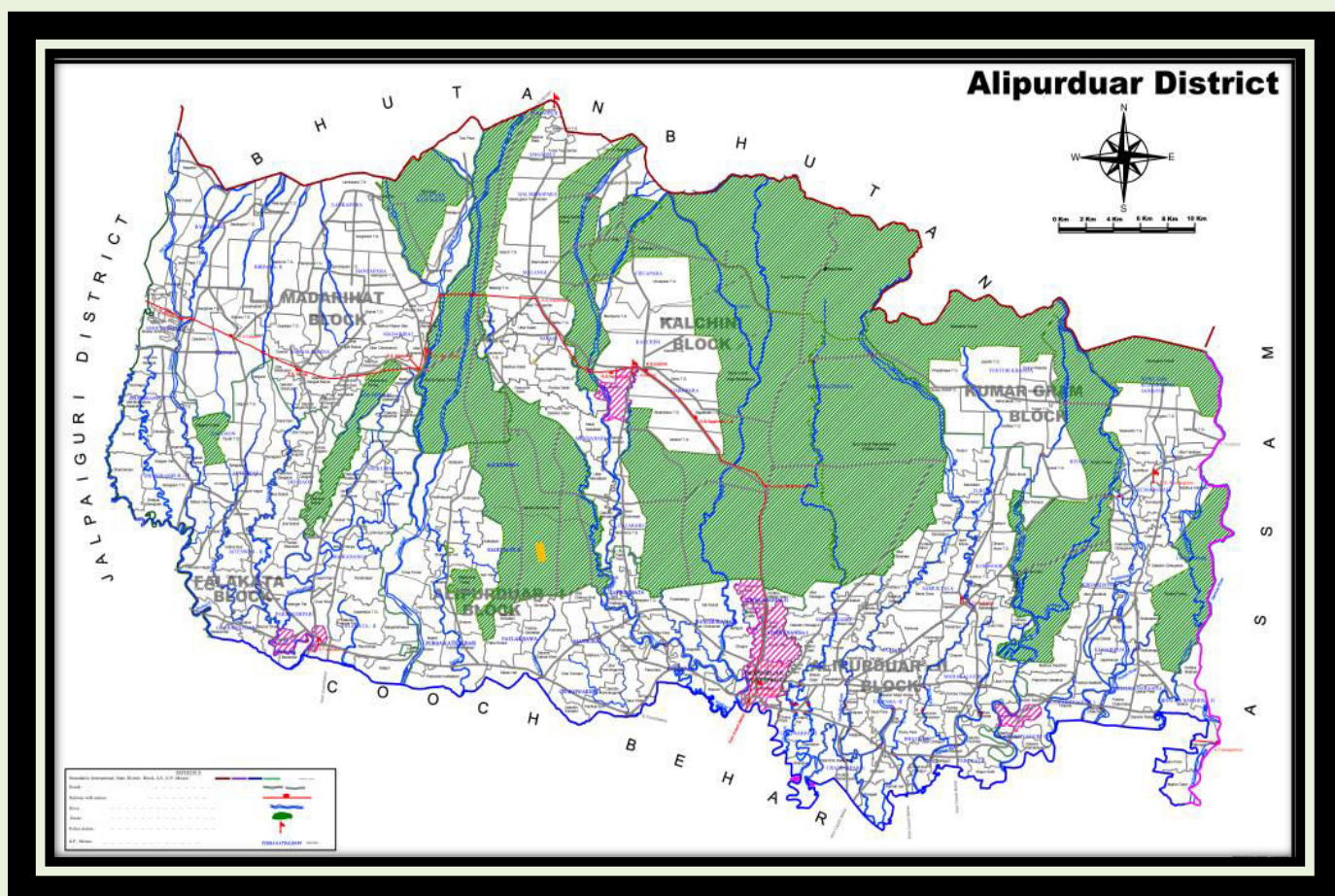




Disaster Management Plan 2018

District-Alipurduar



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FOREWORD

Alipurduar district is the 20th district of the state of West Bengal and was made a separate district on 25th June 2014. The district is diverse in terrain as well as ethnicity. Places like Buxa Tiger Reserve , Jaldapara National Park , Jayanti Hills , Buxa Fort have always drawn the attention of tourists from different corner to this beautiful place. The district has also many rivers like Torsha, Holong , Mujnai , Rydak , Kaljani , Sankosh to name a few . The presence of many rivers makes the district a possible victim of floods during the monsoons every year .The year 1993 is notable as it was in this year that the district was ravaged by severe floods. Recently, in the last year also the district experienced a severe flash flood due to abnormal rainfall. According to the severity and intensity, last year's flood is second to '93 flood. The presence of rivers coming from the foothills of Bhutan also pose a great threat in the form of flash floods. The unpredictability of flash floods makes them a dangerous adversary.

“Prevention is better than cure.” This proverb is none better suited than in the area of Disaster Management litigation. In order to manage any disaster it is prudent to be ready beforehand. Co-ordination and co-operation between the different departments of the Government in this regard is an absolute necessity. The Disaster Management Plan has been formulated with the intention of providing immediate and speedy remedial measures in the event of any calamity in the district of Alipurduar. This plan is a compilation of the flood management plans of the various Blocks and departments of Alipurduar district and provides information on the mode of action of the concerned Block or Department in the event of a natural calamity.

I am confident that the preparatory measures taken by these blocks and departments will serve the people of Alipurduar well in their time of need.



Sri Devi Prasad Karanam, IAS
District Magistrate
Alipurduar

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Abbreviation

AERB: Atomic Energy Regulatory Board
AHD: Animal Husbandry Department
ASSOCHAM: Associated Chambers of Commerce and Industry of India
ATI: Administrative Training Institute
AWS: Automatic Weather Station
BAI: Builders Association of India
BBB: Build Back Better
BIS: Bureau of Indian Standards
BMTPC: Building Materials and Technology Promotion Council
CADA: Coastal Area Development Authority
CAPF: Central Armed Police Forces
CAZRI: Central Arid Zone Research Institute
CBO: Community Based Organisation
CBRI: Central Building Research Institute, Roorkee
CBRN: Chemical, Biological, Radiological and Nuclear
CCG: Central Crisis Group
CCS: Cabinet Committee on Security
CDMM: Centre for Disaster Mitigation and Management, Vellore
FCB: Central Flood Control Board
CFI: Construction Federation of India
CGWB: Central Ground Water Board
CIDC: Construction Industry Development Council
CII: Confederation of Indian Industry
CMG: Crisis Management Group
CoR: Commissioner of Relief
CPCB: Central Pollution Control Board
CRIDA: Central Research Institute for Dryland Agriculture
CRPF: Central Reserved Police Force
CRRI: Central Road Research Institute
CRZ: Coastal Regulation Zone
CSIR: Council of Scientific and Industrial Research
CSS: Centrally Sponsored Schemes
CWC: Central Water Commission
CWDS: Cyclone Warning Dissemination System
CZMA: Coastal Zone Management Authority
DAE: Department of Atomic Energy
DCG: District Crisis Group
DDMA: District Disaster Management Authority
DeitY: Department of Electronics and Information Technology
DEOC: District Emergency Operation Center
DGM: Directorates of Geology and Mining
DM: Disaster Management
DMC: Drought Monitoring Cell
DMP: Disaster Management Plan
DoACFW: Department of Agriculture, Cooperation and Farmers Welfare
DoAHDF: Department of Animal Husbandry, Dairying, and Fisheries
DoPT: Department of Personnel and Training
DoS: Department of Space
DoT: Department of Telecommunications
DRD: Department of Rural Development
DRDO: Defence Research and Development Organization
DRR: Disaster Risk Reduction
DSJE: Department of Social Justice and Empowerment
DSS: Decision Support System

DST: Department of Science and Technology
DWR: Doppler Weather Radar
EHRA: Earthquake Hazard and Risk Assessment
EIA: Environment Impact Assessment
EOC: Emergency Operations Centre
ERC: Emergency Response Centers
EREC: Earthquake Risk Evaluation Centre
ESF: Emergency Support Functionaries
EWS: Early Warning System
FC: Finance Commission
FCI: Food Corporation of India
FES: Fire and Emergency Services
FICCI: Federation of Indian Chambers of Commerce and Industry
GAR: Global Assessment Report
GDP: Gross Domestic Product
GIS: Geographical Information System
GoI: Government of India
GSI: Geological Survey of India
GST: Goods and Service Tax
HAZCHEM: Hazardous Chemicals
HF: High Frequency
HFL: Highest Flood Level
HLC: High Level Committee
HRVA: Hazard Risk and Vulnerability Assessment
IAEA: International Atomic Energy Agency
IAF: Indian Air Force
IAP: Incident Action Plan
ICAR: Indian Council of Agricultural Research
ICG: Indian Coast Guard
ICT: Information Communication Technology
IDMC: India Drought Management Centre
IDRN: Indian Disaster Resource Network
IDS: Integrated Defence Staff
IE(I): Institution of Engineers (India)
IEC: Information Education Communication
IERMON: Indian Environmental Radiation Monitoring Network
IIA: Indian Institute of Architects
IIE: Indian Institute of Entrepreneurship
IIRS: Indian Institute of Remote Sensing
IIT: Indian Institute of Technology
IITM: Indian Institute of Tropical Meteorology
IMA: Indian Medical Association
IMD: India Meteorological Department
INCOIS: Indian National Centre for Ocean Information Services
IND: Improvised Nuclear Device
INES: International Nuclear Event Scale
INSARAG: International Search and Rescue Advisory Group
IPS: Indian Police Service
IRC: Indian Roads Congress
IRDA: Insurance Regulatory and Development Authority
IRS: Incident Response System
IRT: Incident Response Team
ISDR: International Strategy for Disaster Reduction
ISRO: Indian Space Research Organization
ITI: Industrial Training Institute
IWAI: Inland Waterways Authority of India
IWRM: Integrated Water Resources Management
LBSNAA: Lal Bahadur Shastri National Academy of Administration

M&E: Monitoring and Evaluation
MAH: Major Accident Hazard
MAI: Moisture Adequacy Index
MANAGE: National Institute of Agricultural Extension Management
MCI: Medical Council of India
MEA: Ministry of External Affairs
MHA: Ministry of Home Affairs
MoAFW: Ministry of Agriculture and Farmers Welfare
MoCA: Ministry of Civil Aviation
MoCAFPD: Ministry of Consumer Affairs, Food and Public Distribution
MoCF: Ministry of Chemicals and Fertilizers
MoCI: Ministry of Commerce and Industry
MoCIT: Ministry of Communications and Information Technology
MoD: Ministry of Defence
MoDWS: Ministry of Drinking Water and Sanitation
MoEFCC: Ministry of Environment, Forests and Climate Change
MoES: Ministry of Earth Sciences
MoF: Ministry of Finance
MoFPI: Ministry of Food Processing Industries
MoHFW: Ministry of Health and Family Welfare
MoHIPE: Ministry of Heavy Industries and Public Enterprises
MoHRD: Ministry of Human Resource Development
MoHUPA: Ministry of Housing and Urban Poverty Alleviation
MoIB: Ministry of Information and Broadcasting
MoLE: Ministry of Labour and Employment
MoM: Ministry of Mines
MoMSME: Ministry of Micro Small and Medium Enterprises
MoNRE: Ministry of New and Renewable Energy
MoP: Ministry of Power
MoPA: Ministry of Parliamentary Affairs
MoPNG: Ministry of Petroleum and Natural Gas
MoPR: Ministry of Panchayati Raj
MoR: Ministry of Railways
MoRD: Ministry of Rural Development
MoRTH: Ministry of Road Transport and Highways
MoSDE: Ministry of Skill Development and Entrepreneurship
MoSJE: Ministry of Social Justice and Empowerment
MoST: Ministry of Science and Technology
MoU: Memorandum of Understanding
MoUD: Ministry of Urban Development
MoWCD: Ministry of Women and Child Development
MoWR: Ministry of Water Resources
MoYAS: Ministry of Youth Affairs and Sports
MP: Madhya Pradesh
MPCS: Multi-Purpose Cyclone Center
MSIHC: Manufacture Storage and Import of Hazardous Chemicals
NABARD: National Bank for Agriculture and Rural Development
NAC: National Academy of Construction
NATMO: National Atlas and Thematic Mapping Organization
NBCC: National Buildings Construction Corporation
NCC: National Cadet Corps
NCERT : National Council of Educational Research and Training
NCFC: National Crop Forecasting Centre
NCMC: National Crisis Management Committee
NCMRWF: National Centre of Medium Range Weather Forecasting
NCT: National Capital Territory
NDMA: National Disaster Management Authority
NDMF: National Disaster Mitigation Fund

NDMP: National Disaster Management Plan
NDRF: National Disaster Response Force
NDVI: Normalized Differential Vegetation Index
NEC: National Executive Committee
NECN: National Emergency Communication Network
NEOC: National Emergency Operations Center
NER: North East Region
NGOs: Non-Governmental Organizations
NHAI: National Highways Authority of India
NHWIS: National Hazardous Waste Information System
NIC: National Informatics Centre
NICMAR: National Institute of Construction Management and Research
NIDM: National Institute of Disaster Management
NIO: North Indian Ocean
NIRD: National Institute of Rural Development
NISA: National Institute of Security Academy
NITTTR: National Institute of Technical Teachers' Training and Research
NPDM: National Policy on Disaster Management
NRAA: National Rain fed Area Authority
NRE: Nuclear and Radiological Event
NREMP: National Radiation Emergency Management Plan
NRSC: National Remote Sensing Centre
NSDA: National Skill Development Agency
NSDC: National Skill Development Corporation
NSS: National Service Scheme
NWDA: National Water Development Agency
NYKS: Nehru Yuvak Kendra Sangathan
O&M: Operation and Maintenance
PRD: Panchayati Raj Department
PRIs: Panchayati Raj Institutions
PWD: Public Works Department
R&D: Research and Development
RBI: Reserve Bank of India
RDD: Radiological Dispersal Device
RDSO: Research Designs and Standards Organization
RO: Reverse Osmosis
RTSMN: Real Time Seismic Monitoring Network
SAC: Space Applications Centre
SASE: Snow and Avalanche Study Establishment
SAU: State Agricultural University
SAVI: Soil Adjusted Vegetation Index
SBSE: State Board of Secondary Education
SDMA: State Disaster Management Authority
SDMC: State Drought Monitoring Cell
SDMF: State Disaster Mitigation Fund
SDRF: State Disaster Response Force
SDRN: State Disaster Resource Network
SEC: State Executive Committee
SEOC: State Emergency Operation Center
SERC: Structural Engineering Research Centre
SFAC: Standing Fire Advisory Council
SHG: Self Help Group
SIDM: State Institute of Disaster Management
SIRD: State Institute of Rural Development
SLBC: State Level Bankers' Committee
SOG: Standard Operating Guidelines
Sol: Survey of India
SOP: Standard Operating Procedure

SPCB: State Pollution Control Board
SRSAC: State Remote Sensing Application Centre
SRSC: State Remote Sensing Centers
SWAN: State Wide Area Network
ToT: Training of Trainers
UDD: Urban Development Department
UFDM: Urban Flood Disaster Management
ULB: Urban Local Bodies
UN: United Nations
UNDP: United Nations Development Program
UNISDR: United Nations International Strategy for Disaster Reduction
USDDM: Urban Storm Drainage Design Manual
UT: Union Territory
VHF: Very High Frequency
WRD: Water Resources Department

An overview of Disaster Management

Matter	Description
Hazard	Any potential threat
Disaster	any potential threat due to natural or manmade event that bring negative impact into our society
Natural disasters	Earth Quake, flood, tsunami, cyclone, forest fire, land slide, lightning, river erosion, island inundation, changing of river course network, heat wave, cold wave, climate change.
Manmade disasters	Communal riot, child trafficking, sexual harassment, deforestation, illegal construction, gender bias, environmental pollution, nuclear and chemical disaster.
Disaster Management	Concept adopted by the govt. to handle any kind of adverse situation with an approach of minimizing the loss and destruction.
Activities	Pre disaster Preparation of disaster management Plan, Community awareness, HRVA analysis, early warning dissemination, mock drill, relief material distribution, resource mobilization in advance.
	During disaster Activate Incident Response Team (IRT) depending upon the nature and gravity of the situation, Sending daily situation report, CA-II report, Deployment of response team at the place of occurrence promptly, opening of relief camp and gruel kitchen, distribution of relief materials among distressed people, saving lives etc.
	Post disaster Removal of carcass, loss and damage assessment of property in terms of money, clearance of road blocked by any obstacle, bring back the situation into normalcy, reimbursement of money or relief materials under various scheme among the beneficiaries etc.
Magna Carta for rules and regulations	DM Act 2005
DM plan	SDMP (state) DDMP (District) BDMP (Block) Village level plan (village)
Ministry	MHA
Governing body who oversee actions	NDMA (Central) SDMA (State) DDMA (District) SDDMA (Sub Division) BDMA (Block)
Line of Action	Standard Operating Procedure (SOP) Incidence Response System (IRS)
Govt. Official	Principal Secretary & relief commissioner , Director (State) O/C- DMS, DDMO (District) SDDMO (Sub division) BDMO (Block)
Search and rescue team	NDRF (central) SDRF (state) QRT, Crisis Management Group, CD volunteers, SSB, BSF (District)
Stakeholders and line departments	Irrigation, PWD (Roads and construction), PHE, Health, Police, Agriculture, Food and supply, Forest, Fisheries, Animal Resource Department, Various NGOs and CBOs.

Various nodal ministries for different kind of disasters	Biological	Min. of Health and Family Welfare (MoHFW)
	Chemical and Industrial	Min. of Environment, Forest sand Climate Change (MoEFCC)
	Civil Aviation Accidents -	Min. of Civil Aviation (MoCA)
	Cyclone/Tornado -	Min. of Earth Sciences (MoES)
	Tsunami	Min. of Earth Sciences (MoES)
	Drought/Hailstorm/Cold Wave and Frost/Pest Attack -	Min. of Agriculture and Farmers Welfare (MoAFW)
	Earthquake -	Min. of Earth Sciences (MoES)
	Flood -	Min. of Water Resources (MoWR)
	Landslides -	Min. of Mines (MoM)
	Avalanche -	Min. of Defence (MoD)
	Nuclear and Radiological Emergencies -	Dept. of Atomic Energy (DAE)
	Rail Accidents	Min. of Railways (MoR)
	Road Accidents	Min. of Road Transport and Highways (MoRTH)
	Urban Floods -	Min. of Urban Development (MoUD)
Different mode of trainings and awareness	Mock drill Awareness camp (stall and leaflet distribution at public places) Seminar and workshop Brainstorming session ToT Celebrating NDDR and UNISDR by road rally Talk show	
Possible area covered in our training	Basic concept of disaster management Do's and Don'ts Climate change adaptation Various risk reduction approach and mitigation measures Application of science and technology Post disaster damage analysis Refresher course	
Target group for capacity building	PRI and CD volunteers School teachers, Students (primary, secondary and college) Engineers (Nirman sahayak) Different community people (Masons, Tribal peoples, Fisheries, Forest villagers)	
Training centre	NIDM (Central) ATI (State) RTI (District)	
Various financial schemes	Monitory scheme	Exgratia grant Economic Rehabilitation grant House Building grant Gratuitous Relief (kind/cash or both)
	Construction scheme	Relief Godown Flood shelter Cyclone shelter

SYNOPSIS

Natural hazard may occur at any time without notice. If we will not prepare, then it will turn into a disaster. It is needless to say that disaster can bring damage to property, loss of life and disrupt societal development. Disaster Management Plan is a roadmap to tackle this kind of negative consequences due to natural hazard with existing resources and minimum effort. It is a readymade guidebook for steering the response team in a proper way. With that intension in mind, our District Disaster Management Plan has been prepared and made ready before the commencement of monsoon. The entire plan consists of several chapters.

In **Chapter 1**, basic concepts have been depicted along with our departmental activity, background and objective of the plan. Apart from this, the line departments associated with our activity and their role during any emergency has been written clearly.

In **Chapter 2**, the overview of our district is written. Topography, Soil structure, rainfall pattern, temperature profile, details of each flood prone rivers, vulnerable places situated besides the river bank and major tea garden are the few things which have been discussed in this chapter.

In **Chapter 3**, vulnerability analysis has been carried out in brief for the entire district. Vulnerable places in terms of district specific disaster has been identified which is of much help during preparedness measures before any catastrophe. Reader can get an overview from this chapter about the vulnerability of Alipurduar District.

In **Chapter 4**, details of mock drill and training have been written elaborately. Necessity of capacity building, different target groups and district training calendar is described here.

In **Chapter 5**, our sectional structure is written. Reader will get an idea regarding Emergency Operation Centre, Incident Response Team, Inter Agency Group and DDMA. All emergency phone number has also been mentioned in this chapter.

In **Chapter 6**, preparedness strategy has been written elaborately at block and municipality level. Number of hospitals, flood shelters, relief godown, details of task force, block disaster management committee etc has been mentioned here.

In **Chapter 7**, financial structures and grants are described. All the criteria and procedure of obtaining these grants is written along with the documents required for scrutiny. Beside this, the details of grants provided to the beneficiaries in the last financial year (2017-18) have been written.

In **Chapter 8**, associations with our departmental activities and responsibilities of various line departments like irrigation, police, forest, food and supply, PHE, Health, PWD, fire and emergency, etc. and their respective contingency plan has been described.

In **Chapter 9**, Standard Operating Procedure and workflow for tackling any catastrophe has been described here. The details of confronting recent flood are written also.

In **Chapter 10**, details of relief and rescue measure as a part of disaster management activities has been described here. The details of confronting recent flood are written also.

In **Chapter 11**, post disaster loss and damage analysis has been mentioned.

Chapter 1

INTRODUCTION

Plan is a detail roadmap to achieve a particular goal. In general it shows the way how to cope up with a problem and provide a readymade solution to get out of it. A plan is prepared based on the past and present scenario for the future after a thorough and careful analysis. The District Disaster Management Plan (DDMP) is of no exception as well. It is a comprehensive study with a special emphasis on district specific disaster, its impact to the society, rescue operation and relief technique. The prime target is to focus on the issues like types of hazard, identifying the vulnerable zones, pre disaster awareness, preparedness during disaster and build back better from a serious condition. Before delve into details we should familiar with the terms like hazard, disaster, vulnerability and risk which play a pivotal role and are the cornerstone of this entire plan.

Hazard is any kind of event in a geographical area which can pose threat to people, society, economic assets, livelihood, behavioural pattern of flora/fauna etc. which may turn into a disaster. This may be manmade or natural occurrences.

Disaster is defined as a serious disruption of the functioning of a society, causing widespread human, material or environmental losses which exceed the ability of the affected society to cope using its own resources. Disaster is a consequence of a hazard in largely populated area where chances of getting damage are very high because a hazard like tsunami has no meaning in an uninhabited island.

Vulnerability is the extent to which a community, structure, service and geographic area is likely to be damaged or disrupted by the impact of a particular hazard, on account of their nature, construction and proximity to hazardous terrain or a disaster prone area. It is a type of societal disability. For example a low-lying area is always vulnerable to flood or coastal area is always vulnerable to cyclone etc.

Risk is a measure of expected losses in terms of death, injuries, assets or economic activities due to a potential hazard occurring in a given area over a specific period of time. Risk analysis involves determining the probability of the occurrence of an event and the level of vulnerability of the people that may be affected by the event. Disaster is the realisation of a risk. For example, there is always a risk of injuries of a bike rider riding without helmet.

The basic rule of thumb is Disaster = Hazard * Vulnerability. We cannot stop natural hazards but a systematic approach will definitely help us to save lives, protect our property from damage and a speedy recovery. And hence the concept of a detailed plan has emerged.

The present plan is prepared on the basis of information supplied by the Blocks and various line departments of the district. It is a dynamic approach and need to be updated periodically.

DISASTER MANAGEMENT ACTIVITY

Before the existence of the concept of Disaster Management, the entire aforesaid activity was called as relief work and was running under the aegis of Ministry of Agriculture in the name of Relief Department. But three serious and devastating occurrences like Orissa super cyclone in 1999, Gujrat Earthquake in 2001 and Bay of Bengal Tsunami in 2004, opened the eyes of our Govt. authorities and they realized the fact that mere relief activity is not enough to embrace the challenge of a disaster of having high intensity and thought of a separate department to look after all the issues. Then the department of disaster management was created under the ministry of Home Affairs and a committee was set up immediately after the decision was taken to frame the guidelines into a single entity called DM act 2005, a landmark document. That is how the concept of Disaster Management came into picture. Then the wheel of fortune of this particular department started rotating and paradigm shift took place from a relief centric approach to a holistic one. Recently Disaster Management and civil defense has been intermingled as both sections have some common goal/interests towards the society.

This particular department is responsible to cater all the disaster risk reduction activities in a systematic manner. Though this section is primarily involved in the tasks like rescuing and providing safe environment to the indigent people as well as looking after their need in the temporary shelter, distributing necessary emergency kits etc., activities like preparation of disaster management plan, conducting safety drill and community awareness is also spearheaded by this section under the stewardship of the officers. In accordance with the activities, disaster management synergy has been classified into three components like pre-disaster, during disaster and post disaster. There are some predefined functionaries and responsibilities at each of these stages mentioned below.

Phase	Activities
Before Disaster	Preparation of DM Plan, Community awareness, early warning dissemination, mock drill, relief material distribution, resource mobilization in advance, hands on training regarding various safety tools etc.
During Disaster	Activate Incident Response Team (IRT) depending upon the gravity and impact of any disaster, Sending daily situation report, CA-II report, Deployment of response team at the place of occurrence promptly, opening of relief camp, distribution of relief materials among distressed people, saving lives etc.
After Disaster	Removal of carcass, loss and damage assessment of property in terms of money, clearance of road blocked by any obstacle, bring back the situation in normalcy, reimbursement of money or relief materials under various scheme among the beneficiaries etc.

BACKGROUND OF THE PLAN

As per the section 31 of the Disaster Management Act, 2005 (DM Act), the mandatory provisions of DM plan are

- There has to be a specific plan for every district of a state.
- The district plan shall be prepared by District Disaster Management Authority (DDMA), after discussing with local bodies, municipalities, and block. On completion of the plan, it is duly approved by the state authority.
- In addition to this, the DDMP has to be reviewed and updated annually as per the section 31(4) of the act.
- The copies of the District Plan referred to in sub-sections shall be made available to the Departments of the Government in the district.
- The District Authority shall send a copy of the District Plan to the State Authority which shall forward it to the State Government.
- The District Authority shall, review from time to time, the implementation of the Plan and issue such instructions to different departments of the Government in the district as it may deem necessary for the implementation thereof.

The present plan has been designed keeping all the rules and regulations of DM Act 2005 in mind. A bottom up approach has been followed at the time of preparation of this plan. Each block has collected information from various Gram Panchayet (GP) and transferred the same to the district level. Finally DDMA has piled up the information collectively in the present format. Apart from this, we have taken some useful information from various line departments like Development and Planning (DPL), Agriculture, Health, PWD, Irrigation, Civil Defence, Touzi and Food Supply.

OBJECTIVE OF THE STUDY

A District Disaster Management Plan is a prototype of the current situation of a district regarding the scope/strength and an elaboration of how the entire system will response based on the potential it possess.

As per the section 31 of the Disaster Management Act, 2005 (DM Act), a district plan should include the following:

- The vulnerable places in the district which are under serious threat by different forms of disasters.

- The measures to be taken, for prevention and mitigation of disaster, by the Departments of the Government at the district level and local authorities in the district.
- The capacity-building and preparedness required by the Departments of the Government at the district level and the local authorities in the district to face any threatening emergency situation.
- The response plans and procedures, in the event of a disaster, providing for-
 - i) Allocation of responsibilities to the Departments of the Government at the district level and local authorities.
 - ii) Prompt response to disaster and relief.
 - iii) Procurement of essential resources,
 - iv) Establishment of communication links and
 - v) The dissemination of information to the public.

In a nutshell, DDMP covers the entire procedure ranging from pre-disaster awareness to post-disaster relief as a whole. It also helps us to find out the solution during emergency period.

DIFFERENT STAKEHOLDERS AND THEIR RESPONSIBILITIES

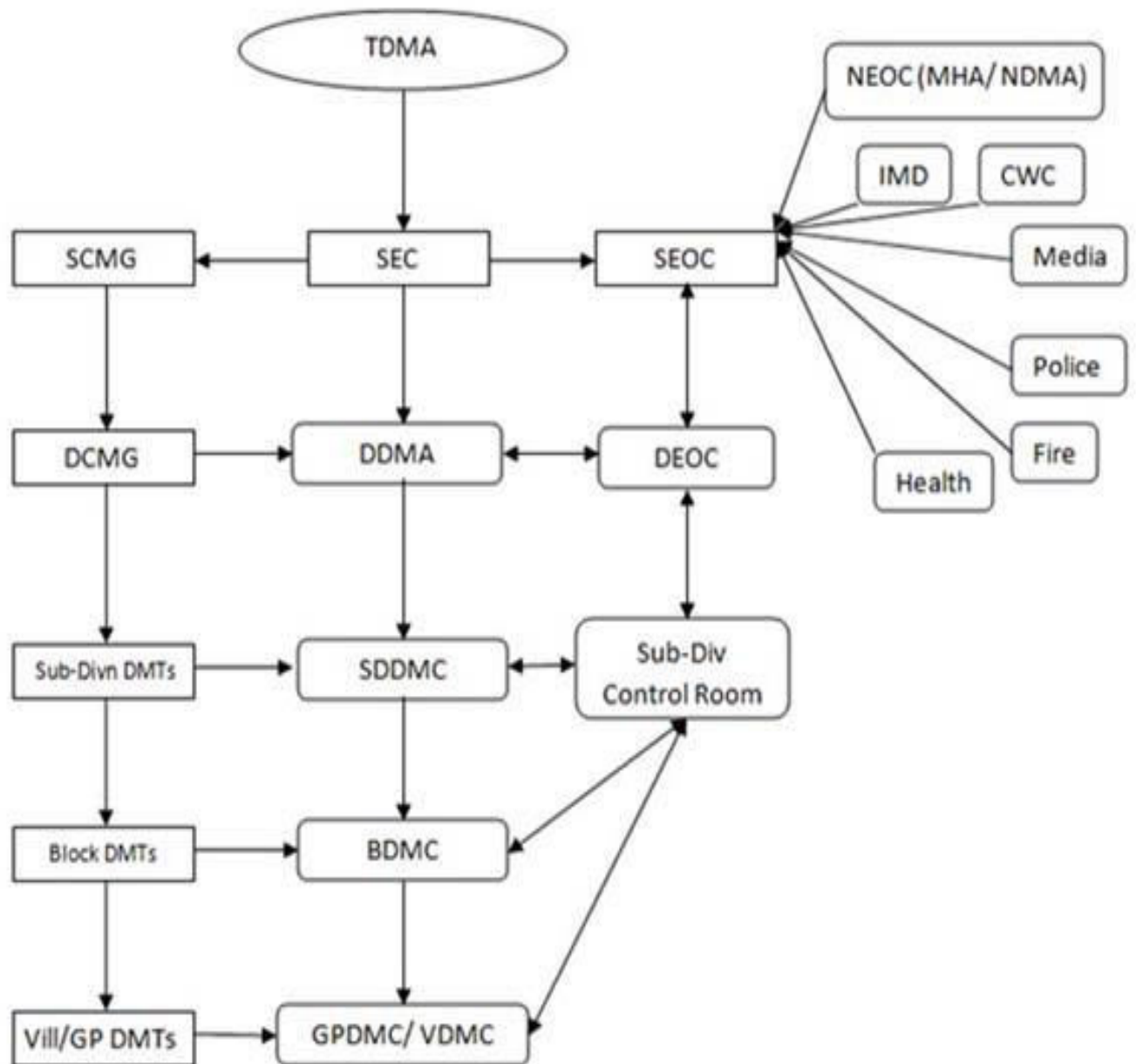
Department/Organization	Function
Police Department	<ul style="list-style-type: none"> • Maintaining law and order during and after disaster. • Providing security arrangements for VIP persons visiting to assess the post disaster damage. • Lending co-operation for evacuation of people from vulnerable areas. • Provide correct information regarding loss and damage as a consequence of a disaster.

Electricity Department	<ul style="list-style-type: none"> • Restore the supply of power to the affected area at the earliest. • Immediate inspection of the places where high tension wires, transformers and power grid system lies. • Uninterrupted power supply to some important places like collector's office, district court, municipality office, police station and hospitals/nursing homes during emergency. • Making arrangements for additional support to the relief camp for extended period.
Health Department	<ul style="list-style-type: none"> • Ability to undertake on spot emergency health service for the distressed people. • Keep additional bed in hospitals and round the clock medical facilities. • Strengthen blood bank and keep ready the mobile medical van before any occurrence.
Public Works Department	<ul style="list-style-type: none"> • Responsible for restoring damaged building and civil construction. • Inspect the tall buildings and hospitals periodically before and during the disaster. • Construct public information centre for community awareness.

Irrigation Department	<ul style="list-style-type: none"> • Keep watch on dam and water discharge rate during heavy rainfall. • Provide extensive protection to the irrigation infrastructure and restore the damaged embankments. • Identify flood prone rivers and start to implement flood monitoring mechanism before the onset of monsoon. • Repairing of culvert, bridges and pump at the time of need. • In case of possibilities of flooding in the downstream, the settlements should be informed well in advance and necessary warnings for evacuation should be given to the adjoining districts and to those districts beyond the state borders.
Agriculture Department	<ul style="list-style-type: none"> • Restore the district specific agricultural product and monitoring soil health. • Assure protection of crop during extreme condition. • Carry out the surveillance for pests and diseases.
Civil Defence Department	<ul style="list-style-type: none"> • Taking prime responsibility for rescue and relief during and after disaster. • Ability to save life from dreadful situation. • Monitoring stock of materials periodically.

Development and Planning Department	<ul style="list-style-type: none"> • The overall responsibility of planning department is to make budgetary provision under planned budget for disaster management. • The planning department should encourage the other department to make disaster management under their regular activities.
Housing Department	<ul style="list-style-type: none"> • The overall responsibility is to build disaster resistant habitat. Hazards like earthquake, landslide etc. Should be taken into account. • The construction of houses in landslide and flood prone area should be avoided.
School Education Department	<ul style="list-style-type: none"> • Practice the culture of preparedness among students and make school a safer place. • Various activities like road show, poster presentation, quiz competition etc. should be carried out for awareness.
Higher Education Department	<ul style="list-style-type: none"> • Encourage research in the field of disaster management in college and university level. • A special mandatory course on disaster management should be initiated.

DISASTER MANAGEMENT HIERARCHY FRAMEWORK

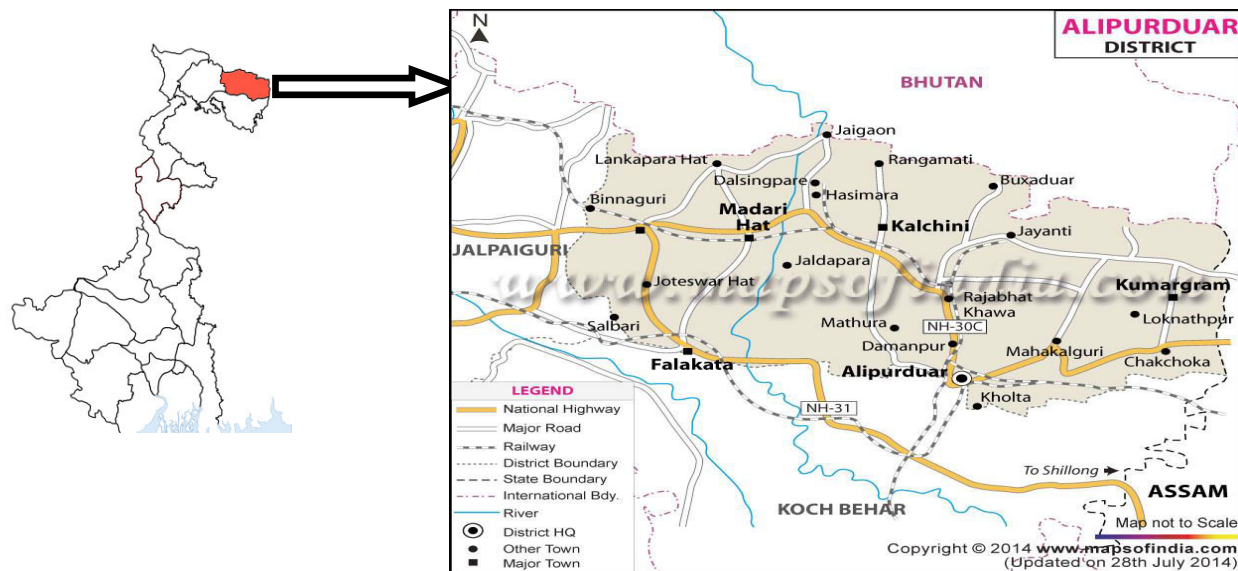


Chapter 2

ALIPURDUAR DISTRICT AT A GLANCE

Alipurduar has been carved out from Jalpaiguri on 25th June, 2014 and declared as the 20th district in the state of West Bengal, India. It consists of Alipurduar municipality, one sadar subdivision and six community development blocks viz Madarihat–Birpara, Alipurduar–I, Alipurduar–II, Falakata, Kalchini and Kumargram. There are 66 gram panchayats and nine census towns in six blocks. The district has its headquarters at Alipurduar. It comprises mainly of a rural population. More than 80 per cent of its total population belong to SC/ST community. It is the hometown of various ethnic tribes like Rajbanshi, Rabha, Metch, Lepcha, Dukpa, Santhals, Madasia, Bodo and Toto & Oraons.

Geographically Alipurduar is a land locked district bordered by Jalpaiguri in the west, Assam in the east and Coochbihar in the south. In the north the district shares an international border line with Bhutan and hence the northern part is an important corridor in terms of international trade and commerce. The topography of the land is cut across by various landscapic features like rivers, streams, jhoras, hills and lion part of this district is covered by tea gardens and forests. Major rivers that runs across the district are the Torsa, Raidak, Jayanti, Kaljani, and Sankosh.



<i>Geography</i>	
Total area	3136 Sq Km.
Coverage (Latitude and Longitude)	89 ⁰ E-89.9 ⁰ E , 26.4 ⁰ N-26.83 ⁰ N
Average elevation	93 m (305 ft)
Forest cover	65% of total area
Major rivers	Torsa, Kaljani, Raidak, Jayanti and Sankosh (From west to east).
Soil type	Coarse loamy type
<i>Demography(2011 census)</i>	
Total population	15,01,983
Total male population	7,70,905
Total female population	7,31,078
Sex Ratio	948/1000
Population Density	539/Sq. Km.
Percentage of literate person (total)	64.7%
Percentage of male literate population	36.23%
Percentage of female literate person	28.47%
<i>Agriculture</i>	
Major product	Tea, Timber
Number of tea garden	65
<i>Administrative structure</i>	

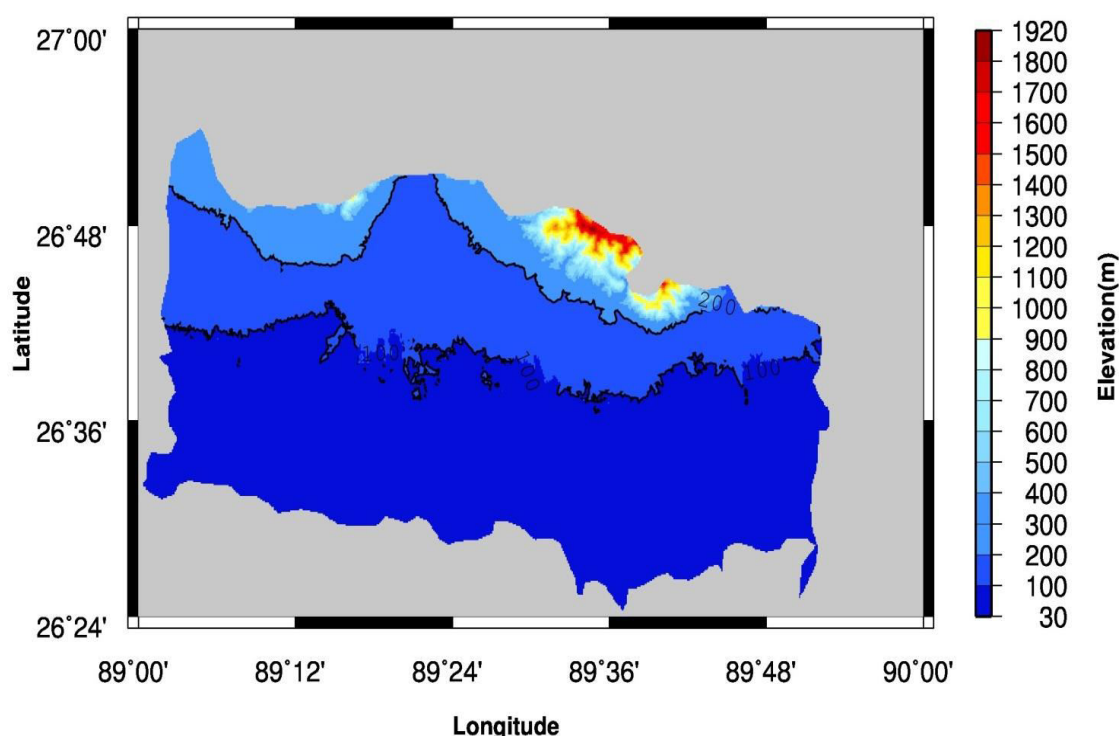
Sub-division	1 (Alipurduar)
Municipality	1 (Alipurduar)
Block	6(Madarihat, Falakata, Kalchini, Alipurduar-I, Alipurduar-II, Kumargram)
Panchayet Samiti	6 Nos.
Gram Panchayet	66 Nos.
Total number of police station	8
Total number of police outpost	3
<i>Climatology</i>	
Rainfall (cumulative)	3160mm (Average annual rainfall)
Temperature	10 ⁰ to 32 ⁰ C
Relative humidity	82%
<i>Socio-economic</i>	
Language	Official- Bengali, English Regional- Bengali, Hindi, Bodo, Nepali
Tribe	Boro, Mech, Toto, Santhal.
Livelihood	Collecting tea leaf and forest product, wood industry, Agriculture.
Important establishment	[1] Buxa Tiger reserve [2] Jaldapara Wildlife Sanctuary [3] Divisional Head Quarter of North- East Frontier Railway

PAST DISASTER (Last twenty six years)

<i>Year</i>	<i>Flood</i>	<i>Earthquake and Landslide</i>	<i>Storm</i>	<i>Remark</i>
1991	Yes	No	No	Villages were affected, crops were damaged, cattle were died.
1993	Yes	No	No	Remarkable flood occurred due to heavy and continuous rainfall, roads disconnected, Torsa, Raidak flooded vast area, cattle ,crop , house etc. were severely damaged, this occurrence left a deep mark to the local people who still remember the aftermath and trauma.
1994	No	No	Yes	Some people lost their houses and some villages were damaged.
1995	Yes	No	No	Villages were affected, crops were damaged, house besides the river bank were destroyed.
1996	Yes	No	No	Heavy rain occurred for nearly seven consecutive days and the floodplain was inundated, people died, farmland affected, houses were damaged.
1998	Yes	No	No	Villages were affected, crops were damaged, cattle were died.
1999	Yes	No	No	Because of heavy rainfall in the last week of August, Torsa, Sankosh and Kaljani rives were flooded, people died, farmland affected
2001	Yes	No	No	Flash flood occurred due to heavy rainfall, embankment collapsed, crops were damaged, cattle were lost.
2002	Yes	No	No	Several blocks, farmland were damaged due to heavy rainfall and resultant flooding.
2004	Yes	No	Yes	Crops damaged, cattle died and peoples were affected due to flood and pre-monsoonal calamities.
2005	Yes	No	No	Villages were affected, crops were damaged, houses were collapsed due to very heavy rainfall and flood.
2006	Yes	No	No	Villages were affected, crops were damaged, cattle were died.
2007	Yes	Yes (Landslide)	No	Uphill area of Dooars were flooded, houses were destroyed by mudslide.
2010	Yes	No	No	Peoples, houses and crops were affected due to flood.
2011	Yes	Yes (Earthquake)	No	Peoples, houses and crops were affected due to flood and earthquake.
2012	Yes	No	No	Peoples, houses and crops were affected due to flood.
2013	Yes	No	No	Peoples, houses and crops were affected due to flood.

2014	Yes	No	No	Peoples, houses and crops were affected due to flood.
2015	Yes	Yes (Earthquake)	No	Peoples, houses and crops were affected due to earthquake and flood.
2016	Yes	No	No	Peoples, houses and crops were affected due to flood.
2017	Yes	No	Yes	Massive flood occurred due to incessant rainfall. While the death toll was not high, damage to properties like fish pond, road, culvert, bridge etc. were huge.

TOPOGRAPHY OF THE DISTRICT



From the figure it is clear that the district have shown a wide variety of topography including hills, foothills and flood plain. The value of elevation ranges from 30 meter to 1920 meter approximately (*data courtesy SRTM (90 m resolution)*). The 100 m and 200 m contour lines have been overlaid in the plot to distinguish different topographic features. The entire district can be broadly classified into four categories according to the nature of ruggedness of the topography viz low-lying, flood plain, foothills and hills.

Low-lying area whose elevation ranges from 30-100 meter, occupy the lion part of this district and get maximum damage during rainy season. Water logging situation is a very common phenomena in this area. Important establishments like DM office, district hospital, college, municipality office, Zilla Parishad, railway stations, DRM office, NBSTC bus stands settlements are situated in this region which doubles the risk of flood.

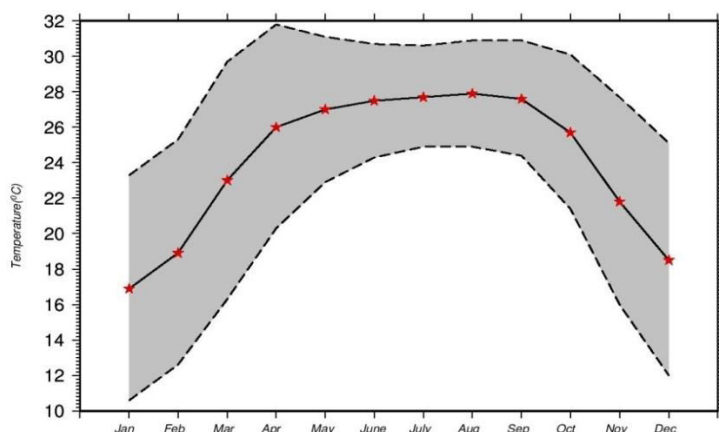
Elevation of **flood plain** varies from 100-200 meter and comparatively less vulnerable to flood than the previous one because most of the region is covered by forest, national park and tea garden except a few portions which itself is a forestry habitat.

Foot hill is the most undulated area with elevation ranging from 300-1300 meter. Though there is not enough settlement over here, this place is mostly vulnerable to landslide and earthquake. All the rivers in this region are very narrow and flow of water is high enough to carry anything like cattle, tree, house etc. Most of the river changes its course frequently in this region (Torsa is a burning example).

Next comes to **hilly region** which ranges from 1300-1900 meter as far as elevation is concerned. There is hardly any settlement here and all the rivers are entering into the city through this area. The highest peak of dooars namely Chota Sinchula along with Jayanti hills and Lepchakha are situated in this location.

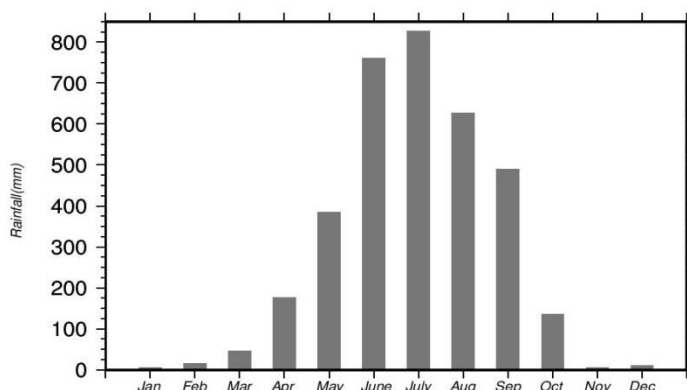
CLIMATE OF THE DISTRICT

Temperature



The monthly climatology of temperature of the entire district varies from 10⁰ to 30⁰ celcius (*data courtesy SKYMET*) though the average temperature is ranging from 16⁰ to 27⁰ celcius. The gray shade denotes the contrast of temperature for each month. The shade is widen during the winter and summer whereas it shrinks during rainy season (June, July, August, September) which is the indication of arrival of monsoon.

Rainfall

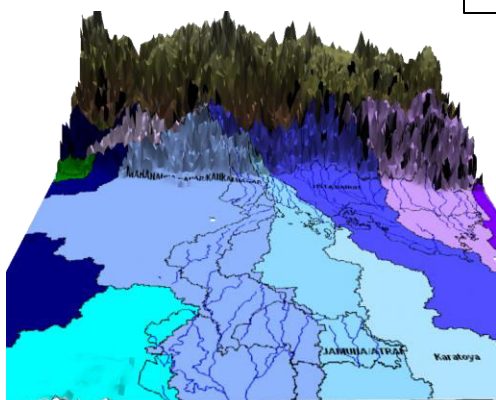


The monthly climatology of rainfall of the entire district has been plotted here. Figure shows that heavy rainfall occurs mainly during June, July, August and September during monsoon season and the district receives nearly 2600 mm cumulative rainfall. In this time period, all the rivers become turbulent and dangerous, even consecutive rainfall turn into massive flash flood.

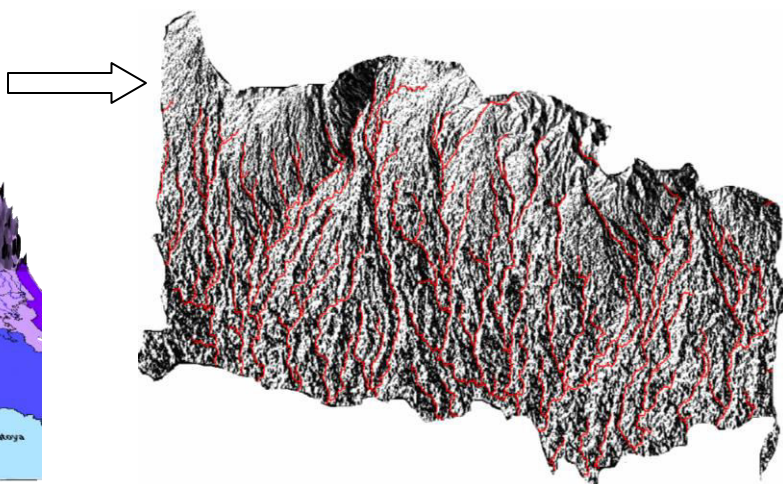
RIVERS OF THE DISTRICT

The major rivers of the district are Torsa, Kaljani, Jayanti, Raidak-I, Raidak-II and Sankosh. Apart from these, there are various minor rivers, streams and tributaries which run across the district which has been shown below as drainage map. All these small streams are non-perennial and exist only in the rainy season when they become rogue and turbulent enough to overtop its banks. Due to the lack of proper information like streamline and channel geometry of those small tributaries, we will concentrate only on these four major rivers. **The catchment area and streamline structure has been derived by the help of an open source GIS tool (GRASS GIS).** The basin area is calculated only in the district and hence the end of the basin or streamline should not be interpreted as the end of the entire river.

<i>Block</i>	<i>Rivers</i>
Madarihat	Mujnai, Titi, Kalapani.
Falakata	Saraswati, Mujnai, Dudua, Birkiti, Barabak.
Kalchini	Kaljani, Raidak, Nonai, Gadadhar, Cheko, Haribhanga.
Alipurduar-I	Siltorsa, Chartorsa, Buritorsa, Dima, Kaljani.
Alipurduar-II	Kaljani, Chapro, Garghoria, Dima.
Kumargram	Kaljani, Sankosh, Raidak, Jayanti, Chengmari.



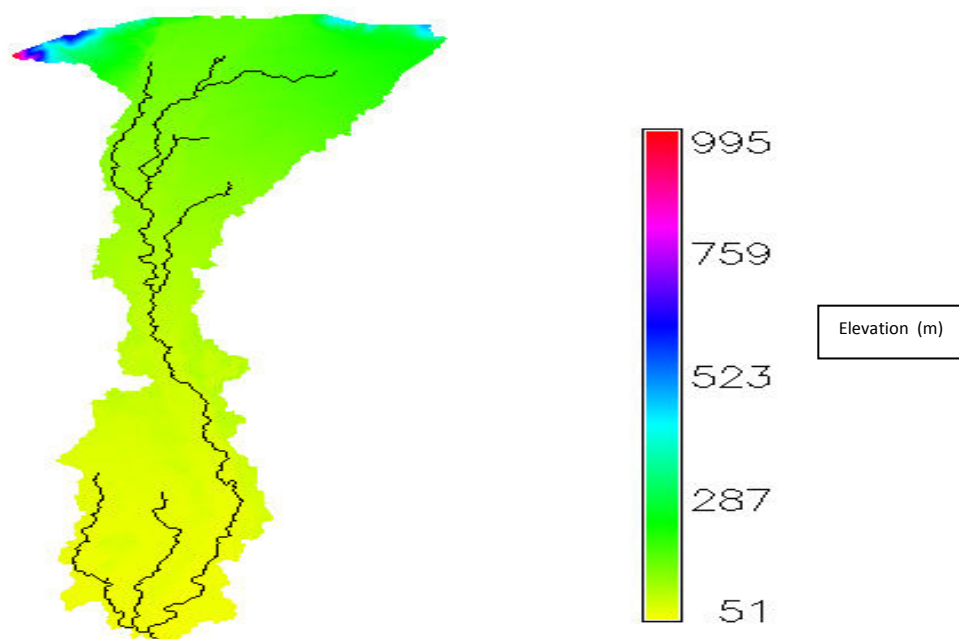
Fluvial landscape of N.Bengal (courtesy Prof J.Sankrityayan)



Drainage map of Alipurduar District

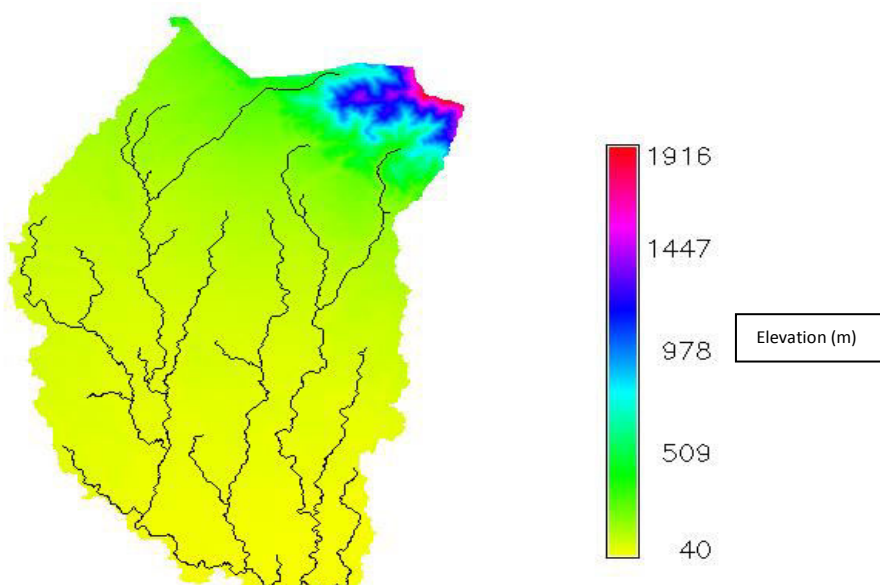
Torsa

River Torsa originates from Tibet, northern part of Bhutan and enter into the district through Phuntsholing, a city of Bhutan. The middle course of this river flows through Alipurduar District and finally merges with river Bhrmahputra in Bangladesh via Coochbihar. The total length of the river from origin is 122 km with a catchment area of about 4530 sq. km. In Alipurduar, the basin area is 252.6 sq. km. and the catchment is too narrow to accumulate other tributaries which reveals that it is almost a single flow channel. Between Alipurduar-I and Falakata block, this particular river has changed its course a number of times in the recent past which leaves a mark as a Buritorsa, Moratorsa, Chortorsa etc.



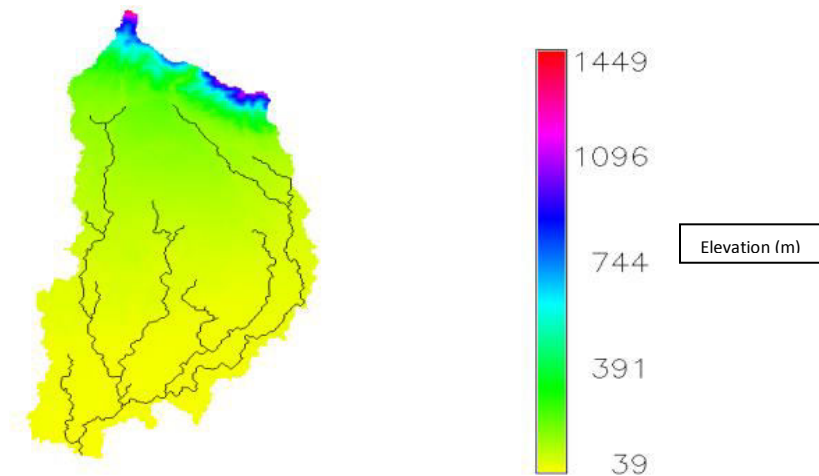
Kaljani

After emerging as River Pana and Basra in Bhutan, the river duo enters into the district as a single unit. Near Alipurduar town, they merges with river Dima and flow in the name of Kaljani river which is the main lifeline of Alipurduar town. But this is a matter of serious concern because this particular river system is flowing through the heart of the town. Any disturbance like embankment breaching, river course network change, river bed rising and erosion have an immense effect into the society. Finally it merges with river Jaldhaka and flow towards east. This river also has changed its course a number of times. Topography varies drastically within this river basin which magnifies the intensity of flash flood. The catchment area is 664.8 sq. Km and this is the largest river basin in our district among others.



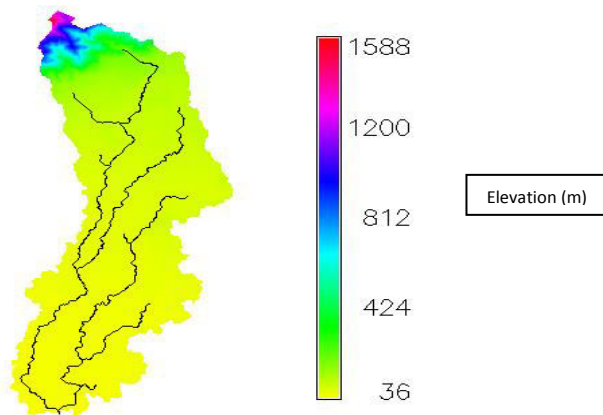
Jayanti-Gadadhar

Jayanti River is a sinuous river flowing through the Buxa forest. The river emerges from the hills in the same name at Bhutan and flow all the way down to Alipurduar. It usually remains dry throughout the year but during monsoons it gushes with cool sparkling water. Once upon a time this particular river was the lifeline of Kalchini block but now-a-days it has become too narrow to carry water and looks like a drain. How the river has changed like this, is a matter of debate. But recent study reveals that excessive sand and pebble mining may be the root cause of this. This place is famous for its scenic beauty and every year is flooded with tourists from different corner. Very often they relax near the bank of this river because of serenity.



Raidak-I

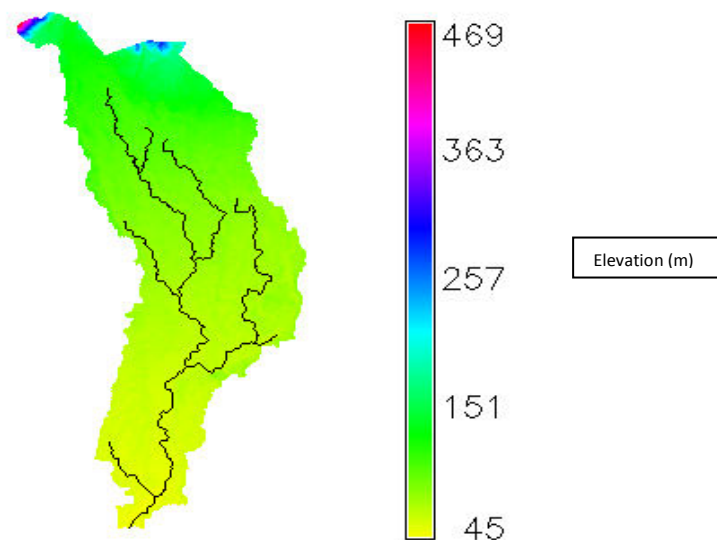
After originating from Bhutan it reaches Alipurduar through Bhutanghat as a single flow and bifurcates into two parts namely Raidak-I and Raidak-II. Finally Raidak-I has ended into river Bramhaputra in Bangladesh whereas Raidak-II meet with river Sankosh at Baxirhat. The catchment area of this river in the district is 268.17 sq.km which is nearly 50% of the entire basin area. The topography of this river basin changes drastically from place to place which makes the river dangerous during rainy season in terms of flash flood.



Raidak-II

This river is a distributary of Raidak near Bhutanghat and flows through Kumargaram Block straightaway. Finally it merges with river Sankosh at Baxirhat, and then the combined flow enters into Bangladesh and joined with Bramhaputra. The catchment area of this river fallen in

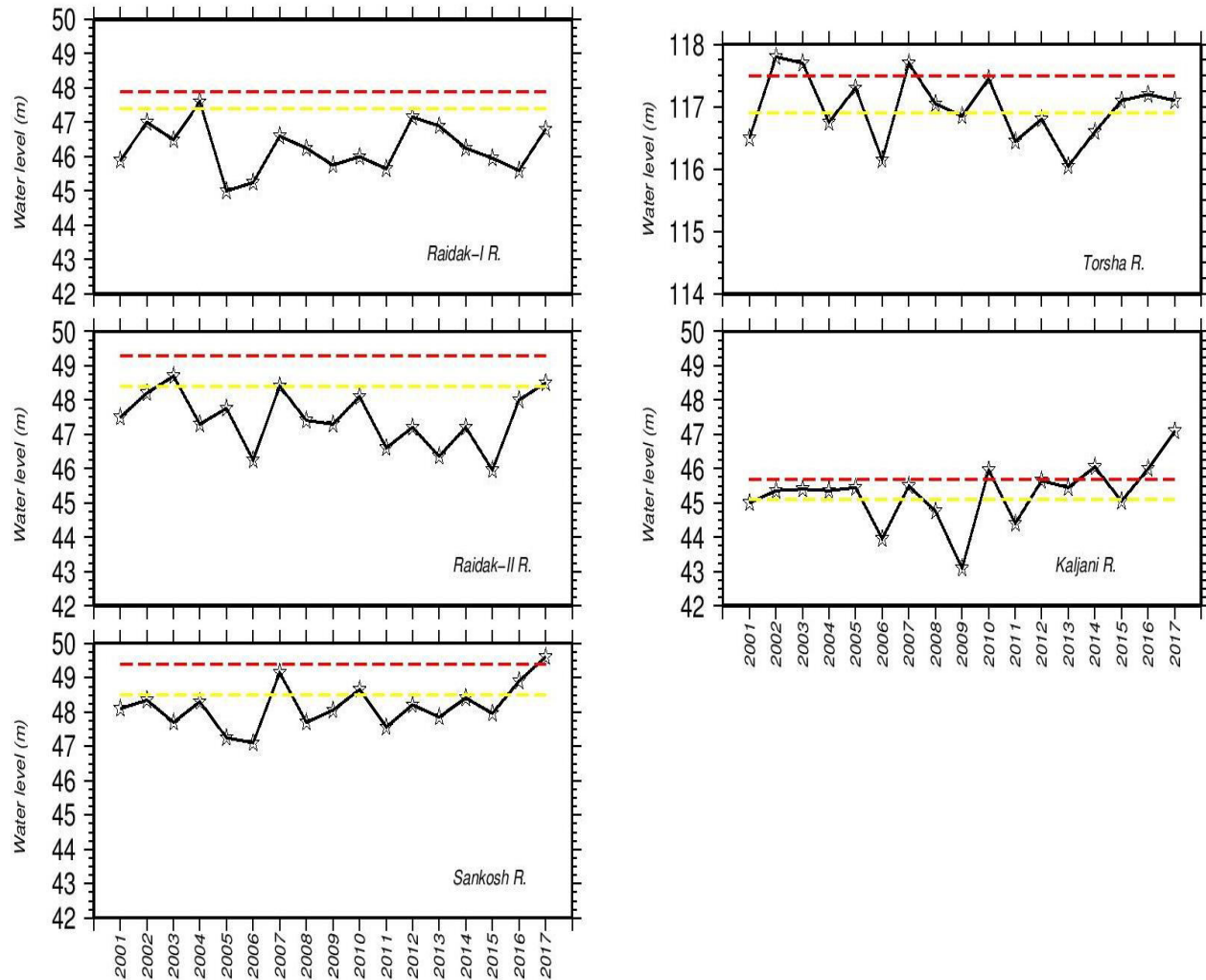
the district is 184.38 sq.km.



Water level of different river

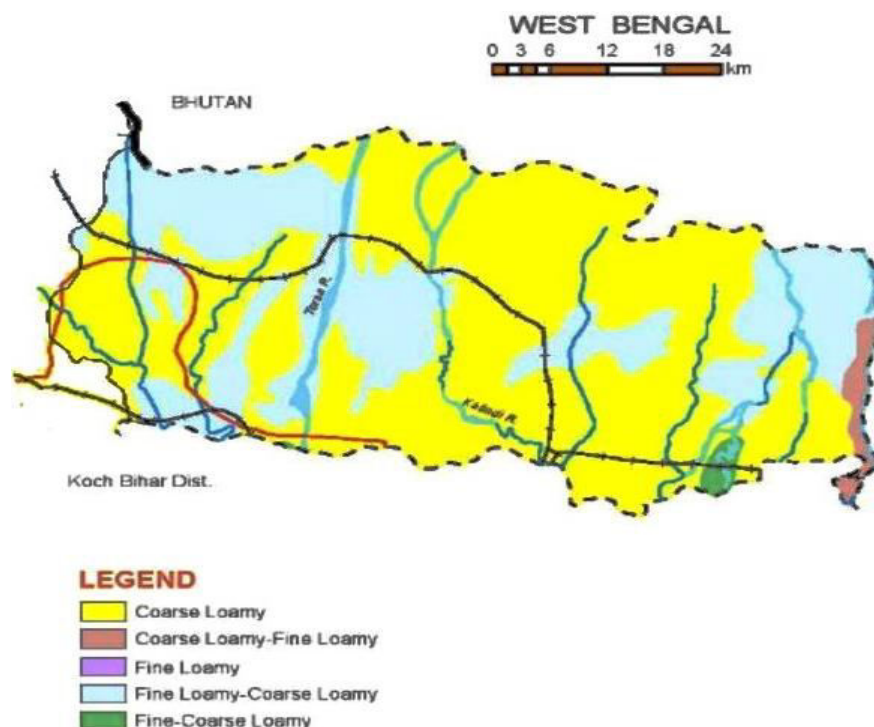
Irrigation department is the nodal agency to measure the water level status and disseminate the same among other departments in concern during rainy season. In general, the record is taken in every 3-hr duration but at the time of emergency hourly data is taken for each 5 major rivers. There are two types of danger level viz, normal signalled as yellow and extreme signalled as red. The aforesaid levels of all major rivers has been written below in tabular format:

<i>River</i>	<i>Danger Level (Yellow) meter</i>	<i>Extreme Danger Level (Red) meter</i>
Sankosh	48.5	49.4
Raidak-I	47.4	47.9
Raidak-II	48.4	49.3
Torsa	116.9	117.5
Kaljani	45.1	45.7



In the above figure, the highest ever water level attained by each major rivers recorded for a particular year, has been plotted in one go for comparison. From figure, it is clear that in the last year two rivers Sankosh and Kaljani crossed the red level which is quite alarming and a matter of great concern.

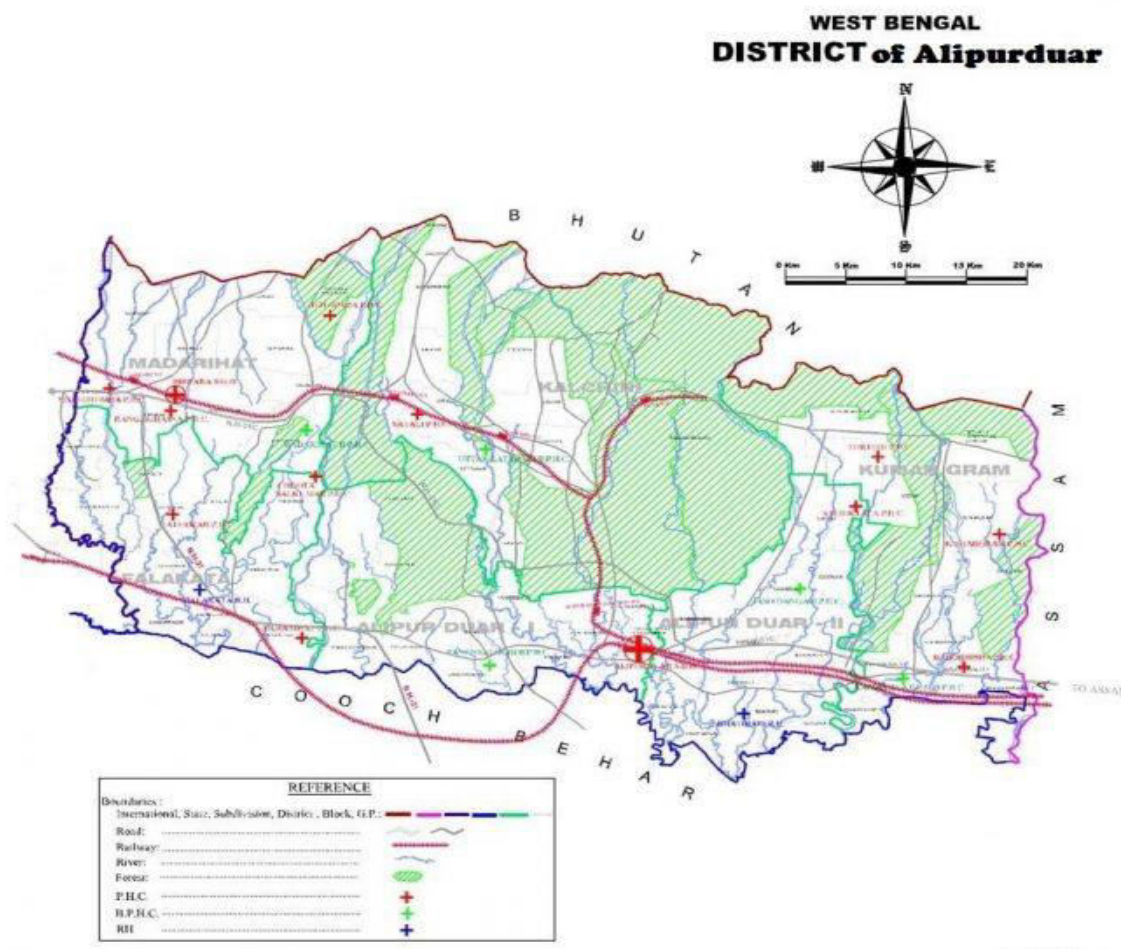
Soil of the district



Soil is a byproduct of rock weathering. From the figure it is clear that entire district has been classified into five categories according to soil characteristics. Most of the soil in the district is coarse sandy loamy type covered with alluvium and very loose according to the texture which is prone to erosion and less water holding capacity. This type of soil is deficient in organic matter due to heavy leaching during excessive rainfall especially potash and nitrogen, the two major parameters for assessing soil health. Moreover, leaching of salt under heavy rainfall increases the acidity of the soil which is the root cause of agricultural damage.

