- i. Circle Officers will prepare and submit proposal for assistance against house damage under SDRF within 15 days of receding of flood water.
- ii. Inspector of Schools, DEEO will approach respective Circle Offices for assistance under SDRF against the damages caused to the school buildings.
- iii. All line departments will prepare and submit proposal under SDRF for **temporary restoration** against the damage caused to the infrastructure for restoration of normalcy in the district within one month of receding of flood water.
- iv. All departments will integrate their ongoing departmental development projects / schemes where possible for restoration of the damages caused due to flood. All departments will incorporate flood mitigation measures in their developmental plans and schemes under SDRF by involving local community.
- v. DDMA will approach Govt. for any assistance required for recovery & restoration of infrastructure within one month

4. Assistance to farmers, fish farmers, Sericulture, Horticulture, Weavers, Dairy farmers etc.

- i. DAO, Fishery Dev. Officer, Dy. Director of Sericulture, Dy. Director of Handloom & textile, Dist. Dairy Officer will submit proposal for assistants to the farmers & weavers under SDRF as per norms within 15 days of receding of flood for approval by DDMA. They will ensure insurance of the crops & live stokes.
- ii. All departments will integrate their departmental plans to assist the affected farmers and will submit report he same to DDMA for onward submission to Govt.

5. Administrative Relief:

The district level relief committee will review the relief measures. When a disaster is apprehended, the entire machinery of the district, including the officers of technical and other departments, swings into action and maintains almost continuous contact with each village in the disaster threatened area.

6. Reconstruction of Houses/Roads Damaged / Destroyed:

PWD (Roads) and PWD (Buildings) division

1. Pre & Post Disaster:- As PWD (Roads) Division and PWD (Buildings) Division is an executive authority wherein all construction/ improvement works are executed through an agency or contractor, the restoration/ re-construction works during Pre & Post disaster period will be carried out as per existing APWD norms / specification and procedures as current in the state.

2. During Disaster (Emergency Work):-

(A) Execution through other agency/ contractor:

1. EE/AEE/AE/JE will issue order at site to carry out any restoration work to any person/ group capable to execute the work and the same will be intimated to nodal officer of the department and DDMA forthwith.

2. As far as possible, work will be negotiated as per current SOR of APWD/ Local market rate else the same will be allotted at the rate agreed upon at the site itself.

3. Measurement recorded in the field book will be accepted for payment. Payment will be made from the budget allocation of disaster management or any other source mobilized/ arranged by the DDMA.

(B) Departmental execution:

1. Labourers available with the department will be engaged.

2. Casual labours at the local rate will be engaged if necessity arises.

3. Locally available construction materials will be utilised for the work.

4. P.O.L. will be procured from the nearest petrol depot.

5. Measurement for casual labours engaged/ materials procured and utilised will be recorded in the field book.

6. Cash payment for casual labours and materials purchased will be arranged as per the norms.

(C) Other Methods and Norms of Reconstruction:

- Owner Driven Reconstruction
- Public Private Partnership Program (PPPP). Under the PPPP the houses are reconstructed by the NGOs for the beneficiaries
- All the houses should be insured.
- Financial, technical and material assistance provided by the government.
- Incorporation of flood resistant measures in the new constructions / Houses.
- The material assistance provided through material banks at subsidized rates.

7. Assistance from NDRF / SDRF / Paramilitary forces:

If the district administration feels that the situation is beyond its control then immediate assistance could be sought from NDRF / SDRF/ Paramilitary for carrying out the relief and rehabilitation operations including construction works for road clearance, construction of emergency bridges, shelter places, camps, distribution of relief materials etc.

8. Outside Assistance:

Outside assistance may be sought from: Indian Red Cross Society, Local & International NGOs working in the district, Urban Local Bodies, Self Help Groups, Nehru Yuva Kendra, NCC, NSS, Scout Guide whenever it is necessary. Outside assistance will be allowed under the supervision of district administration.

9. Social Rehabilitation:

Social Welfare department will ensure the following in the aftermath of flood within their departmental schemes & services for rehabilitation of the affected people:-

- a) **a) Kishori Shakti Yojana** : Earlier known as National Programme for Adolescent Girl (NPAG), is a scheme for improve the nutritional, health and development

- b) status of adolescent girls, promote awareness of health, hygiene, nutrition and family care, link them to opportunities for learning life skills, going back to schools,
- c) help them gain a better understanding of their Social Environment and take initiatives to become productive members of the society.

d) Supplementary Nutrition Programme: The ICDS Programme aims at enhancing nutritional and health status of children under 6 years of age, pregnant women, Lactating mothers and of late adolescent girls.

e) Immunization: Immunization programme is for immunize all the children to prevent any epidemic disease.

f) Nutrition and Health Education: The main object of this scheme is to form capacity building of women especially in the age group of 15 to 45 years. So that they can look after their own health, nutrition and development needs as well as that of their children and families.

g) Non formal preschool education: Since in India 48% of the population live below the poverty line, 63.83% are illiterate and one fifth of the population is the age group 0-6 yrs hardly needs any emphasis .So that this scheme is specially for the children in the age group of 0-6 yrs for their all round development.

