

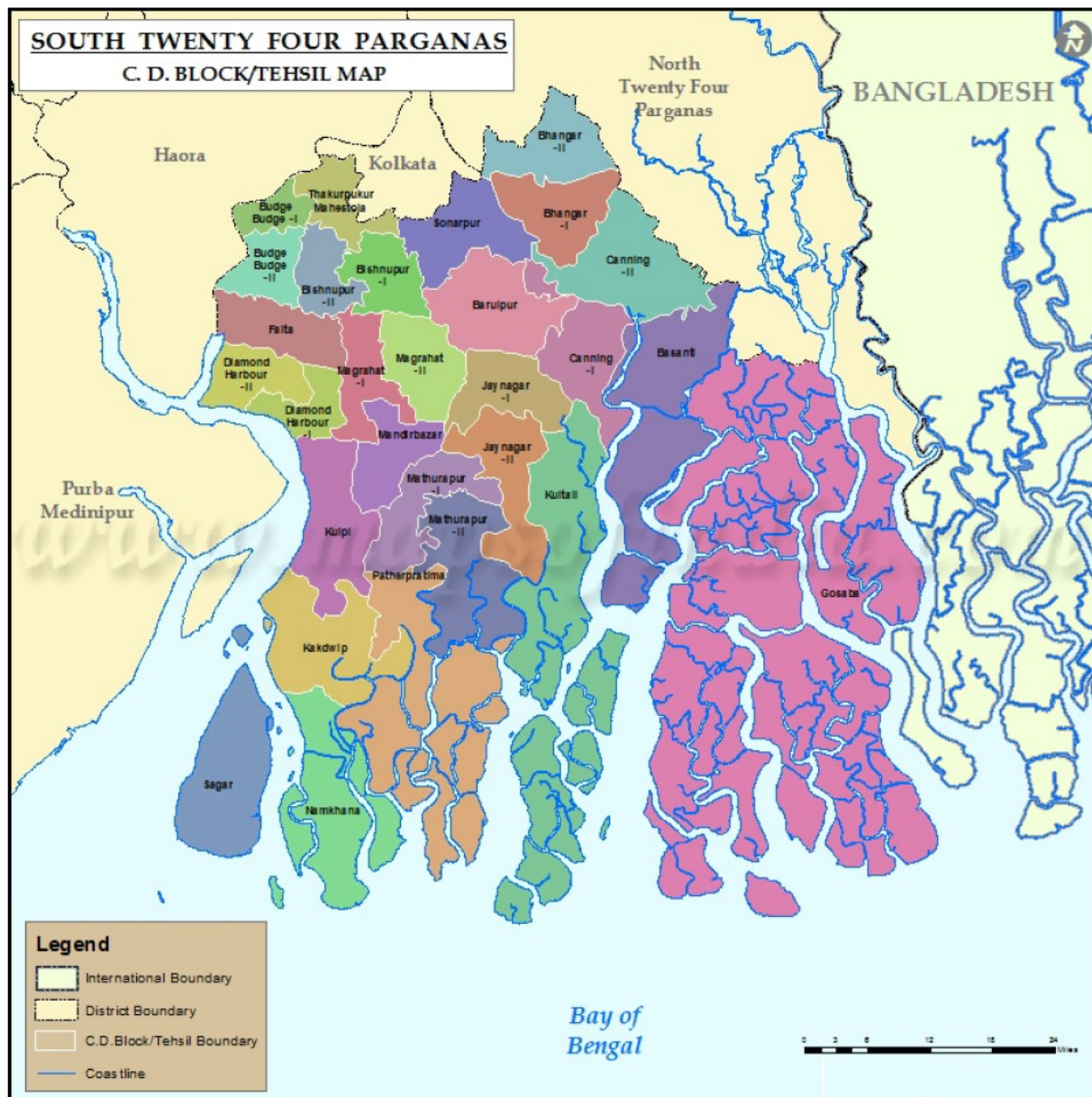


# District Disaster Management Plan-2023, South 24 Parganas



**GOVERNMENT OF WEST BENGAL  
OFFICE OF THE DISTRICT MAGISTRATE, SOUTH 24 PARGANAS  
DISTRICT DISASTER MANAGEMENT SECTION**

# Administrative Blocks of South 24 Parganas District



**Government of West Bengal**  
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## PREFACE

Disaster Management Act, 2005 mandates for the development of District Disaster Management Plan for every districts of the country. The plan of today marks a shift from a mere response based approach to a more comprehensive Preparedness, Response and Recovery approach in order to negate or minimize the effects of several forms of hazards by preparing better.

The differences in geographical characteristics and climate conditions changes the impacts and type of hazards in every district and also, within the district. In order to better deal with this, it necessitates making good assessment of the Hazards, Vulnerabilities and Capacities in different parts of the district. Finally, a very comprehensive Hazard, Vulnerability, Risks and Capacity Assessment (HVRCA) were conducted by the District Administration of 24 Parganas (South).

Situated at the funnel shaped bay head in the eastern sea board of India, South 24 Parganas, the largest District of West Bengal is a home of more than 81 (eighty-one) lakh people and hundreds of species of animals, birds and plants. Owing to its unique geographical locations, the entire Sundarban Biosphere reserve and 13 thickly populated riverine Blocks of the District are under constant threat of powerful norwester, Bay Cyclone, Tidal surges constant changes of courses by the numerous distributers in the active part of delta and obviously flood. The basin like Islands till date is protected by long embankments which are very old and are being weakened everyday by the currents that scour at their dresses and tidal surges coupled with strong winds. It is basically a district of Islands interspersed by many streams and innumerable tributaries and fearfully wide tidal creeks.

The district of South 24 Parganas is vulnerable to disasters - both natural and man-made. Contiguous to the district of Kolkata, it has a unique urban-rural continuum in its human settlements. At one end of the scale we have forty one wards of the Kolkata Municipal Corporation and at the other end there are remote islands deep in the Sundarban. In between there are municipalities, blocks, villages and scattered hamlets.

Keeping all this in mind it is necessary to prepare the Multi Hazardous Disaster Management Plan that would help in crystallizing our vision to combat any coming disaster. We have tried to present frequently required data, contact information to have a clear picture of requirement level of preparedness to combat any crisis. We have intended to be easily comprehensible and useable –we hope to have succeeded. I would like to convey my sincere thanks to Sri Siyad N., IAS, Addl. District Magistrate (Disaster Management), Sri Ritwick Hazra, WBCS (Exe), Officer in Charge of District Disaster Management Department and Sri Bamapada Kundu, District Disaster Management Officer, South 24 Parganas who have worked in the background liaison between different departments arranging for meetings and also the Disaster Management Department of the Collectorate.

However, in spite of these threats and weaknesses the people know that they will have to live with the disaster and they have the will force and unchanging determination to combat any disaster side by side with the administration and that is our main strength. We believe that it will fulfill its objective of acting as a ready reckoner and the best documents for managing disaster.

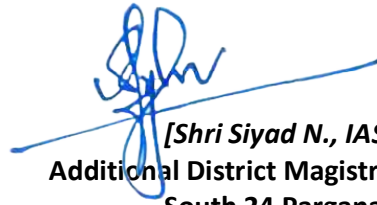
  
[Shri Sumit Gupta, IAS]  
District Magistrate  
South 24 Parganas



## ACKNOWLEDGEMENT

As a part of the ongoing programme under the overall supervision of the Department of Disaster Management, Government of West Bengal; it was imperative upon us to prepare a comprehensive District Disaster Management Plan. The plan envisaged to spell out proper guidelines to the various aspects of the Disaster Management Programme as well as to act as a ready reckoner and handy reference for the preparation of the Sub-division, Block, Gram Panchayat and Village level disaster management plans. It would also give the necessary inputs as to how to react to a disaster in case of line departments and to let out in clear terms the trigger mechanism to be adopted under any condition of sudden disaster.

This year, keeping in view preparing ourselves against different types of disaster, we have prepared the Multi Hazardous Disaster Management. Hope this will be of assistance to those working for the mitigation of disaster in different spheres of society.



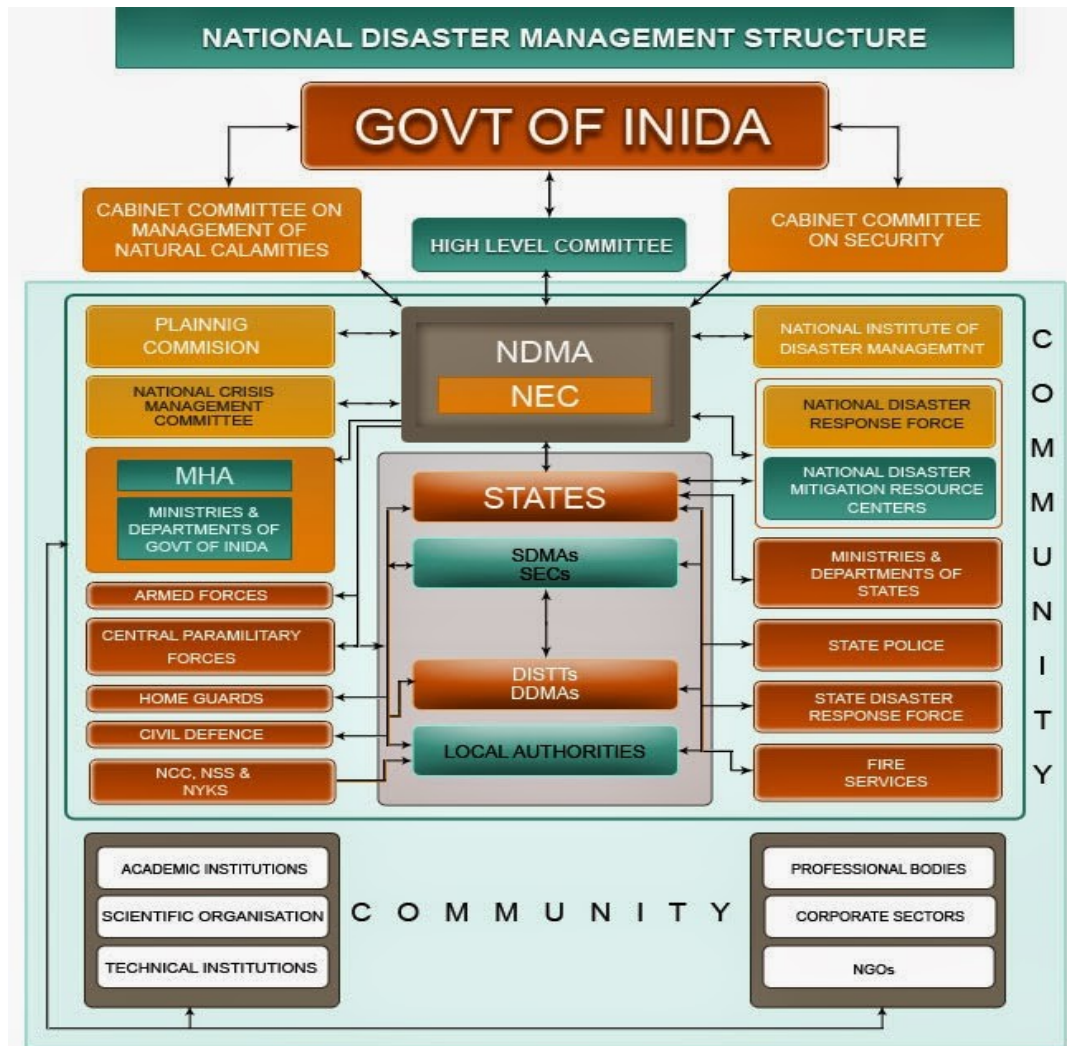
**[Shri Siyad N., IAS]**  
**Additional District Magistrate (Gen )**  
**South 24 Parganas**

## Chapter I: Introduction

Disaster management is a synergic approach where all the stakeholders should act in a collective way. District Disaster Management Cell is the coordinating unit within the District which connects all the line Departments in the Pre – During and Post Disaster Situation.

South 24 Parganas is such a District in the State which covers both Urban as well as revirine Sunderban Islands where life and livelihood of the population is different.

### Organizational Structures and Committee of NDMA, SDMA and DDMA:



The Sendai Framework is a 15-year; voluntary, non-binding agreement which recognizes that the State has the primary role to reduce disaster risk but that responsibility should be shared with other stakeholders including local government, the private sector and other stakeholders. It aims for the following outcome:

*The substantial reduction of disaster risk and losses in lives, livelihoods and health and in the economic, physical, social, cultural and environmental assets of persons, businesses, communities and countries.*

## Chapter II

### Methodology for Action

#### Process and Methodology Followed

National Disaster Management Authority (NDMA) has developed an indicative template to frame and process District Disaster Management Plan. District Disaster Management Authority, 24 Pargans (South) is working to develop the plan in a more inclusive manner. The term 'inclusive' points to a wider community outreach, greater ownership by district's administrative officers and institution based focus to address safety issues. Here, in South 24 Parganas, the process also included Civil Society Participation in consultation with District Inter Agency Group, District Child Protection Unit and other stakeholders who are directly working with vulnerable sections like Children, Women and Differently abled population.

Last year in the District piloted projects like Child Protection in Emergency, Nurtition in Emergency, Risk Informed Gram Panchayet Planning and Child Risk Impact Analysis in selected blocks of the Districts were implemented in collaboration with the GO NGO model.

The DDMP process is thereby bringing legitimacy to the entire process. The entire process was divided into three phases as [Predisaster activities](#), [during disaster activities](#) and [post disaster activities](#) which were mainly focused on the following parameters:

- Disaster Preparedness
- Disaster Risk Reduction
- Hazard, Vulnerability, Risks and Capacity Assessment.
- Disaster Response
- Recovery and Evacuation

The Disaster preparedness component of the District Disaster Management Plan is the most critical one which has been focused after framing of the Disaster Management Act, 2005. It focuses on mainstreaming disaster risk reduction (DRR) in development planning by streamlining disaster sensitivity in development projects implemented through various programmes and schemes.

In the scenario where funds are limited and projects sites have to be chosen within the district, there disaster preparedness also underlines the need for selecting project sites keeping vulnerability quotient to disasters in view. Thus, it suggests prioritizing project selection sites based on this factor. This plan helps us to play pro active role towards saving life and livelihood of the most vulnerable communities along with women and child protection principles during any adverse situation.

Preparedness plan also focuses on building awareness and building capacities through training of both community and administration to better respond to disasters. The training imparted is also to build capacities to implement such projects that can be useful to prevent disasters or mitigate risks. This plan help us to mapping of Resources which can be tagged with preparedness and mitigation approach.

Finally, focus is also paid on building resilience community to deal with disasters by improving coping mechanisms and enhancing existing and diversifying to new source of livelihoods to decrease potential risks that poverty throws at communities.



The **preparedness** plan should include the following activities:

- **Effective Communication System Networks**
- **Preparedness by General Staff of the department and associated all the stake holders.**
- **Procurement, Inventory, Transportation & Distribution Management**
- **Setting up of Civil Defence**
- **Establishment of Emergency Operation Centre (EOC)**
- **Identification of Stakeholders for Disaster Response**
- **Early Warning System (EWS)**
- **Awareness, Training & Capacity Building**
- **Emergency Support Functions and Preparedness**
- **Crowdsourcing and Media Management**

One of the main objectives of a **Hazard, Vulnerability, Risks and Capacity Assessment (HVRCA)** is to enhance the understanding of the district administration and other stakeholders on the priority areas that need attention when it comes to disaster risk reduction and thus to sustaining previous developmental achievements as well (District Disaster Management Plan (DDMP) Model Framework by National Disaster Management Authority (NDMA)).

To assess the HVRC effectively, first we should identify the type of hazards, its periodical overview and direction. Therefore, predict and monitor its vulnerability and potential risks over social, Environmental and Economical point of view and finally, establish a set up for capacity building. The inter-relationship between Hazards, Vulnerability and Risks are depicted in the below figure.

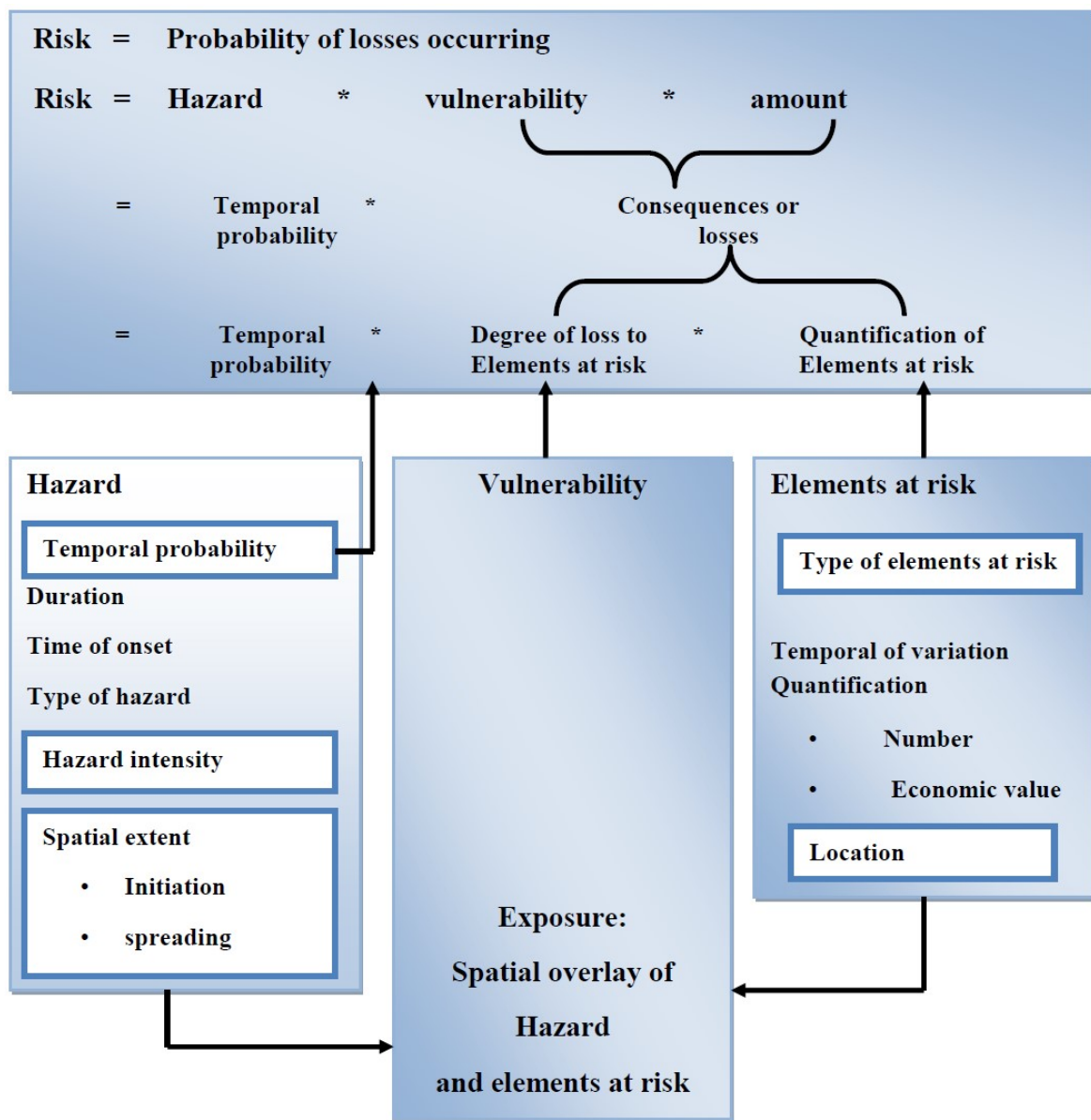


Fig: Inter-relationship between Hazards, Vulnerability and Risks

The final goal of HVRCA is to assess, monitor and reduction of disaster risks and improving coping capacity in terms of structural and non-structural measures that focuses on emergency preparedness (e.g. awareness raising, early warning systems etc), inclusion of risk information in long term (land use) planning and evaluation of most cost-effective risk reduction measures. In the entire risk management framework, spatial information plays a crucial role, as the hazards are spatially distributed, as well as the vulnerable elements-at-risk.

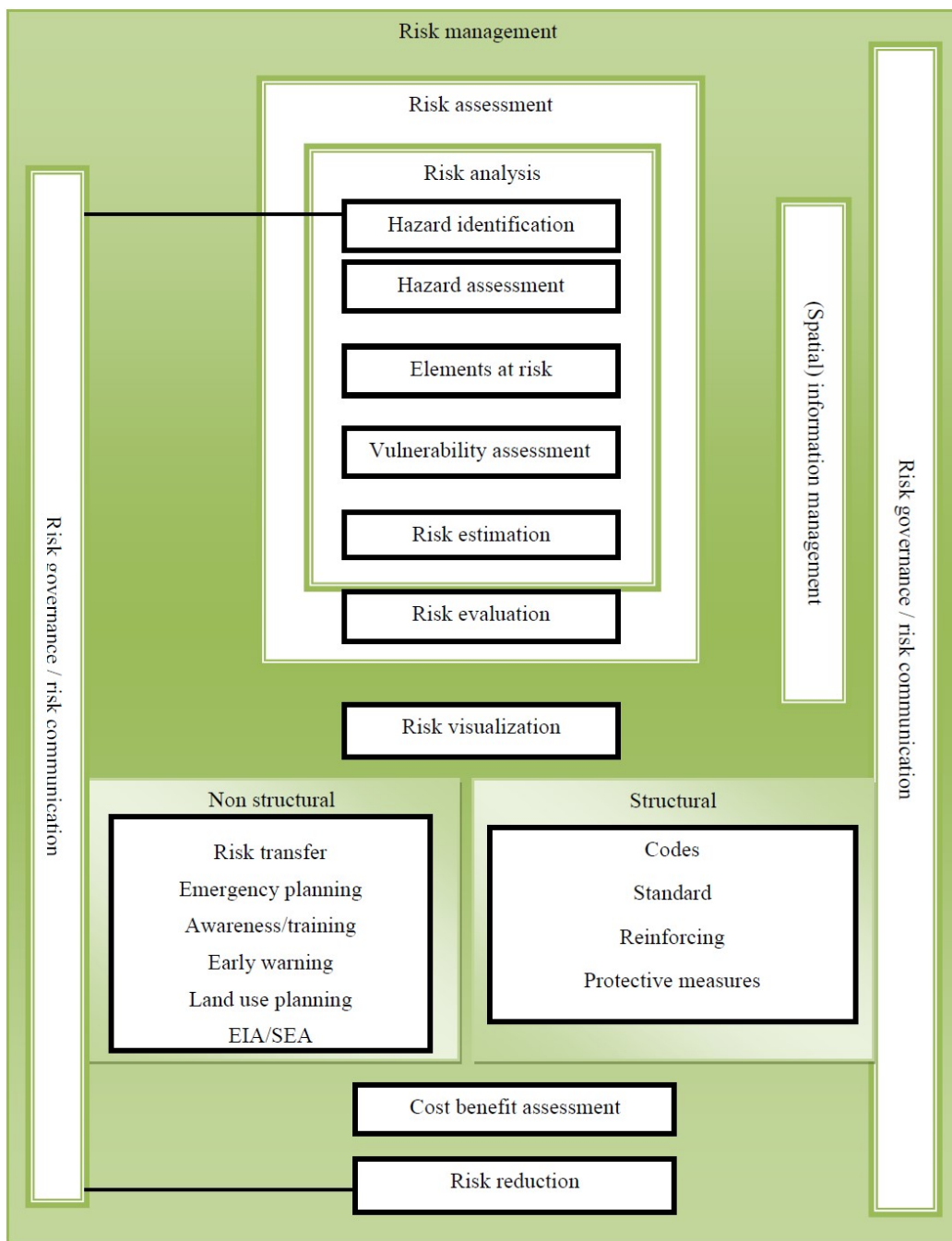


Fig: Combined Strategic framework for Action towards Hazards, Vulnerability, Risks and Capacity Assessment

Declaration of disaster and activation of **response and relief** activities is based on the severity of disasters. To do so, first priority is to determine whether the resources are sufficient to cope with the severity if it could be considered as disaster or not. If the situation is beyond the coping capacity of community in the affected area then a disaster shall be declared at different levels. As per the National Disaster Management Authority guidelines, these scenarios are of 4 levels that are Level 0 (L0), Level 1 (L1), Level 2 (L2) and Level (L3).

**Level 0:**

L0 denotes normal times which are expected to be utilized for close monitoring, documentation, prevention, mitigation and preparatory activities. This is the planning stage where plans at all levels from community to the state shall be put in place. Training on search and rescue,



rehearsals, evaluation and inventory update for response activities will be carried out during this time.

**Level 1:**

L1 specifies disasters that are localized. One or few sectors/areas blocks of activity are affected. It can be managed at the district level, however, the state and centre will remain in readiness to provide assistance if needed. The following actions required to be taken during this level.

Sr. No.	Actions	Responsible Dept./Agencies	Time frame
1.	District Magistrate shall declare disaster of L1 in consultation with members of DDMA	DM	Immediately
2.	Activate District Emergency Operation Centre along with Block and Circle level Control Rooms	DDMA	Immediately
3.	Activate Incident Response System at District Level and notify state authority	DDMA	Immediately
4.	Conduct Meeting of members of DDMA along with head of line departments and other stakeholders	DDMA	Immediately
5.	Mobilize the resources available in the district	DDMA & line departments	Immediate
6.	Contact local humanitarian organizations for their assistance for immediate support	DEOC	Immediate
7.	Take updates from the incident area and update the same District Administration	DEOC	Within 2 hours
8.	Conduct Rapid Damage and Needs Assessment and circulate to all concerned	DDMA	Within 2 hours
9.	Media briefing about the scenario	DDMA	Within 2 hours
10.	Prepare detailed assessment report	DEOC	Within 24 hours
11.	Withdrawal of declaration of disaster on normalization of the situation.	DM	As on normalization of the situation

**Level 2:**

L2 specifies disaster situations that may require assistance and active participation of the state, and the mobilization of resources at the state level. Humanitarian needs are of a sufficiently large scale and complexity that significant external assistance and resources are required. Multi-sectoral response is needed with the engagement of a wide range of humanitarian actors. In L2, the district level resources are insufficient; however the disaster can be managed with state-level resources.

Sr. No.	Actions	Responsible Dept./Agencies	Time frame
1.	District Magistrate shall declare disaster in consultation with members of DDMA and call for further assistance of State Government	DM/BSDMA/DDM	Immediately
2.	Activate District Emergency Operation Centre along with Block and Circle level Control Rooms	DDMA/ DMD	Immediately
	Activate Incident Response System at District Level and notify state authority	DDMA	Immediately
3.	Conduct Meeting of members of DDMA along with heads of line departments and other stakeholders	DDMA	Immediately
4.	DMD SDMA shall activate State Emergency Operation Centre and notify national authority	BSDMA/DMD	Immediately
	DMDSDMA shall mobilize State and National Disaster Response Force teams and their other resources to affected districts	BSDMA/DMD	Immediately
	Contact humanitarian organizations for their assistance for immediate response	BSDMA/DMD	Immediately
5.	Establish Staging area to collect mobilized resources for deployment to the affected area	DDMA	Immediately
6.	Set up Incident Command Post to monitor and operationalize field activities	DDMA	Immediately
7.	Establish transit camps and temporary shelters and provide all necessary support through response teams	DDMA	Immediately
8.	Conduct Rapid Damage and Needs Assessment and circulate to all concerned	DDMA	Within 2 hours Later
9.	Media briefing about the scenario	BSDMA	Within 2 hours
10.	Prepare preliminary assessment report	DDMA and BSDMA	In first 24 hours
11.	Conduct detailed damage and needs assessment report	DEOC/DDMA	Within 24 hours
12.	Maintain coordination with all stakeholders and keep updating all about situation	DEOC	Ongoing
13.	Withdrawal of declaration of disaster on normalization of the situation.	BSDMA/DMD	As on normalization of the situation

### Level 3:

L3 disaster situations arise from large scale disasters where districts and the state may not have the capacity to respond adequately and require assistance from the central government for reinstating the state and district machinery. Humanitarian needs are of a sufficiently large scale that signifies external assistance and resources are required. Multi-sectoral response is needed with the engagement of a wide range of international humanitarian actors also.