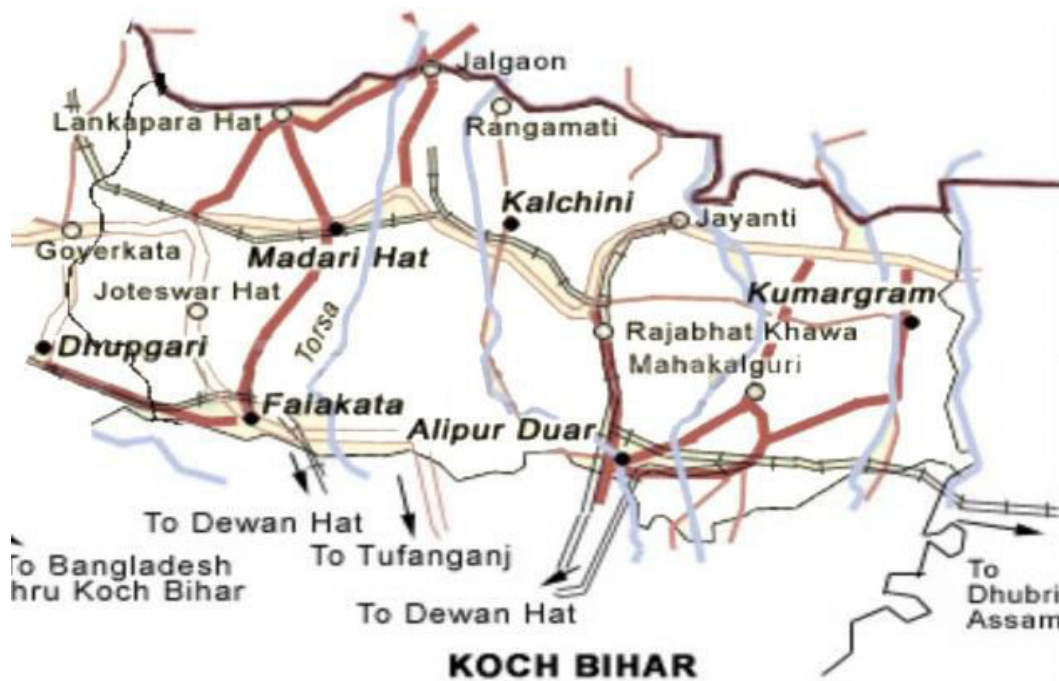
Change of river course network occurs very often due to sand deposition along with debris & stone on the river bed. The soil conservation measures are carried out by the Soil Conservation Wing under Agriculture Department of this district.

Railway track and Road of the district



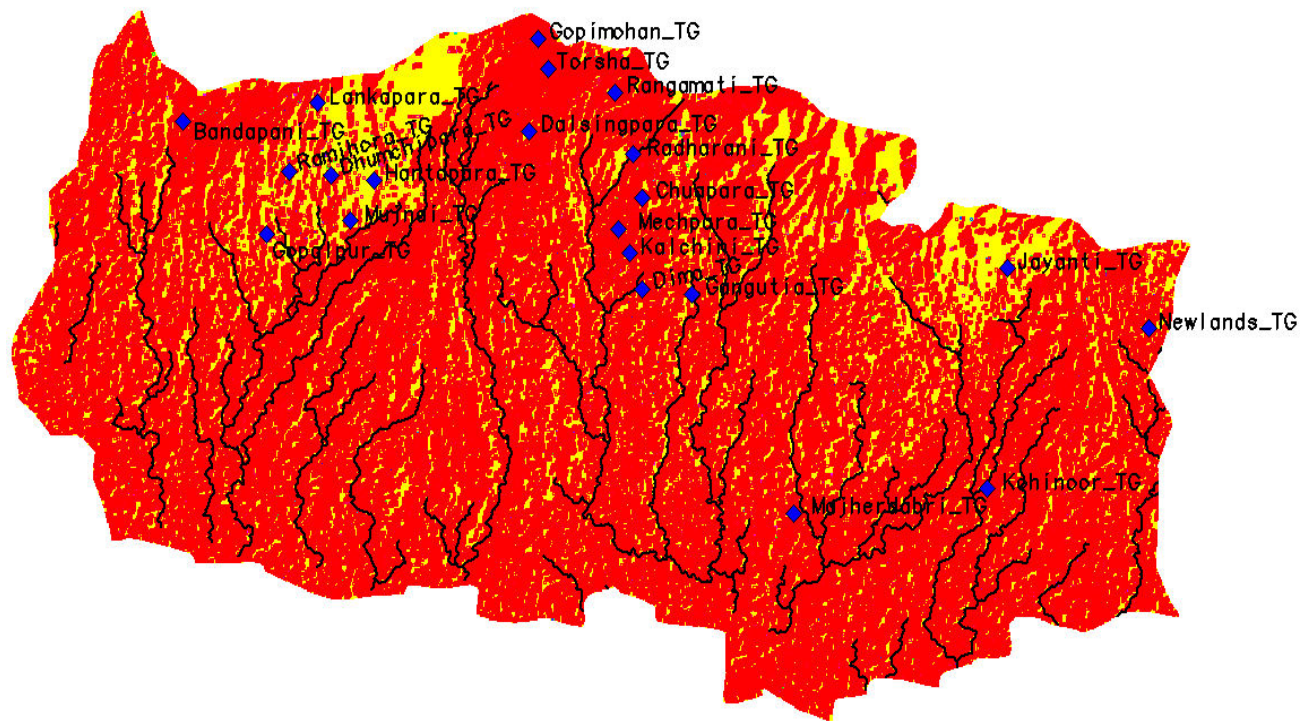
Alipurduar is a major connecting hub between north east part with the other sector of our country. Two main stations are Alipurduar Jn. and New Alipurduar. Most of the superfast and mail trains touch New Alipurduar station which is situated at the outskirts of the main city. On the other hand, a very few express train avails Alipurduar Junction. Apart from this there are another two satellite stations situated at the heart of the town namely Alipurduar court and Alipurduar. Some passenger and local trains run through this line.

There are two major railway tracks at Alipurduar which are of different nature with respect to time and path it covers. One runs through Coochbihar straightaway and covers mainly the city area to reach nearest big station New Jalpaiguri aka NJP while the other runs through the forest area and tunnel. All important trains generally use the former track because it takes less time than the other one.



The entire district is covered with a strong network of motorable roads running through the deep forests and tea gardens. In the east-west direction a highway is situated which connects Alipurduar with Assam through Kumargram in the East and with Siliguri in the west through Falakata. Two National Highway 31,31C and a State Highway 12A along with other local roads connect the belt of all the blocks and GPs in the district. All major squares and crossings are being served with a robust traffic networking system and police check post. Private buses, govt. owned public buses (NBSTC) and small vehicles like auto, tempo or Toto freely travels through the roads. During heavy rain and flood like situation, most of the places are water logged and disconnected due to road blockage by debris. For this time period, navigation through connecting road is hampered seriously, especially in the flood prone areas.

Tea Garden of Alipurduar District



Dooars area is an ideal place for tea plantation and is famous for producing tea of high quality. Not only that, tea garden is the mainstay of Alipurduar and most of the tribal peoples meet their both ends by collecting tea leaves. Numerous tea gardens are there including major and minor throughout the district. Among this, major TGs have been plotted here. From figure, it is clear that all the major TGs are situated in vulnerable area just beside the river banks. During monsoon, the entire district is affected by flood, soil erosion, bank overflow, water logging situation, and siltation which is detrimental for the health of tea plantation. Tea plant is very sensitive and cannot grow under water stagnation and heavy siltation. So it is needless to say that this industry is always under serious threat during monsoon. Last year, due to heavy flood most of the TGs were washed away because of soil erosion and huge siltation.

Alipurduar District at a glance from the perspective of Disaster

- Being a riverine district, Alipurduar is vulnerable to flood especially flash flood. Flash flood is a natural phenomenon whose nature cannot be predicted well in advance. It generally occurs due to land burst or intense rainfall within a very short span of time and causes major damage especially in the foothill area where river becomes very turbulent and rogue to carry anything whichever will fall in the mouth of this rivulet or channel at that time. Nature of flash flood is unpredictable because wall of water come down very rapidly for first two- three hours, causing major damage and then calms down slowly and disappears after that. which causes severe damage to the human habitats, cattles and livelihood every monsoon. This also bring damage in the sector of agriculture and tea garden. While rest of the time of a year all rivers remain dry, they become very turbulent and rogue during rainy season and increases death toll.
- A significant part of this district is covered by forest and hence it is needless to say that this part is full of wildlife animals like elephant, tiger, wild dog etc. Lion part of the human habitats of this particular area use to become victim of those animals every now and then. Not only that, these animals very often come down towards the localities in search of food and others things and create panic among city dweller.
- Forest fire is a natural hazard which generally occurs in extreme summer and set the tree leaf on fire. It not only destroys the forest wealth but also disturbs the bio-diversity and ecological system of a region which affect the behavioral pattern of local flora and fauna. Because of this, the entire forest canopy may disappear, soil may be eroded, wildlife animals may migrate to some other place or more importantly the local weather pattern may change. Many forest fires occur due to natural causes such as lightning or high atmospheric temperature which sets ablaze the tree leaf. Wind and dryness (low humidity) are the agents that keep this fire alive for a long time to go. As nearly 60% of Alipurduar district is covered by forest and tea garden, there is always a threat of forest fire. The livelihood of this district heavily depend upon the forest products like timber, wood, tea leaf, honey etc. Apart from this, the natural beauty due to the existence of forests like Jaldapara, Buxa etc. attract the attention of tourists. A large number of tourists used to visit these places to see the beauty every year. They also enjoy the elephant safari, tiger watching etc. Though rainfall being present in the district throughout the year acts as a natural deterrent to forest fires, it is a matter of concern in our district.
- Alipurduar district is fallen under zone-v according to earthquake zonation and hence there is always a chance of getting damage due to landslide and earthquake.
- Changing river course network is an issue here because of the soil characteristics and river flow pattern. The soil in this district is coarse loamy type and possess very less water holding capacity. During rainy season, the flow of river increases and soil erosion takes place from the river bed and catchment area. Soil is replaced haphazardly from one place and is dumped at some other place depend upon the flow of water. As a consequence of this, some of the places are run out and other places are surplused by soil. Rivers are bound to change there network.
- Every year, the district experiences thunderstorm namely Nor'wester which demolish most of the thatched houses and take lives of human being and cattles. Not only that, a good amount of people die due to lightning and thunderstruck.
- Snakebite is a very common phenomenon in this district. Foothill is the place where water accumulates and make the soil more wet which itself is an ideal place for various poisonous snake. Most aborigine of the Duars region become victims of snakebite during collection of tea leaves or wood etc.

Chapter 3

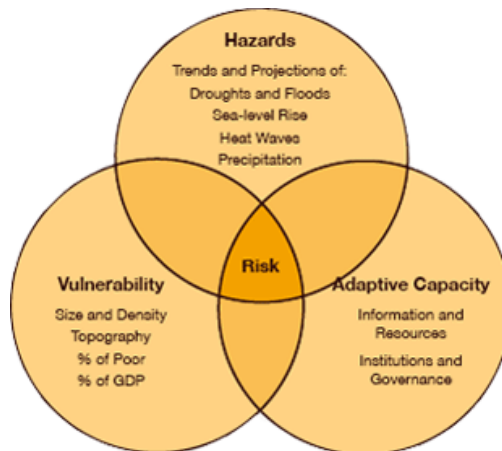
VULNERABILITY ASSESSMENT OF THE DISTRICT

We are already familiar with the terms like hazard, vulnerability and risk. They are not watertight compartment and related to each other. Hazard, risk and vulnerability assessment (HRVA) is a study of making a place disaster resilient, by addressing the issues like major disaster, vulnerable zone, cause of vulnerability, mitigating hazard and disaster preparedness. A HRVA will not make a place hazard free overnight, rather it help us to understand the cause of vulnerability and warn us for making preparation to face the disaster with sufficient resources well in advance. Put another way, it is a remedy for reducing the damage. HRVA has both spatial and temporal dimension. We have considered here the Gram Panchayet (GP) being the smallest unit for our study.

Hazard, Risk and Vulnerability connects through the conventional formula written below:

$$\text{Risk} = (\text{Hazard} \times \text{Vulnerability}) / \text{Capacity}.$$

Risk, Vulnerability and Hazard are the negative factors whereas the only positive factor is Capacity which deals with the strength of resources in the society and its proper applicability at the time of emergency to reduce the loss.



Hazard

Hazard is any kind of disturbance that may turn into a disaster. Analysis of past disasters tell us that the district has a long history of flood. Which is why we simply concentrated on flood to figure out the hazard matrix. On the basis of thrust and aftermath due to flood, the entire district has been ranked from high to very high hazard prone area. Due to the topographic variation, the nature of flood and its consequences vary as we move forward from north to south of the district.

In the northern part, erosion and flash flood occurs whereas in the southern part, flood in short duration with high potential are common characteristics.

Types of different hazards are listed below:

Geological hazard	Earthquake, Tsunami, Volcanic eruption, Mine burst, Landslide.
Water and Climatic hazard	Tropical cyclone, Flood, Drought, Heat and cold wave, Coastal erosion, Avalanche.
Environmental and Biological hazard	Environmental pollution, Epidemic, Pest attack, Deforestation, Food poisoning, Desertification.
Chemical hazard	Chemical and industrial disaster, Nuclear plant failure, Power grid failure, Oil spill.
Manmade hazard	Boat/Road/Train accident, Air crash, Building collapse, Stampede, Riot, Mutiny, child trafficking, sexual harassment.

Risk

Risk is the chances of occurring harmful event and its consequences or expected loss which is measured in terms of lives, wounded people, livelihood, environmental damage etc. The word risk itself would not exist if there was no vulnerability.

Risk assessment is carried out by analysing frequency, magnitude, intensity and location of a particular hazard based on historical data.

Capacity

In the arena of disaster management, the only positive term is none other than capacity building. Capacity reduces the threat of hazard and prevents any catastrophe from turning into disaster. Capacity is an umbrella term which includes social structure (literacy, livelihood etc.), economy (earning per capita, GDP), training and awareness, response and mitigation technique etc.

Vulnerability

Vulnerability is the detail study of weakness of a community, system or asset that makes it susceptible to the damaging effect of a hazard.

Type	Description	Scenario at Alipurduar District
Physical Vulnerability	It is determined by the physical aspects like geographical location, structural pattern of building materials, remoteness of a settlement etc.	Being situated at the lap of Bhutan in the sub-himalayan foothills, the district always has to carry excess water of the mountainous trans-boundary rivers originating from Bhutan and that is the main cause of

		massive flash flood.
Social Vulnerability	It is determined by the social aspects like level of literacy, awareness of the common people, religious belief, local language, livelihood, social equity, gender issues etc.	The district is full of tribal people and average literacy rate is very low which causes serious threat because most of the community people suffer due to their ignorance.
Economic Vulnerability	It is determined by the economical aspects like income and status of individuals, percentage of socially deprived group like SC/ST, women and children, financial accessibility, transportation, health care facilities etc.	Tea Garden and forest is the mainstay of the livelihood at Alipurduar. Most of the tribal people earn their money by collecting tea leaf or forest product especially wood and tick. But these two livelihoods are in serious threat.
Environmental Vulnerability	It is determined by environmental aspects like soil erosion, changing pattern of river course, loss of biodiversity, emission of toxic chemical pollutants, ground water contamination etc.	Changing river course network and soil erosion are prominent here. Apart from this, excessive sand and dolomite mining are the factors which play a major role in environmental degradation.

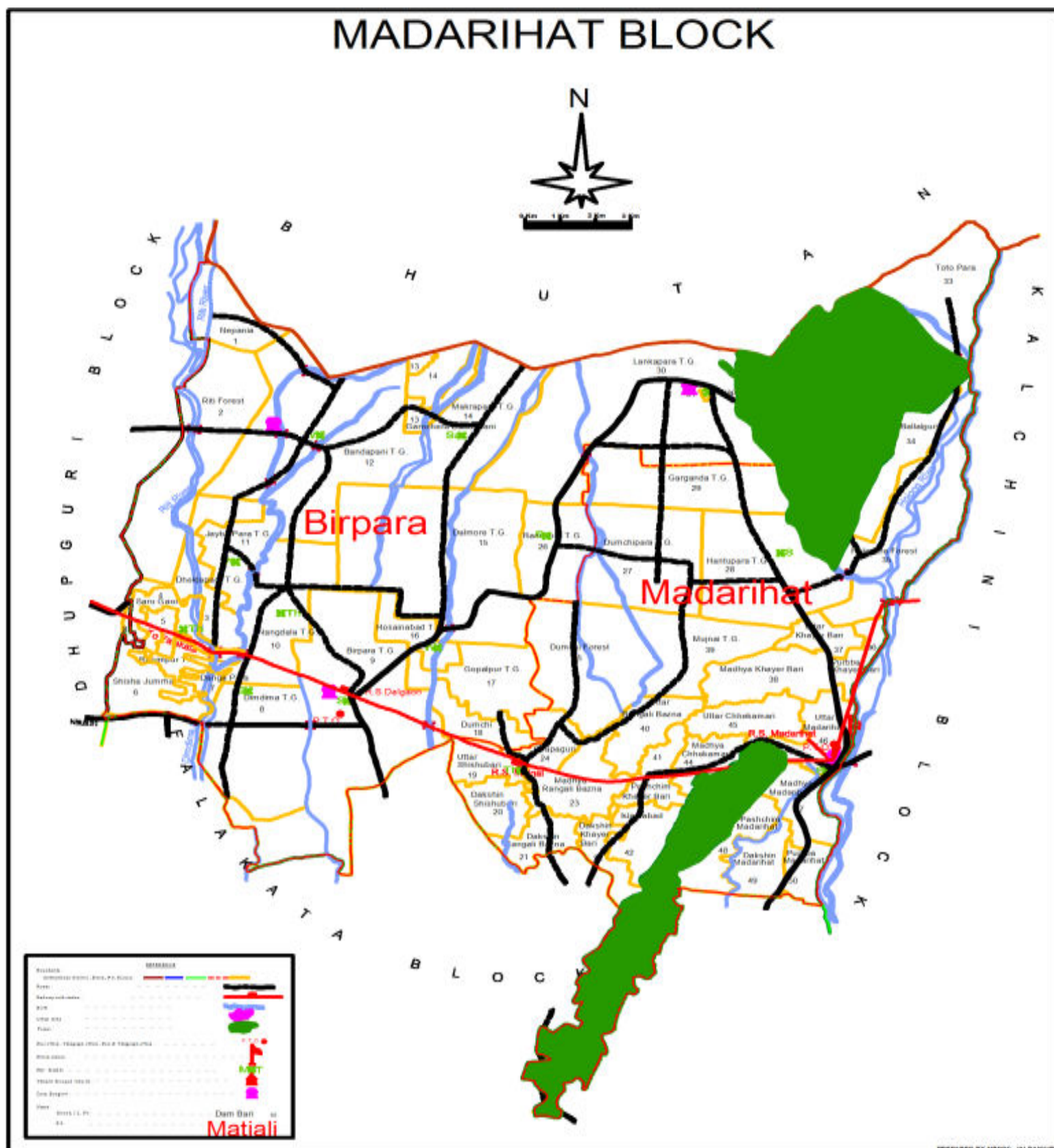
BLOCK WISE HRVA

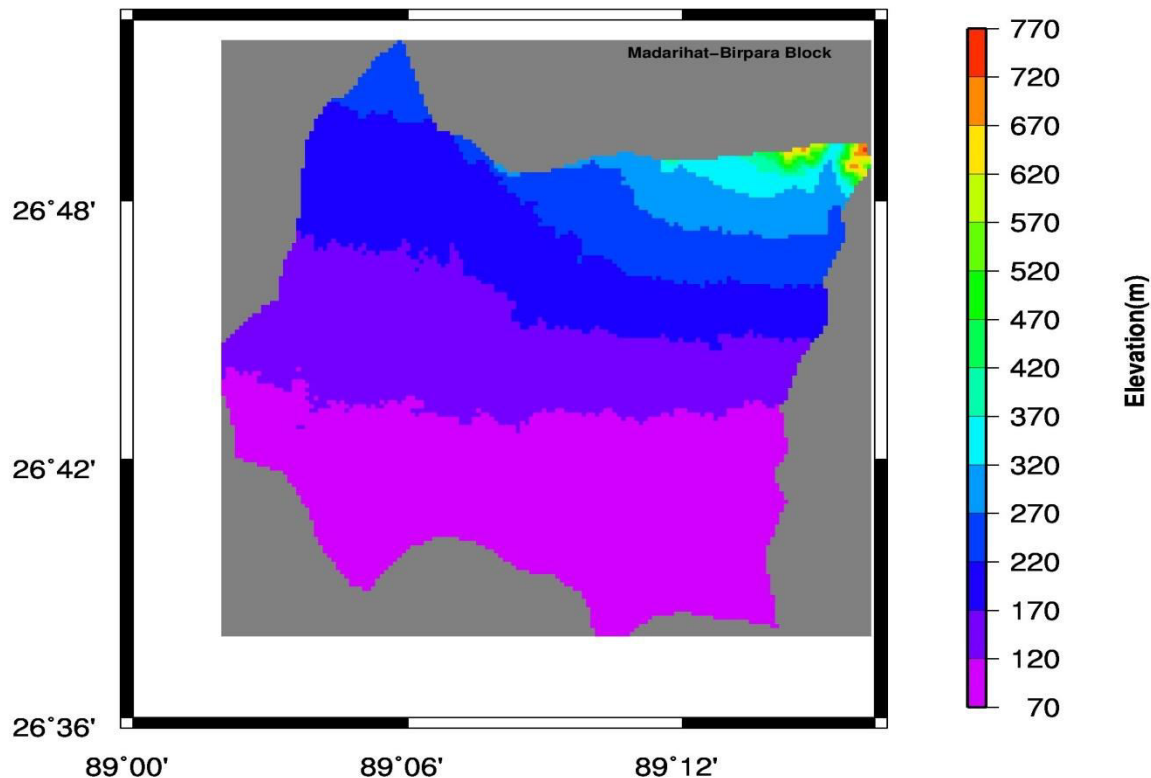
Alipurduar District Block Map

West Bengal



Madarihat block

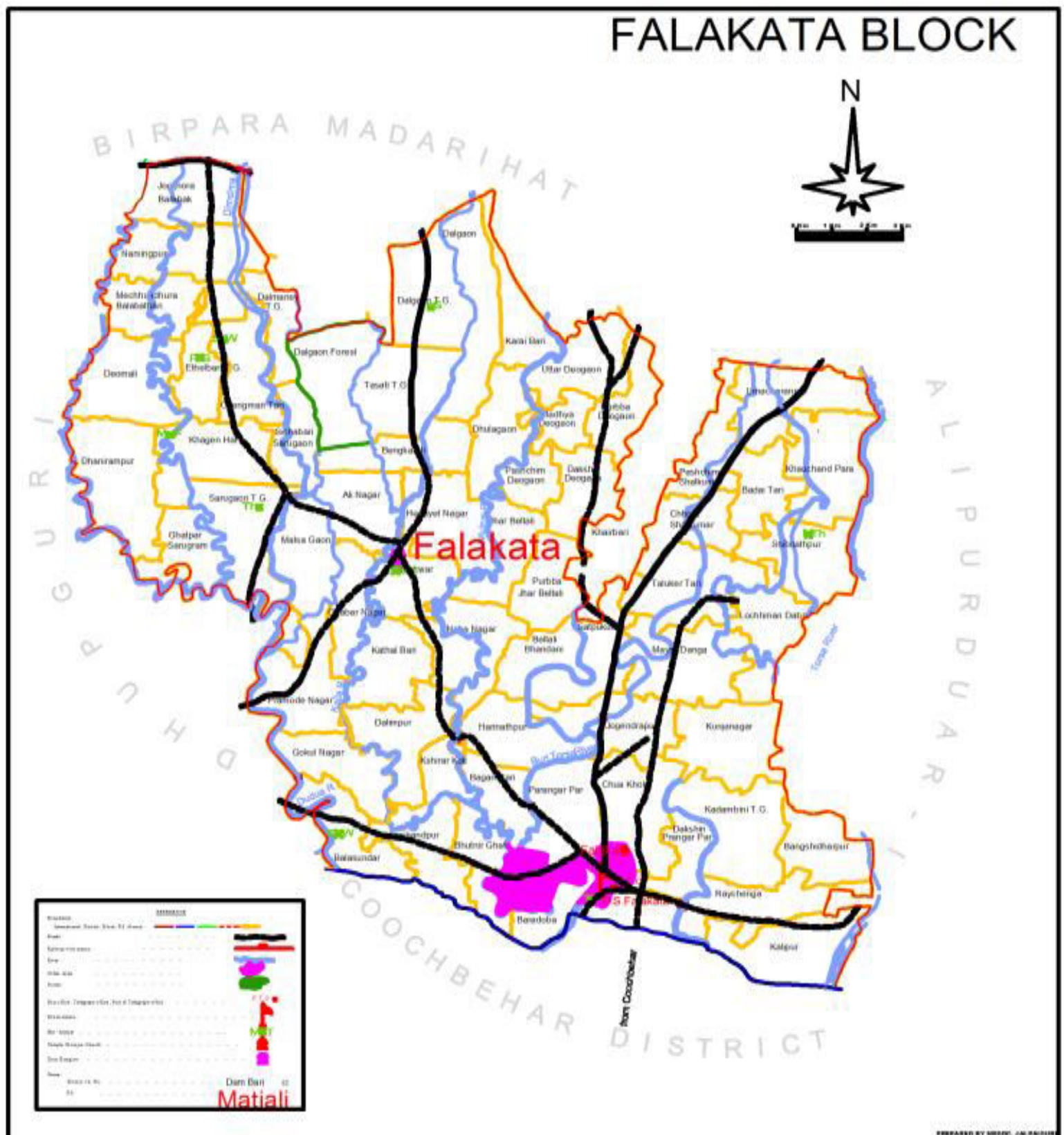


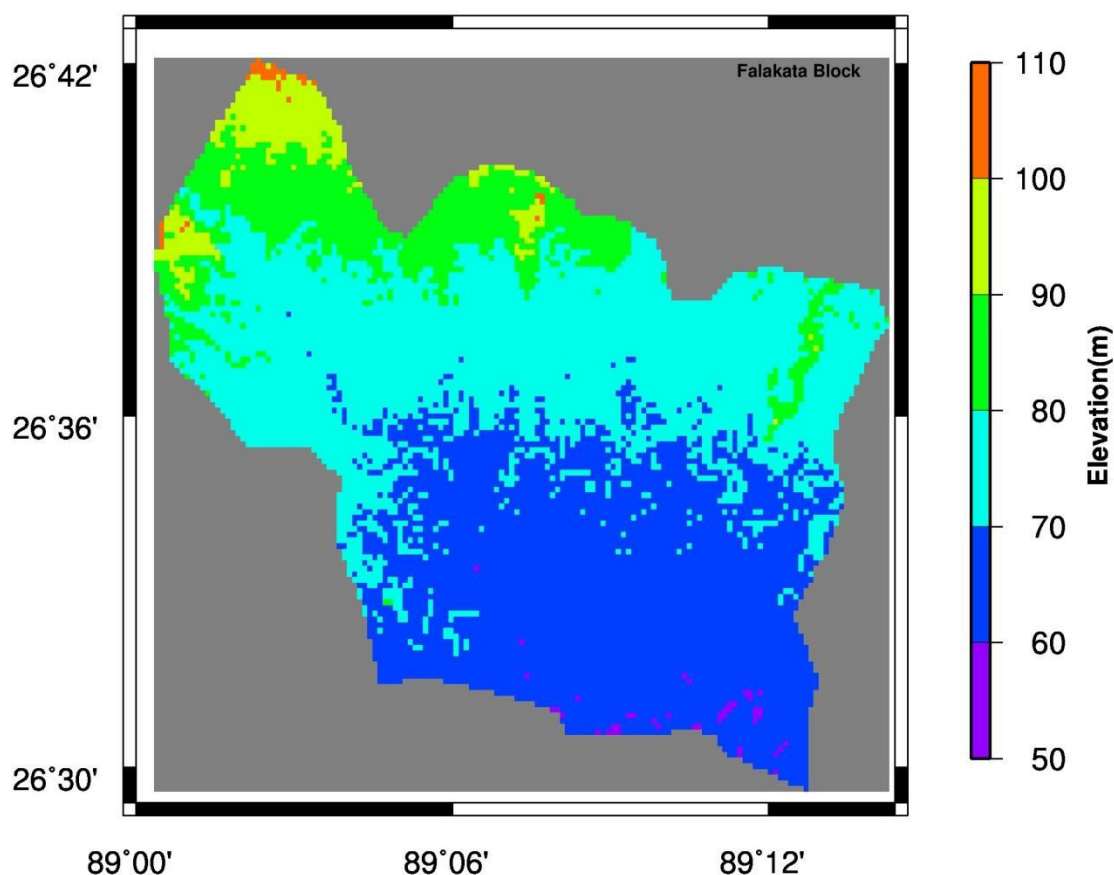


Madarihat block is situated in the north-west sector of the district. It is bounded by Bhutan in the north, Falakata in the south and Kalchini in the east. Jalpaiguri district is in the western side of the block. There are 10 GP in this entire block and population density is 492/sq.km. Totopara GP is of special status. Jaldapara and Khaerbari RF have made this place more interesting and increase the level of environmental vulnerability. Average rainfall is 3000-3500 mm/year which is above normal range. Topography is dynamic and average slope pattern varies from 4 to 9 mt/Km. During peak monsoon period, heavy rainfall for consecutive days flow through this dynamic slope pattern which creates the place a flood prone area. There is a very less agricultural land in this block.

	Birpara-I	Birpara-II	Bandapani	Sishujhuma	Lankapara	Hantapara	Madarihat	Khayerbari	Rangali Bazna	Totopara
Vulnerability	H	H	H	H	H	H	MH	MH	H	H
Hazard	VH	VH	VH	VH	VH	VH	M	H	H	VH
Capacity	L	L	L	L	L	L	L	L	L	L

Falakata block

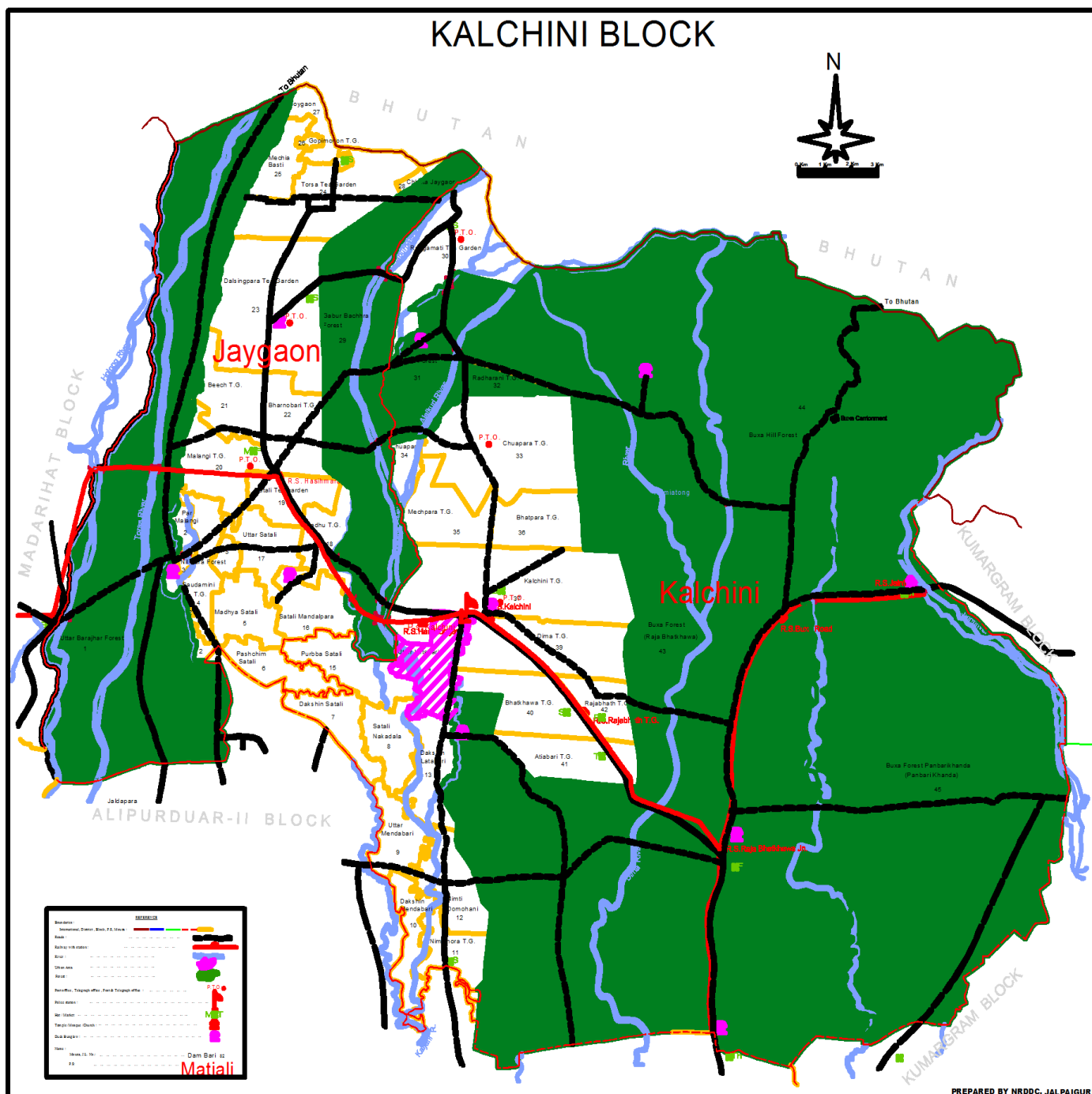


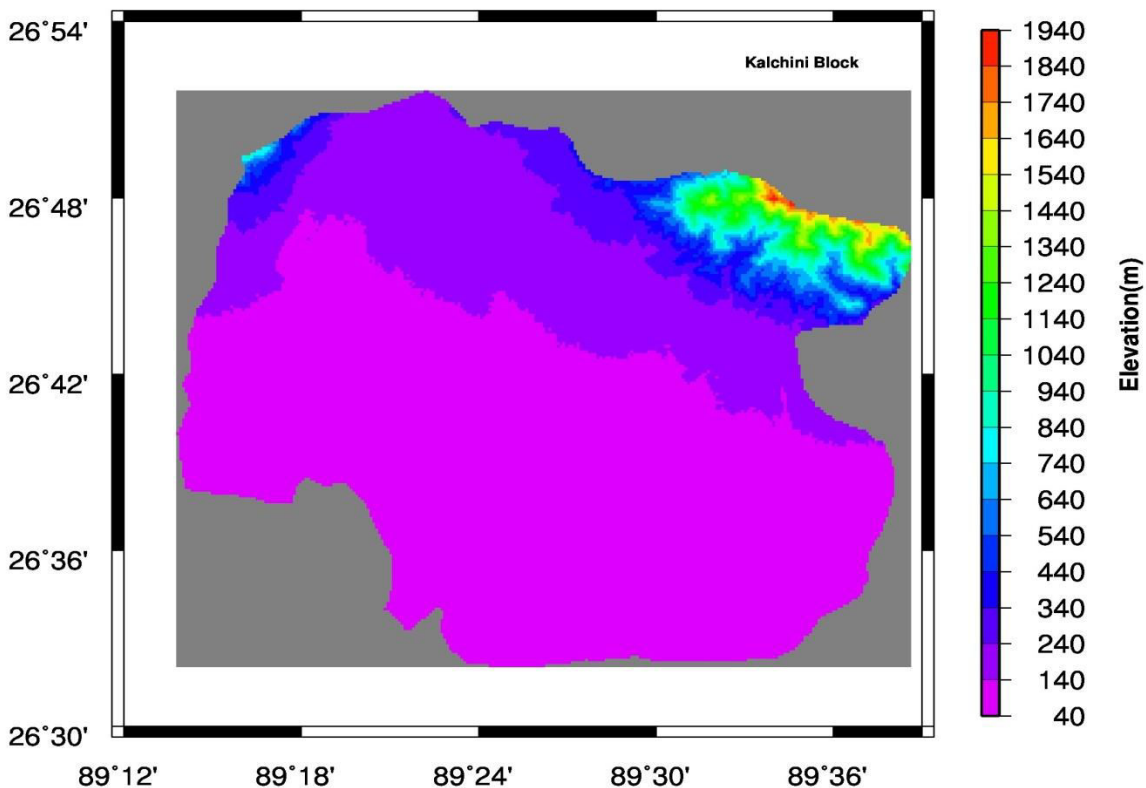


Falakata is situated in south-western sector of the district and bordered by Madarihat in the north, Alipurduar-I in the east, Kalchini in the north-east, Coochbihar in the south and Jalpaiguri in the west. There are 12 GP in this entire block and population density is 718/sq.km. Dalgaon and Jateswar have small forest patches. Average rainfall in this block is 2500-3000 mm/year. The overall slope pattern is very low ranging from 0.6-3 mt/km except some places like Dhanirampur, Dalgaon etc. where slope is steep and varies from 3-5 mt/km. Most of the GPs are facing soil erosion during peak monsoon due to deforestation. Environmental vulnerability is very high due to the presence of Khaerbari and Jaldapara RF. Very often forest animals like elephant, tiger emerges to the localities and create panic among city dweller.

	Jateswar-I	Jateswar-II	Falakata-I	Falakata-II	Guabar nagar	Salkumar	Deogoon	Mairadanga	Parang erper	Dhanirampur-I	Dhanirampur-II	Dalgao n
Vulnerability	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
Hazard	M	M	VH	VH	VH	H	VH	H	VH	VH	VH	VH
Capacity	H	H	H	H	H	H	H	H	H	H	H	M

Kalchini block

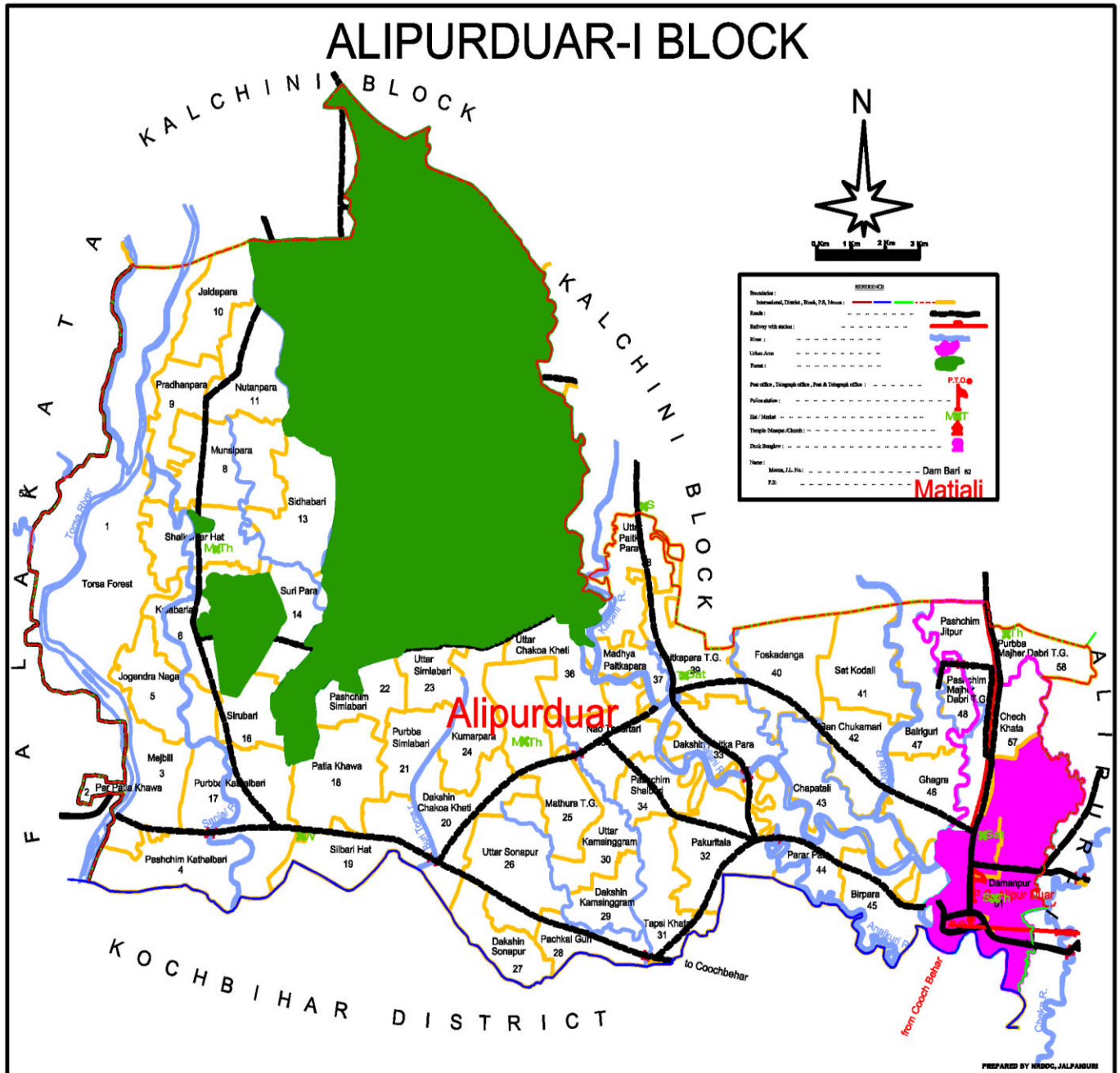


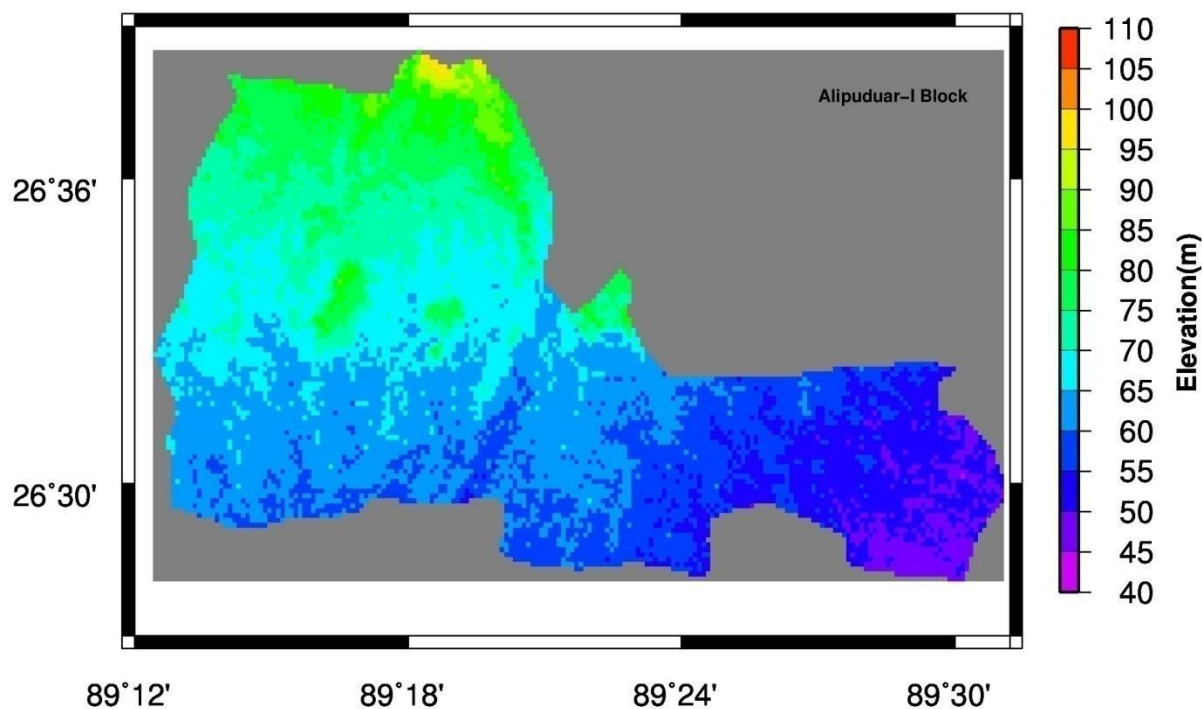


Kalchini is situated in the northern most part of the district and bordered by Madarihat in the west, Bhutan in the north, Kumargram in the east, Alipurduar-I in the south and Alipurduar-II in the south-east sector. It possesses an area of 711 square kilometre and the largest block according to the size. Population density is 355 per square kilometre and have eleven GP. A major area of this block (approx. 60%) is covered by forest and tea gardens. Three major RF viz. Jaldapara, Bhutri and Rajabhatkhawa surrounds the whole block. This block receives an average annual rainfall of 3000-3500 mm/year. A dynamic variation in slope is observed and it ranges from 30mt/km (near Rajabhatkhawa) to 3.6mt/km (near Latabari and Mandabari). The average slope is 9-10 mt/km which is high as well. Literacy rate is quite low because of the presence of tribal community who depends only on forest products, timber and tea garden.

	Jaygaon-I	Jaygaon-II	Dalsingpara	Malangi	Satali	Mandabari	Latabari	Chuapara	Kalchini	Garopara	Rajabhatkhawa
Vulnerability	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
Hazard	H	H	H	H	H	H	H	H	H	H	H
Capacity	L	L	L	L	L	L	L	L	L	L	L

Alipurduar-I Block

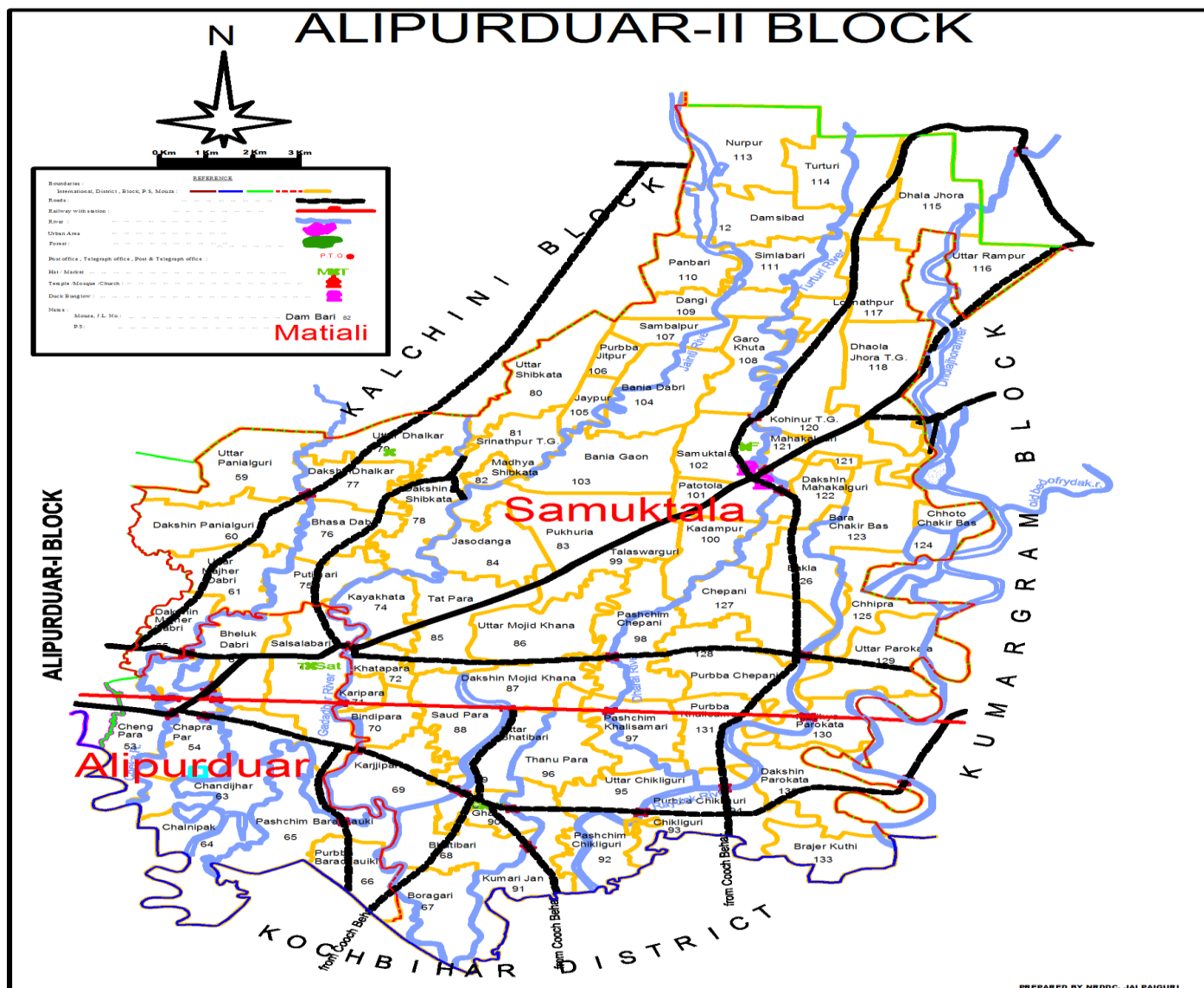


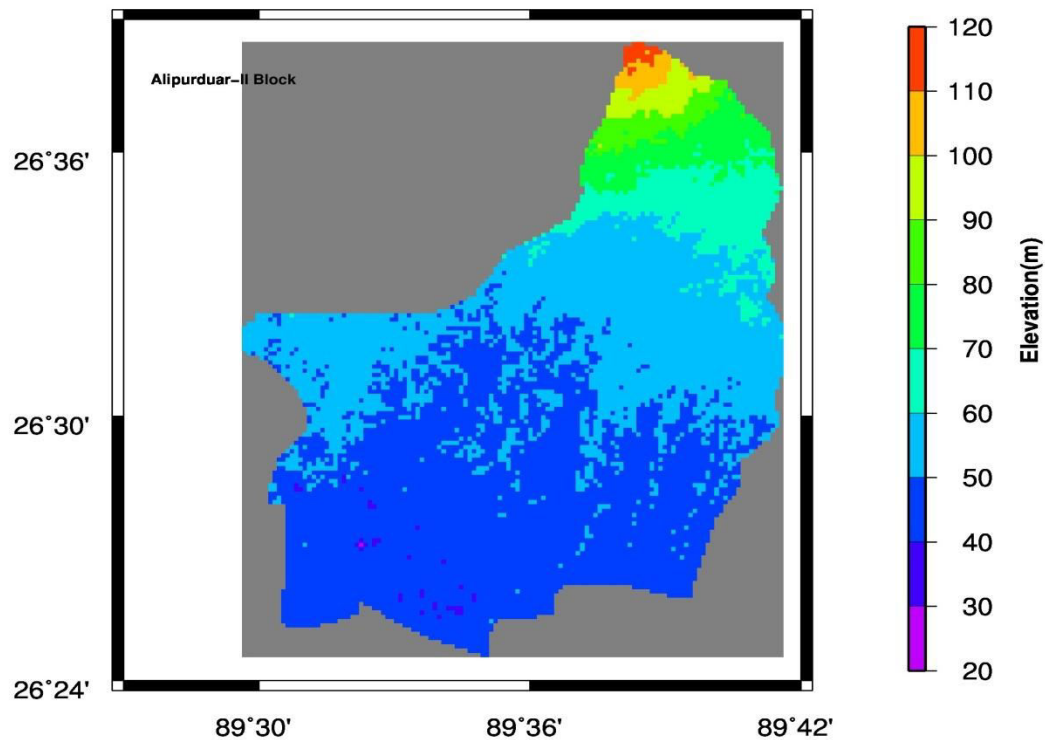


Alipurduar-I is situated in the southern part of the district and is bordered by Coochbihar in the south, Falakata in the west, Alipurduar-II in the east and Kalchini in the north. The area of this block is 378 square kilometer, population density is 521 per square kilometre and have eleven GP. District headquarter is situated in this block and most of the land is covered by human settlement, offices, schools, major hospitals and nursing homes etc. Alipurduar Jn. and New Alipurduar railway station which are also situated in this block to meet the purpose of tourist and travellers to make entry in this town. The slope pattern is very low and ranges from 1-1.3 mt/km. This proves that it is a low lying area and water accumulate very easily from uphill through stream or river during monsoon.

	Mathura	Topshikatha	Parerpar	Banchukumari	Vivekananda-I	Vivekananda-II	Salkumar-I	Salkumar-II	Purba Kanthalbari	Patlakhawa	Chokoakheti
Vulnerability	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
Hazard	H	VH	VH	H	VH	VH	H	H	VH	VH	VH
Capacity	M	M	M	M	M	M	M	M	M	M	M

Alipurduar-II Block

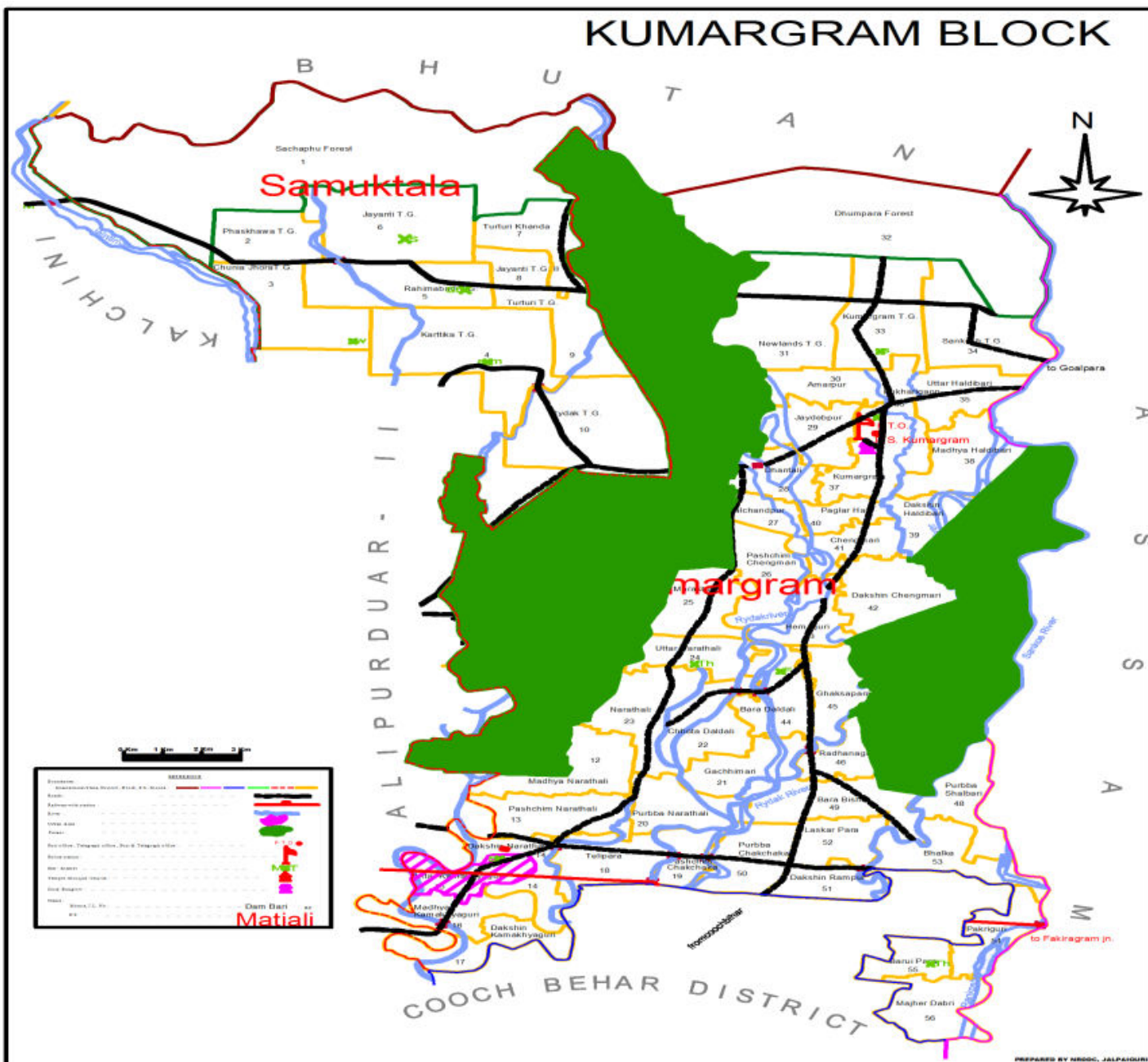


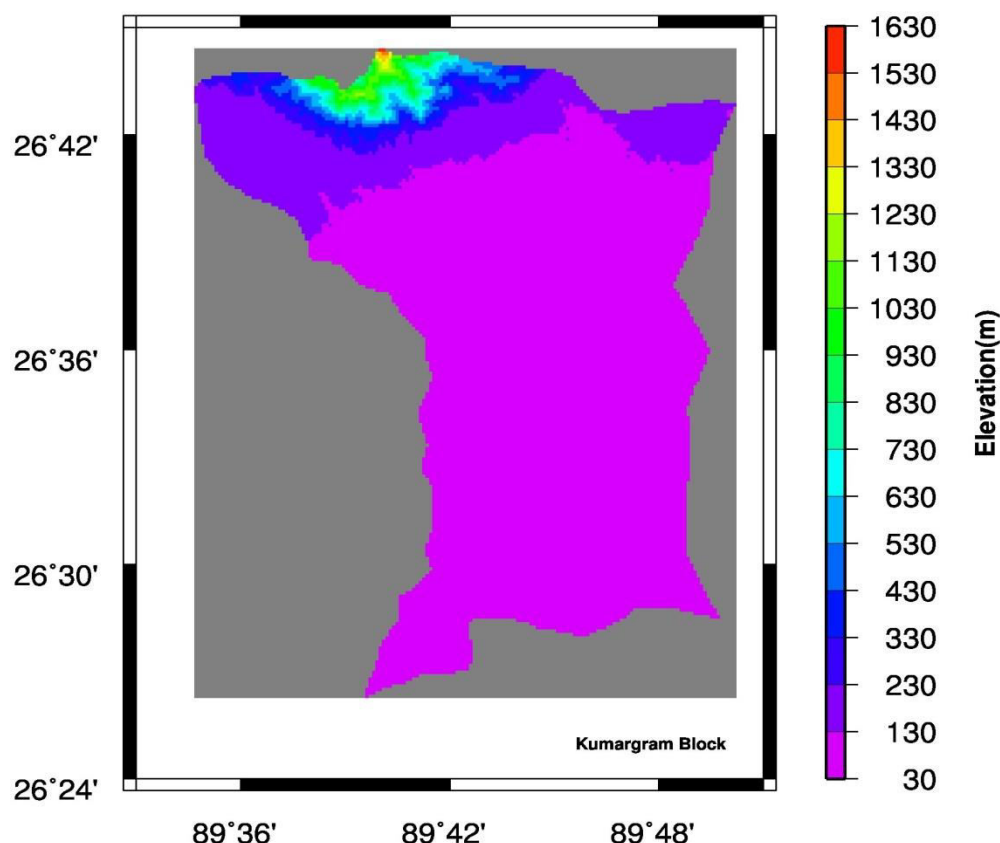


Alipurduar-II block is situated in the south-eastern part of the district and bordered by Coochbihar in the south, Kumargram in the east, Kalchini in the north and Alipurduar-I in the west. The area of this block is 319 square kilometer, the smallest one among six blocks, population density is 618 per square kilometre, densely populated block and have eleven GP. Average annual rainfall in this block varies in the range of 2500-3000mm/year approximately. Slope pattern is varying, places like Turturi, Samuktala Majherdabri have higher slope, approx. 2.5-3.5 mt/km. Rest of the paces varies from 1.2-1.4 mt/km. This is also a low lying area and increases the level of danger during rainy season.

	Turturi	Samuktala	Mahakaliguri	Parokata	Kohinoor	Majherdabri	Totopara-I	Totopara-II	Bhatibari	Chapar-I	Chapar-II
Vulnerability	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
Hazard	H	H	H	VH	M	M	VH	VH	VH	VH	VH
Capacity	M	M	M	M	M	M	M	M	M	M	M

Kumargram Block





Kumargram is the eastern most block of this district and bordered by Bhutan in the north, Assam in the east, Coochbihar in the south and Alipurduar-II in the west. It has the area of approximately 518 square kilometre and population density is 344 per square kilometre. It is also divided into eleven GP. Sankosh and Raidak, the two dreadful tributaries of river Brahmaputra are flowing through this block making a flood prone area during rainy season. This block get annual rainfall of 2500-3000 mm/year. Slope pattern is very dynamic which varies in the range 10-30 mt/km in some places like Raidak, Khanda , Kumargram etc. but rest of the places is in the range of 1.5-5 mt/km.

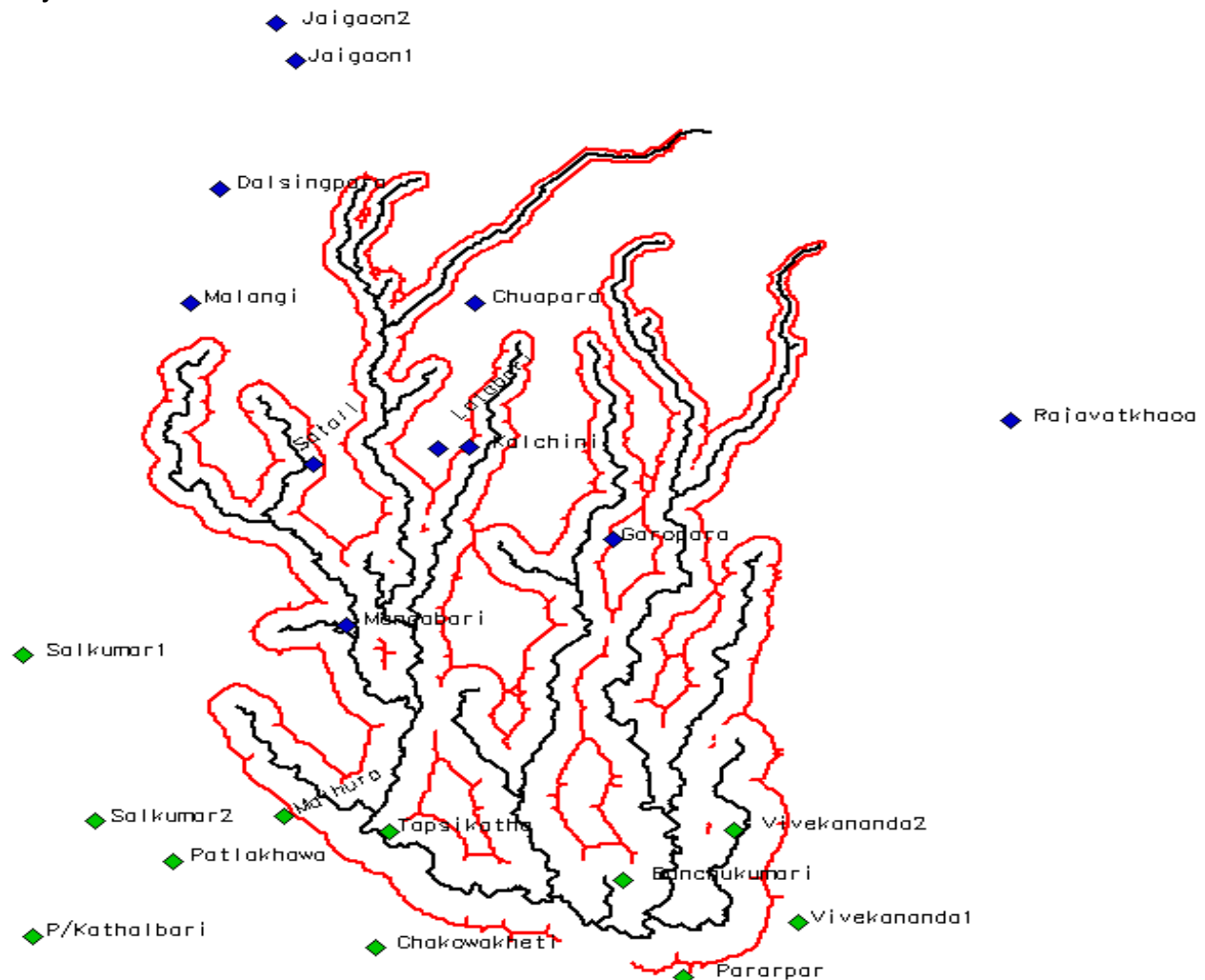
	Turturi Khanda	Raidak	Kumargr am- Sankosh	Kumargr am	Chengm ari	Barobish a-I	Barobish a-II	Khoarda nga-I	Khoarda nga-II	Kamakh yaguri-I	Kamakh yaguri - II
Vulnerability	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH	MH
Hazard	VH	VH	VH	VH	VH	VH	VH	VH	VH	VH	VH
Capacity	M	M	M	M	M	M	M	M	M	M	M

Vulnerable GP identification in terms of flood

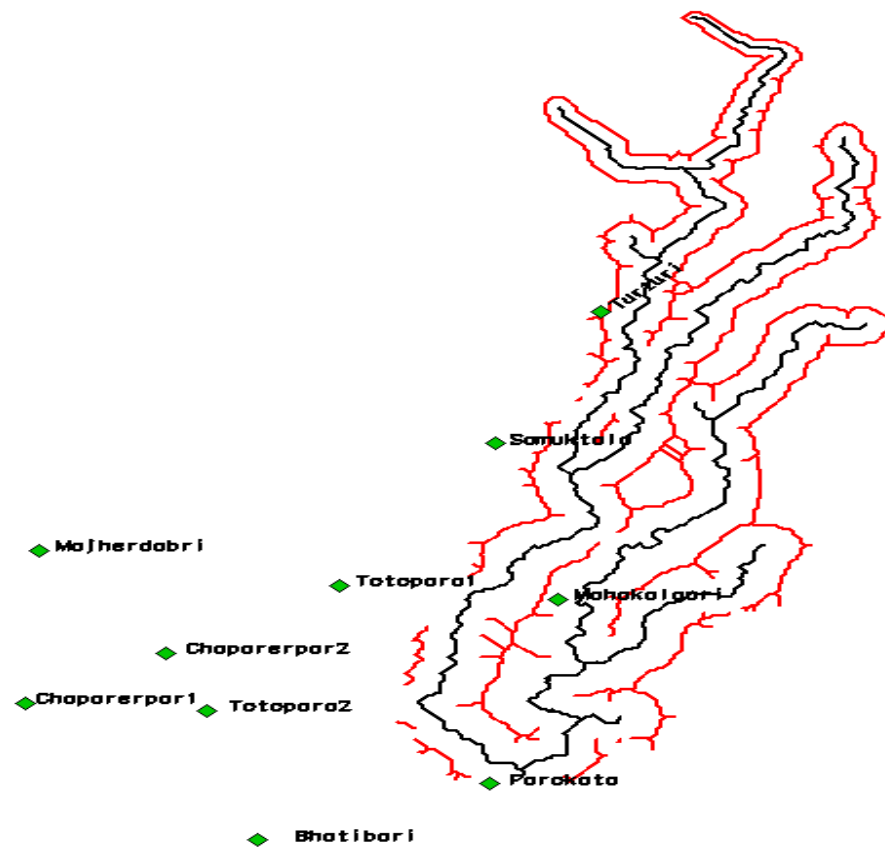
Safety is non-negotiable and cannot be compromised by any means. And that is why we have tried to identify those GP, vulnerable to flood, well in advance so that according to necessity of the situation, we can make people aware of that particular GP under stress by miking or any other means. During any emergency period, prior knowledge of vulnerable places are always helpful to take prompt decision and rapid response.

Vulnerability plot has been done on the basis of river basin structure and catchment area. Kaljani is the largest river among others in terms of basin area in Alipurduar. Apart from this, other major devastating rivers are Raidak and Jayanti. According to the danger level and low lying area of a particular place, the map has been prepared. The danger level of the river Kaljani, Raidak-I are 45.7 meter and 47.9 meter in GTS. So the places fallen under red border line is most vulnerable and should be informed them at the earliest about the danger.