- 2. MukhyaMantriJibanjyotiBimaAsoni:** This asoni covers all residence of Assam of the age group 03-80 years. The eligible person shall be able to claim financial assistance both for medical treatment and in case of injury caused due to accidents as per the prescribe norms under this scheme.
- 3. Mukhya Mantri Mahila Samridhi Yojana:** This scheme is for economically help the women weavers of the state of Assam.
- 4. Implementation of persons with disability:** This Scheme provides special education facilities to the Deaf and Dum children, to the Blind children and also to the mentally retarded children. The Blind schools are run by NGO's such as SreemantaSankar Mission Blind School, Nagaon. This scheme also provide scholarship/stipendfacilities to the physically challenge students.

- 5. Implementation of Juvenile Justice Act:** The Juvenile Justice Act , 2000 is implemented, along with rest of the country, with the objective of prevention, control and reformation of children coming in conflict with law and to take custodial care for protection of children who are neglected.
- 6. Health Care for the Aged:** The objective of the scheme is to take care of the people who have attained above 70 years of age and need care. Financial assistance is provided to aged people to enable them to purchase medicine. For the current year the amount of rupees 600.00 lacs have been provided for constitution of the scheme.
- 7. Sawayamsidha:** The Sawayamsidha is an integrated scheme for Women's empowerment. The programme is based on the formation of women Self help groups (SHG) and enable the SHG's take up schemes and programmes social and economic empowerment of women.
- 8. Welfare Homes:** At this type of homes the destitute women and helpless widows of the age group 18 to 45 years are maintained and trained in useful craft for their ultimate rehabilitation in the society. Minor children of age group 0 to 6 years are also take care at this type of homes. The state home also educates the orphan and destitute children for their rehabilitation in the society.
- 9. Vocational Training:** The aim and objective of this scheme is to empower the women, to make women job eligible and to develop the skill of women through various training programme.
- 10. Documentation:-**
DDMA and all other departments will document their experiences / difficulties faced / case studies / use of new technology during responding to flood and during recovery & reconstruction period and will share with others for improvement of services in future.

6.1 Inventories and Evaluation of Resources Analysis:

Analysis and assessment of the resources and opportunities form the stepping-stone in the preparatory stage. Authentic assessments can make the planner await of their te-nacity and wants, so that they can equip themselves with all the required items and materials well in advance. The resources necessary for disaster preparedness and during and after disasters are listed below:

6.2 Important Telephone Numbers (Kamrup Metropolitan District):

DISTRICT ADMINISTRATION

Dr. M. Angamuthu, IAS, DC & Chairman Kamrup Metropolitan District	03612540149 (Off)2540104(Res.) 9435050119
Sri Rajib Prakash baruah, ACS, ADC, Kamrup Metropolitan District	9435014676
Sri F. Ahmed , ACS, ADC, Kamrup Metropolitan District	9613859680
Shri M.N. Saikia ,ACS, ADC, Kamrup Metropolitan District	9435109477
Shri.Dipak Chaudhury, ACS, ADC, Kamrup Metropolitan District	9435061886
Sri. B.B.Dev.Choudhury, ACS, ADC, Kamrup Metropolitan District	9435013926

6.3 Name and Contact Number of Circle Officer:

Sl. No.	Name of the Circle Officer	Revenue Circle	Contact No
1	Lakhinandan Saharia, ACS, CO	Guwahati Revenue Circle	9954813484
2.	Suswapna Kakoty, ACS,CO (A)	Guwahati Revenue Circle	9864181463
3.	Oswin Nampui, ACS, CO(A)	Guwahati Revenue Circle	7399725440
4.	Chinmoy Nath, ACS, CO	Dispur Revenue Circle	9435162809
5.	Prasanta Kathkatia, ACS, CO (A)	Dispur Revenue	9435056682

		Circle	
6.	Debjani Chaudhury, ACS, CO (A)	Dispur Revenue Circle	9435063541
7.	Kshitish Ch. Pegu	Chandrapur Revenue Circle	9435045729
8.	Pulak Patgiri	Azara Revenue Circle	9435034677
9.	Karabi Karan	Sonapur Revenue Circle	9864042047

6.4 Name of the Block Development Officers:

Sl. No	Name of the BDO	Revenue Block	Contact No.
1	Dulal Ajam Sarkar	Dimoria	9435029311
2	Prabin Dutta	Chandrapur	9435011539
3	Gulam Md. Muktadir	Rani	9954915473

6.5 CIVIL DEFENCE

Name of the Officer	Designation	Contact No.
Smt Sadari Gogoi	Dy. Controller , Civil Defence	0361 2305830, 9435016446