Sr. No.	Actions	Responsible Dept./Agencies	Time frame
1.	Prime Minister shall declare a calamity of sever nature as 'National Calamity' and call for further assistance from national and international stakeholders for immediate response	PM	Immediately
2.	Activate Incident Response System at District, State and National Level	DEOC	Immediately
3.	Activate State and National Emergency Operation Centre	NDMA and BSDMA DMD and MHA	Immediately
4.	NDMA shall mobilize National Disaster Response Force teams and resources to affected districts	NDMA MHA	Immediately
5.	Establish inter agency groups to have uniform and well-coordinated response	NDMA	Immediately
6.	Establish Staging areas to collect mobilized resources for deployment to the affected area	DMD/BSDMA and DDMA	Immediately
7.	Set up Incident Command Posts to monitor and operationalize field activities	SDMA and DDMA	Immediately
8.	Establish transit camps and temporary shelters and provide all necessary support to the affected communities through response teams	SDMA and DDMA	Immediately
9.	Media briefing about the scenario	NDMA	Within 2 hours
10.	Convene a regional Inter Agency Group meetings with relevant sector/cluster leads to: <ul style="list-style-type: none"> <li>• discuss coordinated approach</li> <li>• outline priority needs</li> <li>• detail immediate response plans</li> <li>• agree on assessment mechanism, notably joint Rapid Damage and Needs Assessment (Refer Point no- 7)</li> </ul>	NDMA	Within 2 hours
11.	Maintain coordination with all the stakeholders and keep updating all about situation	SEOC and DEOCs	Ongoing
12.	Prepare preliminary assessment report	IAGs	In first 24 hours
13.	Conduct detailed damage and needs assessment report	BSDMA and DDMA	In first 48 hours
14.	Plan for rescue and relief operations in affected areas	BSDMA and NDMA	In first 72 hours
15.	Withdrawal of declaration of disaster on normalization of the situation.	PM	As on normalization of the situation

### Activation of Response:

The disaster response plan is activated shortly after the receipt of an early warning or on the information of an emergency. Activating the response plan means setting in motion command, coordination, and management of the situation. The activities described in the following standard operating procedures (SOPs) are to be initiated immediately to ensure that loss and damage are minimized. One SOP is in the case where early warning is available, the other when there is no early warning, thus the activation of the response depends on the type of the hazard and its impact.



### Scenario 1 – With Early Warning:

1) Nodal agencies responsible for forecasting extreme weather events (like flood and cyclone) issue alerts and warnings accordingly to the District Emergency Operation Centre, which can be directly or via State Emergency Operation Centre.

2) As soon as alerts and warnings have been received, the District Emergency Operation Centre has to be fully activated with minimum 3 staff members, communication system such as telephone, mobile phones, VHF, radio, wireless etc.

Maintain following::

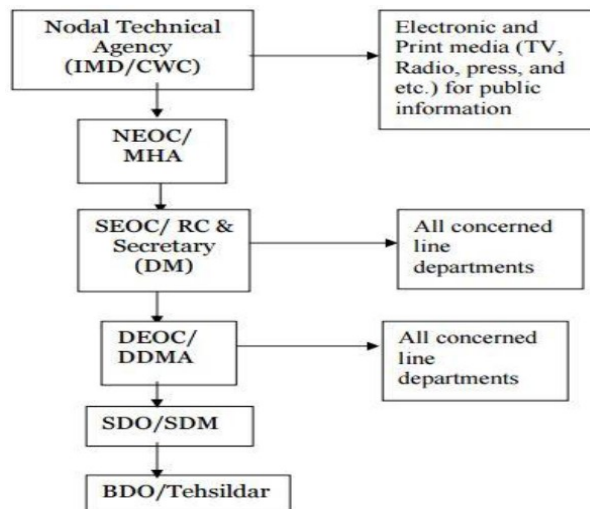
- Maps of highly vulnerable panchayats
- List of hospitals with their contact number
- Contact number of line department
- Call log register

3) First and foremost task is informing the community likely to be affected by the disaster through the warning system set in place (the process of ensuring that warning information is disseminated to the communities is explained further in the Information Dissemination section).

4) The District Emergency Operation Centre activates the district/sub-division/block level administration to deploy all necessary manpower and resources to respond to the situation.

5) The District Magistrate calls upon the District Crisis Management Group (explained under the section District Crisis Management Group) to proceed with the necessary preemptive measures, which may include people's evacuation from risky areas. A comprehensive Standing Order, listing all necessary preemptive measures based on the warning, is then prepared.

6) Thereafter, follow up action has to be undertaken by all concerned at all levels, encompassing the District Emergency Operation Centre and the sections involved in the Incidence Response System.



## Scenario 2 – Without Early Warning:

In disaster situations where no early warning signals are available, the primary objective is to mount immediate rescue and relief operations as quickly as possible. The following procedure will be followed in such situations:

1) The field functionary at ground zero informs the District Emergency Operation Centre and the District Magistrate of the emergency/disaster.

2) The District Emergency Operation Centre has to be fully activated for managing the disaster. With minimum 3 staff members, communication system such as telephone, mobile phones, VHF, radio, wireless etc.

Maintain following:

- Maps of highly vulnerable panchayats
- List of hospitals with their contact number
- Contact number of line department
- Call log register

3) The District Magistrate informs the State Emergency Operation Centre/State Disaster Management Authority and seeks external assistance if required. The FIR is submitted to State and National Emergency Operation Center.

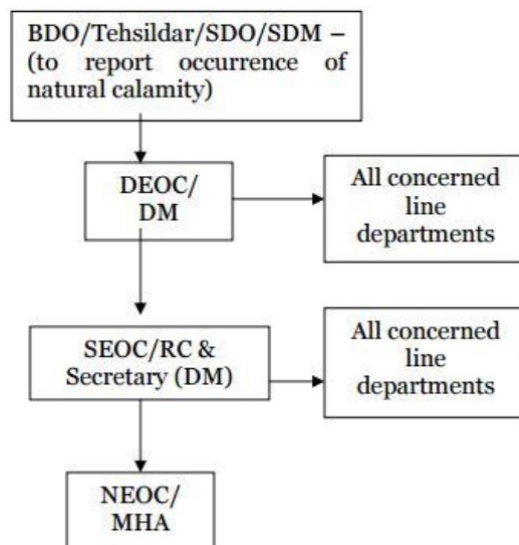
4) The District Crisis Management Group meeting is realized, where the teams associated to the IRS and the team to conduct the Rapid Damage and Needs Assessment are deployed.

5) Search and Rescue Teams and Medical and Paramedical teams have to be deployed as required by the situation.

6) The District Magistrate has to review the situation and activate coordination, command and control.

7) Regular meetings of DDMA are convened to review the situation.

8) Line Departments and other agencies work towards restoration of basic services and infrastructure such as power, telecommunication, surface transport, etc, as well as for supply of food, drinking water, and other materials.



9) Thereafter, follow up action has to be undertaken by all concerned at all levels.

### Information Dissemination:

The information dissemination is a system for the district administration to communicate early warning to communities in the vulnerable panchayats. Based on the type of hazard, the District Magistrate is responsible to send a warning to the specific areas at risk (please refer to the HVCA Report). Therefore, the information dissemination flows like that – the District Magistrate (DM) and the Assistant District Magistrate (ADM) communicate the Block Development Officers (BDOs) and Circle Officials (COs), who, in its turn, ensure that the early warning information is disseminated to the communities through the Village Secretaries.



The dissemination of information is the most critical function in order to give early warning to the district administration to put them on high alert to prepare for response and to alert the community. It has to be fast in order to give reasonable amount of time for communities to prepare for any eventuality. Due consideration has to be given to the points mentioned below before sending across the information.

1. Information dissemination will be done to all the important stakeholders (as given below in the information dissemination format) at the Panchayat level in rural areas and Nagar Parishad and Nagar Panchayat level in urban areas for early warning communication.
2. Making use of the fastest means to communicate the message in the most lucid manner so as to prevent spread of rumor and panic among the masses. Bulk Voice SMS Service is the best means of communication to large masses without any effort and within no time. A voice recorded message from the District Magistrate from his/her official number shall be sent to the database of numbers identified for information dissemination. A number of private parties deliver Bulk Voice SMS service at very low cost.
3. The communication can be done to all the identified stakeholders of the district, block and panchayat depending on the possibility of the coverage of the disaster.
4. All the members identified for information dissemination must ensure spreading warning information irrespective of the time of the day and their availability in their panchayats / nagarparishad / nagar panchayat.

According to the terminology by the United Nations Office for Disaster Risk Reduction (UNISDR), while response is the 'provision of emergency services and public assistance during or immediately after a disaster', the 'division between the response stage and the subsequent recovery stage is not clear-cut'. Some activities start during the response stage and go beyond to the relief one. Additionally, stating when the response has completed is more related to certain conditions met, rather than how much time has passed since it started. Some measures help to indicate when the district is moving towards the **Recovery**:



- ✓ life-saving efforts, such as Search and Rescue, are nearing completion;
- ✓ emergency social services and mass care are established (health, shelter, food and water) in the impact area;
- ✓ initial assessment of damage complete for critical infrastructure including roads, railways, airports, buildings and systems;
- ✓ services restored to essential critical infrastructure;
- ✓ establishment of staging areas with movement of relief supplies, response personnel and other critical resources and goods into the impact area;
- ✓ planning for recovery underway and key elements are ready to or are activated; etc.

The recovery stage encompasses the **rehabilitation / Evacuation and reconstruction** of the district and should be based on pre-existing strategies and policies that facilitate clear institutional responsibilities for recovery action and enable public participation. The importance of the recovery lies in the valuable opportunity that it holds for building back better or, in other words, implementing measures to reduce the disaster risk to lower levels than previously. In view of this, the recovery is 'the restoration, and improvement where appropriate, of facilities, livelihoods and living conditions of disaster-affected communities'.

In the aftermath of disasters, affected areas need to invest significant resources to address recovery needs. These should be guided by a comprehensive assessment that estimates damages and losses, and identifies the needs of the affected population. This **Post Disaster Needs Assessment (PDNA)** is the first step towards developing a holistic recovery programme that promotes equity and inclusion.

The Recovery Plan is, therefore, focused on **building back better** by putting in place a coordination mechanism for the activities that need to be performed from over a short-term to medium/long-term recovery period.

#### **Immediate Recovery Process:**

The **Damage and Loss Assessment** is the first and critical component to identify what is the extent of recovery required to be done to bring normalcy to the district. This component lays the foundation for setting the priorities of the recovery stage (see the annexure for an example of format of the assessment).

The immediate or short-term recovery goes from a day to a month, depending upon the extent of the disaster, the damage caused, and the activities necessary to overcome the situation. Then, based on the findings from the **Damage and Loss Assessment**, the district administration along with the line departments and external supporting agencies (e.g. NGOs, contractors, etc.) has to define a plan for the recovery, covering the timeline for completion and the strategies and activities to be performed.

Three are the most important elements of the recovery stage and to which the district administration should focus on: infrastructure, social, economic. They are related to health and educational facilities, water, drainages and sanitation facilities, electricity, transportation and connectivity, etc. Hereafter, each one of them is explained along with the actions that are required to complete the phase of immediate recovery.

## ***Infrastructure recovery***

This element represents the restoration of utility and critical services within the district.

### **Water supply**

For affected habitation in rural areas, Public Health Engineering Department has to work to restore water supply units that were identified as dysfunctional during the Damage and Loss Assessment exercise.

### **Power**

The Energy Department has to restore the power lines in areas where damage was reported. The restoration of critical buildings such as hospitals, health centers and administrative buildings is to be prioritized. Meanwhile these buildings are under repair, generator sets should be made available.

### **Telecommunication**

Disrupted lines of telecommunication links have to be repaired on highest priority by Bharat Sanchar Nigam Limited (BSNL) and other private telecom agencies to restore the connectivity of the district/area affected.

### **Critical lifeline buildings**

Lifeline buildings are those necessary to keep the administrative machinery or any emergency centres functioning during a disaster and despite the damages inflicted by it. Hospitals, schools, Anganwadi centres, offices of line departments and district administration are examples of critical lifeline buildings and that should be retrofitted or reconstructed after throughout assessment.

### **Roads and bridges**

The Public Works Department (Road Construction Department) and the National Highways Authority of India should list down the roads and bridges that need repair and those requiring complete reconstruction. Based on that, the priority projects are appointed to guide the plan for recovery. Critical roads and bridges open access to health centers in rural areas, vulnerable groups in remote areas, police stations and outposts, etc.

### **Households**

It involves the identification of houses that were damaged by the disaster or that are vulnerable to secondary incidents associated to the major impact. It is essential that measures be taken accordingly, whether it is relocation, retrofitting, or reconstruction.

**Owner-Driven Approach:** the owner-driven approach supports the owners to design houses as per their needs giving them a sense of ownership, while the administrative costs are reduced and the district can focus on proper monitoring.

### **Disaster resilient construction**

The District Disaster Management may constitute a committee to ensure that technical requirements for disaster resilient housing are met during the reconstruction. This committee

would assist the multi-hazard resilient design, monitor the process of reconstruction, and ensure that disaster resilient techniques are incorporated in various schemes and development projects. Funds under schemes such as Indira Awaas Yojana and Housing Schemes for Scheduled Castes and Denotified Tribes can be used for reconstruction.

### ***Social recovery***

The social recovery is paramount as it deals directly with the lives of those affected by the disaster. Their needs should be recognized and measures undertaken accordingly. Bringing normalcy to their lives is required for engaging them in the process of building back better.

### **Temporary shelter**

The management of relief shelters is continued from the response phase to the immediate recovery phase and done through Incident Response System (IRS – as per Response Plan). Temporary rehabilitation or relocation of people has to be done for those damaged houses, either completely or partially destructed. These people have to be provided with relief supplies while the construction or repair of the houses is undertaken.

### **Psychosocial support**

Health department is responsible to coordinate the psychologists within the district for providing psychosocial support to people highly affected by the disaster, who faced major economic losses or losses in the family, especially to the most vulnerable groups as children, women, elderly, etc, in order to reduce the psychological trauma at the community level. Support and co-ordination from NGOs should be utilized for the same.

### **Physical health**

First aid and emergency health care has to be provided at the earliest. In case health care centres are affected by the disaster, temporary medical relief camps have to be installed while the building is retrofitted or reconstructed. Mobile medical units may be pushed into action for immediately health care close to the community.

### **Animal health**

Injuries and diseases to animals must be addressed through necessary veterinary support at the village or panchayat level.

### **Financial support**

The Department of Social Welfare shall release the money of life insurance and others according to state and national social welfare schemes.

### **Peace meetings**

In case of any violence in the region, peace meetings have to be organized by the Police Department and the District Magistrate along with leaders of estranged communities to diffuse tensions.

### ***Economic recovery***

The recovery of economic dimension is fundamental for the success of the entire recovery stage as it brings sustainability for the programme and closely supports the principle of build back better by reviving the local economy.

#### **Risk transfer**

Crop and livestock insurance beneficiaries have to be identified during early recovery stage so as to provide the affected people with money for meeting their immediate expenditures and necessities.

#### **Wage employment**

This shall make available on high priority to people of affected areas so as to give access to money soon after disaster response when the withdrawal of relief supplies generally takes effect. MGNREGS shall be implemented to provide temporary wages while using this to build assets that could be beneficial for their long-term recovery.

#### **Banking operations**

Banking operations affected due to disaster must continue with minimal period disruption so that communities are able to draw money deposited via MGNREGS work, insurance amounts besides being able to avail regular banking benefits.

#### **Relocation**

When the recovery involves relocation of the community, the relocation site should be in close proximity to the existing sources of livelihood (places of work, agricultural farms, livestock facilities, markets, etc). This ensures favourable conditions for livelihood generation and other economic activities.

### **Long-term Recovery:**

Post-disaster recovery is a complex process involving several dimensions such as livelihood regeneration, psychological care, environmental rehabilitation, reconstruction, etc. This requires strong linkages between government, NGOs, as well as international organizations and the communities in the district itself, and there is no time-bound to be finished. As the stage of immediate recovery, the long-term recovery involves three major dimensions – infrastructure, social, and economic.

### ***Infrastructure and environmental recovery***

#### **Strengthening and retrofitting**

This shall be executed during this phase for all the critical lifeline buildings on priority by the PWD – Building department, besides that for canals and embankments by Canal (Irrigation dept) and WRD, respectively. These works for schools shall be undertaken by Building Construction Division of



Education Department.

### **Repair and reconstruction:**

#### ***Roads and bridges***

The execution shall be undertaken and monitored by the NHAI and the PWD – Roads (State & Rural) as per the execution plan defined during the first segment of recovery phase.

#### ***Housing***

Development of permanent housing solution for victims happens during this period under National Housing Scheme (IAY & RAY). Additionally, housing solutions may be provided in cooperation and financial support of external agencies such as NGOs, Corporate Social Responsibility department of private companies, etc. The planning and execution has to involve the local community through consultations and assessments while empowering them.

#### **Regeneration of biodiversity**

Afforestation initiatives have to be undertaken by Soil Conservation, Forest and P&RD in affected areas to regenerate forests and biodiversity.

#### **Treatment of wetlands**

Natural wetlands (rivers, streams) have to be cleared of debris and sediment deposits to restore the aquatic biodiversity of the region, including fishes and plants.

#### ***Social and economic recovery***

##### **Rehabilitation**

During this phase, families placed in temporary shelters due to damage or destruction of their houses or erosion of their land has to be smoothly rehabilitated through requisite infrastructure recovery interventions. Efforts shall be made to rehabilitate these families to locations at least close to the original habitations to keep them in proximity of pre-disaster communities and land.

##### **Education**

Schools have to be made operational in the shortest span through the post-disaster period.

##### **Wage employment**

The focus on providing wage employment through MGNREGS should be continued with greater vigour for the affected parts of the district so as to provide economic recovery while original livelihoods such as agriculture outputs are restored to normalcy.

##### **Livelihoods**

Work towards strengthening livelihoods to be more economically and environmentally sustainable, as well as more resilient to future disasters. In this long-term recovery effort, focus is on livelihoods

diversification, creation of alternative income generating activities, providing financial services such as loans and insurance, and strengthening forward linkages with markets for existing and new livelihoods.

#### ***Credit***

This shall be done by formation of self-help groups (SHGs) for affected communities so as to support in buying or rebuilding assets such as domestic animals, farm equipments, craft equipments and others by providing microcredit. This is critical to reduce the dependency of the population in the district administration for support.

#### ***Microinsurance***

Increase of the coverage of microinsurance in order to include more farmers and livestock owners and their productive lands/livestock to ensure risk transfer benefits in case of damages from any future disasters.

#### ***Disaster resilient livelihoods***

Agriculture is the mainstay of the district while it is one of those vulnerable to natural hazards. Alternative livelihoods such as crafts, sericulture and plantation of Khus (Vetiver) for its oil production with a processing industry may be sought by the district.

#### ***Agronomic rehabilitation***

The district administration has to ensure that soil testing labs research and formulate necessary steps required for agronomic rehabilitation and may coordinate with NGOs working in this field to channelize their support. Additionally, it is paramount to suggest cropping patterns, suitable bio fertilizers, bio pesticide, etc, depending upon the changes in soil due to the disaster and develop a model of rehabilitation of the same.

Various measures such as seed capital, micro finance and other related schemes should be used for the social and economic recovery of the district. Some activities to support livelihood generation and improvement that can be provided by schemes under the **Welfare Department** are given below:

- training tailoring to SCs/BCs destitute/ widowed women/girls;
- upgrade of typing and data entry skills of the SC/BC unemployed youth through computer training;
- financial assistance for training to scheduled castes candidates in unorganised sector through private institutions
- creation of employment generation opportunities by setting up employment-oriented institutions/ training programme;
- other schemes such as MGNREGS, PMGSY, Hunar se Rojgar Yojana can also be used for livelihood generation.

The district administration may also coordinate with the Animal Husbandry and Dairying Department to ensure alternate livelihood generation activities by providing cows and buffaloes. Various schemes under Animal Husbandry and Dairying Department can be used for the same:

- ✓ schemes for employment opportunities to scheduled castes families by establishing livestock units and insurances of their livestock (SCSP);
- ✓ special employment to educated/ uneducated young men/women of rural area through dairy development;
- ✓ Self-employment generation in dairy sector by establishing hi-tech/ mini dairy units; schemes for salvaging and rearing of the male buffalo calves.

### Holistic Recovery Process

The District Disaster Management Authority of 24 Pargans (South) should formulate the necessary institutional mechanisms for ensuring that each aforementioned parameters and activities related to the recovery stage, including reconstruction and rehabilitation, are performed accordingly. In view of this, they should not only monitor, but also coordinate with the work of NGOs and other agencies so to better utilize the expertise and resources available at the district. It should be noted that external agencies have a time-bound approach and communities may or may not be completely recovered by the time their project ends. Therefore, the Disaster Management Authority is the final responsible for the recovery process and has to ensure its appropriateness within the district, through planning and constant monitoring of the progress and reporting.

During the recovery process, it is paramount to ensure that the communities do not get dependent solely on assistance from the local administration. It is necessary to define in advance clear indicators and a plan stating the withdrawal as per the situation in the district. Additionally, multi-disciplinary activities should be incorporated in the recovery process in consultation with the affected community in an institutionalized manner, as this would support in ensuring sustainable development of the community and the district as a whole.

The overall structure and process of disaster management is depicted in below figure:

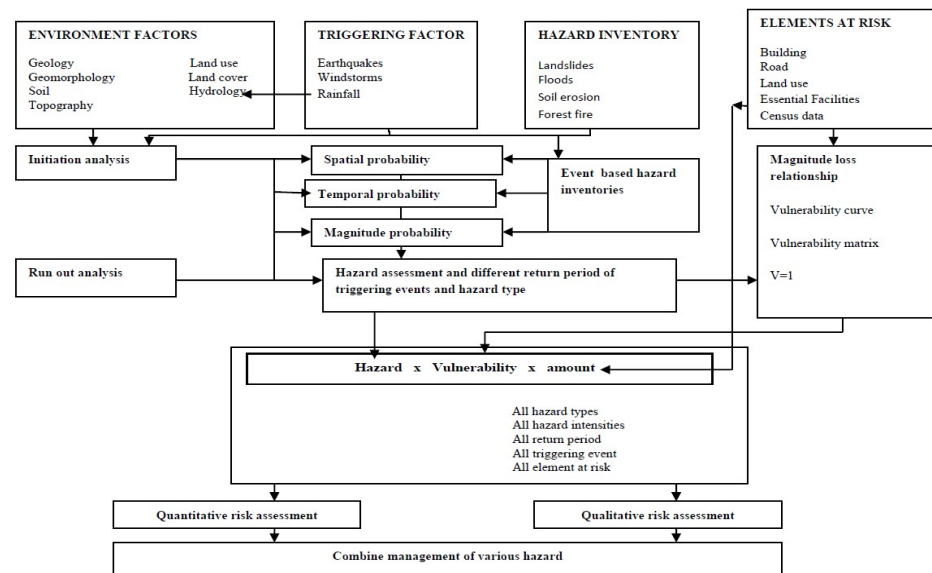


Fig: Combined Management framework for multi-Hazards

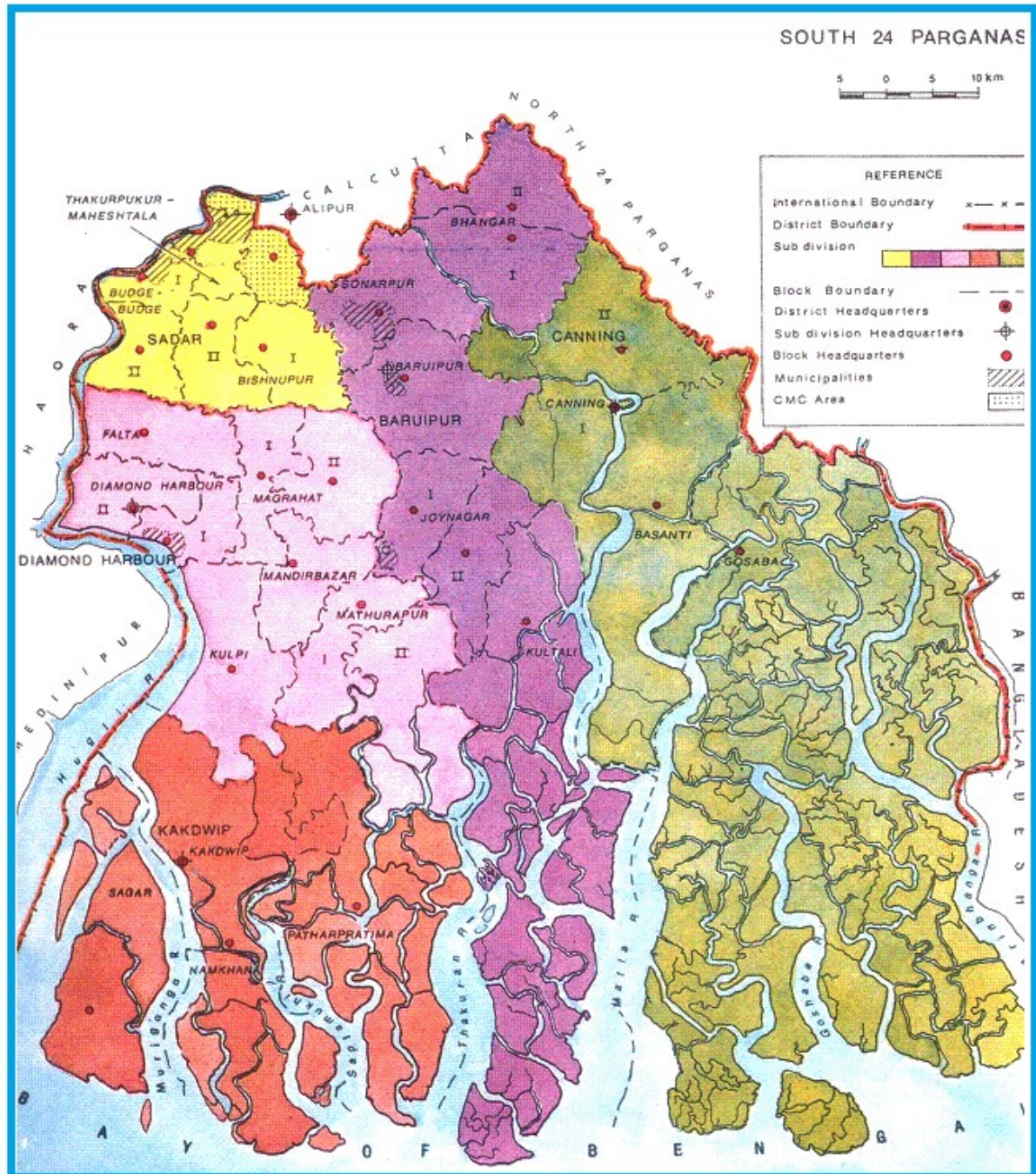
## Chapter III District Profile

Natural hazards are common phenomena in the South 24 Parganas district, especially, in the Sundarbans region. Once these hazards exceed the coping capacity of people, it causes disaster (Lindell and Prater 2003). The disaster causes damage of common, public, and private resources. It also causes disruption of economic activities, death, and injuries. The South 24 Parganas district is more vulnerable to cyclones followed by flood. Almost every year the district gets affected by cyclone.

<b>Location:</b>	<b>Latitude: North - 20'20", South 22'06"</b> <b>Longitude: - East-88'20", West -88'60"</b>
<b>Area and Administrative Division:</b>	
<b>Total Area in Sq. K.M.</b>	<b>10,000</b>
<b>No. of Sub-Divisions (Baruipur, Canning, Diamond Harbour, Kakdwip, Sadar)</b>	<b>5</b>
<b>No. of Blocks</b>	<b>29</b>
<b>No. of Gram Panchayat</b>	<b>310</b>
<b>No. of Municipalities</b>	<b>7</b>
<b>No. of Sundarban Blocks (Sagar, Namkhana, Kakdwip, Pathar Pratima, Kultali, Mathurapur-I, Mathurapur-II, Joynagar-I, Joynagar-II, Canning-I, Canning-II, Basanti, Gosaba)</b>	<b>13</b>
<b>Administrative Units</b>	
<b>Panchayat Set up</b>	
<b>No. of Gram panchayat</b>	310
<b>No. of Gram Sansads</b>	3592
<b>No. of Gram Panchayat Members</b>	4129
<b>No. of Panchayat Samitis</b>	29
<b>No. of Panchayat Samiti Members</b>	877
<b>No. of Zilla Parishad Members</b>	73



## Administrative Map South 24 Parganas District



South 24-Parganas district is an important district of West Bengal State with its district headquarters in Alipore. It has the urban fringe of Calcutta on one side and the remote riverine villages in the Sundarbans on the other.

### History

- The territory of Greater 24 Parganas were under the Satgaon (ancient Saptagram, now in Hoogly district) administration during the Mughal era and later it was included in Hoogly chakla (district under post-Mughal Nawabi rule) during the rule of Murshid Quli Khan. In

1757, after the Battle of Plassey, Nawab Mir Jafar confer the Zamindari of 24 parganas and janglimahals (small administrative units) to the British East India Company. These were Amirpur, Akbarpur, Balia, Birati, Azimabad, Basandhari, Baridhati, Bagjola, Kalikata, Garh, Hatiagarh, Islampur, Dakshin Sagar, Kharijuri, Khaspur, Ikhtiarpur, Madhyamgram, Magura, Medanmalla, Maida, Manpur, Muragachha, Pechakuli, Paikan, Rajarhat, Shahpur, Shahnagar, Satal and Uttar Pargana. Since then, this entire territory is known as Twentyfour Parganas.