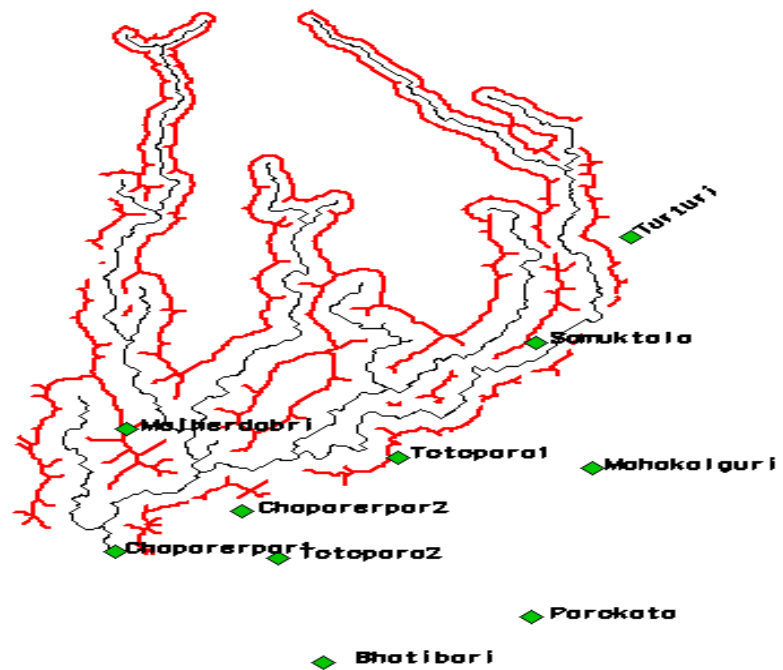
Kaljani



Raidak-I



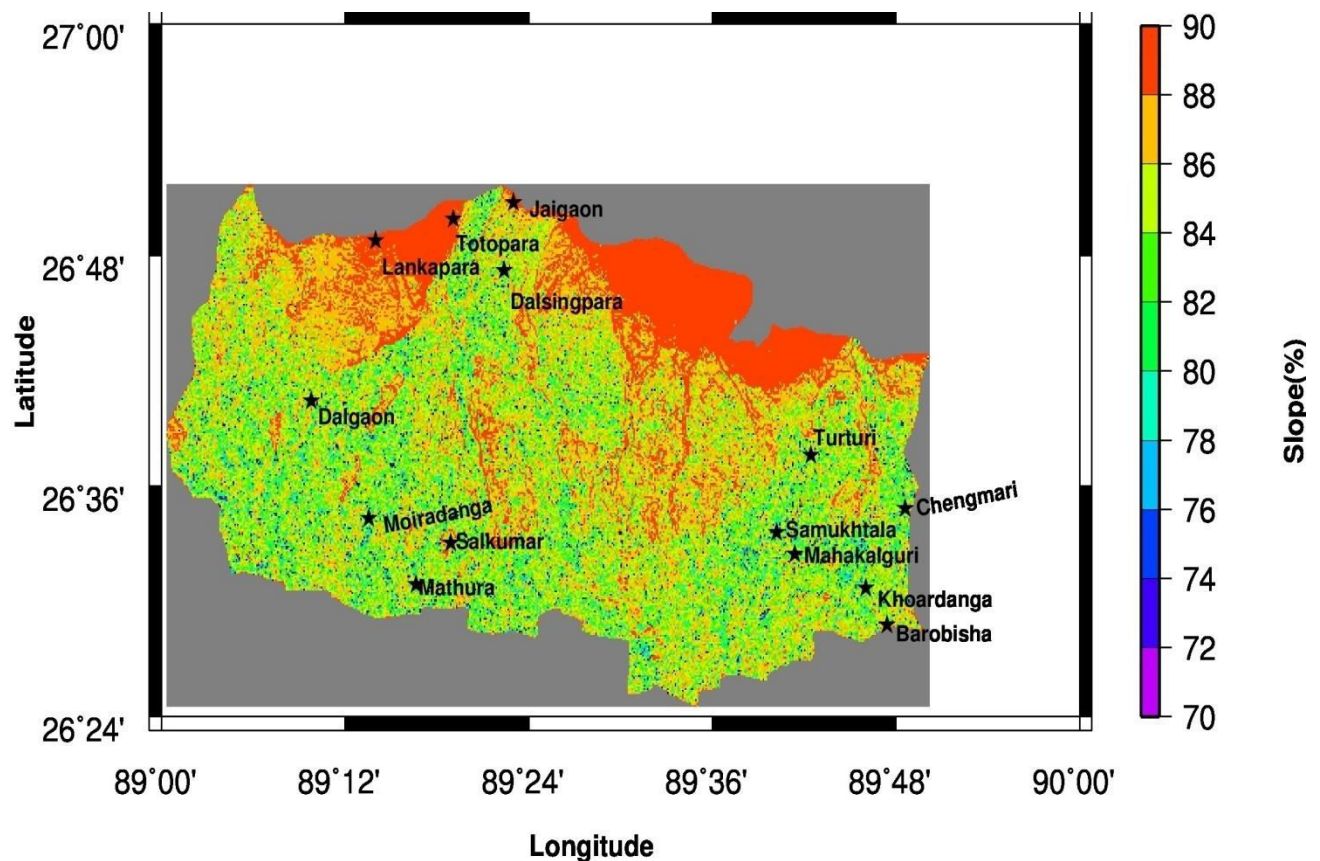
Jayanti-Gadadhar



Vulnerable GP identification in terms of earthquake and landslide

Earthquake is a geo-tectonic hazard due to the movement of plates inside our mother earth. It is basically an outcome of sudden release of earth's internal energy and happens suddenly without giving adequate time for taking precautions. Kangra earthquake, Gujrat earthquake, tsunami etc. are the few examples which bear the stamp of such devastation. According to the severity and intensity of this particular hazard, the entire earth has been divided into five zones. Places fallen under zone one is less vulnerable whereas places fallen under zone five is the most vulnerable.

According to this calculation, entire Alipurduar district is fallen under zone four and a few is under zone five. Hence it is needless to say that there is always a chance of getting damage due to EQ. We have identified those GP vulnerable to landslide by calculating the slope pattern.



Chapter 4

CAPACITY BUILDING AND TRAINING

As mentioned earlier, training and awareness is an integral part of Disaster Management to minimize the thrust of any negative consequence. Very often we see that people fall prey of any disaster, manmade or natural, due to lack of knowledge. That may be thunderstruck, earthquake, cyclone, flood or any other health hazard in the form of outbreak or various pollutions like environmental or industrial. Promoting awareness and conducting mock drill is the best remedy for reducing damage of every individual or a society. This entire process of training, workshop, awareness camp and mock drill collectively is termed as capacity building. Put another way, capacity building is the amalgamation of all the strengths and resources within a community, society or organization that can reduce the level of risk. There are various types of process oriented capacity building like:

- a) Community awareness.
- b) School safety program.
- c) Mock drill.
- d) Various activities like road show, wall writing, quiz competition etc.
- e) Civil defense basic training/ fire fighting.
- f) Training of trainers.

Community awareness:

Community in a society is the first responder of a disaster. The term community is defined as a group of people stay together having some common perspective like culture, livelihood, basic amenities etc. For instance, farmers, fishermen or labors of a tea garden is a community according to their livelihood, people belongs to various backward class is a community according to their culture etc. In most of the cases, they victimize because of their ignorance. Keeping this in mind, the concept of Community Based Disaster Management (CBDM) has been launched for our own benefit. Because community members are the chief support of any society. CBDM is a framework to safeguard their lives, property and livelihood by involving them in different mitigation activities. Skillful persons are involved to train them regarding various natural hazards like earthquake, tsunami, landslide etc by showing videos, promulgating dos and don'ts etc.

School safety program:

Schools are precious local investments of a nation and often serve multiple purposes in a community like learning centers, gathering places for community events, meeting places for clubs and religious organizations, storage places for books and technical equipment, and public shelters in emergencies. While chances are very high of getting affected in different ways by disaster, directly and indirectly, and in the long and short term, the vulnerability of schools can be reduced with structural and non-structural mitigation measures in a systematic manner. Some example of direct effect by disaster events on a school is something like damage of school building due to earthquake, water logging situation due to flood etc. As a consequence, school hours may be disrupted, daily routine may also be hampered and panic may be spread among students. On the other hand, indirect effect of disasters on schools can be

gauged as increasing dropout rates of students. It is a common fact that students leave school after a disaster event, either because their parents need them to work for their livelihood, or because they are afraid of sending their wards back to an unsafe school environment. Additionally, students may feel unable to attend classes or have problems concentrating on study due to post traumatic effect. So a safe school environment is of paramount importance to protect our local establishment as well as our future generation.

School students are quick learners who carry forward the messages to their family and local community injected by their so called teacher. Hence it is always a good opportunity to train them regarding various disaster management activities. It has been observed that children are one of the most vulnerable groups in our society during disaster because they can be easily victimized due to lack of awareness of parents and teachers both. Child abuse and trafficking, sexual harassment etc are increasing at an alarming rate which reveals that they are not safe.

Although the risk due to any disaster persists everywhere, it amplifies the level of anxiety when students are away from home for learning. Moreover it become a matter of concern when we see that a large amount of govt. and privately owned schools are being constructed in a congested area in an unplanned way & exposed to various hazards. Inadequate infrastructure and lack of awareness from the end of school authority are the main triggering factors to fuel these issues which can be mitigated through awareness and training.

Mock drill:

Mock drill is the practice of rescuing self or any distress people from various disasters by creating artificial panic and generally conducted to reduce the damage of natural disasters. It is a platform through which we can showcase our preparedness and rescue service in front of the authority. Attention should be paid on the specific hazards from which a particular place suffer most. Different disaster has different mitigation approach as well as rescue technique and hence procedure of mock drill differs from disaster to disaster.

Various activities like road show, wall writing, quiz competition:

These are another way of promoting awareness. Different peoples in our society like school teachers, students, govt. officials etc. are asked to involve in this type of activities. By these activities, focus is mainly paid to eradicate man-made disasters like environmental pollution, health hazard, deforestation, killing of wildlife animals, wastage of food, child trafficking, sexual harassment and communal riot etc. Keeping placard in hand, arranging street drama, quiz competition on climate change etc. are the procedures which are followed for this purpose.

Civil defense basic training/ fire fighting:

No other activity is as important as to save and rescue life from natural calamity. Different calamity is of having different nature and hence the aftermath. So the technique of response and rescue varies according to the situation. Any negligence from the end of rescue team may turn into a huge loss to the society. To execute the entire rescue procedure carefully, well-trained young volunteers are required who can response promptly. Basic level training is provided to the local youth with the hope of producing a group of trained volunteers and to make the quick response team network stronger. Topics like Disaster risk management, rescue procedure from different scenario like fire, flood, earthquake etc, and providing basic first aid to the victim is generally taught in this course curriculum. At the end of the

course, they are undergone an examination and certificate is provided on successful completion of the program.

Beside this, accidental fire is as devastating as any other disaster and can be harmful in terms of damage if not handle at right time in a proper way. Fire fighters are trained personnel who extinguish fire by the help of different equipments systematically, pursue fire inspection and investigation, maintain all fire fighting equipments, and provide training for these activities. There are number of issues like source of fire, area engulfed by fire and neighborhood locality which need to be understood properly before starting any fire fighting operation. Fire fighting course addresses all these issues. A week long fire fighting course was organized for our civil defense volunteers. 40 number of young and energetic CD volunteers took part in this course. Tackling different type of fire, gripping fire extinguisher etc. were taught in this course curricula.

Training of trainers:

This approach is adopted to train the govt. officials or school teachers who can further percolate the same among the persons of his/her surroundings. Administrative Training Institute (ATI), Regional Training Centre (RTC) etc. are the places where training is provided on regular basis regarding various topics like Climate Change, Post Disaster Need Analysis, Disaster Risk Reduction, Incidence Response System etc.

Special day celebration:

UNISDR Day

Recent study reveals that the frequency and occurrence of disaster is increasing worldwide day by day at a rapid pace. To confront this situation, United Nations (UN), an inter-governmental organization to promote international cooperation, felt the necessity to construct a roadmap by adopting some plausible strategy to reduce the impact of any disaster. And hence in this way the concept of United Nations International Strategy for Disaster Reduction (UNISDR) came into existence. In this regard, a draft of mitigation and preventative measures has been formulated under the guidance of policy makers and board members which should be followed by UN countries. Conducting awareness camp and mock drill is one such activity under this module. India too, has no exception as well and decided 13th October to mark the day with workshop and seminar.

National Day for Disaster Risk Reduction (NDDR)

This is a decade old practice in our country to celebrate the day. Mainly school goers and panchayet members participate in this celebration with workshop, seminar and road rally.

Alipurduar district is no different than the other districts and we try to arrange various levels of training and awareness program throughout the year for different stakeholders and target groups. In the year 2017-18, our training calendar has been written below in tabular form:

Name of the training	Organizer	Target Group	Date	Remarks
School safety drill regarding Earthquake to mark Kangra EQ day	District authority	School students	04.04.17	To promote awareness regarding EQ among school goers.
Child Centered Disaster Risk Reduction	IAG- Govt. of West Bengal and UNICEF	Govt. officials	29-31 May 2017	To promote awareness regarding Child safety issues and vulnerability of Children during emergency among govt. official and NGOs
Civil defense basic training at District headquarter	District authority	Young personnel	05-09 June 2017	Strengthening QRT for search and rescue at the time of emergency.
Fire fighting course for CD volunteers	District authority	CD Volunteers	17.07.17-21.07.17	To aware and show a hand's on training regarding fire safety for enlisted CD volunteers
Disaster Management in Different Zones	Indian Chamber of Commerce and Govt. of West Bengal.	Businessman	25.07.17	Creating awareness about various issues related to disaster management among businessman and TG members.
Civil defense basic training at Madarihat Block	District authority	Young personnel	11-15 Sep, 2017	Strengthening QRT for search and rescue at the time of emergency.
Awareness program to mark UNISDR day	District authority	Community members, Govt. officials and schools students	13.10.17	Mock drill related to fire, first aid and rescue from flood has been shown practically and various risk reduction approach was shown to the participants.
SCUBA diving test	District authority	Trained CD volunteers	13.10.17	Trial test conducted by the trained volunteers to check the diving equipments.

Awareness program to mark NDDR	District authority	Community members, Govt. officials and schools students	29.10.17	Road rally and various lectures regarding climate change, community awareness, and risk reduction approach were discussed to create awareness among school students and govt. officials.
Fire fighting course for CD volunteers	District authority	CD Volunteers	6.11.17-10.11.17	To aware and show a hand's on training regarding fire safety for enlisted CD volunteers.
Basics of Disaster Management and climate change at Vivekananda College, NSS camp.	College authority.	College students.	17.11.17	To promote awareness regarding disaster risk reduction procedure among college students.
Civil defense basic training at Kalchini Block	District authority	Young personnel	11-15 Dec, 2017	Strengthening QRT for search and rescue at the time of emergency.
Child Centered Disaster Risk Reduction	IAG- Govt. of West Bengal and UNICEF	Various line departments	27.12.2017	Follow up program to chalk out the district level plan related to various child safety issues.
Awareness camp and display stall at Dooars Fair 2017	District authority	Visitors and local people	29.12.2017 to 07.01.2018	Promote awareness among common man regarding disaster, mitigation and rescue equipments.
TV Talk Show regarding various disaster management activities	District authority	Local people	06.01.2018	Open discussion between DRR activists, Govt. Officers and expert persons to aware common man about the entire disaster management synergy.
Incident Response System (IRS)	District authority and Webel Technology	IRS team members	16.03.2018	Handling of Previstar Software and implementation of IRS during any emergency situation.

Civil Defense Basic Training



UNISDR day celebration



Seminar on Disaster Management for NSS college students



Fire fighting course



IRT seminar and training



Awareness camp and display stall at Dooars Utsav



NDDR Day celebration



School Safety Drill



Rescue mock drill



Workshop on Child Safety Issues



Chapter 5

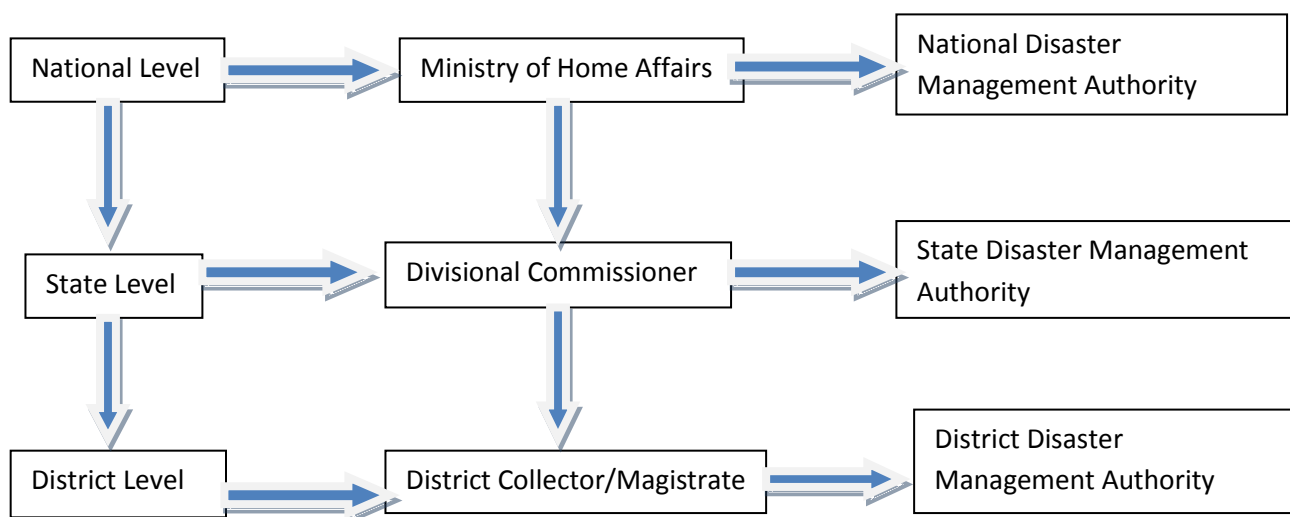
INSTITUTIONAL ARRANGEMENT

There are several activities in disaster management department. All these are very dynamic and quintessential which is not possible for a single entity to carry out. Just like it includes preparedness and training before a catastrophe take place, in the same way it also encompasses relief and rescue operations during disaster and build back better after the mishap by using its resources. So it is needless to say that different well trained people and team are required to meet the demand. An institutional set-up is a good bet for that to face the challenge in a proper way. For undertaking holistic and prompt response, Government have decided to implement the law on disaster management for institutional mechanism to bring the department and allied wings under a common frame. According to the section 3, 14 and 25 of DM Act, 2005, there should be disaster management authorities, a multi-disciplinary body with nodal officers from various line departments, in national, state and district level each.

<i>Mechanism</i>	<i>Nodal department</i>	<i>Functions</i>
National level	National Disaster Management Authority (NDMA)	<ol style="list-style-type: none"> 1. Coordinate disaster management at national level. 2. Operate National Emergency Operation Centre (NEOC) smoothly which has been set up in the Ministry of Home Affairs with state-of-the-art equipments. 3. Develop/Update National Contingency Action Plan.
State level	West Bengal Disaster Management Authority (WBDMD)	<ol style="list-style-type: none"> 1. Coordinate disaster management at state level. 2. Operate State Emergency Operation Centre (SEOC) smoothly. 3. Distribute the grant and relief materials to the respective divisions/districts. 4. Check and verify the DM plan for each district. 5. Impart Trainings.
District level	District Disaster Management Authority-Alipurduar (DDMA) Email : dmsapd20@gmail.com Ph. No 03564-253637	<ol style="list-style-type: none"> 1. Coordinate disaster management at district level. 2. Operate Emergency Operation Centre (EOC) smoothly. 3. Develop/Update Disaster Management Plan. 4. Disburse the contingency and ex-gratia grant to the block level. 5. Impart Trainings.

		6. Deliver the relief materials to the block well in advance. 7. Supervise and help in control any emergent situation, if arises, at Block and Municipality
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Institutional Flowchart:



DISTRICT DISASTER MANAGEMENT AUTHORITY-ALIPURDUAR

DDMA is the apex body to monitor and supervise all the disaster management activities in a district which ranges from awareness to relief and rescue connected therewith. DDMA is also responsible to support the district by providing various thought provoking mitigation measure to build back better and make our society disaster resilient. According to the order under section 25 of DM act, 2005 every district should have a DDMA comprising of seven persons at most. We have already formed the DDMA for our district.

Functionaries:

1. Build/Construct a proper disaster management plan including preparedness, relief, response and rehabilitation of the district.
2. Coordinate and monitor the implementation of the National Policy, State Policy, National Plan, State Plan and District Plan.
3. Detecting vulnerable areas in the district prone to specific disaster and ensuring special mitigation measure for those places.
4. Give directions to different authorities at the district level and local authorities to take such other measures for the prevention or mitigation of disasters as may be necessary.

5. Lay down guidelines for prevention of disaster management plans by the department of the Government at districts level and local authorities in the district.
6. Organize training programs for different levels of officer, employees and voluntary rescue workers in the district.
7. Coordinate immediate response to any threatening disastrous situation.
8. Review the state of capabilities for responding to any disaster or threatening disaster situation in the district and give direction to the relevant departments or authorities at the district level for their up gradation as may be necessary.
9. Conduct meeting with all BDMO for reviewing and assessing the progress on yearly basis.
10. Advise and coordinate the activities of the Department of the Government at the district level, statutory bodies and non-governmental organization in the district engaged in various activities related to disaster management.
11. Identify buildings and places which can serve the purpose of relief centers or camps and make arrangements for water supply and sanitation in such buildings or places.
12. Provide information to the State Authority related to different aspects of disaster management at the time of their need.
13. Maintain stockpiles of relief and rescue materials in a systematic way to make them available within a short notice.
14. Perform other functions as the State Govt. or State Authority may assign from time to time which is necessary for disaster management in the District.

EMERGENCY CONTROL ROOM (EOC)

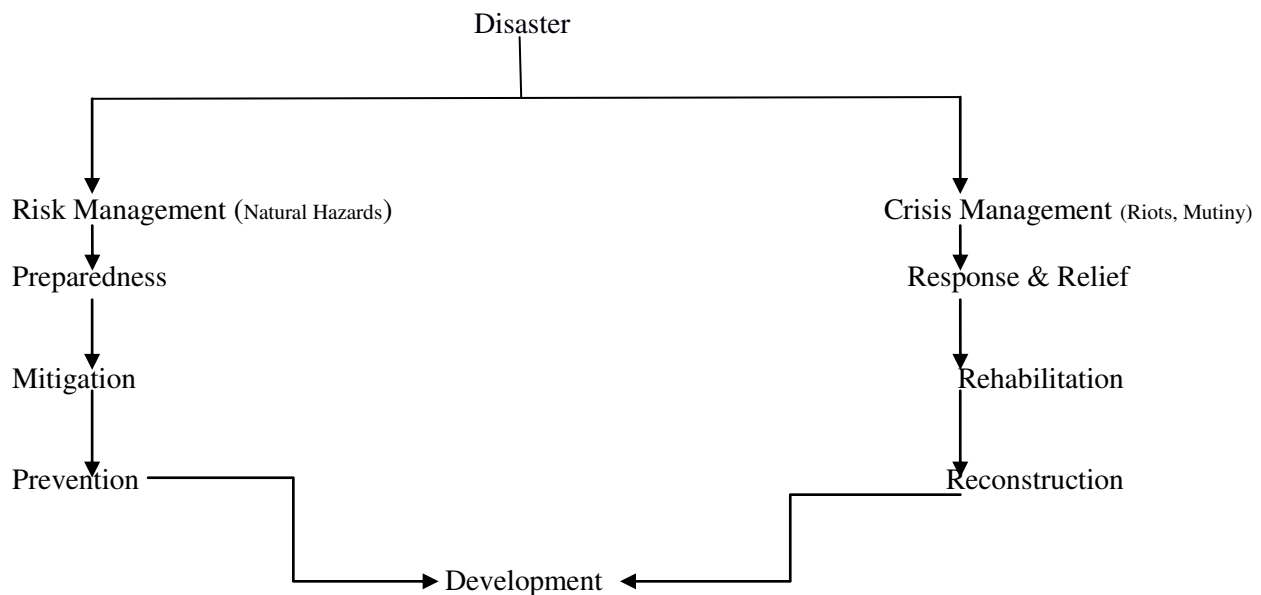
EOC is the backbone of disaster management section. Important activities like early warning dissemination, close monitoring of a disastrous situation, deployment of various response team, communicating with different stakeholders and higher authorities during crisis period etc. is performed from this wing. So disaster management section without an EOC is just like an aircraft without a pilot.

Keeping all these things in mind, recently we have refurbished our DEOC before the commencement of monsoon with state-of-the-art equipments like digital display board for run time water level monitoring, two dedicated computer system of having high performing capability, microphone with speaker for spreading alert message etc. To run the district control room smoothly during emergency, senior officials like O/C, DDMO, SSOI (civil defence), Disaster Professional and other volunteers from civil defence are available and perform their duty for extended period. Normally our DEOC and control room runs 24X7 hours during rainy season and rest of the year it follows the office hours. Following activities are performed in our DEOC in general:

Normal Period	<ul style="list-style-type: none"> • Receive routine information from block and municipality level. • Distribute relief materials to the block in advance. • Ensure proper dissemination of information of district control. • Identify manpower belongs to different stakeholders, NGOs, Corporate sectors and line department with contact number and address to form a team. • Monitor preparedness measures of the blocks by visiting the places. • Organise monthly meeting with the block level personnel for their progress. • Maintain a proper database for all the resources like relief materials, trained
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	<p>manpower, technical instruments etc.</p> <ul style="list-style-type: none"> • Updation and Enrichment of DM plan in a proper way. • Identification of vulnerable area in terms of intensity of a catastrophe to put extra effort to save life and property. • Monitoring stock of relief materials periodically.
Emergency Period	<ul style="list-style-type: none"> • Keep constant watch on weather report and dissemination the same in the form of radiogram to the various block and municipality. • Produce CA-II report to the higher authority periodically. • Deploy different trained manpower and force to the vulnerable places as and when required. • Keep contact with the relief camp time to time and meet their need. • Keep close contact with different line departments and other stakeholders like NGO, CBO etc.

The disaster management flowchart works in the following way:



Inter Agency Group (IAG)

Inter Agency Group is a common platform to share thoughts and views of different govt. and non govt. organizations that are attached with various disaster risk reduction activities. In a nutshell it is the bridge between govt. sectors and non govt. organization. Our state level IAG was formed in the year 2014 and started the journey. Now it is running successfully and it has approximately 120 members at present from different sectors like Ham radio operator, members of various NGO's, Police dept., NDRF personnel, DDMO, SDDMO, BDMO etc. Among them, we have identified those organizations that are long been working in our area at Alipurduar from grass root level and made a database of them with the sector they are working for because different NGO's are working in different arena and hence their potentiality varies. Some of them work only for the children, some are working for environment and health hazard, some are in social activities and some are attached with entire DRR activities. This database guides us to take prompt decision to select the expert group without wasting time.

Organization	Area of expertise	Contact person
PRISM	Disaster Risk Reduction, School safety, Health hazard.	Anirudhdha De-9748107612 Nita Dhar-9832664896
CASA	DRR activities, child safety issues.	Animesh Mazumdar-8145523347 Debojyoti Chakravorty-9433190122
DPGBS	DRR activities.	Pritwish Karmakar-9733142464
Rural Aid	Community awareness.	Manik Dhar-8509391010
Mahila Sishu Suswastha Suchetana Org. (MSSO)	Women health awareness and empowerment	9733272943
Lok Kalyan Parishad	Social welfare	9641608940
BIRPARA WELFARE ORGANIZATION	Social welfare	Indrajit Dey- 9832515736
JALDAPARA-MADARIHAT WELFARE ORGANIZATION	Social welfare	Sugam Goutam -9734024747
NEST	Environmental activities	Kallol Dey- 9733120504

Incident Response System (IRS)

While efforts have been made towards responding disasters to the best of available resources, the analysis of various responses indicated the following lacunas.

1. Lack of systematic planning process.
2. Weak chain of command and supervision of response activity.
3. Lack of proper communication plan and inefficient use of available resources.

4. Want of coordination between first responders, duty officers and NGOs with specialized skills during the response phase.

Incident Response System aka IRS is a built-in in-house mechanism which reduces the burden of responsibilities from the shoulder of a particular task force by distributing the actions to different expert group, called Incident Response Team, depend upon the nature and magnitude of a particular disaster. The basic characteristics of IRS is

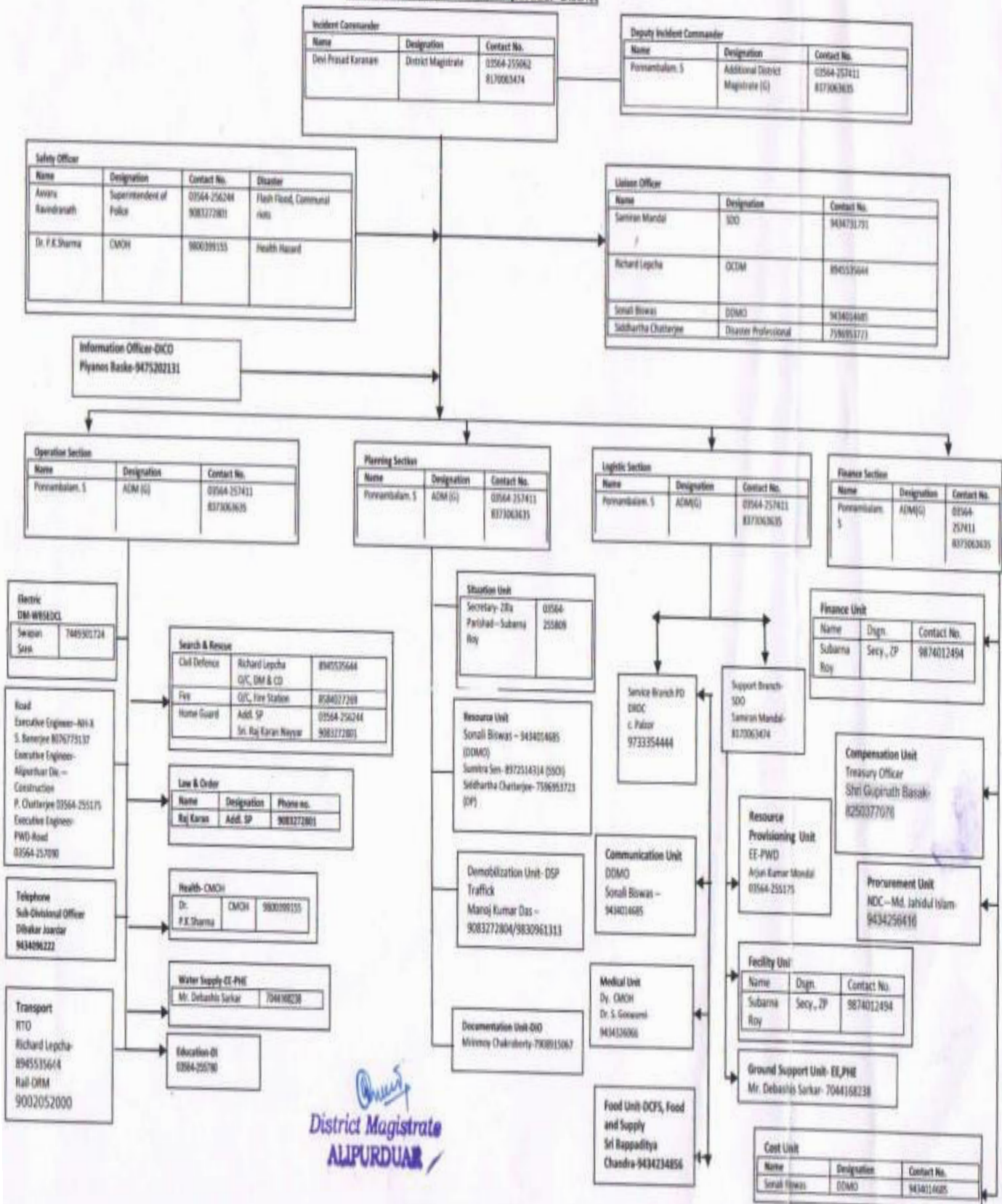
1. It is a flexible system and only those sections may be activated which are required to meet the situation.
2. It incorporates all the responsibilities and activities through a well-designed chain of command and strictly follows the top-down approach.
3. It select all the officers required for a particular scenario and get them trained.

IRS is a concept whereas IRT is executable and actionable. It comprises of various officers:

- i) INCIDENT COMMANDER- Command and control of the specific response team.
- ii) OPERATIONS SECTION CHIEF- Supervision and Performance of different tactical actions required for disaster response.
- iii) PLANNING SECTION CHIEF- Collection, analysis of data, working out the resource requirement and preparing an action plan.
- iv) LOGISTIC & FINANCE SECTION CHIEF - Providing logistic support, procurement, maintaining accounts and ensuring cost effectiveness.

We have formed IRT at different administrative levels such as District, Sub-division and Block.

INCIDENT RESPONSE TEAM- Alipurduar District



We have also distributed a dedicated SIM card, received from the end of state authority, among various officials in District, Sub-Division and Block levels to the following persons for the purpose of disaster management for running IRT properly.

Level	Officials
District	DM ADM O/C, DMS DDMO
Sub Division	SDO SDDMO
Block	BDO BDMO

Important Contact Number

DISTRICT AUTHORITIES ALIPURDUAR

Sl.No.	Name	Office	Resident /Mobile
01	D.M. Alipurduar	03564-255062(O)	03564-256392 / Mobile:8170063474/
02	A.D.M., (G) Alipurduar	Tel : 03564-257411	03654-255041(R) / Mobile:9002057061
03	A.D.M.,DLLRO, Alipurduar	Tel:03564-257531	Mobile:9434043239
04	P.O. D.W.O,Alipurduar	Tel:03564-255308	Mobile:9475832968
05	S.D.O. (Sadar) Alipurduar	Tel : 03564-256391	Mobile:9434739791
06	O/C. Disaster Management Section, Alipurduar.	Tel :03564-253637 /03564-257336	Mobile:8945535644

Sl No.	Name	Office	Resident /Mobile
07	Superintendent of Police Alipurduar	Fax : Tel :	Mobile: 8170060001/9083272800
08	Addl. Superintendent of Police, Alipurduar	03564-256244	Mobile:8170040003/9083272801
09	Superintendent ,. Correctional Home, Alipurduar	03564-255127	
10	S.D.P.O.,Jaigaon	03564-255051	Mobile:9083272803
11	S.D.P.O.,Alipurduar		Mobile:8170040005/9083272802
12	Police Wireless, Alipurduar	03564-255005	
13	I.C. Alipurduar, P.S	03564-255100	Mobile: 9874117171 / 9647716131
14	O.C., Kalchini, P.S	03566-240100	Mobile:9733306366/9933408976
15	I.C. Jaigoan P.S	03566-263200	Mobile:8145900701/9647801146

16	O.C. Hasimara Out Post	03566-255028	Mobile:9874651548/9832401231
17	O.C. Birpara P.S	03563-266053	Mobile:8170047558/9932041828
18	I.C. Falakata P.S	03563-260242	Mobile: 9735997509/9733236200
19	I.C.Kumargram P.S	03564-252224	Mobile:9434145260/9593310662
20	O.C. Barobisha Out Post	03564-263344	Mobile:9051220303/9932906858
21	O.C. Samuktala P.S	03564-240300	Mobile:9932689473/8906654921
22	O.C.Madarihat P.S.	03563-262223	Mobile:9002772777/9732342603
23	O.C. Kamakhyaguri out Post	03564-260730	Mobile:8116489584/9734165376

ALIPURDUAR DISTRICT

SI No	NAME	TELEPHONE NO		
		Office Phone no	Residence	Mobile No
1.	District Magistrate, Alipurduar	03564-255062(O)	03564-256392 (R)	8170063474
2.	Additional DistrictMagistrate,(G) Alipurduar	03564-257411(O)	03564-255041 (R)	9002057061
3.	Additional District Magistrate, Zilla Parishad Alipurduar			9933155310
4.	Additional District Magistrate, DLLRO,Alipurduar	03564-257531(O)		9434043239
5	Chairman, Alipurduar Municipality	03564-255580		9434004771
.6.	Vice Chairman,Alipurduar Municipality	03564-255580		9434213619
7.	Sub-Divisional Officer(Sadar) Alipurduar	03564-256391(O)		9434739791
8.	Project Officer, DWO, Alipurduar.	03564-255308(O)		9475832968
9	DPRDO			9434256416
19.	Sonali Biswas,DDMO, Alipurduar	03564-253637		9434014685
20.	BDO,Alipurduar-I	03564-246249		7797864100

21.	BDO,Alipurduar-II	03564-255225		7797864200
22.	BDO,Kumargram	03564-252239		7797864300
23.	BDO,Falakata	03566-246250		7797864000
24.	BDO,Madarihat-Birpara	03563-260238		7797863900
25.	BDO,Kalchini	03566-240205		9434746850
26.	District Controller of Food & Supply	03564-255655		9851899677

Sl No	NAME	TELEPHONE NO		
		Office Phone no	Residence	Mobile No
27.	Officer-in-Charge, Fire Station Alipurduar.	03564-255101		8584027269
28.	Sr. Staff Officer, Civil Defence, Alipurduar.	03564-257091		8972514314
29.	Dy. Director ARD, Jalpaiguri Animal Husbandry Deptt.	03561-230758/03561-230872/03564-274397		9433450638
30.	DI of School, Alipurduar.	03564-255780		9434405097
31.	Executive Engineer, Irrigation, Alipurduar.	03564-255305(O)	03564-255465	9434347258
32.	Executive Engineer, PWD, Alipurduar Division	03564-255175		9474340907
33.	Executive Engineer, NH-10-Divn. Alipurduar	03564-275164		7585901101
34.	CMOH, Alipurduar	03564-256201		9434462745
35.	ACMOH Alipurduar	03564-55009		8768813914
36.	Superintendent of Alipurduar Hospital.	03564-255085 03564-255102		9641806727
37.	Dy. Director of Agril (Admn) Alipurduar	03564-255043		9232556209
38.	Assistant Engineer(A-I) Alipurduar (Agri-Mech) Sub-Division	03564-256853		
39.	Asstt. Engineer, \PHE, Alipurduar	03564-255200	03564-255949	9434366190
40.	D.M. WBSEDCL, Alipurduar	03564-255582/ 256067	03564-255664 /251733(F)	9732465391
41.	Biswajit Das, D.E. WBSEDCL, Alipurduar	03564-255582 03564- 256067		9735025349 9434887613

42.	BDMO,Alipurduar-I	03566-246297(O)		9733086584
43.	BDMO, Alipurduar-II	03564-224286(O)		9932284314
44.	BDMO,Kumargram	03564-252239(O)		9564559404
45.	BDMO,Kalchini	-----		9434603948
46.	BDMO,Falakata	03563-260238(O)		9475477184
47.	BDMO,Madarihat-Birpara	03563-262573(O)		9647826172
48.	Telephone InquirySDO(Telephone)BSNL,APD	03564-255000/255511		
49.	SDO, Alipurduar, Investigation Sub-Division.	03564-255429(O)		9434491657
50.	SDO,Irrigation,Sub-Division, Alipurduar	03564-255122(O)		9434256049
51.	SDO, Kamakhyaguri Irrigation-Sub-Division	03564-260335(O)		9434256049
52.	SDO,Banarhat,Irrigation,Sub-Division	03563-252028(O)		9434340964

CONTROL ROOM PHONE NUMBER

SL. NO	NAME OF OFFICE /CONTROL ROOM	PHONE NUMBER	Mobile no.
1.	DM OFFICE , ALIPURDUAR	03564-257091	8945535644 9434014685
2.	BDO ALIPURDUAR-I	03564-246249	7797864100
3.	BDO ALIPURDUAR-II	03564-255225	7797864200
4.	BDO FALAKATA	03564-252239	7797864000
5.	BDO MADARIHAT-BIRPARA	03563-260238	7797863900
6.	BDO KALCHINI	03566-240205	9434746850
7.	BDO KUMARGRAM	03564-252239	7797864300
8.	ALIPURDUAR MUNICIPALITY	03564-257568/256134/258707	9434004771
9.	SP ALIPURDUAR	03564-255005	9547649706
10.	IRRIGATION DIVISION , ALIPURDUAR	03564-255305	9434347258
11.	CMOH , ALIPURDUAR	03564-256201	9434462745
12.	DISTRICT CONTROLLER , FOOD & SUPPLIES ,	03564-255655	9851899677

	ALIPURDUAR		
13.	DY. DIRECTOR , ANIMAL RESOURCES DEVELOPMENT DEPTT. , ALIPURDUAR	03561-230758/03561-230872/03564-274397	9433450638
14.	EXECUTIVE ENGINEER , PWD , ALIPURDUAR DIVISION	03564-255175	9474340907
15.	DEPUTY DIRECTOR OF AGRICULTURE (ADMN) ALIPURDUAR	03564-255043	9232556209/ 8348094673
16.	SDO TELEGRAPH , ALIPURDUAR	03564-255000/255345/255511	
17.	DIVISIONAL MANAGER, ALIPURDUAR(D) DIVISION , WBSEDCL	03564274860 (Alipurduar 132/66/11Kv) 03564260325 (Kamakhya 66/33/11KV) 03566255566 (Hasimara 66/11Kv) 03563260363 (Falakata 33/11KV) 03564252380 (Kumargram 33/11KV) 03564200013 (Kartika 33/11KV) 9775761297 (Damanpur 33/11kvsbstn)	9732465391
18.	ASSISTANT ENGINEER , PHE DEPTT.		9493466190/ 9434234716
19	OFFICER IN CHARGE , ALIPURDUAR FIRE STATION	03564-255101/257503	8584027269
20	DI OF SCHOOLS	03564-255780	9434405097
21	CIVIL DEFENCE DEPTT.	03564-257091	8972514314

RELIEF AND RESCUE

Hidden potential of disaster management section is gauged by relief and rescue work. All the above mentioned activities will go in vain if there is no relief and rescue. After all, our aim is to protect life and property with our existing resources and capabilities. On the other hand, if at the end of the day we are unable to minimize the impact of a disaster, all the structural set up mentioned above, is meaningless. Therefore relief and rescue activities are equally important for disaster management activity. And so our civil defense section has acquired various state-of-the-art rescue materials like life jacket, sledge hammer, rope, ladder, helmet with and without led light, search light, floating buoy, INF boat, country boat etc. We have two inflatable emergency lights also which can help task force in search and rescue. A special feature of this light is it can run on petrol also. Drowning is a direct consequence of severe flood if the person does not know how to swim. Alipurduar is a

flood prone district and the thrust of flood increases during monsoon. Keeping this in mind, full SCUBA diving set has been acquired by civil defense. Apart from this, our quick response team network is very strong and active. QRT exist in the district level as well as in all the blocks. Always 10 to 15 young and enthusiastic team members are available in the district or block to face any crisis situation. Detail of our rescue items has been mentioned in the next chapter. This is all about our rescue part. In the case of relief work, our first priority is to check the stock of the materials kept in our individual godown periodically, say for example fortnightly and send the stock report to the state authority after compilation. Talking about relief materials, it mainly includes non-perishable items like tarpaulin, child garments, wrapper, dhoti, saree, disaster management kits, blanket etc. and distributed throughout the year. Beside this, some special items like rice, chira, gur, baby food, medicine etc. are also provided as a relief measure during emergency period in the relief camps whenever necessary. All these food stuffs are perishable and that is why they are not kept in the godown to save from expiry.

Chapter 6

PREPAREDNESS MEASURE

Our strength/capacity

Block	Hospitals (Govt.)	Flood shelter (temporary and permanent)	Boat owners	Helipads (temporary and permanent)
Alipurduar Municipality	01	19	02	01
Alipurduar-I	03	20	08	11
Alipurduar-II	04	50	14	09
Kumargram	01	60	07	05
Madarihat-Birpara	02	35	Nil	09
Kalchini	01	42	Nil	11
Falakata	01	15	Nil	10
TOTAL	13	241	31	56

List of health centers having anti-venom for snakebite patients

Name	Location	Contact
Alipurduar District Hospital	Alipurduar	9733353616
Birpara SGH	Birpara	9800784321
Madarihat BPHC	Madarihat	9732020611
Uttar Latabari BPHC	Kalchini	9830797316
Panchkolguri BPHC	Alipurduar 1	9733541776
Josadanga BPHC	Alipurduar 2	9932343817
Kamakshyaguri BPHC	Kumargram	9832317252
Falakata RH	Falakata	8967659080
Bhatibari RH	Bhatibari	9002570699

List of hospital and nursing homes with contact no:

Name	Location	Contact number
Alipurduar DH	Alipurduar	9733353616
Birpara SGH	Birpara	9800784321
Madarihat BPHC	Madarihat	9732020611
Uttar Latabari BPHC	Kalchini	9830797316
Panchkolguri BPHC	Alipurduar 1	9733541776
Josadanga BPHC	Alipurduar 2	9932343817
Kamakshyaguri BPHC	Kumargram	9832317252
Falakata RH	Falakata	8967659080
Bhatibari RH	Bhatibari	9002570699
Railway Hospital APD JN	Alipurduar JN	9002052502
SAMUKTALA PHC	SAMUKTALA	9831414810
SHILBARIHAT PHC	SHILBARIHAT, Alipurduar 1	9831001626
Jaigaon PHC	Jaigaon, Kalchini	9804864917
Totopara PHC	Totopara, Madarihat	9775494334
Maa Seva Nursing & Diagnostic Centre	Alipurduar	9233474562
Greenland Nursing home Pvt. Ltd	Alipurduar	9434005116
St Mary nursing Home	Alipurduar	3564255177
Dooars Nursing Home	Birpara	9547307085
Maa Nursing Home	Birpara	8972472027
Jeevan Suraksha Nursing Home	Birpara	98326978843
Varsha Nursing Home	Falakata	8348248111

List of Medical Van having First Aid facility with contact no.

Car Number	Area Served	Medical equipment and facility	Contact person
WB06c 7258	Madarihat	List of equipment - Examination Table with steps, Torch, Stethoscope, BP apparatus, Clinical Thermometer, Weighing machine, Knee hammer, Measuring tape, Cold storage (vaccine carrier), ENT and examination kits, First aid kit, Resuscitation kits, Hemoglobinometer, Uristix, Microscope, Disposable Syringes and needles, Suture instruments and material, needle cutter, Vaginal specula, Water storage device.	Mantu Mandol 8348587501
WB 62A-9185	Kalchini		Bijan Dey - 9735064421
WB 64D-0077	Kalchini & Madarihat		Bijan Dey - 9735064421
WB 74H-4227	Madarihat		Krishna Dey Sarkar - 9733396808
WB 74X-2929	Kumargram & APD II		Litan Saha - 9733209848

Block/Municipality profile

	Area (km ²)	Population (2011 census)	Population Density (per km ²)	Literacy rate (%)	No. Of GP/ Ward	No. of Gram Sansad	No. Of polling station	No. Of Tea Garden	No. Of SSK	No. Of MSK	No.of Primary school	No. Of High School	No. Of ICDS centre
Alipurduar-I	225.56	2,06,151	913.93	67.71	11	155	251	03	64	07	137	30	378
Alipurduar-II	312.26	2,18,272	699	67	11	161	183	04	83	10	248	21	21
Madarihat- Birpara	380.96	2,02,068	530	59.57	10	139	167	18	86	06	100	46	565
Kalchini	892.57	2,79,652	313	60.39	11	193	228	21	88	04	114	38	776
Falakata	354.28	2,90,457	820	63.93	12	176	241	06	110	14	160	42	462
Kumargram	501.12	1,99,609	391	64.79	11	107	180	10	64	10	127	38	533
Alipurduar Municipality	9.57	65,232	681.6	83.42	20	---	58	---	---	---	34	11	76

MADARIHAT-BIRPARA

1	Geographical Area	380.96Km ²
2	Total population	202068
3	Density of population	530/sq km
4	Male population	101576
5	Female population	100490
6	Percentage of Male population	50.26%
7	Percentage of Female population	49.73%
8	Sex ratio	1000:989
9	Scheduled Caste population	28813
10	Male SC population	14406
11	Female SC population	14407
12	Percentage of SC population	14.25%
13	Scheduled Tribe population	78314
14	Male ST population	38975
15	Female ST population	39339
16	Percentage of ST population	38.75%
17	Literate population	120391
18	Male Literate population	67717
19	Female Literate population	52674
20	Percentage of Literate population	59.57%
21	Percentage of Male Literate population	66.66%
22	Percentage of Female Literate population	52.41%
23	Birth rate	
24	Death rate	
25	Mortality rate	
26	Total No. of Gram Panchayats	10
27	Total No. of Gram Sansads	139
28	Total No. of polling stations	167
29	Total No. of Tea Gardens	18
30	Total No. of Police Stations	02
31	Important establishments	ADA Office, BL&LRO Office, BLDO Office, CDPO Office, ALC Office, Power Grid, WBSEDCL (Transmission). Etc.
32	Total No. of Police Outposts	Nil
33	No. of Primary Schools	100
34	No. of Jr. High & High Schools	46
35	No. of Polling Stations	167
36	No. of ICDS Centers	565
37	No. of SSK	86
38	No. of MSK	06
39	No. of Tube-Wells	
40	No. & Name of PHC	03
41	Total No. of Hospitals	02
42	No. of mobile medical van	Nil
43	Total No. of Flood Shelter	02
44	Percentage of agricultural land	20.91%

VULNERABLE GRAM PANCHAYAT AND VILLAGES FOR FLOOD -2018(WITH ANIMAL POPULATION AT RISK)

Animal Population of high Risk	Name of the G.P.	Name of the Vulnerable villages
2175	Totopara-Ballalguri	Ballalguri
9100	Madarihat	Uttar Khairbari, Purba Khairbari, Uttar Madarihat
3500	Khairbari	Islamabad, D/Khairbari, M/Chhekamari, Pas/Madarihat, D/Madarihat
4500	Rangalibazna	U/Rangalibazna, D/ Rangalibazna, M/ Rangalibazna
2075	Sishujhumra	Sishujhumra, Sarugaon
500	Bandapani	Garochira-Bandapani
600	Birpara-II	Dalmore Garobasty
2600	Lankapara	Lankapara Khas, Lankpara Bazar
2130	Birpara-I	Debishimul
2500	Hantapara	Gargenda, Dhumchi & Hantapara

STAFF PATTERN OF A.R.D. DEPTT.

BLOCK LEVEL :

Sl No.	Name of Officer & Staff	Designation	Contact No.
1	Dr. Kousik Chakraborty	B.L.D.O	7586096260
3	Sri Dhiren Mahali	Attendant	9474059977

GRAM PANCHAYAT LEVEL:

Sl. No.	Name of G.P.	Name of Officer & Staff	Designation	Contact No.
1	Madarihat	Dr. A.M. Gaji	V.O.	8481964024
		Abdul Mannan Rahaman	LDA	9635370445
2	Hantapara	No staff	Not applicable	
3	Totopara-Ballalguri	Sri Shyam Charan Roy	LDA	9641452170
		Sri Bhagirath Toto	SCNW	9547271887
4	Rangalibazna	Dr. Sourav Mahanty	V.O	9681429435
		Sri Subhas Majumder	LDA	9434810018

		Sri Arindam Mridha	Pharmacist	8768658197
5	Khairbari	Sri Gopal Chandra Das	LDA	9434367752
6	Sishujhumra	Sri Parimal Sarkar	LDA	9733230210
7	Birpara - I	Dr. Amal Kisku	V.O	9732213447
		Sri Amal Maji	Pharmacist	9647106124
8	Birpara - II	Lutfar Rahaman	LDA	9635265632
9.	Bandapani	No Staff	Not applicable	
10	Lankapara	No staff	Not applicable	Not applicable

Early Information : To be provided by the staff at G.P. Level along with G.P. Office staff (Village Level).

Rescue of Animals :: Animals to be rescued by village level Rescue Team and rescued animals to be kept side by side to the rescued human population. It is assumed that one-fifth of the animal population may be affected due to flood-like situation. It is likely to be supplied with straw and concentrate to the affected will be 6190 nos. of animals. Therefore, the requirement of straws = 37140 kgs (@ 2 kgs/day/animal for 3 days) and Requirement of concentrate = 9285 kgs. (@ 500 gr./ day/ animal for 3 days) Staff of ARD Department at G.P. Level are instructed to immediately the source of paddy straw with the help of ADO's Office, Madarihat and for concentrate, DD, ARD & P.O. is requested to make available sufficient quantity of cones in store. For First-Aid and Medicines, DD, ARD & PO, Jalpaiguri is requested to make available required medicines in store. Sufficient vaccines for emergency purpose is already present in this block.

BLOCK LEVEL EVACUATION PLAN - FOR ANY NATURAL CALAMITY
UNDER MADARIHAT-BIRPARA BLOCK IN THE DISTRICT OF ALIPURDUAR

Sl. No.		Name of Police Station	Name of Vulnerable areas	Location	Name of Rescue Centre	Location	Name of the Para / Lane from where people will come here	No. of people likely to be affected	Shortest route to be used by the concerned villagers
1	Madarihat N- 26° 43' 23.8" E- 89° 16' 55.07"	Madarihat P.S	Uttar Khairbari	N- 26° 43' 23.8" E- 89° 16' 55.07"	Shanti Pry. School	N- 26° 43' 51.77" E- 89° 16' 24.01"	Uttar Khairbari	250 nos.	Hantapara -Madarihat Route
			Purba Khairbari	N- 26° 43' 23.7" E- 89° 16' 55.05"	Radha Krishna Pry. School	N- 26° 43' 23.04" E- 89° 16' 38.00"	Purba Khairbari	200 nos.	Hantapara -Madarihat Route
			Uttar Madarihat	N- 26° 43' 23.4" E- 89° 16' 55.01"	Flood Shelter (Govt.)	N- 26° 43' 31.05" E- 89° 16' 37.09"	Uttar Madarihat	150 nos.	Hantapara -Madarihat Route
			Madhya Khairbari	N- 26° 43' 31.00" E- 89° 16' 37.02"	Uttar Khairbari ITDP Pry School	N- 26° 43' 23.02" E- 89° 16' 55.08"	Madhya Khairbari	175 nos.	Hantapara -Madarihat Route
			Uttar Chhekamari	N- 26° 43' 30.00" E- 89° 15' 58.08"	Uttar Chhekamari Pry School	N- 26° 42' 31.01" E- 89° 15' 30.03"	Uttar Chhekamari	150 nos.	Railway gate- Saw Mill Route
			Jamtala Bazar	N- 26° 44' 09.03" E- 89° 16' 10.07"	Santi Pry. School	N- 26° 42' 31.01" E- 89° 15' 30.03"	Jamtala Bazar	200 nos.	Hantapara -Madarihat Route
			Khalpara W.No.2	N- 26° 41' 35.00" E- 89° 16' 51.00"	Madarihat High & Pry School	N- 26° 42' 31.01" E- 89° 15' 30.03"	Khalpara W.No.2	400 nos.	Mdt Play ground-PWD Road
			Madarihat Chowpati	N- 26° 41' 25.02" E- 89° 16' 44.00"	Madarihat High & Pry School	N- 26° 42' 31.01" E- 89° 15' 30.03"	Madarihat Chowpati	250 nos.	NH-31 - PWD Road

2	HANTAPARA N- 26° 41' 25.02" E- 89° 16' 44.00"	MADARIHAT P.S	Dhumchi	N- 26° 45' 13.09" E- 89° 14' 00.09"	Dumchipara T. G. Pry. School	N- 26° 45' 02.03" E- 89° 14' 10.00"	Dhumchi	200 nos.	Factory Line Road
			Garganda TG	N- 26° 45' 15.10" E- 89° 14' 12.09"	Garganda TG Pry School	N- 26° 45' 10.03" E- 89° 14' 15.00"	Garganda TG	150 nos.	Factory Line Road
3	KHAIRBARIElev. - 83 mN- 26° 40' 21.09"E- 89° 13' 52.02"	Madarihat P.S	Konapara under D/KhairbariMouza	Elev.- 84 mN- 26° 40' 22.09"E- 89° 12' 54.07"	D/ Khairbari ICDS Centre.	Elev. - 89 m N- 26° 40' 33.01"E- 89° 12' 51.09"	Konapara under D/KhairbariMouza	175 nos.	NH-31 at Rangelibazna Bazar - Deogaon Z.P.Road
			Islamabad	Elev.- 84 m N- 26° 40' 22.07" E- 89° 12' 54.06"	Khidirpur High Madrasha	Elev. - 89 m N- 26° 40' 33.09" E- 89° 12' 51.14"	Islamabad	400 nos.	Islamabad Playground - Z.P.Road
			Purba Madarihat	Elev.- 87 m N- 26° 39' 12.03" E- 89° 16' 11.02"	Vivekananda Bidyapith	Elev.- 87 m N- 26° 39' 12.05" E- 89° 16' 11.12"	Purba Madarihat	180 nos.	Falakata-Madarihat Road
			Paschim Madarihat	Elev.- 84 m N- 26° 38' 21.09" E- 89° 14' 04.03"	Paschim Madarihat Pry. School	Elev.- 84 m N- 26° 38' 21.10" E- 89° 14' 04.05"	Paschim Madarihat	100 nos.	Salamandal - P/Khairari Panchayat Road.
			M/Madarihat	Elev.- 90 m N- 26° 41' 07.08" E- 89° 16' 26.08"	M/ Madarihat Pry. School	Elev.- 90 m N- 26° 41' 07.09" E- 89° 16' 26.10"	M/Madarihat	250 nos.	Madarihat-Falakata Road

4	Rangalibazna G.P.Elev - 74 mN- 26° 41'03.06"E- 89° 12'07.09"	Madarihat P.S	Moktarpur	ELEV- 80 mN- 26° 37'01.01"E- 89° 10'42.02"	Moktarpur Pry School	ELEV-94 mN- 26° 42'26.03"E- 89° 13'40.02"	Moktarpur	200 nos.	NH-31 to P.S.Road
			Navipur	ELEV- 87 m N- 26°40' 02'00" E- 89° 11'47.03"	Dakshin Rangalibazna BFP School	ELEV- 84 m N- 26°40' 12.05" E- 89° 11'12.03"	Navipur	250 nos.	Hospital Road to Navipur
			Chapaguri	ELEV- 90 m N- 26°41' 32.3" E- 89° 11' 37.00"	Madhyapara MSK	ELEV- 83 m N- 26°40' 02.02" E- 89° 11' 22.05"	Chapaguri	150 nos.	Railway gate- Gopalpur T.G. Road
			Khidirpur	ELEV- 75 m N- 26°41' 15.02" E- 89° 11' 32.5"	Pradhanpara Chapaguri Pry. School	ELEV- 81 m N- 26°41' 34.06" E- 89° 11' 32.9"	Khidirpur	200 nos.	Railway gate- Gopalpur T.G. Road
			Daulatpur	ELEV- 80 m N- 26°40' 24.7" E- 89° 11' 19.6"	Ambari MSK	ELEV- 95 m N- 26°41' 26.06" E- 89° 11' 26.09"	Daulatpur	300 nos.	Mill Chowpathi at NH-31 - Karaibari Road
			Debendrapur	ELEV- 82 m N- 26°40'16.02" E- 89° 02' 50.3"	Dhumchi Haripur ITBP Pry School	ELEV- 104 m N- 26°42'19.06" E- 89° 10' 02.02"	Debendrapur	100 nos.	NH-31 toDhumchi- Haripur PanchayatRoad
			Manipur	ELEV- 81 m N- 26°41' 01.01" E- 89° 12' 23.09"	Khidirpur High Madrasha	ELEV- 75 m N- 26°41' 12.5" E- 89° 11' 34.00"	Manipur	100 nos.	Sishubari Chowpathy - Sishubari Bazar Road

			Raipur	ELEV- 83 m N- 26°41' 17.03" E- 89° 12' 55.4"	Raipur Pry. School	ELEV- 83 m N- 26°41' 17.07" E- 89° 12' 55.6"	Raipur	125 nos.	Rly gate - Mujnai T.G. Road
5	Birpara-I RL-119 mN-26° 43' 07.3"E- 89° 08' 05.11"	Birpara P.S.	Birbity Busty	RL-109 mN- 26° 43' 16.8"E- 89° 07' 59.6"	Birpara Nepali H.S. School	RL-106 mN- 26° 42' 42.5"E- 89° 08' 18.5"	Birbity Busty	100 nos.	PWD Road - College Road
			Subhash Pally	RL- 109 m N- 26° 43' 7.1" E- 89° 08' 4.9"	Birpara High School	RL- 119 N- 26° 42' 24.7" E- 89° 08' 18.5"	Subhash Pally	50 nos.	PWD Road - College Road
			College Para	RL-119 m N-26° 43' 07.5" E- 89° 08' 05.1"	Birpara College	RL-111m N- 26° 42' 30.8" E- 89° -08' 19.9"	College Para	50 nos.	PWD Road - College Road
			Indira Colony	RL-119 m N-26°43' 15.6" E- 89° 08' 52.7"	Nepali High School	RL- 121 m N- 26° 43' 16.8" E- 89° 07' 59.1"	Indira Colony	50 nos.	PWD Road - College Road
6	Birpara-II Elev. 159 M N- 26° 44' 32.9" E- 89° 10' 35.5"	Birpara P.S.	Dalmore Garo Busty	Elev. 156 M N- 26° 44' 35.8" E-89° 09' 51.4"	Deoralli Club play ground	Elev. 152 M N- 26° 44' 36.3" E- 89° 09' 50.7".	Dalmore Garo Busty	125 nos.	Gomtu More-Makrapara Road

7	Bandapani EL- 155 M N- 26° 46'05.4" E- 89° 06'20.9"	Birpara P.S.	Sukti Division within Makrapara T.G	Elev. 224 M N- 26° 47' 26.00" E- 89° 10' 27.00"	Makrapara TG Pry School	Elev. 224 M N- 26° 47' 26.02" E- 89° 10' 27.08"	Sukti Division within Makrapara T.G	150 nos.	Sukti Division-Makrapara T.G. Road
			Dalmore	Elev. 159 M N- 26° 44'32.9" E- 89° 10' 35.5"	Dalmore TG Pry School	Elev. 159 M N- 26° 44'32.9" E- 89° 10' 35.5"	Dalmore	300 nos.	Lanka-Pagli Bhutan Road
			Banshbari Line	Elev. 159 M N- 26° 44' 54.6" E- 89° 10' 21.00"	Bansbari Private School	Elev. 159 M N- 26° 44' 54.9" E- 89° 10' 21.12"	Banshbari Line	250 nos.	DalmoreTG -Banshbari Pachayat Road
			Garochera Busty, 14/4	EL- 242 m N- 26° 47'57.7" E- 89° 9'31.14"	Garochira Spl. Cadre Pry. School	EL- 242 m N- 26° 47'57.9" E- 89° 9'31.4"	Garochera Busty,	185 nos.	Bundapani TG- Garochera Panchayat Road
			Bundapani T.G., 14/2 & 14/3	EL- 178 m N- 26° 47'22.2" E- 89° 07'3652 "	Bundapani TG Pry. School	EL- 178 m N- 26° 47'22.4" E- 89° 07'36.2 "	Bundapani T.G., Part No. 14/2 & 14/3	150 nos.	Bundapani PWD Road
			Nepania Division under Dheklapara T.G. 14/7	EL- 129 M N- 26° 47' 32.5" E- 89° 07' 16.9"	Nepani Dvn. Pry. School	EL- 129 M N- 26° 47' 32.6" E- 89° 07' 16.5"	Nepania Division under Dheklapara T.G. Part 14/7	150 nos.	Jaybirpara TG-Nepani Pachayat Road

			Joybirpara 14/5	EL- 153 M N- 26° 45'19.4" E-89° 06'31.10"	Joybirpara Pry. School	EL- 153 M N- 26° 45'19.5" E-89° 06'31.0"	Joybirpara 14/5	200 nos.	Jaybirpara TG- PWD Road
			Dheklapara 14/6	EL- 155 M N- 26° 46'05.5" E- 89° 06'20.19"	Dheklapara Pry. School	EL- 155 M N- 26° 46'05.4" E- 89° 06'20.9"	Dheklapara 14/6	150 nos.	Bandapani GP-Factory Line Road
8	Sishujhumra G.P. Elev.- 123m N- 26° 42'44.9" E- 089° 04' 57.6"	Birpara P.S.	Machhuadhura	Elev. 110 M N- 26° 42' 58.5" E-089° 05'22.6"	Howradhura SSK	Elev. 110 M N- 26° 42' 58.9" E-089° 05'22.11"	Machhuadhura	100 nos.	Ethelbari Crossing - Rahimpur T.G. Road
			Rahimpur TG	Elev. 122 M N- 26° 43' 15.9" E- 089° 05' 20.1"	Rahimpur TG Pry School	Elev. 120 M N- 26° 43' 15.4" E- 089° 05' 19.8"	Rahimpur TG	200 nos.	Ethelbari Crossing - Rahimpur T.G. Road
			Sarugaon Busty	Elev. 135 M N- 26° 44' 43.1" E- 089° 05' 29.7"	Sarugaon No. 3 Pry School	Elev. 135 M N- 26° 44' 43.8" E- 089° 05' 29.5"	Sarugaon Busty	250 nos.	Rahimpur TG-Sarugaon Pachayat Road
9	Lankapara G.P. 304 Elev. N- 26° 48'14.3" E- 089° 14' 35.9"	Birpara P.S.	Lanka Khas Busty	Elev. - 240 m. N- 26° 47' 24.00 Sec E- 89° 12' 53.1 Sec	Lankapara Khas Pry.School, Lankapara Multipurpose Bldg.	1) Elev.- 250 m N- 26° 48' 58.00 Sec E- 89° 12' 21.1 Sec	Lanka Khas Busty	350 nos.	PWD Road-Lanka Khas Road

			Tulshi Khas Busty	Elev. - 260m N- 26° 46' 36.8 Sec E- 089° 11' 55.3 Sec	Tulsipara New D.P.E.P Pry.School	Elev. 271 m N- 26° 47' 20.9 Sec E.- 89° 12' 15.00 Sec	Tulshi Khas Busty	250 nos.	PWD Road-Tulsipara TG Road
			Lankapara Bazar	Elev. - 314 m N- 26° 48' 13.3 Sec E- 089° 14' 37.5 Sec	Lankapara High School, Lankapara BFP Pry.School & G.P Office	1) Elev.- 306 m N- 26° 48' 06.8 Sec E.- 89° 14' 39.5 Sec	Lankapara Bazar	500 nos.	Lanka Bazar - SSB Camp Road
			Lankapara T.G Factory	Elev.- 295 m N- 26° 47' 41.5 Sec E- 089° 13' 50.8 Sec	Lankapara Shivmandir SSK & School & Lankapara TG Office	Elev.- 290 m. N- 26° 47' 36.2 Sec E-89° 13' 34.3 Sec 2) Elev. 295 m N- 26° 46' 41.5 Sec E.-89° 13' 50.8 Sec	Lankapara T.G Factory	250 nos.	PWD-Lankapara T.G. Road
			Lankapara T.G S.B. Line, L.B. Line	Elev. 307 m. N- 26° 48' 16.00Sec E- 089° 14' 30.3 Sec.	Milan Club, ICDS Centre, & Community Hall	1) Elev.- 309 m N- 26° 48' 11.7 Sec E- 89° 14' 13.1 Sec 2) Elev.- 310 m N- 26° 48' 11.1 Sec E- 89° 14' 13.3Sec. 3) Elev.- 308 m N- 26° 48' 1.3 Sec E- 89° 14' 12.00 Sec	Lankapara T.G S.B. Line, L.B. Line	150 nos.	PWD-Lankapara T.G. Road
			Lankapara T.G 5 no. Line & 20 no Line	Elev. 286 m. N- 26° 47' 53.5 Sec E- 089° 14' 34.1 Sec	Lankapara High School, Himalayan Academy	2) Elev.-334 m E- 26° 48' 26.6 Sec E89° 13' 40.7 Sec	Lankapara T.G 5 no. Line & 20 no Line	100 nos.	PWD-Lankapara T.G. Road

9	Lankapara G.P. 304 Elev. N- 260 48'14.3" E- 0890 14' 35.9"	Birpara P.S.	Lankapara T.G S.K Line	Elev. 274 m N- 26°46" 25.4 Sec E- 89° 13" 05.8 Sec.	Lankapara ICDS Centre	Elev.- 297 m N- 26' 47" 37.2 Sec E- 89' 13" 36.1 Sec	Lankapara T.G S.K Line	50 nos.	PWD-Lankapara T.G. Road
			Lankapara Pratiman Line	Elev. 307 m N- 26° 47" 57.6 Sec E-89° 47" 55.6 Sec	Lankapara TG Pry School, & Lankapara TG Shanti Club	1) Elev.- 300m N- 26' 47" 67.4 Sec E- 89' 13" 18.4 Sec 2) Elev.- 308 m N- 26' 47" 57.6 Sec E- 89' 13" 17.2 Sec	Lankapara Pratiman Line	100 nos.	PWD-Shanti Club Road
			Ramjhora Bazar	Elev.- 218 m N- 26° 46" 10.4 Sec E- 89° 11" 57.3 Sec	Ramjhora Bazar Hindi High School	Elev.- 219 m N- 26° 46" 9.5 Sec E- 89° 11" 57.3 Sec	Ramjhora Bazar	250 nos.	PWD-Garganda T.G Road
			Ramjhora T.G	Elev.- 189 m N- 26° 45" 24.9 Sec E- 89° 12" 01.00Sec	Ramjhora TG Office.& Ramjhora TG Pry School	1 1) Elev.- 189m N- 26° 45" 24.5 Sec E- 89° 11" 57.3 Sec 2) Elev.- 190 m N- 26° 45" 23.5 Sec E- 89° 12" 01.0 Sec	Ramjhora T.G	200 nos.	Munda Line at PWD Road-Factory Line Road

10	TOTOPARA-BALLALGURI N- 26°39m 54.4 sec E- 89°18m33.6 sec	Madarihath P.S	Totopara	N- 26° 39m 54.8 sec E- 89° 18m33.6 sec	Dhanapati High School.	N- 26° 39' 54.4 sec E- 89° 18'33.6 sec	Totopara	400 nos.	Totopara - Z.P School.Road-
			D/Ballalguri	N- 26° 47m 06.5 sec E- 89° 17m 56.2 sec	D/Ballaguri Spl Cdr Pry.School	N- 26° 47m 06.7 sec E- 89° 17m 56.7 sec	D/Ballalguri	250 nos.	School Line Road
			Uttar Ballalguri	N- 26° 47m 49.11 sec E- 89°18m 29.13 sec	Uttar Ballalguri ITDP School	N- 26° 47m 49.1 sec E- 89°18m 29.3 sec	Uttar Ballalguri	275 nos.	PWD Road -Office Line Road

Sl.No	Name of officials with Designation	Address	Contact No.
1.	Smt. Chhunu Ghising, Savapati	Madarihat-Birpara P.Samity.	9547382706
2.	Sri Takdir Biswakarma, Sahakari Savapati	do	9734178361
3.	Sri Rajib Dasgupta, B D O	BDO's Office	7797863900/ 9434700380
4.	Sri Rajib Tarafdar, Jt.BDO-I	-do-	9932027107
5.	Sri Avijit Roy, Jt. BDO-II	-do-	9933672818
6.	Dr.Sabyasachi Mandal, BMOH	Madarihat BPHC	9832057061
7.	Dr. Kousik Chakraborty, BLDO	Madarihat	7586096260
8.	Dr.Abdul Majid Gaji, VS,	Madarihat G.P. Office	8481964024
9.	Assistant Director of Agriculture	Madarihat	9614174145
10.	Child Development Project Officer, ICDS Project	Madarihat	8170008379
11.	Station Manager, WBSEDCL, Madarihat	Madarihat	03563-262223
12.	Station Manager, WBSEDCL, Birpara	Madarihat	8348695216
13.	Sri Prabir Pramanik SAE(A.I)	-do-	9733139559
14.	Sri Prithwish Biswas, FFA	-do-	9038006606
15.	Sri Ranajit Ganguli, APO	-do-	8927093817
16.	Sri Kamaleshwar Adhikary, BWO	BDO's Office	9735986380
17.	Sri H.H.Gadyala, Insp., BCW	-do-	7797948125
18.	Sri Jyoti Chhetri, Karmadhyaksha, Purto Sthayee.Samity.	Madarihat-Birpara P.Samity.	9635402732
19.	Smt. S. Champramary, Karmadhyaksha, Sishu Nari Unnayan-O-Tran Sthayee Samity .	-do-	9735914017
20.	Md. Rasidul Alam, Opposition Leader	-do-	9609942458
21.	Sri Bhismadeb Barman, CI	BDO's Office	9735918656
22.	Sri Chandan Kar, Cashier	BDO's Office	9832362199
23.	Md. Jobedul Islam, Block Co-ordinator, TSC	Madarihat-Birpara P.Samity	9733345879
24.	Officer-In-Charge, Birpara Police Station	Birpara	8170047558
25.	Officer-In-Charge, Madarihat Police Station	Madarihat	8768634658
26.	Sri Bhairab Mandal Insp. F&S	Madarihat	9800394973

Particulars of rivers and extent of flood during the past years

Sl. No.	Name of the river	Areas affected in flood
1	Pugli	Lankapara Khas Basti, Tulsipara Khas Basti, Garochira Bandapani, Dalmore Garo Basti.
2	Howri	Lankapara Bazar, Ramjhora Bazar & Totopara.
3	Riti	Nepania & Sarugoan.
4	Dimdima	Elthelbari ,Dheklapara TG & Rahimpur TG
5	Ekti	Chapaguri, Malangi, Islamabad & M/Rangalibazna
6	Sukti	Debishimul (Birpara)
7	Mujnai	U/Rangalibazna, Pas/Khairbari, Dak/Khairbari, M/ Rangalibazna & D/Rangalibazna
8	Titi bangri	U/Khairbari , Pur/Khairbari , U/Madarihat , M/Khairbari & U/Chhekamari.