6.6 Fire & Emergency Service Station

Fire & emergency Service Station	Name of the Officer incharge	Contact Nos.
Control Room		101
Guwahati	R.C. Bhakat, Sr.S.O.	2637680/9435513496
Chandmari	Mrinal Das, S.O.	2665000/8822120878
Dispur	Biswajit Baishya, S.O.	2260221/9854488374
North Guwahati	Bipul Saharia, S.O.	2690052/9864410418
Pandu	Himangshu Baruah	22674817/9706482443
Chandrapur	Jogen Deka	2785211/9613362772
Lakhra	Ramesh Kalita	2279907/9508428141

6.7 Health Department:

Name and Designation	Designation	Mobile
Dr. K.C. saikia	Principal, GMCH	9864066062
Dr. Ramen Talukdar	Superintendent, GMCH	9435012435
Dr. Ganesh Saikia	Jt. Director, Health Services	9435181846
Dr. Madhab Rajbongshi	Addl.Jt. Director, MMCH	9864270673

6.8 Proposed Shelter Places in Kamrup(M) District

6.8.1 Shelter places under Dispur Revenue Circle

1	Fatasil Champabati High School Playground
2	Sarusajai Lakhara Chariali Playground
3	Bhagharbari Children Park
4	Basistha Temple Park
5	Dakshin Gaon Playground
6	Satgaon High School Playground VB.
7	No. I Narengi Sports Union Playground
8	E.S.B. High School Playground
9	Hengerabari High School Playground
10	Khanapara Agricultural University Playground
11	Guwahati Medical College Playground
12	.Janasimalu Nanke Playground
13	Barsajai Ghoramara Open Space
14	Dispur Gopal Born H.S. School Playground
15	Japarigog Gaharikata Chowk Playground
16	Betkuchi Public Open Space
17	Fatasil Ganeshpara Playground
18	Jutikuchi Dhapalia Open Space Dhalbama Public Open Space
19	Dakshingaon Iddgah Open Space
20	Hatigaon Iddgah Open Space

6.8.2 Shelter places under Guwahati Revenue Circle

1	Judges' Field
2	Latasil Playground
3	Arya Vidya Pith College Playground
4	Lalsing Academy High School Playground
5	Pub Guwahati Girls' High School Playground
6.	Chandmari Assam Engineering Institute Playground
7	Rajgarh Bihutoli Playground
8	Gandhibasti Girls' High School Playground
9	Pub Sarania Cultural Association's Playground
10	Islampur Iddgah Field
11	ITI Playground
12	Paltanbazar Sports Authority Field
13	Sonar-mm High School Playground
14	Machkhowa Iddgah Field
15	Maligaon Netaji Railway High School Playground
16	Maligaon Loco Colony Bidya Niketan Field

17	Garhpandu Race Camp Bidyamandir High School Playground
18	Maligaon Central School Playground
19	Garigaon Iddgah Field

6.8.2 Shelter places under Chandrapur Revenue Circle

1	Rajabari LP School
2	Panikhaiti LP School
3	Hajobari Club
4	Thakurkuchi LP School
5	Tatimara Namghar
6	Chandrapur LP School
7	Chandrapur Bagicha LP school
8	Niz Gobardhan LP Schhol
9	Govali LP School
10	Hatibagara LP School
11	Bherbheri Pahar
12	Swarna Vidyapith High School
13	Ghoramara ME School
14	Pachim Mayong GP Office

6.8.3 Shelter places under Azara Revenue Circle

1	Azara M.V. School
2	Azara Chandraprava Bora Girls HS
3	Rajdhar Bora HS School
4	Kahikuchi LP School
5	Airport Borjhar Airport LP School
6	Bullarpur DaibaJyotik LP School
7	Jobapatgaon LP School
8	33 No. Chakardeo LP School
9	Mainakhorong Bodo LP School
10	Dharapur MV School
11	Garal Jr. Basic Nimna Bunijadi LP School
12	Bhattapara LP School
13	Agchia Anchalik high School

6.8.4 Shelter places under Sonapur Revenue Circle

1	Maloibari H.School
2	Maloibari Jr. College
3	Durung H. School
4	Sonapur Jr. Basic school
5	Goriamara H. School

6	Sonapur Govt. H. School
7	Samata L.P. School
8	Khetri H. School
9	Digaru Embankment from Sonapur to Kachutoli
10	Digaru Railway Station Premises
11	Dhupguri G.P. School
12	Kalong Embankment from Pujari to Barbila

**6.9. Resource Inventory for Flood – Kamrup (Metro) District
(Equipments: Raised Platforms, Machine and Country Boats, Life
Buoys/Jackets etc.)**