- In 1793, during the rule of Lord Cornwallis, entire Sunderbans were in Twentyfour Parganas. In 1802, some parganas on the western banks of river Hoogly were included into it. These parganas were in Nadia earlier. In 1814, a separate collectorate was established in Twenty-four Parganas. In 1817, Falta and Baranagar and in 1820, some portions of Nadia's Balanda and Anwarpur were encompassed to it. In 1824, portions of Barasat, Khulna and Bakhargunge (now in Bangladesh) were also included to it. In 1824, the district Headquarter was shifted from Kolkata to Baruipur, but in 1828, it was removed to Alipore. In 1834, the district was spilt into two districts – Alipore and Barasat, but later these were united again.
- In 1905, some portion of this district around the Sunderbans was detached and linked to Khulna and Barishal. These parts remained in Pakistan (later Bangladesh territories where Jessore's Bangaon was joined to Twentyfour Pargana after the 1947 partition.
- In 1983, an administrative reforms committee under the chairmanship of Dr. Ashok Mitra suggested to spilt the district into two and as per the recommendation of the committee on 1<sup>st</sup> March, 1986 two districts – North 24-Parganas and South 24-Parganas were created vide Government of West Bengal Notification No 91-P&AR(AR).

### LANDSCAPE OF THE DISTRICT

The District was created after bifurcation of the old district of 24 Parganas, the district of South 24 Parganas lies in the South and south – eastern part of West Bengal. Extending from 21°29" N to 22°33'45" N latitudes and from 88°3'45" E to 89°4'50" E longitudes, the total area covered by the District is 9960 sq. Km.

South 24 Parganas is bounded on the north by the district of North 24 Parganas & the metropolis of Kolkata, on the South by the sunlit waters of the Bay of Bengal, on the east by Bangladesh and on the west by the tidal river Hoogly – a distributary of the Ganga, which separates the District from the districts of Howrah and Medinipur.

The District is the part of the vast Ganga plan where the delta building process is still very active or has just reached the mature stage. Here the land hardly rises to 5 metres above sea level in the north, i.e in the mature part of the delta, to one meter or so in the active delta region in the south which is a mesh of innumerable twisting rivers and tidal creeks separating numerous islands.

The distributaries of the Ganga which criss-cross this land include the Hoogly, Bartala, Saptamukhi, Thakuran, Mridanga Bhanga, Matla, Gosaba, Haribhanga and Raimangal. They are fed by sea tides. Twice a day, sea water enters more than 100 km. Through these estuaries and inundates the low lying plains.

The average temperature in the district varies from a maximum around 38°C to a minimum of around 13.5°C. The annual rainfall average 1800 cm, more than 75 percent of which comes during the monsoon. Nor 'westers from March to May and the Bay Cyclones from mid June to mid November ravage the land every year.

The active delta of the Sundarban is a land of marshes and tidal forests called 'Mangroves' – a unique type of vegetation of halophytes like Sundari, Keora, Baen, Gengwa, Keya, Golpatta etc. which have special characteristic to adapt themselves to the highly saline soil, strong winds and inundation of sea water twice a day during tides. The Sundari, once the dominant plant, after which the region was possibly named, is gradually dying out as a result of increased salinity of the soil.

This Mangrove forest or the 'badadhumi' is a veritable treasure house of wild life. Here man eating tiger, numerous species of mammals like wild boar, deer, monkey, and 17 species of snakes co-exist on the land, Shark estuarine crocodiles, crabs, 7 species of turtles, 80 varieties of fish swim in the waters and 230 species of chirping birds bring melody to this dreaded land. No wonder that the Sundarban was declared as a 'World Heritage Site' in 1994 and as a 'Biosphere reserve' in 1989.

This deltaic district is situated with saline marshes which are used for pisciculture. The ground water, though available within 10 metres in the mature delta, can be tapped at a depth of more than 100 metres under a great thickness of impermeable clay. Moreover, the upper aquifers bear saline water. So the people need to reach deeper aquifers for sweet water. They also dig tanks to collect rainwater for irrigation.

Out of the 29 Blocks, 7 or 8 of the Northern Blocks of South 24 Parganas have fertile gangetic alluvium while more than 11 blocks have either saline or degraded alkaline soil. Thus in the major part of the district, with the problem of waterlogging in the 'basin like islands' of degraded or saline soil coupled with poor irrigation facilities only mono cropping is generally practised by the farmers.

In the Sundarbans, there are more than 3500 Km. Of very old earthen embankments that are essential for the very survival of the islands. With its proximity to the Bay of Bengal the land is very much prone to the wrath of Bay Cyclones and tidal disturbances during the monsoon. The natural levee's, already weakened by lashing sea waves during cyclones; often give in to the tidal bores resulting in disastrous floods.



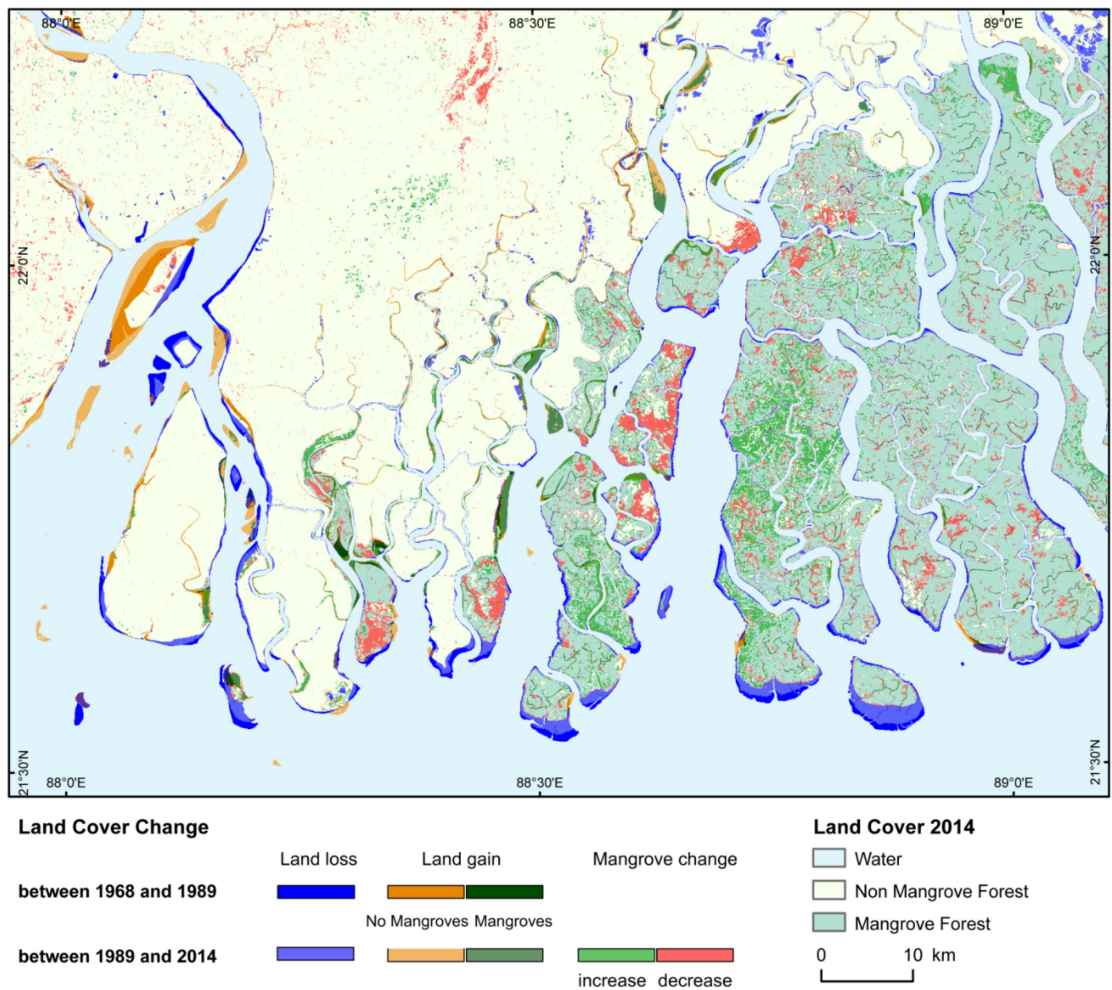


Fig: Vulnerability due to natural Land loss

### RIVER SYSEM OF THE DISTRICT

The District lies at the tail end of the Ganga flowing as the Hoogly. This area is a part of the active delta where the Hoogly along with a number of distributaries meet the Bay of Bengal. Though the flow of water through Hoogly has considerably been reduced since the construction of the Farakka Barrage, this part of the country has retained its uniqueness in its richness of mangrove forest and numbers islands created by sedimentation and collection of silt on areas, which were once parts of riverbeds.

Another interesting feature of the rivers cape of the district is the changing courses of most of the rivers. It is an ever-developing story of distributaries branching off from the main river, flowing in a crisis cross manner and again re entering the main stream or merging with some other distributary. As a result, the same river has taken different names at different places making it difficult to keep track of the individual streams. However, the principal rivers in the system of



the district are the Hoogly, Saptamukhi, Thakuran, Bidyadhari, Matla, Gosaba, Haribhanga & Raimangal.

### **The Hoogly River**

The Hoogly enters the District immediately after the Kolkata Port area. It flows from South West till Achchipur in Budge Budge and then its course generally runs southwards till it falls into the Bay of Bengal. The Spring tides of the Hoogly are occasionally so strong that they give rise to a phenomenon called a bore (baan). This name is given to the head water (sometime 5-6 metres high) which is formed when an unusually high tide is checked by the narrowing of the river channel. The River has no important tributaries on our side, its only feeders being the Diamond Harbour and Khola Khali Creeks and the Falta and Kulpi khals, all insignificant streams. The larger tributaries like the Damodor, Rupnarayan, Haldi & Rasulpur meet the river on the opposite bank. The point where the Hoogly meets Sagar i.e the Bay of Bengal, its breadth is about 30 km. Shortly before it falls into the sea it bifurcates- the main channel continues straight towards the sea and the other one called Muriganga (Bartala) flows along the eastern side of the Sagar Island. The Hatania –Doania connects the Muriganga with the Saptamukhi.

### **The Saptamukhi River**

The Saptamukhi system is spread over both the districts of North 24 Parganas & South 24 Parganas. It is wide and shallow and as a result has a number of shoals. One such big shoal separates the main stream from the Ghughudanga Blind Creek. From North to South 'the Banstala – Ghughudanga Gang – Saptamukhi West Gully' may be said to form one continuous arm, the East Gully being a distributary of the same on the other side of the Prentice and Lothian Islands. The major branches on the west are Kalnagini Khal, the Ghughudanga Gang and Blind Creek, Patibonia river, Wdward's Creek and Chandapiri Khal and Bagkhali river around Freserganj Island.

### **The Thakuran (Jamira)**

The Thakuran system is also very wide near the sea face. The major lateral branches of the Thakuran on the western side are the Kadrakhali khal, the Damdama Khal, the Moni River, the Pukchera, the Raidhighi, the Sibna Gang, the Pakhirali Khal and the Ross creek. The link channels on the eastern side with the Matla system are mostly meander loops. These loops are interconnected amongst themselves by an intricate mesh of tidal channels.

### **The Bidyadhari**

The Bidyadhari is the combined flow of the Nona Gang and the Harua Ganj in North 24 Parganas. It serves as the main as the main drainage outlet of the Kolkata Metropolitan area. The river is joined by the Bhangar Khal, Kulti Gang, central lake channel that carries sewage and storm water of Kolkata and the Toyy's Nulla. Near Baman Ghata it sends out the Piyali. Later it receives Kumarjal gang and the united stream forms the Matla.

### **The Matla**

The Matla is a very wide estuary comparable, near the surface, with Hoogly. At the entrance from the sea the Matla is around 18 metres deeps. About 50 Km. From the sea face the river braids into two channels- the Matla proper on the west and the Bidya in the east. Both the rivers move up northwards parallel to each other.

### **The Gosaba**

The river Gosaba, mainly flowing past the Gosaba Island is of considerable size. But the bending channels at its mouth make it most difficult to enter.

### **The Piyali**

It is cross stream from the Bidyadhari to the Matla. The river branches off the idyadhari 15km. below Bamanghata and flows in a south and south-westerly direction till falls into the Matla about 32 km. South part of Canning town through the Kultala Gang links the Thakuran river.

### **The Bamanghata River**

About 10 km. , east of the Matla lies the Bangaduni – a small but with comparatively deep water at its mouth. It flows in a south, south-easterly direction to meet Bay.

### **The Raimangal River**

The combined flow of the Kalindi and Jamuna flows southward as the Raimangal for 11 km. to meet the sea. The Haribhanga or Herobhanga is the western inlet of the Raimangal through which runs the international border with Bangladesh.

### **The Calchara- Curzon Creek**

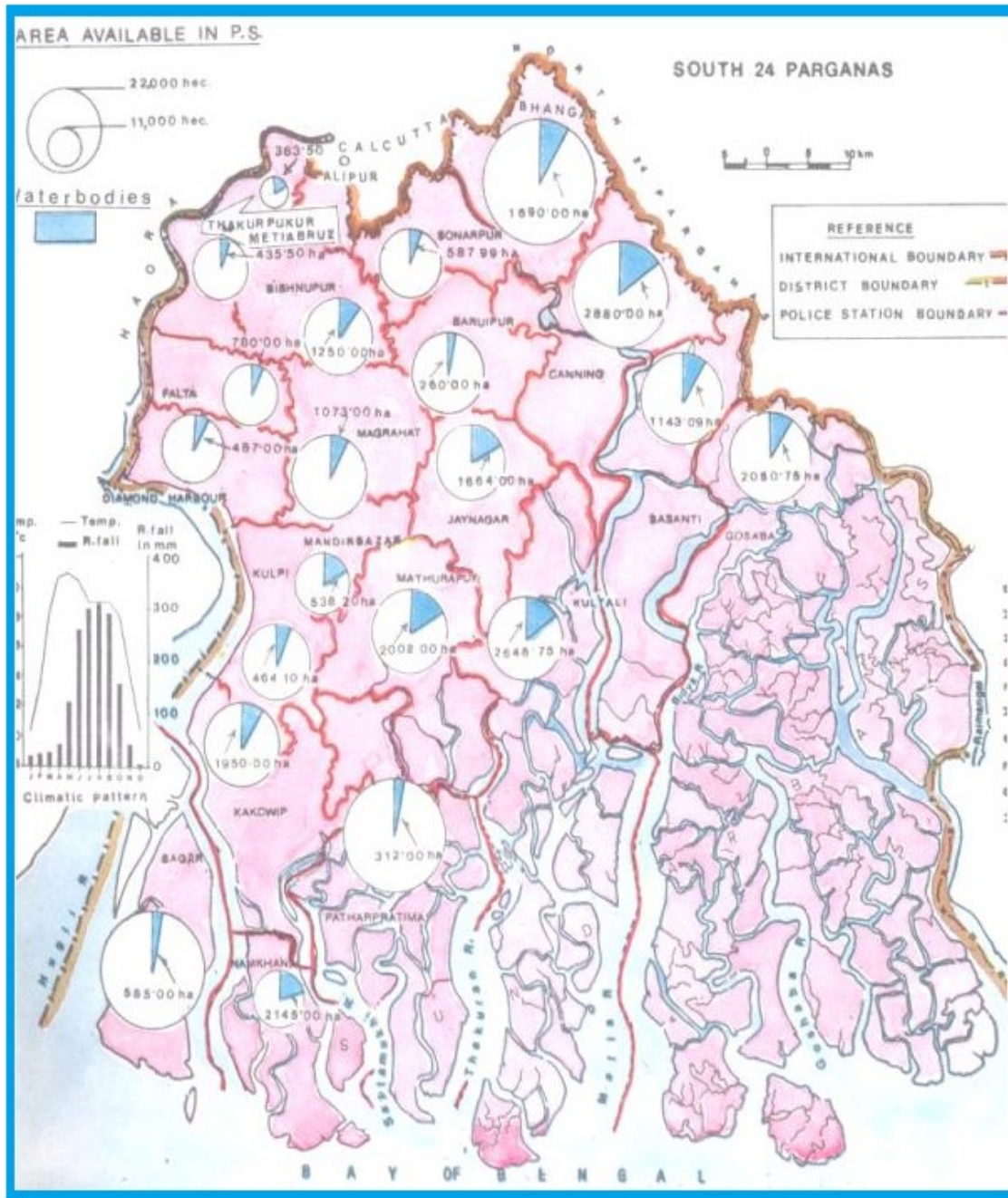
The estuary lies between the estuaries of the Saptamukhi and the Thakuran. This deep and narrow tidal basin has a greater volume of tidal influx than the two adjoining estuaries. The Curzon creek is almost an estuary in itself and finds its way into the sea in the last lap through the Saptamukhi East Galley for the last 10 km. 'The Sutarbeg-Mridangabhanga- Calchara- Curzon Creek- Saptamukhi East Galley' constitute one continuous estuarine area.

### **The Marshes and Khals**

South 24 Parganas, like other deltaic districts, is studied with marshes and swamps called 'bils' situated at the middle of the saucer-shaped depressions. The elevated tracts of these depressions

are marked by river courses. The rivers have built up high natural levees along their banks; there are also artificial protective embankments. From such high level, the ground gradually slopes downwards, forming a depressed tract between each set of two rivers. Water collected in these natural depressions drains out through tidal water courses called Khals. There are innumerable such marshes and khals in the Sundarban area of the District.

### Climate & Water bodies



## General Geomorphology and Drainage

The District is located in the Lower Gangetic Plain on the composite Gangetic Delta and is covered by the Quaternary sediments deposited by Ganga and its tributaries. The District divided into Four Geomorphic units.

- i. Deltaic Plain
- ii. Levees
- iii. Marshes
- iv. Islands of Sundarban.

The major drainages of LowerGangaBasin are Hugli, Matla, Bidyadhari, Raimangal, Saptamukhi rivers with their Tributaries/ distributaries from the main drainage in this district.

## Economy

Agriculture, Industry and Pisciculture are all at their peak in the district. Sundarbans, formerly Sunderbunds, is a vast tract of forest and saltwater swamp forming the lower part of the Ganges Delta, extending about 160 miles (260 km) along the Bay of Bengal from the Hooghly River Estuary (India) to the Meghna River Estuary in Bangladesh. The whole tract reaches inland for 60–80 miles (100–130 km).

A network of estuaries, tidal rivers, and creeks intersected by numerous channels, it encloses flat, marshy islands covered with dense forests. The name Sundarbans is perhaps derived from the term meaning "forest of sundari," a reference to the large mangrove tree that provides valuable fuel. Along the coast the forest passes into a mangrove swamp; the southern region, with numerous wild animals and crocodile-infested estuaries, is virtually uninhabited. It is one of the last preserves of the Bengal tiger and the site of a tiger preservation project. The cultivated northern area yields rice, sugarcane, timber, and betel nuts.

The region is also famous for some commonly domesticated livestock breeds which includes the Garole breed of sheep and Chinae Hans or Muscuovy ducks, the Garole sheep is considered as the progenator of the Booroola merino sheep and is noted for its prolific character. However, the wool of the sheep which can be a valuable natural asset does not find any use among the natives. Bakkhali beach resort located on one of the islands jutting out into the Bay of Bengal is gaining in popularity, with improvements in transport links with Kolkata.

## Demography

**Table 1: Area, Population, Decadal Growth Rate, Population Density and Sex Ratio (Provisional Population Totals [PPT], 2011)**

State/District	Area (Sq. Km).	Population 2011			Decadal Growth Rate 2001-2011 (%)	Population Density 2011 (Population per Sq. Km.)	Sex Ratio 2011 (No. of Females per 1000 Males)
		Persons	Males	Females			
West Bengal	88752	91347736	46927389	44420347	13.93	1029	947
South 24-Parganas	9960	8153176	4182758	3970418	18.05	819	949

Source: Census of India 2011

**Table 2: 0-6 Age Group Population, Literates and Literacy Rate by Sex (PPT, 2011)**

State/District	0-6 Population 2011			Literates 2011			Literacy Rate 2011 (%)		
	Persons	Males	Females	Persons	Males	Females	Persons	Males	Females
West Bengal	10112599	5187264	4925335	62614556	34508159	28106397	77.08	82.67	71.16
South 24-Parganas	976351	500011	476340	5639112	3120200	2518912	78.57	84.72	72.09

Source: Census of India 2011

**Table 3: Population and Decadal Growth Rate by Residence and Sex (PPT, 2011)**

State/District	Category	Population 2011			Decadal Growth Rate 2001-2011 (%)		
		Total	Rural	Urban	Total	Rural	Urban
West Bengal	Persons	91347736	62213676	29134060	13.93	7.73	29.90
	Males	46927389	31904144	15023245	13.17	7.73	26.78
	Females	44420347	30309532	14110815	14.75	7.74	33.41
South 24-Parganas	Persons	8153176	6065179	2087997	18.05	4.20	92.23
	Males	4182758	3113964	1068794	17.33	3.89	88.26
	Females	3970418	2951215	1019203	18.81	4.53	96.57

Source: Census of India 2011

**Table 4: Percentage Share of Total Population and Sex Ratio by Residence (PPT)**

State/District	Percentage Share of Total Population 2011		Sex Ratio 2011 (No. of Females per 1000 Males)		
	Rural	Urban	Total	Rural	Urban
West Bengal	68.11	31.89	947	950	939
South 24-Parganas	74.39	25.61	949	948	954

Source: Census of India 2011

**Table 5: 0-6 Age Group Population and Decadal Growth Rate of 0-6 Age Group Population by Residence and Sex (Provisional Population Totals, 2011)**

State/District	Category	0-6 Population 2011			Decadal Growth Rate of 0-6 Population 2001-2011 (%)		
		Total	Rural	Urban	Total	Rural	Urban
West Bengal	Persons	10112599	7535228	2577371	-11.40	-17.37	12.29
	Males	5187264	3860958	1326306	-10.94	-16.89	12.55
	Females	4925335	3674270	1251065	-11.89	-17.86	12.02
South 24-Parganas	Persons	976351	769949	206402	-7.02	-17.28	72.97
	Males	500011	394038	105973	-6.47	-16.80	73.65
	Females	476340	375911	100429	-7.60	-17.78	72.27

Source: Census of India 2011



**Table 6: Literates and Literacy Rate by Residence and Sex (Provisional Population Totals, 2011)**

State/District	Category	Literates 2011			Literacy Rate 2011 (%)		
		Total	Rural	Urban	Total	Rural	Urban
West Bengal	Persons	62614556	39898187	22716369	77.08	72.97	85.54
	Males	34508159	22298022	12210137	82.67	79.51	89.15
	Females	28106397	17600165	10506232	71.16	66.08	81.70
South 24-Parganas	Persons	5639112	4065797	1573315	78.57	76.78	83.62
	Males	3120200	2273552	846648	84.72	83.59	87.93
	Females	2518912	1792245	726667	72.09	69.59	79.09

Source: Census of India 2011

**Table 7: Minorities Population (2011)**

Type	Total Persons	Muslim Persons	% of Muslim	Other Minorities	% of Other Minorities	Total Minorities	% of Total Minorities
Total (29 Blocks)	5969865	2068039	34.64	51459	0.86	2119498	35.50
Total (7 Municipalities)	936824	227928	24.33	5997	0.64	233925	24.97
Total (District)	6906689	2295967	33.24	57456	0.83	2353423	34.07

Source: Census of India 2001

**Table 8: Scheduled Castes (SC) Population (2011)**

Type	Total SC Population	Male SC Population	Female SC Population	Percentage (Total SC Population)	Percentage (Male SC Population)	Percentage (Female SC Population)
Total (29 Blocks)	2051794	1059237	992557	34.37	34.44	34.29
Total (7 Municipalities)	166582	86073	80509	17.78	17.58	18.00
Total (District)	2218376	1145310	1073066	32.12	32.13	32.11

Source: Census of India 2001

**Table 9: Scheduled Tribes (ST) Population (2011)**

Type	Total ST Population	Male ST Population	Female ST Population	Percentage (Total ST Population)	Percentage (Male ST Population)	Percentage (Female ST Population)
Total (29 Blocks)	79258	40268	38990	1.33	1.31	1.35
Total (7 Municipalities)	5508	2833	2675	0.59	0.58	0.60
Total (District)	84766	43101	41665	1.23	1.21	1.25

Source: Census of India 2011

**Example of a Map on Status of Education**

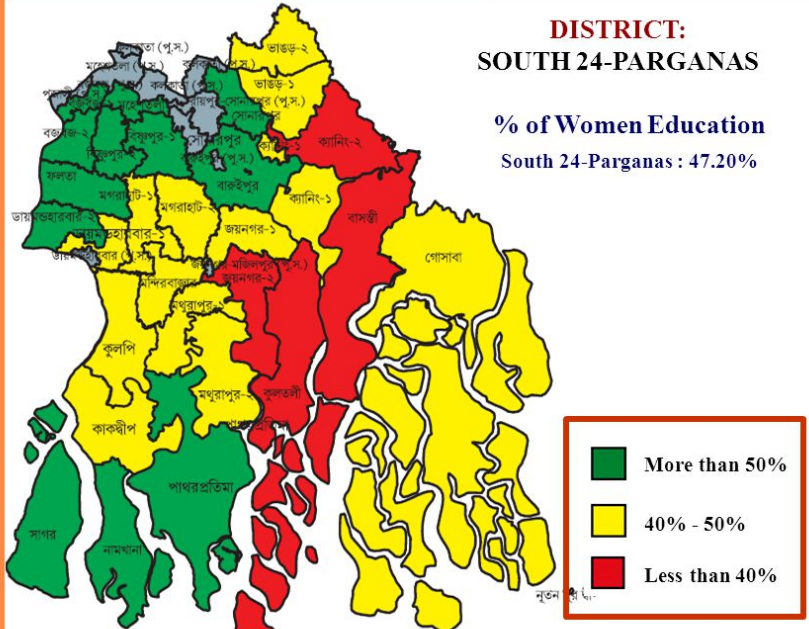


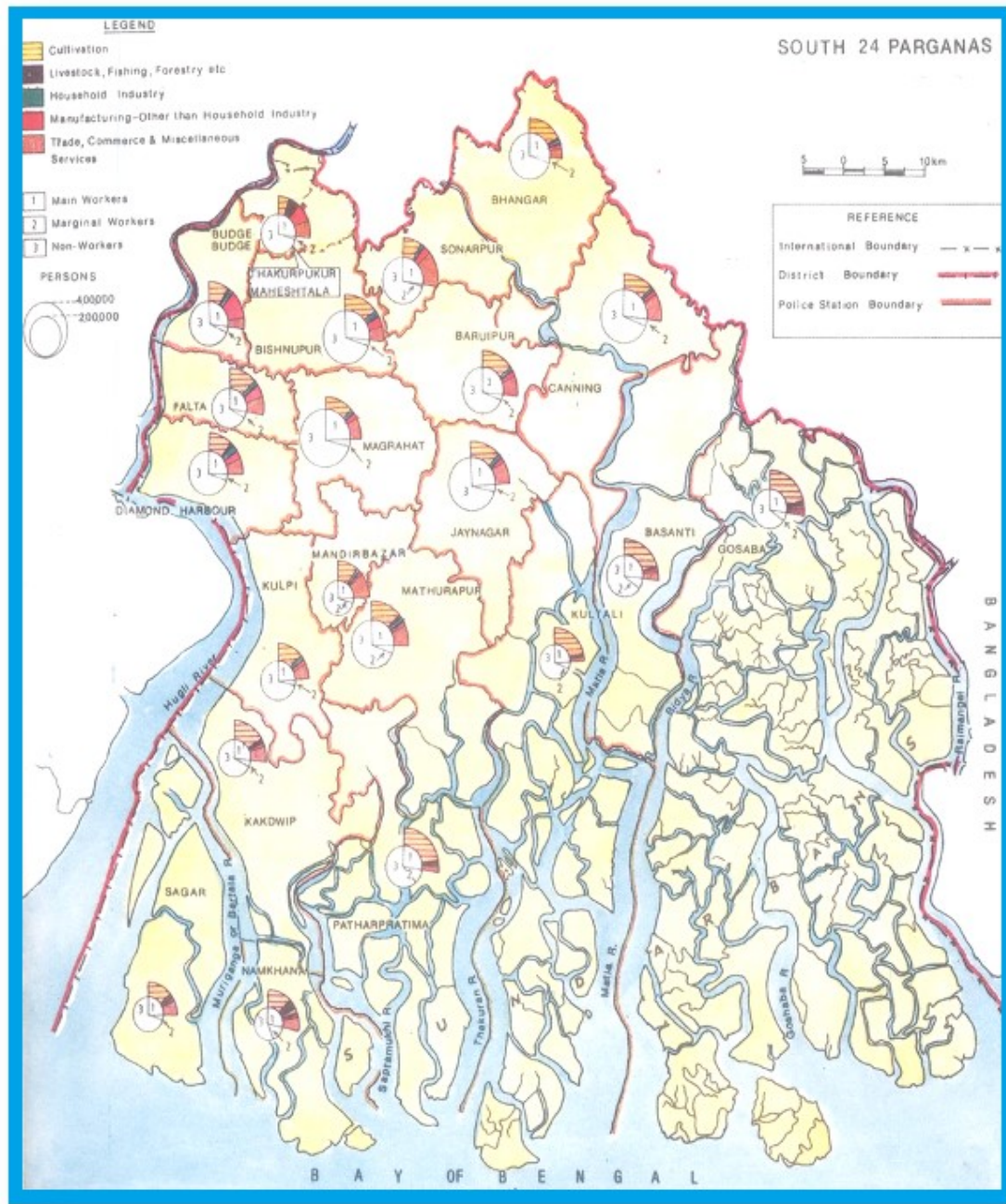
Fig: Women Literacy rate of South 24 Parganas