List of helipad sites

Sl.No.	Name of G.P.	Name of Helipad site(s)	Latitude & Longitude
1	Totopara-Ballalguri	Dhanapati Memorial High School Play Ground	N- 26 ⁰ 39' 54.4'' E- 89 ⁰ 18' 33.6''
2	Lankapara	Ramjhora Bazar Hindi High School	N. 26 ⁰ 46' 9.5'' E- 89 ⁰ 11' 57.3''
3	Madarihat	Madarihat Football Ground	N- 26 ⁰ 31.01' 89 E- 89 ⁰ 15' 30.03''
4	Rangalibazna	Sishubari High School Playground	N- 26 ⁰ 41' 26.06'' E – 89 ⁰ 11' 26.09''
5	Sishujhumra	Birpara Jubilee Club Playground	N- 26 ⁰ 42' 30.08'' E- 89 ⁰ 08' 19.9''
6	Birpara-I	Birpara College playground	N- 26 ⁰ 42' 42.5'' E- 89 ⁰ 08' 18.5''
7		Birpara High school playground	N- 26 ⁰ 42' 24.7'' E- 89 ⁰ 08' 18.5''
8		Deoralli Club Playground	N- 26 ⁰ 44' 36.3'' E- 89 ⁰ 09' 50.7''
9	Birpara-II	Garobusty ICDS Centre Playground	N- 26 ⁰ 44' 32.9'' E- 89 ⁰ 10' 35.5''

HISTORY OF HAZARDS CAUSED BY NATURAL CALAMITIES DURING THE LAST 6 YEARS.					
YEAR	DATE	NAME OF NATURAL CALAMITIES	DETAILED PARTICULARS	AFFECTED AREAS	MEASURES TAKEN INSTANTLY
2008	27.8.08 - 30.8.08	Heavy Rainfall	Charo river washed out cause way, and approach road measuring at least 50 mtr. Length damage by river Howri damage river bridge near Lankapara Bazar Some houses affected	Jungle Line under Bandapani GP Nepania-Dheklapara Division	Emergency relief materials distributed among the affected families.
2009	8.4.09 at 8=00 pm	Cyclonic Storm	Dwelling houses destroyed Total Loss = 5,10,000=00	Khairbari, Ramjhora T.G, Madarihat , Rangalibazna Islamabad, Mujnai T.G.	Emergency relief materials distributed among the affected families.
2009	25.05.09 - 26.5.09	Cyclonic Storm	Dwelling houses destroyed Total Loss = 1,00,000=00	U/Khairbari,M/Khairbari,Purba Khairbari, Aswininagar Ward No. 1,2 & 3 under Madarihat G.P	Emergency relief materials distributed among the affected families.
2009	20.08.09	Flash Flood	Road, culvert, Bandh, bridge damaged. 24 nos. of families affected due to flash flood by River Pagli. Total Loss= Rs. 7,00,000=00	Lankapara Khas Busty	Emergency relief materials distributed among the affected families.
2009	20.8.09	Flash Flood	Total Loss = Rs.15,35,000=00	Totopara, Ballalguri, Birpara-I, Birpara-II & Sishujhumra G.P	Emergency relief materials distributed among the affected families.
2009	26.6.09	Flash Flood	Dwelling houses damaged due to flash flood Total Loss = Rs.7,80,000=00	Gargenda, Dhumchi and Hantapara under Hantapara G.P	Emergency relief materials distributed among the affected families.

2010	02.03.10	Cyclonic Storm	300 nos. of Dwelling houses damaged	Uttar Ballalguri, Holapara & Totopara	Emergency relief materials distributed among the affected families.
2010	07.06.2010	Heavy Rainfall & Lightening	Road, culvert, bridge, bandh damaged.Total Loss = Rs. 5,20,000=00	Islamabad, D/Khairbari, Chhekamari, P/Khairbari, M/ Madarihat under Khairbari G.P.Manipur, Daulatpur, Chapaguri, Moktarpur underRangalibazna G.P.Makrapara, Singania, Bashbari Line under Birpara-II	Emergency relief materials distributed among the affected families.
2010	26.06.10 - 28.6.10	Flash Flood	Total Loss Rs. 5,00,000=00	Rangalibazna G.P	Emergency relief materials distributed among the affected families.
2010	17.7.10 - 18.7.10	Flash Flood	Total Loss Rs. 10,00,000=00	Lankapara, Rangalibazna, Birpara-I, Madarihat, Totopara G.P	Emergency relief materials distributed among the affected families.
2010	17.7.10 - 19.7.10	Flash Flood	Dwelling houses damaged due to flash flood Total Loss Rs. 50,000=00	Sishujhumra, Khairbari & Madarihat G.P	Emergency relief materials distributed among the affected families.
2010	21.7.10	Flash Flood	Dwelling houses damaged due to flash flood Total Loss Rs. 27,000,00=00	Sishujhumra, Rangalibazna, Birpar-II, Lankapara, Bandapani, Hantapara, Totopara G.P	Emergency relief materials distributed among the affected families.
2010	21.07.2010	Heavy Rainfall	Dwelling houses damaged due to flash flood Total Loss Rs. 2,25,000=00	Islamabad, Dakshin Khairbari	Emergency relief materials distributed among the affected families.
2010	23.8.10	Flash Flood	Dwelling houses damaged due to flash flood Total Loss Rs. 4,00,000=00	Birpara-II, Lankapara G.P	Emergency relief materials distributed among the affected families.

2010	27.8.10	Heavy Rainfall	Soil erosion of agricultural land, damaged culvert, bridges and road Total Loss Rs. 2,20,000=00	Totopara G.P	Emergency relief materials distributed among the affected families.
2010	4.9.10 - 6.9.10	Heavy Rainfall	Dwelling houses damaged due to flash flood Total Loss Rs. 4,00,000=00	Lankapara, Hantapara, Madarihat G.P	Emergency relief materials distributed among the affected families.
2011	14.4.11	Cyclonic Storm	22 nos. of dwelling houses damaged.Total Loss Rs= 1,11,000=00	Madarihat G.P	Emergency relief materials distributed among the affected families.
2011	8.5.11	Cyclonic Storm	20 nos. of dwelling houses damaged. Total Loss Rs.1,62,500=00	Lankapara T.G & Ramjhora T.G.	Emergency relief materials distributed among the affected families.
2011	14.5.11	Cyclonic Storm	50 nos. of dwelling houses damaged. Total Loss Rs. 8,50,000=00	Birpara-I G.P	Emergency relief materials distributed among the affected families.
2011	18.09.2011	Earthquake	430 nos. of dwelling houses damaged	Birpara-II G.P, Lankapara G.P,Hantapara G.P.Sishujhumra G.P. & Bundapani G.P.	Emergency relief materials distributed among the affected families.
2012	19.04.2012	Cyclonic Storm	950 nos. dwelling houses damaged, other properties Total Loss Rs. 5,92,90,000=00	Madarihat /Khairbari/Rangalibazna, Hantapara GP	Emergency relief materials distributed among the affected families.
2012	01.05.2012	Cyclonic Storm	4050 nos. of dwelling houses damaged, other properties & 36 nos. Schools Total Loss Rs. 6,98,45,000=00	All G.P. except Totopara-Ballalguri	Emergency relief materials distributed among the affected families.
2014	12.09.2014	Flash Flood	one cause way bridge at Jamtala under Madarihat G.P. washed out due to flash flood	Not applicable	Emergency protection work taken up for restoration of normalcy.

2014	11.05.2014	Cyclonic Storm	2200 DWELLING HOUSES DAMAGED AND OTHER PROPERTIES DAMAGED	ALL G.Ps	Emergecy protection work taken up for restoration of normalcy.
2015	30.08.2015	Flash Flood	55 Dwelling Houses & other properties road/Bundh/culvert etc. damaged	Madarihat/ Khairbari/Rangalibazna,/Madarihat/ Sishujhumra/Bundapani GP/	Emergecy protection work taken up for restoration of normalcy.
2016	15.06.2016-26.06.2016	26.06.2016	one cause way bridge at Jamtala under Madarihat G.P. washed out due to flash flood, One Graveyard Washed out. 400 house hold effected at Totopara.	Madarihat/ Khairbari/Rangalibazna,/Totopara Ballalguri, Birpara-I GP	Emergecy protection work taken up for restoration of normalcy.

LIST OF N.G.Os AND SELF HELP GROUP ENGAGED IN POST- RELIEF OPERATIONS IN TIME OF EMERGENCY

SL. NO.	NAME OF N.G.Os/SHGs	LOCATION	NO. OF MEMBERS	NAME OF G.P.WHERE ENGAGED FOR ASSISTING QRTs AT SANSAD LEVEL	RESOURCE PERSONS	CONTACT NO.
1	BIRPARA WELFARE ORGANIZATION	BIRPARA CHOWPATHY	9 NOS.	RANGALIBAZNA	SRI INDRAJIT DEY	9832515736
2	MADHYA RANGALIBAZNA EVERGREEN WELFARE ORGANIZATION	M/RANGALIBAZNA NEAR SISHUBARI CHOWPATHY	7 NOS.	SISHUJHUMRA & BUNDAPANI G.P.	ZAKIR HOSSAIN	9733314948
3	SISHUBARI WELFARE ORGANIZATION	SISHUBARIHAT	7 NOS.	BIRPARA -I G.P.	GOUTAM BHOWMICK	9775475095
4	RAMJHORA SARBIK UNNAYAN COMMITTEE	RAMJHORA T.G.	11 NOS	LANKAPARA G.P.	SMT. ANITA JHA	9733144008
5	PRISM	MADARIHAT	12 NOS.	HANTAPARA & MADARIHAT G.P.(NORTHERN PART)	NITA DHAR	9002119058
6	MAKHMALI ACTIVITY CLUSTER	BALLALGURI	5 NOS	TOTOPARA- BALLALGURI	SRI TIKARAM GOUTAM	9733366936
7	JALDAPARA-MADARIHAT WELFARE ORGANIZATION	MADHYA KHAIRBARI	7 NOS.	MADARIHAT G.P. (SOUTHERN PART) &KHAIRBARI G.P.	SRI SUGAM GOUTAM	9734024747

LIST OF TRAINED CIVIL DEFENCE VOLUNTEERS ENGAGED IN RESCUE OPERATIONS AT TIME OF EMERGENCY				
SL. NO.	NAME OF CIVIL DEFENCE VOLUNTEERS	ADDRESS	CONTACT NO.	NAME OF G.P.WHERE ENGAGED FOR ASSISTING QRTs G.P.LEVL
1	BULBUL ALAM	ISLAMABAD, P.O. RANGALIBAZNA ALIPURDUAR	9547733288	LANKAPARA G.P. & BIRPARA-II G.P.
2	SABIR HOSSAIN	RANGALIBAZNA	7583976945	BIRPARA -I G.P.
3	JAYANTA RAY	D KHAIRBARI	8670350447	SISHUJHUMRA G.P.& BUNDAPANI G.P.
4	RASHIDUL ALAM	DO	8116922183	RANGALIBAZNA G.P.& KHAIRBARI G.P.
5	ASKIP KULLU	Purba Madarihat	8116102620	MADARIHAT G.P.
6	PROBIT SORIN	Purba Madarihat	9641687384	HANTAPARA G.P. & TOTOPARA-BALLALGURI G.P.

LIST OF VULNERABLE AREAS AND FLOOD SHELTERS			
Sl.No.	Name of G.P.	Vulnerable Areas	Flood Shelters/Rescue Centres/Shelter Points
1	2	3	4
1	MADARIHAT	Uttar Khairbari	1.Santi Pry. School
		Purba Khairbari	2.Radhkrishna Pry.School
		Uttar Madarihat, Jamtola	3. Madarihat High School & Pry. School
		Madhya Khairbari	4. Uttar Madarihat ITDP Pry. School
		Uttar Chhekamari	5.Chhekamari Pry. School
2	KHAIRBARI	Islamabad,	1.Khairbari High Madrasah,
		Dakshin Khairbari,	2.D/Khairbari Pry. School,
		Paschim Khairbari,	3.Mohan Singh High School, M/
		Madhya Chhekamari,	4.Chhekamari Pry. School

		Paschim Madarihat,	5.D/Khairbari Pry. School
		Purba Madarihat, Dakshin Madarihat	6. Vivekananda Vidyapith
3	RANGALIBAZNA	Uttar Rangalibazna, Dakshin Ranglibazna, Malangi, Madhyapara.	1. Dangapara Pry. School,
		Khidirpur, Manipur	2. D/Rangalibazna pry. School, 3.Malangi i Pry. School,
		Rangalibazna, Chapaguri.	4. Mundapara Pry. School,
		Nabipur,U/Sishubari,Khidirpur	5.Sishubari High Madrash
		Pradhanpara,	6. Prodhan para Pry. School
		D/Rangalibazna, Moktarpur	7.D/Khairbari Pry. School
4	Totopara-Ballalguri	Totopara,	1.Totopara Jr. High School, 2.Ballalguri Pry. School
		Ballalguri. Uttar Ballalguri, Holapara	
5	BIRPARA-I	Barahauda, Debishimul	1.Birpara College,
		Subhaspally	2.Mahabir Hindi High School,
		Collegepara	3. Birpara Nepali High School
6	BIRPARA-II	Dalmore, Garobasty	1.Dalmore Garobasty Pry. School
		Dalmore Banshbari Line	2.Makrapara T.G. Pry. School
		Sukti Division near Makrapara T.G.	
7	SISHUJHUMRA	Sishujhumra , Sarugoan	1.Sishujhumra Nepania Spl. Cadre Pry. School,
			2. Sarugoan Pry. School
8	Bandapani	Nepania, Garochira,Nepania Kalapani,	1.Nepania Pry. School,
			2.Garo Chera Pry. School
			3.Reti Forest Pry. School
9	Lankapara	Lanka Khas, Tulsi Khas.	1.Lankapara Khas Pry. School
		Lankapara Bazar,	2.Lankapara Bazar Pry. School , 3.Lankapara. High School
		Ramjhora Bazar,Ramjhora TG.	1. Ramjhora Hindi High School 2. Ramjhora T.G. Pry. School
10	Hantapara	Beech Bhaga Line, Hantapara T.G. Dhumchipara T.G. Factory Line	1.Hantapara East Line Pry. School 2. Dhumchipara T.G. Pry. School

CONTINGENCY PLANNING TO OVERCOME FLOOD SITUATION -2018 (AGRICULTURE DEPARTMENT)

TOTAL GEOGRAPHICAL AREA - 37606.4 Ha

CULTIVABLE AREA - 7864 Ha

TOTAL NO. OF G.P. – 10 Nos.

TOTAL NO. OF MOUZA- 50 Nos.

NO. OF AGRIL. MOUZA – 28 Nos.

FLOOD PRONE MOUZA

<u>SL. NO.</u>	<u>NAME OF THE G.P.</u>	<u>NAME OF THE MOUZA</u>	<u>AREA UNDER CULTIVATION</u>
1.	MADARIHAT	a) Purba Khairbari	205 ha
		b) Madhya Khairbari	165 ha
		c) Uttar Madarihat	379 ha
		d) Uttar Chhekamari	448 ha
2.	KHAIRBARI	a) Madhya Chhekamari	210 ha
3.	RANGALIBAZNA	a) Uttar Sishubari	216 ha
		b) Uttar Rangalibazna	305 ha
		c) Madhya Rangalibazna	457 ha

1. PRF FLOOD SITUATION –

- All field staffs of the Office of the undersigned have been alerted regarding flood situation. They have also been given the guidance to give proper suggestion to the flood affected people to find out a suitable way for saving themselves.
- All seed, fertilizer and pesticide dealer have been given instruction to take necessary arrangement for sufficient amount of seed, fertilizer and pesticide.
- The Govt. Farm has been instructed to reserve some area for raising paddy seedlings.
- Farmers are being advised to make staggered seed bed of paddy (sowing of seed at different time) to combat the flood situation.

2. IMMEDIATE ACTION:

- If the flood occurs, preliminary GP and mouza wise damaged report (including crop and area) of flood will be communicated to the Deputy Director of Agriculture (Admn), Alipurduar, the Asstt. Director of Agriculture (Admn), Alipurduar and Block Development Officer, Madarihat.
- Meet with respective K.P.S. and respective GP members to assess the area wise loss of crop.

3. POST FLOOD ACTION

- Final report of mouza wise crop damage with probable monetary loss of the farmers will be communicated to the Dy. Director of Agriculture(Admn), Alipurduar, the Asstt. Director of Agriculture (Admn), Alipurduar and Block Development Officer, Madarihat.
- Farmers are being advised to transplant paddy if the season of transplanting not over. Otherwise they will be advised to cultivate another crop like kalai and other quick growing pulses.
- Paddy seedling would be provided to farmers at no profit and no loss basis from the Govt. Farm.
- If minikit is sanctioned and come to the Block, will be distributed among the flood affected farmers.

KALCHINI

1	Geographical Area	892.57 Km ²
2	Total population	2,79,652
3	Density of population	313/sq km
4	Male population	1,40,455
5	Female population	1,39,197
6	Percentage of Male population	50.22%
7	Percentage of Female population	49.78%
8	Sex ratio	1000:991
9	Scheduled Caste population	26429
10	Male SC population	13320
11	Female SC population	13109
12	Percentage of SC population	9.45%
13	Scheduled Tribe population	99303
14	Male ST population	49629
15	Female ST population	49674
16	Percentage of ST population	35.5%
17	Literate population	1,68,900
18	Male Literate population	94,946
19	Female Literate population	73,944
20	Percentage of Literate population	60.39%
21	Percentage of Male Literate population	67.59%
22	Percentage of Female Literate population	53.12%
23	Birth rate	1.5%
24	Death rate	1.4%
25	Mortality rate	----
26	Total No. of Gram Panchayats	11
27	Total No. of Gram Sansads	193
28	Total No. of polling stations	228
29	Total No. of Tea Gardens	21
30	Total No. of Police Stations	03
31	Important establishments	Auditorium at Hamiltonganj & Kalchini
32	Total No. of Police Outposts	01
33	No. of Primary Schools	114
34	No. of Jr. High & High Schools	21 & 17
35	No. of Polling Stations	228
36	No. of ICDS Centers	776
37	No. of SSK	88
38	No. of MSK	04
39	No. of Tube-Wells	4629
40	No. & Name of PHC	02 Nos. (1. Satali PHC & 2. Jaigaon PHC)
41	Total No. of Hospitals	01
42	No. of mobile medical van	01
43	Total No. of Flood Shelter	02
44	Percentage of agricultural land	5.8%

Important contact No. :-

Sl. No.	Name of GP	Name	Designation	Telephone No.
1	Jaigaon-II	PASSANG DEKI SHERPA	Pradhan	8768182582
2	Jaigaon-II	DAWA LAMA	Upa-Pradhan	9800492376
3	Jaigaon-II	PINTU GHOSH	SI, Jaigaon Police Station	7407423935
1	Jaigaon-I	MANJU DARJEE	Pradhan	7407827586
2	Jaigaon-I	BINOD ORAON	Upa-Pradhan	9564443007
3	Jaigaon-I	PARTHA PRATIM CHANDA	Executive Assistant	9933833271
4	Jaigaon-I	BISWAJIT BISWAS	Secretary	9733108527

5	Jaigaon-I	RUPESH BASEL	Nirman Sahayak	9593718175
6	Jaigaon-I	KAMAL LAMA	Member	8158864892
1	Dalsingpara	SHAMBHU JAISWAL	Upa-Pradhan	9734961171
2	Dalsingpara	NIRANJAN SARKAR	Secretary	9775956240
1	Chuapara	AMASHI NAIK (THAM)	Pradhan	8972708477
2	Chuapara	SABIR LOHARA	Upa-Pradhan	8159005795
3	Chuapara	AJIT TIRKEY	Opposition Leader	8101212140
4	Chuapara	RAJEN LAMA	Member	8158864252
5	Chuapara	GOPAL MAJHI	Member	7551847911
6	Chuapara	PRAKASH ORAON	Member	7797912618
7	Chuapara	ARUN MAHALI	Member	8101468750
8	Chuapara	SUDHIR BILUNG	Member	8388063960
9	Chuapara	SUMAN MINJ	Member	9647928965
10	Chuapara	BHARATI LAMA	Member	8967505259
11	Chuapara	PRIYANKA TOPPO	Member	9647743350
12	Chuapara	PRADIP KUMAR DEY	Executive Assistant	9735404963
13	Chuapara	MEGH BAHADUR CHHETRI	Secretary	9733180879
14	Chuapara	SANKAR BASAK	Sahayak	7478406296
15	Chuapara	PRABHAT DEBNATH	Sahayak	9735098318
16	Chuapara	ANUPAM SUTRADHAR	GP Karmee	9933801979
17	Chuapara	PRAKASH CHHETRI	GP Karmee	8116335499
18	Chuapara	PRAVEEN BISWAKARMA	GP Karmee	7407685629
19	Chuapara	BHABOTOSH DAS	TA	8250251953
20	Chuapara	BIMAL KUJUR	STP	7585990490
21	Chuapara	RABI RANJAN ROY	GRS	8016875988
22	Chuapara	SAGAR DHANWAR	VLE	7384938867
1	Malangi	MISS BINU THAPA	Pradhan	8972998936
2	Malangi	BIJAY LOHAR	Upa-Pradhan	7872623226
3	Malangi	SILASH DUNG DUNG	Key Person	8372870815
4	Malangi	MANGNA ORAON	Key Person	8145848862
5	Malangi	SUDDIN ORAON	Key Person	9593250117

6	Malangi	BISHU MAHATO	Key Person	9734121536
7	Malangi	RANJIT KR. RAI	Key Person	9733490999
8	Malangi	SIB BARAIK	Member	9733253091
9	Malangi	ANWAR HUSSAIN	Key Person	9832295978
1	Satali	MANOJ BARUA	Pradhan	9775462922
2	Satali	SUBRATA ROY	Executive Assistant	9434603280
1	Kalchini	DEEPMALA TAMANG	Pradhan	9593903764
2	Kalchi	PRADIPTA KR. BHOWMIK	Executive Assistant	9932730386
1	Garopara	LILAMATI GOALA	Pradhan	8967117415
2	Garopara	BENJAMIN XAXA	Sanchalak	9609737685
1	Mendabari	CHANDRA NARJINARY	Pradhan	9635222860
2	Mendabari	ANU CHHETRI	Upa-Pradhan	8392095457
3	Mendabari	BIJAY KUMAR SAIBA	G.P. Member	9635517948
4	Mendabari	BASUDAB KUJUR	G.P. Member	9635994016
5	Mendabari	RAIMAN RAVA	G.P. Member	7602940891
6	Mendabari	AJIT KUJUR	G.P. Member	9641147845
7	Mendabari	ABHIJIT NARJINARY	G.P. Member	9679867497
1	Latabari	PRAN KUMAR SARKAR	Pradhan	9800072159
2	Latabari	PADAM ROY	Member	9735098396
3	Latabari	JINESH LAMA	Member	9733190192
4	Latabari	SANTOSH SHIL	GP Karmee	97331
1	Rajabhakhawa	BINAY SHIL	Computer Assistant	9775977775
2	Rajabhakhawa	RATHIN DAS	Jibeka Sevak	8016988529

No. & Name of Mouzas :-

Sl. No.	Name of Mouza	J.L. No.	Gram Panchayat
1	Uttar Borojhar Forest	1	Malangi
2	Parmalangi	2	Satali
3	Nilpara Forest village	3	Malangi
4	Soudamoni Tea Garden	4	Malangi
5	Madhya Satali	5	Satali
6	Paschim Satali	6	Mendabari
7	Dakshin Satali	7	Mendabari
8	Satali Nakadala	8	Mendabari
9	Uttar Mendabari	9	Mendabari
10	Dakshin Mendabari	10	Mendabari
11	Nimtijhora Tea Garden	11	Latabari
12	Nimto domohani	12	Latabari
13	Dakshin Latabari	13	Latabari
14	Uttar Latabari	14	Latabari
15	Purba Satali	15	Satali
16	Satali Mondal para	16	Satali
17	Uttar Satali	17	Satali
18	Madhu Tea Garden	18	Satali
19	Satali Tea Garden	19	Malangi
20	Malangi Tea Garden	20	Malangi
21	Beech Tea Garden	21	Malangi
22	Barnobari Tea Garden	22	Malangi
23	Dalsingpara Tea Garden	23	Dalsingpara
24	Toorsa Tea Garden	24	Jaigaon-I
25	Mecheia Busty	25	Jaigaon
26	Gopi mohan Tea Garden	26	Jaigaon
27	Chhota Jaigaon	28	Jaigaon
28	Gaburbasra forest village	29	Jaigaon
29	Rangamati Tea Garden	30	Chuapara
30	Bhutri Forest Village	31	Chuapara
31	Radharani Tea Garden	32	Chuapara
32	Chuapara Tea Garden	33	Chuapara

33	Chuapara	34	Chuapara
34	Mechpara	35	Chuapara
35	Bhatpara Tea Garden	36	Kalchini
36	KalchiniTea Garden	37	Kalchini
37	Gangutia Tea Garden	38	Garopara
38	Dima Tea Garden	39	Garopara
39	Bhatkhawa Tea Garden	40	Garopara
40	Atiabari Tea Garden	41	Garopara
41	Rajabhat Tea Garden	42	Garopara
42	Buxa Forest (CRAZA)	43	Rajabhatkhawa
43	Buxa Hill Forest	44	Rajabhatkhawa

No. & Name of Rivers (if any) :-

Sl. No.	Name of GP	Name of the River	Name of the Area affected by the river	Percentage of people affected by flood	Nearest Flood Shelter
1	Jaigaon-II	Toorsa River	Subhash Pally	25 %	Kali Mandir Premises
2	Jaigaon-II	Toorsa River	Guabari	25 %	Madarasa Jr. School
3	Jaigaon-II	Toorsa River	Tala Basti	25 %	Ram Krishna Pry. School
1	Jaigaon-I	Gobarjyoti River	Khokla	80 %	Saraswati Pry School
2	Jaigaon-I	Hasimara Jhora	Daragaon, CM Busty	60 %	Jaigaon Dev. Office
3	Jaigaon-I	Toorsa	Baromachia Busty, Chhoto Machia Busty	65 %	Theodore English Mission School
4	Jaigaon-I	Jogi Khola	Manglabari, Ramgaon, Hathkhola	70 %	Manglabari 2 S.P. Pry. School
1	Dalsingpara	Toorsa	Ran Bahadur Busty	25 %	SSK at R.B. Busty
2	Dalsingpara	Gobarjyoti	Mahua TG	25 %	Mahua TG Pry. School
3	Dalsingpara	Barsa	G.B. Busty	25 %	Nilpara FPV School
4	Dalsingpara	Toorsa	Jatu Line	25 %	SSK at Godam Line
1	Chuapara	Basra	Basra Division, Central Doors TE	65 %	Basra Pry. School
2	Chuapara	Pana	Radharani TE, Bhutri Forest	40 %	Pana Pry. School
3	Chuapara	Kali Jhora	CDTE(Hatkhola, Rangamati, Pana, Panikup)	60 %	Hatimara Pry. School

1	Malangi	Toorsa	Nadi Line at Subhasini TG	75 %	Community Hll& Subhashini TG out Division Pry. School
2	Malangi	Toorsa	Hospital Line at Subhasini TG	75 %	Community Hll& Subhashini TG out Division Pry. School
3	Malangi	Toorsa	Subhasini TG Out Division	75 %	Community Hll& Subhashini TG out Division Pry. School
4	Malangi	Toorsa	Gudam Line at Subhasini TG	75 %	Community Hll& Subhashini TG out Division Pry. School
5	Malangi	Toorsa	Babu Line at Subhasini TG	75 %	Community Hll& Subhashini TG out Division Pry. School
6	Malangi	Toorsa	Malangi Jhora, Malangi TG	75 %	Community Hll& Subhashini TG out Division Pry. School
7	Malangi	Toorsa	Air Force area Subhasini TG	75 %	Community Hll& Subhashini TG out Division Pry. School
1	Satali	Basra	Purba Satali	10 %	Mendabari Jr. Basic School
2	Satali	Chhoto	New Hasimara	10 %	Hasimara New Market Pry. School
1	Kalchini	Geldung River	Raimatang FV , Bhatpara TG	34 %	
2	Kalchini	Raimatang River	Chinchula TG, Gangutia FV, Kalchini TG	42 %	
1	Garopara	Dima	Atiabari Purab Line	17 %	
2	Garopara	Fagu Dhuba Jhora	Atiabari !2-15 no. line	20 %	
3	Garopara	Mili Shop Jhora	Bhatkhawa	30 %	
4	Garopara	Lal Pul Jhora	Bhatkhawa	20 %	
5	Garopara	Hugh Jhora	Kalchini to Dima bitch line	20 %	
1	Mendabari	Kulti Jhora	Paschim Satali, Kodalbusty	70 %	Doors United Tribal Club
2	Mendabari	Bania Jhora	Paschim Satali, Dakshin Satali,	80 %	Dakshin satali Pry. School, Paschim satali pry. School, ITDP pry. School

3	Mendabari	Kaljani River	East & West portion of Satali Nakadala, Uttar & Dakshin Mendabari	80 %	Sarna pry. School, Hindi pry. School
4	Mendabari	Bhandari River	Uttar & Dakshin Mendabari, Uttar Mendabari FV	70 %	Uttar pry. Flood centre
5	Mendabari	Buri Basra	Uttar Mendabari FV, Dakshin Mendabari	70 %	Uttar mendabari Pry. School
1	Latabari	Kaljani	South Forwarded nagar, Dakshin Latabari, Nimti domohani, Nimitjhora TG	35 %	Latabari GP, Dakshin Latabari Pry. School, Nimitjhora High School
2	Latabari	Dhobijhora	South Forwarded nagar, Sarojit Pally, Rabindra Nagar, Dakshin Latabari	20 %	Latabari GP, Dakshin Latabari Pry. School,
1	Rajabhakhawa	Jayanti	Jayanti	53 %	Jainti High School
2	Rajabhakhawa	Chaitaiyana	Rajabhathkawa	25 %	MMC Club
3	Rajabhakhawa	Gadadhar	Gadadhar, Panbari	30 %	Gadadhar Pry. School
4	Rajabhakhawa	Garam Basty Nonai	Garam Basty	20 %	Garam Hindi Pry. School
5	Rajabhakhawa	Dima	Poro Basty	20 %	Poro Pry. School

River Carrying Capacity :-

Name of G.P.	Name of the River	Gauge Station	Danger Level (in Mtrs.)
Jaigaon-II	Toorsa River	Alipurduar	NA
Jaigaon-I	Gobarjyoti River	Alipurduar	NA
Jaigaon-I	Hasimara Jhora	Alipurduar	NA
Jaigaon-I	Toorsa	Alipurduar	NA
Jaigaon-I	Jogi Khola	Alipurduar	NA
Dalsingpara	Toorsa	Alipurduar	NA
Dalsingpara	Gobarjyoti	Alipurduar	NA
Dalsingpara	Barsa	Alipurduar	NA
Chuapara	Basra	Alipurduar	NA
Chuapara	Pana	Alipurduar	NA
Chuapara	Kali Jhora	Alipurduar	NA

Malangi	Toorsa	Alipurduar	NA
Satali	Basra River	Alipurduar	NA
Satali	Chhoto River	Alipurduar	NA
Kalchini	Geldung River	Alipurduar	NA
Kalchini	Raimatang River	Alipurduar	NA
Garopara	Dima	Alipurduar	NA
Garopara	Fagu Dhuba Jhora	Alipurduar	NA
Garopara	Mili Shop Jhora	Alipurduar	NA
Garopara	Lal Pul Jhora	Alipurduar	NA
Garopara	Hugh Jhora	Alipurduar	NA
Mendabari	Kulti Jhora	Alipurduar	NA
Mendabari	Bania Jhora	Alipurduar	NA
Mendabari	Kaljani River	Alipurduar	NA
Mendabari	Bhandari River	Alipurduar	NA
Mendabari	Buri Basra	Alipurduar	NA
Latabari	Kaljani	Alipurduar	NA
Latabari	Dhobijhora	Alipurduar	NA
Rajabhakhawa	Jayanti	Alipurduar	NA
Rajabhakhawa	Chaitaiyana	Alipurduar	NA
Rajabhakhawa	Gadadhar	Alipurduar	NA
Rajabhakhawa	Garam Basti Nonai	Alipurduar	NA
Rajabhakhawa	Dima	Alipurduar	NA

Irrigation Projects :-

Sl. No.	Name of the G.P	Name of the Project	Area Covered
1	Jaigaon-II	Talabasty, Near Hindi School	½ K.M
1	Jaigaon-I	NIL	
1	Dalsingpara	Bandh at RB Busty	½ K.M
1	Chuapara	NIL	

1	Malangi	NIL	
1	Satali	NIL	
1	Kalchini	NIL	
1	Garopara	NIL	
1	Mendabari	Kaljani Irrigation	Satali Nakadala
2	Mendabari	Bhandari Irrigation	Uttar Mendabari
3	Mendabari	Bania Irrigation	Paschim Satali & Dakshin Satali
1	Latabari	Construction of Irrigation canal Balu Dangha to Binod Oraon to the house of Durga Sarki at Nimti Domohani	Nimtidomohani
2	Latabari	Renovation Irrigation canal from the house of Babulal Oraon to Ranjit Oraon house at Nimtidomohani	Nimtidomohani
3	Latabari	Renovation Irrigation canal from the house of Kapil Mangar to Ratan Narjinary house at Nimtidomohani	Nimtidomohani
4	Latabari	Renovation Irrigation canal from the house of Tarun Kumar Gabur to Ranjit Oraon house at Nimtidomohani	Nimtidomohani
5	Latabari	Construction of PCC canal from the house of Ratiya Kharia to Brajen Roy house at Nimtidomohani	Nimtidomohani
6	Latabari	Construction of PCC canal from the house of Rajkumar Lama to Brajen Roy house at Nimtidomohani	Nimtidomohani
7	Latabari	Construction of earthen irrigation canal from the house of Rantan Chakraborty to the house of Amulya Roy at Nimti Domohani	Nimtidomohani
8	Latabari	Construction of earthen Irrigation canal from NH-31 to the house of Kamal Prasad at Nimti Domohani	Nimtidomohani
9	Latabari	Construction of earthen Irrigation canal from PWD to the house of Pahar Khariya at Nimti Domohani	Nimtidomohani
10	Latabari	Construction of earthen Irrigation canal from FEC play field to the house of Bhugula Oraon at Nimti Domohani	Nimtidomohani
11	Latabari	Construction of earthen Irrigation canal from the house of Bina Thakur to the house of Rajuye Jha at Nimti Domohani	Nimtidomohani
12	Latabari	Construction of earthen Irrigation canal from the house of Nikhil Sarkar to the house of Mangru Length at Nimtidomohani	Nimtidomohani
13	Latabari	Construction of earthen Irrigation canal from the NH-31 to Kaljani River Jay debnath house of at Nimti Domohani	Nimtidomohani
14	Latabari	Construction of earthen Irrigation canal from the house of Nikhil Sarkar to the house of Jogesh Barman via Mani Oraon house at Nimti Domohani	Nimtidomohani
15	Latabari	Construction of Irrigation canal from the house of Rani Das to the house of Rajashree Kharia at Nimti Domohani	Nimtidomohani
16	Latabari	Construction of Irrigation canal from the house of Bablu Kharia to the house of Dilip Oraon at Nimti Domohani	Nimtidomohani
17	Latabari	Construction of Irrigation canal from the house of Suren Oraon to Minu Biswas house at Nimti Domohani	Nimtidomohani
18	Latabari	Construction of Irrigation canal from the house of Sita Oraon to Bharat Oraon house at Nimti Domohani	Nimtidomohani

19	Latabari	Construction of Irrigation canal from the house of Anup Kharia to Rajkapoor Oraon house at Nimti Domohani	Nimtidomohani
20	Latabari	Construction of Irrigation canal from the house of Rajdeep Kharia to Babar Basumata house at Nimti Domohani	Nimtidomohani
21	Latabari	Construction of Irrigation canal from the house of Jayram Kerketta to Ropna Oraon house at Nimti Domohani	Nimtidomohani
22	Latabari	Construction of Irrigation canal from the house of Sita Oraon to Bishnu pada dey house at Nimti Domohani	Nimtidomohani
23	Latabari	Construction of Irrigation canal from the house of Stepan Oraon land to Sachin Gabur house at Nimti Domohani	Nimtidomohani
24	Latabari	Construction of Irrigation canal from NH-31 to Nimtidomohani football Ground at Nimti Domohani	Nimtidomohani
25	Latabari	Repairing and Construction of earthen irrigation canal from the house of Jit Bahan and to the house of Kishan Oraon at Dakshin Latabari.	Dakshin Latabari
26	Latabari	Re-excavation of earthen irrigation cannel from sishu nala to Mahendra Rava land via Dakshin Latabari at Uttar Latabari	Dakshin Latabari
27	Latabari	Re-excavation of earthen irrigation cannel from Bhatkhawa main drain to Amit Kr. Lama land via Dakshin Latabari at Uttar Latabari	Uttar Latabari
28	Latabari	Re-excavation of earthen irrigation cannel from Bhatkhawa TG drain to Samshan Ghat at Uttar Latabari	Uttar Latabari
29	Latabari	Re-excavation of earthen irrigation cannel from the house of Suresh to Dakshin Latabari at Uttar Latabari	Uttar Latabari
30	Latabari	Re-excavation of earthen irrigation cannel from the land of Basu Saontal to the land of Badhuwa Oraon at Uttar Latabari	Uttar Latabari
1	Rajabhatkhawa	NIL	

VULNERABLE LOCATIONS / AREA (FOR 2018 MONSOON)

a. Vulnerable / Damaged Embankment :-

Sl. No.	Name of G.P.	Name of the Weak / Vulnerable Embankment	Location	Affected by River	Reason of its vulnerability	Population likely to be affected
1	Jaigaon-II	Near Toorsa Mart Ground	NA	Toorsa	Due to renovation of the wall	3000
1	Jaigaon-I	Gobarjyoti embankment	NA	Gobarjyoti	Land Slide	100
2	Jaigaon-I	HasimaraJhora embankment	NA	HasimaraJhora	Over flow	200
3	Jaigaon-I	Toorsa embankment	NA	Toorsa	Over flow	150
4	Jaigaon-I	Jogikhola embankment	NA	Jogikhola	Over flow	100
1	Dalsingpara	Basra Bandh	NA	Gobarjyoti & Toorsa	Over flow	30 %
1	Chuapara	Hatibandh	NA	Pana River	Over flow from Hill Area	150
2	Chuapara	Singijhora	NA	Singi River	Over flow from Hill	75

					Area	
3	Chuapara	Basra	NA	Basra	Over flow from Hill Area	150
4	Chuapara	Kalajhora	NA	Kala jhora	Over flow from Hill Area	80
1	Malangi	Forest Line, Beech TG	NA	Toorsa	Regular erosion of the embankment by the river	4000
2	Malangi	Neez Line, Beech OD	NA	Toorsa	Toorsa	
3	Malangi	Par Malangi Busty	NA	Toorsa	Toorsa	
4	Malangi	Nadi Line, Subhasini TG	NA	Toorsa	Toorsa	
1	Satali	NIL	NIL	NIL	NIL	NIL
1	Kalchini	NIL	NIL	NIL	NIL	NIL
1	Garopara	NIL	NIL	Fagu Dhoba River	Heavy Rain	15 %
1	Mendabari	28 Lakh Bundh	26.40°04.57"N 89.22°38.02"E	Bania Jhora	Over Flood	600
2	Mendabari	Dakshin Satali 12 No. Irrigation Bundh	NA	Bania Jhora	Over Flood	500
3	Mendabari	Kaljani Irrigation Bundh,Satali Nakadala	26°38'43.09"N 89.24°26.43"E	Kaljani River	Weak Embankment	550
4	Mendabari	Kaljani Irrigation Bundh,Uttar Mendabari	26°37'40.34"N 89.24°41.37"E	Kaljani River	Weak Embankment	450
5	Mendabari	Kulti Jhora Bundh	NA	Kulti Jhora	Weak Embankment	580
6	Mendabari	Rava Bundh Bridge	NA	Bhandari River	Weak Embankment	400
7	Mendabari	Dakshin Mendabari Buri Basra Bridge	26°35'41.88"N 89.24°33.17"E	Buri Basra	Weak Embankment	450
1	Latabari	Kaljani River Embankment	26.6866°N 89.4246°E	Kaljani River	Sandy Soil	8000
2	Latabari	Dhobijhora River Embankment	26.6866°N 89.4246°E	Dhobijhora River	Sandy Soil	5000
1	Rajabhakhawa	Jayanti Bundh	26.4200.5°N 89.36447.2°E	Jayanti River	Heavy Rainfall	500

b. Vulnerable / Damaged Wooden Bridge :-

Sl. No.	Name of G.P.	Name of the Weak and Vulnerable Culverts	Location	Reason of its vulnerability	Population likely to be affected
1	Jaigaon-II	NIL	NA	NIL	NIL
1	Jaigaon-I	Ramgaon college culvert	NA	Damage Condition	1500

1	Dalsingpara	NIL	NA	NIL	NIL
1	Chuapara	NIL	NA	NIL	NIL
1	Malangi	Culvert near Shiv Mandir, Subhasini TG	NA	Condition of culvert is very poor & it is the only way to pass during monsoon	2500
1	Satali	NIL	NA	NIL	NIL
1	Kalchini	NIL	NA	NIL	NIL
1	Garopara	NIL	NA	NIL	NIL
1	Mendabari	Montique Bridge	NA	With out wing	1000
2	Mendabari	Bania Bridge	NA	Weak Bridge	800
3	Mendabari	Dakshin Satali Nakadala Jhora Bridge	NA	Weak Bridge	700
4	Mendabari	Kodal Busty Wooden Bridge	NA	Weak Bridge	850
5	Mendabari	Sanibar Hatkhola Bridge	NA	Weak Bridge	900
6	Mendabari	Uttar Mendabari Jungle Camp Wooden Bridge	NA	Weak Bridge	600
7	Mendabari	Paschim Satali Bridge	NA	Weak Bridge	700
8	Mendabari	Dakshin Mendabari FV Nagru Busty	NA	Weak Bridge	900
9	Mendabari	Paschim Satali Kulti Bridge	NA	Weak Bridge	700
10	Mendabari	Paschim Satali Bania Bridge	NA	Weak Bridge	900
1	Latabari	NIL	NA	NIL	NIL
			NA		
1	Rajabhakhawa	NIL	NA	NIL	NIL

c. Vulnerable / Damaged Sluice Gates :-

Sl. No.	Name of G.P.	Name of the Weak and Vulnerable Sluice Gates	Location	Reason of its vulnerability	Population likely to be affected
1	Jaigaon-II	NIL	NA	NIL	NIL
1	Jaigaon-I	NIL	NA	NIL	NIL
1	Dalsingpara	NIL	NA	NIL	NIL
1	Chuapara	NIL	NA	NIL	NIL

1	Malangi	NIL	NA	NIL	NIL
1	Satali	NIL	NA	NIL	NIL
1	Kalchini	NIL	NA	NIL	NIL
1	Garopara	NIL	NA	NIL	NIL
1	Mendabari	28 Lakh Sluice Gate		Weak	5000
1	Latabari	Nimtodomohani	26.6168°N 89.4300°E	Very Old	60000
1	Rajabhakhawa	NIL	NA	NIL	NIL

LIST OF BOAT OWNERS :-

Sl. No.	Name of G.P.	Name of Boat Owners	Address	Contact No.	River on which Boat is plying
1	Jaigaon-II	NA	NA	NA	NA
2	Jaigaon-I	NA	NA	NA	NA
3	Dalsingpara	NA	NA	NA	NA
4	Chuapara	NA	NA	NA	NA
5	Malangi	NA	NA	NA	NA
6	Satali	NA	NA	NA	NA
7	Kalchini	NA	NA	NA	NA
8	Garopara	NA	NA	NA	NA
9	Mendabari	NA	NA	NA	NA
10	Latabari	NA	NA	NA	NA
11	Rajabhakhawa	NA	NA	NA	NA

DETAILS OF EXISTING FLOOD SHELTERS :-

Sl. No.	Name of G.P.	Name of flood shelter	Address	Capacity	Overall condition	Present usage	Whether encroached	Position
1	Jaigaon-II	Nil	Nil	Nil	Nil	Nil	Nil	Nil
2	Jaigaon-I	Nil	Nil	Nil	Nil	Nil	Nil	Nil
3	Dalsingpara	Nil	Nil	Nil	Nil	Nil	Nil	Nil
4	Chuapara	Nil	Nil	Nil	Nil	Nil	Nil	Nil
5	Malangi	Nil	Nil	Nil	Nil	Nil	Nil	Nil
6	Satali	Satali flood shelter	Satali	250	damage			
7	Kalchini	Nil	Nil	Nil	Nil	Nil	Nil	Nil
8	Garopara	Nil	Nil	Nil	Nil	Nil	Nil	Nil

9	Mendabari	Mendabari flood shelter	Mendabari	50	useable			
10	Latabari	Nil	Nil	Nil	Nil	Nil	Nil	Nil
11	Rajabhakhawa	Nil	Nil	Nil	Nil	Nil	Nil	Nil

LIST OF TEMPORARY FLOOD SHELTERS :-

Sl. No.	Name of G.P.	Name of flood shelter	Address	Capacity	Position
1	Jaigaon-II	SSK School	Jhama Busty	200	Moderate
2	Jaigaon-II	Ram Krishna School	New Subhash Pally	200	Moderate
3	Jaigaon-II	Madrassa School	Guabari	200	Good
1	Jaigaon-I	Saraswati Pry. School	Khokla	100	Good
2	Jaigaon-I	Jaigaon Development Office	Jaigaon	50	Good
3	Jaigaon-I	Theodore English Mission School	BM Busty	70	Good
4	Jaigaon-I	Manglabari 2 SP Pry. School	Manglabari	150	Good
1	Dalsingpara	Sri Ganesh Vidyalaya	Dalsingpara	2000	Good
1	Chuapara	Hatimara TG Pry. School	CDTE, Hatimara	200	Satisfactory
2	Chuapara	Basra Div. Pry. School	CDTE, Basra Div.	100	Satisfactory
1	Malangi	Subhasini OD Pry. School	Subhasini TG	350	NA
2	Malangi	Subhasini TG Community Hall	Subhasini TG	250	NA
3	Malangi	Subhasini TG Pry. School	Subhasini TG	600	NA
4	Malangi	Beech TG Pry. School	Beech TG	350	NA
1	Satali	Hasimara New Market Pry. School	New Hasimara	150	Pucca School Building
2	Satali	Mendabari Jr. Basic School	Purba Satali	100	Pucca School Building
1	Kalchini	Bhatpara B TG Pry. School	Bhatpara B TG	250	NA
2	Kalchini	Raimatang FV ICDS Centre	Raimatang FV	30	NA
3	Kalchini	Chinchula TG Pry. School	Chinchula TG	250	NA
4	Kalchini	Raimatang TG Pry. School	Raimatang TG	100	NA
5	Kalchini	Kalchini Trolley Line SSK Centre	Kalchini Out Div.	100	NA
6	Kalchini	Kalchini GP Office Premises	Kalchini	250	NA
1	Garopara	ICDS, Atiabari Purab Line	Atiabari TE	20 %	NA
2	Garopara	ICDS, Atiabari 12-15 No. Line	Atiabari TE	20 %	NA
					NA
1	Mendabari	Paschim Satali ITDP Pry. School	Paschim Satali	200	NA
2	Mendabari	Paschim Satali Baniapara Pry. School	Baniapara	175	NA
3	Mendabari	Dakshin Satali Pry. School	Dakshin Satali	180	NA

4	Mendabari	Satali Nakadala Swarna Pry. School	Satali Nakadala	200	NA
5	Mendabari	Mendabari High School	Mendabari	250	NA
6	Mendabari	Bamandas Smriti Pry. School	Uttar Mendabari	150	NA
7	Mendabari	Dakshin Mendabari Jr.High School	Dakshin Mendabari	300	NA
8	Mendabari	Kodal Busty FVP School	Kodal Busty	150	NA
9	Mendabari	Uttar Mendabari Rava Busty SSK	Rava Busty	100	NA
1	Latabari	Latabari GP Office	Hamiltonganj	600	Good
2	Latabari	Union Academy High School	Hamiltonganj	800	Good
3	Latabari	Hamiltonganj High School	Hamiltonganj	500	Good
4	Latabari	Uttar Latabari High School	Uttar Latabari	600	Good
5	Latabari	Nimtijhora High School	Nimtijhora	500	Good
1	Rajabhakhawa	Jainti High School	Jainti	200	26°158.9"N 89°3640.9"E
2	Rajabhakhawa	MMC Club	Rajabhatkhawa	50	26°3651.5"N 89°3143.9"E
3	Rajabhakhawa	Gadadhar Pry. School	Gadadhar	30	26°3334.0"N 89°3652.5"E
4	Rajabhakhawa	Garam Busty Pry. School	Garam Busty	100	26°3334.0"N 89°3109.0"E
5	Rajabhakhawa	Poro Pry. School	South Poro	200	26°3307.8"N 89°2825.4"E

TEMPORARY HELIPAD / AIR – DROPPING POINT :-

Sl. No.	Name of G.P.	Name of Place	Address	Position
1	Jaigaon-II	Nil	Nil	NA
2	Jaigaon-I	Khokla Forest Busty	Khokla, Jaigaon	NA
		Nani Bhattacharjee College Ground	Ramgaon, Jaigaon	NA
3	Dalsingpara	G. B. Busty MSK ground	Gopal Bdr. Busty, Dalsingpara	NA
4	Chuapara	Chuapara TE Football ground	Chuapara Main Market	NA
		Chuapara TE Helipad	Chuapara Manager's Club	NA
5	Malangi	Subhasini TE Football Ground	Shubasini TE, Near NH-31	NA
6	Satali	Madhu TE Football Ground	Madhu TG	NA
7	Kalchini	Kalchini Thana Ground	Near Kalchini Police Station	NA
8	Garopara	Rajabhat TE Football Ground	Rajabhat TE	NA
9	Mendabari	Satali Nakadala Segunbari Ground	Satali Nakadala	NA

10	Latabari	Union Academy School Ground	Hamiltonganj Main Road	NA
11	Rajabhakhawa	28 Basty Helipad	28 Basty FV	NA

BLOCK DISASTER MANAGEMENT COMMITTEE (BDMC) :-

Sl. No.	Name of the members	Designation	Contact No.
1	Smt. Nirmala Majhi	Savapati	9932342214
2	Sri Rajib Tarafder	BDO	8918048648
3	Sri Kalidas Mukharjee	Sahakari Savapati	9434319204
4	Sri Gobinda Ch. Roy	Jt. BDO	7384012081
5	Dr. Sudipa Banerjee	BMOH	9830797316
6	Sri Biswanath Sarkar	ADA	9474628020
7	Sri Nabin Yonzon	BL& LRO	8670596383
8	Sri Sayak Das	CDPO	9836552032
9	Sri Ranjit Das	BDMO	9434603948
10	Sri Narendra Chakraborty	APO	9475810281
11	Officer- In- Charge	Officer- In- Charge, Kalchini PS	9733306366
12	Officer- In- Charge	Officer- In- Charge, Jaigaon PS	9800990408
13	Officer- In- Charge	Officer- In- Charge, Hasimara PS	9874651548
14	Officer- In- Charge	Hasimara Fire Station	9475477761
15	Sri Dhurdeo Oraon	UDA (Elec)	9593531910
16	Sri Surajit Sarkar	SAE	9614040392
17	Sri Dhiraj Subba	C.I.	7797189727
18	Sri Kamal Roy	SAE	9851554505
19	Sri Apurba Roy	SEO	9434626740
20	Sri Gautam Lama	Relief Clerk (UDA)	9002553013

List of NGOs (Deals with Disaster Management) :-

Sl. No.	Name of the NGO	Address	Contact No.
1	Samaj Kalyan Sangha (Sec)	Daragaon, Jaigaon	
2	Youth Sporting Club (Sec)	Khokla , Jaigaon	
4	North Bengal Dhumkuriya Academy	Satali Basty	9609839078
5	Trust,Lok Kalyan Parishad	Hamiltonganj	9641608940
6	Mahila Sishu Suswastha Suchetana Org. (MSSO)	Hamiltonganj	9733272943
7	Rural Aid	Hamiltonganj	8509391010

. List of Certified Civil Defence Volunteers / Trainees :-

Sl. No.	Name of the volunteers / trainees	Father's Name	Address	Contact No.
1	Samir Dutta	Sri Nirapada Dutta	Nimti Domohoni P.O- Nimti Domohoni, Dist.-Alipurduar	8145515898
2	Sushma Chhetri	Sri Arjun Chhetri	Kalchini Gore line, P.O- Kachini, Dist.-Alipurduar	8101518998
3	Pushpa Chhetri	Sri Arjun Chhetri	Kalchini Gore line, P.O- Kachini, Dist.-Alipurduar	8906669914
4	Laxmi Dutta	Sri Nirapada Dutta	Nimti Domohoni P.O- Nimti Domohoni, Dist.-Alipurduar	8145515898
5	Mritunjoy Biswas	Sri Sukamal Biswas	Kalchini chowpathi, P.O- Kalchini, Dist.-Alipurduar	9733228611
6	Tanmoy Kumar Ghosh	Sri Aloke Kr. Ghosh	Hamiltongaj Dipo Line, P.O- Halmiltonganj, Dist.- Alipurduar	9547112778

EVACUATION PLAN :-

Name of the GP	Name of the Village	Name of Rescue Shelter	Location	Name of Para / Lane from where people will come	Shortest route to be used by the villagers	Alternative route, if any	Contact person with Phone No.
Jaigaon-II	Guabari	High Madrasa	Guabari	Guabari Chowk	Guabari Chowk	No	9002845599
Jaigaon-II	Jhama Busty	SSK, School, Jhama busty	Jhama Basty	Jhama Basty Road	Sunsuni Bazar Road	No	9775971011
Jaigaon-II	Talabusty	Hindi Pry. School, Guabari	Guabari	Natun Masjid Road	Nearnajrul HouseRoad	No	7602835570
Jaigaon-II	Subhash Pally	Hari Mandir, Subhash pally	Subhas Pally	Kali Mondir Road	Kali Mondir Road	No	9647102379
Jaigaon-I	Khokla Basty	Saraswati Pry School	Khokla	Khokla Basty	GP Road	No	
Jaigaon-I	Daragaon	Jaigaon Dev. Office	Daragaon	Daragaon	GP Road	No	Suchitra Roy 9593045122
Jaigaon-I	CM Busty	Theodore English Mission	BM Basty	BM Basty	GP Road	No	Nanu Lama 9749026552
Jaigaon-I	Manglabari	2 State Plan Pry School	Manglabari	Manglabari	GP Road	No	Padma Das 9733332947
Jaigaon-I	Ramgaon	2 State Plan Pry School	Ramgaon	Ramgaon	GP Road	No	Rita Rai 9933877138
Jaigaon-I	Hatkholra	2 State Plan Pry School	Hatkholra Basty	Hatkholra	GP Road	No	Tika Maya Sunar

							9800602442
Dalsingpara	Madhu TG	Sri Ganesh Vidyalaya	Dalsingpara Bazar	Mohua TG	From Mohua TG Primary School to Dalsingpara Bazar Via Hish waya	Via Mohua TG road to NH Road	9734961171
Dalsingpara	RB BASTY			RB BASTY	Via 9 No. Road to Dalsingpara Bazar via NH	Via 5 no Road	
Dalsingpara	GB BASTY			GB BASTY	Via PMGAY Road to Dalsingpar Bazar via NH	Via Station Line	
Dalsingpara	Jatu Line			Jatu Line	Via DalsingPara TG Road	Via DalsingPa ra TG Private Road	
Chuapara	Basra Div	Basra Div SSK	Basra Div	Basra Pry. School	Rangamati Road	Basra TG Road	Ajay Sonar 78729908187
Chuapara	HAtimara Pry. School	HAtimara Div	HAtimara Div	Hatimara Pry. School	Hatimara Main Road	Hatimara Main Road	Ashoke Proddhan 8145791706
Malangi	Beech TE,	Beech TG Pry. School	NA	Beech TE,	GP Road	No	NA
	Subhasini TE, Par Malangi	Subhasini TG OD Pry. School	NA	Subhasini TE, Par Malangi	TG Road	No	NA
Satali	Purba Satali	Purba satali Flood Shelter	Purba Satli Flood Centre Mochuyapatty, Kuli Patty	P. Satali New Hasimara	GP Road	No	NA
Kalchini	Raimatang Forest Village	RAimatang F.V. ICDSCentre	NA	Raimatang Forest Village	Kutcha Road	No	Pramod Karki 7908906870
Kalchini	Bijaypur Busty	Bhatpara TG Primary School	NA	Bijaypur Busty	Kutcha Road	PMGSY Road	Binod Karki 9770841791
Kalchini	Bhatpara Godam Lane	Bhatpara A SSK Center	NA	Godam Line	Khola Road	CC Road	Shankar Nag 9735079743
Kalchini	Gangutia Forest busty	Gangutia FB Pry School	NA	Gangutia Forest busty	Kutcha Road	No	Jiban Kr. Lama 9434429513
Kalchini	Chinchula TG	Chinchula Jr high School	NA	Shib Mandir Line	Kutcha Road	No	Tufan Thapa 9733271875
Kalchini	Kalchini TG	Birsha club, ICDS Center	NA	Pipal Talla KamarLine	Union Academy to Petrol Pump Road	No	Kishun Mirdha 9775422432

Kalchini	Kalchini Modi Line	Kalchini High School	NA	Modi Line New Line Malibari	Kalchini Thana road	No	Kabita Choudhury 9593896080
Kalchini	Kalchini Mayalu Chowk	Majdoor Vidyalaya	26.689645 : 89.451092	Godam Line	Kutch Road	No	Raj Majhi 9749454915
Garopara	Garopara DimaBitch Line	Dima Jr High School	Dima Bitch Line	Dima Bitch Line	Main Road	Nil	John Minj 9134966806
Mendabari	Paschim Satali	ITDP Pry School	2640'36" N 8921'06"E	Paschim Satali	Village road	Via Hasimara	9641669057 7679250134 9800609533
Mendabari	Baniapara	Baniapara Pry School	263942" N 892303"E	Bania Para	Village road	Via Dakshin Satali	7679250134
Mendabari	Dakshin Satali	Dakshin Satali Pry School	263952" N 892320"E	Dakshin Satali	Village road	31 NHC	8101263974
Mendabari	Uttar Mendabari	Bamandas Smriti Pry School	2636'29.5" N 8925'1.6"E	Uttar Mendabari	Village road	31 NHC	7602548946 9733099593
Mendabari	Satali Nakadala	Swarna Pry School	263908.5" N 8924'04"E	Satali Nakadala	Village road	31 NHC	9734034760
Mendabari	Kodal Busty	FVP School	2643903" N 892052"E	Kodal Busty	Village road	31 NHC	9609068165 9647551530
Mendabari	Dashin Mendabari	Jr High School	2635'55.4" N 8925'06.3"E	Dashin Mendabari	PMGY Road	Another Village road	9635351819
Mendabari	Rava Busty SSK	Uttar Mendabari Rava Busty SSK	2637'39.3" N 8923'37.1"E	Rava Busty	PMGY road	31 NHC	8116724633
Latabari	Depot Para	Latabari GP	26.6866°: 89.4246°	Forward Nagar Hamiltonganj Bazar, Rabindr a Nagra	From PWD to Forward Nagar, Bazar, Rabindra Nagar	NO	9434319204
Latabari	Subhaspally	Hamiltonganj High School	26.6866°: 89.4246°	Bibek Nagar Subahhaspally Shymaprasad	From PWD to Bibek Nagar, Subhaspally	No	9800585354
Latabari	Bibek Nagar	Union Academy	26.6866°: 89.4246°	Forawrd Nagar, hamiltomganj Bazar.Rabindra Nagar Bibek Nagar, Subhaspally, Shyamaprasad	From PWD Forawrd Nagar, hamiltomganj Bazar.Rabindra Nagar Bibek Nagar, Subhaspally,	No	9800072164

					Shyamaprasad		
Latabari	Uttar Latabari	Uttar Latabari Hindi high School	26.6748° 89.4246°	Uttar Latabari, Dakshin Latabari, Nimtidomohani	From PWD Uttar Latabari, Dakshin Latabari, Nimtidomohani	NO	
Latabari	Nimtijhora TG	Nimtijhora High School	26.6748° 89.4246°	Nimtijhora TG	Patkapara Road	NO	9002357658
Rajabhakhawa	Jayanti	Jayanti High School	26°41'58.9"N 89°36'40.9" E	Jainti River Side Village	GP Road	NO	Totan Das
Rajabhakhawa	Rajabhatkhawa	MMC Club	26°36'51.5"N 89°31'43.9" E	Bazar Side	GP Road	NO	Manoj Agarwal
Rajabhakhawa	Gadadhar	Gadadhar Pry School	26°33'34.0"N 89°36'52.5"E	Gadadhar dibasi Para	GP Road	NO	Amir Rava
Rajabhakhawa	Garambasty	Garam Basty Pry School	26°33'34.0"N 89°31'09.0"E	Chhota Para	GP Road	NO	Bikash Kumar Singh
Rajabhakhawa	Poro Basty	Poro pry School	26°33'07.8"N 89°28'25.4"E	South Poro	GP Road	NO	Badal Rava

FALAKATA

1	Geographical Area	354.28 Km ²
2	Total population	2,90,457
3	Density of population	820/sq km
4	Male population	1,49,626
5	Female population	1,41,096
6	Percentage of Male population	51.46%
7	Percentage of Female population	48.53%
8	Sex ratio	1000:945
9	Scheduled Caste population	1,18,281
10	Male SC population	61,202
11	Female SC population	57,079
12	Percentage of SC population	40.68%
13	Scheduled Tribe population	46,293
14	Male ST population	23,537
15	Female ST population	22,756
16	Percentage of ST population	15.92%
17	Literate population	1,85,868
18	Male Literate population	1,03,815
19	Female Literate population	82,053
20	Percentage of Literate population	63.93%
21	Percentage of Male Literate population	35.07%
22	Percentage of Female Literate population	28.22%
23	Birth rate	----
24	Death rate	----
25	Mortality rate	----
26	Total No. of Gram Panchayats	12
27	Total No. of Gram Sansads	176
28	Total No. of polling stations	241
29	Total No. of Tea Gardens	06
30	Total No. of Police Stations	01
31	Important establishments	----
32	Total No. of Police Outposts	----
33	No. of Primary Schools	160
34	No. of Jr. High & High Schools	42
35	No. of Polling Stations	228
36	No. of ICDS Centers	462
37	No. of SSK	110
38	No. of MSK	14
39	No. of Tube-Wells	----
40	No. & Name of PHC	----
41	Total No. of Hospitals	----
42	No. of mobile medical van	----
43	Total No. of Flood Shelter	----
44	Percentage of agricultural land	----

Financial Institutions:

Sl. No	Name of the Institution	Address	Telephone Number
1	Uttar Banga Khetrya Gramin Bank,Babu para	Babu para, Falakata	03563-260157
2	Central Bank of India,Jateswar	Jateswar	
3	SBI, Falakata Br	Falakata	03563-263-505
4	CBI,Umacharanpur, SBI Kiosk	umacharanpur	
5	Uttar Banga Khetriya Gramin Bank,Bhutnirghat	Bhutnirghat	03563-261026
6	United Bank of India	Falakata	
7	Bank of India	Falakata	
8	Central Cooperative Bank	Falakata	03563-260997
9	Life Insurance Corporation of India	Falakata	03563-260222
10	Falakata Post Office	Falakata	03563-260229

Communication Facilities:

Sl.No	Name of the GP	Telecommunication (Y/N)	No. Of Boats		No. Of Bus		No. Of Trekker		No. Of Tractor		No. Of Jeeps		No. Of Two Wheelers	
			G	P	G	P	G	P	G	P	G	P	G	P
1	Falakata I	Yes	Not Available	Not Available										
2	Falakata II	Yes												
3	Moiradanga	Yes												
4	Salkumar	Yes				3		15		25		NIL		200
5	Jateswar I	Yes												
6	Jateswar II	Yes												
7	Dalgaon	Yes												
8	Parangerpar	Yes												
9	Guabernagar	Yes												
10	Dhanirampur I	Yes				Nil		25		100				1000
11	DhanirampurII													
12	Deogaon					Nil		15		30		1		1000
	Total													

Transport and communication network

✚ VHF station/ Telecommunication links/IMD system/ other: Yes

✚ Road network – National Highway – 31km Major District Roads 22 km, Other District Roads 42 km, Panchayat Samiti Roads 90 km, Village Roads 25 km:

✚ Waterways: Nil

✚ Railways: NF Rly Section from New Jalpaiguri to Alipurduar Junction route with Dalgaon, Mujnai and Madarihat Stations approx. 15 km

✚ Internet facilities: Yes

✚ HAM amateur radio stations:

IMPORTANT CONTACT NO.

<u>Sl. No.</u>	<u>Name</u>	<u>Designation</u>	<u>Mobile No.</u>
01	Ms. Smreeta Subba	Excutive Officer, Falakata Panchayat Samity & Block Development officer Falakata.	7797864000
02	Smt. Sandhay Biswas	Sabhapati, Falakata Panchyat Samity & Kamadhakshya, Artha Sanstha,Unnaya-O-Parikalpana Sthayee Samity	9734978283
03	Sri Anil Adhikari	MLA, FALAKATA	9434601626
04	Sri Jatindra Ch. Roy	Sahakari Savapati, Falakata Panchayat Samity	9434601652
05	Smt. Sutapa Bhadra	Karmadhakshya, tran sthayee samity	9749376321
04	Sri Tshering Dhondn Bhutia	Joint Executive Officer & Joint Block Development Officer ,Falakata	8116470389
06	Sri Binod Gazmer	Officer in charge ,Falakata Police Station.	8945532739
07	Dr. Sourav Sharma	BLDO, FALAKATA.	8250049859
08	Dr.Mizanul Islam	BMOH, Falakata.	8967659080
09	Sri Pradip Sarkar	Officer in charge, Falakata Fire station.	9434228737/ 8348908060
10.	Sri Debashis Das	BDMO, Falakata	8906464318
11.	Sri Bapi Das	SAE, Irrigation Department, Falakata.	9475385398
12.	Sri Mithun Barman	CDPO, Falakata	9681139839
13.	Sri Supriya Das	SAE, Irrigation Department,Birpara.	9434503578

SL NO.	GP NAME	MOUZA NAME	JL. NO.	VILLAGE CODE
1	DHANIRAMPUR-I	Jogijhora Brabak	1	1184
2		Narshingpur	2	1185
3		Mechuadhura Balabathan	3	1186
4		Ethelbari T.G.	5	1187
5		Deomali	4	1188
6	DHANIRAMPUR-II	Dhanirampur	11	1189
7		Ghatpar Sarugaon	12	1190
8		Khagenhat	10	1191
9		Changmaritari	6	1192
10		Shisabari Sarugaon	9	1193

11		Sarugaon TG	13	1194
12	DALGAON	Dalmoni T.G.	7	1195
13		Dalgaon Forest	8	1196
14		Tasati T.G.	32	1197
15		Dalgaon T.G	33	1198
16		Alinagar	30	1199
17	JATESWAR-I	Benkandi	31	1200
18		Dhulagaon	40	1201
19		Karaiibari	35	1202
20		Dalgaon (Jateswar-I)	34	1203
21		Hedayatnagar	29	1204
22		Jateswar	28	1205
23	JATESWAR-II	Kathalbari	26	1206
24		Dalimpur	25	1207
25		Kshirerkote	24	1208

LIST OF MOUZAS UNDER FALAKATA BLOCK

SL NO.	GP NAME	MOUZA NAME	JL. NO.	VILLAGE CODE
56	PARANGERPAR	Parangerpar	22	1239
57		Baganbari	23	1240
58	FALAKATA-I	Falakata	21	1241
59	FALAKATA-II	Chuakhola		1242
60		Kalipur		1243
61		Raichanga		1244
62		Banshidharpur		1245
63		Dakshin Parangerpar		1246
64		Kadambini T.G.		1247

SL NO.	GP NAME	MOUZA NAME	JL. NO.	VILLAGE CODE
26	GUABARNAGAR	Guabarnagar	27	1209
27		Malsagaon	14	1210
28		Pramodnagar	15	1211
29		Gokulnagar	16	1212
30		Balasundar	17	1213
31		Joychandpur	18	1214
32		Bhutnirghat	19	1215
33		Baradoba	20	1216
34	SALKUMAR	Umacharanpur	53	1217
35		Khawchand Para	54	1218
36		Paschim Salkumar	52	1219
37		Chhoto Salkumar	51	1220
38		Badaitari	55	1221
39		Shibnathpur	56	1222
40	MAIRADANGA	Satpukuria	48	1223
41		Moiradanga	49	1224
42		Lachmandabri	57	1225
43		Kunjanagar	58	1226
44		Taluketari	50	1227
45		Jogendrapur	47	1228
46	DEOGAON	Uttar Deogaon	36	1229
47		Purba Deogaon	37	1230
48		Madhya Deogaon	39	1231
49		Dakshin Deogaon	38	1232
50		Jharbaltali	42	1233
51		Paschim Deogaon	41	1234
52		Purba Jharbaltali	43	1235
53		Nabanagar (Deogaon)	45	1236
54		Harinathpur	46	1237
55		Beltali Bhandani	44	1238

River & Canals:

Sl. No	Name of the river/canals	Name of the Place	Danger Level
1	Mujnai	Originated from springs near Mujnai-Bangabari area, Titi-Bangri rivers meet with Mujnai near the source then continues flowing towards south Rengalibazna and then entered in Falakata block.Jateswar II, &I ,Deogaon,Guabernagar , Falakata I	NA
2	Dudua	Flowing through Dhanirampur-II Guabernagar GP,	NA
3	Gergenda	Flowing through Jateswar I	
4	Birkiti	Flowing through Jateswar I&II and Guabernagar,	
5	Tatasi	Flowing throughDalgaoon Dhanirampur -II	
6	Koli	Flowing through Jateswar I , Dalgaoon, Dhanirampur I, &IIGuabernagar	
7	Kalua	Flowing through Dhanirampur I	
8	Chorritorsa	Flowingthrough Falakata II,	
	Buritorsha	Flowing through Deogaon	

No and name of rivers

Name of the River.	Name of the Areas affected by the river.		Total no of people affected by flood.	Nearest Flood Shelter.
	Grampanchyat.	Village		
1.Mujnai canal.	Deogaon	Uttar Deogaon, Jharbeltali.	500 nos	Jharbeltali Pry School.
2.Mujnai River	Deogaon	Saha Para, Hedayet Nagar.	2000 nos	Deogaon High School.
3.Mujnai River	Jateswar-2	Dalimpur, Kathalbari.	3000 nos	Kathalbari BPF School, Kshirerkote High School.
4.Birkishi River	Guabarnagar	Lotahara(Tribal Area), Guabarnagar, Balasundar, Baradoba.	12,000 nos	Bhutnirghat High School.
5.Tatasti River	Guabarnagar	Lotahara(Tribal Area), Guabarnagar, Balasundar, Baradoba.	12,000 nos	Bhutnirghat High School

Name of the River.	Name of the Areas affected by the river.		Total no of people affected by flood.	Nearest Flood Shelter.
	Grampanchyat.	Village		
6.Holong canal	Salkumar	Upper Khawchand Para.	100 nos	Birsha Vidya Bhawan,Badaitari Uzuria High Madrasha.