SI. No.	Name of Item	Owner's Name	Address	Quantity	Contact No.	Available location/Rev. Circle & Police Station
Boats (Total 25 boats available in kamrup (M) dist.)						
1	Inflammable Rubber Boats (without Engine)	DDMA.Kamrup (Metro)		5	9854032708	Government Guest house. Kharghuli
2	Inflammable Rubber Boats (without Engine)	DDMA.Kamrup (Metro)	O/o the Deputy Commissioner. Kamrup (metro)	1	9854032709	Government Guest house. Kharghuli
3	Inflammable Rubber Boats (without Engine)	Fire & Emergency Services	Panbazar Fire Station	2	94355-13496/0361-2734191	Panbazar Fire Station
4	FRP Boats	Fire & Emergency Services	Pandu Fire Station	2	0361-2674817/2679976	Pandu Fire Station
5	Vessel	IWT Division, Ulubari	O/o the Executive Engineer, IWT	4	98593-83360	Guwahati-north Guwahati Ferry Service
6	Vessel	IWT Division, Ulubari	O/o the Executive Engineer, IWT	3	96789-94502	Guwahati-Kurua Ferry Service
7	Vessel	IWT Division, Ulubari	O/o the Executive Engineer, IWT	3	99571-65321	Guwahati-Madhyam Khanda
8	Vessel	IWT Division, Ulubari	O/o the Executive Engineer,	3	99548-63670	Guwahati-Rajaduwar

			IWT			
Life Buoy/ Jackets (Total 92 Life Buoy/Jackets in Kamrup (M) dist.)						
9	Life Jacket	DDMA. (Metro)Kamrup	O/o the Deputy Commissioner Kamrup (metro)	18	9854032708	Government Guest house, Kharghuli.
10	Life Jacket	Fire & Emergency Services	Panbazar Fire Station	44	94355- 13496/ 0361- 2734191	Panbazar Fire Station
11	Life buoy	Fire & Emergency Services	Panbazar Fire Station	30	94355- 13496/ 0361- 2734192	Panbazar Fire Station
Others (Total 46 available in Kamrup (M) dist.)						
12	Diesel driven Electric Generator	O/o the Executive Engineer (PHE), Guwahati Div- II	O/o the Executive Engineer (PHE), Guwahati Div- II	4	94350-88788	O/o the Executive Engineer (PHE), Guwahati Div-II
13	Chemicals (Hydrated Lime, Ferric Alum, Bleaching Powder, Chlorine Tablet)	O/o the Executive Engineer (PHE), Guwahati Div- II	O/o the Executive Engineer (PHE), Guwahati Div- II	Multiple	94350-88789	O/o the Executive Engineer (PHE), Guwahati Div-II
14	Diesel Jeep	O/o the Executive Engineer (PHE), Guwahati Div- II	O/o the Executive Engineer (PHE), Guwahati Div- II	3	94350-88790	O/o the Executive Engineer (PHE), Guwahati Div-II
15	Truck Mounted Mobile water treatment plant	O/o the Executive Engineer (PHE), Guwahati Div- II	O/o the Executive Engineer (PHE), Guwahati Div- II	1	94350-88791	O/o the Executive Engineer (PHE), Guwahati Div-II
16	Tanker	M/S D D Construction & Suppliers	O/o the Executive Engineer (PHE), Guwahati Div- II	1	98641-32421	West Jyotinagar, Bamunimaid am

17	Tanker	D J Enterprise	O/o the Executive Engineer (PHE), Guwahati Div-II	2	98640-36821/ 2510347	S S Road, Lakhtokia, Guwahati-1
18	Tanker	Aaypee Associates	O/o the Executive Engineer (PHE), Guwahati Div-II	2	98640-95979/ 98640-95992	44 Nabagiri Road, Chandmari
19	Tanker	M/S. Anu Drinking Water Suppliers	O/o the Executive Engineer (PHE), Guwahati Div-II	2	0361-2461808/ 98641-32421	Barthakur Mill Road, Guwahati-7
20	Tanker	Sri. Pranjit Kr. Dutta	O/o the Executive Engineer (PHE), Guwahati Div-II	1	98640-31332/ 98594-11399	Nabagiri Road, Chandmari
21	Tanker	M/S. Choudury Drinking water	O/o the Executive Engineer (PHE), Guwahati Div-II	1	98640-18981	Kalapahar
22	Tanker	M D Drinking water Supply	O/o the Executive Engineer (PHE), Guwahati Div-II	1	99541-43901	Rehabari, Bilpar
23	Tanker	S P A Traders	O/o the Executive Engineer (PHE), Guwahati Div-II	1	98640-91320	Dispur Lastgate
24	Tanker	Sri. Nirangan Barman	O/o the Executive Engineer (PHE),	1	98641-36460	Noonmati, GRC path