**Table 10: Block/Municipality wise Population (Census, 2011)**

Sl. No.	Block / Municipality	Population 2011 (Provisional Population Totals)			
		Persons	Males	Females	Others
1	Baruipur	432870	222326	210514	30
2	Basanti	336151	171549	164597	5
3	Bhangar – I	249120	127876	121237	7
4	Bhangar – II	246700	127708	118981	11
5	Bishnupur – I	232376	118888	113462	26
6	Bishnupur – II	214477	109731	104746	0
7	Budge Budge – I	112947	57866	55081	0
8	Budge Budge – II	192118	98939	93178	1
9	Canning – I	304704	155389	149304	11
10	Canning – II	252622	128926	123695	1
11	Diamond Harbour – I	155842	79814	76027	1
12	Diamond Harbour – II	190796	97898	92891	7
13	Falta	249488	127796	121690	2
14	Gosaba	246682	126204	120478	0
15	Jaynagar – I	262336	135156	127176	4
16	Jaynagar – II	251206	129082	122122	2
17	Kakdwip	281502	144272	137226	4
18	Kulpi	281597	144202	137392	3
19	Kultali	228988	117775	111213	0
20	Magrahat – I	268747	138332	130411	4
21	Magrahat – II	304702	157171	147520	11
22	Mandirbazar	211706	109277	102425	4
23	Mathurapur – I	194715	100072	94638	5
24	Mathurapur – II	220068	113790	106277	1
25	Namkhana	182728	93506	89221	1
26	Patharpratima	331605	170081	161521	3
27	Sagar	211993	109827	102165	1
28	Sonarpur	219981	112646	107330	5
29	Thakurpukur Mahestala	176239	89422	86814	3
30	Baruipur (M)	53191	26864	26321	6
31	Budge Budge (M)	76858	39819	37039	0
32	Diamond Harbour (M)	41798	21069	20729	0
33	Jaynagar Mazilpur (M)	26031	13301	12730	0
34	Maheshtala (M)	449423	231037	218379	7
35	Pujali (M)	37063	18995	18065	3
36	Rajpur Sonarpur (M)	423806	215976	207823	7
Total		8153176	4182582	3970418	176

Note: (M) stands for Municipality

## Occupational Pattern



## Topographical Details

### Climate and Rainfall

Sl. No.	Month	Average Rainfall (in mm)	Actual Rainfall (in mm)
1	JANUARY	29.01	0.0
2	FEBRUARY	30.00	7.27
3	MARCH	34.50	26.10
4	APRIL	52.41	36.78
5	MAY	108.00	100.35
6	JUNE	351.26	372.47
7	JULY	401.23	207.66
8	AUGUST	431.81	521.81
9	SEPTEMBER	367.40	276.36
10	OCTOBER	251.27	29.28
11	NOVEMBER	106.11	0.0
12	DECEMBER	41.35	0.0

### Rain Recording Stations:

- ✪ Total No. of Rain Recording stations in the District: **6 (Six)**
- ✪ Location of Rain Recording stations:

Station(where rainfall has been recorded)	Average Annual rainfall (10 years) in mm.	Average rainfall during June-August (10years) in mm.	Rainfall during the month of September ( 10years) in mm.
1. Bishnupur	1672.91	1026.00	299.97
2. Baruipur	1786.00	1086.06	334.74
3. Mathurapur	1643.17	1017.60	282.46
4. Kakdwip	1897.30	1155.87	333.75
5. Sagar	2150.38	1228.50	484.12
6. Manmathanagar (Gosaba)	2805.29	1711.77	469.37

### Month wise Highest and Lowest Temperature recorded in the District

Sl. No.	Month	Maximum Temperature (in Centigrade)	Minimum Temperature (in Centigrade)
1.	January	28.0 <sup>o</sup> c	13.0 <sup>o</sup> c
2.	February	28.6 <sup>o</sup> c	13.8 <sup>o</sup> c
3.	March	34.2 <sup>o</sup> c	14.8 <sup>o</sup> c
4.	April	35.4 <sup>o</sup> c	16.0 <sup>o</sup> c
5.	May	36.8 <sup>o</sup> c	18.8 <sup>o</sup> c
6.	June	36.2 <sup>o</sup> c	20.2 <sup>o</sup> c
7.	July	36.0 <sup>o</sup> c	23.0 <sup>o</sup> c
8.	August	34.8 <sup>o</sup> c	23.8 <sup>o</sup> c
9.	September	34.0 <sup>o</sup> c	24.4 <sup>o</sup> c
10.	October	33.6 <sup>o</sup> c	22.0 <sup>o</sup> c
11.	November	32.0 <sup>o</sup> c	16.6 <sup>o</sup> c
12.	December	28.2 <sup>o</sup> c	11.0 <sup>o</sup> c



# Topographical Map of South 24 Parganas





### Geographical Area (in Hect.)

#### Paddy

Sl.No.	Name of the Sub-Division	Agricultural Land (ha)			Grazing land	Forest Land (ha)
		High	Medium	Low		
1	Baruipur	21516	37728	25821	0.5	426895
2	Canning	13953	25117	16745		
3	D/ Harbour	25646	46239	30781		
4	Kakdwip	21178	38123	25414		
5	Sadar	4653	8459	5585		

#### Non-Paddy

Sl.No.	Name of the Sub-Division	Agricultural Land (ha)		
		High	Medium	Low
1	Baruipur	5052	1943	781
2	Canning	1102	423	171
3	D/ Harbour	4492.6	1729.3	693.1
4	Kakdwip	3550	1368	547
5	Sadar	4195	1614	648

#### Land Holding Pattern: (No. of HH)

Sl.No.	Name of the Sub-Division	Big Farmers	Marginal farmers	Small Farmers	Agricultural labourers	Landless
1	Sadar, Kakdwip, D/Harbour, Baruipur, Canning	67821	254566	79552	444692	92046

#### Crop Pattern:

Sl.No.	Name of the Sub-division	Type of Crops	Area Cultivated (in Hect.)
1	Baruipur, Canning, Diamond Harbour, Kakdwip, Sadar	Aman Paddy	352395
		Aus Paddy	3405
		Boro Paddy	50120
		Wheat	2355
		Summer & Kharif Vegetable	36846
		Winter Vegetable	26514
		Betelvine (Prod.in Motes)	2255
		Oil Seeds	14900
		Pulses	59114
		Cotton	4851
		Jute	805
		Others (Cash) Crops	41700

#### Livelihood Details

Sl. No.	Name of the Sub-division	Main Workers	Marginal Workers	Non-Workers
1	Sadar	337419	79201	885335
2	Baruipur	495200	113951	1342815
3	Canning	215656	97981	628371
4	D/Harbour	412173	140716	1283880
5	Kakdwip	217682	132781	523528



## Sundarbans – A Brief Profile

Sundarban region is demarcated by the river Hooghly on the West, the Bay of Bengal on the South, the Ichamati-Kalindi-Raimongal rivers on the east and the Dampier-Hodges line on the North. It comprises of nineteen blocks (sixteen police stations) of North 24-Parganas and South 24-Parganas Districts of the State of West Bengal. They are Basanti, Canning-I, Canning-II, Gosaba, Joynagar-I, Joynagar-II, Kakdwip, Kultali, Mathurapur-I, Mathurapur-II, Namkhana, Patharpratima and Sagar in South 24-Parganas District and Haroa, Hasnabad, Hingalganj, Minakhan, Sandeshkhali-I and Sandeshkhali-II in North 24- Parganas District. The land area measures about 9629 sq. km., of which 4493 sq. km. is inhabited by people and the rest is ReserveForest. Approximate population of Sundarban region is 45 lakhs. About 80% of the population in Sundarbans is based on agriculture.

The Sundarbans is the largest single block of tidal halophytic mangrove forest in the world. The name Sundarban can be literally translated as "beautiful jungle" or "beautiful forest" in the Bengali language. The name may have been derived from the Sundari trees that are found in Sundarbans in large numbers. Alternatively, it has been proposed that the name is a corruption of Samudraban or Chandra-bandhe (name of a primitive tribe). But the generally accepted view is the one associated with Sundari trees.

The Sundarban forest lies in the vast delta on the Bay of Bengal. The seasonally-flooded Sundarbans freshwater swamp forests lie inland from the mangrove forests on the coastal fringe. It became inscribed as a UNESCO world heritage site in 1997. The Sundarbans is intersected by a complex network of tidal waterways, mudflats and small islands of salt-tolerant mangrove forests. The interconnected network of waterways makes almost every corner of the forest accessible by boat. The area is known for the eponymous Royal Bengal Tiger (*Panthera tigris tigris*), as well as numerous fauna including species of birds, spotted deer, crocodiles and snakes. The fertile soils of the delta have been subject to intensive human use for centuries, and the ecoregion has been mostly converted to intensive agriculture, with few enclaves of forest remaining. The remaining forests, taken together with the Sundarbans mangroves, are important habitat for the endangered tiger. Additionally, the Sundarbans serves a crucial function as a protective barrier for the millions of inhabitants residing in the southern part of West Bengal and Bangladesh against the floods that result from the cyclones. The Sundarbans has also been enlisted among the finalists in the New 7 Wonders of Nature.

### Satellite image of South 24 Parganas District



This satellite image shows the forest in the protected area. The Sundarbans appears deep green, surrounded to the north by a landscape of agricultural lands, which appear lighter green, and streams, which are blue. Ponds for shrimp aquaculture, especially in Bangladesh, sit right at the edge of the protected area, a potential problem for the water quality and biodiversity of the area. The forest may also be under stress from environmental disturbance occurring thousands of kilometers away, such as deforestation in the Himalaya Mountains far to the north.

**Table 11: Population of the Sundarbans Blocks of South 24-Parganas District (Census, 2011)**

Sl. No.	Block / Municipality	Population 2011 (Provisional Population Totals)			
		Persons	Male	Female	Other
1	Basanti	336151	171549	164597	5
2	Canning - I	304704	155389	149304	11
3	Canning - II	252622	128926	123695	1
4	Gosaba	246682	126204	120478	0
5	Jaynagar - I	262336	135156	127176	4
6	Jaynagar - II	251206	129082	122122	2
7	Kakdwip	281502	144272	137226	4
8	Kultali	228988	117775	111213	0
9	Mathurapur - I	194715	100072	94638	5
10	Mathurapur - II	220068	113790	106277	1
11	Namkhana	182728	93506	89221	1
12	Patharpratima	331605	170081	161521	3
13	Sagar	211993	109827	102165	1



Sl. No.	Block / Municipality	Population 2011 (Provisional Population Totals)			
		Persons	Male	Female	Other
<b>Total</b>		<b>3305300</b>	<b>1695629</b>	<b>1609633</b>	<b>38</b>

Source: Data obtained from O/C, Census, South 24-Parganas

**Table 12: Scheduled Castes (SC) Population and Scheduled Tribes (ST) Population of the Sundarbans Blocks of South 24-Parganas District (2011)**

Type	Total	Male	Female	Percentage (Total)	Percentage (Male)	Percentage (Female)
Scheduled Castes (SC) Population	1045653	540294	505359	37.41	37.59	37.22
Scheduled Tribes (ST) Population	68787	34982	33805	2.46	2.43	2.49

Source: Census of India 2011

**Table 13: Minorities Population of the Sundarbans Blocks of South 24-Parganas District (2011)**

Type	Total Persons	Muslim Persons	% of Muslim	Other Minorities	% of Other Minorities	Total Minorities	% of Total Minorities
Minorities Population	2795154	779923	27.90	19131	0.69	799054	28.59

Source: Census of India 2011

**Table 14: Total Households and Category wise BPL Households as per Rural Household Survey, 2005 (after disposal of Claims and Objections in 2011)**

Type	Total Households	BPL Households	Percentage of BPL Households	BPL Households (SC)	BPL Households (ST)	BPL Households (Minority)	BPL Households (Others)
Sundarbans	669669	339819	50.74	53894	14728	52530	218667
District Total	1488874	655164	44.00	105863	18353	150481	380467

Source: Rural Household Survey, 2005 (after disposal of Claims and Objections in 2009)



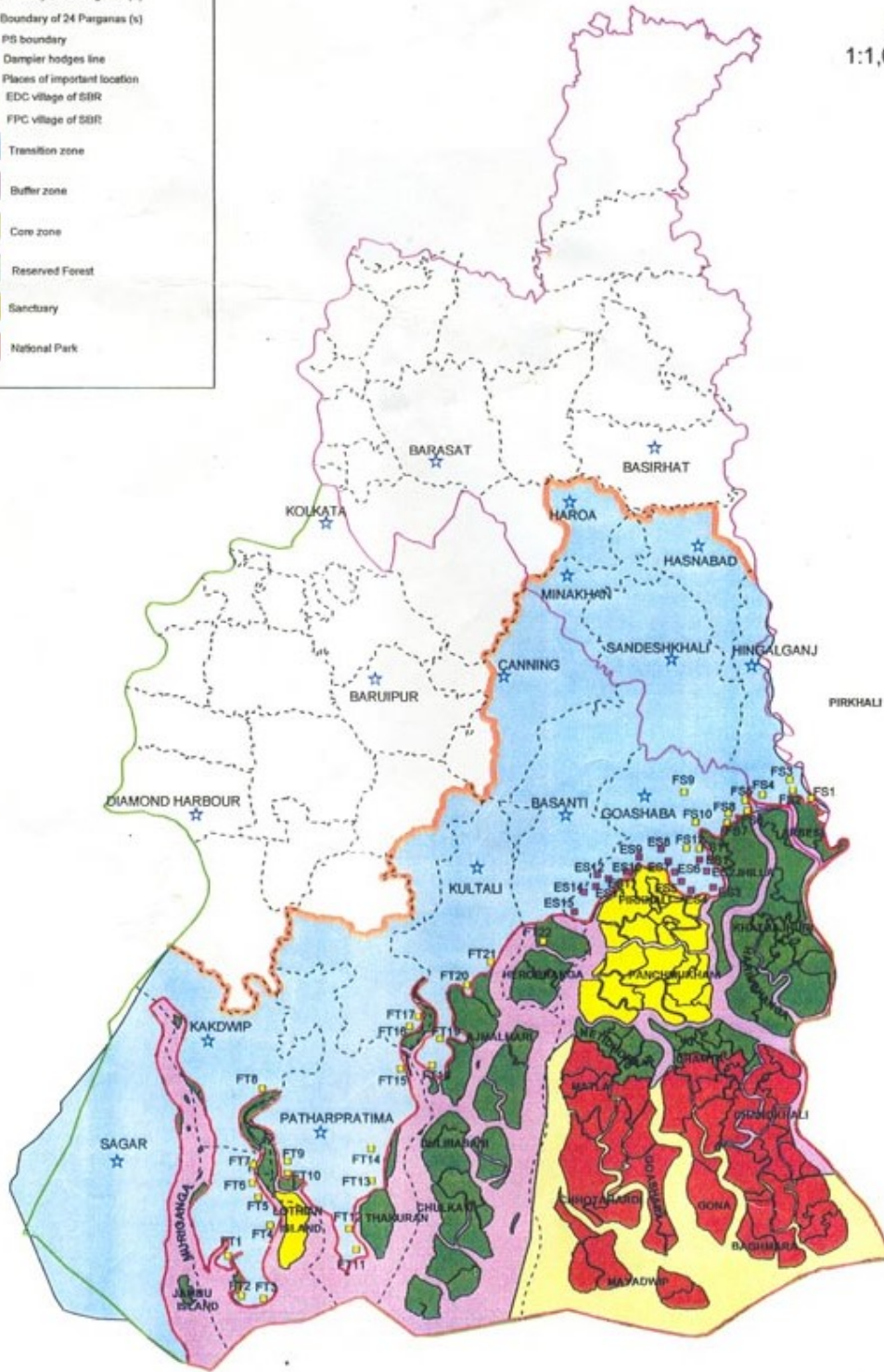
# Map of Sundarban Biosphere Reserve

## Legend

- Boundary of Sundarban Reserved Forest
- Boundary of 24 Parganas (n)
- Boundary of 24 Parganas (s)
- - - PS boundary
- Dampler hedges line
- ☆ Places of important location
- EDC village of SBR
- FPC village of SBR
- Transition zone
- Buffer zone
- Core zone
- Reserved Forest
- Sanctuary
- National Park



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**Chapter IV**  
**Standard Operating Procedure**  
**(For Sub-divisional Flood / Tsunami / Cyclone relief)**

**SALIENT GUIDELINES**

1. All officers/staffs are to report in the respective areas as soon as any incident occurs. Nobody shall wait for orders from any quarters.
2. Doctors will proceed to the affected areas with medicines etc. and their whereabouts shall have to be known to the concerned circle officers/police station/police out posts.
3. G.R etc. shall be made available in the affected areas.
4. Rescue operation shall start whenever lives are threatened. Army/ Para military forces have kindly consented to help and the help should be sought for by the respective sector officers.
5. Veterinary doctors should have a cattle census report of villages with them. They will assess the actual loss of cattle lives during disasters. They will also assess the requirement of cattle feed and place requisition to the Sub-divisional Officer through SDO. They should also keep sufficient stock of medicines/vaccines etc.
6. Officers of the Sub-division, irrespective of department and designation, shall have to be present in the Head Quarters and available for duty. In case of their absence from the Head Quarters prior to the occurrence of flood/ Tsunami/ cyclones, they will have to report immediately to the respective Head Quarters.
7. Ignorance of occurrence of any incidents shall not be an acceptable excuse for any Government functionary to dodge relief/rescue duties.
8. GR etc. provided by the Government shall be distributed only by Government servants. Others may help and guide, but cannot take responsibility of any stock.

**DUTIES AND RESPONSIBILITIES OF THE ZONAL OFFICERS**

- (a) The zonal officers shall remain in close contact with their respective sector officers. They will convey all secessions taken by the Sub-divisional officer to the sectors officers immediately.
- i. They should also liaise with the circle level flood relief committee and concerned Sub-divisional heads of offices like Medical/Vety / PHED etc.
  - ii. They shall confirm supply of sufficient copies of bank annexure-IV forms/boat requisition forms/GR requirement form and other relief materials, to their sector officers.
  - iii. They should visit all the sectors along with the sector officer together prior knowledge of the area and suggest measures to the SDO which need special attention only.
  - iv. They will assist the sector officers to form the sector level flood / Tsunami / cyclone relief committees. They should also collect names of volunteers/ NGOs to form relief & rescue parties.
  - v. They will prepare a map showing (a) The sectors (b) The highly flood prone villages indicate in yellow & orange colour only.

vi. They will identify the proposed relief camps along with the sector officer and appoint the head of the institution as the relief camp in-charge, if necessary.

vii. They must keep on informing the situation formally over telephone or any other communication.

viii. Survey & assessment of affected areas shall be carried out only by authorized Govt. officers. Any other agencies conducting similar exercise shall do so at their own expenses.

### **DUTIES OF SECTOR OFFICERS**

(a) The sector officer will visit the respective areas at least 3-4 times and collect the basic data of his sectors. He will assess the requirement of GR/other relief materials/POL for boats and submit the same to his concerned Zonal Officer/Addl. Zonal Officer.

(b) He will maintain register of GR etc. boat (both country & engine with capacity)/ POL issued etc.

(c) He will collect the necessary requirement forms etc. from the relief Branch, SDO's office well ahead.

(d) He will identify & arrange the relief camps & appoint in-charge of camp. Head of institutions, where camps are established, should be the first option for appointing as camp in-charge.

(e) He will ensure the fair & proper distribution of GR etc. and maintain the APRs simultaneously in duplicate. He will also contact, before /during the incident the concerned officers of Medical/ Vety/ PHED/ Local police/Army & Para military forces and collect their address & telephone numbers.

(f) He will maintain a population register village-wise and do the exercise to divide the village population into adult & minor population, approximately to the nearest.

(g) He will identify all the roads/ bridges/ culverts, standing crop areas/ habitation structures, embankments, dykes and keep records of everything.

(h) He will form a sector level/flood relief committee in consultation with his zonal officer/addl. zonal officer immediately with the following members:

1. Sector Officer Chairman
2. Secy. of the nearest GP Secretary
3. The president/VP pf. the GPs Members
4. The local head masters of school, active NGOs, nearest police station/out post personnel as members

The Sector Officer should keep all records properly & neatly and hand over the records to his zonal officer as soon as the flood relief operation is declared over.

### **Actions to be performed by all Heads of the Line Departments**

i. All Sub-divisional heads of the department will supervise, control and give guidance regarding services to be rendered and relief measures to be undertaken by his department.

ii. He will coordinate the matters relating to floods, Cyclones or Tsunamis among zonal officers and district officers under his control.

iii. Coordinate with the DC/SDO in rendering assistance in relief work by his subordinate officers.

iv. Issue detailed instructions to his subordinate formations regarding duties and responsibilities at different levels and at different stages of relief operations viz., before, during and after disasters, nature and extent of initial preparation for the incident, built up and maintenance of tools, equipment and other stores.

v. Send the daily/ weekly/ fortnightly/monthly report about the real situation and measures taken by the department to the Control Room.

**SOP of line departments during different stages of floods/Cyclones/Tsunamis:**

***Operating Procedure for Agricultural Department:***

***Before Flood/Cyclone/Tsunami:***

1. SDAO will undertake extension measures in the generally affected areas and advice the farmers about the use of flood / Cyclone / Tsunami tolerant varieties and other cultural practices as per the latest result of research available.

2. He will advise the dates after which sowing/ transplanting should not be undertaken and advice on the suitable cropping patterns.

3. The SDAO will visit the generally the affected areas and classified as most vulnerable to least vulnerable areas

a. Make an assessment along with the Revenue staff of the acreage under crops and number of cultivators likely to be affected in each of the areas and forward the same to the Deputy Commissioner, South 24 Parganas;

b. Prepare a block-wise agricultural map showing areas under different crops of the flood/tsunami/cyclone affected areas and forward a copy to each to the Deputy Commissioner, South 24 Parganas;

c. Assess requirement of and assist DC in arranging seeds, seedlings and manures for grant; agricultural loans in cash and kind (seed, seedlings, manures, agricultural implements, bullocks, etc.);

d. Assess requirement and arrange for pesticides for protection of crops after the incident and tools and plants for relief works.

***During Flood/Cyclone/Tsunami:***

On receipt of flood/cyclone/Tsunami warning SDAO will-

a. Alert all his subordinate officers and field staff;

b. Check stock of seeds, manures, implements etc. and make arrangements for raising seedlings; and

c. Draw up a tentative programme for relief works

On occurrence of the incident, he will keep in constant touch with the DC/SDO. He will-

a. Immediately collect agricultural statistics along with Revenue staff about acreage under crops affected by flood/Cyclone/tsunami damage to crops and number of cultivators involved;

b. Arrange distribution of agricultural inputs in consultation with the SDO;

- c. (i) render technical guidance to the needy cultivators for salvage and protection of surviving crops and raising of such varieties of crops as may be suitable during the season or in the next crop season;
- (ii) Arrange for spraying of pesticides, where necessary; and
- (iii) Approach Flood Control Department for removal of excessive sand deposits in agricultural fields which cannot be removed by an individual farmer's efforts.
- He will constantly visit the flood affected areas to ensure effectiveness of agricultural relief and rehabilitation measures.

***After Flood/Cyclone/Tsunami:***

After the flood relief operation he will-

- i. Restore the tools and plants;
- ii. Repair the damaged tools and plants;
- iii. Dispose of undistributed seeds and manures etc., which cannot be kept for use beyond a particular crop season.

***Operating Procedure for Education Department:***

***Before Flood/Cyclone/Tsunami:***

1. The Inspector of Schools

- (i) prepare a list of govt. and aided schools in the most vulnerable to least vulnerable areas(zone/sector wise) showing particulars of building i.e. location, accommodation in sq. meters etc. in respect of each school and forward a copy of the list to the D.C./S.D.O.
- (ii) prepare a list of teachers and other staff who may be available from each school for flood/cyclone/tsunami relief work id so required by the DC/SDO and forward a copy of the list to the DC/SDO.
- (iii) collect from the O/C, NCC of the district a list of suitable NCC cadets(zone/sector wise), who will be available for relief work if required by DC/SDO and forward a copy of the same to the DC/SDO.

***During Flood/Cyclone/Tsunami:***

On receipt of warning he will-

- i. Request with intimation to DC/SDO-
- a. School authorities to alert the teachers and other staff as per list prepared vide 1(ii) above; and
- b. O/C, NCC to alert the NCC cadets as list obtained vide 2(iii) above, to be ready to move for flood/cyclone/tsunami relief duties as soon as requisitioned by DC/SDO;
- ii. Order for closure of a school, the building of which has been requisitioned by the DC/SDO for utilizing as evacuation/ relief centre.
- (Except under special circumstances a school building is not requisitioned for more than 15 days.);
- iii. Order for closure of any school in the flood affected areas if necessary upto 15 days. He will take the approval of the DPI of closure of a school beyond this period is considered necessary.

3. Visit the affected areas and assess if any educational concession/ assistance is required to be given to the affected students/ institutions due to disasters. If so, draw up scheme on priority



basis and submit to government in Education Department through DC/SDO (copy to DPI for sanction and allotment of funds)

***Operating Procedure for Forest Department:***

***Duties of Divisional Forest Officer before Flood/Cyclone/Tsunami:***

1. The Divisional Forest Officer will visit the generally the affected areas and classified under most vulnerable to least vulnerable areas

(i) take precautionary measures against unauthorized occupation of forest land or lifting of forest produce or damage to the forest by the affected people; who might take shelter in those forests; and

(ii) make a rough assessment of firewood, poles, thatch and any other material used for constructing temporary huts which will be available in the forests located nearest to those affected areas.

***During Flood/Cyclone/Tsunami:***

On receipt of request from the SDO, the DFO/SDFO will-

i. Issue permission for lifting poles, grass and other materials for constructing huts and firewood for government relief work. He will indicate the forests from which the supplies will be taken. The materials will be collected by officers of PWD or other Civil officers in direct charge of the works by making prior arrangement with the forest officer-in-charge so as to avoid any indiscriminate removal of forest produce or damage to the forests.

ii. Lend tents, tarpaulins etc., as available, for opening of relief camps, if required, and also ensure that these are collected as soon as the relief operation is over; and

iii. Issue permission to remove forest produce at prescribed royalty rates to the affected people on a certificate of the DC/SDO or an officer nominated by him.

*Note: Great care should be taken that these concession do not strike at the root of the safety of the forests themselves and their conservation.*

***Operating Procedure for Health Department:***

***Before Flood/Cyclone/Tsunami:***

The Sub-divisional Medical & health Officer will visit the affected areas, classified under most vulnerable to the least vulnerable.

(1) Prepare -

(i) A list of hospitals, primary health centers, dispensaries and other institutions located in these areas;

(ii) A list of doctors and para-medical staff already available in each of the areas and the numbers of additional hands of each category that may be required in each of the areas in case of acute floods/Tsunamis or cyclones;

(iii) A list of doctors and para-medical staff of different category who can be withdrawn from their places of work and their services utilized for relief work;

(2) Ensure that adequate stocks of medicines, vaccines and disinfectants likely to be necessary are kept at the district and sub-divisional headquarters;

- (3) keep ready in the district/sub-divisional headquarters material for -
  - (i) Augmenting the hospital beds by at least 10 in case of necessity; and
  - (ii) Opening one camp dispensary for each of the most vulnerable areas.
- (4) Arrange for mobilizing at short notice two medical relief teams at the district headquarters so as to rush them for relief work;
- (5) Prepare a detailed plan for utilizing the doctors, nurses and other staffs, material resources and other voluntary organizations in the district during flood/cyclone/tsunami if so required; and
- (6) Take measures for prevention of epidemic and arrange vaccinations against small pox, cholera/typhoid or any water borne diseases of the people in those areas.

***During Flood/Cyclone/Tsunami:***

A. On receipt of flood/cyclone/tsunami warning, he will –

- (1) Alert the doctors and para-medical staff for floods;
- (2) Inform S.D.O./S.D.P.O. for arranging transport for staff and ambulance services to be available at short notice, if departmental vehicles are not available; and
- (3) Check personnel, equipment and medical stores.