7.Dolong River	Moiradanga	Kunjanagar, Moiradanga.	250 nos	Goppu Memorial High School, Nizamuddin High School.
8.Koli River	Dhaniampur 2	Shisha Bari Shoru Gaon, Shoru Gaon T.G, Holir Ghat	5000 nos	Nathani Singh High School,Chengmaritari BPF School.
9.Birkishi River	Dhanirampur-1	Narshingh Pur, Jogijhorabarabak, Deomali.	1000nos	Jogi Jhora Pry School & Deomali Pry School.

No and name of rivers

Name of the River.	Name of the Areas affected by the river.		Total no of people affected by flood.	Nearest Flood Shelter.
	Grampanchyat.	Village		
10.Dudua River	Guabarnagar	Lotahara	6000 nos	Bhutnirghat High School
11.Chorri Torsha	Moiradanga	Kunjanagar, Moiradanga.	1000 nos	Goppu Memorial High School, Nizamuddin High School.
12.Chorri Torsha	Falakata 2	Banshidharpur, Kalipur.	1000 nos	Banshidharpur Pry School.
13.Mujnai River	Falakata I	Uttar Baradoba, Sholmari Danga, Srilanka, West Falakata, Janata Colony, Dinbazar.	500 nos	Dinbazar shed, Sisu Sadan Pry School.
14.Mujna River	Jateswar 1	Dhulagaon	2000 nos	Baganbari Pry School
15.Buri Torsha River	Parangerpar	Parangerpar, Baganbari.	1000 nos	

VULNERABLE LOCATION/AREA

(a) Vulnerable/Damaged Embankment:

Name of the Weak/ Vulnerable Embankment	Location	Affected by River	Reason of its vulnerability	Population likely to be affected.
1.Balasunder embankment.	Balasunder, Guabarnagar G.P.	Dudua.	Flash flood.	12000 nos
2.Nabanagar embankment.	Nabanagar, Jateswar-1 G.P.	Mujnai	Flash flood	2000 nos
3.North Nabanagar embankment.	Nabanagar, Jateswar-1 G.P.	Mujnai	Flash flood	2000 nos
4.College Para embankment.	College Para, Guabarnagar G.P	Dudua	Flash flood	500 nos
5.Jharbaltali embankment.	Jharbaltali, Deogaon G.P	Mujnai	Flash flood	500 nos
6.Protection of Paschim Falakata area behind SSB Camp.	Paschim Falakata, Parangerpar G.P	Mujnai	Flash flood	1200 nos

7. Protection of Borodoba area.	Borodoba, Guabarnagar G.P	Mujnai	Flash flood	500 nos
8. Lafabari embankment.	Lafabari, Falakata-2 G.P	Chartorsha	Flash flood	1000 nos
9. Protection of embankment of Chuakhola area.	Chuakhola, Falakata -2.	Dolong	Flash flood.	500 nos
10. Jogenderpur embankment.	Jogenderpur, Falakata-2	Dolong	Flash flood	700 nos
11. Protection of embankment of Chengmaritari area.	Chengmaritari, Dhanirampur-2	Mujnai	Flash flood	500 nos
12. Kadambini embankment.	Falakata-2	Char Torsha	Flash Flood.	500 nos
13. Uttar Deogaon	Deogaon	Mujnai	Flash Flood	700 nos

Bank Protection Work

- I. North Nabanagar B.P work along the L/B of the river Mujnai.
- II. Jharbeltali B.P work along the L/B of the river Mujnai.
- III. Paschim Deogaon B.P. work along the L/B of the river Mujnai.
- IV. Rangalibazna B.P work along the L/B of the river Mujnai.
- V. Mohan Sing High School B.P. Work along the L/B of the river Mujnai.
- VI. Baganbari B.P work along the L/B of the river Mujnai.
- VII. Prodhan para B.P work along the L/B of the river Mujnai.
- VIII. Paschim Falakata B.P work along the L/B of the river Mujnai.
- IX. Nabanagar B.P work along the L/B of the river Mujnai.
- X. Jogendrapur B.P work along the R/B of the river Dolong.
- XI. Gopenagar B.P work along the L/B of the river Dolong.
- XII. Vulnerable/ Damaged Wooden Bridge:

Location	Grampanchyat	River
1. Falakata- Alipurduar road.	Falakata-2	Dolong
2. Falakata- Alipurduar road. (Balurghat)	Falakata-2	Chorri Torsha
3. Falakata- Alipurduar road. (Shishergore Bridge)	Falakata-2	Buri Torsha

DETAILS OF EXISTING FLOOD SHELTERS

Name of Flood shelter.	Address	Capacity	Latitude	Longitude
1. Promod Nagar Pry School	Promod nagar, Guabarnagar	200 people	26°35'01.6"N	89°07'11.9"E
2. Promod Nagar High School	Promod nagar, Guabarnagar	2500 people	26°34'28.3"N	89°06'56.7"E
3. Guabarnagar Pry School	Guabarnagar	200 people	26°34'05.2"N	89°07'20.0"E
4. Dinbazar Shed, Sishu Sadan Pry School.	Masalapatty, Falakata.	200 Pepole	26°31'19.5"N	89°11'59.6"E
5. Subhash Girls High School	Subhashpally, Falakata.	2000 People	26°31'19.4"N	89°11'59.5"E
6. G.P Office (Falakata-2), Raichenga Vidya Niketan.	Raichenga, Falakata	2000 People	26°30'42.1"N	89°13'31.1"E
7. Nabanagar Pry School	Nabanagar, Jateswar.	300 People	26°34'26.5"N	89°09'40.6"E

TEMPORARY HELIPAD/ AIR-DROPPING POINT

Name of the Gram Panchyat	Name of the probable Helipad	Latitude	Longitude
Guabar Nagar	Bhutnirghat high School	26°34'06.2''N	89°06'20.0'' E
Jateswar-1	Jateswar High school	26°36'17.3''N	89°08'34.2''E
Falakata-1	Town Club Ground	26°31'19.5''N	89°11'59.6''E
Deogaon	Deogaon High School Ground.	26°37'52.9''N	89°02'11''E
Dhanirampur-1	Narsinghpur Jr High SchoolGround.	NIL	NIL

Block Disaster Management Committee (BDMC)**Transportation (Road)**

Dhanirampur-2	Khagenhat N.S High School Ground.	NIL	NIL
Moiradanga	Moiradanga Goppu Memorial high School Ground.	NIL	NIL
Salkumer	Virsha Vidyabhavan High School.	NIL	NIL
Falakata-2	Raichanga Vidya NiketanGround	NIL	NIL
Dalgaon	Dalgaon Tea Graden Ground.	NIL	NIL

Type of Vehicles	Contact person and address	Government/ Private	Telephone Office/ Res.
Tractors	Sri Sankar Mahato		9733404134
Bus	Sri H.K Mukherjee	Private	9434490872
Truck/ Mini truck	SrinAsit saha, Sri H.K. Mukherjee	private	9609897244
Trekker			

Traders:

Type of Traders	Contact person and address	Telephone Office/ Res.
House building materials	Sri Suranjan Rudra	9641031345
Groceries	Sri Basu Paul	9434450018
Medicine shop	Sri Prodip Kr Roy,	9832039334

Tents and Tarpaulins	Sri Gopal Ch biswas	9832352315
Hardware shops		
Rice mill		
Fuel wood		
Electrical Equipments	Sri Kalyan Shankar Kundu	9733193493
Hotels/Restaurants	Sri Ranjit Kundu & Sri Kalyan Kundu	03563-260009
Farm inputs		
Fuel		

Earth moving and Road cleaning equipments:

Type of Equipment	Contact person and address	Telephone Office/ Res.
JCB	Madan Badani, BDO Office para	9434192404
JCB	Sri paresh Saha Jagannath Saha Bank Road, Samir Saha,Masalla patty	9434410920
Vehicle Towing Cranes		

KUMARGRAM

BLOCK PROFILE

1	Geographical Area	:	501.12 sq. km.
2	Total population	:	1,99,609
3	Density of population	:	391 (per Sq. Km.)
4	Male population	:	102592
5	Female population	:	97017
6	Percentage of Male population	:	51.41
7	Percentage of Female population	:	45.58
8	Sex ratio	:	945
9	Scheduled cast population	:	71417
10	Male SC population	:	
11	Female SC population	:	
12	Percentage of SC population	:	36.93%
13	Scheduled Tribe population	:	59877
14	Male ST population	:	
15	Female ST population	:	
16	Percentage of ST population	:	31.92%
17	Literate population	:	129327
18	Male Literate population	:	72410
19	Female Literate population	:	56915
20	Percentage of Literate population	:	64.79%
21	Percentage of Male Literate population	:	55.98%
22	Percentage of Female Literate population	:	44%
23	Birth rate	:	11.35%
24	Death rate	:	
25	Mortality rate	:	
26	Total No of Gram Panchayats	:	11 Nos
27	Total No of Gram Sansads	:	107 Nos
28	Total No of Polling station	:	
29	Total No of Tea Gardens	:	10 Nos
30	Total No of Police Stations	:	1 Nos
31	Important establishments	:	
32	Total No of Outposts	:	4 Nos
33	No. of Primary School	:	127 Nos
34	No. of Jr. High & High School	:	Jr. High-19 ,Girl's & Boy's High School -12 , Higher secondary School -7
35	No. of Polling Stations	:	180 Nos

36	No. of ICDS centers	:	533 Nos
37	No. of SSK	:	64 Nos
38	No. of MSK	:	10 Nos
39	No. of Tube- Wells	:	
40	No. & Name of PHC	:	2 Nos
41	Total No. of Hospitals	:	1 Nos B.P.H.C.
42	No. of mobile medical van	:	
43	Total No. of Flood Shelter	:	3 Nos
44	Percentage of agriculture land	:	
45	Percentage of industrial area	:	

Important Contact No:

Sl.No.	Name	Designation	Address	Phone No.	
				Office	Residence/Mobile
1	Smt Menuta Basumata	Chairperson of DRMP	Kumargram	252214	9775472775
2	Sri Bidhan Chandra Pandey	Convenor of DRMP	Kumargram	252239	7797864300
3	Sri Jayanta Roy	Jt. Convenor of DRMP	Kumargram	252239	9932445774/ 8373064246
5	Sri Biplab Narjinary	Sahakari Savapati & Member	Kumargram	252214	9734940690
6	Dr. Abhijit Das	BMOH & Member	Kamakhyaguri	260361	9832317252
7	Smt. Gargi Paul	ADA & Member	Kumargram	263090	8016487183
8	Sri Alok Paul	Irrigation & Waterways, Kamakhyaguri	Kumargram	260335	9434256049
9	Gour Sundar Naskar	BL&LRO & Member	Kamakhyaguri	260318	8759269546
10	Sri Ranjit Natta (Dutta)	CDPO & Member	Kumargram	252660	9932760238
11	Sri Narendra Kalikote	I.C,Kumargram & Member	Kumargram P.S.	252224	9733008408
12	Sri L. P Bhutia	O/c Out Post & Member	Samuktala P.S.	240300	9932689473
13	Sri P. P Bhutiya	O/c Out Post & Member	Kamakhyaguri	260730	8116489584
14	Sri thewing Lama	O/c Out Post & Member	Barobisha	263344	9051220303
15	Sri Niren Roy	O/c Out Post & Member	Hatipotha		7872938288
16	Sri Bijay Barman	O/c Out Post & Member	Khoardanga		9332588986
17	Sri Binay Sarkar	O/c Barobisha Fire Station	Barobisha	263101	9434083927
18	Sri Koustab Das	Station Manager, WBSEDCL	Kamakhyaguri	260178	8348695221
19	Sri Anitaba Pramanik	BLDO & Member	Kamakhyaguri	260374	9475889084
20	Sri Samaresh Paul	P.W.D (Asst. Engineer)	Kamakhyaguri	260332	9474340907

21	Sri Himanish Das	Inspector, Food & Supplies	Kumargram B.D.O. Office		9874253548
22	Smt Morium Oraon	Tran Karmadhakshya & Member	Amarpur		9002951714
23	Smt Triptilata Narjinary	ZP Member & Member	Kumargram		9735905912
24	Smt. Sheela Das Sarkar	ZP Member & Member	Kumargram		8768835281
25	Sri Samendra Tirkey	ZP Member & Member	Kumargram		8768803530
26	Sri Naren Sutradhar	NGO & Member	KREDA		9434191319
27	Rajjack Mallick	NGO & Member	Kumargram	252628	9733123170
28	Sri Elambar Roy	B.D.M.O in charge	Kumargram	252239	9609582403
29	Sri Ranjan Barman (R/C)	Member	Kumargram	252239	9932588173

Details of Gram Panchayet :

Name of the Gram Panchayat	Trigger Person (By Name)	Contact Nos.	Next Link (By Name)	Contact Nos.
Newlands, Kumargram, Sankosh (N.K.S.)	Sri Krishna Baral, Pradhan	7407858094	Sri Abdus Samad, Secretary	9434411733
Kumargram	Sri Manaj kumar Das	9734172752 9593696689	Sri Malay Nag, E/A.	9733373782
Chengmari	Smt. Malina Narjinary, Pradhan	8348587237	Sri Dharendra Debnath	9734985562
Khoardanga-I	Sri Tapan Biswas	8967839226	Sri Asit Bose, E/A.	9733231933
Khoardanga-II	Smt. Mausumi Sarkar (Dey Sarkar), Pradhan	7797831996	Sri Niren Barman, Sahayak	9800219336
Kamakhyaguri-I	Smt. Priyanka Roy, Pradhan	8509526645	Sri Biswajit Biswas, Secretary	7063673600 9733108527
Kamakhyaguri-II	Sri Harmohan Rabha, Pradhan	8670396116	Sri Sadip Roy	9933797085
Rydak	Smt. Swati Oraon (Tirkey), Pradhan	9733314935	Sri Dhankumar Narjinary	9734033488
Turturikhanda	Smt. Naina Oraon Pradhan	7407815080	Sri Malay Nag, E/A.	9733197386
Valka Barobisha-I	Sri Anil Kr. Sarkar, Pradhan	7679505943	Sri Lalit Mohan Das, Secretary	9547936259
Valka Barobisha-II	Smt. Sujala Rava, Pradhan	8101638735	Sri Prahallad Ch. Debnath, E/A.	9333959444

No. & Name of Mouzas :

SI No	Name of Mouza	J.L.No	Gram Panchayat
1	Sachafu	1	Turturikhanda
2	Phaskhawa T.G	2	Turturikhanda
3	Chunia jhora	3	Turturikhanda

4	Jayanti T.G	6	Turturikhanda
5	Turturuikhanda	7	Turturikhanda
6	Jayanti T.G-2	8	Turturikhanda
7	Turturi T.E	9	Turturikhanda
8	Kartik T.G	4	Rydak
9	Rahimabad	5	Rydak
10	Rydak T.G	10	Rydak
11	Rydak Forest	11	Rydak
12	M/Nararthali	12	Khoardanga-II
13	Gochimari	21	Khoardanga-II
14	Pur/Nararthali	20	Khoardanga-II
15	Chhoto Daldali	22	Khoardanga-II
16	Pas/Nararthali	13	Kamakhyaguri-I
17	D/Nararthali	14	Kamakhyaguri-I
18	Pas/Chakchaka	19	Kamakhyaguri-I
19	Telipara	18	Kamakhyaguri-I
20	M/Kamakhyaguri	16	Kamakhyaguri-II
21	D/Kamakhyaguri	17	Kamakhyaguri-II
22	U/Kamakhyaguri	15	Kamakhyaguri-II
23	Pas/Chengmari	26	Khoardanga-I
24	Nararthali	23	Khoardanga-I
25	U/Nararthali	24	Khoardanga-I
26	Marakhata	25	Khoardanga-I
27	Lalchadpur	27	Khoardanga-I
28	Dhantali	28	Khoardanga-I
29	Joydebpur	29	Kumargram
30	Amarpur	30	Kumargram
31	U/Haldibari	35	Kumargram
31	Pukhurigram	36	Kumargram
32	Kumargram	37	Kumargram
33	M/Haldibari	38	Kumargram
34	D/Haldibari	39	Kumargram
35	Paglarhat	40	Kumargram
36	Newlands T.G	31	N.K.S
37	Dhumpara Forest	32	N.K.S
37	Kumargram T.G	33	N.K.S
38	Sankosh T.G	34	N.K.S
39	Chengmari	41	Chengmari
40	D/Chengmari	42	Chengmari

41	Hemaguri	43	Chengmari
42	Boro Daldali	44	Chengmari
43	Ghaksapara	45	Chengmari
44	Radhanagar	46	Volka Barobisha-I
45	Barobisha	49	Volka Barobisha-I
46	Purba Chakchaka	50	Volka Barobisha-I
47	Laskarpara(C.T)	52	Volka Barobisha-I
48	D/Rampur (CT)	51	Volka Barobisha-I
49	Volka Forest	47	Volka Barobisha-II
50	Purba Salbari	48	Volka Barobisha-II
51	Volka	53	Volka Barobisha-II
52	Pakriguri	54	Volka Barobisha-II
53	Baruipara	55	Volka Barobisha-II
54	Majherdabri	56	Volka Barobisha-II

No & Name of Rivers (if any):

Sl No.	No. & Name of the River	Name of the Areas affected by the river	Nearest Flood Shelter
1	Sankosh River	NKS, Kumargram , Valkabarobisha-II	Kumargram & Pakriguri.
2	Rydak-2	NKS, Kumargram , Changmari Valkabarobisha-I Khoardanga-I ,Kamakhyaguri-I Khoardanga-II	Kumargram & Pakriguri, Barobisha
3	Rydak-1	Kamakhyaguri - 2	Barobisha

River Carrying Capacity:

Name of the River	Gauge Station	Danger Level (in Mtrs.)
Sankosh	Sankosh Bridge ATLRP crossing	49.1
Rydak-II	Barobisha (Chakchaka)	49
Rydak	Chepani ATLRP crossing	

Irrigation Projects:

Sl No.	Name of the Project	Area Covered
1	Nararthali Kamakhyaguriki Irrigation Scheme	4000 Acre
2	Jorai Irrigation Scheme	3100 Acre
3	Gholani Irrigation Scheme	2600 Acre
4	Ghakshapara Irrigation Scheme	
5	Kulkuli Irrigation Scheme	2700 Acre

Vulnerable / Damaged Embankment:

Sl No	Name of G.P	Name of the Weak/ vulnerable Embankment
1	NKS	Along the River Sankosh
2	Kumargram	Along the River Rydak
3	Kamakhyaguri I	Along the River Rydak I
4	Khoardanga –I, Khoardanga- II	Along the River Rydak II

List of Boat owners:

Sl. No.	Name of Boat Owners	Address	Name of the G.P.	Contact Number	River on Which Boat is plying
1	a) Sri Amit Lal Chowdhury, S/o Sri Radheshyam Chowdhury	Dhantauli (10/82)	Khoardanga No – I G.P.	8371869076	
	b) Sri Mithun Chowdhury, S/o Daman Chowdhury			9775882026	
	c) Sri Krishna Chowdhury, S/o Sri Daman Chowdhury			9647719714	
	d) Sri Shankar Chowdhury, S/o Daman Chowdhury			7602943697	
2	a) Sri Rabichan Barman, S/o Jiteswar Barman		Kamakhyaguri No – I G.P.		
	b) Sri Arjun Saha, S/o Mahesh Saha				
3	a) There is a country boat under the ownership of Kumargram G.P.	Bittibari	Kumargram G.P.		
	b) Sri Ghashi Lal Das, S/o Lt. Teparam Das	Madhya Haldibari		9733252992	
	c) Sri Parimal Das, S/o Kalachand Das			9733180249	
	d) Sri Pradip Chowdhury, S/o Subedar Chowdhury	Uttar Haldibari			
	e) Sri Bana Das			9733105082	
	f) Sri Ram Sundar Das				
	g) Sri Dhiresh Das, S/o Manik Das				
	h) Sri Nityananda Das				
	i) Sri Radhik Uraon				

	j) Sri Binay Das, / S/o Manik Das				
4	a) Sri Premen Sing Mochhary, S/o Lt. Jogen Mochary		Chengmari G.P.	8116706040	
	b) Sri Sablu Das, S/o Lt. Harishchandra Das	Hemaguri (Hemaguri Ferri Ghat)		9775864304	
	e) Sri Siresh Roy, S/o Lt. Lalit Roy	Bara Daldali (Daldali New Ghat)		9614665706	
	f) Sri Sukumar Roy, S/o Lt Jaladhar Roy	Giladangi Ferri Ghat(Gachimari)		7407021445	
5	a) Sri Ramnarayan Chowdhury	Dhumjhora, Rydak	Rydak G.P.	8145727088	
6	a) Sri Kamal Barman, S/o Lt. Ramani Kanta Barman	Purba Chakchaka	Volka Barobisha No – I G.P.	9635950315	2 Nos.
	b) Sri Sujit Adhikary, S/o Krishna Kanta Adhikary			9933377257	2 Nos.
	c) Sri Naren Pradhan, S/o Lt. Arthanath Pradhan			9609971559	2 Nos.
	d) Sri Tarini Pradhan, S/o Lt. Arthanath Pradhan			9563856700	1 Nos.
	e) Sri Baren Pradhan, S/o Lt. Arthanath Pradhan			9002305258	1 Nos.
	f) Sri Banshi Chowdhury, S/o Lalarak Chowdhury			9679914197	1 Nos.
	g) Sri Tulshi Chowdhury, S/o Lt. Ramjanam chowdhury			9749048834	2 Nos.
	h) Sri Meowalal Chowdhury, S/o Ramjanam Chowdhury			9609962238	1 Nos.
	i) Sri Munshi Chowdhury, S/o Lt. Ramjanam Chowdhury			7029577944	1 Nos.
	j) Sri Kalachand Barman, S/o Lt. Tepu Barman			8967665263	2 Nos.
	k) Sri. Shambhu Barman, S/o Pulen Barman			8927963305	2 Nos.
	l) Sri Binod Barman, S/o Pulen Barman			8967451590	2 Nos.
	m) Sri Tapas Barman, S/o Adhir Barman			8016068135	1 Nos.
	n) Sri Premananda Barman, S/o Lt. Nikhil Barman			9775257612	1 Nos.
	o) Sri Balaram Barman, S/o Lt. Nikhil Barman			7029577977	1 Nos.
	p) Sri Mintu Barman, S/o Supin Barman			9800533073	1 Nos.
	q) Sri Madan Barman, S/o Lt. Phanibhushan Barman			8967265352	1 Nos.
	r) Sri Dayal Barman, S/o Chandra Barman			9002009582	1 Nos.

	s) Sri Natin Barman, S/o Shiben Barman			8972695464	1 Nos.
	t) Sri Binay Barman, S/o Bholanath Barman			9647719585	1 Nos.
	u) Sri Manik Barman, S/o Lt.			9547864734	1 Nos.
	Mahim Barman				
7	a) Sri Dhiren Barman	Purba Salbari	Volka Barobisha No – II G.P.	7863917423	
	b) Sri Ananta Das			9641559022	
	c) Sri Kalam Sekh	Bishnunagar, Majherdabri		8016591146	

Details of Existing flood shelters:

Sl No	Name of the flood shelter	Address
1	Pakriguri Flood Shelter	Pakriguri, Volka Barobisha No – II G.P.
2	Barobisha Flood Shelter	Purba Chakchaka, Barobisha, Volka Barobisha No – I G.P.
3	B.D.O. Office Flood Shelter	Office of the Block Development Officer, Kumargram.

List of temporary flood shelters:

Sl. No.	Name of the School/ Institution	Address
1	Bhutia Basti Beat Office	Jayanti Bhutia Basti
2	Chuniajhora Cha Bagan Pry. School	Chuniajhora Cha Bagan
3	Chuniajhora Hindi Jr. High School	Chuniajhora Cha Bagan
4	Phaskhowa Cha Bagan SC Pry. School	Phaskhowa Cha Bagan
5	Jainti Cha Bagan Staff Club	Jainti Cha Bagan
6	Jainti Cha Bagan Pry. School	Jainti Cha Bagan
7	Subba Line SSK	Jainti Cha Bagan
8	Limbudhura S.C. Pry. School	Jainti
9	Harikala Pry. School	Hatipota Bazar
10	Kaijali Basti S.C. Pry. School	Kaijali Basti, Turturikhanda
11	Turturi khanda M.S.K.	Kaijali Basti, Turturikhanda
12	Turturi Khanda Irrigation Bungalow	Turturikhanda
13	Turturi T.G. Pry. School	Turturi Cha Bagan
14	Turturi Cha Bagan Division Pry. School	Turturi Cha Bagan
15	Rahimabad T.G. Pry. School	Rahimabad T.G.
16	Workers High School	Rahimabad Cha Bagan
17	Rahimabad Islamiya Madrasha	Rahimabad Cha Bagan
18	Rydak F.V. New Pry. School	Kartika Chowpathi

19	Chiro Line AWC	Kartika Chowpathi
20	Kartik T.G. Pry. School	Kartika Cha Bagan
21	Bidyasagar SSK	Kartika Cha Bagan
22	Rydak Cha Bagan Pry. School (Room No-1)	Rydak Cha Bagan
23	Jiban Xalxo SSK	Rydak Cha Bagan
24	Rydak Cha Bagan Pry. School (Room No-2)	Rydak Cha Bagan
25	Rydak Cha Bagan Bengali Pry. School	Rydak Cha Bagan
26	Merry Margaret SSK	Rydak Cha Bagan
27	Rydak Cha Bagan Labour Club	Rydak Cha Bagan
28	Tali Line SSK	Rydak Cha Bagan
29	Rydak F.V. Pry. School	Rydak Forest (Siltong Basti)
30	Chhipra F.V. Pry. School	Chhipra Forest Bast
31	Newlands T.G. Pry. School (Room No-1)	Newlands Cha Bagan
32	Newlands T.G. Labour Club	Newlands Cha Bagan
33	Newlands F.V. Pry. School	Newlands F.V.
34	Newlands T.G. Pry. School(Room No-2)	Newlands Cha Bagan
35	Newlands Multipurpose Building	New Lands Cha Bagan
36	Newlands Staff Club	New Lands Cha Bagan
37	Kumargram T.G. N.K.S. Club	Kumargram Cha Bagan
38	Kumargram F.V. Pry. School	Kumargram F.V.
39	Kumargram T.G. Pry. School (Room No-1)	Kumargram Cha Bagan
40	Kumargram T.G. Pry. School (Room No-2)	Kumargram Cha Bagan
41	Kumargram T.G. I.C.D.S., Centre No. 118	Kumargram Cha Bagan
42	Sankosh T.G. Pry. School(Room No-1)	Sankosh Cha Bagan
43	Gote Line SSK	Sankosh Cha Bagan
44	Sankosh T.G. Pry. School (Room No-2)	Sankosh Cha Bagan
45	Sankosh T.G. Staff Club	Sankosh Cha Bagan
46	Banda Line SSK	Sankosh Cha Bagan
47	Sankosh M.S.K.	Sankosh Cha Bagan
48	Sankosh F.V. New Pry. School	Sankosh F.V.
49	Mission English School	Pukhurigram
50	Pukhurigram Multipurpose Building	Pukhurigram

51	Durgabari S.C. Pry. School	Pukhurigram
52	Uttar Haldibari B.F.P. School	Uttar Haldibari
53	Uttar Haldibari Jr. High School	Uttar Haldibari
54	Aichhik Pry. School	Madhya Haldibar
55	Bittibari New Pry. School	Madhya Haldibar
56	Madhya Haldibari B.F.P. School	Madhya Haldibar
57	Maa Ganga SSK	Madhya Haldibar
58	Amarpur B.F.P. School	Amarpur
59	New Amarpur Pry. School	Amarpur
60	Joydebpur S.P. Pry. School	Joydebpur
61	Joydebpur Jr. High School	Joydebpur
62	Joydebpur Adarsha New Pry. School	Joydebpur (Tapu)
63	Kumargram Balika Uchcha Vidyalaya	Kumargram
64	Endibari S.S.K.	Katabari, Kumargram
65	Kumargram Madan Singh High School	Kumargram
66	Sericulture Office, Katabari	Katabari, Kumargram
67	Paglarhat B.F.P. School	Paglarhat
68	Dakhinhaldibari B.F.P. School	Dakhin Haldibari
69	Jhoubari SSK	Dakhin Haldibari
70	Chengmari Jr. Basic School	Chengmari
71	Sukanta Bidyapith MSK	Chengmari
72	Sahebpara B.F.P. School	Dakshin Chengmari
73	Sahebpara Jr. High School	Dakshin Chengmari
74	Hemaguri Jr. Basic School	Dakshin Chengmari
75	Kashibari SSK	Dakshin Chengmari
76	Hemaguri New Pry. School (Ghoramara)	Hemaguri (Ghoramara)
77	Balapara F.V. Pry. School	Balapara Forest Basti
78	Khuttimari F.V. Pry. School	Khuttimari
79	Bara Daldali High School	Bara Daldali
80	Bara Daldali Kalibari New Prathamik Bidyalaya	Bara Daldali
81	Gajerdabri G.M.P.School	Ghaksha Para
82	Ghaksha Para SSK (Kadamtala)	Ghaksha Para
83	Ghaksa Para S.P. Pry. School (Shibbari)	Ghaksha Para
84	Gochhimari S.S.K.	Gochhimari
85	Radaha Nagar New Pry. School	Radaha Nagar
86	Adibashi Pry School	Radaha Nagar

87	Radaha Nagar B.F.P. School (Room-1)	Barobisha
88	Radaha Nagar B.F.P. School (Room-2)	Barobisha
89	Barobisha Jr. Basic School	Barobisha
90	Sukanta MSK	Barobisha
91	Laskar Para New Addl. Pry. School	Laskar Para
92	Laskar Para New Pry. School	Laskar Para
93	Pranesh Paul Smriti Pry. School (Room-1)	Laskar Para, Dakshin Rampur
94	Pranesh Paul Smriti Pry. School (Room-2)	Laskar Para
95	Pranesh Paul Smriti jr High School	Laskar Para
96	Barobisha G. E. L. C. Pry. School (Room-1)	Laskar Para
97	Barobisha G. E. L. C. Pry. School (Room-2)	Laskar Para
98	Barobisha High School (Room No-1)	Purba Chakchaka
99	Barobisha High School (Room No-2)	Purba Chakchaka
100	Swasti Sangha Pry. School	Purba Chakchaka
101	Dakhin Rampur New Pry. School	Dakhin Rampur
102	Dakhin Rampur Special Pry School (Beltala)	Dakhin Rampur
103	Barobisha Girls High School (Room-1)	Dakhin Rampur
104	Barobisha Girls High School (Room-2)	Dakhin Rampur
105	Chakchaka B.F.P. School	Dakhin Rampur
106	C.L.R.C., Kumargramduar (East)	Dakhin Rampur
107	Purba Salbari S.C. Pry. School	Purba Salbari
108	Jhijri Salbarai New Pry School	Purba Salbari
109	Salbari Pry. School	Purba Salbari, Nutan Bazar
110	Purba Salbari New Pry. School	Purba Salbari
111	Volka High School	Volka
112	Volka B.F.P. School	Volka
113	Pakriguri S.C. Pry. School	Pakriguri
114	Uttar Para Prathamik Bidyalaya	Pakriguri
115	Majerdabri High School	Barui Para
116	Majherdabri Nimnabuniyadi Pry School	Barui Para
117	Pally Kalyan C.S. Pry. School	Majher Dabri
118	Bishnu Nagar Pry. School	Majher Dabri (Bishnu Nagar)
119	Dhantali Adarsha New Pry. School	Dhantali
120	Lalchandpur B.F.P. School	Lalchandpur

121	Paschim Chengmari G.M.P. School	Paschim Chengmari
122	Bhupen Iswarari SSK	Paschim Chengmari
123	Paschim Chengmari G.E.L.C. Pry. School	Paschim Chengmari
124	Marakhata Jetmal Jr. High School	Marakhata
125	Marakhata Jr. Basic School	Marakhata
126	Jigauri Pry. School	Uttar Nararthali
127	Simlabari Pry. School	Uttar Nararthali
128	Dubasree G.M.P. School	Nararthali
129	Pritam Sing Memorial Pry. School	Nararthali
130	St. James Pry. School	Nararthali
131	Khalpara SSK	Nararthali
132	Jalaneswari High School	Nararthali
133	Nararthali No-I B.F.P. School	Madhya Nararthali
134	Madhya Nararthali Special Cadre Pry. School	Nararthali
135	Madhya Nararthali Pry. School	Madhya Nararthali(Kalibari)
136	Madhya Nararthali SSK	Madhya Nararthali(Kalibari)
137	Chhoto Daldali BFP School	Chhoto Daldali
138	Chhoto Daldali Pry. School	Chhoto Daldali
139	Chhoto Daldali New Pry. School (Room-1)	Chhoto Daldali
140	Chhoto Daldali New Pry. School (Room-2)	Chhoto Daldali
141	Nirobala Smriti Girls High School	Purba Nararthali
142	Purba Nararthali SSK	Purba Nararthali
143	Purba Nararthali New Pry. School	Purba Nararthali
144	Gochhimari B.F.P. School	Gochhimari
145	Biswanath Pry. School	Paschim Chakchaka
146	Pakritala Pry School	Paschim Chakchaka
147	Teli Para B.F.P. School	Teli Para
148	Putimari Nabajagan Pry School	Teli Para
149	Dakhin Teli Para New Pry. School	Teli Para
150	Baruni Chetana Kendra	Teli Para
151	Srimanta M.S.K.	Paschim Nararthali
152	Nararthali No. 2 B.F.P. School	Paschim Nararthali
153	Paschim Nararthali Nimna Buniyadi Bidyalaya	Paschim Nararthali
154	Mangal Singh Memorial Pry. School	Paschim Nararthali

155	Kamakhyaguri Mission Higher Secondary School	Dakshin Nararthali
156	Gajendra Jr. Basic School	Dakshin Nararthali
157	Hiribol Smriti Pry. School	Dakshin Nararthali
158	Tetultala Pry. School	Dakshin Nararthali
159	Kamakhyaguri Shibbari Pry. School (Room No-1)	Dakshin Nararthali
160	Kamakhyaguri Shibbari Pry. School (Room No-2)	Dakshin Nararthali
161	Saheed Kshudiram College (Room-1)	Uttar Kamakhyaguri
162	Saheed Kshudiram College (Room-2)	Uttar Kamakhyaguri
163	Vivekanada Vidyapith	Uttar Kamakhyaguri
164	Oxford School(Private)	Uttar Kamakhyaguri
165	Kamakhyaguri Uchcha Balika Bidyalay	Uttar Kamakhyaguri
166	Durgabari Anganwari Kendra	Uttar Kamakhyaguri
167	Kamakhyaguri Uchcha Bidyalaya (Room-1)	Uttar Kamakhyaguri
168	Kamakhyaguri Uchcha Bidyalaya (Room-2)	Uttar Kamakhyaguri
169	Kamakhyaguri No-I R.R. Pry. School	Uttar Kamakhyaguri
170	Charak Tala Vivekananda Natya Mancha	Uttar Kamakhyaguri
171	Netaji Colony Jr. Basic School	Uttar Kamakhyaguri (Netaji Colony)
172	Netaji Jr. High School	Uttar Kamakhyaguri (Netaji Colony)
173	Madhya Kamkhyaguri Pry. School	Madhya Kamkhyaguri
174	Madhya Kamakhyaguri (Laskar Para) SSK	Madhya Kamkhyaguri
175	Madhya Kamkhyaguri Lalit Smriti Prathamik Vidyalaya	Madhya Kamkhyaguri
176	Dakshin Kamakhyaguri Nimna Buniyadi School	Madhya Kamkhyaguri
177	Dakhin Kamakhyaguri M.S.K.	Dakhin Kamakhyaguri
178	Dakshin Kamakhyaguri Pally Unnayan Pry. School	Dakhin Kamakhyaguri
179	Dakhin Kamakhyaguri New Pry. School (Room-1)	Dakhin Kamakhyaguri
180	Dakhsin Kamakhyaguri New Pry. School (Room-2)	Dakhin Kamakhyaguri

Temporary Helipad / Air- Dropping point:

Sl No	Name of the pace	Address	Position
1	Kamakhyaaguri Mission H.S School Ground	Kamakhyaaguri No – I GP	Dakhinnarathali (Kamakhyaaguri)
2	Jalaneswari H.S School Ground	Khoardanga No –I GP	Nararthali (Khoardanga)
3	Vidyasagar M.S.K Ground	Khoardanga No –II GP	Gochimari
4	Barobisha High School Ground	Volka Barobisha No – I GP	Purba chakchaka (Barobisha Chowpathy)
5	Jainti Tea Estate Ground	Turturikhanda GP	Adjoining to the 12 No . Forest Beat Office

57. Block Disaster Management Committee (BDMC):

Sl.No.	Name	Designation	Address	Phone No.	
				Office	Residence/Mobile
1	Smt Menuta Basumata	Chairperson of DRMP	Kumargram	252214	9775472775
2	Sri Bidhan Chandra Pandey	Convenor of DRMP	Kumargram	252239	7797864300
3	Sri jems Kujur	MLA (Hon'ble Minister)& Member	Kumargram		
3	Sri Jayanta Roy	Jt. Convenor of DRMP Member	Kumargram	252239	9932445774/ 8373064246
5	Sri Biplab Narjinary	Sahakari Savapati & Member	Kumargram	252214	9734940690
6	Dr. Abhijit Das	BMOH & Member	Kamakhyaaguri	260361	9832317252
7	Smt. Gargi Paul	ADA & Member	Kumargram	263090	8016487183
8	Sri Alok Paul	Irrigation & Waterways, Kamakhyaaguri Member	Kumargram	260335	9434256049
9	Sri Gour sundar Naskar	BL&LRO & Member	Kamakhyaaguri	260318	8759269546
10	Sri Ranjit Natta Dutta	CDPO & Member	Kumargram	252660	9932760238
11	Sri Narendra Kalikote	I.C,Kumargram & Member	Kumargram P.S.	252224	9733008408
12	Sri L.P bhutia	O/c Out Post & Member	Samuktala P.S.	240300	9932689473
13	Sri P.P Bhutiya	O/c Out Post & Member	Kamakhyaaguri	260730	8116489584
14	Sri thewing Lama	O/c Out Post & Member	Barobisha	263344	9051220303
15	Sri Niren Roy	O/c Out Post & Member	Hatipotha		7872938288
16	Sri Bijay Barman	O/c Out Post & Member	Khoardanga		9332588986
17	Sri Binay Sarkar	O/c Barobisha Fire Station Member	Barobisha	263101	9434083927
18	Sri Koustab Das	Station Manager, WBSEDCL Member	Kamakhyaaguri	260178	8348695221
19		BLDO & Member	Kamakhyaaguri	260374	
20	Sri Samaresh Paul	P.W.D (Asst. Engineer) Member	Kamakhyaaguri	260332	9474340907

21	Sri Himanish Das	Inspector, Food & Supplies Member	Kumargram B.D.O. Office		9874253548
22	Smt Morium Oraon	Tran Karmadhakshya & Member	Amarpur		9002951714
23	Smt Triptilata Narjinary	ZP Member & Member	Kumargram		9735905912
24	Smt. Sheela Das Sarkar	ZP Member & Member	Kumargram		8768835281
25	Sri Samendra Tirkey	ZP Member & Member	Kumargram		8768803530
26	Sri Naren Sutradhar	NGO & Member			9434191319
27	Rajjack Mallick	NGO & Member	Kumargram	252628	9733123170
28	Sri Elambaer Roy	B.D.M.O in charge Member	Kumargram	252239	
29	Sri Ranjan Barman (R/C)	Member	Kumargram	252239	9932588173
30	Sri Manaj kumar Das	Pradhan kumargram & Member	Kumargram		8145887815
31	Smt. Malina Narjinary, Pradhan	Pradhan Changmari Member	Kumargram		9734985562
32	Sri Tapan Biswas	Pradhan khoardanga – I & Member	Kumargram		9733231933
33	Smt. Mausumi Sarkar (Dey Sarkar	Khoardanga- II & Member	Kumargram		9800219336
34	Smt. Priyanka Roy,	Pradhan Kamakhaguri-I & Member	Kumargram		7063673600
35	Krishna Baral	Pradhan NKS&Member	Kumargram		7407858094
36	Sri Harmohan Rabha,	Kamakhaguri –II & Member	Kumargram		9933797085
37	Smt. Swati Oraon (Tirkey),	Pradhan Turturi khanda & Member	Kumargram		9734033488
38	Smt. Anita Lakra (Tirkey),	Pradhan Rydak & Member	Kumargram		9733197386
39	Sri Anil Kr. Sarkar,	Valkabarobisha-I & Member	Kumargram		9547936259
40	Smt. Sujala Rava,	Volkabarobisha-II & Member	Kumargram		9333959444
41	Subrata Saha	Ins BSW & member	Kumargram		9749389689
42	Indrajit Khan	IDO	Kumargram		7384850599
43	Doychand Rava	SAE (RWP)	Kumargram		9733160715

Evacuation Plan:

Name of Gram the Panchayat	Name of the village	Name of Rescue Shelter	Location	Name of Para/land from where people will	Shortest route to be used by the villagers
(N.K.S)	1. Sankos T.G. 2. Sankos F.V.	Sankos Nepali Line M.S.K.	Sankos Nepali Line M.S.K.	Sankos T.G.	Toward Sankos Zilla Parishad Road then left turn toward M.S.K.
(N.K.S)	1.Newlands F.V. 2.Newlands T.G.	Multipurpose Building	Newlands T.G.	Newlands T.G.	Toward Sankos Zilla Parishad Road towards Multipurpose Building
Kumargram	Pukharigram	Multipurpose Community Hall	Pukharigram Dangi	Pukharigram 10/49, 50	Suresh Palli, Dangi Colony
Kumargram	U/Haldibari	U/Haldibari Jr. High School	U/Haldibari	U/Haldibari (All)	U/Haldibari (All)
Kumargram	M/Haldibari	M/Haldibari M.S.K.	M/Haldibari	M/Haldibari	M/Haldibari all
Kumargram	M/Haldibari	Bittibari S.P. Pry. School	M/Haldibari (Bittibari)	Bittibari all	Bittibari all
Kumargram	Amarpur	Amarpur S.P. Pry. School	Amarpur	Amarpur (all)	Amarpur (all)
Kumargram	Jaydebpur	Joydebpur Jr. High School	Jaydebpur	Jaydebpur	Jaydebpur
Kumargram	Kumargram	Kumargram Madan Sing School	Kumargram	Kumargram Endibari Katabari	Kumargram (all)
Kumargram	Paglarhat	Paglarhat S.P. Pry. School	Paglarhat	Paglarhat, Bolguri	Paglarhat, Bolguri
Kumargram	D/Haldibari	D/Haldibari Jr. High School	D/Haldibari	D/Haldibari	D/Haldibari (all)
Chengmari	Dakshin Chengmari	Sahebpara B.F.P. School	Dakshin Chengmari	Sahebpara	Sahebpara route
Chengmari	Hemaguri	Hemaguri Jr. Basic School	Hemaguri	Hemaguri route	Hemaguri
Chengmari	Bara Daldali	Daldali High School	Bara Daldali	Bara Daldali bazar route	Bara Daldali
Volka Barobisha No-II	Purba Salbari	Purba Salbari S.C. Pry. School	Purba Salbari	Kona para & Nimai tapu	School road
Volka Barobisha No-II	Valka	Valka B.F.P. School	Valka	Lama para & Kasar Dabri	School road
Volka Barobisha No-II	Pakriguri	Pakriguri Flood Shelter	Pakriguri	Uttar para, Biswas para & Nama para	Flood shelter road
Volka Barobisha No-II	Baruipara	Majherdabri East Jr. Basic School	Baruipara	Nishirath para & Madak para	School road
Volka Barobisha No-II	Majherdabri	Pallikalyan C.S.Pry. School	Majherdabri	BTC colony	School road
Volka Barobisha No-II		Bishnunagar Colony Pry. School	Majherdabri	Bishnunagar colony & Muslim char	School road
Khoardanga No-I	Dhantali	Dhantali Adarsha Pry. School	Dhantali	Dhantali Tapu	

Khoardanga No-I	Lalchandpur	Lalchandpur B.F.P. Pry. School	Lalchandpur	Lalchandpur	
Khoardanga No-I	Paschim Chengmari	Paschim Chengmari G.M.P. Pry. School	Paschim Chengmari	Mangor Para	
Khoardanga No-I		Paschim Chengmari G.E.L.C. Pry. School		Bardan Para	
Khoardanga No-I	Marakhata	Marakhata Jetmol High School	Marakhata	Marakhata East	
Khoardanga No-I		Marakhata Basic Pry. School		Marakhata West	
Khoardanga No-I	U/Nararthali	Simlabari Pry. School	U/Nararthali	East Para & Bhagat Para	
Khoardanga No-I	Nararthali	Nararthali New Pry.	Nararthali	Sukantari	
Khoardanga No-II	Gochimari	Gochimari B.F.P.	Near Biswas Road	Gochimari	Biswas Road
Khoardanga No-II	Chhoto Daldali	Chhoto Daldali B.F.P.	Near PMGY	Chhoto Daldali	PMGY
Khoardanga No-II	Purba Nararthali	Purba Nararthali Jr. High School	Near Kaloni Road	Purba Nararthali	Kaloni Road
Kamakhyaguri No-I	Paschim Chakchaka	Pakritala Pry. School	NH North Side	Paschim Chakchaka	NH North Side
Kamakhyaguri No-I	Telipara	Putimari Nabajagaran Pry. School	NH North Side	Telipara	NH North Side
Kamakhyaguri No-I	Dakshin Nararthali	Mission High School	Railgate after north side	Dakshin Nararthali	After Rail gate North side road
Kamakhyaguri No-I	Mission High School	Tetultala Pry. School	Tetultala Pry. School	Dakshin Nararthali	Zilla Parishad road Kamakhyaguri
Kamakhyaguri No-I	Dakshin Nararthali(Part)	Town Club	Dakshin Nararthali	Dakshin Nararthali	Zilla Parishad road Kamakhyaguri
Kamakhyaguri No-I		Sibbari Pry. School	Dakshin Nararthali	Dakshin Nararthali	
Kamakhyaguri No-II	U/Kamakhyaguri (Barman para)	Kamakhyaguri High School	U/Kamakhyaguri Booth No-10/104	Barman Para	Super Market Road
Kamakhyaguri No-II	U/Kamakhyaguri (Rabindra Nagar)	Sheed Khudiram College	U/Kamakhyaguri Booth No-10/101	Rabindra Nagar	College Road
Kamakhyaguri No-II	D/Kamakhyaguri (Kona para)	New Pry. School	D/Kamakhyaguri Booth No-10/110	Kona para	Atiya Mochar Road

Kamakhyaguri No-II	U/Kamakhyaguri (Charaktala)	No.I RR Pry. School	U/Kamakh yaguri Booth No-10/105	Charaktala	Charaktala Road
Kamakhyaguri No-II	U/Kamakhyaguri (Kathal tala, Bipin Nagar)	Dack Banglo	U/Kamakh yaguri Booth No-10/104	Kathal Tala, Bipin Nagar	Valka Road
Rydak	Rahimabad T.E.	Worker's High School	Rahimabad T.E.	Rahimabad T.E.	Asan Line, Khasru Line, etc.
Rydak	Kartick Chowpathi	Kartick Jr. High School	Kartick Chowpathi	Kartick Chowpathi	Chalgori Basti, Harbari Basti etc.
Rydak	Kartick T.E.	Rydak T.G. Pry. School	Kartick T.E.	Kartick T.E.	Vidyasagar SSK. Etc.
Rydak	Rydak T.E.	Rydak Jr. Hindi High School	Rydak T.E.	Rydak T.E.	Marry Margrate SSK. Tiamary F.V.
Rydak	Shiltong F.V.	Rydak F.V. Pry. School	Shiltong F.V.	Shiltong F.V.	Shiltong F.V.
Rydak	Chhipra F.V.	Chhipra F.V. Pry. School	Chhipra F.V.	Chhipra F.V.	Chhipra F.V.
Turturikhanda	Jainti T.E.	Turturi Khanda Hindi Jr. High School	Jaint T.E. 12 no.	Bhutia Basti	Helicopter
Turturikhanda				Chunia Jhora	Helicopter
Turturikhanda				Phaskowa T.E.	Helicopter
Turturikhanda	Jainti T.E.	Jainti T.E. Pry. School	Jainti T.E.	Jinti T.E.	Local road
Turturikhanda				Hatipotha	Local road
Turturikhanda				Limbudhura	Helicopter
Turturikhanda	Turturi Khanda	Kainjali Basti Pry. School	Turturikhanda	Turturi Khanda	Local road
Turturikhanda	Turturi T.E.	Turturi T.E. Pry. School	Turturi T.E.	Turturi T.E.	Helicopter
Turturikhanda				Turturi T.E. Division	Helicopter
Volka Barobisha No-I	Radhanagar	Radhanagar New Pry. School	Radhanagar	Jelepara & Adibashi para	Kumargram road & Silbanglow road
Volka Barobisha No-I	Barobisha	Barobisha Jr. High School	Barobisha	Danga para, Barobisha part, Laskarpara part	Kumargram road & Danga para gravel road
Volka Barobisha No-I	Laskarpara	Barobisha G.E.L.C. Pry. School	Laskarpara	Subhash pally, Surja nagar, Biswasharma para	NH31C and Kumargram road
Volka Barobisha No-I	Dakshin Rampur	Purba Chakchaka B.F.P. School	Purba Chakchaka	Paul para,Dakshin Rampur part	Jorai road & NH31C
Volka Barobisha No-I	Purba Chakchaka	Swasti Sangha Pry. School	Purba Chakchaka	Purba Chakchaka, Kuwar para, Adhikary para	NH31C

ALIPURDUAR-I

DISASTER PREPAREDNESS PLAN FOR 2017 BLOCK PROFILE		
Sl. No.	Name and Address of the Block	ALIPURDUAR-I
1	Geographical Area	225.56 sq. Kms.
2	Total Population	206151
3	Density of Population	913.93
4	Male Population	105918
5	Female Population	100233 (As per 2011 census)
6	Percentage of Male Population	51.37%
7	Percentage of Female Population	48.63%
8	Sex Ratio	946.32
9	Scheduled Caste Population	107054
10	Male SC Population	111292
11	Female SC Population	105589
12	Percentage of SC Population	51.92%
13	Scheduled Tribe Population	39436
14	Male ST Population	
15	Female ST Population	
16	Percentage of ST Population	19.12%
17	Literate Population	139598
18	Male Literate Population	
19	Female Literate Population	
20	Percentage of Literate Population	
21	Percentage of Male Literate Population	
22	Percentage of Female Literate Population	
23	Birth Rate	
24	Death Rate	
25	Mortality Rate	
26	Total no. of Gram Panchayats	11
27	Total No. of Gram Sansads	155
28	Total no. of polling stations	251
29	Total no. of Tea Gardens	3
30	Total no. of Police Stations	1
31	Important Establishments	
32	Total no. of Police Outposts	3
33	No. of Primary School	137
34	No. of Junior High & High School	30
35	No. of Polling Stations	251
36	No. of ICDS Centre	378
37	No. of SSK	64
38	No. of MSK	7
39	No. of Tube wells	482
40	No. and name of PHC	
41	Total No. of Hospitals	3
42	No. of Mobile Vans	11
43	Total No. of Flood Shelter	6
44	Percentage of Agricultural Land	18056.92
45	Percentage of Industrial Land	

Important Contact No.			
Sl .No.	Name	Designation	Telephone No.
1	Manoranjan Dey	Sabhapati	03566-246517
2	Lakshmi Kanta Rabha	Saha Sabhapati	-do-
3	Norbu Chewang Sherpa	Block Development Officer	03566-246249
4		B.M.O.H	03566-246182
5		B.L.D.O	9434935770
6	Ajit Roy	A.D.A.	9832305070
7		Executive Engineer,I&WD, Alipurduar	03564-255305
8		Asstt. Engineer,PWD (Roads), Alipurduar	03564-255082
9		Asstt. Engineer,PHE, Alipurduar	03564-255200
10		Inspector-in-Charge	03564-255100
11		Officer-in-Charge	03564-255101
12		Veterinary Surgen	
13	Uday Roy	Pradhan Salkumar-I	9002808810
14	Rita Narjinary	Pradhan Salkumar-II	8967385735
15	Prasanjit Karjee	PradhanP/Kathalbari	8972422428
16	Sikha Pal Sarkar	PradhanPatlakhawa G.P.	9735988619
17	Joyoti Dungdung Oraon	PradhanChakowakheta G.P.	9679802841
18	Tilu Oraon	PradhanMathura G.P.	9734965106
19	Gouri Barman	PradhanTapshikhata	9775430368
20	Sambhu Das	Pradhan-in -Charge Pararpar	9434412943
21	Sampa Ray Kujur	PradhanBanchukamari G.P.	8145775105
22	Shyamal Das	PradhanVivekananda-I G.P.	7679952986
23	Uma Das	PradhanVivekananda-II G.P.	8016677491
24	Nandita Mochari	Smt., Karmadakshya / Tran Sthayee Samiti	9735059944
25		Block Disaster Management Officer	
26		Inspector,Food & Supplies	
27	Ajjur Rahaman	S.I. of Schools , West Circle	9614833650
28		S.I. of Schools , South Circle	8013084847
29	Prem Kant Kamti	S.I. of Schools , Alipurduar Circle	8101974669
30	Debabrata Sarkar	CDPO	9800517603

	Name of Mouza	J.L. No.	Gram Panchayat
1	JALDAPARA	J.L.No.10	Salkumar-I
2	NUTANPARA	J.L.No.11	
3	PRADHANPAR	J.L.No.9	
4	MUNSHIPARA	J.L.No.8	
5	SALKUMARHAT	J.L.No. 7	Salkumar-II
6	SIDHABARI	J.L.No. 13	
7	KALABARIA	J.L.No.6	
8	SALKUMAR FOREST	J.L.No.1	
9	SURIPARA	J.L.No. 14	
10	Torsa Forest	J.L.No.	Purba Kathalbari
11	JOGENDRANAGAR	J.L.No.5	
12	MECHBILL	J.L.No.3	
13	PAR PATLAKHAWA	J.L.No.2	
14	PASCHIM KATHALBARI	J.L.No.4	
15	PURBA KATHALBARI	J.L.No.17	Patlakhowa
16	SIRUBARI	J.L.No.16	
17	PASCHIM SIMLABARI	J.L.No.22	
18	PURBA SIMLABARI	J.L.No.21	
19	PATLAKHOWA	J.L.No.18	
20	SILBARIHAT	J.L.No. 19	Mathura
21	UTTAR SIMLABARI	J.L.No.23	
22	DAKSHIN BARAJHAR FOREST	J.L.No.12	
23	MATHURA T.G.	J.L.No.25	
24	NATHUATARI	J.L.No.35	
25	KUMARPARA	J.L.No.24	Chakowakheta
26	UTTAR CHAKOWAKHETI	J.L.No.36	
27	DAKSHIN CHAKOWAKHETI	J.L.No.20	
28	UTTAR SONAPUR	J.L.No.26	
29	DASHIN SONAPUR	J.L.No.27	
30	PACHKOLGURI	J.L.No.28	
31	DAKSHIN KAMSING	J.L.No.29	
32	UTTAR KAMSING	J.L.No.30	

33	TAPSHIKHATA	J.L.No.31	Tapshikhata
34	PASCHIM SALBARI	J.L.No.34	
35	DAKSHIN PATKAPAR	J.L.No.33	
36	MADHYA PATKAPARA	J.L.No.37	
37	UTTAR PATKAPARA	J.L.No.38	Banchukamari
38	PATKAPARA T.G.	J.L.No.39	
39	FOSKADANGA	J.L.No.40	
40	CHAPATALI (PART)	J.L.No.43	
41	BANCHUKAMARI	J.L.No.42	
42	SATKODALI	J.L.No.41	Vivekananda-II
43	GHAGRA	J.L.No.46	
44	BAIRIGURI	J.L.No.47	
45	PASCHIM JITPUR	J.L.No.49	
46	CHECHAKHATA	J.L.No.57	Pararpar
47	Damanpur	J.L. No. 51	
48	CHAPATALI (PART)	J.L.No.43	
49	PARARPAR	J.L.No.44	
50	PAKURITALA	J.L.No.32	Vivekananda-I
51	BIRPARA	J.L.No.45	
52	BHOLARDABRI	J.L.No.56	
53	CHECHAKHATA	J.L.No.57	

No. & name of Rivers (if any)				
Sl.	Name of the river	Name of the Areas affected by the river	Percentage of people affected by flood	Nearest Flood Shelter
1	Vhalka & Sishamara	1) Munsipara	8500	1) Nabajibon sangha
2		2) Sidhabari		2) Thakurpanachanan Vidiyapith
3		3) Natunpara		3) Nutunpara BFP School
6	Buri Torsha & Sanjay	1) Uttar Majbil	350	1) Mejbil Pry.School
8		2) Purba Kathalbari,		2) Jogendra Nagar High School
11	Chala & Shiltorsha	1)Uttar. Simlabari,	2500	1)Deodangha High School
13	Naya	1)Singi tari	2000	1)Sonapur B.K High School
		2) D/Chakowakheti		
14	Chopra	1) Temba line Boloya Line	1000	1)Surendra Prasad Unit – II
18	Kaljani & Chopro	1) D/ Patkapara	1300	1) Flood Shetter
19		2) NearM.S.K.School		2) Bastari Pry.School
20	Nonai	1)Bholardabri	25	1) Bholardabri BFP School
23	Nonai	1) Ghosh Para	1200	1)Chechakhata RR Pry School
26	Buti , Noya&Kurmai,Kurmai	1)D/Chakowakheti	4300	1) Sonapur B.K.High School
27		2)Uttar Sonapur		2) Promodini High School
28		3)Kamsing . 4) Uttar Kamshing5)D/kamshing		3)PromodineHigh School,.4) Promodine High School
29	Buri Torsha & Sonjoy	1) Paham Kathalbari	150	1) Putimari Bakshirbooj A.P.School
30		2)Jogendranagar		2) Jogendranagar High School
31	Dima, Dodiya & Dodiya	1) Uttar Jitpur,	400	1)Uttar Jitpur Addl.Pary.School
32		2) Vivekananda plly		2)Uttar Jitpur Addl.Pary.School
33		3)Dangapara		3) Uttar Jitpur Addl.Pary.School
	Kaljani	1)Pakuritala	300	Nil

52- Vulnerable Cocations / Area (For 2017 Monsoon)							
a). Vulnerable / Damage Embankment							
Sl.No	Name of G.P.	Name of the Week/Vulnerable Embankment	Location	Affected by River	Reason of its vulnerability	Population likely to be affected	
1	Salkumar-I	Natunpara & Munshipara	Munshipara	Volka	Flood	500	
2	Salkumar-II	Sidha bari Misson	Sidhabari	Volka	Flood	1500	
3	Purba Kathalbari	Sanjoy River near Haridas Barman's house	Naya Sanjay Bazar	Sanjoy	Over flood situation	100	
		Sanjoy River near Hindi Tribble School	Gudam tari Mejbill	Buri torsha	Over flood situation	80	
		Sanjoy River near house of Panchanan Roy	Mahakaldham Para	Sanjoy	Over flood situation	200	
		Sanjoy River near Bijit Mazumder house	Maddhapar	Sanjoy	Over flood situation	50	
		Sanjoy River near house of Basanti nandi	Colloney para	Sanjoy	Over flood situation	400	
		Sanjoy River near Shyamal Barman to Kaltu Barman	Garokhuta	Sanjoy	Over flood situation	200	
		Sanjoy River near house of Nitai Sil & Ranu Biswas, Kalidas Barman & Shushil Barman	Bidhanpally & Khudirampally	Sanjoy	Over flood situation	50	
4	Patlakhowa	Uttar Simlabari & Shilbari hat	Uttar Simlabari & Baladngi	Chalo	Flood	275	
5	Chakowakheti	Misrilal house to the	D/Chakowakheti	Naya River	Weak	500	

		house of Bijoy Roy house			Embankment		
		Suroj Roy House to Bhupen Roy House	D/Kamshing	Kurmai	Weak Embankment	300	
		Prasen Brishnu to the House of Monai Barman House	D/Kamshing	Kurmai	Weak Embankment	350	
		Bhola Choudhary to the house of Krishnapada Adhikary	Uttar Chakowakheta	Kaljani River	Weak Embankment	2500	
		Singhitara Subhash Roy house to Nirobala Roy	D/Chakowakheta	Naya River	Weak Embankment	500	
		Dakshin Chakowakheta SSK	D/Chakowakheta	Naya River	Weak Embankment	400	
		Sasan Kalibari to Pradip Roy House	Uttar Sonapur	Kurmai	Weak Embankment	300	
		Katiram Munda house to SSK	Panchkolguri	Kurmai	Weak Embankment	300	
		Amal Bishnu to Amal Nagashiya house	Panchkalguri	Kurmai	Weak Embankment	500	
	Mathura	Food bal Ground & House of Anu Tigga, Anu & Suresh Orao	Chotojarie BasilineAmbatiga line & Sukra line	Chpro	Flood	1000&800	
7	Tapshikhata	Hariram Oraon Tari & Charapar & Astamighat	D/Patkapara & Salbari, Ghargharia	Kaljani & Chapro	Flood	200 & 750	
8	Pararpar	Kajal Roy Near	Ghargharia	Ghargharia	Flood	150	
9	Banchukamari	Chapatali	Chapatali	Kaljani	Flood	550	
		Ghagra	Ghagra	Kaljani & Dima	Flood	400	
		Ghagra	Ghagra	Kaljani & Garam	Flood	200	
		Banchukamari	Banchukamari	Garam	Flood	150	
10	Vivekananda-II	Ghoshpara & Pashim Jitpur	Ghosh para uttar Jitpur & P/Jitpur & Dadiya Collni	Nonai	Flood	350&400	
11	Vivekananda-I	Bholardabri near Mithanjoy Pandit & Near House Prollad Debnath	Bholardabri Uttar Jitpur	Nonai & Dima	Flood	225&750	

B) Vulnerable / Damaged Wooden Bridge						
Sl.No.	Name of G.P.	Name of the Weak and Vulnerable Culverts.	Location	Reason of its vulnerability	Population likely to be affected	
1	Salkumar-I	Nil	Nil	Nil	Nil	
2	Salkumar-II					
3	Purba Kathalbari	Woode Bridge of Britorsha River	Gudamtari more	Flood	500	
		Damage Pacca Culvert near Culvert near Mahakal Dham	Mahakal Dham	Flood	100	
4	Patlakhowa	Nil	Nil	Nil	Nil	
5	Chakowakheta	Near Casher Mill	12/44	Kurmai	100	
		Near bhusan Roy House	12/40	Kurmai	200	
		Ismail Miya House	12/45	Kurmai	250	
		Bridge Piller Damage	12/53	Naya River	300	
		Hume Pipe Broken Near the house of Bimal Roy	12/52		1000	
6	Mathura					
7	Tapshikhata	NIL	NIL	NIL	NIL	
8	Pararpar	Nil	Nil	Nil	Nil	
9	Banchukamari	Bala Tari	Ghagra	Dima Flood		
10	Vivekananda-II	Damaged slab culvert near the DRM Office	12/128	Flood		
		Near the H/O Laxmi Mohanta	12/136	Flood		

		Near the H/O Ashok Bose		Flood		
		Dodia River Protection at West Jitpur	12/133	Flood		
		the H/O , Kanai Ghosh	12/145	Flood		
		near the H/O, Chinu Das		Flood		
		near the H/O, Madhu Debnath near		Flood		
		the H/O, Narayan Debnath	12/131	Flood		
		Near the H/O Madan Barman	12/132	Flood		
		near the H/O, Ramakanta Roy	12/132	Flood		
		Near the H/O Sarkar Singha	12/136, 12/137	Flood		
		near the H/O , Gopal Manda	12/137'	Flood		
		near the H/O K. Dutta Roy	12/131	Flood		
11	Vivekananda-I	Repairing of culvert near the house of Debi Roy at 12/158, 159, 161	Bholardabri	Bamni Jhira	2000	
		Repairing of culvert near the house of Sribash Das 12/158, 153.	Bholardabri	Bamni Jhira	2000	

C) Vulnerable/Damaged Sluice Gates.					
Name of G.P.	Name of the Week and Vulnerable sluice Gates.	Location	Reason of its vulnerability	Population likely to be affected	
Salkumar-I					
Salkumar-II	Naren Roy	Salkumar hat	Sishamara River OverFlood	500	
Purba Kathalbari	Khiten Barman	Shilbarihat & Shilbari	Torsha	160	
Patlakhowa	Anil Sarkar	Shilbarihat	Baladanga	240	
Chakowakheti					
Mathura					
Tapshikhata	New mission line	Madhayapatkapara Boder	Lotamani River	400	
Pararpar					
Banchukamari					
Vivekananda-II	Ratan Pandit	Ghosh para	Nonai River	500	
Vivekananda-I	Bamnijhora	Bholardabri (Dolapara) Palasshtala	Flood	1700	

LIST OF BOAT OWNERS				
Sl. No.	Name of Boat Owners	Address	Contact No.	River
1	Krishna	Purbakathalbari	8609237513	Sil Torsha, Sanjay
2	Mokbul Chowdhary	Tapshikhata	9733251385	Kaljani, Ghargharia
3	Nimai Roy	Tapshikhata	8116063520	
4	Tarun Roy	Tapshikhata	9749058356	
5	Krishna	Tapshikhata	9932206946	
6	Mokbul Chowdhary	Tapshikhata	9832659951	
7	Himanshu Ray	Banchukamari	8609237513	Poro, Garam, Dima
8	Haru Ray	Banchukamari	9733251385	

DETAILS OF EXISTING FLOOD SHELTERS							
Sl. No.	Name of flood shelter	Address	Capacity	Overall condition	Present usage	Whether encroached	Position
1	Purbakathalbari Permanent Shelter	Purbakathalbari	500 nos. approx.	Not good	yes		Minor Rapier
2	Dakshin Patkapara I.T.D.P. School Permanent Flood Shelter	Dakshin Patkapara	300 nos. approx	Not good	yes		Minor Rapier
3	Vivekananda College	Birpara	300 nos. approx	Not good	yes		Minor Rapier
4	Pararpar BFP School	Pakuritala	300 nos. approx	Not good	yes		Minor Rapier
5	Ramkrishna Ashram	Paschim Jitpur	300 nos. approx	Not good	yes		Minor Rapier
6	Sahid Badal Nagar Vidhyapith	Uttar Jitpur	300 nos. approx	Not good	yes		Minor Rapier

LIST OF TEMPORARY FLOOD SHELTERS				
Sl. No.	Name of flood shelter	Address	Capacity	Position
1	Lalturam High School	Munsipara	200	Good
2	Karjeepara BFP School	Proadhanpara	100	Good
3	Nutunpara BFP School	Natunpara	90	Good
4	Suripara BFP	Suripara	250	Good
5	Salkumar hat H.S	Sidhabari	250	Good
6	Silbari H.S	Marichjapi,	150	Good
7	Silbarihat H.S	Pas Kathalbari,	200	Good
9	Patlakhawa Pry. School	Par Patlakhawa	100	Good
10	Gararjot SSK	Gararjot	50	Good
11	Rabindra Pry. School,	Silbarihat,	100	Good
12	Pas. Simlabari Pry. School	Pas. Simlabari,	100	Good
13	Purba Simlabari Pry. School	Purba Simlabari	100	Good
14	Nathuatari Pry. School	Nathuaari,	100	Good
15	Nathuatari Pry. School	U/Chakowakhei	100	Good
16	Uttar Kamsing Pry. School	Uttar Kamsing.	100	Good
17	Sradamohan Pry. School	Dakshin Kamsing	100	Good
18	Chilapata H.S.	Chilapata	100	Good
19	Swanirvar Bhavan	Bania Basti	100	Good
20	Dakshin Patkapara MPS	Dakshin Patkapara,	100	Good
21	Uttar Patkapara MPS Tapshikhata	Uttar Patkapara,	100	Good
22	Pas. Salbari BPP	Paschim Salbari	100	Good
23	Rabikanta High School	Birpara,	200	Good
24	Tapshikhata High School	Pararpar	250	Good
25	Hindi Pry. School	Satkodali,	100	Good
26	Hindi Pry. School	Chapaali,	100	Good
27	Ghagra High School,	Ghagra	200	Good

TEMPORARY HELIPAD/AIR-DROPPING POINT				
Sl. No.	Name of the G.P.	Phone No.	Nearest helipad	Location
1.	Salkumar -1	03563-272201	Play Ground near to Sub-Health Centre	N= 26° 34' 43.01"
				E= 089° 17' 54.06"
2.	Salkumar – 2	03563-272215	Play Ground near to Sub-Health Centre	N= 26° 34' 46.06"
				E= 089° 18' 17.03"
3	P/Kathalbari	03563-240238	Play Ground near to Pry. School, G.P. Office	N= 26° 30' 02.07"
				E= 089° 18' 15.03"
4	Patlakhawa	03566-246392	Play Ground near to G.P. Office	N= 26° 29' 56.07"
				E= 089° 21' 25.00"
5	Chakowakheti	03566-246362	Play Ground near to B.K. High School, Sonapur	N= 26° 29' 48.03"
				E= 089° 22' 41.01"
6	Mathura	03566-246362	Play Ground near to B.K. High School, Sonapur	N= 26° 29' 48.03"
				E= 089° 22' 41.01"