			Guwahati Div-II			
25	Water Pump 400 hp	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-29	4	95350-14563	Bharalumukh Pumping station
26	Water Pump 250 hp	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-30	2	94350-14564	Bharalumukh Pumping station
27	Water Pump 150 hp	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-31	2	94350-14565	Bharalumukh Pumping station
28	Water Pump 52 hp trolley mounted	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-32	5	95353-51311	In reserve
29	Water Pump 45 hp submersible	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-33	2	95353-51311	In reserve
30	Water Pump 25 hp polder pump	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-34	2	95353-51311	In reserve
31	Water Pump 10 hp	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-35	2	95353-51311	In reserve
32	Water Pump 12 hp Diesel self priming	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-36	6	95353-51311	In reserve
33	Water Pump 5 hp	WR Deptt. Guwahati Mech. Div	WR Deptt. Guwahati Mech. Div. Guwahati-37	1	95353-51311	In reserve

6.10 LIST OF POL DEALERS AND ADDRESS

Sl No.	Name of POL dealers	Address
1	M/S Chandmall Sarawgi & Co	Palantanbazar
2	M/S G.S.Enterprises	A.T.Road
3	M/S Thannsingh Nathmall	Ulubari, G.S.Road
4	M/S Baruah Service Station	Ambari, GNB Road
5	M/S Kiron Service Station	Survey, Beltola
6	NRL	Jaya Nagar
7	Raja Rajendra Narayen Dev	Survey, Beltola
8	Raj Service Station	Basistha
9	Deka Filling Station	Rukminigaon
10	ATC	Beltola
11	Shivam Service Station	Beharbari
12	Sanjivani Fuel Point	Beltola
13	Chaganmal Sarowgi & Sons	Dispur
14	Bimol Auto Agency	Maligaon
15	M/S Kishor & company	Adabari
16	M/S NRL Oil Depot	Adabari
17	M/S Saraighat Service Station	Adabari
18	M/S Prabhat Oil Station	Santipur
19	M/S Shew Service Station	Betkuchi
20	M/S Pradip Oil Depot	Dharapur
21	M/S Narayan filling Station	Dharapur (Goral) Near Airpot.
22	M/S Balaji Service Station	Goarchowk, N.H.Road
23	M/S Ramoni Service Station	Azara
24	M/S North East Service	Sundarbari
25	M/S Satya Naryan Service	Gotanagar Tetelia, N.H.Road
26	M/S Sugani Service Station	Pub- Boragaon,N.H.Road
27	M/S Goswami Service Station	Silpukhuri, Guwahati.
28	M/S Lakshmi Service Station	Guwahati Club
29	M/S Shew Prasad & Sons	G.S.Road
30	M/S Bora Service Station	G.S.Road
31	M/S Ulubari Petrol Service Station	G.S.Road
32	M/S Das Service Station	Kalaphar
33	M/S Basumatary Filling Station	Kalaphar
34	M/S Bumming Service Station	Kahilipara
35	M/S Manesh Service Station	Mathgharia
36	M/S Bevan Service Station	Noonmati
37	M/S GRES Ltd.	Noonmati

38	M/S R.K.filling Station	Patharquari, VIP Road
39	M/S VIP Service Station	Megzine, VIP Road
40	M/S Sivam Fillinfg Station	Chachal, VIP Road
41	M/S NRL Energy station	Sundarpur, Zoo Road
42	M/S Naba Service Station	Near State Zoo
43	M/S Ambika Service Station	R.G. Baruah Road
44	M/S Shah Eastern Traders	Near Ganeshguri Fly Over.
45	M/S Nessa Service Station	Bhangagarh, G.S.Road.
46	M/S Sunil Automobiles	Christanbasti, G.S.Road
47	M/S Chandmal Serawgi & Co.	Chandmari.
48	M/S Chandmal Serawgi & Co.	Lokhara charali
49	M/S Chandmal Serawgi & Co.	Sonapur
50	M/S Lakhara Service Station	Betkuchi, N.H. Road
51	M/S Bhabani filling Station	Lokhara (Betkuchi)
52	M/S Energy station	Soukuchi (Lokhara Road)
53	M/S Bharali Service station	Lalganesh (Lokhara Road)
54	M/S Machkhowa Service Station	T.R. Phukan Road, Bhorolumukh
55	M/S Didare Service station	Hatigaon

6.11 List of LPG G Distributors

Sl No.	Name of Distributors
1	M/S Shivam Gas service
2	M/S Jyoti Gas Agency
3	M/S Blue Flame Agencies
4	M/S Dipu Gas
5	M/S Shikha Agency, Bharalumukh
6	M/S Shyama Gas Service
7	M/S Nabajyoti Gas Agency
8	M/S Bloomy Gas Agency
9	M/S Priyam Gas
10	M/S Keshab Gas Agency
11	M/S Deepjyoti Gas Agency
12	M/S Navadeep Gas Service
13	M/S P.S. Gas Agency
14	M/S sankerdev Gas Agency
15	M/S Ganesh Bharat Gas Agency
16	M/S Bhaskar Gas Agency
17	M/S Sandhan Gas service
18	M/S Hangsa Gas Agency
19	M/S City Gas Service