B. On occurrence of the incident he will –

- (1) Maintain close touch with the S.D.O.
- (2) Immediately visit the affected areas along with one medical relief team;
- (3) Start measure for health relief at a primary health center /dispensary/sub-center, if such an institution is located conveniently in those affected areas;
- (4) Make immediate arrangements to open camp dispensaries in the affected areas if the existing health institutions can not cover the areas;
- (5) Decide immediately whether isolation of certain patients is necessary and desirable and, if so, construct temporary isolation beds in the primary health center/dispensary as may be convenient. He will also post the required additional staff for maintaining the isolation.
- (6) Decide whether hospitalization of certain patients is necessary and if so establish temporary hospital facilities in the nearest PHCs/hospitals. He will also post the required staff for maintaining the hospital facilities. He will also arrange transport for the patients to the hospital;
- (7) (i) Decide the extent of the health measures to be taken and work out whether additional medical relief teams could be required. If so, he will mobilize staff within his district and deploy them. If the staff is not sufficient or cannot be disturbed, he will telegraphically request the director of health services/principal of the nearest medical college to send medical relief team from the medical college;
- (ii) Entertain for short period additional para-medical and grade-IV staff, as may be absolutely necessary;
- (8) Utilize the services of Red Cross and the voluntary organizations, as may be forthcoming, in rendering relief in the affected areas ;
- (9) Arrange other relief measures like disinfections of water sources, vaccination, health education etc. from the nearest P.H.C. with the help of staff attached to those institutions; and
- (10) Frequently visit the affected areas and ensure effectiveness of health measures.

***After Flood/Cyclone/Tsunami:***

He / She will –

- (1) Restore equipment and stores;
- (2) Repair/replace damaged equipment; and
- (3) Arrange for disposal of unutilized medicines and disinfectants.

**The D.H.S. will arrange**

- (1) (i) training of general public in the most vulnerable areas to the Flood/Cyclone/Tsunami, health education measures which are to be implemented prior to the Monsoon season, through specially prepared mass media, like posters, pamphlets, filmstrips and cinema shows;
- (ii) printing of adequate numbers of health education materials and sending them to the D.H.Os

(2) With the principals of the medical collages that they keep ready six medical relief teams, each consisting of about 10 doctors and supporting staff so that the teams can be rushed to the affected areas at a very short notice. The teams should be equipped to move with their own medicines, tents, food stuff, cooking utensils, lanterns, etc. so that they can function as self-contained units without depending on the D.H.Os.

(3) Through the training of medical officers and para medical personnel covers medical care and prevention of epidemics during natural calamities, refresher's course will be arranged by the D.H.S. with emphasis on special problems on care and prevention during and after Flood/Cyclone/Tsunami.

The course may consist of –

- a. first-aid course by demonstration and practice;
- b. prevention of epidemics lectures and practical demonstration in application of insecticides and disinfectants and disposal of dead bodies etc. ; and
- c. Emergency sanitation-lectures and demonstration on purification of water, disposal of sewage, construction of temporary latrines, maintenance of cleanliness.

***Operating Procedure for Inland Water Transport Department:***

***Before Flood/Cyclone/Tsunami:***

A. The SDO/SO, Inland water Transport will visit the affected areas, classified as most to least vulnerable and he will

1. Keep all vessels, marboats, single boats in fit for operation condition;
2. Check the personnel and arrange the tools and plants, spares and other stores for relief operation; and
3. Prepare an estimate of POL consumption per hour and total carrying capacity available of relief boats and other vessels and inform the DC/SDO.

***During Flood/Cyclone/Tsunami:***

B. On receipt of Flood/Cyclone/Tsunami warning the SDO/SO, IWT will maintain close touch with the DC/SDO and will-

1. Alert his subordinates to keep themselves ready for the incident;

2. finalize the arrangement for deployment of relief boats and other vessels with necessary tools and plants and other stores;
3. draw up tentative programme for carrying out duties; and
4. Take up with E.E., I.W.T., South 24 Pargans for arranging additional vessels, stores, and spares, if necessary.

C. On occurrence of Flood/Cyclone/Tsunami, he will take action as follows:

1. Place the relief boats and other vessels as directed by the S.D.O. to the affected areas and start relief operation;
3. Undertake constant tours to the affected areas and ensure adequacy of the arrangements made.

**After Flood/Cyclone/Tsunami:**

After the operation, he / She will-

1. Restore relief boats, other vessels' equipments and stores; and
2. Take steps for repair to damaged boats/vessels.

***Operating Procedure for Irrigation Department:***

***Duties of the Exe. Engineer/ Asst. Exe. Eng., Irrigation Dept. before Flood/Cyclone/Tsunami:***

A. Executive Engineer/ Asst. Exe. Eng., Irrigation, will visit all irrigation works in his jurisdiction with special emphasis to the most vulnerable to least vulnerable areas, and he will

1. Check and ensure that the canals and other structures for irrigation in these areas are in good condition;
2. Check against unauthorized construction likely to damage any structures of irrigation department;
3. Assess requirement and arrange for tools and plants and other stores;
4. Keep vehicles, tractors, bull-dozer etc. under his division in good running condition;
5. for test relief work in the vulnerable areas –
  - a. prepare tentative list of works; and
  - b. Check provision already made in approved schemes for these areas.

***During Flood/Cyclone/Tsunami:***

On receipt of early warning, he will –

1. Keep close touch with the D.C./S.D.O.
2. Alert staff : and
3. Check –
  - a. Arrangement for tools and plants, stores etc. : and
  - b. Vehicles, trucks, bull-dozer etc.

***On occurrence of Flood/Cyclone/Tsunami, he will –***

1. Visit the irrigation works in the affected areas;
2. Lend to S.D.O. materials (if available), for temporary relief camp, vehicles etc. if required ;
3. Assess requirement and deploy staff for –
  - a. Suggesting to S.D.O. for undertaking of irrigation works on test relief and rendering him technical assistance as necessary; and
  - b. Staking safety measures for protection of irrigation canals and other irrigation works.

4. Frequently visit the affected areas and ensure measures for safety of irrigation structures ; and
5. For test relief –
  - a. Finalise list and start works; and
  - b. Take up labour intensive item of any approved plan scheme in the areas by engaging affected people.

***After Flood/Cyclone/Tsunami:***

After the operation he will –

1. Restore tools and plants, stores etc.;
2. Repair/replace damage tools and plants; and
3. Collect materials, vehicles etc. lent to S.D.O.

***Operating Procedure for Public Works Department:***

***Before Flood/Cyclone/Tsunami:***

A. The Asst. Executive Engineer will visit the generally the affected areas(most to least vulnerable), which are within his jurisdiction and he will

1. Ensure that -

- (i) The road-side materials are stacked in proper places as are not to be washed away during floods/tsunamis or water logging ;
- (ii) The passage of all cross drainage works (bridges and culverts) is clear, free from obstructions to allow easy flow of the flood water ;
- (iii) The protective works, as exist in culverts and bridges and road approaches flanking such structure will have been repaired as necessary;
- (iv) The bailey bridges, single boats engine driven mar boats, bull dozers, road rollers, trucks and other vehicles of the division are in good running condition ;
- (v) Materials for constructing temporary bridges and camps for P.W.D. workers are available in stock according to the limit prescribed by the Chief Engineer, P.W.D.; and
- (vi) Soundings are taken as necessary for structures, situated below the water level as obtaining in April, and necessary drawings prepared for subsequent reference during the incident.

2. Assess stocks of C.I. sheets, tarpaulins and other materials as are generally used for tents and temporary huts in relief camps, which may be available for lending to the S.D.O., if required ;

3. Assess and prepare list of staff of different categories for duties in the affected areas and make necessary arrangement; and

4. Arrange reserve stock of tools and plants and other stores at scales prescribed by the Chief Engineer, PWD

***During Flood/Cyclone/Tsunami:***

On receipt of early warning, he will –

1. Under emergent conditions keep constant and continuous contacts with the concerned Deputy Commissioner/Civil sub-Divisional officers;
2. Alert his subordinate staff for the upcoming disasters; and
3. Draw up tentative programme of the measures to be taken.



On occurrence of Flood/Cyclone/Tsunami, he will –

1. Immediately visit the affected areas;
2. Assess requirement and deployment staff for –
  - i. Keeping round the clock vigil of the roads, bridges etc, which are threatened by the incident;
  - ii. Restore communication within the shortest time possible in all National High ways, state roads and District roads in consultation with the superintending engineer. In case of village roads at least Pedestrian traffic has to be restored;
  - iii. Keeping proper vigil that no unauthorized cuts are made in P.W.D. roads for draining out of flood water; and
  - iv. Taking measures for –
    - a. Preservation of P.W.D. building and other works in the affected areas; and
    - b. Prevention of encroachment on Government lands under his charge.
3. Report telegraphically of the road submergence to the D.C., S.E.C.E. and Secretary, P.W.D. immediately after the occurrence indicating concisely the location and extent of submergence, the fact of closure of traffic ;
4. Report telegraphically the nature and extent of damage during Flood/Cyclone/Tsunami even where there is no subsidence or after subsidence of flood water, as the case may be and if the traffic is closed as a result thereof;
5. Press into service bailey bridges, single boats, engine-driven mar boats, vehicles ( as available) for rescue operations and tran-shipment of marooned people, livestock etc. as may be required by D.C./S.D.O., for the position of mar boats and single boats.

*Note:A fleet of relief boats (single-engine driven or ordinary as may be suitable or capable of plying in shallow and rough water ) may, as far as practicable, be maintained and kept at different ferry points in the most vulnerable areas so as to press them into service in case of any Flood/Cyclone/Tsunami.*

6. Render technical assistance as may be required by the S.D.O. in constructing temporary huts in relief camps and in other test relief works, such as repairs to damaged village roads, culverts, bridges, new village roads etc. ; and
7. Lend C.I. sheets/tarpaulins/other building materials, as available, when required by the S.D.O. for constructing temporary huts in relief camps and obtain written receipt from the officer deputed for such purpose by the S.D.O.

***After Flood/Cyclone/Tsunami:***

He will –

1. Restore tools and plants;
2. Repair/replace damaged tools and plants;
3. Collect materials, if any, lent to S.D.O. for creating temporary structures in relief camps;
4. Take steps for repairs to damaged roads, culverts, bridges and buildings and other structures borne in the books of P.W.D.;
5. Telegraphically report to D.C., S.E., C.E., and Secretary, P.W.D. as soon as after restoration of communication and also intimate the expenditure/liability uncured thereof;
6. Prepare detailed estimate which should also include the expenditure/liability incurred for restoration of traffic, giving the cost appraisal for restoration of the road surface/structures to the original condition and submit together with the statement.

***Operating Procedure for Public Health Engineering Department:***

***Before Flood/Cyclone/Tsunami:***

A. The Executive Engineer/ Asst. Executive Engineer, Public Health Engineering will visit the affected areas (most to least vulnerable), and he will

1. Assess measures likely to be required for safe water supply in these areas;
2. Prepare –
  - i. A list of engineering personnel of different categories already available in the nearest PHE divisions and the number of additional hands that may be required in each area in case of heavy water logging/floods/Tsunamis ;
  - ii. A list of engineering personnel of different categories who, in case of necessity can withdraw from their place of work and utilized for relief work;
3. Arrange for mobilizing at short notice two PHE teams at the district headquarters to rush them for relief work;
4. Ensure adequate stocks of –
  - a. Equipment and materials for sinking tube-well, ring well, water reservation etc., in the relief camps and other places in the affected areas; and
  - b. Camp materials and other stores for workers and keep them in appropriate places;
  - c. Keep the departmental vehicles in good running condition.

***During Flood/Cyclone/Tsunami:***

A. On receipt of early warning, he will –

- ii. Alert subordinate officers and staff; /
- iii. Check vehicles, equipment, stores etc.; and
- iv. Draw up tentative programme of action.

B. On occurrence of Flood/Cyclone/Tsunami, he will –

- i. keep close touch with the D.C./SDO.
- ii. Visit the flood affected areas immediately with one PHE team and start water supply measures;
- iii. Assess extent of water supply measures required and deploy necessary staff. If the staff available in the district is not sufficient to cope with the situation, arrange through C.P.H.E., additional staff; and
- iv. Constantly visit the affected areas and ensure adequate safe water supply measures.

***After Flood/Cyclone/Tsunami:***

A. After the operation, he will –

- i. Restore tools and equipment, stores etc. ; and
- ii. Repair/replace damaged tools and equipment.

***Operating Procedure for Police Department:***

***Duties of Sub-divisional Police Officer before Flood/Cyclone/Tsunami:***

A. The S.D.P.O. will visit the generally affected areas (least vulnerable and most vulnerable areas) and he will

1. (i) prepare a list indicating the number of police personnel and home guards likely to be deployed in addition to the police personnel in the existing police stations and out posts in each such areas. He will indicate his requirement of home guard through district magistrate;  
(ii) Take into consideration the police measures taken in the respective areas during the past 2-3 years, the list regarding the home guards will be prepared by him in consultation with the Commandant, Home Guards of the district;
2. Keep the police vehicles, equipment etc. in good working condition;
3. Prepare a tentative list of vehicles likely to be required for requisition for patrolling, rescue operation, evacuation of affected people, live-stock, transport of relief workers and carrying relief articles;
4. Arrange for required number of police wireless sets to be kept in readiness for temporary installation in the affected areas; and
5. Stock the required equipment and stores.

***During Flood/Cyclone/Tsunami:***

**B.** On receipt of the early warning, the S.D.P.O. will –

1. Alert the police personnel to be ready for relief operations;
2. In respect of the home guards as per list prepared under para A.1 (i) request the district magistrate to call for the services of the home guards to issue directions;
3. Draw up tentative programme of action by police personnel and home guards; and
4. Check vehicles, equipment and stores for relief operation.

**C.** On the occurrence of Flood/Cyclone/Tsunami, the S.D.P.O. will maintain close contact with the D.C./S.D.O./S.P. He will be responsible for –

1. Maintenance of law and order;
2. Collection of intelligence report about the incidence of crime following the Flood/Cyclone/Tsunami and take effective measures to prevent and investigate such crimes;
3. Assisting in rescue operation and evacuation or transfer of affected people to relief camps or safer places;
4. Helping strayed persons to re-establish contact with members of their families or relations;
5. Taking care and salvaging property including livestock of the affected people;
6. Posting of police guards at vital installations and arranging guard for relief materials at the relief camps;
7. Rendering assistance in restoration of means of communications (police wireless will be commissioned if necessary);
8. Arranging special patrol on lines of communications, along with relief materials are carried;
9. Arranging required number of vehicles in addition to the available police vehicles, by requisition or otherwise; and
10. Undertaking constant tours for effective police measures.

***After Flood/Cyclone/Tsunami:***

**D.** After the relief operation he will –

1. Restore vehicles, equipment and camp materials; and
2. Repair/replace damaged equipment.

***Operating Procedure for Veterinary Department:***

***Before Flood/Cyclone/Tsunami:***

A. Sub-divisional Animal Husbandry and Veterinary Officer will visit the generally the affected areas and he will

1. Assess requirements of veterinary measures to be taken in these areas and arrange –
  - i. veterinary assistant surgeons, veterinary field assistants and other staff
  - ii. Equipments, medicines, vaccines, disinfectants etc;
  - iii. Materials for opening first aid centers and camp dispensaries;
  - iv. To locate suitable high places for sheltering live-stock from affected areas;
  - v. mobilizing at short notice two or more veterinary teams at the district headquarters for relief work in case of an emergency ;
  - vi. Keeping at prescribed scales all essential equipments, medicines, vaccines, disinfectants in every hospital dispensary, first aid Centre in these areas in these areas to be readily available for relief;
  - vii. Fodder like hay and green grass from live-stock fodder farms or from the other sources; and
  - viii. Measures for prevention/combating a situation like wide-spread disease in epidemic form among animals.

2. Assist the Deputy Commissioner in arranging with local traders for supplying animal feed at reasonable price if required during the disasters; and

3. Prepare a veterinary map for these areas showing veterinary hospitals, dispensaries, first aid Centre, A.I. sub-centres and cattle populations covered by each of these institutions and forward a copy each to D.C. and Director of Animal Husbandry and Veterinary.

***During Flood/Cyclone/Tsunami:***

B. The S.D.A.H. & V.O. on receipt of flood warning will –

1. Alert the subordinate officers and field staff;
2. Check and arrange personnel stores, equipment, vehicles etc. ; and
3. Draw up tentative programme of relief work.

C. On occurrence of Flood/Cyclone/Tsunami, he will –

1. Keep close touch with the D.C/S.D.O. ;
2. Visit the Flood/Cyclone/Tsunami affected areas immediately with a veterinary relief team and start relief measures;
3. Arrange with the help of S.D.O. shifting of live-stock to suitable high places;
4. Assess extent of veterinary services requires and deploys necessary staff. If the staff available for relief work in the district is not sufficient, arrange drafting of additional staff from out side the district through the Director of Animal Husbandry and Veterinary;
5. open first aid centre and camp, dispensaries if the existing first aid centers, dispensaries if the existing first aid centers, dispensaries and hospitals are not sufficient ;
6. (i) assist public in taking preventive measures against any epidemic among live-stock ; and  
(ii) Take measures to vaccinate all susceptible livestock against such diseases;
7. Arrange and distribute feed and fodder for the animals as directed by the S.D.O.; and
8. Constantly visit the affected areas and ensure effectiveness of the measures.

### ***After Flood/Cyclone/Tsunami:***

D. After the flood he will –

1. Restore equipment and stores;
2. Repair or replace damaged equipment;
3. Arrange disposal of balance medicines or replenish stock of medicine and stores;
4. Take steps for repair of damaged veterinary buildings.

### ***Operating Procedure for Publicity Department:***

#### ***Before Flood/Cyclone/Tsunami:***

The District Information and Public Relation Officer will generally visit the affected areas and he will –

- (1) Make an assessment of the publicity requirements of the compact zones in the sub-division as mentioned above;
- (2) make a list of the requirements of staff for deployment of publicity units in the zones for publicity works;
- (3) Keep the departmental vehicles in good running condition for publicity duties in the affected areas;
- (4) Arrange for equipment, POL for vehicles, etc. necessary for publicity works in these areas; and
- (5) Intimate the Deputy Commissioner, Sub-divisional Officer requirement of vehicles, if departmental vehicles are not sufficient. He will keep close liaison with the Deputy Commissioner/Sub-Divisional Officer and the district level officers of the department directly concerned with relief operation, namely – Flood/Cyclone/Tsunami Control, Agriculture, P.W.D., P.H.E., I.W.T, Police, Forest, Social Welfare and Education for giving advance publicity as may be necessary prior to the occurrence of Flood/Cyclone/Tsunami through all available media.

He will ensure that the facilities for press communications remain undisturbed during the Monsoon season

- (1) Utilize the police radio channel for transmission of urgent and important press messages, when necessary; and
- (2) Maintain close liaison with the local press and all media heads stationed in the district including the directorate of field publicity, Government of India and secure their co-operation in the publicity measures.

#### ***During Flood/Cyclone/Tsunami***

On receipt of the early warning he will –

- (1) Alert the staff;
- (2) Check personnel and equipment ; and
- (3) Arrange publicity, through available means, of warning in the areas likely to be affected by Flood/Cyclone/Tsunami and instruction for evacuation of people from the very vulnerable areas as may be required by the Deputy Commissioner.

On occurrence of Flood/Cyclone/Tsunami he will –

- (1) Immediately visit the affected areas and ascertain the publicity requirements;
- (2) Continue to maintain close liaison with the D.C./S.D.O.s and other officers as mentioned above
- (3) Deploy publicity units fully equipped, as may be necessary to assist the D.C./S.D.O. in carrying out publicity works in the flood affected areas ;



- (4) If the staff and equipment available at his disposal are not sufficient, request the Director of Information and Public Relations at once to deploy Publicity units from outside his district;
- (5) Install P.A. systems in the evacuation/relief centers as may be required by the D.C./S.D.O.;
- (6) issue press messages by all available means timely and regularly to the All India Radio, newspapers and to the Joint Director of Information and Public Relations, Dispur regarding the situation and relief measures ; and
- (7) Frequently visit the affected areas to ensure effectiveness of the publicity measures.

***Operating Procedure for Social Welfare Department:***

***Before Flood/Cyclone/Tsunami:***

The District Social Welfare Officer will generally visit the affected areas, which are within his jurisdiction, and will

- (1) (i) make arrangements for mobile units of maternity and child welfare centers likely to be necessary in the affected areas ;
- (ii) Draw up nutrition programme for the children below 6 years and expectant/nursing mothers in flood prone areas;
- (iii) Make arrangement for taking care in the relief centers of orphans, in firms and destitute; and
- (iv) Assess requirement and arrange for milk powder, baby food etc.

(2) Make –

- (i) A list and the facilities of voluntary social welfare organizations located in the district which may be associated, in case of necessity, in relief operation; and
  - (ii) A list of personnel for rendering services in the relief centers .
- (3) keep vehicles in good running condition.

***During Flood/Cyclone/Tsunami:***

On receipt of the early warning he will –

- (1) keep constant touch with the SDO; and
- (2) Alert personnel for floods.

On occurrence of Flood/Cyclone/Tsunami, he will –

1. See that orphans, infirms and destitute accommodated in the relief/evacuation center are properly taken care of;
2. Requisition the services of the voluntary social welfare organizations for rendering assistance as and when necessary;
3. Organize running of kitchen, if required by the SDO;
4. Shift the destitute, where necessary, to the destitute homes; and
5. Arrange and supply milk powder, baby food etc. to the children, expectant/nursing mothers as per nutrition programme.

## Chapter V

### Action Plans for Disaster Management- 2023 (Preparedness, Response and Mitigation)

#### *MULTI – HAZARD DISASTER MANAGEMENT PLAN*

##### **Introduction**

Situated at the funnel shaped Bay head in the eastern sea board of India, South 24-Parganas, the largest district of West Bengal is also one of the most densely populated one with a population of over 70 lakhs at present. The Sundarban Biosphere Reserve which is home to hundreds of species of animals, birds & plants, is also located in this District. Owing to its unique geographical location the entire 'Sundarban Biosphere Reserve' and especially the 13 thickly populated riverine blocks of the district are under constant threat of powerful nor'westers, bay cyclones, tidal surges and constant change of courses by the numerous distributaries in the active part of the delta. The basin like islands, till date protected by about 3500 Km. long earthen embankments which are mostly 150 years old are being weakened everyday by the swirling currents that scour at their bases and by tidal surges coupled with strong winds.

Being a part of the active delta of the Ganga, South 24-Parganas is basically a district of islands interspersed by many streams and a maze of innumerable distributaries and fearfully wide tidal creeks. It is very sad to admit that to most of these islanders' wide roads, safe water transport, safe jetties or bridges, electricity or telephones are till date – distant dreams. They do not have many strong and high buildings that can be used as shelters during large scale disasters and they hardly have any large vessel to help large scale evacuation.

As such there is a need of having a well organised Disaster Management set-up armed with a properly designed Multi-Hazard Disaster Management Plan to cope with the vagaries of natural disaster.

## OBJECTIVE OF THE PLAN

Being a disaster prone district as mentioned above the 'District Disaster Management Plan' is prepared with the following objectives in mind:-

- 1) Development of district specific Disaster Management framework.
- 2) Risk and vulnerability analysis of the hazards.
- 3) Development of District Disaster Preparedness and Mitigation Plan.
- 4) Development of Crisis Management System, so as to ensure quickest possible relief to the disaster affected people to minimize their sufferings and rehabilitating them with optimal utilisation of Resources.
- 5) To maintain proper liaison among the Disaster Managers, Community and Volunteers for achieving the above objectives.

## Disasters

Disasters are a combined result of hazards and vulnerabilities. They occur when the adjustment capacity of the affected communities and individuals exceeds their ability to cope with a crisis. It is an extreme state of everyday life in which the continuity of community structures disrupts temporarily but trailing behind it a long-term infrastructure and economic development to maintain normalcy for years together.

### Types of Disasters

The common disasters experienced in the District are listed below.

<b>Natural Disaster</b>	<b>Human Induced Disasters</b>
<b>Cyclone</b>	<b>Fire</b>
<b>Tidal Wave</b>	<b>Food Contamination</b>
<b>Flood</b>	<b>Boat Capsize</b>
<b>Water logging</b>	<b>Arsenic Contamination</b>
<b>Hail Storm / Whirl wind</b>	<b>Accident- Road &amp; Railway</b>
<b>Lightning Strike</b>	<b>Industrial</b>
<b>Inundation of Saline water</b>	<b>Chemical Hazards</b>

## History of Disaster and Probability of Disaster episodes in the District

Type of Hazard	Year of Occurrence	Area affected	Impact of Life	Live stock	Remark
Cyclone	2006	1. Budge-Budge-II	Mild	Affected to a great extent	Possibilities of damaging dwelling houses particularly in coastal area
		2. Kultali	Severe		
		3. Joynagar-II	Moderate		
		4. Canning-I	Do		
		5. Gosaba	Severe		
		6. Basanti	Do		
		7. Mathurapur-II	Moderate		
		8. Kulpi	Severe		
		9. Kakdwip	Do		
		10. Namkhana	Do		
		11. Sagar	Do		
		12. Patharprotima	Do		
		2009 (AILA)	All Blocks of this district	Severe	Affected to a great extent
	2019 (FANI)	All Blocks of this district	Severe	Affected to a great extent	Possibilities of damaging dwelling houses particularly in coastal area
	2019 (BULBUL)	All Blocks of this district	Severe	Affected to a great extent	Possibilities of damaging dwelling houses particularly in coastal area
Flood	1978	All Blocks of this district	Severe	Affected to a great extent	Possibility damage of kutcha houses is very highy.
	1986	1. Budge-Budge-II	Mild		
		2. Kultali	Severe		
		3. Joynagar-II	Moderate		
		4. Canning-I	Do		
		5. Gosaba	Severe		
		6. Basanti	Do		
		7. Mathurapur-II	Moderate		
		8. Kulpi	Severe		
		9. Kakdwip	Do		
		10. Namkhana	Do		
		11. Sagar	Do		
		12. Patharprotima	Do		
Flood like Situation	2015	All Blocks of this district	Severe	Affected to a great extent	Possibility damage of kutcha houses is very highy
Boat Capsize	2010	Kakdiwp	Severe	Affected to a great extent	
	2018	Kakdiwp	Moderate	Affected to a great extent	
	2019	Kakdiwp, Mathurapur-II	Moderate	Affected to a great extent	

Type of Hazard	Year of Occurrence	Blocks	Mouzas	Impact of Life	Live stock	Remark
Drought	1998-99	1. Kakdwip	5	Moderate	affected to a great extent	Possibility of damage of crops for want of sufficient water.
		2. Sonarpur	12	-Do-		
		3. Baruipur	5	-Do-		
		4. Bishnupur	2	-Do-		
		5. Basanti	6	-Do-		
		6. Canning-II	5	-Do-		
		7. Gosaba	23	-Do-		
		8. Mograhat-I	4	-Do-		
		9. Mathurapur-I	6	-Do-		
		10. Patharprotima	2	-Do-		
<b>Total</b>			<b>70</b>			

**Major Disaster faced by South 24 Parganas District and its financial loses incurred in the year- 2019- "Severe Cyclone Bulbul"**

Damage		Relief Given			
Blocks Affected	19	Relief Camps Opened	141		
GPs Affected	165	Gruel Kitchen Opened	141		
Total people affected	1199282	No. of People Evacuated	75,069		
Death	9	Ex-gratia @ 2 lakh given	12 persons		
Missing	7				
House Damaged (fully)	289185	Tarpauline distributed	291287		
		Garments distributed	224145		
House Damaged (partially)	5287	Disaster Mgt. Kit distributed (in unit)	251400		
		Sp. GR Rice distributed (MT)	3915.15		
		Kerosene distributed (in litre)	229550		
		Hurricane distributed (in pcs)	30077		
Farmers affected	689107	Seeds (Paddy, Mustard, Sunflower, Maize, Khesari, Green Gram, Lentil, Pea, Sesamum) in MT	823.8		
Cultivable area affected (Ha)	333815				
Paddy	313059				
Pulses	2000				
Vegetables	16318				
Oil seeds	1000			Fertilizer in MT	48.8
Betelvine	1438			P.P. Chemicals (Pesticide) in MT	1.7
Large animal death	165	219 Mobile Health Camps for animals were organized in 163 GPs			
Small Animal death	324				
Cattle shed damaged	16265			440 Qtl of animal fodder was distributed	
Fishermen Affected	177989	221 MT Lime and 5.6 MT Potassium Permanganate distributed through Gram Panchayats.	Rs. 92.7 lakh		
Fishery area affected (Ha)	2206.3				
Boat Damaged (in nos.)	322				
Sub-Stations affected	21	All the sub-stations were restored. Almost all the electric poles have been restored. HT fully restored and except few LT lines, rest have been restored			
DTR damaged	6684				
Poles damaged (in nos.)	84556				
Trees damaged	139000	Damaged trees were immediately removed from roads & residential areas			
PW SS damaged	39	Water pouch supplied (in nos)	601000		
		Water tanker for temporary supply	15		
Total embankment damaged (KM)	57.99	Immediate repair & strengthening of vulnerable portion of embankments were carried out			
Area of Sundarban forest damaged (in Sq KM)	1660	Relief materials were distributed to the people living in remote forest area through forest officials 5 Medical Camps were organized for forest dwellers			