7	Tapshikhata	03561-286053	Play Ground of Patkapara High School	N= 26° 32' 58.06"
				E= 089° 25' 23.01"
8	Pararpar	03564-274992	Alipurduar Parade Ground	N= 26° 30' 10.01"
				E= 089° 31' 54.09"
9	Banchukamari	03561-289512	Play Ground of Forkadanga Sarna Adibashi High School	N= 26° 31' 59.03"
				E= 089° 28' 22.01"
10	Vivekananda-I	03564-270906	Alipurduar Parade Ground	N= 26° 30' 10.01"
				E= 089° 31' 54.09"
11	Vivekananda-II	03564-270486	Alipurduar Parade Ground	N= 26° 30' 10.01"
				E= 089° 31' 54.09"

BLOCK DISASTER MANAGEMENT COMMITTEE (BDMC)			
Sl.No.	Name of the members	Designation	Contact No.
1.	Nurbu Chewaing Sherpa	BDO	7797864100
2.	Manoranjan Dey	Sabhipati	03566-246517
3.	Anil Barman	P.S.Member (Purtha)	9734146246
4.	Nandita Mochhari	P.S. Member (Nari Sishu-O- Tran.)	9735059944
5.	Ujjwal Kumar Aich,	Jt. BDO	9593669138
6.	Nikhil Ch. Sarkar	Jt. BDO	8116400663
7.	Pradip Kr. Roy	SAE	9434109599
8.	Pradip Das	APO	9832047145
9.	Amritlal Debnath	FEO	9475140433
10.	Sukumar Roy	AAEO	9002626736
11.	Surendra Nath Roy	UDA (Relief)	9832442662
12.	Sarbajit Dutta	UDA (RWS)	9475649216
13.	Shaymal Roy	P.P.	9832404424

BLOCK LEVEL TASK FORCE

Name of Block	Name of the Task Force Members	Designation	Contact No.
BDO. APD-I	Nurbu Chewaing Sherpa	BDO	7797864100
BDO. APD	Ujjwal Kumar Aich,	Jt. BDO	9593669138
BDO. APD	Nikhil Ch. Sarkar	Jt. BDO	8116400663
BDO. APD	Pradip Kr. Roy	SAE	9434109599
BDO. APD	Pradip Das	APO	9832047145
BDO. APD	Amritalal Debnath	FEO	9475140433
BDO. APD	Kanak Chakraborty	PDO	9933012929
BDO. APD	Disnesh Das	Ins. BCW	9607758508
BDO. APD	Satajit Sinha	DEO	9734113151
BDO. APD	Sukumar Roy	AAEO	9002626736
BDO. APD	Surendra Nath Roy	UDA (Relief)	9832442662
BDO. APD	Sarbajit Dutta	UDA (RWS)	9475649216
BDO. APD	Shaymal Roy	P.P.	9832404424
BDO. APD	Gopal Kiran	Mech. (RWS)	9733021445
BDO. APD	Subrata Sarkar	F.A.	7699587232
BDO. APD	Alip Krishna Das	LDC	9733085755

Sl. No.	Name of the volunteers / trainees	Father's Name	Contract No.
1.	Ashutosh Roy	S/o Nimesh Roy	9609818328
2.	Munna Modak	D/o Dhiren Modak	8768850575
3.	Prasenjit Roy	S/o Phanibhusan Roy	9734147052
4.	Sanjap Oraon	S/o Bandhan Oraon	9733008544
5.	Biswajit Roy	S/oLt. Amal Roy	8145886165
6.	Keshab Barman	S/o Lt. Gojendra Barman	9832870067
7.	Pronay Roy	S/o Santosh Roy	8436728864
8.	Shibam Debnath	S/o Lt. Dilip Debnath	8101658910
9.	Sajal Barman	S/o Bhabesh Barman	
10.	Dipak Roy	S/o Ram Chandra Roy	8927683314
11.	Nayan Ghosh	S/o Kamal Ghosh	8372007389
12.	Babai Ghosh	S/o Nikhil Ghosh	8016428400
13.	Raju Ghosh	S/o Narayan Ghosh	7679421677
14.	Chiranjit Roy	S/o Anuram Roy	9733315519
15.	Biswajit Roy	S/o Sachitosh Roy	9641836070
16.	Nirmalendu Barman	S/o Rabindranath Barman	8927224587
17.	Pronob Roy	S/o Malin Roy	8001088609
18.	Prasanta Sinha Roy	S/o Paresb Sinha Roy	
19.	Pitush Roy	S/o Subhash Roy	
20.	Saroj Kumar Barman	S/o Fuleswar Barman	9734983686
21.	Alok Roy	S/o Rabi Roy	
22.	Pritam Oraon	S/o Kiran Oraon	

23.	Jyotish Barman	S/o Amullya Barman	
24.	Dipankar Pandit	S/o Prabir Pandit	8101615126
25.	Debabrata Roy	S/o Dhiran Ch. Roy	
26.	Bhaskar Modak	S/o Naru Modak	
27.	Sibani Roy	D/oShymal Roy	9749408457
28.	Ratan Roy	S/o Nripen Roy	7797831242
29.	Karabi Amin	S/o Malay Kr. Amin	8927109367
30.	Panchami Roy	D/o Harikanta Roy	
31.	Ambika Barman	D/o Amar Barman	9635868453
32.	Amit Kumar Ghosh	S/o Ajit Ghosh	9002725142
33.	Dibakar Roy	D/o Phanibhusan Roy	
34.	Suman Saha	D/O Subal Ch. Saha	9647738861

Block E.O.C. / Control-Room

Day	7AM to 10AM	5 PM to 10PM	10PM to 7AM
Monday	a) Ujjal kr Aich. Jt. BDO b) Khokan Barman –DEO (IAY)	a) Adhir Raha-A/C (MDM) b)Kishan Ghosh-DEO (SC/ST)	a)Nimai Gope Sarkar-DEO (MDM) b)Rajib Roy-DEO (IAY)
Tuesday	a)Surendra Nath Roy . UDA b)Shyamal Roy. P.P	a)Nani Gopal Mohanto.N.G b) Suresh Roy G.D P.S	a)Pradip Kumar Das. APO b) Swapankr.Sarkar TC
Wednesday	a)Pradip kr .Roy.SAE(RWP) b)Sukumar Roy. AAEO	a)Kanak Chakraborty . PDO b)Harish Ch. Sen.A.O	a)Biplab Kanjilal. A.O b)Abhijit Mallick.A.O
Thursday	a)Nikhil Ch Sarkar Jt. BDO b) Partha Halder P.A.(MGNREGA	a)Nurjamel Miah. M.W.I b) Hasimul Islam. SHG&Suparvihar	a)Dinesh Das.Ins.BCW b) Jayantkr.Ghosh.Asstt. BCW
Friday	a)Joydeep Majumder. SAE(A-I) b)Binoy Ekka.LDC(P.S)	a)Nilanjan Chakraborty.OCM b)Tapan kr.Dey.A.O	a)Satyajit Sinha.DEO. b)Dhrubajyoti Barman.J.P.O
Saturday	a)Amritlal Debnath. F.E.O b)Subrata SarKar. F.A	a)Amritlal Debnath. F.E.O b)Subrata SarKar. F.A	a)Pranab Sarkar. SEO b)Babla Rakshit.A.O
Sunday	a)Pradip Kumar Das. APO b) Swapankr.Sarkar TC	a) Pradip Das, APO. b)Binoy Ekka.LDC(P.S)	a)Sushanta kr .Pal.C.I b)Samiran Das.orderly to C.I

DISASTER PREPAREDNESS PLAN BLOCK PROFILE		
Sl. No.	Name and Address of the Block	ALIPURDUAR-II
1	Geographical Area	312.26 sq. Kms.
2	Total Population	218272
3	Density of Population	699
4	Male Population	112434
5	Female Population	105838 (As per 2011 census)
6	Percentage of Male Population	51.61%
7	Percentage of Female Population	48.39%
8	Sex Ratio	937.3
9	Scheduled Caste Population	912503
10	Male SC Population	46539
11	Female SC Population	44714
12	Percentage of SC Population	42%
13	Scheduled Tribe Population	40245
14	Male ST Population	20927
15	Female ST Population	19318
16	Percentage of ST Population	18%
17	Literate Population	146380
18	Male Literate Population	81044
19	Female Literate Population	65336
20	Percentage of Literate Population	67%
21	Percentage of Male Literate Population	73%
22	Percentage of Female Literate Population	63.1%
23	Birth Rate	15.14%
24	Death Rate	2.81%
25	Mortality Rate	----
26	Total no. of Gram Panchayats	11
27	Total No. of Gram Sansads	161
28	Total no. of polling stations	183
29	Total no. of Tea Gardens	4
30	Total no. of Police Stations	2
31	Important Establishments	----
32	Total no. of Police Outposts	3
33	No. of Primary School	248
34	No. of Junior High & High School	21
35	No. of ICDS Centre	365
36	No. of SSK	83
37	No. of MSK	10
38	No. of Tube wells	22079
39	No. and name of PHC	2
40	Total No. of Hospitals	4
41	No. of Mobile Vans	5
42	Total No. of Flood Shelter	Permanent-2, Temporary-21
43	Percentage of Agricultural Land	42% (approx)
44	Percentage of Industrial Area	3% (approx)

IMPORTANT CONTACT NO:

SL NO	NAME	DESIGNATION	MOBILE
1	Smt. Gayatri Biswas	Sabhapati	9800614198
2	Sri Biman Ch Das	BDO	7797864200
3	Smt. Sefali Roy	Sahakari Sabhapati	9749189633
4	Sri Sujoy Dhar	Jt. BDO	9614346963
5	Md Sekh Shahi Hassan	BMOH	9932343817
6		ADA	
7	Maniklal Hembram	BLDO	9831583241
8	Sri L.P. Bhutia	OC Samuktala PS	9932689473
9		OC Alipurduar PS	
10	Smt. Ratna Chakraborty	BL & LRO	9433422159
11	Smt. Sonamani Bhattacharya	CDPO	9932384307
12	Smt. Mingma Yangzom Wangdi	RO	9733277917
13	Sri Siddarth Tshering Dukpa	RO	9933499431
14	Sri Nitai Roy	RO	8101671194
15	Sri Sonom Tshring Sherpa	CI	8170030504
16	Sri Bappa Saha	MWI	8017182974
17	Sri Debajit Kar	FEO	9474719941
18	Sri Kalu Lama	BWO	9434603403
19	Sri Minal Kanti Dutta	APO	9733159331
20	Sri Moses Halder	BDMO	9749039027

21	Partha Sarathi Majumder	SAE (AI)	9733300739
22	Sri Rajib Gangopadhyay	BIO	8670101777
23	Sri Tapash Layek	Deputy Secretary	9434506974
24	Sri Tapan Kr. Roy	SEO	8967164355
25	Sri Subrata Dutta	Accountant cum HC	9734081850
26	Sri Shymal Ch Roy	UDA (Relief)	9932284314
27	Smt. Chumki Sarkar (Roy)	Karmadhyaksha	9933363377
28	Sri Ramprasad Saha	Opposition Leader	9832507080
29	Smt. Jharna Biswas	Karmadhyaksha	9800924853
30	Smt. Mina Baraik	Karmadhyaksha	9735016893
31	Sri Madan Das	Karmadhyaksha	9800531556
32	Sri Susil Kr. Roy	Karmadhyaksha	9474426361
33	Sri Priya Ranjan Sarkar	Karmadhyaksha	9593202535
34	Smt. Kanika Barman	Karmadhyaksha	9635362881
35	Smt. Arti Oraon (Kujur)	Karmadhyaksha	9564134590
36	Sri Sanak Das	Karmadhyaksha	9635530719
37	Sri Samir Sarkar	PC	9434810171
38	Sri Sanjoy Dhar	Sahayak	8509433371
39	Sri Subrata Pandit	AO	9832454880
40	Sri Bhaskar Sarkar	DEO	9800407721
41	Sri Debodipta Roy	Computer Asst.	9733344962
42	Sri Debabrota Dutta	JPO	9775995064
43	Sri Subhankar Banerjee	PA	9679704862
44	Sri Manojit Debnath	DEO	8116258513
45	Sri Dipak Dutta	Data Manager	9641579422

46	Aloka Bose (Das)	Turturi GP Pradhan	8768011212
47	Resma Das	Kohinoor GP Pradhan	8967844533
48	Manika Hembram	Samuktala GP Pradhan	9734942298
49	Nanik Roy	Mahakalguri GP Pradhan	9547994069
50	Jyotsna Roy	Parokata GP Pradhan	9002684504
51	Debi Das	Bhatibari GP Pradhan	9733226171
52	Aparna Barman	Chaparerpar-I GP Pradhan	9933375685
53	Rabindra Das	Chaparerpar-II GP Pradhan	7797856743
54	Tapan Roy	Tatpara-I GP Pradhan	9547889193
55	Bharati Das	Tatpara-II GP Pradhan	9564813198
56	Abani Kumar Biswas	Majherdabri GP Pradhan	9593731247

NAME AND PHONE NO. OF GRAM PANCHAYAT

SL NO	GRAM PANCHAYAT NAME	PHONE NUMBER
1	Turturi GP	8768011212
2	Kohinoor GP	8967844533
3	Samuktala GP	9734942298
4	Mahakalguri GP	9547994069
5	Parokata GP	9002684504
6	Bhatibari GP	9733226171
7	Chaparerpar-I GP	9933375685
8	Chaparerpar-II GP	7797856743
9	Tatpara-I GP	9547889193
10	Tatpara-II GP	9564813198
11	Majherdabri GP	9593731247

NO. AND NAME OF MOUZAS:

SL NO	NAME OF MOUZA	J.L. NO.	GRAM PANCHAYAT
1	Sovaganj	52	Chaparerpar-I
2	Chengpara	53	Chaparerpar-I
3	Chaparerpar	54	Chaparerpar-I
4	Chandirjhar	63	Chaparerpar-I
5	Chalnirpak	64	Chaparerpar-I
6	Bhelukdabri	62	Chaparerpar-II
7	Paschim Borochohki	65	Chaparerpar-II
8	Purba Borochohki	66	Chaparerpar-II
9	Salsalabari	73	Chaparerpar-II
10	Dakshin Majherdabri	55	Majherdabri
11	Uttar Panialguri	59	Majherdabri
12	Dakshin Panialguri	60	Majherdabri
13	Uttar Majherdabri	61	Majherdabri
14	Putimari	75	Majherdabri
15	Bhasardabri	76	Majherdabri
16	Dakshin Dhalkar	77	Majherdabri
17	Dakshin Shibkata	78	Majherdabri
18	Uttar Dhalkar	79	Majherdabri
19	Uttar Shibkata	80	Majherdabri
20	Srinathpur TG	81	Majherdabri
21	Majherdabri TG		Majherdabri
22	Madhya Shibkata	82	Majherdabri

23	Boragari	67	Bhatibari
24	Bhatibari	68	Bhatibari
25	Uttar Bhatibari	89	Bhatibari
26	Chilurghat	90	Bhatibari
27	Kumarijan	91	Bhatibari
28	Thanupara	96	Bhatibari
29	Paschim Khalisamari	97	Bhatibari
30	Purba Khalisamari	131	Bhatibari
31	Uttar Chikliguri	95	Bhatibari
32	Karjipara	69	Tatpara-II
33	Bindipara	70	Tatpara-II
34	Karipara	71	Tatpara-II
35	Khatopara	72	Tatpara-II
36	Kayakhata	74	Tatpara-II
37	Soudhpara	88	Tatpara-II
38	Dakshin Majidkhana	87	Tatpara-II
39	Pukhuria	83	Samuktala
40	Kadampur	100	Samuktala
41	Pototola	101	Samuktala
42	Samuktala	102	Samuktala
43	Baniagaon	103	Samuktala
44	Baniadabri	104	Samuktala
45	Joypur	105	Samuktala
46	Purba Jitpur	106	Samuktala
47	Sambalpur	107	Samuktala

48	Garokhuta	108	Samuktala
49	Jasodanga	84	Tatpara-I
50	Tatpara	85	Tatpara-I
51	Uttar Majidkhana	86	Tatpara-I
52	Taleswarguri	99	Tatpara-I
53	Paschim Chikliguri	92	Parokata
54	Chhit Chikliguri	93	Parokata
55	Purba Chikliguri	94	Parokata
56	Brajerkuti	133	Parokata
57	Uttar Parokata	129	Parokata
58	Madhya Parokata	130	Parokata
59	Dakshin Parokata	132	Parokata
60	Paschim Chepani	98	Mahakalguri
61	Uttar Chowkirbas	119	Mahakalguri
62	Mahakalguri	121	Mahakalguri
63	Dakshin Mahakalguri	122	Mahakalguri
64	Boro Chowkirbas	123	Mahakalguri
65	Choto Chowkirbas	124	Mahakalguri
66	Chhipra	125	Mahakalguri
67	Bakla	126	Mahakalguri
68	Chepani	127	Mahakalguri
69	Purba Chepani	128	Mahakalguri
70	Dangi (Lohar)	109	Turturi
71	Panbari	110	Turturi
72	Simlabari	111	Turturi

73	Damsibad	112	Turturi
74	Nurpur	113	Turturi
75	Turturi	114	Turturi
76	Dhowlajhora	115	Turturi
77	Uttar Rampur	116	Turturi
78	Loknathpur	117	Turturi
79	Dhowlajhora TG	118	Kohinoor
80	Kohinoor TG	120	Kohinoor

NO AND NAME OF RIVERS (IF ANY):

Sl. No.			Name of the river	Name of the Areas affected by the river	Percentage of people affected by flood	Nearest Flood Shelter
1			Kaljani	Chengpara, Chalnirpak, Dwipchar, Dharerhat	20% of that Area	Sovaganj, Santidevi High School, Chengpara BFP School, Mahesh Das MSK
2			Nonai	Chaparerper	10% of that Area	Sovaganj, Padmerpar MP School
3			Kalkut	D. Panialguri	7% of that Area	Dhalkar No.1 BFP School, Majherdabri High School
4			Gadadhar	D. Shibkata, U. Shibkata, U. Dhalkar, Nama Jasodanga	26% of that Area	Jasodanga High School, Dhalkar No.2 BFP School, Putimari High School

5	Raidak-I	Chepani, D. Mahakalguri, Chippa, Choto Chowkirbas, Boragari	15% of that Area	Chepani BFP School, Chepani Junior Basic School, Mahakalguri High School, Boro Chowkirbas Junior Basic School
6	Jayanti	Joypur, Jitpur, Sambalpur, Garokhuta, Dangi	12% of that area	Dangi Multipurpose Building, Purba Jitpur BFP School, Baniagaon Mission School, Pukhuria BFP School, Garokhuta BFP School
7	Dharsi	Baniadabri, Baniagaon, Boro Pukhuria, Kadampur	8% of that Area	Garokhuta BFP School, Kadampur TD Primary School, Soantalpur Mission High School
8	Turturi	U. Rampur, Panbari	25% of that Area	Loknathpur SC Primary School, Panbari SP Primary School
9	Dhowla	Dhowlajhora	8% of that Area	Dhowlajhora BFP School
10	Haribhanga	Kumarijan, Paschim Khalisamari	12% of that area	Kumarijan No.2 BFP School, Purba Khalisamari Junior Basic School
11	Cheko	Sovaganj, Chalnirpak, Dwipchar Colony	18% of that Area	Sovaganj Flood Shelter

a. Vulnerable/Damaged Embankments:

(i) Ex-Zamindary Embankments: Nil

(ii) Irrigation Embankments:

Sl. No.	Name of GP	Name of the Weak/ Vulnerable Embankment	Location	Affected by River	Reason of its vulnerability	Population likely to be affected	Remarks
1	Chapararpar-I	Sovagunj Embankment/Kaljani	Sovaganj	Kaljani	Waterlogging	800	
2	Samuktala	Samuktala bander embankment/Turturi	Samuktala	Jayanti	Waterlogging	600	
3	Turturi	Nurpur embankment/Turturi	Nurpur	Jayanti	Waterlogging	250	
4	Samuktala	Sambalpur Jayanti embankment/Turturi	Sambalpur	Jayanti	Waterlogging	150	
5	Chapararpar-II	Salsalabari embankment/Gadhadhar	Salsalabari	Gadhadhar	Waterlogging	300	
6	Chapararpar-I	Chengpara Embankment/Kaljani	Chengpara	Kaljani	Waterlogging	350	
7	Raidak-I	Boragari Embankment	Boragari	Raidak-I	Waterlogging	500	

8	Raidak-I	Kumarijan Embankment	Kumarijan	Raidak-I	Waterlogging	400	
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b. Vulnerable/Damaged Wooden Bridge:

Sl. No.	Name of GP	Name of the Weak and Vulnerable Culverts	Location	Reason of its vulnerability	Population likely to be affected	Remarks
1	Majherdabri	Majherdabri TG Culvert	Majherdabri TG	Weak	550	
2	Majherdabri	Dakshin Shibkata Gadhadar Culvert	Dakshin Shibkata	Weak	400	

c. Vulnerable/Damaged Culverts:

Sl. No.	Name of GP	Name of the Weak and Vulnerable Culverts	Location	Reason of its vulnerability	Population likely to be affected	Remarks
Nil	Nil	Nil	Nil	Nil	Nil	Nil

d. Vulnerable/Damaged Sluice Gates:

Sl. No.	Name of GP	Name of the Weak and Vulnerable Sluice Gates	Location	Reason of its vulnerability	Population likely to be affected	Remarks
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Nil	Nil	Nil	Nil	Nil	Nil	Nil
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54 LIST OF BOAT OWNERS:

Sl. No.	Name of the Boat Owners	Address	Contact No.	River on which Boat is Plying
1	Susil Barman	Chipra	7602768399	Raidak-I
2	Ratan Dey	Chipra	7679816599	Raidak-I
3	Tapan Debnath	Kathaltola	7872009055	Raidak-I
4	Susil Barman	Kathaltola	8570507358	Raidak-I
5	Parimal Pandit	Chipra	9547504169	Raidak-I
6	Akhil Debnath	Chipra	8670817020	Raidak-I
7	Sajal Dey	Kathaltola	7602298518	Raidak-I
8	Dipankar Dey	Kathaltola	7602298518	Raidak-I
9	David Soren	Jayanti Tola	9635819982	Gadhadhar
10	Gabriel Tudu	Jayanti Tola	9635819982	Gadhadhar
11	Mahakalguri GP	Bogapara	8513070352	Dhapsi River
12	Naresh Chowdhary	Dharrerhat	7584876991	Kaljani River
13	Anil	Chengpara		Nonai River
14	Madan Munda	Kharia Basti	8348212684	Raidak-I

55 DETAILS OF EXISTING FLOOD SHELTERS

Sl. No.	Name of the flood shelter	Address	Capacity	Overall condition	Present Useage	Whether encroached	GIS Data	
							Latitude	Longitude
1	Sovaganj	Sovaganj	150	Repairing is required	Nil	No	26*28'17.3"	89*33'27.7"
2	Kharia Basti	Mahakalguri	200	Repairing is required	Nil	No	26*31'30"	89*43'45"

56 LIST OF TEMPORARY FLOOD SHELTERS

Sl. No.	Name of flood shelter	Address	Capacity	GIS Data	
				Latitude	Longitude
1	BHATIBARI HIGH SCHOOL	BHATIBARI	750	26*25'	89*36'
2	CHEPANI HIGH SCHOOL	PURBA CHEPANI	700	26*30'	89*40'
3	CHIKLIGURI HIGH SCHOOL	CHIKLIGURI	745	26*26'31"	89*39'54"
4	JOSHODANGA HIGH SCHOOL	JASODANGA	1500	26*30'49"	89*37'50"
5	KHATOPARA BFP SCHOOL	KHATOPARA	250	26*29'00"	89*35'42"
6	BARMAN COLONY SP PRIMARY SCHOOL	KAYAKHATA	200	26*29'97"	89*35'48"
7	KANURAM BALIKA VIDYALAYA	CHAPARERPAR-I	650	26*28'	89*32'
8	LOKNATHPUR HIGH SCHOOL	TURTURI	1200		
9	MAHAKALGURI GIRLS HIGH SCHOOL	MAHAKALGURI	1000		
10	MAHAKALGURI MISSION HIGH SCHOOL	MAHAKALGURI	800		
11	MAJHERDABRI HIGH SCHOOL	MAJHERDABRI	1200	26*31'34"	89*33'38"
12	MAJIDKHANA HIGH SCHOOL	MAJIDKHANA	900		
13	NIRMALA GIRL' S HIGH SCHOOL	MAJHERDABRI	600		

14	PADMESWARI HIGH SCHOOL	CHAPARERPAR-I	700		
15	PAROKATA HIGH SCHOOL	PAROKATA	1000		
16	PARSHWANATH SMRITEE VIDYAPITH	DAKSHIN SHIBKATA	550	26*32'22"	89*36'44"
17	PUTIMARI HIGH SCHOOL	MAJHERDABRI	750		
18	SALSALABARI MODEL HIGH SCHOOL	SALSALABARI	1000	26*29'21"	89*35'25"
19	SAONTALPUR MISSION HIGH	SAMUKTALA	900		
20	SANTIDEVI HIGH SCHOOL	SOVAGANJ	600	26*28'45"	89*32'10"
21	ST XAVIERS HIGH SCHOOL	TURTURI	850		
22	TALESWARGURI HIGH SCHOOL	TATPARA-I	600		
23	UTTAR BHATIBARI GIRLS HIGH SCH	BHATIBARI	600		
24	BINDIPARA BFP SCHOOL	BINDIPARA	250	26*28'07"	89*35'58"
25	SINGIMARI BFP SCHOOL	SINGIMARI, TATPARA-II	200	26*27'08"	89*35'45"
26	PUKHURIA BFP SCHOOL	PUKHURIA	250	26*31'32"	89*38'45"
27	BANIAGAON MISSION PRIMARY SCHOOL	BANIAGAON	220	26*32'23"	89*39'15"
28	BANIADABRI MISSION PRIMARY SCH	BANIADABRI	250	26*33'54"	89*39'58"
29	JITPUR MISSION PRIMARY SCHOOL	JITPUR	220	26*34'18"	89*39'18"
30	GAROKHUTA PRIMARY SCHOOL	GAROKHUTA	250	26*32'39"	89*38'19"
31	KADAMPUR PRIMARY SCHOOL	KADAMPUR	210	26*31'23"	89*40'41"
32	CHENGPARA BFP SCHOOL	CHENGPARA	200	26*28'17"	89*33'27"
33	MAHESH DAS MSK	CHALNIRPAK	300	26*25'54"	89*33'26"
34	PADMERPAR NP SCHOOL	CHAPARERPAR	250	26*28'58"	89*33'29"
35	SOUTH BORAGARI JR. HIGH SCHOOL	BORAGARI	320	26*25'19"	89*36'41"
36	CHILURGHAT PRIMARY SCHOOL	KUMARIJAN	210	26*26'06"	89*38'07"
37	PURBA KHALISAMARI PRY VIDYALAYA	PURBA KHALISAMARI	190	26*27'46"	89*41'00"
38	PURBA KHALISAMARI MSK	PURBA KHALISAMARI	310	26*27'54"	89*40'07"
39	CHEPANI SUKANTA MSK	CHEPANI	290	26*30'32"	89*40'50"
40	MAHAKALGURI UDAYAN PRY SCH	MAHAKALGURI	190	26*31'16"	89*41'15"
41	CHEPANI-I BFP SCHOOL	CHHIPA	180	26*30'35"	89*41'31"
42	BOROCHOWKIR BOS JR. BASIC SCH	CHOTO CHOWKIRBAS	210	26*31'28"	89*42'59"
43	DANGI JR. HIGH SCHOOL	TURTURI	320	26*35'28"	89*40'16"
44	PANBARI SC PRY SCHOOL	PANBARI	150	26*36'06"	89*40'24"
45	SIMLABARI GMP PRY SCHOOL	SIMLABARI	180	26*36'45"	89*41'27"
46	SWAMIJI PRIMARY SCHOOL	PAROKATA	175	26*26'29"	89*40'30"
47	PASCHIM BOROCHOWKI PRY SCH	PASCHIM BOROCHOWKI	200	26*25'25"	89*35'35"
48	BAPUJI SISHU SIKHA MANDIR	PASCHIM BOROCHOWKI	160	26*27'06"	89*34'57"
49	BHELUKDABRI BFP SCHOOL	BHELUKDABRI	220	26*29'11"	89*34'14"
50	DHOWLAJHORA BASTY SSK	DHOWLAJHORA	190	26*37'07"	89*43'00"

57 TEMPORARY HELIPAD/AIR-DROPPING POINT

Sl. No.	Name of the place	Address	GIS Data	
			Latitude	Longitude
1	Indira Colony (Permanent Helipad Point)	Samuktala	26*32'48"	89*40'10"
2	BHATIBARI HIGH SCHOOL	Bhatibari	26*25'	89*36'
3	MAJIDKHANA HIGH SCHOOL	Majidkhana		
4	LOKNATHPUR HIGH SCHOOL	Turturi		
5	Sidhu Kanhu College	Chotto Pukhuria	26*31'18"	89*38'30"
6	CHEPANI HIGH SCHOOL	Chepani	26*30'	89*40'
7	Shakti Nagar Play Ground	Samuktala		
8	MAHAKALGURI MISSION HIGH SCHOOL	Mahakalguri		
9	PUTIMARI HIGH SCHOOL	Putimari		

BLOCK DISASTER MANAGEMENT COMMITTEE (BDMC)

Sl. No.	Name of the members	Designation	Contact No.	Designation in BDMC
1	Smt. Gayatri Biswas	Sabhapati	9800614198	Chairperson
2	Sri Biman Ch Das	BDO	7797864200	Secretary
3	Smt. Sefali Roy	Sahakari Sabhapati	9749189633	Member
4	Sri Sujoy Dhar	Jt. BDO	9614346963	Member
5	Md Sekh Shahi Hassan	BMOH	9932343817	Member
6		ADA		Member
7	Maniklal Hembram	BLDO	9831583241	Member
8	Sri L.P. Bhutia	OC Samuktala PS	9932689473	Member
9		OC Alipurduar PS		Member
10	Smt. Ratna Chakraborty	BL & LRO	9433422159	Member
11	Smt. Sonamani Bhattacharya	CDPO	9932384307	Member
12	Smt. Mingma Yangzom Wangdi	RO	9733277917	Member
13	Sri Siddarth Tshering Dukpa	RO	9933499431	Member
14	Sri Nitai Roy	RO	8101671194	Member
15	Sri Sonom Tshring Sherpa	CI	8170030504	Member
16	Sri Bappa Saha	MWI	8017182974	Member
17	Sri Debajit Kar	FEO	9474719941	Member
18	Sri Kalu Lama	BWO	9434603403	Member
19	Sri Minal Kanti Dutta	APO	9733159331	Member
20	Sri Moses Halder	BDMO	9749039027	Convening Member
21	Partha Sarathi Majumder	SAE (AI)	9733300739	Member
22	Sri Rajib Gangopadhyay	BIO	8670101777	Member
23	Sri Tapash Layek	Deputy Secretary	9434506974	Member

24	Sri Tapan Kr. Roy	SEO	8967164355	Member
25	Sri Subrata Dutta	Accountant cum HC	9734081850	Member
26	Sri Shymal Ch Roy	UDA (Relief)	9932284314	Member
27	Smt. Chumki Sarkar (Roy)	Karmadhyaksha	9933363377	Member
28	Sri Ramprasad Saha	Opposition Leader	9832507080	Member
29	Smt. Jharna Biswas	Karmadhyaksha	9800924853	Member
30	Smt. Mina Baraik	Karmadhyaksha	9735016893	Member
31	Sri Madan Das	Karmadhyaksha	9800531556	Member
32	Sri Susil Kr. Roy	Karmadhyaksha	9474426361	Member
33	Sri Priya Ranjan Sarkar	Karmadhyaksha	9593202535	Member
34	Smt. Kanika Barman	Karmadhyaksha	9635362881	Member
35	Smt. Arti Oraon (Kujur)	Karmadhyaksha	9564134590	Member
36	Sri Sanak Das	Karmadhyaksha	9635530719	Member
37	Sri Samir Sarkar	PC	9434810171	Member
38	Sri Sanjoy Dhar	Sahayak	8509433371	Member
39	Sri Subrata Pandit	AO	9832454880	Member
40	Sri Bhaskar Sarkar	DEO	9800407721	Member
41	Sri Debodipta Roy	Computer Asst.	9733344962	Member
42	Sri Debabrota Dutta	JPO	9775995064	Member
43	Sri Subhankar Banerjee	PA	9679704862	Member
44	Sri Manojit Debnath	DEO	8116258513	Member
45	Sri Dipak Dutta	Data Manager	9641579422	Member

LIST OF NGOs (DEALS WITH DISASTER MANAGEMENT RELATED JOB)

Sl. No.	Name of the NGO	Address	Contact No.
1	Swami Vivekananda Social Welfare	Taleswarguri	Mithuranjan Dey, 7872139885
2	Samuktala Mohila Sanskritik Welfare Organization	Samuktala	Monika Pandit (), Rubi Ghosh (8101834999)
3	SPREADS(PRAYAS)	Jalpaiguri District	Salsalabari ,President Sanjib Chakraborty
4	SIPATWO	Salsalabari	President Asok Sarkar, 03564- 220242
5	CASA	Alipurduar-II Block	Debcolony,Animesh Basu
6	Pragati Sangha	Chapererpar-I G.P.	Sukumar Roy , Chapererpar
7	Matsya Jibi Sambai Samati	Tatpara-II G.P.	Ramendra Roy Kayakhata
8	Ramakrishna Sangha	Tatpara-II G.P.	Asim Sarkar,9932873362
9	Soura Shakti Club	Bhatibari G.P.	Mrinal Dutta, Bhatibari
10	MANT	Bhatibari G.P.	Jhantu das

11	Dhalkar Janasanga & Library	Dhalkar	U. Mahato Dhalkar
12	F.P.C.	Dhalkar	Biren Barman, 9932753308
13	Bharat Sebasram	Turturi	
14	Baniagaon Adibasy Unnayan Samity	Samuktala	Mariom Soren
15	Jalpaiguri Seva Sadan		Snikumar Narjinary

LIST OF CERTIFIED CIVIL DEFENCE VOLUNTEERS/TRAINEES

Sl. No.	Name of the volunteers/ trainees	Father's Name	Address	Contact No.
1	RITA BARMAN	BINOD BARMAN	D. MAJHERDABRI	8670208977
2	ANIMA BARMAN	NAGEN BARMAN	D. MAJHERDABRI	7602386334
3	LIPTAN DAS	KUNJABIHARI DAS	D. SHIBKATA	7797924455
4	PRODIP DAS	DHANESH CH DAS	BINDIPARA	9800679285
5	RAJESH DAS	AJIT DAS	BHATIBARI	8906507996
6	TAPAS DAS	PARIMAL DAS	D. SHIBKATA	9134956409
7	MRINAL ROY	MANTU ROY	D. MAJHERDABRI	8927923353
8	BISWAJIT BARMAN	AJIT BARMAN		8609608410
9	TANUJ BISWAS	SUBHASH BISWAS	BHATIBARI	9547953160
10	SUBRATA DAS	SABITRA DAS		8513915868

11	APURBA MAHATO	PARESH CH MAHATO	D. DHALKAR	9609340459
12	JAYANTO MAHATO	ARABINDO MAHATO	DHALKAR	7797842495
13	DHARBINDA BISWAS	SUBHASH BISWAS	BHATIBARI	8170087462
14	TAPAN BARMAN	SATYA BARMAN	BHATIBARI	9563677809
15	SWARUP TARAFDER	BICHITRA TARAFDER	U. PANIALGURI	9093495289
16	SWAPAN ROY	SANTU ROY	CHANDIRJHAR	7031228444
17	BABUL RAHAMAN	JASHIA RAHAMAN	D. SHIBKATA	8345091997
18	SAJAL SEN	ANIRUDHYA SEN		8609090947
19	RAJIB BARMAN	JAGADISH BARMAN		9735035759
20	LITON DEY	JIBAN CH DEY	DHALKAR	8609092909
21	CHANDAN ROY	SUNIL ROY	CHEKKO	9002538338
22	BAPAN SARKAR	PULIN SARKAR	SALSALABARI	7602889332 & 9749198302
23	RATAN DAS	SURESH DAS		7699271210
24	UTTAM BARMAN	UDAY KANTA BARMAN	SALSALABARI	9641208288
25	BIKASH BARMAN	SHOVA BARMAN	PUTIMARI	8967840812
26	KHAGEN DAS	HERENDRA DAS	D. SHIBKATA	9593794399
27	SUKLAL BISWAS	LT. JUGENDRA CH	D. SHIBKATA	9547876346
28	MADAN SARKAR	HARI MOHAN	KUMARIJAN	9547082834

BLOCK E.O.C./CONTROL-ROOM

DAY	7AM to 10AM	5PM to 10PM	10PM to 7AM
Monday	Khagen Das, Liptan Das	Suklal Biswas, Tapas Das	Madan Sarkar, Tanuj Biswas
Tuesday	Pradip Das, Tapan Barman	Bapan Sarkar, Bikash Barman	Swapan Roy, Chandan Roy
Wednesday	Rajib Barman, Biswajit Barman	Jayanto Mahato, Liton Dey	Dharbinda Biswas, Rajesh Das

Thursday	Ratan Das, Swarup Tarafder	Subrata Das, Sajal Sen	Apurba Mahato, Babul Rahaman
Friday	Khagen Das, Liptan Das	Suklal Biswas, Tapas Das	Madan Sarkar, Tanuj Biswas
Saturday	Pradip Das, Tapan Barman, Ratan Das	Bapan Sarkar, Bikash Barman, Swarup Tarafder	Swapan Roy, Chandan Roy, Apurba Mahato
Sunday	Rajib Barman, Biswajit Barman, Subrata Das	Jayanto Mahato, Liton Dey, Sajal Sen	Dharbinda Biswas, Rajesh Das, Babul Rahaman

EVACUATION PLAN

Name of the GP	Name of the Village	Name of the Rescue Shelter	Location		Capacity	Name of the Para/lane from where people will come	Shortest route to be used by the villagers	Alternative route, if any	Contact Person with Phone No.
			Latitude	Longitude					
Tatpara-I	Nama Jasodanga	Jasodanga HS School	26*30'49"	89*37'50"	1500	Nama Jasodanga	2.00 km		Pradhan-9547889193

Tatpara-II	Kayakhata	Barman Colony SP Primary School	26*29'97"	89*35'48"	100	Barman Colony	0.6 km		Pradhan-9564813198
Tatpara-II	Khatopara	Khatopara BFP School	26*29'00"	89*35'42"	75	Khatopara	0.5 km		Pradhan-9564813198
Tatpara-II	Bindipara	Bindipara BFP School	26*28'07"	89*35'58"	125	Bindipara	1.00 km		Pradhan-9564813198
Tatpara-II	Singimari	Singimari BFP School	26*27'08"	89*35'45"	200	Singimari	2.00 km		Pradhan-9564813198
Tatpara-II	Karjipara	Karjipara BFP School			150	Karjipara	1.00 km		Pradhan-9564813198
Samuktala	Pukuria	Pukuria BFP School	26*31'32"	89*38'45"	100	Pukhuria	3.00 km		Pradhan-9734942298
Samuktala	Baniagaon	Baniagaon Mission Primary School	26*32'23"	89*39'15"	100	Baniagaon	1.5		Pradhan-9734942298
Samuktala	Baniadabri	Jitpur Mission Primary School	26*34'18"	89*39'18"	125	Baniadabri	1.00 km		Pradhan-9734942298
Samuktala	Joypur	Jitpur Mission Primary School	26*34'18"	89*39'18"	125	Joypur	4.00 km		Pradhan-9734942298
Samuktala	Garokhuta	Garokhuta Primary School	26*32'39"	89*38'19"	75	Garokhuta	1.00 km		Pradhan-9734942298

Samuktala	Kadampur	Kadampur Primary School	26*31'23"	89*40'41"	75	Kadampur	1.5 km		Pradhan-9734942298
Chaparerpar-I	Chengpara	Chengpara BFP School	26*28'17"	89*33'27"	125	Chengpara	1.5		Pradhan-9933375685
Chaparerpar-I	Chalnirpak	Mahesh Das MSK	26*25'54"	89*33'26"	200	Chalnirpak			Pradhan-9933375685
Chaparerpar-I	Sovaganj	Sovaganj Flood Shelter	26*28'17.3"	89*33'27.7"	150	Sovaganj/ Nonai	1.00 km		Pradhan-9933375685
Chaparerpar-I	Sovaganj	Debendra Sishu Sikshya Nekatan			150	Sovaganj/ Nonai	1.00 km		Pradhan-9933375685
Chaparerpar-I	Sovaganj	Santidevi High School	26*28'45"	89*32'10"	400	Sovaganj/ Dwipchar	0.5 km		Pradhan-9933375685
Chaparerpar-I	Chaparerpar	Padmerpar NP School			150	Chaparerpar	1.00 km		Pradhan-9933375685
Bhatibari	Boragari	South Boragari Jr. High School	26*25'19"	89*36'41"	130	Boragari	1.5 km		Pradhan-9733226171
Bhatibari	Kumarijan	Chilurghat Primary School	26*26'06"	89*38'07"	100	Kumarijan	1.00 km		Pradhan-9733226171
Bhatibari	Purba Khalisamari	Purba Khalisamari MSK	26*27'54"	89*40'07"	200	Purba Khalisamari	2.00 km		Pradhan-9733226171
Mahakalguri	Chepani	Chepani MSK	26*30'32"	89*40'50"	700	Chepani	0.5 km		Pradhan-9547994069

Mahakalguri	Dakshin Mahakalguri	Dakshin Mahakalguri Uddayan Primary School	26*31'16"	89*41'15"	190	Dakshin Mahakalguri	0.5 km		Pradhan-9547994069
Mahakalguri	Bakla School Danga	Chepani No.1 BFP School	26*30'35"	89*41'31"	180	Bakla School Danga	0.7 km		Pradhan-9547994069
Mahakalguri	Chhipra Choto Chowkirbas	Baro Chowkirbas Jr. Basic School	26*31'28"	89*42'59"	400	Baro Chowkirbas	1.5 km		Pradhan-9547994069
Majherdabri	Uttar Dhalkar	Parswanath High School			1400	1. Uttar Dhalkar 2. Dakshin Dhalkar	1.00 km		Pradhan-9593731247
Majherdabri	Uttar Shibkata	Uttar Shibkata BFP School			150	Uttar Shibkata	1.0 km		Pradhan-9593731247
Majherdabri	Dak/ Panialguri	Majherdabri High School	26*31'34"	89*33'38"	1500	Dak/ Panialguri	1.20 km		Pradhan-9593731247
Majherdabri	Dak/ Panialguri	Dakshin Panialguri Primary School			200	Dak/ Panialguri	1.00 km		Pradhan-9593731247
Majherdabri	Dakshin Dhalkar	Dhalkar No.1 BFP School			150	Dakshin Dhalkar	1.50 km		Pradhan-9593731247
Majherdabri	Dakshin Majherdabri	Dakshin Majherdabri BFP School			170	Dakshin Majherdabri	1.25 km		Pradhan-9593731247

Parokata	Madhya Parokata	Madhya Parokata Jr. Basic School			220	Madhya Parokata	2.5 km		Pradhan-9002684504
Parokata	Madhya Parokata	Chepani High School	26*30'	89*40'	700	Madhya Parokata	2.00 km		Pradhan-9002684504
Parokata	Dakshin Parokata	Dakshin Parokata Primary School			500	Dakshin Parokata	1.90 km		Pradhan-9002684504
Parokata	East Chikliguri	Chikliguri High School	26*26'31"	89*39'54"	1300	East Chikliguri	2.00 km		Pradhan-9002684504
Parokata	East Chikliguri	Swamiji Primary School	26*26'29"	89*40'30"	250	East Chikliguri	2.25 km		Pradhan-9002684504
Parokata	West Chikliguri	Chikliguri Special Cadre Primary School			200	West Chikliguri	1.80 km		Pradhan-9002684504
Parokata	Paschim Chikliguri	Paschim Chikliguri Board School			150	Paschim Chikliguri	1.00 km		Pradhan-9002684504
Turturi	Dangi	Dangi Primary School	26*35'28"	89*40'16"	400	Dangi	1.5 km		Pradhan-8768011212
Turturi	Damsibad	Simlabari GMP Primary School	26*36'45"	89*41'27"	250	Damsibad	3.00 km		Pradhan-8768011212

Turturi	Dhowlajhora	Dhowlajhora Basti SSK	26*37'07"	89*43'00"	125	Dhowlajhora	1.00 km		Pradhan-8768011212
Turturi	Dhowlajhora	Dhowla ITDP Primary School	26*37'	89*43'	150	Dhowlajhora	0.85 km		Pradhan-8768011212
Turturi	Uttar Rampur	Uttar Rampur SC Primary School			300	Uttar Rampur	1.20 km		Pradhan-8768011212
Turturi	Panbari	Panbari Mission Primary School	26*36'06"	89*40'24"	250	Panbari	0.2 km		Pradhan-8768011212
Chaparerpar-II	Paschim Barochowki	Paschim Barochowki Primary School	26*25'25"	89*35'35"	150	Paschim Barochowki	1.5 km		Pradhan-7797856743
Chaparerpar-II	Paschim Barochowki (Purbansha)	Bapuji Sishu Sikshya Mandir	26*27'06"	89*34'57"	130	Paschim Barochowki	1.00 km		Pradhan-7797856743
Chaparerpar-II	Salsalabari	Salsalabari High School	26*29'21"	89*35'25"	1200	Salsalabari	1.5 km		Pradhan-7797856743
Chaparerpar-II	Bhelukdabri	Bhelukdabri BFP School	26*29'11"	89*34'14"	280	Bhekuldabri	1.25 km		Pradhan-7797856743

ALIPURDUAR MUNICIPALITY

DISASTER PREPAREDNESS PLAN FOR 2018

PROFILE OF ALIPURDUAR MUNICIPALITY

GEOGRAPHICAL	
Name & Address of the Municipality	Alipurduar Municipality
Total Geographical Area	9.57 Sqr. K.M.
Total Agricultural Land	13.42 Accores
Total Forest Area	NIL
Total No. of Ward	20 Nos.

DEMOGRAPHIC	
Population of Municipality :	Total: 65275 Male: 33067 Female: 32208
S.C. Population:	11,771
S.T. Population:	498
OBC Population:	Not Available
General Population:	58915
Total Household:	19945
Total No. of BPL Family:	5924

GENERAL	
No. of Primary Schools	34 Nos.
No. of Jr. High & High Schools	11 Nos.
No. of Polling Stations	58 Nos.
No. of ICDS Centers	76 Nos.
No. of SSK	NIL
No. of MSK	NIL
No. of Tube-Wells	1260
No. & Name of PHC	07(SHP)

No. , Name & phone No. of Wards :

Sl. No.	Councillor Name	Ward No.	Designation	Phone No.
1.	Ashis Ch. Dutta	II	Chairman	9434004771
2.	Ruma Chatterjee	X	Vice-Chairperson	8900418900
3.	Madhumita Kar (Das)	I	Councillor	8927670753
4.	Anindya Bhowmik	III	Councillor	9434137645
5.	Banhi Saha	IV	Councillor	9832662433

6.	Debkanta Barua (Nantu)	V	Councillor	9434145274
7.	Goutam Talukdar	VI	Councillor	9475895716
8.	Minati Das	VII	Councillor	9832544039
9.	Subhash Kar Choudhury	VIII	Councillor	9434004764
10.	Dipak sarkar	IX	Councillor	9832547071
11.	Ashis Ch. Dutta (on behalf of Deceased Councillor Debabrata Mallick)	XI	Chairman	9434004771
12.	Dipta Chatterjee	XII	Councillor	9434213619
13.	Maya Majumdar	XIII	Councillor	9635417732
14.	Santanu Bhowmick (Bappa)	XIV	Councillor	9434169851
15.	Sabir Saha (Bura)	XV	Councillor	9734115232
16.	Dibakar Pal (Paltan)	XVI	Councillor	9832109282
17.	Mampi Adhikary	XVII	Councillor	9563317408
18.	Amulya Mandal	XVIII	Councillor	9832463731
19.	Sanjib Barman (Guni)	XIX	Councillor	9832475808
20.	Rinki Barman	XX	Councillor	9749215833

No. & Name of Mouzas:

Sl. No.	Name of Mouza	J.L. No.	Ward No.
01.	Damanpur	51	II, III, IV, V, VI, XIV, XVI, XX
02.	Alipurduar	50	VI, VII, VIII, IX, X, XI, XII, XIII, XV, XVIII
03.	West Jitpur	49	I, VIII,

No. & Name of Rivers (if any):

Sl. No.	Name of the River	Name of the Areas affected by the river	Percentage of people affected by flood	Nearest Flood Shelter
1.	Dima	Uttar Arabindanagar, Beltala, Pilkhana, Rabindranagar, Bidhanpally, Surjanagar, Vidyasagar Colony	75%	Arabindanagar Junior High School, Surjanagar Flood Shelter, Alipurduar College
2.	Kaljani	Gowalapatty, New Market, Hatath Colony, Newtown Durgabari, Anandanagar, Santinagar, Debinagar, Sathir Goli, Ramrup Singha Road, Sutlipatty	60%	Mc. William School, Hindi High School, Balika Shiksha Mandir, APD Hat Shed, Alipurduar High School, Alipurduar 1No. Primary School
3.	Nonai	34 Plot, Netaji Road, College Para, Bharat Nagar, Purba Santinagar	70%	Senior Basic School, Gobinda High School, Arabinda Smriti Primary School, Sovaganj B.F.P. School

River carrying Capacity :

Name of the River	Gauge Station	Danger Level (in Mtrs.)
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Not Available

Irrigation Projects :

Sl. No.	Name of the Project	Area Covered
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Not Available

VULNERABLE LOCATIONS/AREA (FOR 2018 MONASOON)

a) Vulnerable/Damaged Embankment :

Sl. No.	Name of Municipality	Name of the Weak/ Vulnerable Embankment	Location	Affected by River	Reason of its Vulnerability	Population likely to be affected	Remarks
1.	Alipurduar Municipality	Ward No- XVII	Ward No- XVII	Kaljani	Weak Embankment	3000	To be repair immediately

a) Vulnerable/Damaged Sluice Gates :

Sl. No.	Name of Municipality	Name of the Weak and Vulnerable Sluice Gates	Location	Reason of its Vulnerability	Population likely to be affected	Remarks
1.	Alipurduar Municipality	Ward No-I	Arabindanagar, Ward No-I	Likage Suice gates	2000	To be repair immediately
2.	"	Ward No-VIII	Arabindanagar & Surjanagar	Likage Suice gates	3000	To be repair immediately
3.	"	Ward No-IX	Bidhanpally & Shikshakpally	Likage Suice gates	3500	To be repair immediately
4.	"	Ward No-XI	Near Palashbari	Likage Suice gates	2000	To be repair immediately
5.	"	Ward No-V	Ward No-V	Likage Suice gates	2500	To be repair immediately
6.	"	Ward No-XV	Near Subhashpally	Likage Suice gates	2000	To be repair immediately
7.	"	Ward No- XVIII	Near Promad Nagar & Sanjay colony	Likage Suice gates	2500	To be repair immediately
8.	"	Ward No-VIII	Arabindanagar, Beltala	Likage Suice gates	2000	To be repair immediately

List of Boat Owners : Not Available

Details of Existing Flood Shelters

Sl. No.	Name of Flood Shelter	Address	Capacity	Overall Condition	Present Usage	Weather Encroached	Position
1.	Surjanagar Flood Shelter	Surjanagar Municipal Ward No-VIII/IX	2000	Good	Rescue Centre	No	Good
2.	Bogribari Flood Shelter	Municipal Ward No-XV	1800	Good	Rescue Centre	No	Good

List of Temporary Flood Shelters

Sl. No.	Name of Flood Shelter	Address	Capacity	Position
1.	Arabindabnagar Jr. High School	Arabindanagar, Ward No-I	1000	Good
2.	Mc William High school	Newtown, Madhavmore, Ward No-II	2000	Good
3.	Senior Basic School	Netaji Road, Ward No-III	350	Good
4.	Gobinda High School	Netaji Road, Ward No-XVI	2000	Good
5.	Hindi High School	Samuktala Road, Ward No-XIV	1000	Good
6.	Balika Shiksha Mandir	Newtown, Ward No-VII	600	Good
7.	Surjanagar R.R. Pry. School	Surjanagar, Ward No-IX	100	Good
8.	Alipurduar Hut Shed	Alipurduar Hut, Ward No-XI	1100	Good
9.	Alipurduar High school	Alipurduar, Ward No-XII	1500	Good

10.	Arabindanagar Smriti Pry. School	Purba Santinagar, Ward No- XX	250	Good
11.	Alipurduar College	Chittaranjan Pally, Ward No- III	5000	Good
12.	Sovaganj B.F.P. School	Sovaganj, Ward No- XX	500	Good
13.	Alipurduar No.1 Pry. School	Hatath Colony, Ward No-XVIII	1000	Good

Temporary Helipad/Air-Dropping Point

Sl. No.	Name of the place	Address	Position
1.	Arabindanagar Play Ground	Arabindanagar, Ward No-I	Good
2.	Alipurduar Pared Ground	Alipurduar, Ward No- XIX	Good
3.	Surjanagar Play Ground	Surjanagar, Ward No- IX	Good
4.	B.M.C. Play Ground	Babupara, Ward No- XVIII	Good

Municipal Disaster Management Committee (MDMC)

Sl. No.	Name of the Members	Designation	Contact No.
1.	Ashis Ch. Dutta	(Chairman)	9434004771
2.	Ruma Chatterjee	(Vice-Chairperson)	8900418900
3.	Madhumita Kar (Das)	(Councillor)	8927670753
4.	Anindya Bhowmik	(Councillor)	9434137645

5.	Banhi Saha	(Councillor)	9832662433
6.	Debkanta Barua (Nantu)	(Councillor)	9434145274
7.	Goutam Talukdar	(Councillor)	9475895716
8.	Minati Das	(Councillor)	9832544039
9.	Subhash Kar Choudhury	(Councillor)	9434004764
10.	Dipak Sarkar	(Councillor)	9832547071
11.	Dababrata Mallick (Babla)	(Councillor)	9734970045
12.	Dipta Chatterjee	(Councillor)	9434213619
13.	Maya Majumdar	(Councillor)	9635417732
14.	Santanu Bhowmick (Bappa)	(Councillor)	9434169851
15.	Sabir Saha (Bura)	(Councillor)	9734115232
16.	Dibakar Pal (Paltan)	(Councillor)	9832109282
17.	Mampi Adhikary	(Councillor)	9563317408
18.	Amulya Mandal	(Councillor)	9832463731
19.	Sanjib Barman (Guni)	(Councillor)	9832475808
20.	Rinki Barman	(Councillor)	9749215833

Name of The Municipality	Name of the Members of Task Force	Designation	Contact no.
Alipurduar Municipality	Ashis Ch. Dutta	(Chairman)	9434004771
	Ruma Chatterjee	(Vice-Chairperson)	8900418900
	Madhumita Kar (Das)	(Councillor)	8927670753
	Anindya Bhowmik	(Councillor)	9434137645
	Banhi Saha	(Councillor)	9832662433
	Debkanta Barua (Nantu)	(Councillor)	9434145274
	Goutam Talukdar	(Councillor)	9475895716
	Minati Das	(Councillor)	9832544039
	Subhash Kar Choudhury	(Councillor)	9434004764
	Dipak Sarkar	(Councillor)	9832547071
	Dababrata Mallick (Babla)	(Councillor)	9734970045
	Dipta Chatterjee	(Councillor)	9434213619
	Maya Majumdar	(Councillor)	9635417732
	Santanu Bhowmick (Bappa)	(Councillor)	9434169851
	Sabir Saha (Bura)	(Councillor)	9734115232
	Dibakar Pal (Paltan)	(Councillor)	9832109282
	Mampi Adhikary	(Councillor)	9563317408
	Amulya Mandal	(Councillor)	9832463731
	Sanjib Barman (Guni)	(Councillor)	9832475808
	Rinki Barman	(Councillor)	9749215833
	Raja Roy	Civil Defense Volunteer	9734948747
	Sumay Chakraborty	Civil Defense Volunteer	8293145573
	Subhankar Ghosh Roy	Civil Defense Volunteer	

	Mayukh Bhowmick	Civil Defense Volunteer	9832007881
	Bimalendu Talukdar	P.A. to Chairman	7602624600
	Malay Paul	Cashier	9832301396
	Bibhu Ghosh	Light Supervisor	9932856213

Evacuation Plan

Name of Municipality	Ward No.	Name of Rescue Shelter	Location		Name of Para/lane from where people will come	Shortest route to be used by the villagers	Alternative route, if any	Contact person with phone no.
			Latitude	Longitude				
Alipurduar Municipality	Ward No- I	Arabindanagar Jr. High School	Arabindanagar		Arabindanagar			Madhumita Kar (Das) (Councillor) 8927670753
"	Ward No-II	Mc William high School	Newtown		Newtown			Ashis Ch. Dutta (Chairman) 9434004771
"	Ward No-III	Senior Basic School	Netaji Road, Collegepara		Netaji Road, Collegepara			Anindya Bhowmik (Councillor) 9434137645
"	Ward No-IV	Gobinda High School	Netaji Road		Netaji Road			Banhi Saha (Councillor) 9832662433
"	Ward No-V	Hindi High School	Anandanagar, Santinagar		Anandanagar, Santinagar			Debkanta Barua (Councillor) 9434145274
"	Ward No-VI	Balika Sikshya Mandir	Debinagar, Sathirgoli		Debinagar, Sathirgoli			Goutam Talukdar (Councillor) 9475895716
"	Ward No-VII	Balika Sikshya Mandir	Ramrup Singha Road, Sutli patty		Ramrup Singha Road, Sutli patty			Minati Das (Councillor) 9832544039
"	Ward No-VIII	Suryanagar R.R. Pry. School	Beltala, Pilkhana		Beltala, Pilkhana			Subhash Kar Chowdhury (Councillor) 9434004764
"	Ward No-IX	Suryan	Bidhanpally, Suryanagar,		Bidhanpally			Dipak Sarkar

		agar R.R. Pry. School	Bidyasagar	Suryanagar , Bidyasagar			(Councillor) 9832547071
„	Ward No-X	Balika Sikshya Mandir	Goala Patty, New Market	Goala Patty, New Market			Ruma Chatterjee (Vice- Chairperson) 8900418900
„	Ward No-XI	Alipurduar Hut Shed	Palashbari, Palash Bari Char, Ashutosh Club	Palashbari, Palash Bari Char, Ashutosh Club			Debabrata Mallick (Councillor) 9734970045
„	Ward No- XII	Alipurduar High School	Babupara Jhil, Babupara	Babupara Jhil, Babupara			Dipta Chatterjee (Councillor) 9434213619
„	Ward No- XIII	Balika Sikshya Mandir	Mahakalnagar, Hospital Centre no-2	Mahakalnagar Hospital Centre no-2			Maya Majumdar (Councillor) 9635417732
„	Ward No- XIV	Hindi High School	Santinagar, Bhangapool	Santinagar, Bhangapool			Santanu Bhowmik (Councillor) 9434169851
„	Ward No- XV	Hindi High School	Deep Char	Deep Char			Sabir Saha (Councillor) 9734115232
„	Ward No- XVI	Gobinda High School	Netaji Road	Netaji Road			Dibakar Pal (Councillor) 9832109282
„	Ward No- XVII	Arabind nagar Smriti Pry. School	Vharat Nagar	Vharat Nagar			Mampi Adhikary (Councillor) 9563317408
„	Ward No-	Alipurduar no-	Hatath Colony	Hatath Colony			Amulya Mandal (Councillor)

	XVIII	1 Pry. School					9832463731
„	Ward No-XIX	Alipurduar College	Rabindra Nagar	Rabindra Nagar			Sanjib Barman (Councillor) 9832475808
„	Ward No-XX	Sovaganj B.F.P. School	Purba Santinagar, Sarada Pally	Purba Santinagar, Sarada Pally			Rinki Barman (Councillor) 9749215833

List of NGOs (Deals with Disaster Management)

Sl. No.	Name of the NGO	Address	Contact No.
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Not Available

List of certified Civil Defense Volunteers/Trainees

Sl. No.	Name of the Volunteers/Trainees	Father's Name	Address	Contact No.
1.	Subhamoy Brahma		Ward No-I	9832463591
2.	Joydeep Hom		Ward No-I	9679006002
3.	Sukhamoy Sarkar		Ward No-I	9735040107
4.	Sourav Biswas		Ward No-I	9749895500
5.	Raju Acharjee		Ward No-III	9641641927
6.	Rana Saha		Ward No-III	9641833864
7.	Chandan Sutradhar		Ward No-IV	9806346534
8.	Mahadeb Sutradhar		Ward No-IV	9641353345
9.	Anupam Roy		Ward No-IV	8926034886

10.	Arim Kundu		Ward No-IV	9563175962
11.	Ramen Sutradhar		Ward No-IV	9593308627
12.	Dilip Sarkar		Ward No-VI	9851143927
13.	Arun Saha		Ward No-VI	9593529522
14.	Subham Chakraborty		Ward No-VIII	9832965886
15.	Suvradip Mandal		Ward No-VIII	8906768373
16.	Chiranjib Barman		Ward No-VIII	8509472058
17.	Chiranjit Roy		Ward No-VIII	9614956017
18.	Soumen Modak		Ward No-VIII	9832554201
19.	Pritom Mukharjee		Ward No-VIII	8101820375
20.	Shyamal Roy		Ward No-VIII	8759461874
21.	Goutam Mandal		Ward No-IX	9749896270
22.	Kankan Chandra Bala		Ward No-IX	8759427203
23.	Bikash Thakur		Ward No-X	
24.	Subhajit Saha		Ward No-XI	9749612893
25.	Bajrang Sahani		Ward No-XI	9679485179
26.	Rana Sarkar		Ward No-XI	
27.	Nabin Das		Ward No-XI	8509499169
28.	Biswadeep Saha		Ward No-XI	9635386601
29.	Ajay Paul		Ward No-XIII	9832866105
30.	Debashis Bhattacharjee		Ward No-XIV	9749051533
31.	Sajal Das	Santosh Das	Ward No-III	8509901603

32.	Sumal Sarkar	Samiran sarkar	Ward No-III	7679816655
33.	Sourav Mandal	Mahadeb Mandal	Ward No-VII, Ramrupsingh Road	
34.	Subho Sarkar	Late Balaram Sarkar	Ward No-VII, Ramrupsingh Road	
35.	Lipton Das	Hiten Das	Ward No-XVI, South Netaji Road	8001505910, 7718675654
36.	Saumyadeep Dutta	Sudarshan Kishore Dutta	Ward No-XVI, Netaji Road, Loharpul	9832312051, 9563089110
37.	Surajit Halder	Susanta Halder	Ward No-IV, Netaji Road, Kundupara	9832418278
38.	Sumon Biswas	Ranjan Biswas	Ward No-IV, Madhyapara	9832327890
39.	Prasenjit Bhakta	Madhab Bhakta	Ward No-XI, Palashbari Char	9733455448
40.	Suvojit Saha	Late Dharendra Nath Saha	Ward No-XI, Hatkhola	7029628586


 25.06.18
Chairman
Alipurduar municipality

Chapter 7

FINANCIAL STRUCTURE AND VARIOUS RELIEF AID

Both state and central govt. provides various grants in terms of money or relief materials to the distressed and indigent people. There are various types of existing gratuitous fund as a relief measure. These are:

- a) Exgratia Grant
- b) House Building Grant
- c) Economic Rehabilitation Grant
- d) Gratuitous Relief Fund (cash and kind)

All these grants are being provided to the destitute or next to keen after a detail scrutiny of the required documents. The details of these funds are written below in tabular form:

Name	Eligibility	Amount	
Ex-gratia	Ex-Gratia Grant is paid to the next of kin of the person who suffered loss of life due to natural calamity such as flood, cyclone, earthquake, tsunami, hailstorm, drought, pest attack, avalanche, cloud-burst, and landslide as well as for accidental fire, heat wave, electrocution and snake bite.	<ul style="list-style-type: none"> In case of death due to Natural Calamity (Drowning, Accidental Fire, Thunder struck)-Rs.2,00,000.00 In case of snake bite-Rs.1,00,000.00 	
House Building	House Building Grant is paid to the indigent families who are living Below Poverty Line and whose total family income does not exceed Rs. 2,500/- per month, to rebuild or repair their damaged / destroyed dwelling houses as a result of natural calamities and accidental fire. No house-building grant is given to unauthorized occupiers of	Natural Calamity	Rs. 17,600 for fully damaged.
			Rs. 3800 for severely damaged.
			Rs. 2300 for partially damaged.

	Government or private lands. The land on which the house existed before damage should be under authorized possession of the beneficiary.	Accidental Fire	Rs. 15,000/-
Economic Rehabilitation	This is a scheme for rehabilitation of individual destitute families or Ex-T.B. Patients by employment of their idle members for supplementing their income as a substitute for Normal Relief Assistance has been introduced. The scheme is designed to ensure economic rehabilitation of poor families by providing them either sewing machine or fund for starting small trades.	Rs.10,000.00 for small trade. Rs. 5,000 for starting embroidery business.	

Normal relief assistance (Normal GR)	The following classes of persons shall be entitled to normal relief assistance in their villages or wards in municipal areas, provided that they have no able-bodied relatives - (a) Mentally Challenged (b) Physically Handicapped (c) Visually Handicapped (d) All persons who, from age or physical infirmity, are incapable of earning their living All persons whose attendance on the sick or on infant children in their own houses is absolutely necessary (f) Women of respectable birth who are debarred by custom from appearing in public and are in danger of starvation. (g) Such other persons who cannot work and cannot be provided with work.	Wheat @12 kg. Per month per beneficiary.
Special relief assistance (Special GR)	Distressed people.	Rice @12 kg. / Rs.120.00 per beneficiary.

LIST OF DOCUMENTS REQUIRED FOR EX-GRATIA GRANT

- 1. Original petition.
- 2. Certificate of recommendation from concerned Gram Panchayet Pradhan.
- 3. Legal heir certificate from Pradhan.
- 4. No objection certificate from legal heirs other than the petitioner.
- 5. Death certificate(Attested).
- 6. Post mortem report or Medical certificate(in case of snake bite) -Attested.
- 7. Police report(Attested).
- 8. Attested copy of Ration card & EPIC of the deceased.
- 9. Attested copies of Ration card and EPIC of the applicant.
- 10. Certificate that no proposal under the personal Accident Insurance Social Security Scheme has been initiated in respect of this case and will not be initiated.
- 11. Enquiry Report from local officers (G.P. level/Block level)
- 12. Proforma Report duly recommended by Savapati & B.D.O.

- 13. Attested copy of Resolution of Sishu-O-Nari Unnayan, Janakalyan-O-Tran Sthayee Samity.

2) ENQUIRY REPORT

Name of the deceased person with father/husband's name	Address of the deceased person	Cause of death	Date of death	Age	Sex

Block Development Officer
..... Development Block

Signature Enquiring Officer
with date & seal

i) Recommendation of Sishu-O-Nari unnayan, Janakalyan-O-Tran Sthayee Samity attached to Panchayet Samity (in the case of rural area)

ii) Recommendation of the B.D.O. (in the case of rural area)

iii) Recommendation of the Municipality/Notified Area Authorities (in case of urban area)

iv) Recommendation of the S.D.O.

v)) Recommendation of the D.M./A.D.M.

vi) Recommendation of the D.D.M., W.B./D.D.D.M., Cal (in case of Calcutta)

vii) Certificate from D.M./D.D.M., W.B. that no proposal under the personal Accident Insurance Social Security Scheme has been initiated in respect of this case and will not be initiated.

LIST OF DOCUMENTS REQUIRED FOR ECONOMIC REHABILITATION GRANT

1. Application form (Recommended by Pradhan)
2. Scheme
3. Xerox copy of SC/ST Certificate (in case SC/ST candidates)
4. Xerox copy of Tailoring Certificate from recognized/registered institution regarding knowledge of tailoring (in case of Sewing Machine cases)
5. Xerox copy of Physically Handicapped (for DP cases)
6. Income Certificate from Pradhan (Not exceeding Rs.2500/- per month)
7. Xerox copy of T.B. Card (in case of Ex-T.B. Patients)
8. Xerox copy of Ration card & Voter Identity Card

REPORT OF ENQUIRY

On, I enquired into the petition of..... , Son of/
Daughter of/ Wife of, of Village-....., P.O.-
....., P.S.-....., Dist.-..... praying
for Economic Rehabilitation Grant to startScheme.

My observations are furnished below:-

Sl. No.	Particulars	Findings
1	No. of members of the family	
2	Monthly income of the family	
3	Whether the family is a G.R. recipient or eligible for G.R.	
4	Whether E.R.Grant has been received by any member of the family. If so, extent thereof and date of receipt of the grant.	
5	Whether the case has been recommended by the local MP/MLA. If not, by whom under which circumstances.	
6	Whether the applicant has experience of is able for implementation of the scheme	
7	Whether the scheme is economically viable	
8	Whether there is enough scope for the proposed trade in the area in which the applicant desires to start the business.	
9	Whether the applicant is capable of providing out of his source any part of the probable expenditure either in cash of kind.	
10	Probable additional monthly income to be generated to the family if the Government help as recommended by the enquiring officer, is made available (it should be supported by a scheme).	
11	Recommendation of Enquiring Officer	

C O U N T E R S I G N E D

Block Development Officer,
..... **Development Block**

Block Disaster Management Officer,
.....**Development Block**

LIST OF DOCUMENTS REQUIRED FOR HOUSE BUILDING GRANT

1. Enquiry report of Joint Inspection Team in Form-C duly signed by the four men committee and a Technical Person (SAE/NS).
2. Detailed particulars in Form-B duly signed by the Savapati & B.D.O. (in soft copy & hard copy).
3. Photo copy of the damaged house including the house owner (soft copy/hard copy).
- 4.

FORM-B

Detailed particulars in respect of families affected by Fire accident/Natural Calamity (with indication of the Specific Nature of Calamity) proposed to be given House Building Grant

Sl. No.	family	Father/Husband	Village	Gram Panchayat	Police Station	the family	Extent of arable land in possession	Date of occurrence	No. of houses destroyed or damaged	Detailed particulars of loss		Whether indigent	House building grant recommended				Remarks
										On accounts of damage to house	On other accounts		Fully (Kachha)	Severely	Partially (Kachha)	Huts	
1	2		3		4	5	6	7	8	9	10	11	12	13	14	15	

Recommended by

Certified that the above families' total family income of each does not exceed Rs. 2500/- per month, that the land where the house is/was located is possessed by the applicant.