6.12 List of godowns in Guwahati city:

1. FCI Godown with food storage depot at New Guwahati.
2. Assam State Warehousing Corporation have their godowns in different locations in Guwahati
3. Rajucharani GPSS at Dharapur
4. Sonapur GPSS at Sonapur
5. Borkhat Panbari GPSS at Panbari
6. Demoria GPSS at Demoria
7. Rani Bholagaon GPSS at Barihat
8. Guwahati HCCS Ltd. At
 - a. Fatasil ambari
 - b. Tetelia
 - c. Narengi
9. North Guwahati WCCS at North Guwahati

6.13 List of Suppliers of Food Grains/Essential Commodities:

Sl. No.	Name	Address	Contact No.
1	M/S Babulal Ramswarup	MG Road, Fancy Bazar	
2	M/S Shanti Shiewdanmal Gajanand	Fancy Bazar, Guwahati	
3	M/S Dutta Brothers	Chunsali, Guwahati-20	
4	M/S Brahma Putra Roller Flour Mill	Noonmati, Guwahati	
5	M/S Ganesh Roller Flour Mill	Bamunimaidan, Guwahati	
6	M/S Riddhi Roller Flour Mill	G.S. Road, Chriastianbasti, Guwahati	
7	M/S Brijhora Roller Flour Mill		
8	M/S Deepak Roller Flour Mill	G.S. Road, Chriastianbasti, Guwahati	
9	M/S Guwahati Roller Flour Mill	G.S. Road, Chriastianbasti, Guwahati	
10	M/S Maa Kamakhya Industries	Lal Ganesh, Guwahati	

6.14 Gratuitous Relief Items (Food Stuff):(as per Assam relief manual)

Sl No.	Particulars	Scale or GR	Remark										
1	Supply of Food Stuff	<p>1. (a) Rice 400 grams per head per day for adult.</p> <p>(b) Rice 200 grams per head per day for minor upto 12 years.</p> <p>2. Pulses 100 grams per head per day.</p> <p>3. Salt 20 grams per head per day.</p> <p>4. Mustard oil 30 ml per head per day</p>											
2.	Assistance for loss of clothing & Utensils (Per family)	<p>1. Clothing Rs 1,300.00</p> <p>2. Utensils/ household goods- Rs 1,400.00</p>	Families whose houses have been washed away/fully damaged/severely inundated for more than a week and who have suffered loss of clothing/utensils/household goods are only entitled.										
3.	Supply of fodder for livestock	<table border="1"> <tr> <td>1. Buffelo</td> <td>5 Kg</td> </tr> <tr> <td>2. Cow</td> <td>4 Kg</td> </tr> <tr> <td>3. Sheep</td> <td>1 Kg</td> </tr> <tr> <td>4. Goat</td> <td>1 Kg</td> </tr> <tr> <td>5. Horse</td> <td>5 Kg</td> </tr> </table>	1. Buffelo	5 Kg	2. Cow	4 Kg	3. Sheep	1 Kg	4. Goat	1 Kg	5. Horse	5 Kg	
1. Buffelo	5 Kg												
2. Cow	4 Kg												
3. Sheep	1 Kg												
4. Goat	1 Kg												
5. Horse	5 Kg												
4.	Provision of fodder/feed concentrate in cattle camps per day	<table border="1"> <tr> <td>Large Animals</td> <td>Rs 50.00</td> </tr> <tr> <td>Small Animals</td> <td>Rs. 25.00</td> </tr> </table>	Large Animals	Rs 50.00	Small Animals	Rs. 25.00							
Large Animals	Rs 50.00												
Small Animals	Rs. 25.00												

ANNEXURE – I

FLOOD HISTORY

General Flood in Kamrup (M)

Kamrup (M) District suffers from both general flood and urban flood every year. The general flood occurs in areas under Sonapur, Chandrapur and azara Circle. This kind of flood basically occurs due to the geographical setting of the region, high intensity rainfall, easily erodible geographical formations, earthquake Zone, massive deforestation, great amount of land used, and explosive population growth.

Monsoons rains from June to Septembers feeds the Brahmaputra along with their tributaries with excessive water. The cyclonic Depressions in the Bay of Bengal too are responsible for devastating floods. Besides the natural calamities, harmful human activities like deforestation, accelerated rated of land use, filling up low lying areas of for the construction of buildings and reckless urban developments are also responsible for floods in the district. High rate of population growth in the form of high birth rate and immigration from border countries has led to unscientific encroachment.