## Major Disaster faced by South 24 Parganas District and its financial loses incurred in the year-2020- "Super Cyclone Amphan"

DAMAGE		RELIEF		REHABILITATION
Blocks affected	29	Relief camps opened	1,288	Massive relief operation undertaken by civil, police and forest administration
GPs affected	310	Gruel / Community kitchen opened	1,493	
Municipalities affected	7	No. of people evacuated (lakh)	3.07	
People affected (lakh)	73			
Death	25	Ex-gratia @ 2.5 lakh per death (lakh)	62.5	Ex-gratia given to all 25 death cases
Major injured persons	68	Financial assistance @ Rs. 0.50 (lakh)	34	Financial assistance given to 68 persons
Minor injured persons	195	Financial assistance @ Rs. 0.25 (lakh)	48.75	Financial assistance given to 195 persons
House damaged (full)	2,22,758	Tarpauline distributed (lakh)	7.09	House building grant disbursed 2,23,280 nos., amount Rs. 446.56 crore [Rs. 20,000 each] for fully damaged house. Assistance is given through MGNREGA convergence @ Rs. 28,000 per household under IBS.
		Garments distributed	5,10,325	
		Spl. GR rice distributed (MT)	5,021	
		Disaster Mgt. kit distributed	2,30,000	
House damaged (severe)	6,79,930	Hurricane distributed	14,910	Also house building grant disbursed 6,80,916 nos amount Rs. 340.46 crore [Rs. 5,000 each] for severely damaged houses.
		Solar lantern distributed	1,205	
		Masks distributed (lakh)	7.2	
		Sanitizer distributed (ltr.)	1,192	
Farmers affected	5,11,082	No. of Farmers received financial assistance (lakh)	3.66	No. of krishak bandhu (farmers) eligible for financial relief : 3,76,850 Amount: Rs. 60 crore
Cultivable area affected (hectare)	96,963	Financial sanction (crore)	55.48	
Paddy (hectare)	60,654	Paddy seed mini kit distributed (MT)	529	Other in put 20.60 MT
Pulses (hectare)	32,037			
Jute (hectare)	705			
Oil seeds (hectare)	3,262			
Cotton (hectare)	305			
Betelvine /Paan Boroj damaged (hectare)	2,477	No. of farmers received financial assistance	71,404	Financial relief sanctioned for 99,080 farmers for Paan Boroj of Rs. 49.5 crore. Assistance is also given through MGNREGA convergence @ Rs. 15,000 per farmer's household.
Affected Paan Boroj	99,080	Financial sanction (crore)	35.702	
Other horticulture damage (hectare)	28,249			
Animal affected (lakh)	40.25	Animal health camps	976	Amount sanctioned 4.5 crore for 4,876 farmers who have lost cattle.
Animal death	10,40,332	Animals treated (lakh)	3.62	
		Farmers benefited	4,876	
		Amount disbursed (crore)	4.5	
Cattle shed damaged	42,866	Animal feed & fodder distributed (MT)	173.68	Amount sanctioned for the rehabilitaiton of fishery farmenrs : 19.56 crore
Fishermen affected (lakh)	4.29	Lime distributed (MT)	2,709.5	
Fishery area affected (hectare)	31,257	Potasium permanganet distribution (MT)	54.24	
Fully damaged boats (nos.)	3,378	Beneficiaries of fully damaged boat @ Rs.10,000	3,378	
Partly damaged boats (nos.)	2,477	Beneficiaries of partly damaged boat @ Rs. 5,000	2,477	
Hundi damaged (nos.)	42,063	Beneficiaries of Hundi @ Rs.300	42,063	
Net damaged (nos.)	29,701	Beneficiaries of Net @ Rs.2600	29,701	
Sub-stations affected	51	Sub-stations restored	51	Power restored to all consumers
DTR damaged	414	DTR restored	414	
H.T. poles damaged (nos.)	37,409	Poles restored	1,33,839	
L.T. poles damaged (nos.)	96,430			
11 KV feeder damaged	297	11 KV feeder restored	297	
33 KV feeder damaged	97	33 KV feeder restored	97	
Rural roads damaged (KM)	731	Ongoing MGNREGA Schemes: 432 No. of roads-3,323; Length of road : 731 KM		Restoration works under MGNREGA & 14th finance taken up
Public water supply system damaged (PWSS)	177	Public water supply system restored	177	Tubewell Mark-II sanctioned : 2000 nos. Amount involved Rs. 53 crore of which 1355 completed.
		Water pouches supplied (lakh)	85.5	
Tubewells damaged (Nos.)	2,027	No. of water tankers supplied water	5,180	
		Tube wells boring completed	1,355	
Total embankment damaged (KM)	66.6	In convergence with irrigation Department 405 nos. of MGNREGA shemes have been taken up		Immediate repair & strengthening of vulnerable portion of embankments have been done.
Embankment breaches (Nos.)	42			
Embankment breaches (KM)	6.24			
Sea dyke damaged (KM)	2.31			
Area of sundarban forest damaged (in Sq. KM)	3,990	Damaged trees were immediately removed from roads & residential areas		5.50 crore mangrove plantation in convergence with MGNREGS. Area involved 2500 hectare. already planted 1 crore saplings.

**Major Disaster faced by South 24 Parganas District and its financial loses incurred in the year-  
2021- "Cyclone Yaas"**

**Cyclone "YAAS" Damage:**

No. of Affected Blocks	21 nos.
Affected GPs	130, [Fully-51, Partly-79]
Affected Municipality	04 nos.
Affected Wards	11 [Fully-5, Partly-6]
Agriculture	<ul style="list-style-type: none"> <li>▪ No. of Blocks affected - 17</li> <li>▪ No. of Mouja notified - 604</li> <li>▪ Area inundated with ingressed saline water - 1,00,956 ha</li> </ul>
Horticulture	<ul style="list-style-type: none"> <li>▪ Total area affected- 25,241.5 ha</li> <li>▪ Paan Boroj affected- 1,564.5 ha</li> </ul>
Fisheries	<ul style="list-style-type: none"> <li>▪ Water area affected: 14,007.70 ha</li> <li>▪ Water bodies affected: 68,926 nos.</li> <li>▪ No. of Fishermen Affected: 80,125</li> </ul>
ARD	<ul style="list-style-type: none"> <li>▪ Animal &amp; bird loss: 89,332 nos.</li> <li>▪ Animal and poultry shed: 38,698 Nos.</li> </ul>
Embankment	<ul style="list-style-type: none"> <li>▪ Length of damaged river embankments including sea-dykes as per Irrigation Divisions (km)-190.383 km</li> <li>▪ No of Breach Points-148</li> <li>▪ No. of Locations-72, Length- 4.585 km.</li> </ul>

**Cyclone "YAAS" Relief:**

Total persons evacuated	3.76 lakh
Relief Camp opened	1,746 nos.
Gruel/Community Kitchen	1,946 nos.
Tarpauline	4.30 lakh pieces
Spl. GR (Rice)	2,139.95 MT
Garments	1.15 lakh families
Baby Food	2.8 M.T
Chira	15 M.T
Gur	3.75 M.T
Animal feed and Fodder distributed	5.27 MT

**"Duare Tran" Report:**

Department	Total applications received	Approved by District Magistrate & DBT Done	Total fund released (in Crore)
Disaster Management	1,14,885	43,863	39.36
Horticulture	10,032	3,546	1.77
Fisheries	72,224	40,062	18.10
Agriculture	2,72,685	2,69,556	40.81
MSME	6,619	574	0.45
Animal Resources Development	59,668	1,538	1.22
L & LR	273	30	0.02
<b>Total</b>	<b>5,36,386</b>	<b>3,59,169</b>	<b>101.72</b>

# Different types of Natural Calamities

## Cyclones

### Do's & Don'ts

#### Before the Cyclone season:

- Check the house; secure loose tiles and carry out repairs of doors and windows
- Remove dead branches or dying trees close to the house; anchor removable objects such as lumber piles, loose tin sheets, loose bricks, garbage cans, sign-boards etc. which can fly in strong winds
- Keep some wooden boards ready so that glass windows can be boarded if needed
- Keep a hurricane lantern filled with kerosene, battery operated torches and enough dry cells
- Demolish condemned buildings
- Keep some extra batteries for transistors
- Keep some dry non-perishable food always ready for use in emergency

#### Necessary actions

The actions that need to be taken in the event of a cyclone threat can broadly be divided into :

- Immediately before the cyclone season
- When cyclone alerts and warnings are communicated
- When evacuations are advised
- When the cyclone has crossed the coast

#### When the Cyclone starts

- Listen to the radio (All India Radio stations give weather warnings).
- Keep monitoring the warnings. This will help you prepare for a cyclone emergency.
- Pass the information to others.
- Ignore rumors and do not spread them; this will help to avoid panic situations.
- Believe in the official information
- When a cyclone alert is on for your area continue normal working but stay alert to the radio warnings.
- Stay alert for the next 24 hours as a cyclone alert means that the danger is within 24 hours.

#### When your area is under cyclone warning get away from low-lying beaches or other low-lying areas close to the coast

- Leave early before your way to high ground or shelter gets flooded
- Do not delay and run the risk of being marooned
- If your house is securely built on high ground take shelter in the safe part of the house. However, if asked to evacuate do not hesitate to leave the place.
- Board up glass windows or put storm shutters in place.
- Provide strong suitable support for outside doors.
- If you do not have wooden boards handy, paste paper strips on glasses to prevent splinters. However, this may not avoid breaking windows.
- Get extra food, which can be eaten without cooking. Store extra drinking water in suitably covered vessels.
- If you have to evacuate the house move your valuable articles to upper floors to minimize flood damage.
- Ensure that your hurricane lantern, torches or other emergency lights are in working condition and keep them handy.

- Small and loose things, which can fly in strong winds, should be stored safely in a room.
- Be sure that a window and door can be opened only on the side opposite to the one facing the wind.
- Make provision for children and adults requiring special diet.
- If the centre of the cyclone is passing directly over your house there will be a lull in the wind and rain lasting for half an hour or so. During this time do not go out; because immediately after that, very strong winds will blow from the opposite direction.
- Switch off the electrical mains in your house.
- Remain calm.

#### When Evacuation is instructed

- Pack essentials for yourself and your family to last a few days. These should include medicines, special food for babies and children or elders.
- Head for the proper shelter or evacuation points indicated for your area.
- Do not worry about your property
- At the shelter follow instructions of the person in charge.
- Remain in the shelter until you are informed to leave

#### Post-cyclone measures

- You should remain in the shelter until informed that you can return to your home.
- You must get inoculated against diseases immediately.
- Strictly avoid any loose and dangling wires from lamp posts.
- If you have to drive, do drive carefully.
- Clear debris from your premises immediately.
- Report the correct losses to appropriate authorities

## Floods

### Do's & Don'ts

#### What to do before a flood

To prepare for a flood, you should:-

- Avoid building in flood prone areas unless you elevate and reinforce your home.
- Elevate the furnace, water heater, and electric panel if susceptible to flooding.
- Install "Check Valves" in sewer traps to prevent floodwater from backing up into the drains of your home.
- Contact community officials to find out if they are planning to construct barriers (levees, beams and floodwalls) to stop floodwater from entering the homes in your area.
- Seal the walls in your basement with waterproofing compounds to avoid seepage.
- 

If a flood is likely to hit your area, you should:

- Listen to the radio or television for information.
- Be aware that flash flooding can occur. If there is any possibility of a flash flood, move immediately to higher ground. Do not wait for instructions to move.
- Be aware of streams, drainage channels, canyons, and other areas known to flood suddenly. Flash floods can occur in these areas with or without such typical warnings as rain clouds or heavy rain.

If you must prepare to evacuate, you should:

- Secure your home. If you have time, bring in outdoor furniture. Move essential items to an upper floor.
- Turn off utilities at the main switches or valves if instructed to do so. Disconnect electrical appliances. Do not touch electrical equipment if you are wet or standing in water.

If you have to leave your home, remember these evacuation tips:

- Do not walk through moving water. Six inches of moving water can make you fall. If you have to walk in water, walk where the water is not moving. Use a stick to check the firmness of the ground in front of you.
- Do not drive into flooded areas. If floodwaters rise around your car, abandon the car and move to higher ground if you can do so safely. You and the vehicle can be quickly swept away.

## Heat Waves

### Do's and Don'ts

**Heat Wave conditions** can result in physiological strain, which could even result in death. To minimize the impact during the heat wave and to prevent serious ailment or death because of heat stroke, you can take the following measures:

- ✓ Avoid going out in the sun, especially between 12.00 noon and 3.00 p.m.
- ✓ Drink sufficient water and as often as possible, even if not thirsty
- ✓ Wear lightweight, light-coloured, loose, and porous cotton clothes. Use protective goggles, umbrella/hat, shoes or chappals while going out in sun.
- ✓ Avoid strenuous activities when the outside temperature is high. Avoid working outside between 12 noon and 3 p.m.
- ✓ While travelling, carry water with you.
- ✓ Avoid alcohol, tea, coffee and carbonated soft drinks, which dehydrates the body.
- ✓ Avoid high-protein food and do not eat stale food.
- ✓ If you work outside, use a hat or an umbrella and also use a damp cloth on your head, neck, face and limbs
- ✓ Do not leave children or pets in parked vehicles
- ✓ If you feel faint or ill, see a doctor immediately.
- ✓ Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. which helps to re-hydrate the body.
- ✓ Keep animals in shade and give them plenty of water to drink.
- ✓ Keep your home cool, use curtains, shutters or sunshade and open windows at night.
- ✓ Use fans, damp clothing and take bath in cold water frequently.

### TIPS FOR TREATMENT OF A PERSON AFFECTED BY SUNSTROKE:

- ☞ Lay the person in a cool place, under a shade. Wipe her/him with a wet cloth/wash the body frequently. Pour normal temperature water on the head. The main thing is to bring down the body temperature.
- ☞ Give the person ORS to drink or lemon sarbat/torani or whatever is useful to rehydrate the body.
- ☞ Take the person immediately to the nearest health centre. The patient needs immediate hospitalization, as heat strokes could be fatal.

### Acclimatization

People at risk are those who have come from a cooler climate to a hot climate. You may have such a person(s) visiting your family during the heat wave season. They should not move about in open field for a period of one week till the body is acclimatized to heat and should drink plenty of water. Acclimatization is achieved by gradual exposure to the hot environment during heat wave.



## Tsunami

### Do's & Don'ts

- You should find out if your home, school, workplace, or other frequently visited locations are in tsunami hazard areas along sea-shore.
- Know the height of your street above sea level and the distance of your street from the coast or other high-risk waters. (Local administration may put sign boards).
- Plan evacuation routes from your home, school, workplace, or any other place you could be where tsunamis present a risk.
- If your children's school is in an identified inundation zone, find out what the school evacuation plan is.
- Practice your evacuation routes.
- Use a Weather Radio or stay tuned to a local radio or television station to keep informed of local watches and warnings.
- Talk to your insurance agent. Homeowners' policies may not cover flooding from a tsunami. Ask the Insurance Agent about the benefits from Multi-Hazard Insurance Schemes.
- Discuss tsunamis with your family. Everyone should know what to do in a tsunami situation. Discussing tsunamis ahead of time will help reduce fear and save precious time in an emergency. Review flood safety and preparedness measures with your family.

### If you are in an area at risk from tsunamis

- ☛ You should find out if your home, school, workplace, or other frequently visited locations are in tsunami hazard areas.
- ☛ Know the height of your street above sea level and the distance of your street from the coast or other high-risk waters. (Local administration may put sign boards). Also find out the height above sea level and the distance from the coast of outbuildings that house animals, as well as pastures or corrals.
- ☛ Plan evacuation routes from your home, school, workplace, or any other place you could be where tsunamis present a risk. If possible, pick areas (30 meters) above sea level or go as far as 3 kilometres inland, away from the coastline. If you cannot get this high or far, go as high or far as you can. Every meter inland or upward may make a difference. You should be able to reach your safe location on foot within 15 minutes. After a disaster, roads may become blocked or unusable. Be prepared to evacuate by foot if necessary. Footpaths normally lead uphill and inland, while many roads parallel coastlines. Follow posted tsunami evacuation routes; these will lead to safety. Local emergency management officials can advise you on the best route to safety and likely shelter locations.
- ☛ If your children's school is in an identified inundation zone, find out what the school evacuation plan is. Find out if the plan requires you to pick your children up from school or from another location. Telephone lines during a tsunami watch or warning may be overloaded and routes to and from schools may be jammed.
- ☛ Practice your evacuation routes. Familiarity may save your life. Be able to follow your escape route at night and during inclement weather. Practicing your plan makes the appropriate response more of a reaction, requiring less thinking during an actual emergency situation.
- ☛ Use a Weather Radio or stay tuned to a local radio or television station to keep informed of local watches and warnings.

- ❖ Talk to your insurance agent. Homeowners' policies may not cover flooding from a tsunami. Ask the Insurance Agent about the benefits from Multi-Hazard Insurance Schemes.
- ❖ Discuss tsunamis with your family. Everyone should know what to do in a tsunami situation. Discussing tsunamis ahead of time will help reduce fear and save precious time in an emergency. Review flood safety and preparedness measures with your family.

### If you are visiting an area at risk from tsunamis

- Check with the hotel or campground operators for tsunami evacuation information and find out what the warning system is for tsunamis. It is important to know designated escape routes before a warning is issued.
- One of the early warning signals of a tsunami is that the sea water recedes several metres, exposing fish on shallow waters or on the beaches. If you see the sea water receding, you must immediately leave the beach and go to higher ground far away from the beach.
- Protect Your Property
- You should avoid building or living in buildings within 200 meters of the high tide coastline.
- These areas are more likely to experience damage from tsunamis, strong winds, or coastal storms.
- Make a list of items to bring inside in the event of a tsunami.
- A list will help you remember anything that can be swept away by tsunami water.
- Elevate coastal homes.
- Most tsunami waves are less than 3 meters. Elevating your house will help reduce damage to your property from most tsunamis.
- Take precautions to prevent flooding.
- Have an engineer check your home and advise about ways to make it more resistant to tsunami water.
- There may be ways to divert waves away from your property. Improperly built walls could make your situation worse. Consult with a professional for advice.
- Ensure that any outbuildings, pastures, or corrals are protected in the same way as your home. When installing or changing fence lines, consider placing them in such a way that your animals are able to move to higher ground in the event of a tsunami.

### What to Do if You Feel a Strong Coastal Earthquake

If you feel an earthquake that lasts 20 seconds or longer when you are in a coastal area, you should:

- ✓ Drop, cover, and hold on. You should first protect yourself from the earthquake damages.
- ✓ When the shaking stops.
- ✓ Gather members of your household and move quickly to higher ground away from the coast. A tsunami may be coming within minutes.
- ✓ Avoid downed power lines and stay away from damaged buildings and bridges from which Heavy objects might fall during an aftershock.
- ✓ If you are on land
- ✓ Be aware of tsunami facts. This knowledge could save your life! Share this knowledge with your relatives and friends. It could save their lives!
- ✓ If you are in school and you hear there is a tsunami warning,
- ✓ You should follow the advice of teachers and other school personnel.
- ✓ If you are at home and hear there is a tsunami warning.

- ✓ You should make sure your entire family is aware of the warning. Your family should evacuate your house if you live in a tsunami evacuation zone. Move in an orderly, calm and safe manner to the evacuation site or to any safe place outside your evacuation zone. Follow the advice of local emergency and law enforcement authorities.
- ✓ If you are at the beach or near the ocean and you feel the earth shake,
- ✓ Move immediately to higher ground, DO NOT wait for a tsunami warning to be announced. Stay away from rivers and streams that lead to the ocean as you would stay away from the beach and ocean if there is a tsunami. A regional tsunami from a local earthquake could strike some areas before a tsunami warning could be announced.
- ✓ Tsunamis generated in distant locations will generally give people enough time to move to higher ground. For locally-generated tsunamis, where you might feel the ground shake, you may only have a few minutes to move to higher ground.
- ✓ High, multi-storied, reinforced concrete hotels are located in many low-lying coastal areas. The upper floors of these hotels can provide a safe place to find refuge should there be a tsunami warning and you cannot move quickly inland to higher ground.
- ✓ Homes and small buildings located in low-lying coastal areas are not designed to withstand tsunami impacts. Do not stay in these structures should there be a tsunami warning.
- ✓ Offshore reefs and shallow areas may help break the force of tsunami waves, but large and dangerous wave can still be a threat to coastal residents in these areas.
- ✓ Staying away from all low-lying areas is the safest advice when there is a tsunami warning.
- ✓ If you are on a boat,
- ✓ Since tsunami wave activity is imperceptible in the open ocean, do not return to port if you are at sea and a tsunami warning has been issued for your area. Tsunamis can cause rapid changes in water level and unpredictable dangerous currents in harbours and ports.
- ✓ If there is time to move your boat or ship from port to deep water (after a tsunami warning has been issued), you should weigh the following considerations:
- ✓ Most large harbours and ports are under the control of a harbor authority and/or a vessel traffic system. These authorities direct operations during periods of increased readiness (should a tsunami be expected), including the forced movement of vessels if deemed necessary. Keep in contact with the authorities should a forced movement of vessel be directed.
- ✓ Smaller ports may not be under the control of a harbor authority. If you are aware there is a tsunami warning and you have time to move your vessel to deep water, then you may want to do so in an orderly manner, in consideration of other vessels.
- ✓ Owners of small boats may find it safest to leave their boat at the pier and physically move to higher ground, particularly in the event of a locally-generated tsunami.
- ✓ Concurrent severe weather conditions (rough seas outside of safe harbor) could present a greater hazardous situation to small boats, so physically moving yourself to higher ground may be the only option.
- ✓ Damaging wave activity and unpredictable currents can affect harbours for a period of time following the initial tsunami impact on the coast. Contact the harbor authority before returning to port making sure to verify that conditions in the harbor are safe for navigation and berthing.

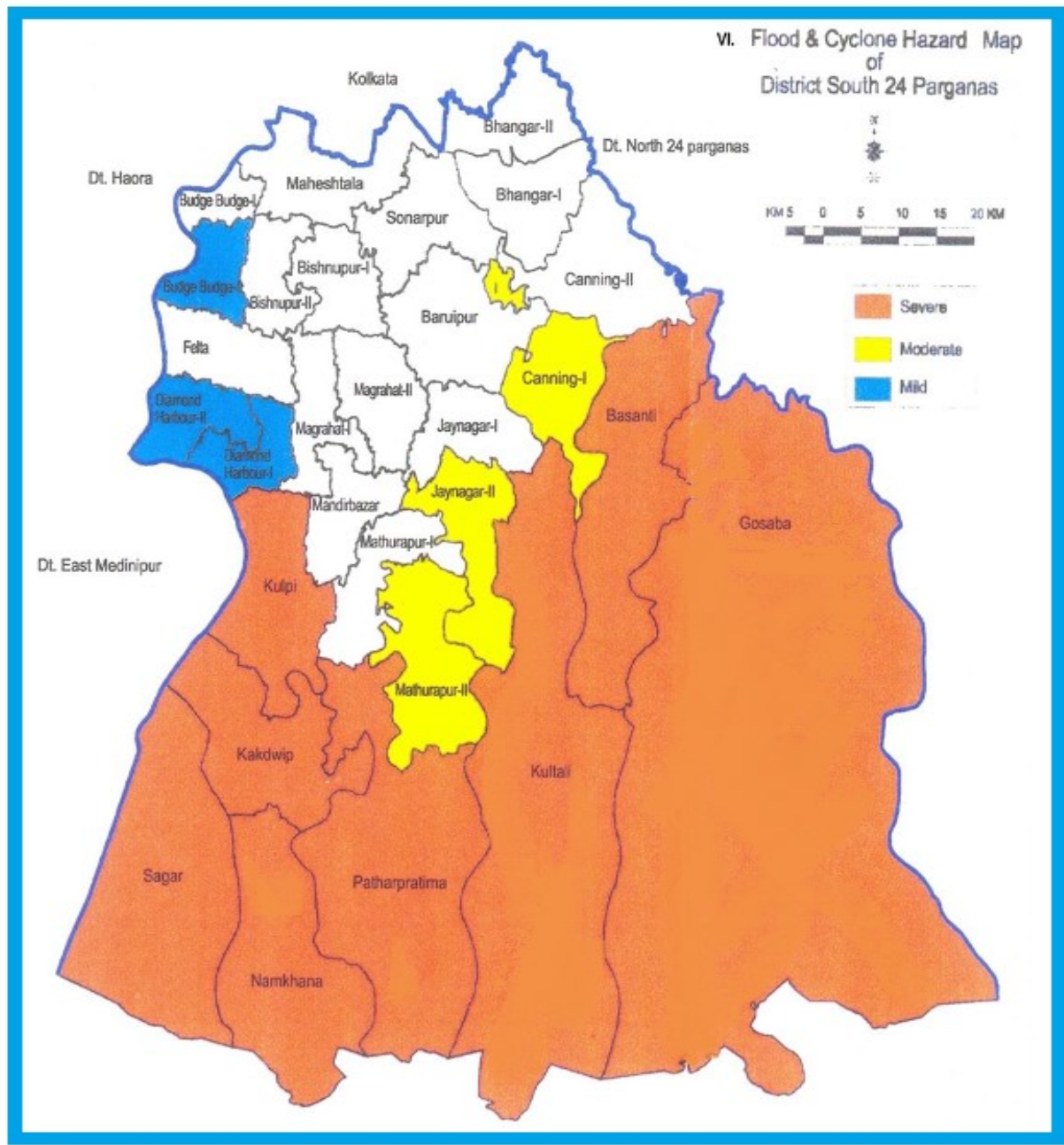
#### **What to do after a Tsunami**

- ✓ You should continue using a Weather Radio or staying tuned to a Coast Guard emergency frequency station or a local radio or television station for updated emergency information.
- ✓ The Tsunami may have damaged roads, bridges, or other places that may be unsafe.
- ✓ Check yourself for injuries and get first aid if necessary before helping injured or trapped persons.

- ✓ If someone needs to be rescued, call professionals with the right equipment to help.
- ✓ Help people who require special assistance— Infants, elderly people, those without transportation, large families who may need additional help in an emergency situation, people with disabilities, and the people who care for them.
- ✓ Avoid disaster areas.
- ✓ Your presence might hamper rescue and other emergency operations and put you at further risk from the residual effects of floods, such as contaminated water, crumbled roads, landslides, mudflows, and other hazards.
- ✓ Use the telephone only for emergency calls. Telephone lines are frequently overwhelmed in disaster situations. They need to be clear for emergency calls to get through.
- ✓ Stay out of a building if water remains around it. Tsunami water, like floodwater, can undermine foundations, causing buildings to sink, floors to crack, or walls to collapse.
- ✓ When re-entering buildings or homes, use extreme caution. Tsunami-driven floodwater may have damaged buildings where you least expect it. Carefully watch every step you take.
- ✓ Wear long pants, a long-sleeved shirt, and sturdy shoes. The most common injury following a disaster is cut feet.
- ✓ Use battery-powered lanterns or flashlights when examining buildings. Battery-powered lighting is the safest and easiest to use, and it does not present a fire hazard for the user, occupants, or building. **DO NOT USE CANDLES.**
- ✓ Examine walls, floors, doors, staircases, and windows to make sure that the building is not in danger of collapsing. Inspect foundations for cracks or other damage. Cracks and damage to a foundation can render a building uninhabitable.
- ✓ Look for fire hazards. Under the earthquake action there may be broken or leaking gas lines, and under the tsunami flooded electrical circuits, or submerged furnaces or electrical appliances. Flammable or explosive materials may have come from upstream. Fire is the most frequent hazard following floods.
- ✓ Check for gas leaks. If you smell gas or hear a blowing or hissing noise, open a window and get everyone outside quickly. Turn off the gas using the outside main valve if you can, and call the gas company from a neighbour's home. If you turn off the gas for any reason, it must be turned back on by a professional.
- ✓ Look for electrical system damage. If you see sparks or broken or frayed wires, or if you smell burning insulation, turn off the electricity at the main fuse box or circuit breaker. If you have to step in water to get to the fuse box or circuit breaker, call an electrician first for advice. Electrical equipment should be checked and dried before being returned to service.
- ✓ Check for damage to sewage and water lines. If you suspect sewage lines are damaged under the quake, avoid using the toilets and call a plumber. If water pipes are damaged, contact the water company and avoid using water from the tap. You can obtain safe water from undamaged water heaters or by melting ice cubes that were made before the tsunami hit. Turn off the main water valve before draining water from these sources. Use tap water only if local health officials advise it is safe.
- ✓ Watch out for wild animals, especially poisonous snakes that may have come into buildings with the water. Use a stick to poke through debris. Tsunami floodwater flushes snakes and animals out of their homes.
- ✓ Watch for loose plaster, drywall, and ceilings that could fall.
- ✓ Take pictures of the damage, both of the building and its contents, for insurance claims. Open the windows and doors to help dry the building.
- ✓ Shovel mud before it solidifies.
- ✓ Check food supplies.
- ✓ Any food that has come in contact with floodwater may be contaminated and should be thrown out.