SavapatiPanchayat Samity	Block Development Officer Dev. Block	Sub-Divisional Officer
--	--	--

District Magistrate / Addl. District Magistrate

Form C**INSPECTION REPORT**

Detailed particulars in respect of the families affected by Fire Accident/Flood/Cyclone/Landslide or other natural calamities, which are recognized under Calamity Relief Fund (with indication of the specific nature of calamity), proposed to be given House Building Grant

Sl. No.	Name of the head of the family and father/husband's name	Village	Police Station	Extent of damage					Whether belongs to Economically weaker section	Signature of the head of the family	Remarks
				Fully	Severely	Partially	Huts	Cattle shed			
1	2	3	4	5	6				9	10	12

Sanctioned Rs.-

Recommended by the Joint Inspecting Team

Designated
Officer

1

2

3

4

Signature of the Members of the Joint Inspecting
Team

Signature of Nirman Sahayak

As of now, we have cleared the following financial cases throughout the district in the financial years 2016-17 and 2017-18:

Type of Grant	Financial Year	No. of cases
ER Grant	2016-17	45
	2017-18	126
Exgratia Grant	2016-17	59
	2017-18	24
HB Grant	2016-17	60
	2017-18	10

HB Grant

2016-17				
Block	Natural Calamity			Fire
	Fully	Severely	Partly	
Alipurduar-I	---	---	---	---
Alipurduar-II	---	---	---	5
Kalchini	5	---	37	1
Kumargram	6	4	2	---
Madarihat	---	---	---	---
Falakata	---	---	---	---
Total	11	4	39	6

2017-18				
Block	Natural Calamity			Fire
	Fully	Severely	Partly	
Alipurduar-I	---	---	---	1
Alipurduar-II	---	---	---	3
Kalchini	---	---	---	1
Kumargram	---	---	---	2
Madarihat	---	---	---	---
Falakata	---	---	---	3
Total	---	---	---	10

Exgratia Grant

<i>2016-17</i>						
Block	Snakebite	Land collapsed	Thunder	Drowning	Accidental fire	Storm
Alipurduar-I	4	---	5	---	1	---
Alipurduar-II	10	1	3	4	---	---
Kumargram	2	---	1	1	---	---
Kalchini	1	1	1	5	---	---
Madarihat	7	---	1	1	---	1
Falakata	4	---	1	1	1	---
Apd Municipality	2	---	---	---	---	---
Total	30	2	12	12	2	1

<i>2017-18</i>						
Block	Snakebite	Land collapsed	Thunder struck	Drowning	Accidental fire	Storm
Alipurduar-I	1	---	---	---	---	---
Alipurduar-II	2	---	3	---	1	---
Kumargram	1	---	1	1	---	---
Kalchini	1	---	2	2	---	---
Madarihat	1	---	1	1	---	---
Falakata	5	---	---	---	---	---
Apd Municipality	1	---	---	---	---	---
Total	12	---	7	4	1	---

Economic Rehabilitation Grant

2016-17		
Block	EX. TB	Disability and destitute
Alipurduar-I	---	5
Alipurduar-II	---	9
Kumargram	---	12
Kalchini	---	9
Madarihat-Birpara	---	9
Falakata	---	1
total	---	45

2017-18		
Block	EX. TB	Disability and destitute
Alipurduar-I	---	---
Alipurduar-II	4	30
Kumargram	16	46
Kalchini	1	23
Madarihat-Birpara	----	---
Falakata	----	6
Total	21	105

Apart from these benefits, in this financial year (2017-18), we have also distributed various other types of grants received from SDMA to the sub-ordinate offices.

Cash GR fund

This is another form of providing Gratuitous Relief fund to the indigent people mentioned above. In this financial year we have received a sum of **Rs 2,00,000/- (Two lakh only)** as cash GR. We have redistributed this fund among all the blocks in the following way:

Name of the Block	Amount
Kumargram	30,000/-
Kalchini	40,000/-
Madarihat	40,000/-
Falakata	30,000/-
Alipurduar-II	30,000/-
Alipurduar-I	30,000/-

GR rice for TB patient

A serious problem that the local inhabitants of Alipurduar District have long been suffering is from Tuberculosis (TB) due to inhalation of Dolomite dust into their body as a consequence of dolomite mining in Bhutan border. We have identified those patients at Block level and made necessary arrangements to supply one (1) unit of GR rice per head on monthly basis. The figure(*) speaks for itself.

Name of the Block	No. of Patients
Kumargram	120
Kalchini	330
Madarihat	----
Falakata	175
Alipurduar-II	123
Alipurduar-I	75
Alipurduar Municipality	80

**(This list is not the final one and subject to change depends upon the cases, the old patients who has been cured may be dropped from the list and new patients may be replaced if any. So preparing the list is a continuous and dynamic approach).*

Apart from this, our department release fund very often for various construction purposes like flood shelter, relief godown etc. This financial year we received a sum of Rs. 30,28,301/- (thirty lakhs twenty eight thousand three hundred one) as second phase for the purpose of constructing flood shelter at Alipurduar-I Block. We also received a sum of Rs. 9,06,000/- (nine lakhs six thousand only) as second phase for the purpose of constructing relief godown at Alipurduar-I Block.

The progress of our flood shelters and relief godowns has been written in details:

Construction of Flood shelter

Sl. No.	Location	Implementing agency	Administrative Approval	Fund sanctioned and released to implementing agency	Physical Progress	Remarks
1	Alipurduar-I Block	BDO Alipurduar - I	45,28,301/-	45,28,301/-	40%	Work completed for the 1 st phase and started for the second phase
2.	Kumargram Block	BDO Kumargram	50,00,000/-	50,00,000/-	100%	Flood shelter COMPLETED

Constructions of relief go down

<i>Sl. No.</i>	<i>Scheme details</i>	<i>Location</i>	<i>Implementing agency</i>	<i>Fund sanctioned and released to implementing agency</i>	<i>Physical Progress</i>	<i>Remarks</i>
1	Relief Godown	Alipurduar-I Block	BDO Alipurduar - I	23,99,111/-	Tendering process has been initiated for second phase	1 st installment of proposed amount of Rs. 14,93,111/- has been received
2.	Relief Godown	Alipurduar-II Block	BDO Alipurduar-II	6,50,000/- (for 1 st phase)	45%	Request for sanctioning second installment of Rs. 8,06,300/- has been sent to the department

Relief contingency

Apart from the above mentioned grants, district disaster management section frequently receives another type of fund which is called relief contingency from state authority to meet the need of other expenses like labour charge for loading and unloading of relief materials, vehicle charges, wall writing, conducting various training program and mock drill etc. We very often sub allots part of this amount to our sub-ordinate block offices according to their individual demands and need. In the last financial year itself, we have received a sum of **Rs. 57,00,000/- (fifty seven lakh only)** for the purpose of relief contingency. Of this a sum of **Rs, 17,00,000/- (Seventeen lakh only)** was sub-allotted to the various blocks.

Chapter 8

CONTINGENCY PLAN OF VARIOUS LINE DEPARTMENT

Irrigation

Niroj Kumar Singh
Executive Engineer
Alipurduar Irrigation Division
Alipurduar
03564-255305 (O)
03564-255465(R)
9434347258(M)

Bijay Ray
Sub-Divisional Officer
Alipurduar Investigation Sub-
Division
Alipurduar
03564-255429(O)
9434174248(M)

Alok Pal
Sub-Divisional Officer
Alipurduar Irrigation Sub-Division
Alipurduar
03564-255122(O)
9434256049 (M)

Ashutosh Das
Sub-Divisional Officer
Kamakhya-guri Irrigation Sub-
Division
Kamakhya-guri
03564-260335(O)
9932591192 (M)

1. Introduction :

Alipurduar Irrigation Division under the administrative control of the Superintendent Engineer, North East Circle-I concerned with the flood control management in the area within the District of Alipurduar . There are large numbers of rivers originating from the Himalayas of Bhutan and passing through the jurisdiction of this Division and finally enters to the District of Cooch-Bihar. The major rivers are Sankosh, Raidak-I, Raidak-II, Kaljani, Torsha, Dima ,Pana ,Basra, Jaldhaka, Jayanti etc.

The Jurisdiction of this Division is at the foothills of Himalaya. All the rivers are under the Brahmaputra river system have origin in Bhutan , except for the Torsha which originates from Tibet. These rivers drain the steep slope of the Himalayas , where the copious downpour during monsoon causes occasional flooding of the rivers . During rains these rivers carry discharge much in excess of their channel capacity and bring down , colossal quantity of Debris and sediment from the erodible outer ranges of the Himalayas . On emerging from the hills the river travels through steep slopes. Further lower down , the slopes become comparatively flat and with decreasing velocity more and more silt and sediment are deposited. Frequent landslides also occur in the steep hills of the Himalaya during rains and they ultimately find their way into the river system, thereby raising their beds and choking their channel systems. This results in avulsion of river course , erosion of river bank and flooding of adjacent area.

The Jurisdiction of this Division covered the following Blocks & Municipality :-

- i) Kumargram, ii) Alipurduar-I, iii) Alipurduar-II, iv) Kalchini, v) Falakata, vi) Madarihat- Birpara & Alipurduar Municipal area.

2. FLOOD WARNING SYSTEM :

The central flood control room of the Flood Warning Authority of the Alipurduar & Executive Engineer, Alipurduar Irrigation Division , likely to be opened from 1st June, 2018 at Kaljani H.O.S. on the L/B of the river Kaljani near P.W.D. road bridge whose primary object is to issue flood warning signals on different river to all concerned.

A. Prevailing system and arrangements :-

The Hydrological observation stations (H.O.S.'s) situated besides different river under the territorial jurisdiction of Alipurduar Irrigation Division earlier were manned by the 2/3 Gauge Reader and 2/3 Khalasis (except Kaljani H.O.S. which is manned with 2 Gauge Reader and 5 Khalasis) under the control of one Silt Surveyor. The staffs deputed at the H.O.S.'s collect gauge

data of the relevant rivers daily and record in the relevant register. During the flood seasons, these Hydrological Observation Stations are provided with mobile phone as arrangement for speedy communication from flood season of 2014. One Fax machine is installed in the central Control Room only. During the last flood season, all the H.O.S.'s function round the clock and send wireless messages through mobile phone regarding water-levels of the river and local weather centrally to Kaljani H.O.S. at Alipurduar. Kaljani H.O.S. situated on the L/b of river Kaljani P.W.D. road bridge at Alipurduar, usually function as the central Control Room of the Flood Warning Authority of the Alipurduar & Executive Engineer, Alipurduar Irrigation division, whose primary object is to issue flood warning signals for the river Raidak-I, Raidak-II, Sankosh, Kaljani and Torsha during the flood season. The flood season officially starts from 1st June and ends usually on the 15th October of the year.

Presently there are shortage of staff in 5 nos of H.O.S. The requirement and present status of staff is as below :-

Name of Hos	G.R. required	G.R. available	G.K. required	G.K. available	Remarks
Kaljani	4	1	5	5	Infrastructure of this H.O.S. utilized for manning Control Room.
Raidak-I	3	1 (will be Retired on 31-st may)	3	4	
Raidak -II	3	Nil	3	3	
Sankosh	3	2 (One no G/R will be retired on 30-th April)	3	3	
Torsa (Hasimara)	3	Nil	3	3	

However every effort will be made for smooth and Effective management of Control Room by the existing Staff strength.

B.Location of Existing Hydrological Observation Station (H.O.S.) :

Under the control of the Flood Control Warning Authority, the Executive Engineer, Alipurduar Irrigation Division , there are 5 (five) nos. of Hydrological Observation Station (H.O.S.). Locations are given below.

Sl.No.	River on which H.O.S. is situated	Location of H.O.S.
1	Kaljani	On the L/B of the river near P.W.D. road bridge , Alipurduar.
2	Raidak-I	On the L/B of the river near L.R.P. crossing at Kathaltala Chipra.
3	Raidak-II	On the R/B of the river near L.R.P. crossing at Chackchaka.
4	Sankosh	On the R/B of the river near L.R.P. crossing at Sankosh.
5	Torsa	On the L/B of the river near Hasimara.

For protected and unprotected zones along the bank of the river , there is specific Yellow/Danger Level (D.L.) and Red/Extreme Danger Level(E.D.L.)

C. Guiding Warning Levels of River :

- | | |
|---|-------------------|
| a) 0.6 M or more below yellow or D.L..... | = Normal Flood |
| b) Within 0.6 M of yellow or D.L. | = Moderate Flood |
| c) Yellow or D.L. | = High Flood |
| d) Red or E.D.L..... | = Very High Flood |

D. During Normal Flood Period :

Gauge level are observed : At 3 hours interval.

E. During Moderate Flood Period :

Whenever the Gauge Level enters within 0.6 M : Reading are observed at hourly interval and
Of Yellow / Danger level continued till the gauge level subside below
normal flood level.

F. During the gauge level at yellow or D.L./Red or E.D.L. :

Whenever the gauge attains yellow or D.L./Red or E.D.L. :
Corresponding signal are imposed for that river and It is instantly communicated to the wireless Supervisor of Alipurduar Police station , Alipurduar with request to transmit the message to 20

(Twenty) different address. Telephonic messages are sent to local Administration and other Authorities like Railways, N.H. , P.W.D etc. after which the confirmation copies are sent by messenger or by post.

G. Daily Rainfall Data :

Day to day rainfall data are recorded through-out the year at following rainfall observation stations under Alipurduar Irrigation Division :-

- 1) Alipurduar.
- 2) Hasimara

H. Adoption of Mobile Phones instead of R.T. Stations (for speedy communication) :

Last 3(Three) years i.e during 2014-15 , 2015-16 &2016-2017 mobile phone in all H.O.S.'s was used for cost-effective communication of Flood data. The communication was made smoothly and quickly without any hindrance. Considering the experience of last 3(Three) years this year also mobile telephone system would be adopted for communication. In addition 1 (one) no of Landline Telephone would be installed at Control room.

3. Structures/Assets in this Division :

- i) Flood embankment 166 nos. , Length = 210.761 Kms.
- ii) Bank protective work 135 nos., Length = 82.462 Kms.
- iii) Irrigation Scheme 18 Nos. Command area =47487.00 Acres

Some of the most vulnerable rivers of the North Bengal are flowing through the territorial jurisdiction of Alipurduar . Every year huge amount of habitable and cultivable land get affected as well as several irrigation structure are badly damaged due to their meandering & flushy nature. Massive theft of weir netting has also been endangered the safety of the existing structure.

This year some of the reaches which are badly damaged during the flood season 2016 has already been repaired and rest have been identified and it is expected that the restoration work against those vulnerable zones will be taken up as far as possible (**List enclosed**).

However ,the close vigilance over the structures and embankment under the jurisdiction of this Division will be continued by the departmental staff during flood period so that the flood situation can be managed effectively.

Agriculture

Alipurduar District enjoys a humid tropical climate with an average air temp. 24.1 degree centigrade and average annual rainfall of 3160 mm to 3500 mm. Major portion of rainfall is drained through surface of land and run into river. Soil of this district is sandy loamy and light textural class which is prone to soil erosion and less water holding capacity. Soil is deficient in organic matter and devoid of loamy clay. Soil is most permeable to water and nutrient leaches down quickly. The characteristics of soil coupled with heavy rainfall increases the vulnerability of the agricultural land and other land into erosion. There are problems of sand deposition along with debris & stone due to occasional change of river courses and occurrence of flood in each year. The common forms of erosion are flash, sheet, rill, gully and ravine and stream bank erosion. Sometimes the district faces drought like situations due to uneven distribution of rainfall. The district possesses diversified ecosystem having different vegetation, soil types, climatology & geomorphology. The major crops are Aus, Aman and Boro paddy, Potato, Jute, Wheat, Mustard, Vegetables , pulses , Maize etc.

LAND UTILIZATION STATISTICS

(Area in Hectare)

1	Geographical Area	:	2,82,232
2	Forest	:	1,14,717
3	Area under Non Agricultural Area	:	25,466
4	Barren and Uncultivable Land	:	10,516
5	Permanent Pasture	:	50
6	Area under Fruit Crops, Misc Tree crops and others	:	9,400
7	Cultivable Waste Land	:	1200
8	Fallow other than Current Fallow	:	250
9	Current Fallow	:	255
10	Net Area Cultivated	:	1,03,809
11	Area Cultivated More than once	:	98,466
12	Gross cropped Area	:	2,02,275
13	Cropping intensity	:	194%
14	Irrigated Area in Kharif season	:	16,852
15	Irrigated Area in Rabi & Summer season	:	64,750
16	Area Cultivated under Rainfed condition	:	77,875
17.	High Land	:	13,700 ha
18.	Med Land	:	72,228 ha
19.	Low Land	:	9,165 ha
20.	Flood prone area	:	3,000 ha
21.	Drought prone area	:	7,000 ha

DEMOGRAPHIC PROFILE OF THE DISTRICT IN RESPECT OF POPULATION

Population	14,26,018
Male Population	6,46,854
Female Population	6,12,093
Child Population (up to 14 years)	1,67,071
Scheduled Caste	4,44,938 (31.20%)
Schedule Tribe	3,81,616 (26.76%)
Main Workers	32.51%
Marginal Workers	14.85%
Non Workers	42.15%
Cultivators	11.61%
Agricultural Labourers	9.81%
House hold Industries	1.31%
Others Workers	10.15
Literacy Rate (Excluding 0-6 Age group)	M-51.35%, F-48.64%
% of Rural Population	91.34%
Sex Ratio (Female : Male)	946 : 1000
Density of population (Per Square Km)	421

Contingent Plan:

Agriculture largely depends on nature and hence contingent crop planning is an integral part of agricultural production planning. The objective of contingent crop planning is to provide ways and means to tackle and overcome the situation due to flood or drought or any other natural calamity.

To combat the situation whatever it may arise due to flood or drought the following action plan is to be adopted.

To overcome the adverse effect of flood

1. Staggered sowing of paddy seed in seed bed at 10 days interval for at least 2900 ha.
2. A place of higher elevation to be chosen for raised seed bed.
3. Cultivation of flood tolerant Swaran Sub-I Variety to be followed.
4. To reduce the detrimental effect of sand deposition in cultivated land, sufficient organic matter is to be applied.
5. If sand deposition is high, it is to be removed manually or mechanically.

6. Use of drum seeder in case of late sowing.
7. Double transplanting of Paddy will be very much helpful specially after receding flood water during early and mid season flood.
8. In case of late transplanting five to six numbers of seedling per hill to be transplanted and basal dose of Nitrogen to be increased.
9. Where there is no time for rice cultivation-
 - a) Kalai (Variety-Sarada, Goutam, Sulata etc.) may be grown in the post-Kharif season
 - a) Toria, yellow sarson, lentil, gram, etc. may be grown early in the Rabi season.

Measure to be taken by the Agriculture Department.

- a) Requirement of seed and fertilizer kit to meet up the contingent need during Kharif 2017-18

Sl No	Seed/input	No.of Kits	Quantity(M.T)	MONEY VALUE(Rs. In lakh)
1.	Paddy (Swarna Sub-I) @ 10 Kg	100000	1000	360.00
2.	Fertilizer (N.P.K) @ 10 Kg	100000	1000	300.00
3.	Kalai@4 kg	15000	60	109.20
4.	Maize@4 kg	15000	60	120
	Total			889.20

- b) Staggered Seed Bed at Govt. Farm- 5 ha
 c) Storing of straw at Govt. Farm for feeding the cattle - 20 t

To overcome the adverse effect of Drought

- A. Actions to be taken by the Agriculture Department-
- a) Joint monitoring by District level officers of the department of Agriculture, Irrigation & Waterways and WRI & D to be done to look into the real situation and to find out the ways for supplying Irrigation water from all Irrigation sources and ensuring it at grass root level in the blocks.
 - b) Water harvesting structures like pond, dug well etc. to be excavated for storing rain water by the departments.
 - c) Providing pump set to the farmers from ongoing Departmental Scheme.

d) Requirement of Seed and Fertilizer Kit to meet up the Contingent need during 2016-17

Sl. No	Seed/input	No. of Kits	Quantity	Money Value (Rs. In lakh)
1.	Paddy (Annada, Khitish, MTU 1010)	100000@ 10 kg each	1000	360.00
2.	Fertilizer (N.P.K)	100000 @ 10 KG each	1000	300.00
3.	Mustard	30000 @ 4 kg each	30	31.80
4.	Lentil	10000 @ 4 kg each	40	62.80
	Total			754.60

B. Actions to be taken by the farmers:

- For harvesting rain or runoff water, earthen bunds are to be constructed around the individual plot.
- Application of organic manure to increase the water holding capacity of the soil.
- Staggered sowing of rice seed in seed bed at 10 days interval.
- Cultivation of SahabhagiDhan to be followed.
- Closer spacing with higher number of seedlings per hill is to be practiced.
- Direct seeding of rice through zero/minimal tillage machine.
- Cultivation of Arhar, blackgram, groundnut & miize or mixed cropping of maize & araharin high lands.
- Mechanical weeding in rice field & use uprooted biomass of weeds as soil mulch or use other mulching materials like straw in rice field.

Not to apply Nitrogenous fertilizer in the soil to restrict weed growth. Foliar spray of Urea or DAP @ 1-2% MAY be applied at critical growth stages of the crop.

MOBILE NUMBER OF THE OFFICERS

- Harish Ch. Roy- Deputy Director of Agriculture (Admn)-9434413450
- Sandip Mitra- Assistant Director of Agriculture (Admn)-8348094673
- Partha Dutta- Assistant Director of Agriculture (SM)- 8001680972
- Sudeshna Das- Assistant Director of Agriculture Falakata-9733471646
- Ajit Roy- Assistant Director of Agriculture Alipurduar-I- 9832305070
- Dipen Tamang- Assistant Director of Agriculture Alipurduar-II-7797876843
- Gargi Paul-Assistant Director of Agriculture- Kumargram-8016487183
- Dipen Dahal-Assistant Director of Agriculture-Madarihat-9614174145
- Biswanath Sarkar –Assistant Director of Agriculture Kalchini-8972626252

Police

Alipurduar is a riverine district having important rivers like Kaljani, Gadadhar, Raidak-I & II, Sankosh, Torsha etc flowing through it. All these rivers flow from hilly and forested areas, which become turbulent and flooded by the heavy rainfall in the catchment areas in the monsoon. The floodwaters inundate both sites of the riverbanks and the low-lying areas thus affecting the people residing there.

The following areas have been identified as vulnerable and flood prone during the monsoon season.

- (a) Bank of river Mujnai up to its confluence point with river Mansai,
- (b) Guabarnagar and some areas under Falakata PS.
- (c) Some areas of Totopara, Ballalguri, Khayerbari to Madarihat on the bank of rivers Titi, Mujnai, Bangri and Kalikhola.
- (d) Subhash Pally, Mechia Busty, Nich-guabari, Jaigaon and Indo-Bhutan Border areas on the bank of river Torsha and Hasimara Jhora.
- (e) Chengmari, Kulkuli Forest village areas under Kumargram G.P and some areas of Volka Barovisa G.P on the bank of river Sankosh.
- (f) Amarpur, Joydebpur, Bolguri, Bittibari, Balapara, Katabari, Haldibari, Kohinoor T.G and Turturi on the bank of rivers Rydak I & II.

Police Station wise list of important Rivers:

Alipurduar & Jaigaon Sub-Division under Alipurduar District.

SL. No	Falaka ta	Birpara	Madarihat	Jaigaon	Kalchini	Alipurduar	Samuktala	Kumargram
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1	Dudua	Titi	Mujnai	Torsha	Kalchi ni river	Kaljani	Gadadhar	Sankosh
2	Kali	Birbiti	Titi	Hasima ra Jhora	Dima	Sil Torsha	Dhakshi	Gholani
3	Birbiti	Gargan da	Bangri	Gaburj yoti	Basra	Cheko	Raidak-I	Raidak-II
4	Baraba k	Dimdi ma	Purkhola	Basra	Kaljani	Dima	Dhowla	Chengmari
5	Mujani		Ekti				Jayanti	Bamnijhora
6	Titi		Holong					
7	Dolong							
8	Mora Torsha							

1. Flood Prone Areas:

The flood prone areas of the district with names and location of probable shelters for the flood affected people are mentioned below:

Jaigaon Sub-Division

Birpara PS areas:

Name of the area	Probable Shelter
Birpara-I G.P: Barahauda, Debishimul	Birpara College, Mahabir Hindi High School
Birpara-II G.P: Sishujhumra, Sarugoan	Dalmore Garobasty Pry. School.
Sishujhumra G.P: Sishujhumra, Sarugoan	Sishujhumra Nepali SPL. Cadre Pry. School, Sarugoan Pry. School
Bandapani G.P: Nepania, Garochira, Nepania	Nepania Pry. School, Garo Chera Pry. School
Lankapara G.P: Lanka Khas, Lankapara Bazar, Tulsi Khas.	Lankapara Pry. School, Lankapara Jr. High School

Madarihat PS area:

Totopara-Ballalguri G.P: Totopara, Ballalguri	Dhanapati Toto Memorial High School, Ballalguri Pry. School
Madarihat G.P: Uttar Khairbari, Madhya Khairbari, Purba Khairbari, Uttar Chhekamari, Uttar Madarihat	Shanti ITDP Pry. School, Uttar Khairbari, Radhakrishna Pry. School & Block Flood Shelter, Madhya Khairbari, Chhekamari No.1 Spl. Pry. School, Madarihat High School & Pry. School.
Khairbari G.P: Paschim Khairbari, Madhya Chhekamari, Islamabad, Purba Madarihat,	Mohan Shing High School, Rangali Bazna, Khairbari No.2 Spl. Pry. School, Khairbari Jr.

Paschim Madarihat, Dakshin Madarihat, Dakshin Khairbari	High Madrasa, Dakshin Khairbari Basic Pry. School, Dakshin Madarihat Pry. School, Dakshin Khairbari Board Pry. School, Dakshin Khairbari Tribal Pry. School
Rangalibazna G.P: Uttar Rangalibazna, Madhya Rangalibazna, Dakshin Rangalibazna, Chapaguri, Dakshin Sishubari & Uttar Sishubari Dhumchi, Haripur	Dangapara Pry. School, Madhya Rangalibazna BFP School, Dakshin Rangalibazna BFP School, Pradhanpara Pry. School, Sishubari High School & Roypara BFP School, Dhumchi-Haripur ITDP Pry. School.

Falakata PS:

Dhanirampur I G.P: Narshingapur, Jogijhora, Deomali	Deomali Pry. School, Jogijhora Spl. Cadre Pry. School
Dhanirampur II G.P: Chengmaritari	Koli nRiver Bandh, Side of Puoca, Malsagaon Pry. School
Jateswar I G.P: Dhilagaon	Jaterswar H.S School, Dhulagaon Community Centre, Dalgaon Community Centre, Dakshin Sishubari Pry. School
Jateswar II G.P: Kathal Bari, Naba Nagar	Jateswar H.S School, Khirerkota H.S School, Bari Basic School, Mahamayya Pry. School, Govt. Flood Centre, Dalimpur
Guabarnagar G.P: Gokul Nagar, Promad Nagar, Malsagaon, Guabar Nagar, Bara Doba	Bhutnirghat Flood Shelter, Pramod Nagar BFP School, Guabar Nagar BFP School, Jateswar H.S School.
Parangarpar G.P: Parangarpar	Baganbari Jr. Basic School, Purba Baganbari BFP School, Sishu Sadan Pry. School
Falakata I G.P: Din Bazar, Paschim Falakata, Janata Colony	Subhash Girls H.S School, Din Bazar Shed, Sisu Sadhan Pry. School
Falakata II G.P: Chua Khola	G.P Office, Rai Chenga Didya Nikatan
Moradanga G.P: Jogendra Nagar, Kunja Nagar, Sat Pukuria	G.P Office, Goppu Mamorial H.S School, Old Pry. School
Deogaon G.P: Naba Nagar, Jhar Beltali, Purba Deogaon, Uttar Deogaon, Paschim Deogaon, Harinath Pur	Deogaon Flood Centre, Deogaon Pry. School

Jaigaon PS

Subhash Pally, Machia Busty, Nichguha Bari	Guhabari Pry. School
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Alipurduar Sub-Division

Alipurduar PS area:

Salkumar I G.P	Natun Para BFP School
Salkumar II G.P	Salkumarhat High School (Attach Pry. School)
Purba Kathalbari	Permanent Flood Shelter at Purba Kathalbari
Patlakhowa	Rabindra Pry. School
Chakowakheta	Sonapur B.K High School & Sarada Mohan Jr. Basic School.
Mathura	Chilapatta Jr. Basic School
Tapshikhata	Purba Shilbari, Dakshin Patkapara, Uttar Patkapara, Tapshikhata.
Pararpar	Vivekananda College & Pararpar BFP School (Permanent Flood Shelter)
Banchukamari	Ghagra High School & Hindi Pry. School
Vivekananda-I G.P.	Shib Bari Hindi Pry. School.
Vivekananda-II G.P.	Permanent Flood Shelter at Ramkrishna Ashram & at P/Jitpur CLRC.
Chaparerpar-I G.P	Padmeswari High School.
Chaparerpar-II G.P	P/Barochowki Pry. School, Bapuji Sishusiksha Mandir, Salsalabari High School.

Kalchini PS area

Satali G.P area	Satali Flood Shelter Bulding
Mendabari G.P area	Mendabari Flood Shelter Bulding
Chuapara G.P area	Union Academy High School, Kalchini, Godam Dabri Pry. School, Kalchini

Samuktala PS area

Kaijaley Busty	Kaijaley Busty Pry. School
Turturi Division	Rahimabad Workers High School
Phaskhawa T.G area	Rahimabad Bangla Pry. School & Mazdoor Union Club.
Rahimabad Nadi Line	Rahimabad Workers High School
Samuktala Busty	Santalpur High School & Sakti Nagar Pry. School
Paschim Bania Dabri and Nurpur	Dangi Hindi High School
Shibkata & D/Shibkata	Shibkata High School & Shibkata Lal School
Dakshin Majherdabri	Dakshin Majherdabri Flood Centre

Tilerdanga Bazar (Bhatibari Anchal)	Chikliguri High School
Paschim Chikliguri Nama Colony	Chikliguri Board School & High School

Kumargram PS area

Kulkuli Forest Village	Kumargram T.G Pry. School
Joydebpur, Amarpur, Madhya Haldibari, Bittibari, Joydebpur Tappu, Bolguri, Kattabari	Uttar Haldibari Pry. School, Kumargram Balika Vidyalaya, Joydebpur BFP School, BDO Office.
Raidak & Sankos	Changmari Jr. High School, Baro Daldali H.D, Bengdobu Pry. School
Raidak, Sankosh and Chikla Jhorra	Volka Barobhisha-I G.P office, Barobhisha High School, Barobhisha Girls School
Sankosh and Chikla Jhorra	Pakhriguri Govt. Flood Shelter, Paschim Salbari SC Pry. School, Majerdabri High School
Raidak G.P area	P. Chengmari GMP School, Marakhata H.S School, Jalaneswari H.S School, Nirabala Smriti Gira H.S School, Choto Daldali BFP School, Kamakhyaguri H.S Mission School, Kamakhyaguri Mission H.S School, Kamakhyaguri H.S School,

2. List of Permanent Flood Shelters in the District.

Sl. No.	Location	Name of the Block
1	Purba Kathalbari	Alipurduar Block-I
2	Pakriguri	Kumargram
3	Barobisha	Kumargram

3. Duties of Police:

The duty of the Police will mainly be as follows:

- (1) Evacuation and rescue of marooned people with the help of ARMY, if requested.
- (2) Guarding of Relief Camp areas where the marooned people will be sheltered.
- (3) ICs & OCS of PSs in consultation with respective BDOs/SDOs may make arrangement for people drainage of floodwater from roadways and Railway Tracks.
- (4) Maintenance of Law & Order where the relief material is distributed.
- (5) Guarding of relief materials.
- (6) Guarding of the property of persons who have been evacuated due to floods.

- (7) Traffic clearance / regulation.
- (8) Coordination with various departments.

4. Places of Shelter:

The ICs and OCs of Police Station in consultation with respective BDOs may find out in advance other probable places of Shelter for flood affected people and send a list to this office for record.

5. Police arrangement:

One of the major problems that may be experienced in the event of a flood is the total dislocation of traffic on the National Highway. Stretches on the NH may be totally cut off from both ends, due to damage of the bridges and culverts. Some may be washed away. There are some temporary road-diversions, which may also be vulnerable to heavy rainfall. Due to dislocation of traffic, the stranded trucks on these stretches of NH cut off both ends, become the targets of loot by miscreants. Concerned PSs should make mobile arrangement to protect these trucks until the water recedes. Similarly, in Alipurduar junction areas the miscreants may target the food grains loaded in Railway wagons. This aspect should be kept in mind by all unit in-charge of Alipurduar District in the event of a flood.

The following Police arrangement has been suggested:

Kumargram PS:

The existing strength of Kumargram PS, Barobisha OP and Kamakhyaguri OP should be briefed up for utilizing them in the event of flood.

Samuktala PS:

Samuktala Road OP Police personal should be briefed up for utilizing them in the event of flood as this is the point where a large number of trucks/lorries would have to be stopped in case of breaches on the National Highway at Kaljani. Police vigilance and patrolling should be increased in this area to protect the stranded Trucks/Lorries from looting.

Bhatibari Police camp should be briefed to maintain vehicular traffic coming from Tufanganj, Kamakhyaguri, Alipurduar and Samuktala and thwart any kind of mischief.

In addition, a traffic diversion camp has to be set up at Totpara GP office, where number of trucks/Lorries would have to be under the Police guard.

Alipurduar PS:

The Salsalabari Police Camp should be briefed to maintain traffic on National Highway on Kaljani diversion end.

In addition, round the clock mobile patrolling should be introduced in Alipurduar Town area.

Sonapur Police camp should have to be strengthened, as this is the main point for diverting the traffic from NH 31 towards Cooch Behar and Assam. One RT fitted vehicle should have to be provided to this camp.

This apart, GRP and RPF personnel should have to be strengthened in the Rly. Jurisdictions to tackle law and order problem, which may crop up in the event of flood.

Kalchini PS:

Mobile patrol should be intensified between Nimti More and Poro on NH-31C to maintain traffic on the Highway and also to prevent looting of loaded trucks. These stretches are highly crime prone areas.

River embankment near Hamiltonganj is vulnerable to heavy rainfall and in case of breach of the embankment the flooded water may sweep the habitation in the surrounding areas resulting in outbreak of serious law and order problems.

To face such untoward incident Kalchini PS should have to be provided with at least one section force with one big vehicle.

Jaigaon PS:-

The areas near the Bhutan foot-hill are vulnerable to flash flood. In previous monsoon the area experienced breach of road and water logging, which had generated law and order problem.

Mobile patrolling has to be intensified at Chilapata forest road under PS Jaigaon, if there is any necessity to divert the vehicles along the road, as the area is crime-prone.

To face such untoward incident Jaigaon PS should have to be provided with at least one section force with a small vehicle.

Madarihat PS:-

The highway under Madarihat PS is vulnerable to flood water and same portion of the Highway may be breached in case of heavy rainfall in the catchments area.

One section of force should to be provided at Madarihat PS with one extra vehicle for guarding the stranded trucks and for regulation of traffic flow.

Birpara PS:-

The highway running through Birpara PS jurisdiction may also be affected by heavy rainfall. One section of force should have to be kept at the PS for any exigency.

Falakata PS:-

The Highways National & State-under Falakata PS are very important for entry in Coochbehar and Assam. Thousands of vehicles will be stranded in case of any breach, erosion and water logging. To cope up with such situation the PS has to be provided with one section of force.

6. POLICE CONTROL ROOM:-

A Special Control Room will start functioning at Police Telecom Buildings, Alipurduar with Telephone No. 03564-255005 with the existing officers and staff of the District Control Room with immediate effect & SI Md. Abdul Ohab Mollah (M-9083272826), O/C DCR, Alipurduar will remain in charge of the Special Control Room.

The officers of the special Control room will regularly collect water level report from CWC Alipurduar Division Flood Control Room [Telephone No- NIL], the Executive Engineer CWC and Irrigation & water ways Department Control Room of Alipurduar [Tel. No. NIL] is and Telephone No. of I & W, Siliguri Control Room No. 0353-2530446 and communicate the same to all concerned.

O/Cs District Control Room and district flood Control Room, Alipurduar should keep watch on the flood situation of the district and pass on all important information to me /Cs and O/Cs of the concerned Police Station and Supervisory / Superior Officers. They will keep in touch with the Metrological Deptt. Alipurduar Tel No. (03564) 274198, 274242 for weather forecast and rainfall report.

A GD book should be maintained at the Control Room and all messages in connection with flood situation, water level warning signal of different rivers should find entry therein and action taken be noted thereon. Flood warning should be communicated to the concerned I/Cs and O/Cs of the Police Station. O/C DER, Alipurduar will send situation report in the form of signal to SP and SP DIB for inclusion in daily sitrep by 06.00 hours.

District Control Room Net Work

The District Control Room will start functioning with immediate effect for 24 hrs. round the clock till the end of monsoon. Daily Rainfall data weather Forecast and flood warning are to be collected through IMD, CWC and Waterways Department and the same will be communicated to all the BDOs and Chairman of Municipality for disseminating the warnings to vulnerable persons and Panchayet machinery as well as all respective officers in the District.

Phone Number of the District Control Room-03564-255005.

SL. No.	Name of the Block	STD Code No.	Telephone Number
1	Alipurduar-I	03564	255226
2	Alipurduar-II	03564	255225
3	Kumargram	03564	252239
4	Falakata	03563	260238
5	Kalchini	03566	240205
6	Madarihat	03563	262224

Contact number of supervising officer (Police administration)

Sl. No	Name/Rank of Office	Telephone No. (Office)	Mobile No.
1	Sri. Avvaru Ravindranath, IPS	03564-256244(O) 03564-255052(R)	8170060001 9083272800
2	Shri Kalayan Sinha Roy, WBPS, Addl. SP, Alipurduar	03564-256244(O)	9083272801
3	Shri Ganesh Biswas, WBPS, Additional SP, Jaigaon	03566-263180	9734739928/ 7044223333/ 9083273119
3	Shri Dendup Sherpa, WBPS, SDPO, Alipurduar	03564-255051 (O) 03564-256239 (R)	9083272802
4	Shri Aniruddha Thakur, WBPS, SDPO, Jaigaon	--	8145545554/ 9083272803
5	Shri Manoj Das, WBPS, Dy. SP , HQ, Alipurduar		9083272804/ 9830961313
6	Shri T.T Bhutia, WBPS, Dy.S.P, Border, Alipurduar		9002466371
7	Shri Sonam Tshering Bhutia, WBPS, Dy.S.P DIB, Alipurduar	03564-255984	7797829880/ 9083272805
8	Md. Badruzzaman, WBPS, Dy.S.P Traffic, Alipurduar		94331506709
9	Shri PT Bhutia, Court Inspector, Alipurduar & Addl. Charge of CI Birpara		9434430452
10	Sri. Asish Thapa, CI Kalchini	03564255985	9733195172/ 9083272806/ 8945532756
11	Sri Rabindraraj Pradhan, DIO-I, Alipurduar	03564-255984	9434604525 & 9547856271

12	Shri Biplab Laskar, Inspector, DIB, Alipurduar	03564-255984	9593632668
13	Sri. Sushil Gurung, RI Alipurduar		9434220253 /9083272823

List of Phone Number of the PSs, with the phone number of I/C, O/C and Second officers in Alipurduar District 2018.

Sl. No.	Name of PS.	PS. Phone No.	I/Cs & O/Cs Name & Contact No.	2nd Officer Name & Contact No.
1	Alipurduar PS.	03564-255100	Shri Joydeb Ghosh, Inspector-In-Charge, Alipurduar PS (9775779292/9083272808)	SI P.W Bhutia (M-9733142392)
2	Kumargram PS.	03564-252224	Sri. Narendra Kalikotey, I/C Kumargram PS (M-9733008408 & 8768620476 & 9083272810	SI Prem Kr. Thami, (M-9832041828)
3	Samuktala PS.	03564-240300	SI. L.P Bhutia, O/C Samuktala PS (M-9932689473 & 9083272811)	SI B.M Lepcha (M-9734872254)
4	Falakata PS.	03563-260242	Sri. Binod Gajmer, I/C Falakata PS (M-9083272809 & 9475200636)	SI Nabin Thami, (M-9733236200)
5	Madarihat PS	03563-262223	SI. Sunil Kumar Roy, O/C Madarihat PS (M-9002772777 & 9083272813)	SI Alamin Ahamed (M-7797801365)
6	Kalchini PS	03566-240100	SI. Lakpa Lama ,O/C Kalchini PS (M-9733306366 & 7063306314)	SI Humayan Kabir (M-9933408976)
7	Jaigaon PS	03566-263200	SI Dipankar Saha,, O/C Jaigaon PS(9434937616/9083272815)	SI Palzer T. Bhutia (M-8116489584)
8	Birpara PS	03563-266053	SI Abhishek Bhattacharya, O/C Birpara PS (M-7063579007 & 9083272814)	SI Tapas Hore, (M-9775492277)
9	OP Barovisha	03564-263344	O/C S.I. T. N. Lama M. No-9051220303 & 9083272817	-----
10	OP Kamakhyaguri	03564-260730	SI Abul Kalam Ajad Sarkar, O/C Kamakhyaguri OP under Kumargram PS (8768690545/ & 9083272816)	-----
11	OP Hasimara	03566-255028	O/C S.I. K. Narayan M. No-9874651548 & 9083272812	S.I. Sidan Ch. Roy M. No-9832401231
13	Sonapur Camp	-----	SI S N Basunia, o/c Sonapur Camp under Alipurduar PS	-----

Other Department who are also running control Rooms are given bellow:-

Sl. No.	Name of Department	Contact Person	Contact No
1	Indian Metrological Department, Jalpaiguri	Meteorologist in-Charge	03561-230637
2	Central Water Commission	Executive Engineer, Lower Brahmaputra Division	230677-220770 (O), 230768 (R)
3	Irrigation & Waterway Department, Alipurduar	Executive Engineer	03564-255305 (O), 255465 (R)
4	Department of Health	Office Chamber of Superintendent of the Alipurduar District Hospital	03564-255102

7. ARRANGEMENT FOR COUNTRY BOATS:-

Necessary help may be provided to SDOs/BDOs in arranging country boats for rescue/relief operation. The ICs and OCs will keep contact with SDOs/BDOs regarding placing of country boats for use in needs.

ICs and OCs should keep a list of country boats of their respective jurisdiction with names and addresses, contact numbers, if any of the Boatmen after collecting the same from local BDOs.

8. EXTRA RESERVE:-

The officers and force of DEB, DIB, DCRB, Reserve office and Courts are treated as reserve for flood duty.

9. DEFENCE FORCES AND THE PARAMILITARY FORCES FOR RESCUE AND RESTORATION OPERATION:-

A). The Indian Army, the Indian Air Force, the BSF & the SSB are usually kept alert to support the civil authorities in rescue and relief operations, in case of necessity.

B). The Indian Army, the BSF & the SSB may be assigned with the task of rescuing marooned people or of evacuating people threatened by imminent floods and also for distribution of relief materials among rescued people, if it is necessary.

C). Services of the engineering wing of the Indian Army may also be needed for establishing telecommunication transport communication with area cut-off by flood.

D). the service of the Indian Air force may be required to reach food packets of food grains to rescued people in remote areas cut-off by flood for more than a week, or even earlier, if situation so demands.

E). Generally 01 contingent of Army personnel consisting of 120 persons with officers, engineers with all engineering items, medicals aids and communication items are kept ready for the service within one hour of requisition. One liaison officer will be posted in

the district for collecting flood information. For this accommodation and communication facility will be provided.

F). Generally Indian Army of 20 Mountain Division, Binnaguri will be charge of our district.

G). A list of identified emergency helipads for the use of the Air force is given below:

Sl. No.	Block	Nearest Helipad
1	Falakata	Jateswar High School Ground, Falakata Town Club Ground.
2	Alipurduar-I	Alipurduar Parade Ground
3	Madarihat	Madarihat Foot Ball Ground,
4	Birpara	Birpara HS School Ground, Jubilee Club Ground, Dalmore-Garobusty Anganwadi Centre
5	Kalchini	Hospital Ground, Mechia Basti Foot Ball Ground, Rupram Rathi Land near GP office, Dalsingpara Foot Ball Ground near TG office/Factory, welfare club, Satali TG Bharnobari Foot Ball Ground, Satali High School Ground, Kalchini Thana Foot Ball Ground, U/Mendabari Jr. HS Foot Ball Ground, Chuapara TE/Garopara/Bhatkhowa TE. Foot Ball Ground, Raja Bhatdhowa forest range office ground under Rajabhatkhwa bazaar.
6	Alipurduar-II	Paschim Chikliguri BFP School, Chepani High School, Parokata No-II Nimnabuniadi Vidlaya, Mahesh Tala BFP School, Salsalabari No-II BFP School, Mdhya Salsalabari SP Primary School, PWD over bridge, Padmeswari High School, Rupbar Basic School playground, Dharen Hat, Bhatibari HS Ground, Khapasdanga/Chapani /Barochowkirbas/ Dhalkar No-2 BFP School, DhalkarNO-1 BFP School, Dhalkar GMP School, Santalpur/Paschim Jitpur Football Ground, Baniardabri/ Baniagaon/ Pukuria/ Kadampur TD Primary School Ground, Jashodanga Jr. High School, Majidkhata/ Tatpara RR Primary School, Karampara Jr. Basic School Ground, etc.
7	Kumargram	Sankosh FV Primary School Ground, Kumargarm TG Primary School, Young Society club Ground, Kumargram Thana Ground, Barivisha High School, CTO Check Post Ground, Marakhata HS Ground, Jalaneswari HS Ground, Kamakhyaduri Mission HS ground, Kamkhyaguri HS Ground, Rahimabad workers HS ground.
8	Jaigaon	Gopimohan Ground, Birsha Munda Ground, Satali, Hasimara.

A communication unit with the liaison officer of the Army/BSF/SSB may be stationed at each forecasting station of CWC and Metrological Deptt in consultation with the Nodal officer of DM Alipurduar, to monitor water level and weather forecast so as to maintain link with Army/BSF/SSB Hqrs. For immediate army rescue assistance.

10. RELIEF OF FOOLD VICTIMS:-

The District Relief officer, Alipurduar, SDO Alipurduar to make necessary arrangement for providing relief to the flood affected people. RI Police Line, Alipurduar and concerned ICs and OCs of PSs and Ops will extend all possible assistance for escorting, guarding of the relief materials and maintaining law & Order during distribution of the same.

SDO Alipurduar is requested to move the chairman of concerned municipalities to keep in readiness available sweepers for deployment in case of serious flood situation.

District controller Flood & Supplies, Alipurduar and Sub-Divisional controller, Food & Supplies are to ensure adequate supply of essential commodities and to see that no hoarding of essential commodities are made by the businessmen for black marketing. SDPO Alipurduar will please coordinate with the controller, Food & Supplies accordingly.

11. COMMUNICATION:-

FLOOD WARNING SYSTEM: Executive Engineer, Alipurduar Irrigation Division are the flood warning authorities in their respective area. They impose red and yellow signals on the downstream of various rivers. These warnings are communicated to the District administration and Municipal authorities, who in turn are responsible to alert the general public.

For effective communication of Flood warning and flood message, different department like central water commission, Irrigation & Waterways department, and Police set up their wireless network covering the flood prone zones. This year CWC set up wireless station at the following places.

Similarly, the Irrigation & waterways department will set up temporary wireless station at the following places of Alipurduar district. These wireless stations will be manned by the Mobile civil Engineering Force, (MCEF)

1	Kaljani HOS on River Kaljani	PWD Road Bridge(FWA) Alipurduar
2	Torsha at Hasimara, NH-31C Road Bridge	Road Bridge crossing (River Torsha)
3	Central Dooars	River Pana/Radharani TE
4.	Hamiltonganj	River Kaljani
5.	Bhutnirghat at NH-31 Road Bridge crossing	River Mujnai
6.	Falakata Irrigation section office	Falakata

The District Police will also install temporary wireless station at the following places in addition to the existing permanent station:

Alipurduar Sub-division:-

1. Chepani NH-31C (River Raidak-I)
2. Telipara NH-31C Crossing River Raidak-II
3. Kamakhyaguri (I) Irrigation Sub-Divisional officer, PS Kumargram
4. Kaljani Control HOS, PWD Road bridge crossing (River Kaljani)
5. Sankosh NH-31C Road bridge crossing (River Sankosh)

Jaigaon Sub-Division:-

1. Hasimara Out Post (Near river Toorsa)

12. CIVIL DEFENCE ORGANISATION, ALIPURDUAR:-

Civil Defence volunteers may be available with Sr. staff officer, Civil Defense at Alipurduar for relief and rescue operation. In case of necessity senior staff officer is to be contacted by R.I. Police Line, Alipurduar. The control room of civil defense will function under the command of O/C Civil Defence, Shri Richard Lepcha, WBCS (Exe), Dy. Magistrate & Dy. Collector (M/No.8945535644).

13. A unit will be stationed at all BDO offices and facilitate the communication of information between all the wings of ADM with regard to flood related issues.

Superintendent of
Police
DIB, Alipurduar.

PWD

Nodal persons:-

Name	Designation	Contract Number
Sri Habibur Rahaman	Assistant Engineer, PWD, Alipurduar Sub Division	9474579366 / 7384250822
Sri Bibhor Majumder	Assistant Engineer, PWD, Alipurduar Construction Sub Division	9434170903
Sri Premnath Mondal	Assistant Engineer, PWD, Kamakhya Sub Division	9083282337 / 9831570342
Sri Chedup Lama	Assistant Engineer, PWD, Falakata Sub Division	8927878242

Pre- disaster preparedness plan:

Monitoring the condition of buildings and river bridges	The concerned Assistant Engineers will monitor the condition of the building and river bridges under their respective jurisdiction as per necessity of the situation.
Special scheme and project	NIL
River bridge Construction	Army may be called for construction of Bailey bridge if required.

During Disaster:-

Round the clock vigilance of the condition of civil construction	The concerned Assistant Engineers along with their team will make round the clock vigilance of the condition under their respective jurisdiction during disaster.
Special task force committee	To be constituted if required during disaster involving the concerned Assistant Engineer.
Monitoring the river bridges during flood	The Concerned Assistant Engineers along with their team will monitor the river bridges during flood under their respective jurisdiction.

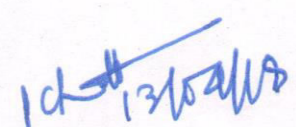
Executive Engineer, P.W.D.
Alipurduar Division,
Alipurduar

DISASTER MANAGEMENT PLAN 2018-2019.

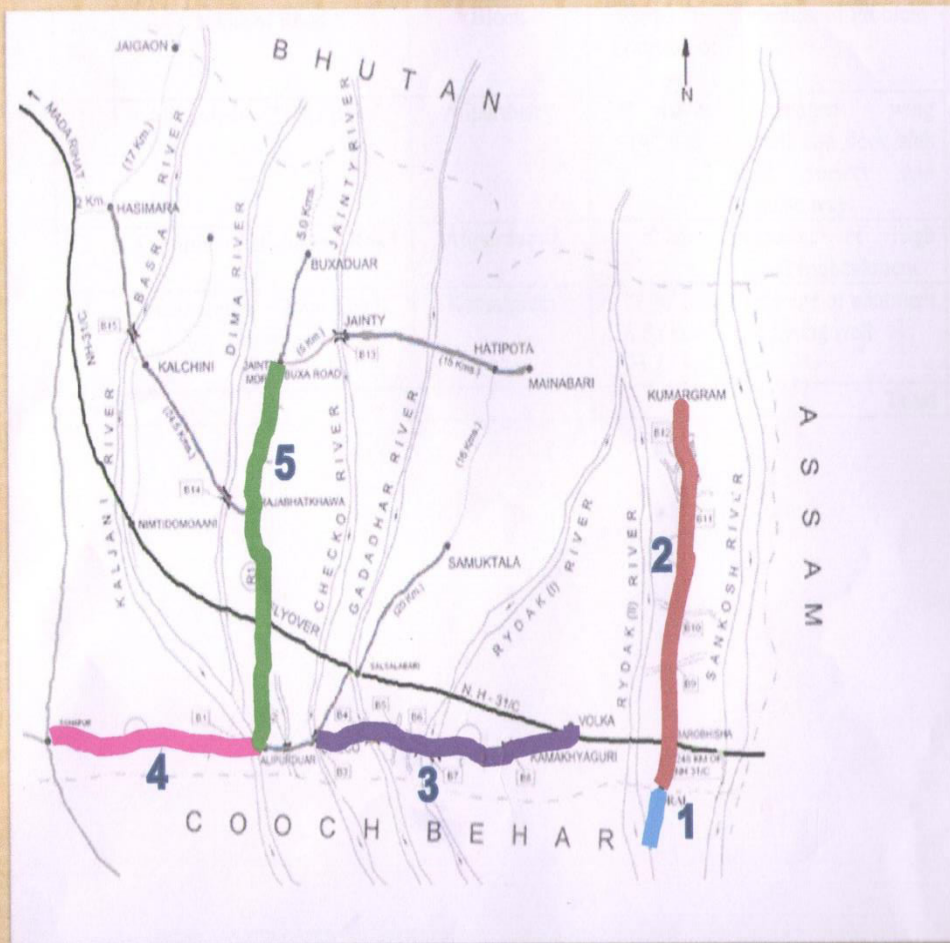
Alipurduar Division, PWD consists of four nos. of Sub-Division viz (1) Alipurduar Sub-Division, (2) Alipurduar Construction Sub-Division, (3) Kamakhyaguri Sub-Division & (4) Falakata Sub-Division and functions for maintenance & construction of 1 (one) No. State Highway, 4 (four) Nos. Major District Road and 24 (twenty four) Nos. of Major Bridges with different type of Culverts and causeway, cover the jurisdiction of Kumargram, Alipurduar Block-I, Alipurduar Block-II, Kalchini Block and Falakata Block of Alipurduar District and Tufanganj Block-II (some portion of Buxirhat-Jorai road) under this division.

A detailed list of Road and Major Bridges with index map is enclosed in this report. Besides that different administrative residential & non-residential building of Govt. of West Bengal are also maintained and restored from this Division. List of the proposed work related to Flood Contingency before the monsoon of 2018 is also included in this plan with rough cost for restoration of different works amounting to **Rs.50.00 Lakh**. Road works and Bridge & Culvert works will be taken up according to the availability of fund. Copy of proposed work is enclosed herewith for ready reference.

This flood contingent plan- 2018 has been made as per memo no.- 71/(20)/DMS/18 dated 04.04.18 of District Magistrate, Alipurduar consists List of vulnerable areas, Repair/ Reconstruction of flood protective embankment and Repair/ Restoration of roads bridges, culverts, embankments, drainage channels.


Executive Engineer, P.W.D.
Alipurduar Division.
Alipurduar

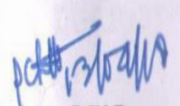
Detail of Roads under Alipurduar Division

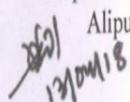


1. Buxirhat-Jorai Road
2. Kumargram-Jorai Road
3. Alipurduar-Volka Road
4. Alipurduar-Patlakhowa Road
5. Buxa-Forest Road

Alipurduar Division, Alipurduar, PWD

Sl. No.	Name of Road	Block	Vulnerable Location of Road	Nature of Problem	Rough cost Estimate (Rs. in Lakh)	Remarks
1.	Alipurduar – Volka Road	Alipurduar-I	9 th Km & 14 th Km	Damaged wing wall and deck slab of culvert and cause way.	10.00	Estimate is under process
2.	Alipurduar Patlakhowa Road	Alipurduar-I	1 st km	Damage of High Road Embankment.	10.00	Estimate is under process
3.	Kumargram – Jorai Road	Kumargram	12.48 km, 18.85 km & 23.25 km	Damage of abutment and wing wall	30.00	Estimate is under process.
				Total	50.00	


 Executive Engineer, P.W.D.
 Alipurduar Division.
 Alipurduar


 12/04/18

Central Water Commission

The full particulars of Control rooms under this Division are furnished below:

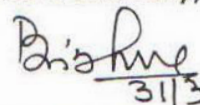
Sl. No.	Name of Office & Address	Name of Officer	Telephone/Fax No.
1	<u>DIVISIONAL CONTROL ROOM</u> Lower Brahmaputra Division, C W C, Jalbhawan, Hakimpara, Jalpaiguri-735101.(W.B)	1. Shri S. K. Gain, EAD(Hydromet)	03561- 220770(Fax) /227224(C/Room) /230677(Office)
SUB DIVISIONAL CONTROL ROOMS			
1	Jaldhaka Lower Teesta Sub-division, CWC, Jalbhawan, Hakimpara, Jalpaiguri - 735101	Shri S. Ghosh, SDE, JLT Sub-Division	03561 – 225176 (O)
2	Torsa Raidak Sankosh Sub-Division, C.W.C., Debibari, Nutan Para, Coochbehar-736 101. (W.B.)	Shri S. C. Roy, S.D.E, TRS Sub-Division.	03582- 222320 (O)
3	Upper Teesta Upper Mahananda Sub-Division, C.W.C., Ganesh Gosh Colony, Champasari, Siliguri-734 003 (W.B.)	Shri P. C. Roy, S.D.E, UTUM Sub-Division.	0353-2577004 (O)
4	Manas Sub-Division, C.W.C., Athiabari, Barpeta Road-781385 (ASSAM)	Shri T. K. Mondal, A.E.E, Manas Sub-Division	03666-260835 (O)

The Sub-Divisional Engineers are hereby directed to collect the name of Officers with Designation, Office address, Telephone/ Fax/ **Mobile No./ E-mail address** from concerned State/Central Govt. offices under your jurisdiction and send to this office on priority. These officers (like BDO, SDO, DM, EE/SE Irrg./NBFCC) will act as Nodal Officer for getting flood related information like flood affected area/breach of embankments/damage data etc. or any other relevant information required by higher authorities, Government of India.

The receipt of this letter may please be acknowledged.

Encl: As stated.

Yours faithfully,



(BRAJ KISHORE)
EXECUTIVE ENGINEER

Copy to:

1) The Chief Engineer, B & BBO, CWC, "REBEKKA VILLE", Shillong for favour of kind information.

2) The Superintending Engineer, H.O. Circle, CWC, Guwahati-14 for favour of kind information.

3) The Executive Engineer, M.B. Division, CWC, Guwahati-14. He is requested to take necessary action for the transmission of real time data of D C Court (Guwahati), Goalpara to this Division and flood message of Dhubri, Beki Road Bridge, Manas N.H. Xing and Golokganj to A.I.R. and Doordarshan, Guwahati for the benefit of the people of the region in Assam. He is also requested to arrange to transmit Bangladesh messages to Dhaka through IMD, Dum Dum duly received from this division like previous years.

4) SDE (HQ), LBD, CWC, Jalpaiguri.

5) EAD (HM), LBD, CWC, Jalpaiguri.

6) Sub Divisional Engineer, T. R. S. Sub-Division, CWC, Coochbehar .

7) Asst. Ex. Engineer, Manas Sub-Division, CWC, Barpeta Road.

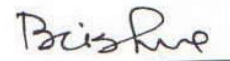
8) Sub Divisional Engineer, J.L.T. Sub-Division, CWC, Jalpaiguri

9) Sub Divisional Engineer, UTUM Sub-Division, CWC, Siliguri.

Instructions for Sl.No.6 to 9:- They are directed to ensure that all sites under their jurisdiction/Control Room are operational with hourly data collection w.e.f. 0100 hrs. of **01-05-2017** positively. It is also requested that leave may not be granted to any official who are directly connected with FF activities except under extreme emergency. They are also directed to collect **Photographs of high/devastating flood situations and comments of user agencies** within their respective jurisdiction and made available to this office for onward transmission on firsthand information basis.

10) Asst. Engineer (Comm.), L.B. Division, CWC, Jalpaiguri. He is directed to ensure that Divisional and Sub Divisional Control Rooms and the Wireless Stations under all Sub Divisions are equipped with Wireless sets in good working condition before the commencement of Flood Season (01.05.2017). In case of non-functional wireless alternative suitable communication system may be arranged on priority. Duty of Wireless Operators/other officials who are engaged in wireless operation efficiently at Divisional Control Room for flood season may be arranged accordingly. The transmission of Bangladesh Message i.e. point to point communication of Flood Data from Gazoldoba, Domohani, NH-31 & Ghughumari may also be ensured.

11) The Meteorologist In-charge, F.M.O., SJDA Composite complex phase II, near Gosala More, Danguajhar, Jalpaiguri for favour of kind information. He is requested to take necessary action for the timely release of weather forecast/Q.P.F., Weekly Synoptic Report etc., to this office during the flood season as it was done in previous years. Daily Rainfall data of sites located at other than CWC campus may please be provided on regular basis.



(BRAJ KISHORE)
EXECUTIVE ENGINEER

Name	Designnation	Contact No	Name of CCC / Division
Sri Swapan Kr. Saha	D.E. (E)	7449301724	Alipurduar Division
Sri Rounak Kar	A.E(Tech)	7449301722	Alipurduar Division
Md Ketabul Haque	A.E(Tech)	7449301723	Birpara HT Maintanance Center
Sri Satan Chaudhury	A.E & S M	7449301732	Alipurduar Puranbazer
Sri Rajen Mondal	A.E & S M	7449301727	Alipurduar Newtown
Sri Jitendra Kr. Saha	A.E & S M	7449301729	Kamakhyaaguri
Sri Dilip Roy	A.E & S M	7449301735	Samuktala
Sri Aloke Gupta	A.E & S M	7449301728	Kalchini
Muntasir Mamud Annur	A.E & S M	7449301730	Jaigaon
Sri Goutam Barmon	A.E & S M	7449301733	Madarihat
Hasibur Rahamon	A.E & S M	7449301734	Birpara
Sri Prasanta Mondal	A.E & S M	7449301731	Falakata

Pre- disaster preparedness plan:-	
Monitoring heavy weight power grid station	Related to Area Manager , Alipurduar ,WBSETCL
Making arrangements of back-up in hospital and Nursing home	NIL
Traning of manpower for special duty	NIL
Special scheme and projects	N/A

During Disaster :-	
Surveillance the places of special importance like collector office, Court, Police station for emergency power supply	N/A
Deployment of special Manpower	N/A
Making additional arrangements of power supply for relief camp	N/A

Post disaster matigation:	
Surveillance the places of special importance like collector office, Court, Police station for emergency power supply	Action will be taken as per the situation.
Deployment of special Manpower	Action will be taken as per the situation.

Department of Health

Departmental profile

Name	Designation	Contact Number
Dr P K Sharma	CMOH, Alipurduar	9800399155
Dr S Goswami	Dy CMOH II, Alipurduar	9434326066

Pre-disaster preparedness plan

List of Medical Van with First Aid facility with contact no.

Car Number	Area Served	Medical equipment and facility	Contact person
WB06c 7258	Madarihat	List of equipment - Examination Table with steps, Torch, Stethoscope, BP apparatus, Clinical Thermometer, Weighing machine, Knee hammer, Measuring tape, Cold storage (vaccine carrier), ENT and examination kits, First aid kit, Resuscitation kits,	Mantu Mandol 8348587501
WB 62A-9185	Kalchini	Heamoglobinometer, Uristix, Microscope, Disposable	Bijan Dey - 9735064421

WB 64D-0077	Kalchini & Madarihat	Syringes and needles,Suture instruments and material,Needle cutter,Vaginal specula , Water storage device,	Bijan Dey - 9735064421
WB 74H-4227	Madarihat		Krishna Dey Sarkar - 9733396808
WB 74X-2929	Kumargram & APD II		Litan Saha - 9733209848

List of medical shops near hazard prone area:

Name of shop	Location	Type of medicine, vaccine and anti-venom	Contact
N/A	N/A	N/A	N/A

List of health centers having anti-venom for snakebite patients:

Name	Location	Contact
Alipurduar DH	Alipurduar	9733353616
Birpara SGH	Birpara	9800784321
Madarihat BPHC	Madarihat	9732020611
Uttar Latabari BPHC	Kalchini	9830797316
Panchkolguri BPHC	Alipurduar 1	9733541776
Josadanga BPHC	Alipurduar 2	9932343817
Kamakshyaguri BPHC	Kumargram	9832317252
Falakata RH	Falakata	8967659080
Bhatibari RH	Bhatibari	9002570699

List of hospital and nursing homes with contact no:

Name	Location	Doctor with specialization	Contact number
Alipurduar DH	Alipurduar	Yes	9733353616
Birpara SGH	Birpara	Yes	9800784321

Madarihat BPHC	Madarihat	Yes	9732020611
Uttar Latabari BPHC	Kalchini	Yes	9830797316
Panchkolguri BPHC	Alipurduar 1	Yes	9733541776
Josadanga BPHC	Alipurduar 2	Yes	9932343817
Kamakshyaguri BPHC	Kumargram	Yes	9832317252
Falakata RH	Falakata	Yes	8967659080
Bhatibari RH	Bhatibari	Yes	9002570699
Railway Hospital APD JN	Alipurduar JN	Yes	9002052502
SAMUKTALA PHC	SAMUKTALA	Yes	9831414810
SHILBARIHAT PHC	SHILBARIHAT, Alipurduar 1	Yes	9831001626
Jaigaon PHC	Jaigaon, Kalchini	Yes	9804864917
Totopara PHC	Totopara, Madarihat	Yes	9775494334
Maa Seva Nursing & Diagnoostic Centre	Alipurduar	Yes	9233474562
Greenland Nursing home Pvt. Ltd	Alipurduar	Yes	9434005116
St Mary nursing Home	Alipurduar	Yes	3564255177
Dooars Nursing Home	Birpara	Yes	9547307085
Maa Nursing Home	Birpara	Yes	8972472027
Jeevan Suraksha Nursing Home	Birpara	Yes	98326978843
Varsha Nursing Home	Falakata	Yes	8348248111
Falakata Nursing Home	Falakata	Yes	9732493000

Details of training and awareness camp to overcome health issues during flood	10.01.2017 and 7.03.2017
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Medical facility during disaster:

List & contact no. of hospitals and nursing homes with extra bed	Alipurduar DH, Birpara SGH, Madarihat BPHC, Uttar Latabari BPHC, Panchkolguri BPHC, Josadanga BPHC, Kamakshyaguri BPHC, Falakata RH, SAMUKTALA PHC, Shilbarihat PHC, Jaigaon PHC and Totopara PHC
Alternative arrangement for patients and distressed peoples	Alipurduar DH, Birpara SGH, Madarihat BPHC, Uttar Latabari BPHC, Panchkolguri BPHC, Josadanga BPHC, Kamakshyaguri BPHC, Falakata RH, SAMUKTALA PHC, Shilbarihat PHC, Jaigaon PHC and Totopara PHC

Food and Supply

DISASTER MANAGEMENT PLAN DEPARTMENT OF FOOD & SUPPLIES

Nodal Persons: Sri Bappaditya Chandra, District Controller (Food & Supplies), Alipurduar, Mob: 9434234856

Sl. No.	Name	Designation	Contact No.
1	Sri Syamal Nandi	Chief Inspector (Food & Supplies)	9434197685
2	Sri Rajib Paul	Inspector (Food & Supplies)	9474625410
3	Sri Hari Gopal Sen	Upper Div. Clerk	9126714787

Pre Disaster Preparedness Plan:

Rolling reserve stock of Chira & Gur

SL NO	Name of the Stockist	Qty of Chira	Qty of Gur	Contact No.
1	M/S H.N Saha & Brothers, Alipurduar	NIL	1.00 qtls	9735023281
2	M/S Madan Mohan Bhandar, Alipurduar	10.00 qtls	1.00 qtls	9434130089
3	Sri Dilip Saha, Alipurduar Jn	10.00 qtls	1.00 qtls	9832311692
4	M/S Maheswari Brothers, Alipurduar	NIL	5.00 qtls	9434137967
5	M/S Kalyani Brothers, Alipurduar	NIL	5.00 qtls	9434217408
6	Prahalad Das, Kumargram	10.00 qtls	1.00 qtls	9002670061
7	Parimal Paul, Kumargram	10.00 qtls	1.00 qtls	9593705679
8	Jay Prakash Choudhury	10.00 qtls	1.00 qtls	8016679927
9	Punam Chand Lakhota	10.00 qtls	1.00 qtls	9733141006
10	M/S Mahavir Prasad Agrawalla, Birpara	10.00 qtls	1.00 qtls	9832009862

Rolling reserve stock of Iodised Salt

All the Wholesaler of Iodised Salt of Alipurduar Distict are directed to maintain a rolling reserve of 10 qtls. of stock of Iodised Salt at their storage point as per quantity shown as under.			
Sl No	Name of Wholesaler	Address	Contact No.
1	M/S Ma Laxmi Bhandar	Alipurduar	03564-274655
2	M/S Ramkrishna Bhandar	Alipurduar	9733152395
3	M/S Raj Laxmi Trading	Alipurduar	9832635151
4	M/S Koiry Stores	Alipurduar	03564-255483
5	Sri Bivash Chandra Saha Roy	Falakata	9475385350
6	Sri Moglal Deshmukh	Falakata	9832509743
7	Sri Kali Kumar Saha	Falakata	9475809113

8	Sri Anup Kumar Saha	Falakata	9832050996
9	Sri Swadesh Dev	Kamakhyaguri	9434604551
10	Sri Suresh Kumar Goyel	Kalchini	9434807101

Rolling reserve stock of Baby Food

All Distributors of Baby Food of Alipurduar District are directed to maintain a rolling reserve of 100 (One Hundred) Tins of Baby Food weighing 500 grams each.			
SI No	Name of Distributors	Address	Contact No.
1	M/S Sunil Agency	Alipurduar Municipality	9332002444
2	M/S Raj Laxmi Enterprise	Alipurduar Municipality	9434744485
3	Jolly , Enterprise	Alipurduar Municipality	9434744485
4	Maa Sankari & Sons	Alipurduar-I	9434058842
5	Joy Matadi Agency	Alipurduar-I	9832626262
6	SB Enterprise	Alipurduar-II	9933548180
7	PS Enterprise	Alipurduar-II	9800029999
8	M/S Samir Traders	Samuktala	9775888328
9	M/S Manish Enterprise	Birpara	9832392645
10	Rathi Agency	Birpara	9832456752
11	Shiv Shakti Traders	Madarihat	7407385111
12	M/S Anandamela	Hamiltonganj	9735211396
13	M/S Anjana Enterprise	Kalchini	9734944170
14	M/S KK Enterprise	Hasimara	9733303499
15	M/S KCCS Ltd	Kalchini	9434807101
16	M/S Ball Enterprise	Jateshwar	9832387064
17	Roy Enterprise	Falakata	03564-260386
18	Gita Agency	Falakata	9832453341
19	Maa Durga Enterprise	Falakata	9835413019
20	M/S BP Enterprise	Kamakhyaguri	9641069685 7797200000
21	M/S Saha Agency	Barobisha	9733459101
22	M/S Mridula Enterprise	Khoardanga	9093900213
23	M/S Swami Traders	Kartika, Kumragram	9775888328

Rolling reserve stock of H.S.D. & M S

All H.S.D. & M.S. Dealers of Alipurduar District are directed to maintain a rolling reserve of 2 (Two) KL of HSD and 2 (Two) KL of MS			
SI No	Name of Dealers	Address	Contact No.
1	M/s Roy Service Station	Falakata	9775401668
2	Anil Auto Service	Madarihat	9832020300
3	Madarihat Service Station	Madarihat	9734927797

4	M/S Himalayan Agency	Madarihat	9733388868
5	M/S Nilkata Service Station	Birpara	9434110351
6	M/S Ghosh Auto Service	Ethelbari Birpara	8101777789
7	Radha Gobinda Service Station	Nimti, Kalchini	3564275198
8	Shree Raj Auto Service	Kalchini	9733452331
9	M/S Allied Service Station	Alipurduar	9434103840
10	M/s Ma Krishna Service Station	Hasimara	9800815464
11	N.R.L Automobile	Madarihat	8145791710

Rolling reserve stock of Rice

All MR Distributors under Alipurduar District are directed to maintain a rolling reserve stock of Rice at their storage points as per quantity shown as under			
Sl No	Name & Address of the M.R. Distributors	Rice in Qtls	Contact No.
1	M/S Radha Distributor, Alipurduar	50.00	7797816612
2	M/S Murari Lal Agarwala, Alipurduar	50.00	9434005721
3	M/S S.R. Moulic & Sons, Alipurduar Jn.	50.00	9832312117
4	M/S Dhar Brothers, Alipurduar	50.00	9474426366
5	Raj Trading, Salkumar, Alipurduar-I	50.00	9641651626
6	M/S Ashok Stores, Samuktala, Alipurduar-II	50.00	9434103813
7	K.C.C.S. Ltd., Kalchini	50.00	9002552511
8	K.C.C.S. Ltd., Hasimara	50.00	9434412928
9	Gopal Chandra Roy, Madarihat	50.00	9434319274
10	Kailash Jindal, Birpara	50.00	9434184888
11	M/S Parul Bala Saha, Kamakhyaguri	50.00	9775484713
12	M/S T.P. Mukherjee, Kamakhyaguri	50.00	9434378274
13	Adhir Kumar Saha, Barobisha, Kumargram	50.00	9933455845
14	M/S Hemendra Chandra Saha Roy, Falakata	50.00	9733218220

Rolling reserve stock of S.K Oil

All S.K Oil Agent Alipurduar District are directed to maintain a rolling reserve of 5 KL of S.K. Oil			
Sl No	Name of the S.K Oil Agent	Address	Contact No.
1	M/S Banwarilal Agarwalla	Birpara	9002211211
2	M/S P.B Das	Falakata	9434207695
3	M/S Bhagawan Das Agarwalla	Kalchini	9735388911
4	M/S Ghanashyam Das Agarwalla	Kalchini	8906815830
5	Kiron Agency	Alipurduar	9434016676
6	M/S Reliable Auto Service	Madarihat	9749740561

7	M/S Sew Chand Roy Satya Narayan	Satali, Old Hasimara	9434030796
8	Vijay Agency	Alipurduar	9434411714

Rolling reserve stock of L.P.G cylinders

All Distributors of L.P.G of Alipurduar District are directed to maintain a rolling reserve of 100 (One Hundred) L.P.G cylinders.			
SI No	Name of L.P.G Dealers	Address	Contact No.
1	Alipurduar Gas Service	Alipurduar	9434607738
2	Manager, N.F. Rly Emp. Co-op Society Ltd.	Apd Junction	03564-255763
3	Bharat Service C/o Sudipa Chakraborty	Subhaspally, Falakata	03563-263228
4	M/S Annapurna H.P. Gas Service	Madarihat, Falakata Road	03563-262200
5	Sumit Indane Gas Service	Ghoramor, Kamakhyaguri	03564-200388

Rolling reserve stock of Rice

All Rice wholesalers of Alipurduar District are directed to maintain a rolling reserve stock of rice at their storage points as per quantity shown as under.			
SI No	Name & Address of Wholesaler	Quantity in Qtls	Contact No.
1	Ramavtar Satyaprakash, Alipurduar	100.00	7076643984
2	Mahabir Prasad Mohta, Alipurduar	100.00	9635112847
3	Maheshwari Mill, Alipurduar	100.00	9434608847
4	Ambika Traders, Alipurduar	100.00	9932361350
5	Pariwal Brothers, Alipurduar	100.00	9434002153
6	M/S Ganesh Stores, Alipurduar	100.00	9434034307
7	Ramnarayan Ramkumar, Alipurduar	100.00	9641833324
8	Ghasiram Mohanlal, Alipurduar	100.00	9434720444
9	M/S Jay Bharat Traders, Alipurduar	100.00	03564-255737
10	M/S Sitaram Jaynarayan, Alipurduar	50.00	03564-255272
11	Parimal Prasad, Kamakhyaguri	100.00	03564-258804
12	M/S K.C.C.S. Ltd., Kalchini	100.00	9434103813
13	M/S Mahabir Prasad Agarwalla, Hasimara	100.00	9832009862
14	Sri Mohanlal Agarwalla, Hasimara	100.00	9641609962
15	Sri Muridhar Jayprakash, Hasimara	100.00	9609731067
16	Sri Mithun Saha Roy	100.00	9832332471
17	M/S Bhanu Saha, Falakata	50.00	9475809113
18	M/S Siranjan Saha, Falakata	100.00	9734047211
19	M/S Dipak Kimar Saha, Falakata	100.00	9733083058

20	M/S Bimal Kumar Saha, Falakata	100.00	9641028899
21	M/S Sohanlal Satyaprakash, Birpara	100.00	3563266151
22	M/S Indar Sen Jindal, Birpara	100.00	3563266244
23	M/S Sohanlal Debiprasad, Birpara	100.00	3563266104
24	M/S Kuttu Traders, Birpara	100.00	3563266538
25	M/S Mitthal Stores, Birpara	100.00	3563266188
26	M/S Mahesh Stores, Birpara	100.00	3563266544
27	M/S Mahabir Prasad Agarwalla, Birpara	50.00	9832009862
28	Dhanraj Lalwani, Samuktala	50.00	9733188095

Buxa Tiger Reserve

Department of Forests

Departmental profile

Nodal persons :

Name	Designation	Contact Number
Shri Amar Chandra De, WBFS	Asstt. Field Director	9734547150
Shri D.K.Jha, WBFS	Asstt. Divisional Forest Officer	7872315734

Kind of disaster : Fire prone area

Storm prone area

Flood prone area :- Jainty river, Dima river, Pana & Basra river upstream land.