The villages which arehighly prone to flood are as follows:

SI No.	Name of the Villages	Sl. No.	Name of the village
1	Agsia	28	Kurkuria Gaon
2	Ajuri Gaon No.3	29	Lumsum N.C.
3	Amara Pathar	30	Majir Gaon
4	Aujuri Gaon No.2	31	Maloibari Janghal
5	Azara	32	Maloibari Pathar
6	Bagibari Pathar	33	Maloibari Gaon
7	Barjhar	34	Mikirpara Chakorda
8	Borbilabil	35	Mirzapur
9	Borchapari	36	Mitni N.C.
12	Chamata Pathar	37	Murkata Gaon
11	Dakhin	38	Niz-dimoria
12	Jalukbari (GMC)	39	Niz-panbari gaon
13	Digarupar N.C.	40	Panikhaiti Gaon
14	Dimoria Gaon	41	Pub Maloibari
15	Durung Gaon	42	Rajabarighat
16	Garal	43	Rewa N.C.
17	Gomoria Pathar	44	Salona Gaon
18	Hahara Pathar	45	Senabar Gaon
19	Hajobari Gaon	46	Sukhurabari gaon
20	Helagog	47	Tamahalong Gaon
21	Juhai Gaon	48	Tetelia Pathar
22	Kahikuchi Gaon	49	Teteliaguri gaon

23	Kasutali Pathar	50	Teteliaguri N.C.
24	Kenduban Gaon	51	Tetelia (GMC)
25	Kendukuchi	52	Ullani Gaon
26	Kharghuli N.C.	53	Ullisam Gaon
27	Kharghuli No.2	54	Uttar Dimoria

Urban flood in Guwahati Kamrup Metropolitan District

The city of Guwahati experiences recurrent flood inundation and severe water logging in the occurrence of storm events and particularly during the rainy season, it has become a public grievance. Rapid urbanization with increased housing and construction activities in the city leading to increased buildings, streets and other impervious hard surfaces, and more importantly the absorption of inland wetland pockets and clogging of drainage systems has led to indiscriminate flooding. This has resulted in decreasing land capacity to soak up and carry excess water. Moreover the unplanned expansion of the city to accumulate increasing population has led to severe encroachment in the wetlands, low lying areas, hills and shrinkage of forest cover (Thakur and Goswami, 1993). These denuded hills and loss of wetlands thus lead to artificial floods and water logging. Immediately after every down pour the city drains gets silted up with silts coming with storm water running down the hills flooding the streets. The wetlands also cannot accumulate the excess storm water of the city.

Six nos. of natural channels namely Bharalu, Bahini, Mora Bharalu, Basistha and Pamohi river passes through Guwahati. Guwahati also has three nos. of water bodies namely Sorusala, Borsola, Silsaku and Deepor Beel. During monsoon overtopping of these natural channels and water bodies cause water logging and inundation of the many areas in and around Guwahati city. Moreover, storm water coming from Meghalaya during monsoon is also one of the reasons for water logging of the Guwahati city.

The areas which are mostly affected due to urban flood are:

Sl. No	Name of the Revenue Circle	Areas affected.
1.	Guwahati Revenue Circle	Lachit Nagar, Noonmati, , Chandmari, Bamunimaidan, Pub Sarania Lane No.1-4, Rajgarh Byelane No 1 to 7, Zoo Road, Gandhi basti,
2.	Dispur Revenue Circle	Dispur Revenue Circle: Anil Nagar, Nabin Nagar, Tarun Nagar, Hatigaon, Sijubari, Lakhimi Nagar, beltola, NH37, Fatasil Ambari, Barshapara, Odalbakra, Bhaskar nagar, Dhirenpara, Bathoupuri, Katahbari, patharquary, Narengi, Jyotikuchi, Dhapolia, Betkuchi

ANNEXURE-2

Important Contact Information

Sl.	Name of the Officer	Designation	Office	Mobile
1.	Dr. M. Angamuthu, IAS	DC	2540149	9435050119
2.	Jyotirmay Chakrabarty,IPS	Commissioner of Police		8811019933
3.	N.M.A.S.F. Haque,IPS	Jt. Commissioner of Police, Guwahati		9435085252
4.	P.J. Goswami,APS	Deputy Commissioner, traffic		9435025425
5.	Narayan Konwor,IAS	Commissioner, GMC		9435561111
6.	Anurag Singh, IFS	CEO, GMDA	2529824	9954099930
7.	Sri Anant Giyani,IAS	Jt. Commisssioner,GMC		9435002981
8	Sri S. Laxmanan, IAS	Jt. Commisssioner,GMC		9435137819
9	M.M.I.M. Bora	Chief Engineer, GMC		9435031675
10	D.Rajbongshi	Addl. Commissioner,GMC		9435400780
11	Rajib Prakash Baruah	ADC		9435014676
12	Fakhuruddin Ahmed	ADC	2514187	9613859680
13	B.B. Dev Choudhury	ADC	2540179	9435061886
14	Dipak Choudhury	ADC	2547134	9435013926
15	Mukta Nath Saikia	ADC		9435109477
16	Girisha P.S.	SDO(S)		9613539401
17	Chinmoy Phookan	EO & SO to DC	2732839	9435189414
18	Mukul Kathar	EAC		
19	Sujata Suchibrata	EAC		8473878617
20	Esther Kather	EAC		9435018292
21	Sharmistha Bora	EAC		9864053741
22	Lakhinandan Saharia	CO, Guwahati		9954813484
23	Suswapna Kakoty	CO(A), Guwahati		9864181463
24	Oswin Nampui	CO(A), Guwahati		7399725440
25	Chinmoy Nath	CO, Dispur		9435034677
26	Prasanta Kahkotia	CO(A),Dispur		9435056682
27	Debjani Chaudhury	CO(A), Dispur		9435063541
28	Kshitish Ch. Pegu	CO, Chandrapur		9435045729
29	Karabi Karan Saikia	CO, Sonapur		9864042047
30	Pulak Patgiri	CO, Azara		9435162809
31	Alok kr. Singh	Commandant, NDRF, Patgaon		9435545951
32	H. Bhattacharyaa	Dy. Director, F&ES		9435022604
33	R.C.Bhakat	Sr. Station Officer, F&ES		9435513496
34	Smti Sadori Gogoi	Dy Controller, Civil		9435016446