- ✓ Expect aftershocks. If the earthquake is of large magnitude (magnitude 8 to 9+ on the Richter scale) and located nearby, some aftershocks could be as large as magnitude 7+ and capable of generating another tsunami. The number of aftershocks will decrease over the course of several days, weeks, or months depending on how large the main shock was.
- ✓ Watch your animals closely. Keep all your animals under your direct control. Hazardous materials abound in flooded areas. Your pets may be able to escape from your home or through a broken fence. Pets may become disoriented, particularly because flooding usually affects scent markers that normally allow them to find their homes. The behaviour of pets may change dramatically after any disruption, becoming aggressive or defensive, so be aware of their well-being and take measures to protect them from hazards, including displaced wild animals, and to ensure the safety of other people and animals.

### Multi Hazard Map of South 24 Parganas



# Action Plan of Dist. Disaster Management & CD Dept., South 24 PGS for the year 2023

The district, South 24 Parganas suffers considerably due to Monsoon floods and cyclones. It has been widely recognized that the losses due to disasters can be significantly lessened if sufficient preparedness is made in advance.

## **District Disaster Management Committee:**

1. District Magistrate, Chairperson
2. Sabhadhipati, Zilla Parishad, Co-Chairperson
3. Additional District Magistrate (Gen / Disaster Management), Member
4. Additional District Magistrate (Zilla Parishad), Member
5. Superintendent of Police, Member
6. Chief Medical Officer of Health, Member
7. Superintending/Executive Engineer, P.W.D/P.H.E I&W.D/Minor Irrigation Deptt, Member
8. Principal Agricultural Officer, Member
9. Divisional Engineer, WBSEB, Member
10. District Food & Supply Officer, Member
11. Deputy Director, Animal Husbandary, Member
12. Engineer, Pollution Control Board, Member
13. Factory Inspector, Member
14. District Level Officer, Forest Deptt/Fisheries Deptt/ Animal Resources Development Deptt., Member
15. District Level Authority of Railway Ministry Member
16. District Level Authority of Army/ Airforce/ Navy/B.S.F/Coast Guard, Member
17. District Level Representative of Indian Oil Corporation, Member
18. District Telecom Officer, Member
19. District Disaster Management Officer/Officer in Charge of Disaster Management Convener /, Member
20. Chairperson of Municipal Body, Member
21. Chairperson, Development Authority, Member
22. Members of Legislative Assembly, Member



## Vulnerable GP/Ward in regards to Cyclone / Flood/ Inundation/ Lightning:

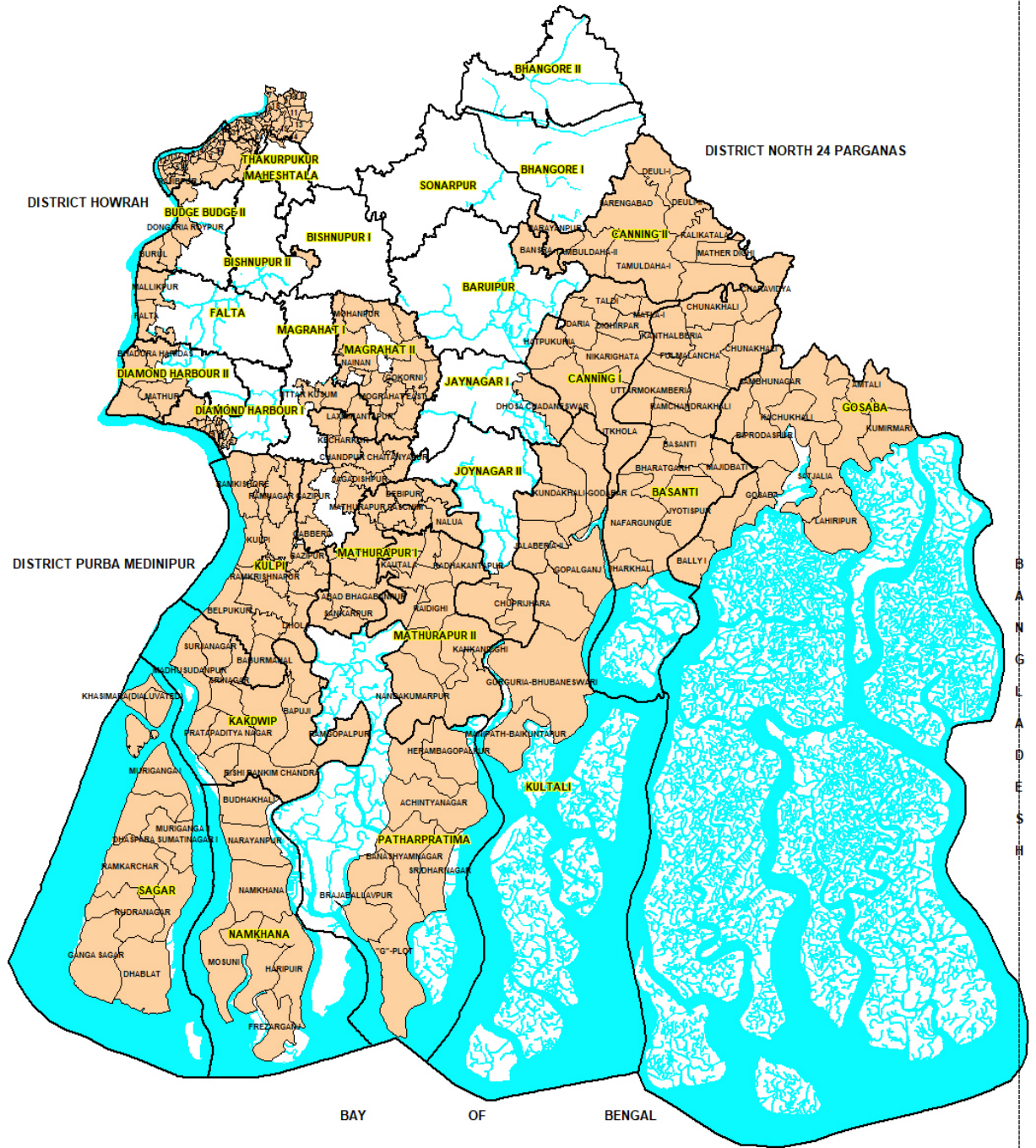
Block/ ULB	Cyclone prone GP/Ward	Flood prone GP/Ward	Probable Inundation GP/Ward	Probable lightning GP/Ward
<b>Kakdwip</b>	1. Bapuji 2. Madhusudanpur 3. Netaji 4. Pratapadityanagar 5. Rabindra 6. Ramgopalpur 7. Rishi Bankimchandra 8. Sri Sri Ramkrishna 9. Srinagar 10. Surjanagar 11. Swami Vivekananda	1. Bapuji 2. Madhusudanpur 3. Netaji 4. Rabindra 5. Ramgopalpur 6. Rishi Bankimchandra 7. Sri Sri Ramkrishna 8. Surjanagar 9. Swami Vivekananda	1. Bapuji 2. Madhusudanpur 3. Netaji 4. Rabindra 5. Ramgopalpur 6. Rishi Bankimchandra 7. Sri Sri Ramkrishna 8. Surjanagar 9. Swami Vivekananda	1. Bapuji 2. Madhusudanpur 3. Netaji 4. Pratapadityanagar 5. Rabindra 6. Ramgopalpur 7. Rishi Bankimchandra 8. Sri Sri Ramkrishna 9. Srinagar 10. Surjanagar 11. Swami Vivekananda
<b>Sagar</b>	1.Ghoramara,2. Muriganga-1,3.Muriganga-2, 4. Dhaspara Sumatinagar -1, 5.Dhaspara Sumatinagar -2,6. Ramkarchar, 7. Rudranagar, 8. Dhablat, 9. Gangasagar	1.Ghoramara,2. Muriganga-1,3.Muriganga-2, 4. Dhaspara Sumatinagar -1, 5.Dhaspara Sumatinagar -2,6. Ramkarchar, 7. Rudranagar, 8. Dhablat, 9. Gangasagar	1.Ghoramara,2. Muriganga-1,3.Muriganga-2, 4. Dhaspara Sumatinagar -1, 5.Dhaspara Sumatinagar -2,6. Ramkarchar, 7. Rudranagar, 8. Dhablat, 9. Gangasagar	1.Ghoramara,2. Muriganga-1,3.Muriganga-2, 4. Dhaspara Sumatinagar -1, 5.Dhaspara Sumatinagar -2,6. Ramkarchar, 7. Rudranagar, 8. Dhablat, 9. Gangasagar
<b>Patharpratima</b>	7 Nos. (G-Plot, Sridharnagar, Brajballavpur, Achintyanagar, Herambagopalpur, Banashyamnagar, Laxmijanardanpur)	13 Nos. (G-Plot, Sridharnagar, Brajballavpur, Achintyanagar, Herambagopalpur, Banashyamnagar, Laxmijanardanpur, Gopalnagar, Ramganga, Durbachati, Digambarpur, Dakshin Raipur, Patharpratima)	13 Nos. (G-Plot, Sridharnagar, Brajballavpur, Achintyanagar, Herambagopalpur, Banashyamnagar, Laxmijanardanpur, Gopalnagar, Ramganga, Durbachati, Digambarpur, Dakshin Raipur, Patharpratima)	15 Nos. (G-Plot, Sridharnagar, Brajballavpur, Achintyanagar, Herambagopalpur, Banashyamnagar, Laxmijanardanpur, Gopalnagar, Ramganga, Durbachati, Digambarpur, Dakshin Raipur, Patharpratima, Srinayanpur Purnachandrapur, Dakshin Gangadharpur)
<b>Namkhana</b>	7 nos (Budhakhali, Narayanpur, Namkhana, Haripur, Shibrampur, Freserganj, Moushuni)	6 nos (Moushuni, Fresrganj, Narayanpur, Namkhana, Shibrampur, Haripur)	6 nos (Moushuni, Freserganj, Narayanpur, Shibrampur, Budhakhali & Namkhana)	7 nos (Budhakhali, Narayanpur, Namkhana, Haripur, Shibrampur, Freserganj, Moushuni)
<b>Canning-I</b>	10 NOS ( Bansra, Daria, Dighirpar, Gopalpur, Hatpukuria, Itkhola , Matla-I, Matla-Ii, Nikarighata, Taldi)	2 Nos ( Itkhola, Nikarighata)	5 Nos ( Itkhola, Nikarighata, Dighirpar, Matla-I, Matla-Ii)	10 Nos ( Bansra, Daria, Dighirpar, Gopalpur, Hatpukuria, Itkhola , Matla-I, Matla-Ii, Nikarighata, Taldi)
<b>Canning-II</b>	All Gp(Tambuldah-I, Tambuldah-Ii,Sarengabad, Atharobanki,Deuli-I,Deuli-Ii,Motherdighi, Kalikatala,Narayanpur )	3gp(Tambuldah-I,Atharobanki,Deuli-Ii)	4gp(Deuli-I,Deuli-Ii,Tambuldah-I,Sarengabad)	4 Gp(Deuli-I, Tambuldah-I, Sarengabad,Atharobanki)

Block/ ULB	Cyclone prone GP/Ward	Flood prone GP/Ward	Probable Inundation GP/Ward	Probable lightning GP/Ward
<b>Basanti</b>	1. Jharkhali, 2. Nafarganj, 3. Bharatgarh, 4. Jyotishpur, 5. Masjidbati, 6. Basanti, 7. Ramchandrakhali, 8. Uttarmokamberia, 9. Fulmalancha, 10. Kanthalberia, 11. Amjhara, 12. Charavidya, 13. Chunakhali	1. Jharkhali, 2. Nafarganj, 3. Bharatgarh, 4. Jyotishpur, 5. Masjidbati, 6. Basanti, 7. Ramchandrakhali, 8. Uttarmokamberia, 9. Fulmalancha, 10. Kanthalberia, 11. Charavidya, 12. Chunakhali	1. Jharkhali, 2. Nafarganj, 3. Bharatgarh, 4. Jyotishpur, 5. Masjidbati, 6. Basanti, 7. Ramchandrakhali, 8. Uttarmokamberia, 9. Fulmalancha, 10. Kanthalberia, 11. Charavidya, 12. Chunakhali	1. Jharkhali, 2. Nafarganj, 3. Bharatgarh, 4. Jyotishpur, 5. Masjidbati, 6. Basanti, 7. Ramchandrakhali, 8. Uttarmokamberia, 9. Fulmalancha, 10. Kanthalberia, 11. Amjhara, 12. Charavidya, 13. Chunakhali
<b>Gosaba</b>	Amtali, Bally-1, Bally-II, Bipradaspur, Chhotomollakhali, Gosaba, Kachukhali, Kumirmari, Lahiripur, Pathankhali, Radhanagar, Taranagar, Satjelia Shambhunagar	Amtali, Bally-1, Bally-II, Bipradaspur, Chhotomollakhali, Gosaba, Kachukhali, Kumirmari, Lahiripur, Pathankhali, Radhanagar, Taranagar, Satjelia Shambhunagar	Amtali, Bally-1, Bally-II, Bipradaspur, Chhotomollakhali, Gosaba, Kachukhali, Kumirmari, Lahiripur, Pathankhali, Radhanagar, Taranagar, Satjelia Shambhunagar	Amtali, Bally-1, Bally-II, Bipradaspur, Chhotomollakhali, Gosaba, Kachukhali, Kumirmari, Lahiripur, Pathankhali, Radhanagar, Taranagar, Satjelia Shambhunagar
<b>Baruipur</b>	Nil	Nil	Nil	Nil
<b>Joynagar-I</b>	Dhosa Chandaneswar	Nil	Nil	Nil
<b>Joynagar-II</b>	Chuprijhara Nalgora	Nil	Nil	Nil
<b>Bhangore-I</b>	Nil	Nil	1. Bodra (Partially), 2. Durgapur (Partially), 3. Pranganj (Partially), 4. Tardaha (Partially), 5. Sanksahar (Partially), 6. Jagulgachi (Partially), 7. Narayanpur (Partially), 8. Chandaneswar - I (Partially), 9. Chandaneswar - II (Partially)	Nil
<b>Bhangore-II</b>	Nil	Nil	1. Bamanghata 2. Beonta - I 3. Beonta - II 4. Bhagawanpur 5. Polerhat - I 6. Polerhat - II 7. Shanpukur 8. Chaltaberia 9. Bhogali - II 10. Bhogali - I	Nil
<b>Sonarpur</b>	Nil	Kheadaha-I, Kheadaha-II	Nil	Nil
<b>Kultali</b>	Maipith Baikunthapur, Gopalganj, Deulbari, Debipur, Gurguria, Bhubneswari, Kundakhali, Godabar, Meriganj-I, Meriganj-II, Jalaberia-I, Jalaberia-II	Maipith Baikunthapur, Gopalganj, Deulbari, Debipur, Gurguria, Bhubneswari, Kundakhali, Godabar, Meriganj-I, Meriganj-II	Maipith Baikunthapur, Gopalganj, Deulbari, Debipur, Gurguria, Bhubneswari, Kundakhali, Godabar, Meriganj-II	Maipith Baikunthapur, Gopalganj, Deulbari, Debipur, Gurguria, Bhubneswari, Kundakhali, Godabar, Meriganj-I, Meriganj-II, Jalaberia-I, Jalaberia-II
<b>Diamond Harbour-I</b>	Kanpur Dhanberia, Parulia	Kanpur Dhanberia, Parulia	Kanpur Dhanberia, Parulia	Nil

Block/ ULB	Cyclone prone GP/Ward	Flood prone GP/Ward	Probable Inundation GP/Ward	Probable lightning GP/Ward
<b>Diamond Harbour-II</b>	1. Kalatalahat G.P, 2. Bhadura haridas G.P, 3. Noorpur G.P, 4. Mathur G.P,	1. Kalatalahat G.P, 2. Bhadura haridas G.P, 3. Noorpur G.P, 4. Mathur G.P,	1. Kalatalahat G.P, 2. Bhadura haridas G.P, 3. Noorpur G.P, 4. Mathur G.P,	Nil
<b>Falta</b>	1. Falta GP 2. Mallickpur GP	1. Falta GP 2. Mallickpur GP	1. Falta GP 2. Mallickpur GP	NA
<b>Magrahat-I</b>	1. Uttarkusum GP 2. Laxmikantapur GP 3. Kalikapota GP	1. Uttarkusum GP 2. Laxmikantapur GP 3. Kalikapota GP	1. Uttarkusum GP 2. Laxmikantapur GP 3. Kalikapota GP	NIL
<b>Magrahat-II</b>	1. Amratala,2.Dhamua North,3.Dhamua South,4.Dhanpota,5.Dihikalash,6.Gokorni,7.Hotor Marjada,8.Jugdia,9.Magrahat East,10.Magrahat West,11.Mohanpur,12.Multi,13.Nainan,14.Urelchandpur	1. DHANPOTA 2. URELCHANDPUR 3.AMRATALA	1. DHANPOTA 2. URELCHANDPUR 3.AMRATALA	1. Amratala,2.Dhamua North,3.Dhamua South,4.Dhanpota,5.Dihikalash,6.Gokorni,7.Hotor Marjada,8.Jugdia,9.Magrahat East,10.Magrahat West,11.Mohanpur,12.Multi,13.Nainan,14.Urelchandpur
<b>Mathurapur-I</b>	1) Abad Bhagabanpur, 2) Sankarpur, 3) Dakshin Lakshminarayanpur, 4) Uttar Lakshminarayanpur, 5) Mathurapur Paschim, 6) Mathurapur Purba, 7) Debipur, 8) Lalpur, 9) Krishnachandrapur, 10) Nalua	Nil	1) Abad Bhagabanpur (Partial), 2) Sankarpur (Partial)	1) Abad Bhagabanpur, 2) Sankarpur, 3) Dakshin Lakshminarayanpur, 4) Uttar Lakshminarayanpur, 5) Mathurapur Paschim, 6) Mathurapur Purba, 7) Debipur, 8) Lalpur, 9) Krishnachandrapur, 10) Nalua
<b>Mathurapur-II</b>	Kashinagar, Khari, Kautala, Gilarchat, Dighirpar Bakultala, Radhakantapur, Raidighi, Kumrapara, Nandakumarpur, Kankandighi & Nagendrapur	Dighirpar Bakultala, Raidighi, Kumrapara, Nandakumarpur, Kankandighi & Nagendrapur	Dighirpar Bakultala, Raidighi, Kumrapara, Nandakumarpur, Kankandighi & Nagendrapur	Kashinagar, Kumrapara & Nandakumarpur
<b>Mandirbazar</b>	Nishapur, Kecharkur, C.C.Pur, South Bishnupur, Dhanurhat, Anchna, Jagadishpur, Krishnapur, Ghataswar & Gabberia	Nishapur, Kecharkur, C.C.Pur, South Bishnupur, Dhanurhat, Anchna, Krishnapur, Gabberia	Nishapur, C.C.Pur, South Bishnupur, Anchna & Krishnapur,	Nishapur, Kecharkur, C.C.Pur, South Bishnupur, Dhanurhat, Anchna, Jagadishpur, Krishnapur, Ghataswar & Gabberia
<b>Kulpi</b>	Baburmahal, Belpukur,Karanjali, Dhola, Chandipur, Gazipur, Ramkrishnapur, Kulpi, Kamarchak, Iswaripur, Keoratala, Rajarampur, Ramkishore, Ramnagar Gazipur	Belpukur, Karanjali, Kulpi, Ramkishore, Ramkrishnapur	Belpukur, Karanjali, Kulpi, Ramkishore, Ramkrishnapur	Baburmahal, Belpukur,Karanjali, Dhola, Chandipur, Gazipur, Ramkrishnapur, Kulpi, Kamarchak, Iswaripur, Keoratala, Rajarampur, Ramkishore, Ramnagar Gazipur

Block/ ULB	Cyclone prone GP/Ward	Flood prone GP/Ward	Probable Inundation GP/Ward	Probable lightning GP/Ward
Bishnupur-I	NIL	NIL	Kulerdari (Partially),Purba Bishnupur (Partially),Amgachia (partially),	Rashkhali, Andharmanik, Panakua
Bishnupur-II	Chak Enayetnagar,	Nil	Chak Enayetnagar,Chandi,Pa nchanan,Kanganberia,P atharberia Joychandipur	Chak Enayetnagar,Chandi,,Kan ganberia,
Budge Budge-I	Buita, Chingripota, Mayapur, Nischintapur,Rajibpur, Uttar Raipur	Mayapur (Partially) Rajibpur(Partially)	Mayapur (Partially) Rajibpur(Partially)	Buita, Chingripota, Mayapur, Nischintapur,Rajibpur, Uttar Raipur
Budge Budge-II	Burul,Gaza Poali,D.Roypur	Gaza Poali	D.Roypur,Gaza Poali,Burul,Rania	All(11 Nos.) GPs
T/Maheshtala	NIL	NIL	NIL	NIL
D/Harbour Municipality	All 16 Nos. Ward	Ward No. 9, 10, 13, 14 & 16	Ward No. 9, 10, 13, 14 & 16	All 16 Nos. Ward
Budge Budge Municipality	All 20 Nos. Ward	Ward No. 2, 3, 4, 5, 16,20	Ward No. 2, 3, 4, 5, 16 20	All 20 nos. Ward
Pujali Municipality	All 16 Nos. Ward	Ward no. 1, 2, 3, 4, 5, 15, 16	Ward no. 1, 2, 3, 4, 5, 15, 16	All 16 Nos. Ward
Maheshtala Municipality	All 35 Nos. Ward	Ward No. 2, 3, 4, 6, 9, 10, 14, 17, 19, 20, 28	Ward No. 2, 3, 4, 6, 9, 10, 14, 17, 19, 20, 28	All 35 Nos. Ward
Rajpur Sonarpur Municipality	Nil	Nil	Nil	Nil
Baruipur Municipality	Nil	Nil	Nil	Nil
Joynagar Majilpur Municipality	Nil	Nil	Nil	Nil