Pre-disaster preparedness Plan :


Detecting hazard prone forest area	Panbari forest block, Raimatang forest block, Damanpur forest block. No major damages exhibits in last five years.
Flood contingency plan	1) Bridge, Culvert, Katcha road damages are repaired and made Jeepable road by departmental fund. 2) RT net work is in vogue in all vulnerable areas like Beat, Range Hq. Watch towers. 3) Watch towers have been constructd in strategic location. 4) River protection camps are set up with 24x7 hours watch in forest fringe areas to enhance monitoring & protection of forest and wildlife. 5) Awareness campaign to fringe villages. 6) Special vigils are kept during crisis period.
Wildlife animal insurance	Does not arise
Shelter of wildlife animal	Does not arise
Special scheme and projects	Does not arise.

During disaster :

Deployment of trained manpower for water drainage.	Where ever required are met by Field Staff, D.L.s
Special relief team for rescuing wildlife animals.	Range wise patrolling team and 2(two) Nos. Mobile team keep vigil and combat problem.

Post disaster activities :

Assessment of damage	Are reported to higher authority and place demand for fund.
Measures to be taken for affected animal and forest land cover.	<p>Captive animals only departmental elephants are kept in protected place in the field particularly in Beat Office Complex.</p> <p>Departmental Veterinary Team with One Veterinary officer look into the matter alongwith other field staff.</p> <p>No Natural Fire : Man made fire particularly by forest villagers and forest user group for new leaves of grass for their cattle grazing are practiced in certain compartments of the Tiger Reserve. During the month of January to March Fire watchers are engaged for prompt detection and extinguish of Fire. Besire this 9(nine) Nos. of Ranges are having their patrolling/protection vehicle which are used to mitigate the problem.</p> <p>In village level awareness programmes are also taken by our field staff/Officer. Also bulk SMS RT net work in vogue. No wild animal death reported during last 10 years.</p> <p>The effect of storm causes uprooting/broken of trees in the High forest areas which are carried to timber depot departmentally and are auctioned as per rule. No wild animal death reported during last 10 years.</p>


 Deputy Field Director,
 Buxa Tiger Reserve (West).

BHARAT SANCHAR



NIGAM LIMITED

(A Govt. of India Enterprises)

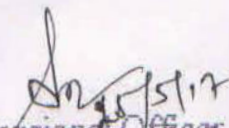
Office of the Sub-Divisional Officer Telegraphs

A L I P U R D U A R

Disaster Management Plan at Alipurduar for 2017-18.

Following Telephone Exchanges are under Alipurduar Sub-Division

Sl.no	Name of Telephone Exchange	Contact NO
1	Alipurduar Main Telephone Exchange	03564-255000/255345/255511
2	Alipurduar Durgabari RSU Exch.	03564-274000/255345
3	Alipurduar Jn. RSU Exch.	03564-270298/255345
4	Bhatibari Telephone Exch.	03564-222298/255179
5	Salsalabari Telephone Exch.	03564-220298/255179
6	Jasodanga Telephone Exchange	03564-224298/255179
7	Samuktala Telephone Exchange	03564-240298/255179
8	Kamakhyauni Telephone Exchange	03564-260301/255179
9	Barobisha Telephone Exchange	03564-263298/255179
10	Kumargramduar Telephone Exchange	03564-252298/255179
11	Kalchini Telephone Exchange	03566-240298
12	Hasimara Telephone Exchange	03566-255420/255000
13	Jaigaon Telephone Exchange	03566-263198/263113
14	Panchkelguri Telephone Exch.	03566-246298/255000


Sub-Divisional Officer
Telegraphs, Alipurduar
M-9434096222.

Cont---Page(2)

Requisition of following deptl. Stores have already been placed to our higher authority i.e. to TDM, BSNL, Jalpaiguri for Disaster Management Plan at Alipurduar for 2016-17.

Sl.no	Name of Stores	Quantity
1	Dropwire	15 KM
2	EPBT with IJU	50 nos.
3	D/W connector	5000 nos.
4	Jumper wire (2 conductor)	2000 mtr.
5	BB Modem	05 nos.
6	Control cards	05 nos.
Labour cost say		Rs.10,000-00

- The stores and cost are subject to approval of the competent authority.
- Staff and Officers are ready to face any type of Disaster of BSNL at Alipurduar.


Sub-Divisional Officer
Telegraphs, Alipurduar
M-9434096222.

School Education-DI

The following list of schools may be utilized as temporary flood shelter during emergency situation.

ALIPURDUAR-I (BLOCK)

1	APD JN SHYAMA PRASAD VIDYA MONDIR	9434256485
2	DEODANGA HIGH SCHOOL	9434489597
3	FOSKADANGA SARNA ADIBASI HIGH SCHOOL	8145811025
4	GHAGRA HIGH SCHOOL	9434240884
5	JITPUR HIGH SCHOOL HS	9641034458
6	JOGENDRANGAR HIGH SCHOOL	9733276585
7	LALTURAM HIGH SCHOOL	9733248945
8	PANCHKOLGURI PROMODINI HIGH SCHOOL HS	9641834585
9	PATKAPARA HIGH SCHOOL HS	9474592053
10	RABIKANTA HIGH SCHOOL	9474590520
11	SALKUMAR HAT HIGH SCHOOL	7602502022
12	SHILBARIHAT HIGH SCHOOL	9434810350
13	SONAPUR BK HS. SCHOOL	9635524637
14	TAPSIKHATA HIGH SCHOOL	9775484161
15	THAKUR PANCHANAN BIDYAPITH	9734175705

ALIPURDUAR – II (BLOCK)

1	BHATIBARI HIGH SCHOOL	8670243048
2	CHIKLIGURI HIGH SCHOOL	9547256363
3	JASODANGA HIGH SCHOOL	9475807719
4	MAHAKALGURI GIRLS HIGH SCHOOL	9775929290

5	MAHAKALGURI MISSION HIGH	8016640703
6	MAJHERDABRI HIGH SCHOOL HS	9832048778
7	MAJID KHANA HIGH SCHOOL	9474331880
8	PADMESWARI HIGH SCHOOL HS	9832068268
9	PARSHWANATH SMRITEE VIDYAPITH	9434167221
10	PUTIMARI HIGH SCHOOL	9434377456
11	SALSALABARI MODEL HIGH	9434608974
12	SANTALPUR MISSION HIGH	9832569392
13	SANTIDEVI HIGH SCHOOL	9933199107
14	ST XAVIERS HIGH SCHOOL	7602879842
15	TALESWARGURI HIGH SCHOOL	9733076174

MUNICIPALITY

1	ALIPURDUAR BALIKA SM HIGH SCHOOL	9434411830
2	ALIPURDUAR GOBINDA HIGH SCHOOL HS	9434319565
3	ALIPURDUAR HIGH SCHOOL	9434985248
4	ALIPURDUAR HINDI MADHYAMIK VIDYALAYA HS	9434169766
5	ALIPURDUAR MC WILLIAM HIGH SCHOOL HS	9434177155
6	ALIPURDUAR NEWTOWN GIRLS HIGH	8900075274
7	AUROBINDANAGAR MADHYAMIK BALIKA VIDYALAYA	8900542666
8	SUKANTA HIGH SCHOOL	9434411662

FALAKATA BLOCK

1	BADAITARI UZRIA HIGH MADRASHA	9735098288
2	BEGAM RABEYA KHATUN HIGH SCHOOL HS	9593219117
3	BHUTANIRGHAT HIGH SCHOOL	9475250270
4	BIRSA VIDYA BHAWAN HIGH SCHOOL HS	9832472284

5	DEOGAON HIGH SCHOOL	9002089396
6	FALAKATA HIGH SCHOOL	9434368148

7	JADABPALLI HIGH SCHOOL	9434201842
8	JATESWAR HIGH SCHOOL	9734017808
9	KHAGENHAT NATHUNI SINGH HIGH SCHOOL HS	9733450929
10	KHIRERKOTE HIGH SCHOOL	9474625526
11	MAIRARDANGA GOPPU MEMORIAL HIGH SCHOOL HS	9932544214
12	PROMOD NAGAR HIGH	9233649713
13	RAICHENGA VIDYA NIKETAN HIGH SCHOOL	9832057808

MADARIHAT BLOCK

1	BIRPARA HIGH SCHOOL	9434137757
2	BIRPARA SHREE MAHAVIR HINDI HIGH SCHOOL	9434034999
3	DEMDIMA FATIMA HIGH SCHOOL	9734094383
4	KHAYERBARI HIGH MADRASAH HS	9932511608
5	KHIDIR PUR RAHAMANIA HIGH MADRASHA	9733282448
6	MADARIHAT GIRLS HIGH SCHOOL	9933774597
7	MADARIHAT HIGH SCHOOL	9475220190
8	RAMJHORA BAZAR HINDI HIGH	9547808793
9	RANGALIBAZNA MOHAN SINGH HS SCHOOL	9775843611
10	SISHUBARI HIGH SCHOOL	9474427418
11	VIVEKANANDA VIDYABHAVAN HIGH	9734939430

KUMARGRAMDUAR BLOCK

1	BARABISHA HIGH SCHOOL	9733442087
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2	DALDALI HIGH SCHOOL	7501849878
3	KAMAKSHYAGURI HIGH SCHOOL	9434604889
4	KAMAKSHYAGURI MISSION HIGH SCHOOL	8145417531
5	KHOARDANGA JALANESWARI HIGH SCHOOL	9679177991
6	KUMARGRAMDUAR MS HIGH SCHOOL	9775914147
7	MARAKHATA JETMAL HIGH SCHOOL	9932172986
8	VOLKA HIGH SCHOOL	8159859703

9	WORKERS HIGH SCHOOL	9733203918
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KALCHINI BLOCK

1	DALSINGPARA SREE GANESH VIDHYA	9434807060
2	GAROPARA BC HIGH SCHOOL	9434602178
3	HAMILTANGANJ HIGH SCHOOL	9434367885
4	HASHIMARA HIGH SCHOOL	9832323318
5	HASIMARA HINDI HIGH	9474416006
6	JAIGAON JUNIOR HIGH SCHOOL	9735843654
7	KALCHINI HINDI HIGH	9734113278
8	MENDABARI HIGH SCHOOL	9434607745
9	NIMTIJHORA HIGH SCHOOL HS	9434937449
10	PANCHVEER JR HINDI HIGH	9955920198
11	PUNAM CHAND MITTAL MEMORIAL	8967873852
12	SANKAR NEPALI HIGH SCHOOL	9734969761
13	UNION ACADEMY HIGH KALCHINI	9434489809
14	UTTAR LOTHABARI HINDI HIGH SCHOOL HS	9635610445

Fire & Emergency Service

Officer –in-charge

Alipurduar Fire Station

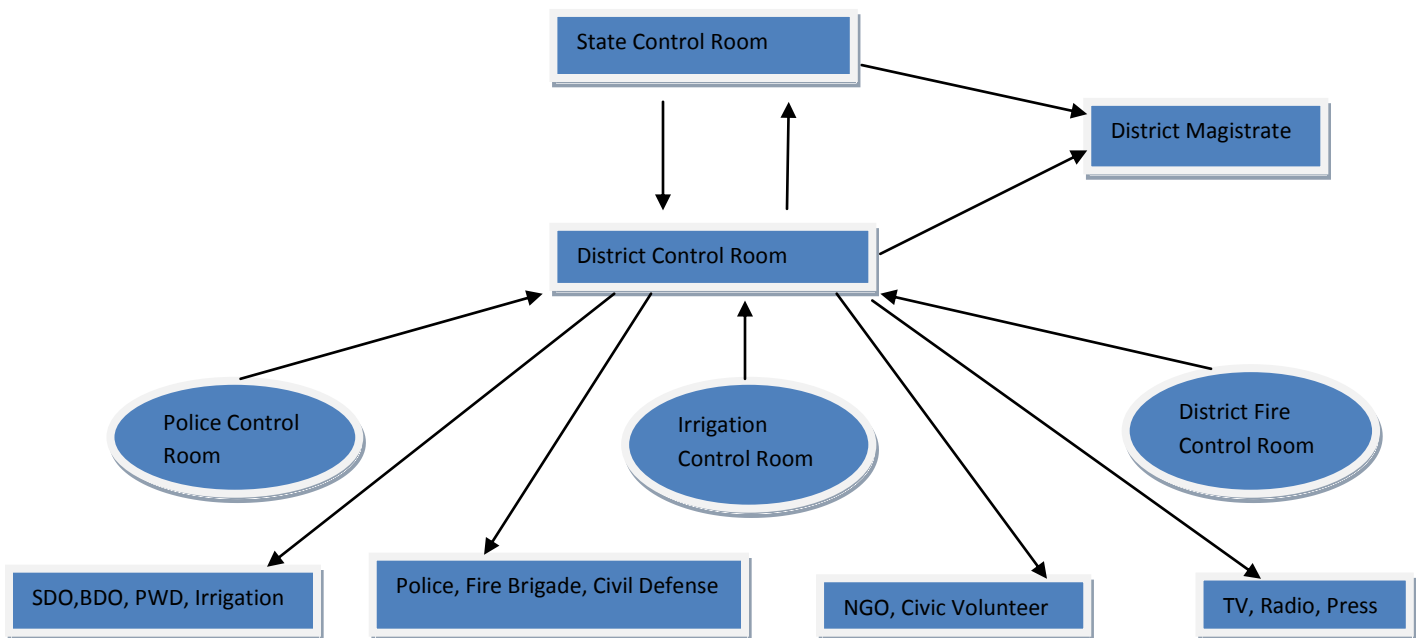
Sl No.	Office	Phone No.	On duty Officer Mobile No.
1.	Alipurduar Fire Station	03564-255101/257503	8584027269
2.	Hasimara Fire Station	03566-240101	8972324850
3.	Falakata Fire Station	03563-260101	8584027349
4.	Barobisha Fire Station	03564-263101	8584027272

Sd/-
Officer-in-charge
Alipurduar Fire Station

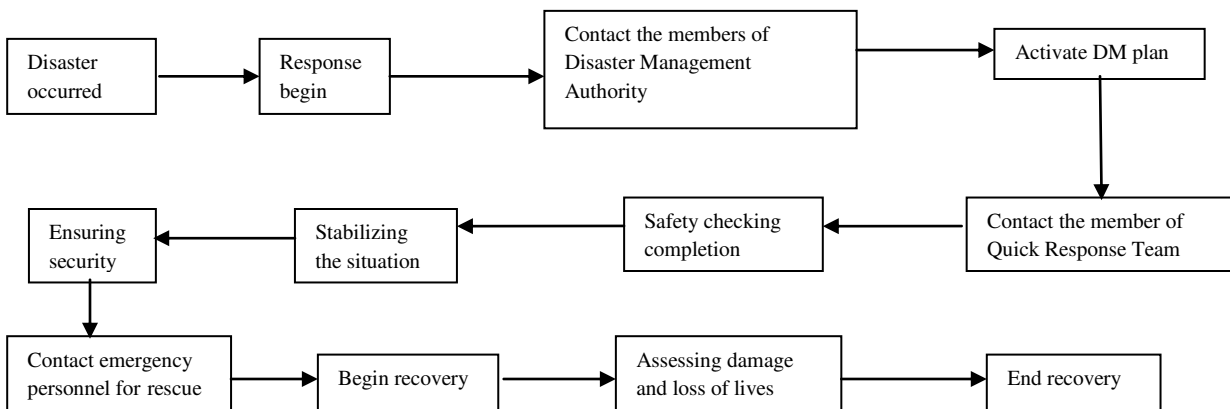
Chapter 9

STANDARD OPERATING PROCEDURE

Standard Operating Procedure (SOP) is a pre-defined framework of taking necessary action to smoothening emergency operation work without wasting time because during any crisis period, every single minute matters. And if there is no such workflow exists well in advance, people involved in this task will become clueless and lot of time will be spent only to take internal decision rather than initiating the action to tackle the situation. And by then the catastrophe may bring major damage which could be saved if the aforesaid SOP would exist. And hence the existence of SOP is of paramount importance. Though the basic anatomy is same for every scenario, response flow chart changes as per the situation occurred due to any mishap:



Disaster response flow chart during emergency:



Tackling of recent devastating flood, a real scenario as a case study:

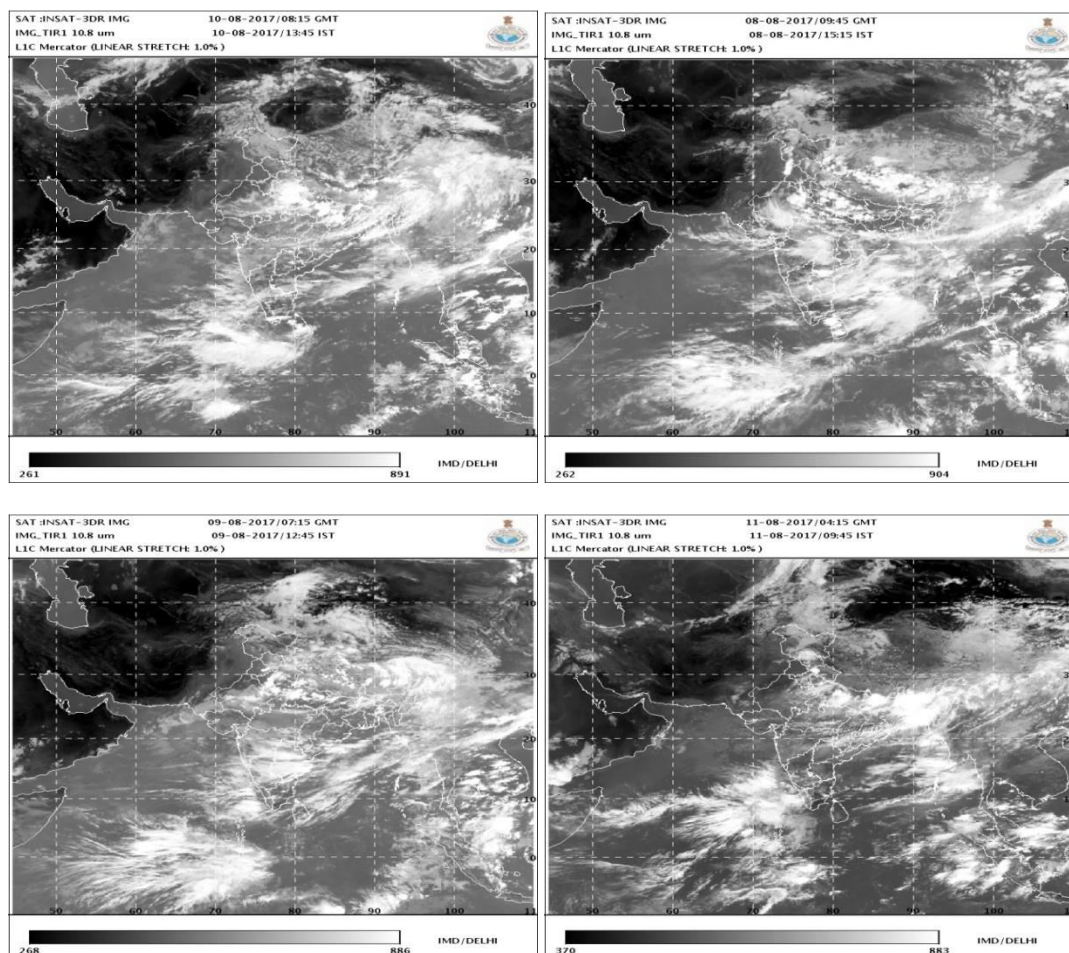
Flash flood is a natural phenomenon whose nature cannot be predicted well in advance. It generally occurs due to land burst or sudden rainfall within a very short span of time and causes major damage especially in the foothill area where river becomes very turbulent and rogue to carry anything whichever falls in the mouth of this rivulet or channel at that time. According to the nature of flash flood, water flows very rapidly for first two- three hours, causing major damage and then calms down slowly and disappears. The mentioned time threshold may vary from place to place depending on different factors like local topography, land use and land cover, habitation etc. Close watch on rainfall prediction and water level very frequently, deployment of response teams as per requirement etc. are some of the few remedies for flash flood.

Alipurduar, a small district situated in the northern part of West Bengal has always been a vulnerable district with regard to flood. Flash floods especially become a major bane during the monsoons because of its geographical location and topographic feature. The rivers coming from Bhutan pose a dangerous threat to the areas of this district which fall in the Bhutan foothills. Information regarding rainfall in Bhutan does not reach to this district in adequate time due to the unavailability of any system of dissemination of rainfall data directly to the district authorities of Bhutan. This creates a major problem as pre disaster litigation is not possible to be done on time due to lack of information as to which area should be watched more clearly. Under this circumstance, flood control room of district disaster management authority has to shoulder upon all burdens to face the challenge.

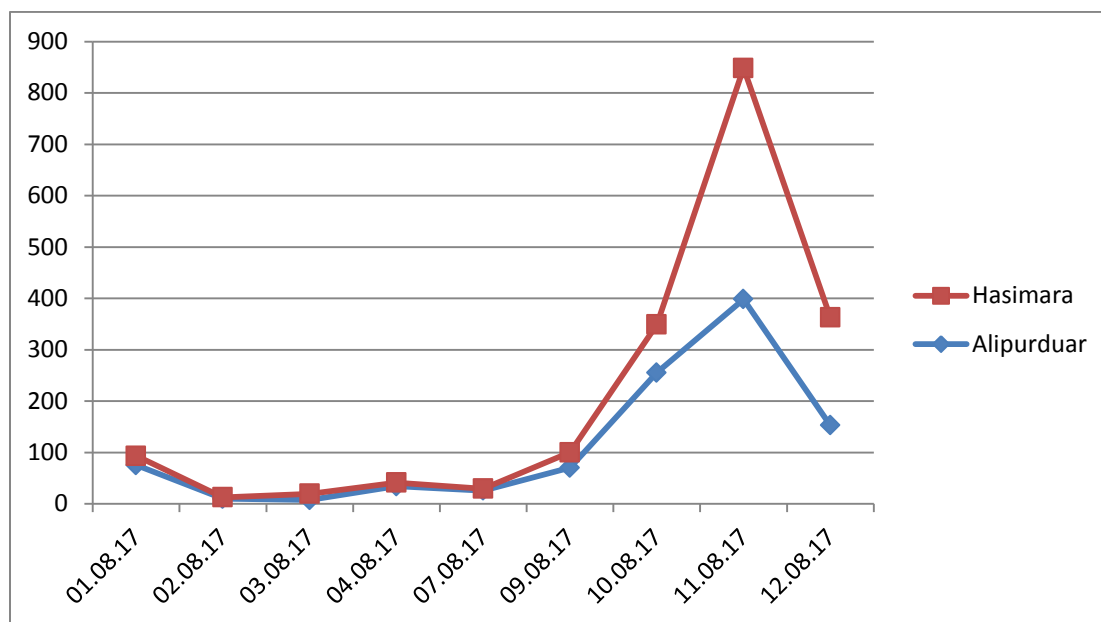
Therefore, what basically happens is that the rivers which are flash flood prone swell to dangerous levels within a short span of time providing no warning to any person or animal in its way. The destruction is swift and devastating. Especially the places which are situated at low lying area are at high risk of getting damage due to tremendous river discharge. As a consequence, bridges collapse, roads get damaged and human and animal life is lost. Sometimes these rivers break through the bundhs and wreak havoc in the villages near these rivers. Kalchini block is the major sufferer of flash floods. Last year many villages were affected by flash floods. The worst affected area was Manglabari village in Jaigaon I GP of Kalchini Block. Here, Jogi Jhora, a tributary of Basra river broke through the irrigation dam and damaged many houses in the area and destroyed four houses fully. Other blocks, fallen in the low lying area of this district namely, Falakata, Alipurduar-I, Alipurduar-II and lower part of Kumargram, floods are also regularly hampering life, property, agriculture etc. The major rivers causing floods are Torsha, Kaljani, Sankosh, Rydak I & Rydak II. Among them, river Kaljani is the biggest as per the catchment area and flow through the heart of the town. River Sankosh is also very destructive and is flooded every year. Last year also river Sankosh wreaked havoc in Kumargram block. Water logging situation occurred for three consecutive day and transport communication were hampered. Everything was messed up to tackle the situation.

As mentioned earlier, Alipurduar is a flood prone district and constantly under stressed during monsoon. In the last year, the district was fallen at the gulp of such a flood due to unprecedented and abnormal rainfall during 11-13 August. Unlike other years, the flood was not normal and was so devastating and the damage occurred as a consequence of this was so huge that the district was almost pulverized which was never seen before in the history of Alipurduar. According to the severity and impact of the catastrophe, last year's flood is no less than the severe flood in the year 1993 in the flood history of Alipurduar.

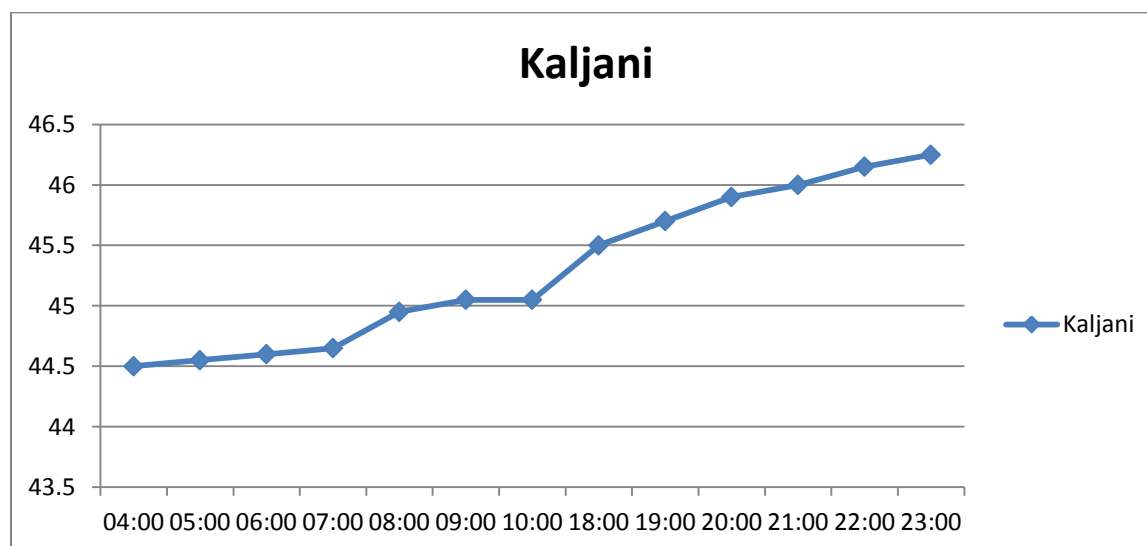
A monsoonal low pressure system started forming in the sub-himalayan region from 8th August 2017 and intensified on 10th August as a deep depression by accumulating cloud from neighborhood area. Then the entire system stopped advancing further because of the position of Himalayan Mountain and started heavy downpour over the places it overcasted after being blocked by local hills. In terms of quantity, some 550 mm (~ 6% of annual rainfall) rainfall occurred only within 11th mornings to 12th night in just 30 hrs which was amazing. As a consequence, roads were disconnected and blocked; near about all Gram Panchayets were inundated, various embankments and guard walls breached due to overtopping, agricultural field were destroyed due to heavy siltation, plenty of fishing pond under different projects became empty.



The Water level of river Kaljani was also a cause of concern because for nearly 7-8 hrs. water level was not going down, rather increasing. The situation was out of control when the water level crossed extreme danger level at 12 midnight. Rainfall and the hourly water level pattern of three major rivers observed on is given below:



Hourly water level of R. Kaljani on 11th August, 2017
(Extreme danger level 45.7 m)



Action Taken:

Under this circumstance, our entire team worked in the flood control room to the fullest extent at a stretch for nearly 96 hrs. to minimize the impact. Round the clock surveillance was going on, relief camps were opened at various places to keep the marooned people under safe custody, gruel kitchen were opened to serve cooked food, medical camps were set up for providing medicine, mechanical water pouches and baby foods were distributed among people stayed at various relief camp, various QRT were deployed for rescue operation.

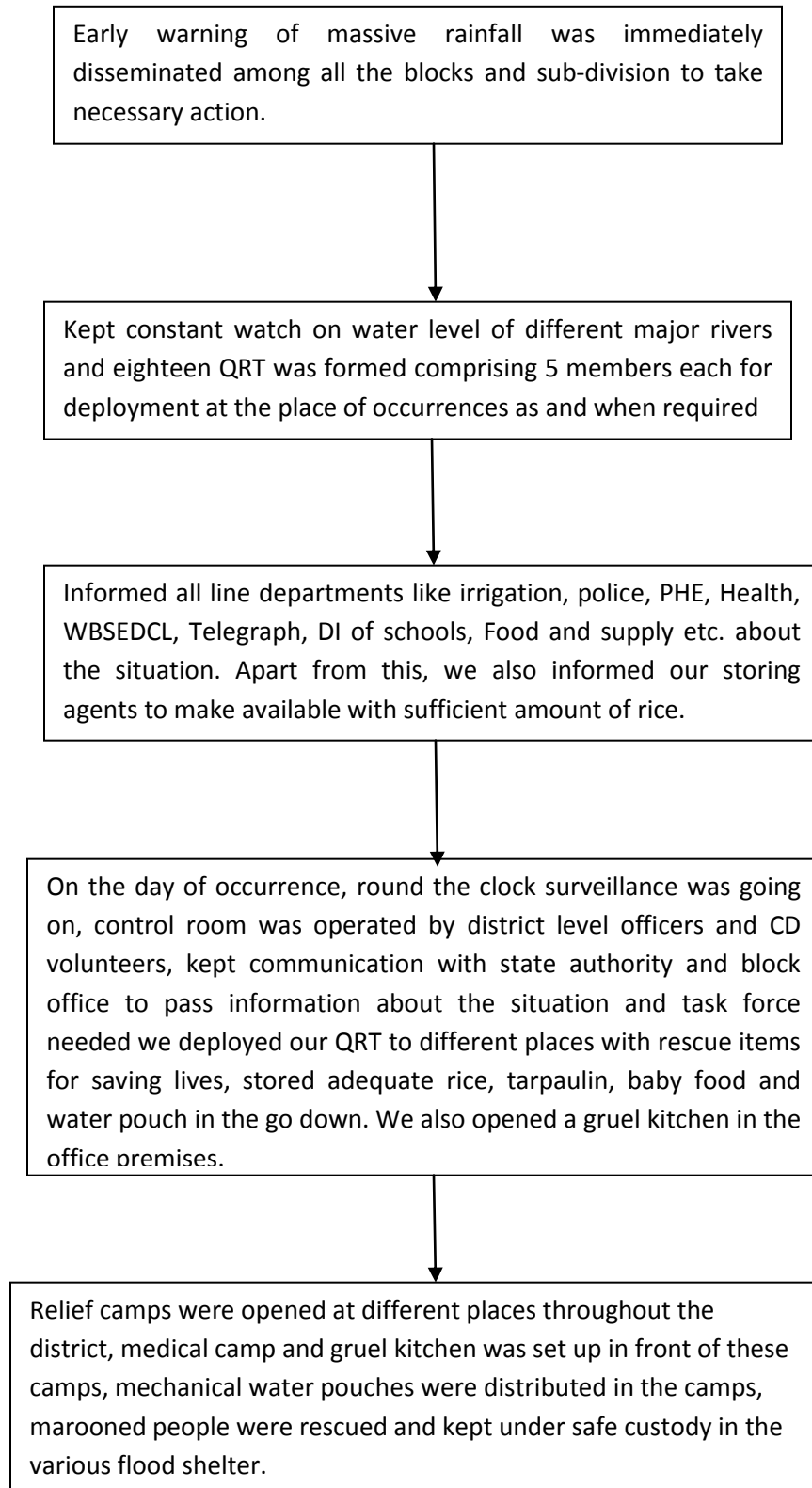
To bring back the situation into normalcy, Block and District administration worked hand in hand. Attention was paid especially to Kumargram, a worst affected block, during the last flood incidence. Keeping stock of necessary relief materials, patrolling the affected villages in different corner to meet the demand by formation of vigilance team, getting feedback from the indigent and distressed people etc. were the few steps taken from the end of Block administration. District authority, on the other hand, were also alert in this situation and was ready with the support team and rescue materials and was looking after the municipality area. Some initiatives has been written below elaborately,

1. At the initial stage, district EOC was ready with water wing personnel and civil defense volunteers to monitor the situation, later on local SSB wing joined in this operation.
2. Hourly water level data of major rivers like Torsa, Rydak-I, Rydak-II, Sankosh and Kaljani was being provided along with the rainfall forecast by the irrigation department.
3. A special team was deployed by the district at Kumargram Block from the district to cope up with the crisis situation as the calamity was threatening to spiral out of control.
4. Relief camps were opened at blocks where houses were flooded and people were provided with food and other amenities.
5. A requisition has also been placed to the state authority for deployment of a NDRF team.
6. Quick Response Teams and Incident Response Teams were activated at all blocks.

In addition to this, necessary support and assistance came from different line departments like irrigation, police, PHE, PWD, Food and Supply, health etc. Here is a closure look:

Department/Stakeholder	Phase	Activities	
Police	During Disaster	Helped in restoring law and order, maintained road traffic system properly.	
PHE	During Disaster	Supplied sufficient number of mechanical water pouch for relief camp.	
Health	During Disaster	Installed medical camp and supplied medicine to the distressed peoples at various places.	
Food and Supply	During Disaster	Kept closure watch to the stock of materials	
Civil defense	During Disaster	Deployed 18 numbers of QRT comprised of 5 CD volunteers each at different vulnerable places throughout the district.	
PWD	Post Disaster	Identified the places where damage of road and other construction took place and repaired immediately.	
Irrigation	During and Post disaster	During disaster	Supplied water level variation of different rivers
		Post disaster	Identified the places where embankment/ guard wall breached due to over topping and repaired immediately.
Block administration	Pre, during and post Disaster	Pre disaster	Helped in various training and mock drills.
		During disaster	Communicated with various stake holders and district authority to disseminate information related to emergency situation. Also helped in running flood control room at the block level successfully.
		Post Disaster	Helped in making various damage assessment reports.

We followed the flow of action mentioned below:



Chapter 10

RELIEF AND RESCUE MEASURE

Disaster Management activities are incomplete without proper relief and rescue work. Mere facts, figures and documentation are not enough to fulfill the entire gamut of disaster management if there is no relief and rescue operation provided by this wing at the time of need. During any disaster, a people may be affected by a number of factors like drowning, unsafe drinking water, contamination of food, unhygienic condition, electrocution, fallen debris etc. Emphasis should be given to support these marooned and distressed people to the fullest extent. Therefore relief and rescue work is the cornerstone of disaster management. Timely response can save thousands of lives and can solve many problems.

Relief work:

We receive various relief measures from SDMA periodically in terms of perishable and non-perishable relief material, gratuitous fund or food staff. After keeping aside the district quota, we re-distribute the same among various blocks and sub division. Not only that, we check the stock of available relief materials and report the same to the SDMA on fortnightly basis. Apart from this, we have authorization of providing special relief assistance like supplying DM kits, mechanical water pouch, chira and gur, baby food etc. during any emergency to the indigent people in relief camp or flood shelter. We have our own relief godown at every individual administrative level for stock piling the materials under safe custody. Beside this, we have permanent and temporary flood shelters throughout the district where people can stay during emergency.

Relief measure

During last flood, nearly 3.5 lakh people were affected in the entire district. Blocks like Alipurduar-I, Falakata and Kumargram along with municipality area were severely damaged. Almost all the earthen houses situated beside the bank of river Kaljani, Torsa and Sankosh were destroyed and people became homeless. As a consequence, several relief camps were opened for keeping the indigent people under safe custody.

Block/Municipality	Affected places	People affected (approx.)	Relief camp opened	People stayed at camp
Municipality	Ward no. 1-20 (severely affected 5,8,9,11,15,16,17,18), remaining 12 wards are water-logged only for three days.	25,000 approx. 2 people died (One drowning and one electrification)	162 numbers	1.5 lakhs (approx.)
Alipurduar-I	Chokowakheti—One person died because of drowning due to flood occurred on 10.07.17 11 GP affected namely Mathura, Tapsikatha, Parerpar, Banchukumari, Vivekananda-I, Vivekananda-II, salkumar-I, salkumar-II, Purba Kathalbari, Patlakhawa, Chokowakheti.	15631 approx. 3 people died (2 people died due to drowning, one people due to snakebite)		
Alipurduar-II	Jayantitola, Joypur, Jitpur, Chhoto pukhuria, Baro Pukhuria, Majerdabri, Samukhtala, Chaparerpar-I, Mahakalguri.	880 on 10.07.17 8500 on 11.08.17 to 13.08.17 (1 people died due to drowning)		
Madarihat-Birpara	Madhya Khairbari, Uttar Chekamari, Turipara, Baro tower, Paschim Khairbari, Islamabad, Ramjhora, Jamtala, Totopara-Ballalguri, Madarihat, Birpara-I, Sishujhumra, Rangalibazna.	5000 on 11.08.17 to 13.08.17 (1 people died due to drowning)		
Falakata	Salkumar, Dhanirampur-II, Dhanirampur-I, Jateswar-I, Jateswar-II, Falakata-I, Falakata-II, Dalgaon, Guabarnagar, Moiradanga.	12,510 on 11.08.17 to 13.08.17 (1 people died due to drowning)		
Kumargram	Hatipota, Kaljani basti, Turturi Div., Purba salbari, Bishnunagar, Uttar Pakriguri, Dakshin Pakriguri, Majherdabri. minor earthen roads damaged in Kumargram	2000 –one person died due to drowning		
Kalchini	Jaigaon – I, Jaigaon-II, Dalsingpara, Mendabari, Chuapara, Malangi, Rajabhatakhawa, Garopara, Satali and latabari.	5350		

Sufficient amount of Chira & gur distributed among distressed people at the water logged areas. Cooked Gruel meals were provided at the Relief camps. Tarpaulin sheets and other necessary relief materials such as baby food, drinking water pouches, spl. GR rice, children garments and contingency fund were also being provided. The details of the relief material distributed during the emergency situation are written below:

Materials	Quantity
Rice	4612 qtls.
Chira	2200 qtls.
Gur	720 qtls.
Water Pouch	2,14,700 pouches
Baby food	16000 pkt.
Clothing (Saree, dhuti, Blanket, Children garments, Lungi, Salwar kamiz, wrapper)	9800 pcs.
Blanket	1100 pcs.
Halogen tablet	116933 nos.
ORS	180000
Bleaching	1068 kg
Disinfect tube wells	9914
Tarpaulin	17000 pcs.



Rescue work:

No other activity is as important as to save and rescue life from natural calamity. Different calamity is of having different nature and hence the aftermath. So the technique of response and rescue varies according to the situation. Any negligence from the end of rescue team may turn into a huge loss to the society. To execute the entire rescue procedure carefully, well-trained young volunteers are required who can respond promptly with sufficient rescue materials as per need. We have a total of 966 number of trained civil defence volunteers throughout the district. The block and municipality wise distribution of the same is something like this:

Area	Number
Municipality	307
Alipurduar-I	226
Alipurduar-II	149
Kumargram	125
Falakata	18
Kalchini	80
Madarihat	61

They are all diligent, energetic and enthusiastic in nature and have the basic knowledge of rescue and first aid. Among them, 31 personnel are trained SCUBA diver who can save the life of a person from drowning during water logging condition. Some of them participated in the regional fire fighting course to learn about response strategy during any fire emergency. Another set of volunteers attended refresher course at Hatikisha, Siliguri.

It is needless to say that during any unforeseen event, the necessary support and help at primary level is being provided by the local people. Keeping this in mind, Civil defense section has started the initiative of providing 5 day basic training program at block level. Topics like Disaster risk management, rescue procedure from different scenario like fire, flood, earthquake etc, and providing basic first aid to the victim is being taught in this course curriculum.

Apart from these activities, our CD volunteers are associated with different types of societal work like manning awareness camp, providing support in any medical camp, parade on some special days like 26th Jan, 15th Aug etc. They also provide necessary support to the district administration as and when required.

Only rescue force is not enough to save life from a catastrophe and it is practically impossible for a person to confront any challenge in empty hand if there is no rescue material. That is why our civil defence wing has acquired various items like life jacket, sledge hammer, rope, ladder, helmet with and without led light, search light, floating buoy, INF boat, country boat etc. One set of said items has also been distributed among all the Blocks well in advance. Apart from these, we have full set of SCUBA diving sets. These are:

Instruments	Quantity
Full SCUBA diving set (Regulator, Pressure gauge, Depth gauge, Demand Octopus)	2
Luxfer Aluminium Tank	4
Fins (Open Heel)-Pairs	2
Mask	2
Snorkel	2
Weight Belt	2
<i>Weights Unit</i>	4
<i>Rope-0.75 inc (Nylon) –50 mts.</i>	2
<i>Diver's knife</i>	2
<i>Mouth Piece</i>	20
<i>Face Mask Strap</i>	20
<i>Breathing Air Compressor</i>	2
<i>Country boat</i>	5 pics.



Rescue measure

A heavy rainfall warning came from IMD as well as Central Water Commission in the form of bulletin on 8th August. Without wasting much time, we circulated the information among various line departments and Blocks to take necessary action. On 10th August, when the catastrophe was almost round the corner, we prepared 18 numbers of groups of civil defense volunteers consisting of five personnel each in advance. In addition to this we made ready with our country boat and INF. From 11th morning, we kept close watch on rainfall and water level of different rivers for disseminating the same to various stakeholders. The nightmare came at 11th night when water level of Kaljani River crossed the red level (extreme danger level) and guard wall breaches due to overtopping. On the vary night we deployed various groups of volunteers and SSB personnel to different places under threat. They tried their level best to rescue several lives. Later two NDRF team came and joined in this work. 3 numbers of INF & OBM and 5 numbers of country boat has been used for rescuing people in Kumargram Block, Alipurduar-I, Madarihat and Municipality area from the end of the district. Others Blocks arranged from their own. The details of rescue team have been written in tabular format:

SI No	Rescue Team	No of Rescue Teams deployed	Period of Deployment
1	NDRF	2 teams of 40 personnel each	13-08-17 to 14-08-17
2	SSB	3 teams of 30 personnel each	11-08-17 to 13-08-17
3	Civil Defense	30 teams of 5 persons each	11-08-17 to 15-08-17



Chapter 11

POST DISASTER DAMAGE ANALYSIS

After a disaster take place, the most important task is to analyses the loss and damage due to the event in terms of money for speedy recovery and to bring back the situation into normalcy. The sectors which may get affected due to any natural calamity are Irrigation, PWD, Agriculture, Animal Resource, Food and Supply, WBSEDCL, Telegraph etc. Few common type of losses and damages are loss of human life, building collapse, road damage, uprooting of electric pole, embankment breaching, destruction of fishing pond, demolishing of culvert and wooden bridge etc. Various departments look after their sectoral damage and prepare a report regarding the same after a major calamity takes place. The reason behind damage analysis is speedy recovery from a disastrous situation. There are various methods which are generally adopted to perform this task. Conducting meeting with all line departments and elected members, filling up questionnaire by taking the inputs from community members etc. are some traditional methods among a few.

Immediately after the severe flood last year, we conducted various meeting regarding post flood damage assessment with different stakeholders and line departments to chalk out the plan for speedy recovery. Several important decisions were taken by the board members on spot. Beside this, state authority communicated through video conference periodically to know the actual situation and send a team from IAG group for Joint Rapid Need Analysis (JRNA) after the catastrophe. IAG group members extended their helping hand in this task in collaboration with district authority. They broke up into several teams as per their need to visit different nook and corner of the district where major damage took place and prepared a damage report from their side for the state authority. Apart from this, another damage report was prepared from the end of district authority for the central team after a careful compilation.

The major sectoral damages that the district experienced last year, has been written below:

- Almost all mud houses situated in the river bank in an unprotected area were washed away.
- Most of the bank protective guard-walls were breached due to overtopping,
- Significant numbers of motorable roads were destroyed.
- Good amount of crop area as well as tea garden were damaged.
- Various fishing pond were damaged and became empty as all fishes under various project funded by fishery department went away with the flow of water.

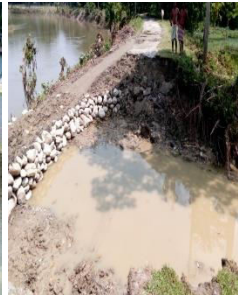
The synoptic report of damage has been mentioned below:

Administrative damage	
No. of GP affected	66 (53 GP were severely affected)
No. of mouza affected	212
No of wards affected	20
Irrigation	
No. of embankment breached due to overtopping	6

Length of damaged embankments	5.4 KM	
Length of damaged bank protective wall	7.54 KM	
PWD		
Length of damaged motorable road	512.016 km.	
No. of damaged culvert	268	
Fisheries		
No. of pond affected	1695	
Water area affected	231 hec.	
Fish destroyed	1515 Qtl.	
PHE		
Water pouches distributed during emergency	2,14,700	
Disrupted tube well	Not reported yet	
Agriculture		
No. of affected mouza where crop damaged	221	
No. of affected mouza where 33% crop damage took place	48	
Crop area damage	7588 Ha.	
Forest		
Damaged roads under forest	23 km	
Loss of forest trees and siltation	21.5 hector	
Damaged grassland	8.5 hector	
Water pipeline	5 km	
No. of people died	Municipality	2
	Alipurduar-I	3
	Alipurduar-II	1
	Madarihat	1
	Falakata	1
	Madarihat	Nil
	Kumargram	Nil

Total cost (*approx.) of recent damage including expenditure of cost bearing for rescue and relief purpose has been written below:

Cause	Amount	
Irrigation	1,76,100,000/-	
PWD	6,24,512,000/-	
Fishery	43,900,000/-	
PHE	Not reported yet	
Agriculture	2,27,585,000/-	
Forest	8,483,000/-	
Search and rescue	9,43,497/-	
Cost incurred due to various post flood activities	Clearing debris from public place	12,46,000/-
	Drainage off flood water	27,50,000/-
	Disposal of dead bodies	2,20,000/-
Total = 1,085,739,497/- (Hundred and eight crore fifty seven lakh thirty nine thousand four hundred ninety seven only)		



ANNEXURE

SCIENCE & TECHNOLOGY AS MITIGATION MEASURE

We cannot prevent natural hazard but systematic approach and early warning can save our society from major damage later on. Science and technology is advancing so faster that what we can think of today, was practically impossible even a decade ago. So early warning on time about any natural hazard takes place, is a boon of technology and an essential tool for better preparedness. Various nodal agencies are responsible for early warning dissemination due to different natural hazards. The list is mentioned below:

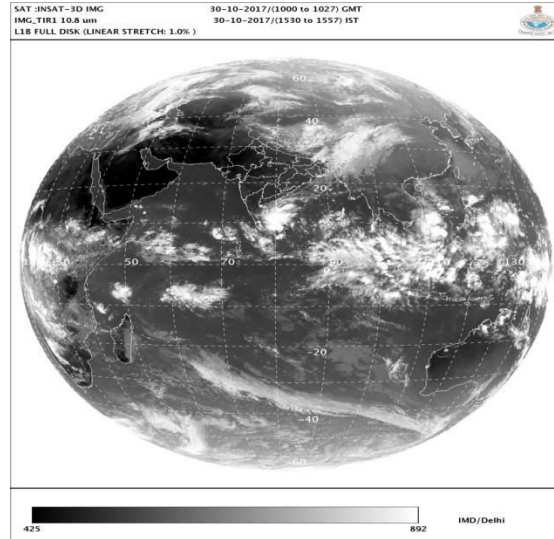
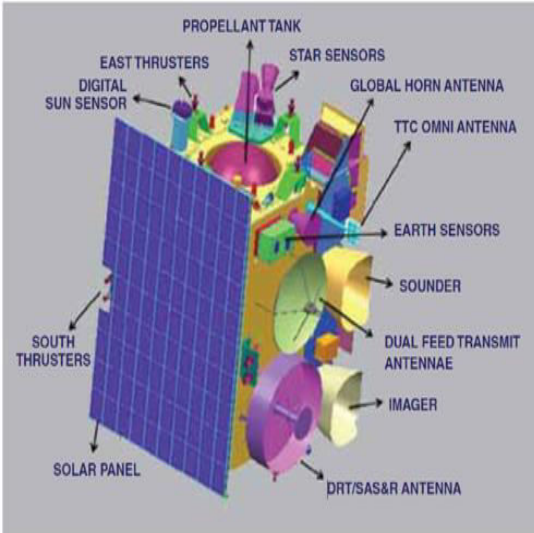
Name of the hazard	Nodal forecasting agency
Heavy rainfall, cyclone, cloud burst, heat and cold waves, drought, earthquake.	IMD
Tsunami, coastal hazard, high wave alert	INCOIS
Flood and flash flood	CWC
Landslide	GSI
Snow and avalanche	Snow and Avalanche Study Establishment

Gone are those days when we had to depend only on radio for weather forecast. Now the scenario has changed and people are receiving warning messages in their personal mobile; beside this there exist numerous android applications for weather forecasting. MOSDAC (<http://www.mosdac.com>) is one such authentic app, developed and maintained by SAC and NRSC.

Various scientific instruments

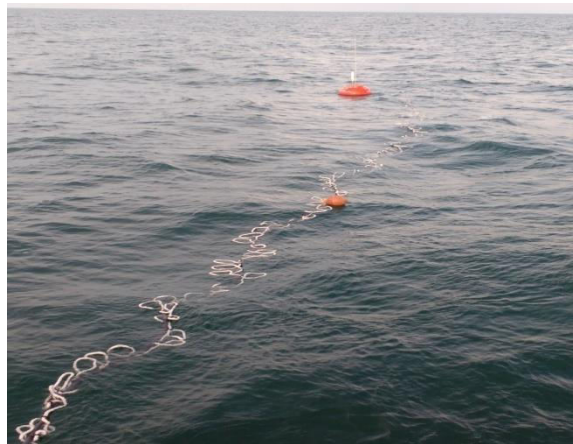
INSAT satellite

INSAT satellite gives various information regarding weather parameters like cloud cover, relative humidity etc. Most common output is cloud patches, called INSAT 3d-image, from which we can infer the movement of cloud. It captures the images in every three hours interval.



Wave Rider Buoy (for high wave and Tsunami alert)

High wave and Tsunami is a oceanic phenomena and occurs due to some other reasons. Tsunami happens due to underwater earthquake and high wave occurs due to storm or Tsunami. Wave rider buoy is the instrument to measure wave height; it is generally installed at the midst of ocean and sends in situ data through HF antenna.



Automatic weather station

AWS is a collection of sensors installed together in a single frame mostly to gather atmospheric parameters like relative humidity, rainfall, wind speed and direction, soil moisture, soil salinity etc.



Lightning detector

Lightning is a dreadful occurrence and it does not give a single moment to the victim for escape. Every year lot of people die due to thunderstruck. The instrument, lightning detector can predict storm and lightning with a spatial accuracy of 250 km buffer zone and temporal accuracy of 45 minutes and by this we can save numerous lives.



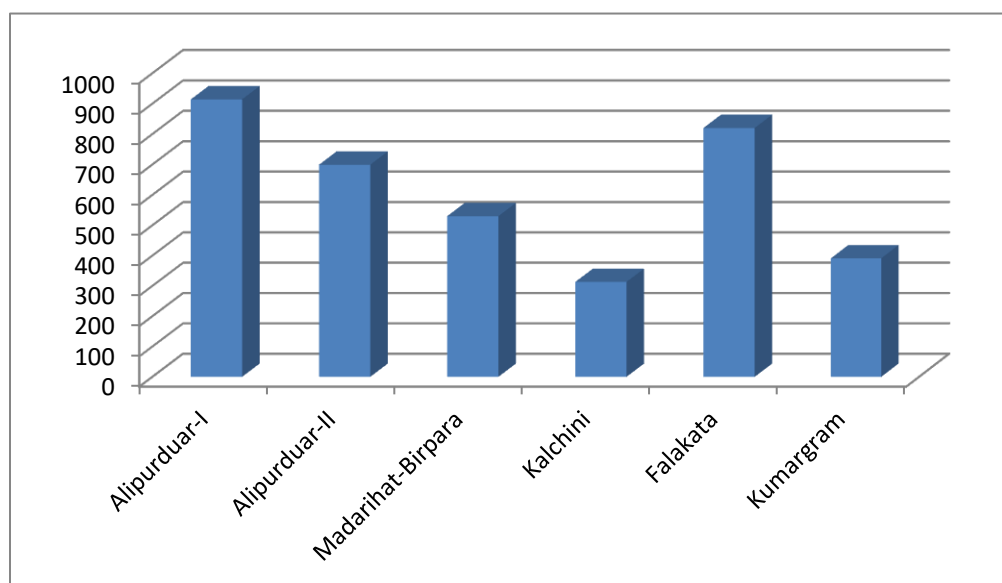
Radar Tide Guage (RTG)

Tide is a deterministic phenomena which can be detected by RTG. Mostly the fisherman community depends on high tide and low tide. They usually sail for venturing into the sea at the time of high tide.

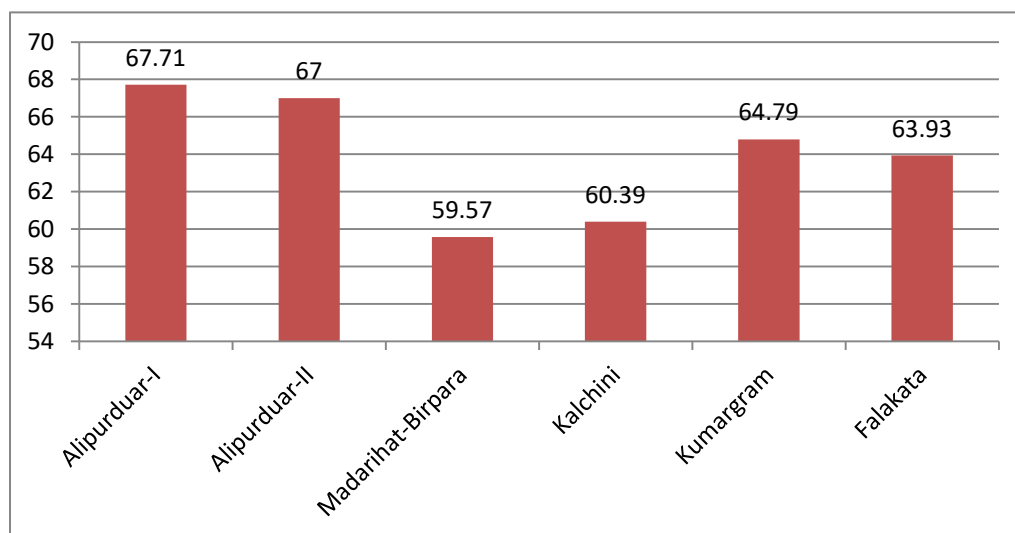


DISTRICT LEVEL STATISTICS

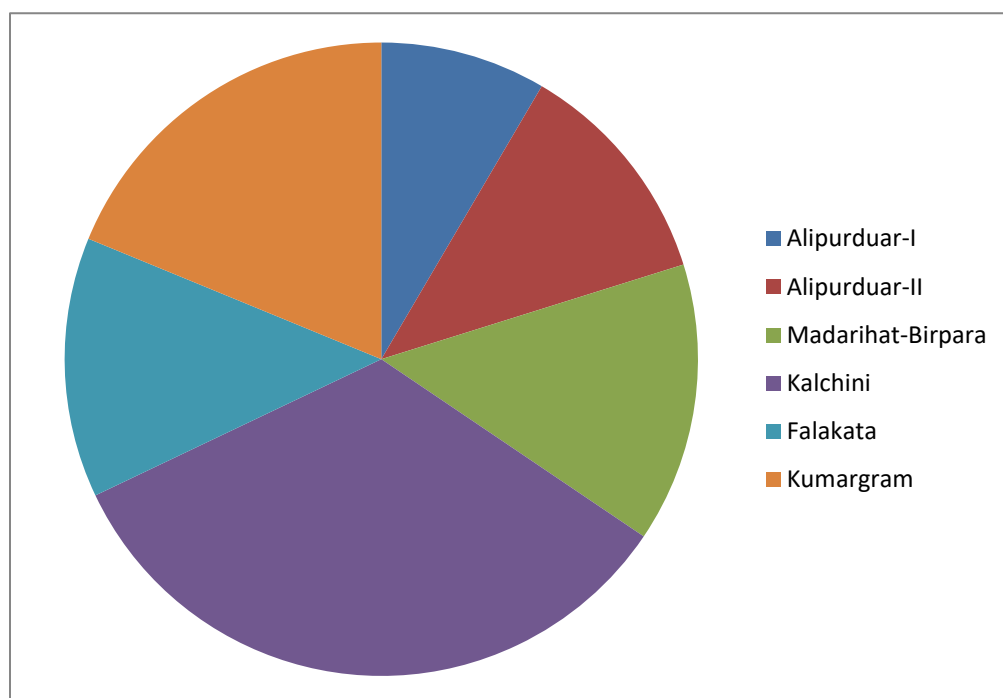
Population Density (per km²)



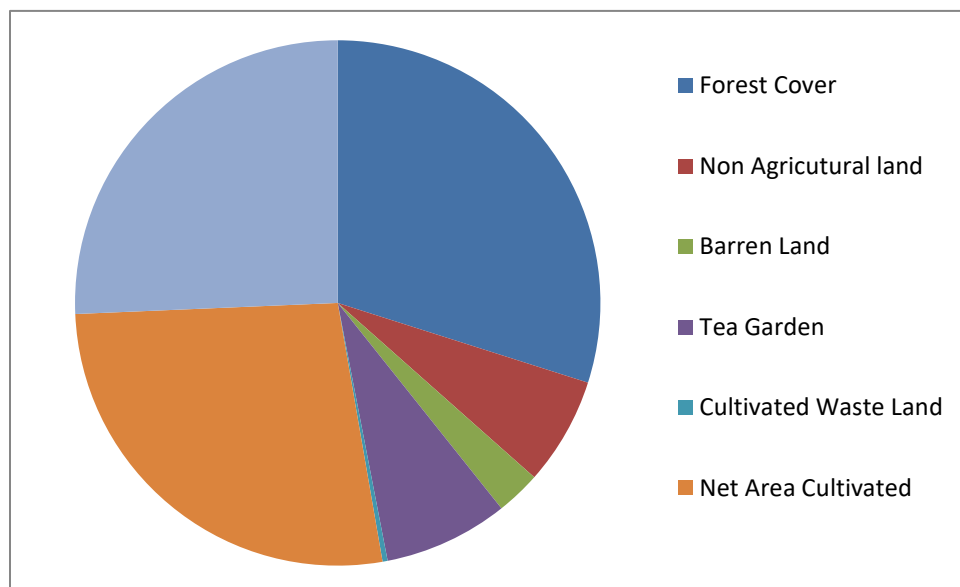
Literacy rate (%)



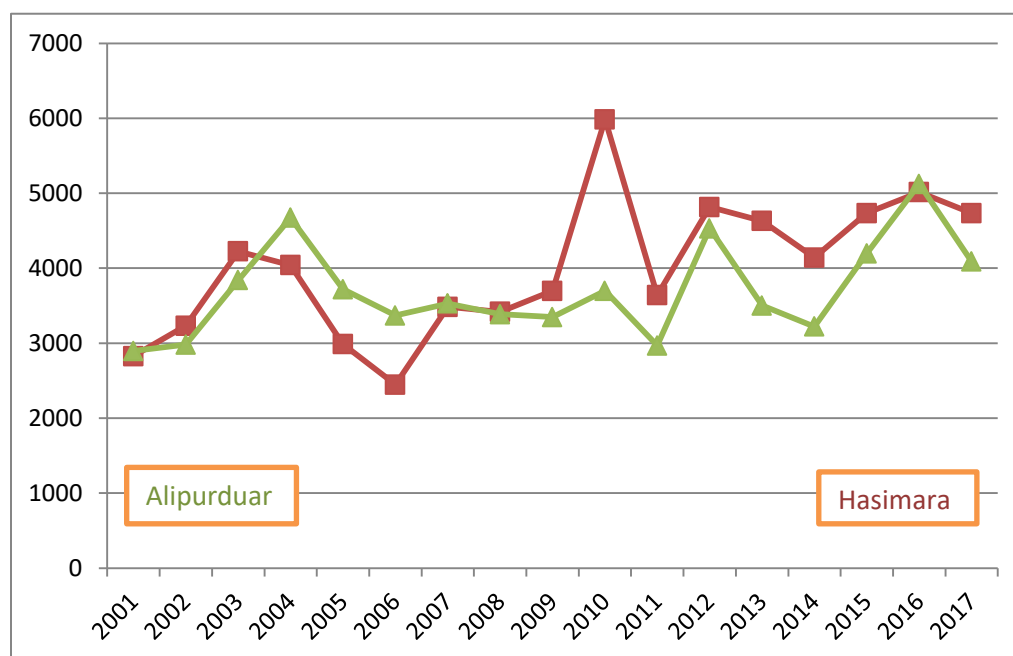
Blockwise Area distribution



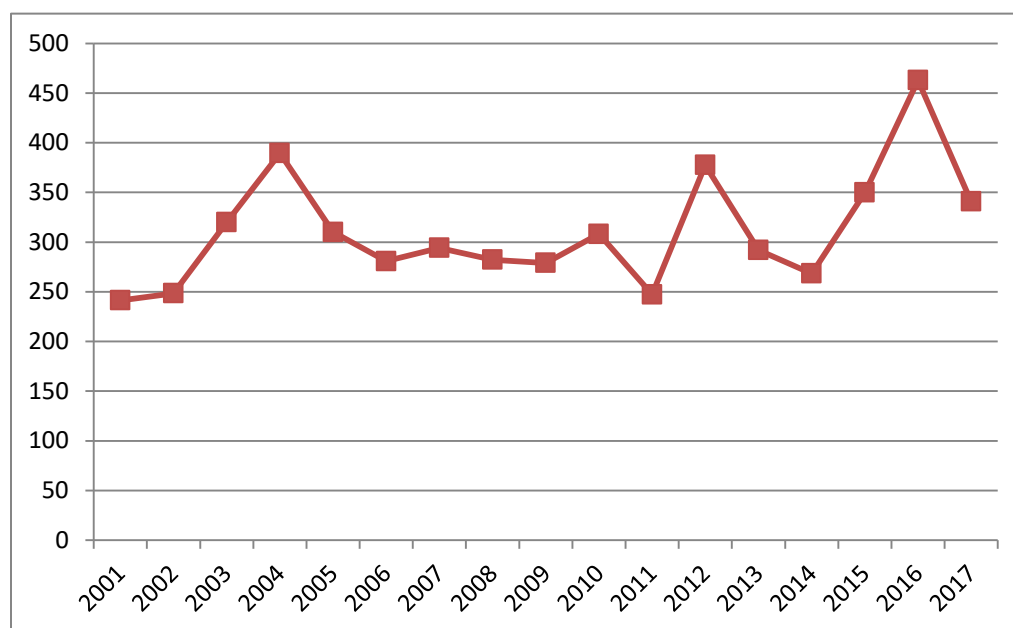
Agricultural land use pattern



Annual cumulative rainfall (2001-2017, mm)



Annual average rainfall (2001-2017, mm)



Our achievements at a glance

- ❖ We have refurbished our Emergency Operation Centre and Flood Control Room with state-of-the-art equipments and necessary rescue materials.
- ❖ We have constructed District Disaster Management Authority (DDMA).
- ❖ Various training and Mock Drill has been conducted for different target group throughout the year.
- ❖ We organized an awareness stall in Dooars Fare 2017.
- ❖ We have institutionalized Incident Response System (IRS).
- ❖ We have started the initiative to train local boys and girls as civil defense volunteers to make QRT network stronger.
- ❖ We have cleared a good amount of ER grant (126) case to the beneficiaries throughout the district.
- ❖ A model school safety preparedness manual has been prepared for training of school teachers.
- ❖ We have identified the patients suffering from TB at block level and started distributing GR rice to them.
- ❖ We have initiated the action to upload our capacity, resources and training to emergency planning software Previster CPS.
- ❖ We have met up all the long pending audit query report successfully.



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