	baruah	Defence		
35	Dulal Ajam Sarkar	BDO, Dimoria		9435029311
36	Prabin Dutta	BDO, Chandrapur	2785020	9435011539
37	Gulam Md. Muktadir	BDO, Rani		9954915473
38	Deba Prashad Goswami	DD, FCS & CA		9435341258
39	Kaustav Talukdar	P.O. , DDMA		9854032708
40	Bikash Thakuria	Supdt. of FCS & CA		9435072930
41	G. Saikia	Jt. Director, Health Services		9435181846
42	Hiralal Hazarika	DVO, AH & Vety. Dept		9435186264
43	D. Pathak	Superintending Engineer, PWD (R)		9954708587
44	Jayanta Goswami	Chief Engineer, Chief Engineer Water Resources Department		9435047863
45	Khagen Deka	Executive engineer, East water resource department		9435403784
46	D. Roy	Executive engineer, Water Resource (Mech.) Department		9435402200
47	D. Hazarika	Executive Engineer, PWD (R) City Div-I		9453081159
48	F.Rahman	Executive Engineer, PWD (R) City Div-II		9435089586
49	B. talukdar	Executive Engineer, PWD (R) City Div-III		9435109712
50	B. saikia	Executive Engineer, PWD (R) Guwahati Roads Div.		9435101016
51	H. Bhattacharya	Executive Engineer, PWD (R) N.Ghy Sate roads div		9864010416
52.	Kamal Sut	Chief Engineer, PHE	2261505	9435035265
53.	Pranjit Das	Supdt. Engineer, PHE		9435027875
55.	Gautam Paul	Executive Engineer, PHE, Ghy Div-I		9706070639 9435070639
56.	Kumud Deka	Executive Engineer, PHE, Ghy Div-II		9864064020
57	P.R Goswami	General manager, APDCL		9954192001
58.	Monoj Kr. Mahanta	Deputy General Manager, APDCL Elc.	2523916	9954192001

		Div.I		
59	Kishori Baruah.	District Social Welfare Officer		9435103196
60	Dharani Baruah	Principal CTI		9613498576
61	Dharmeswar Saud	Nazir		9613397088
62	Ranjit Kr. Doley	Director, Soil Conservation		9859913774 9435144008
63	Jiten Malakar	Joint Director, Soil Conservation		9435015629
64	Balin Neog	Dist Soil Conservation Officer		9859984123
65	Smt Kishori Baruah	District Social Welfare Officer		9435103196
66	Pranati Bora	DEEO, Kamrup(M)		9435067179
67	Kamal Jyoti Gogoi	Inspector of Schools		9435051788
68	Shri Gautam Das	District Transport Officer (R & L)	2431376	9435040706
69	Shri Kamal Das	Secretary, RTA (DTO)		9435115694
70	Shri Munin Das	District Transport Officer (Enforcement)		9435106121
71	Victor Carpenter	Director, IWT	2526421	9435483279
72	Tilak Mahanta	Executive Engineer, IWT		9435404474
73	Baldev Singh	Sr. Divisional Manager, NF Railway	2570395	9957553202
74	Surendra Kumar	Divisional Engineer NF Railway		9957553209
75.	Deepak Sharma	Asstt. Divn. Engineer NF Railway		9957553215
76.	Nandita Konwor	PD, DRDA	2660195	9854041411
77.	Raj Chakrabarty	PD, NHAI	2233207	9435143507
78	Arun Roy R. Baruah	Director, IWAI PA to Director	2676925	9435015029 9435146536
79	Chandan Bora	DFO (EAST)		9401667001
80	Rajib Das	DFO, Social Forestry		9435104036
81	D.D. Gogoi, IFS	DFO, Wild life		9435146463
82	Shri Nilamani Sarma	Executive Eng. (Agri)		94350 12481