# CYCLONE PRONE AREA OF SOUTH 24 PARGANAS

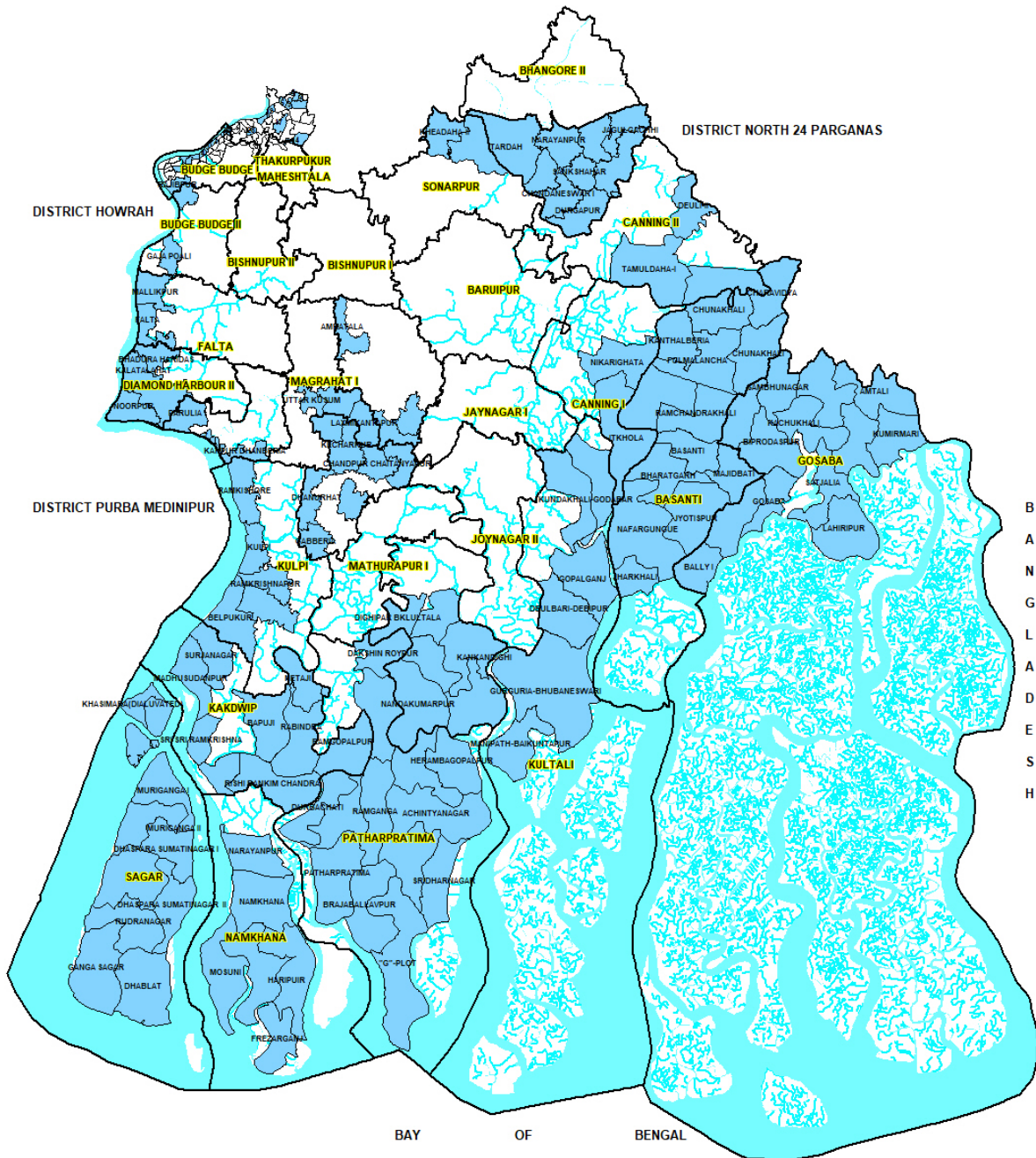


LEGEND

	BLOCK BOUNDARY
	CYCLONE PRONE GP/WARD
	STREAMS
	RIVER

Prepared By  
DSDC (NRDMS)  
SOUTH 24 PARGANAS

# FLOOD PRONE AREA OF SOUTH 24 PARGANAS



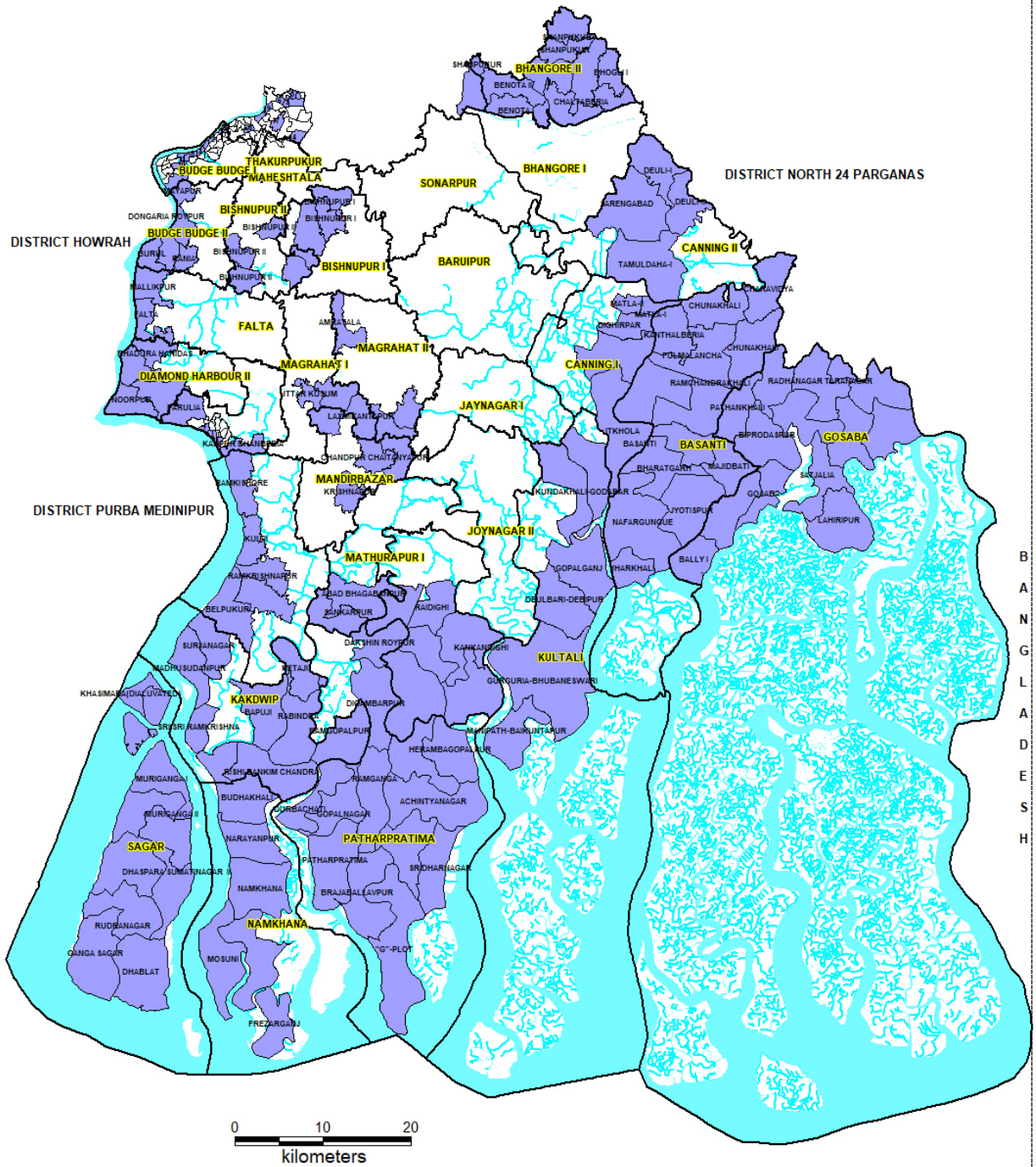
**LEGEND**

	BLOCK BOUNDARY
	STREAMS
	RIVER
	FLOOD PRONE GPWARD

Prepared By  
DSDC (NRDMS)  
SOUTH 24 PARGANAS



# PROBABLE INUNDATED AREA OF SOUTH 24 PARGANAS

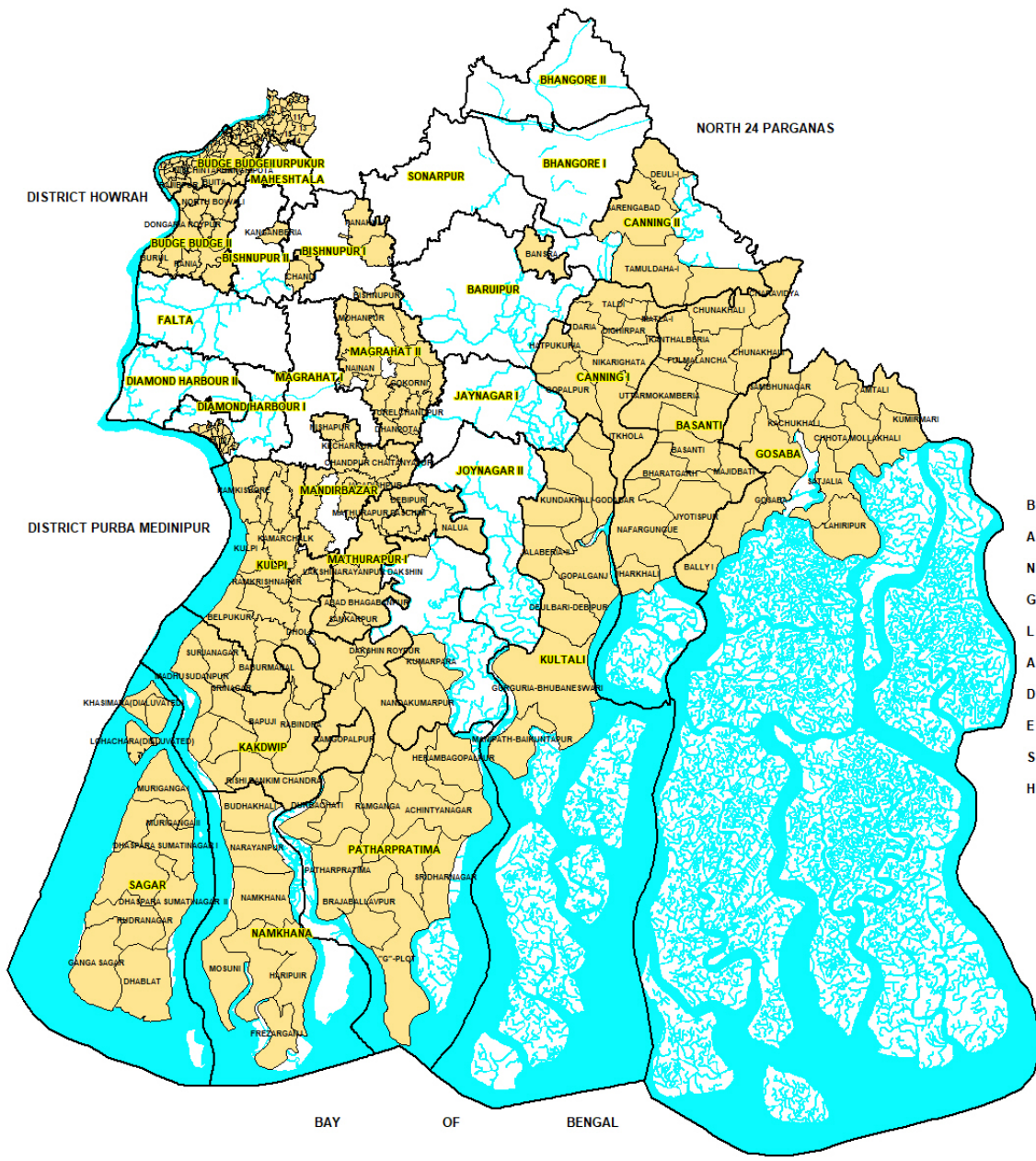


**LEGEND**

- PROBABLE INUNDATED GP/WARD
- STREAMS
- RIVER

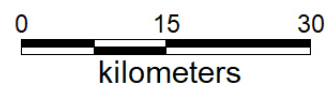
Prepared By  
**DSDC( NRDMS)**  
**SOUTH 24 PARGANAS**

# PROBABLE LIGHTNING PRONE AREA OF SOUTH 24 PARGANAS



**LEGEND**

	BLOCK BOUNDARY
	PROBABLE LIGHTNING PRONE GPWARD
	STREAMS
	RIVER



Prepared By  
DSDC (NRDMS)  
SOUTH 24 PARGANAS

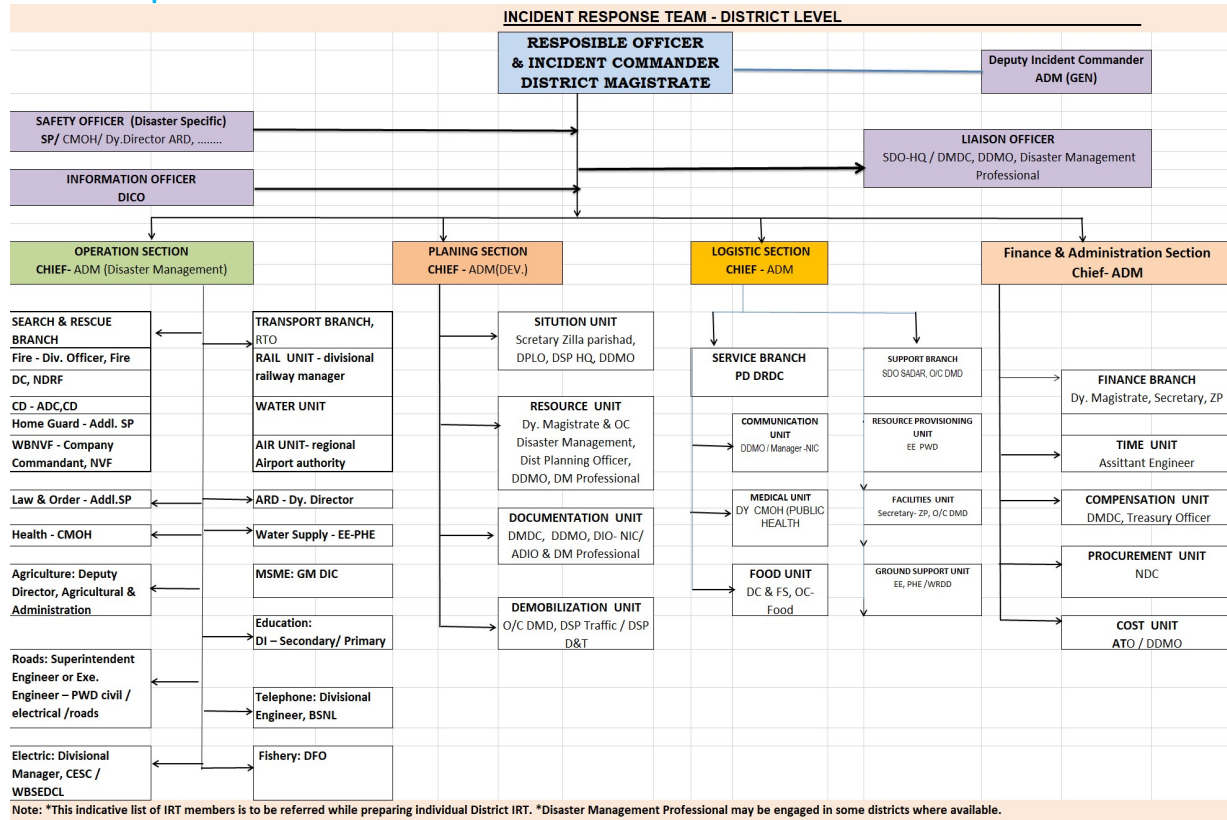
### Block Wise Total Nos. of Disaster Management Volunteers:

Name of the Block	No. of Volunteers
Baruipur	17
Basanti	15
Bhangore-II	14
Bishnupur-II	24
Bishnupur-I	94
Budge Budge-I	23
Budge Budge-II	3
Canning-I	15
Canning-II	11
DH-I	8
DH-II	15
Falta	127
Gosaba	14
Joynagar-I	84
Joynagar-II	19
Kakdwip	144
Kultali	52
Magrahat-II	101
Magrahat-I	54
Mathurapur-II	43
Namkhana	98
Patharpratima	88
Sagar	129
T/Maheshtala	27
<b>Total</b>	<b>1219</b>

### Resource available at Civil Defence Department, South 24 PGS:

- ✓ There are three Speed Boats at the district level and it is placed at Kakdwip (one), Canning (one) sub-division and District HQ (one) along with WWCD personnel.
- ✓ Two QRT Civil Defence Volunteers will be deployed for each speed boats.
- ✓ WWCD, WB will be informed to supply additional boat to this district, if required.
- ✓ Civil Defence Rescue Vehicles along with modern rescue equipment is placed at Kakdwip & Canning Sub-Division.
- ✓ CD Officers and Volunteers will be engaged for manning of District Disaster Management control room.
- ✓ Strength of volunteers (General) – 2738
- ✓ Strength of volunteers (QRT)- (Alipore-98, D/Harbour-19, Kakdwip-18, Canning-19)  
**Total=154**

## Incident Response Team at District Level:



## District Emergency Operation Centre and QRT Base:

- The district Disaster management Dept., South 24 PGS has already given a proposal to the WB Disaster Management Dept. for operationalizing of District EOC and QRT base from 1<sup>st</sup> June,2020.
- The EOC will be operational by Dist. Disaster Management Dept. (24\*7) manning with CD officials and QRT Volunteers.
- Besides, 2 CD volunteers will be engaged for each shift (3 shifts in 24 hrs) in existing EOC.



# Disaster Management Plan of District Controller (F&S)- 2023

## VULNERABLE BLOCKS OF THIS DISTRICT

Name of the Sub-Division	Name of the Blocks
Canning	Gosaba, Basanti, Canning-I, Canning-II
Kakdwip	Kakdwip, Sagar, Namkhana, Patharpratima
Baruipur	Joynagar-I, Joynagar-II, Kultali
Diamond Harbour	Mathurapur-II

Stock of essential commodities to be kept as rolling reserved for the purpose of initial relief to the people affected by natural calamities.

### RICE:

Reserve stock to be kept 200 M.T as rolling reserved each of the following Govt. hired godowns:

Sl.No.	Name of the Godown	NAME OF THE GODOWN IN CHARGE	CONTACT NUMBER	Rolling reserve stock to be kept
1	RIDF, Mathurapur	SRI BISWARUP HALDER, SUPERINTENDENT, WBSWC	9674942663	200 MT.
2	RIDF Diamond Harbour	SRI SHAIBAL KANTI MISHRA, SUPERINTENDENT, WBSWC	8240405076	200 MT.

### VULNERABLE BLOCKS M.R DISTRIBUTORS

Sl. No.	Name	Location/Block	Phone No.
01.	Shri Amit Kumar Bhakat	Kakdwip	9733878767
02	M/S. R.K. Roy	Basanti	9830019573
03	M/S. R.K. Roy	Basanti	9830019573
04	R.K. Mondal	Canning-I	9734816873
05	Susmita Sen	Joynagar-II	9733887474
06	Subas Ch. Mondal	Joynagar-II	9733571544
07	Mathurapur L.S. Co-operative	Mathurapur-II, Raidighi	9732855533

### Kerosene Oil

5 KL of K. Oil to be kept rolling reserved at each of the following Agent's godown.

Sl. No.	Name of Agent's godown	Location/Block	Phone No.
01	M/S Standard Oil Agency	Kakdwip	9679132680
02	M/S Jaiswal Progressive Agency	Kakdwip	9732588424
03	M/S D.N. Karmakar	Kakdwip	9732739303
04	M/S Patharpratima Oil Agency	Patharpratima	9433047668





5. The Area Marketing Manager Phone-2429-3349  
Bharat Petroleum Corporation Ltd. Fax-2429-3355  
Bharat Bhavan,  
Plot No.31, Prince Gulam Shah Rd.  
Golf Green, Post Box No. 16201  
Kolkata-700095
6. The Chief Regional Manager (Marketing Division) Phone -2282-9881  
HindusthanPetroleum Corporation Ltd. -2282-9883  
Industry House (8<sup>th</sup> Floor), -2282-7410  
10, Camac Street, -2282-7539  
Kolkata-70017 Fax-2282-9885

Name	Designation	Mobile no.
Sri Partha Saha	District Controller	7604068639
	(O) 2479-5882	
Sri Saikat Chakraborty	Addl. District Controller	9830937485
	(O) 2479-5882	
Shri Shyamaprasad Bhattacherjee	SCF&S, Alipore(S)	8777762643
	(O) 2479-2364	
Shri Sanjib Halder	SCF&S, Baruipur	9433964020
	(O) 2433-2151	
Sri Sudipta Majumder	SCF&S, Diamond Harbour	9836375378
	(O) 03174-255233	
Sk. Alimuddin	SCF&S, Canning	9851829973
	(O) 03218-255617	
Shri Sujoy Das	SCF&S, Kakdwip	9007588470
	(O) 03210-256035	
KumkumPaul	H.C, DCF&S, South 24 Pgs	9433029935
Sabyasachi Ghosh Chowdhury	A.I, DCF&S, South 24 Pgs	8910490209
Sri Ankurjit Bhowmick	Inspector, Joynagar-I	9038415032
Shri Parth pratim Champati	Inspector, Joynagar-II	8777471458
Shri Satyajit Ray	Inspector, Kultali	9007766352
Sri Umasish Ghosh	Inspector, Mathurapur-II	9874515043
Sri PareshChMondal	Inspector, Canning-II	8637860166
Sri Ashis Halder	Inspector, Canning-I	9733753640
Shyamal ch. Khan	S. Inspector, Gosaba	9123948848
Sri NirmalenduMondal	Inspector, Basanti	9051600145
Sri Dipak Das	Inspector, Kakdwip	9083682041
Sri Anup Dutta	Inspector, Sagar	9641601550
Sri Dipak Das	Inspector, Namkhana	9083682041
Sri Kartick Das	Inspector, Patharpratima	9830869464

Name and address of cooking gas distributor.

1. Diamond Enterprise (I.O.C), New Town, Diamond Harbour, South 24-Parganas.
2. Ramkrishna Enterprise (H.P), Kalisankarpur, Diamond Harbour, South 24-Parganas.
3. Canning Gas Service (I.O.C.), Canning Old Market, Canning town, South 24-Parganas.
4. JoynagarIndane Service (I.O.C.), JoynagarMazilpur, South 24-Parganas.
5. Southern Gas Distributor (H.P.), Harinavi, Sonarpur, South 24-Parganas.
6. Baruipur Gas Service (I.O.C.), 4, Ukilpara, Baruipur, South 24-Parganas.

## Disaster Management Plan of Health for the year 2023

District Hospital	Name of Superintendent	Mobile number
M.R. Bangur Hospital	Dr. Sisir Naskar	8240832513
District Hospital	Name of AsstSupdt	Mobile number
M.R. Bangur Hospital	Ritesh Kr Mallick	9830201951
	Ajanta Roy Mitra	8335810066
	Sagar Ch Sit	8617344125
SD / SG Hospital	Name of Superintendent	Mobile number
Baruipur SDH	Dr. Dhiraj Roy	8902648533
Canning SDH	Dr. Apurbalal Sarkar	7595926656
Garden Reach SGH	Dr Koushuik Roy	9775271345
Vijaygarh SGH	Dr. Sushmita Roy	9830226967
Baghajatin SGH	Dr. Nilanjan Dastidar	9433196337
Vidyasagar SGH	Dr. Ranjit Kumar Das	9647231784
Amtala RH	Dr. Rahul Mishra	7044042284
Sub division	Name of ACMOH	Mobile number
ACMOH Sadar	Dr. Srikanta Chakraborty	8910382668
ACMOH Baruipur	Dr. Indranil Mitra	9434068205
ACMOH Canning	Dr. Rahul Sarkar	9733541776

Communication (District Level) (For South 24 Pgs)				
Activity	Name of Nodal Office	Mobile No	Alternate responsible officer (in absence of Nodal Officer)	Mobile No
Overall	Dr. Mukti Sadhan Maity (CMOH)	6291048094	Dr. Atreyi Chakrabarti Dy CMOH-II	8240778141/ 9830683513
Reporting	Dr Atreyi Chakrabarti	8240778141/ 9830683513	Dr. Jayabrata Deb (Dy CMOH-I)	7001678927
	(Dy CMOH-II)			
Logistics (Drugs)	Dr. Jayabrata Deb (Dy CMOH-I)	7001678927	Dr. Atreyi Chakrabarti Dy CMOH-II	8240778141/ 9830683513
Logistics (Transport)	Dr. Jayabrata Deb (Dy CMOH-I)	7001678927	Dr. Atreyi Chakrabarti Dy CMOH-II	8240778141/ 9830683513
Intersectoral coordination	Dr. Mukti Sadhan Maity (CMOH)	6291048094	Dr. Atreyi Chakrabarti	8240778141/ 9830683513
			(Dy CMOH-II)	
Media Management	Dr. Mukti Sadhan Maity (CMOH)	6291048094	Dr. Atreyi Chakrabarti	8240778141/ 9830683513
			(Dy CMOH-II)	

## Communication, Flood Prone Blocks, South 24 Parganas

Block name	Name of BMOH	Mobile No.	Alternate responsible officer (in absence of BMOH)	Mobile No.
Gosaba	Dr. Indranil Bargi	8372015530	Dr. Pallab Mondal	9073085218
Basanti	Dr. Sayeed Mohammad	9681107436	Soma Samanta Dr. Suman Halder	9732437228 9732437228
Canning-I	Dr. Tarek Anowar Saradar	8820920671	Dr. Aref Rahahaman	8777487384
Canning-II	Dr. Haripada Maji	9830839262	Dr. Sanjib Mohanty	7980001592
Sonarpur	Dr. Anup Kumar Mishra	8981956075	Dr. Gunjan Majhi	8334832138
Baruipur	Dr. Nandini Sinha	9836024496	Dr. Ramprasad Naskar	9007174054 9830937136
Kultali	Dr. Chitralekha Sardar	8617698538	Dr. Sukhendu Halder	7980266014

## Communication (District Level) (For DH Health District)

Activity	Name of Nodal Office	Mobile No	Alternate responsible officer (in absence of Nodal Officer)	Mobile No
Overall	Dr. Debasis Roy CMOH	9830612406	Dr. Himadri Halder DY CMOH I	9830322157
Reporting	Dr. Sonali Das DY CMOH II	9007995997	Dr. Shyamal Halder DY CMOH III	7980465560
Logistics (Drugs)	Dr. Himadri Halder DY CMOH I	9830322157	Dr. Sonali Das DY CMOH II	9007995997
Logistics (Transport)	Dr. Himadri Halder DY CMOH I	9830322157	Dr. Sonali Das DY CMOH II	9007995997
Intersectoral coordination	Dr. Debasis Roy CMOH	9830612406	Dr. Sonali Das DY CMOH II	9007995997
Media Management	Dr. Debasis Roy CMOH	9830612406	Dr. Himadri Halder DY CMOH I	9830322157
Overall	Dr. Debasis Roy CMOH	9830612406	Dr. Himadri Halder DY CMOH I	9830322157

## Communication, Flood Prone Blocks, DH Health District

Block name	Name of BMOH	Mobile No.	Alternate responsible officer (in absence of BMOH)	Mobile No.
Math-I	Dr. Sougata Bairagi	9851225438	Dr. Satyabrata Sardar (M.O)	9433301599
Math-II	Dr. Tapas Das	9749030489	Archana Ghosh (Sr PHN)	7003871708
Namkhana	Dr. Shubhranil Das	8918125663	Dr. Debapriya Roy (MO)	9903802930
Patharpratima	Dr. Debesh Nath	8918454638	Smt. Tanusree Sasmal	9734517728
Sagar	Dr. Anshuman Bose	9874813390	Bhabani Maiti (Sr PHN)	8768003855
Falta	Dr. Shantanu Halder	9143299409	Dr. Habibur Rahman (MO)	8001457049
Kakdwip	Dr. Soumitra Halder	8250830598	Mrs. Swagata Kanp (PHN)	7890021852

## Block Level Flood prone places, Population at risk, Alternate place to have medical OPD, Alternate place to have Medical service points with beds

Name of the Block	Name of G.P	Population at risk	Alternate place to have medical OPD	Alternate place to have pramedical Camp
Gosaba	Amtali	13169	Amtali G.P. S/C	MoukhaliChandibanFanindraVidyaniketan
	Kumirmari	19426	Kumirmari G.P. Office, Kumirmari Flood Centre	Kumirmari H.S, Kumirmari Flood Centre
	Chhotomollakhali	20264	Chhotomollakhali PHC S/C	Mongal Chandra Vidyapith, Gobindapur Junior H.S.
	Satjelia	18310	SatjeliaFlood centre	Central Satjelia M.C. H.S. EmlibariJoyneswarvidyaniketan, Dayapur P.C.Sen H.S.
	Lahiripur	23141	LuxbaganHatkhola	Santiganchhi H.S., Tiger Camp Bagh Hospital – 44, Luxbagan F.P.School
	Bali - I	13124	Satyanarayanpur G.P. S/C	Satyanarayanpur G.P. S/C
	Bali - II	18162	Bali - II G.P.S/C	Bali Dhanamani Model H.S.
	Biprodaspur	17093	Biprodaspur G.P. S/C	Chandipur H.S.
	Kachukhali	13291	KachukhaliFlood centre	Manmathapur H.S. Ramnagar Harish chandra H.S
	Rangabelia	14260	RangabeliaFlood centre, pakhiralaya Flood centre	Rangabelia H.S
	Gosaba	18104	Gosaba BPHC	Gosaba BPHC
	RadhanagarTaranagar	23121	Baromollakhali Flood centre	DakhinRadhangar PHC, Taranagar Saraswati Junior H.S, RadhanagarKalibari H.S
	Sambhunagar	16246	Sambhunagar G.P.S/C	PalpurAdarshaVidyapith
	Pathankhali	17361	Pathankhali G.P. S/C	PathankhaliAdarshavidyapith. BattaliBangaBharatiVidyaatan GopalkathaJelepara H.S.
Kultali	Maipith-Baikunthapur	24630	SanibararBazer	Maipith G.P Office
	Gurguria Bhubaneswari	27156	Bhubaneswari PHC	Bhubaneswari PHC
	Deulbari- Debipur	24605	Kantamari PHC	Kantamari PHC
	Gopalganj	34804	KachariBazer	Kaikhali PHC
	Mariganj I	23070	Kachimara Hat	Kachimara H/S School
	Mariganj II	21241	Keller Hat	Pichakhali S/C ,G.P Office
Basanti	Jharkhali	9000	S/C 63 Jharkhali GP SC	Jharkhali GP
	Bharatgarh	15000	S/C-28 Uttar Mokamberia GP SC	Not Required
	Charvidya	23000	S/C-4Charvidya GP SC	Not Required
	Uttar Mokamberia	6000	S/C-28 Uttar Mokamberia GP SC	Not Required
	Chunakhali	30000	S/C-6 Chunakhali GP S/C	Not Required
	FulMalancha	27000	S/C-19 FulMalancha GP SC	Not Required
Canning-I	Bansra	3100	Chatuipara SC, SundoriNaskar F.P Girls School	Chatuipara SC
	Taldi	2128	SurobalaSikshayatan for girls	South Taldi SC
	Itkhola	5312	Golabari GP Office	Golabari GP Office Suswasthya Kendra
	Gopalpur	3489	GolakparaJr High School	Goladhara SC
Canning-II	Atherobanki	33029	Gabgunia SC	Atharabanki School
	Matherdighi	21641	Matherdighi SC	Matherdighi BPHC

**Block Level Flood prone places, Population at risk, Alternate place to have medical OPD, Alternate place to have Medical service points with beds**

<i>Name of the Block</i>	<i>Name of G.P</i>	<i>Population at risk</i>	<i>Alternate place to have medical OPD</i>	<i>Alternate place to have pramedical Camp</i>
	Kalikatala	23562	Nrabunia SC	Kalikatala High School
	Deuli-I	19000	MollikatiSc	GP Office
	Deuli-II	18476	Deuli SC	Gutri School
	Sarengabad	48889	KuchitalahatSc&Howramari SC	Kuchitalahat PHC
Sonarpur	Kheyadah	19937	Kheyadah PHC/Fartabad PHC	Kheyadah PHC/Fartabad PHC
	Kheyadah 2	30276	Kheyadah PHC/Fartabad PHC	Kheyadah PHC/Fartabad PHC
	Kamrabad	24443	Sonarpur RH	Sonarpur RH
	Sonarpur 2	33955	Sonarpur RH	Sonarpur RH
	Pratapnagar	20231	Kalikapur PHC	Kalikapur PHC
	Kalikapur -1	16592	Sonarpur RH	Sonarpur RH
	Kalikapur-2	19476	Sonarpur RH	Sonarpur RH
	Langalberia	18668	Langalberia PHC	Langalberia PHC
	Poleghat	12057	Langalberia PHC	Langalberia PHC
	Bonhoogly-1	21213	Sonarpur RH	Sonarpur RH
Bonhoogly-2	15778	Sonarpur RH	Sonarpur RH	
Baruipur	South Garia	1350	N.A	N.A
	Madarat	924	N.A	N.A
	Mallickpur	21115	N.A	N.A

**Spare able human resource different blocks to work in other place,  
South 24 Parganas,**

Block	Specialist		Medical Officer		Nursing Staff		MPHW (1 <sup>st</sup> ANM+2 <sup>nd</sup> ANM)		GDA	
	Present availability	Spareable human resource	Present availability	Spareable human resource	Present availability	Spareable human resource	Present availability	Spareable human resource	Present availability	Spareable human resource
Gosaba	0	0	7	1	14	1	45+49	7	5	0
Kultali	0	0	6	1	17	1	29+36	5	11	1
Basanti	0	0	10	1	23	2	60+58	7	11	1
Sonarpur	0	0	14 (1 detailment & 1 cont.)	1	26	2	23+23	3	14	1
Baruipur	0	0	8	1	14	1	47+42	6	5	0
Canning-I	0	0	4	1	7	1	56+42	6	2	0
Canning-II	0	0	7	1	14	1	43+39	5	2	0
<b>Total</b>			<b>56</b>	<b>7</b>	<b>115</b>	<b>9</b>	<b>303+288</b>	<b>39</b>	<b>50</b>	<b>3</b>



**Disaster Defense Plan-2023**  
of  
**WB Fire & Emergency Services**  
**WE SERVE TO SAVE**  
**“FIRE LOSS IS NATIONAL LOSS, LET US ADOPT FIRE SAFETY MEASURES”**

The technically trained personnel of Fire and Emergency Services of South 24 Pargnas Division are setting new benchmarks in saving lives and properties, risking their lives.

A fire can rapidly spread and endanger lives in any moment. However, with modern fire Fighting techniques, catastrophe is usually but not always avoided to prevent fire from starting. A fire fighter’s duty is include public education about fire safety & conducting awareness campaign because fire fighters are often the first responder to people in critical conditions.

It is unworthy to mention here that the Fire & Emergency Services, government of West Bengal can take the privilege for all necessary Fire fighting arrangement covering the South 24 Parganas District round the year.

For any shorts of disaster may be manmade, natural calamities or other accidental disaster, the information may please be communicate to the following telephone nos. of Control Room & Officers under South 24 Parganas Division are stated below :

NAME	TELEPHONE NO.	STATION	TELEPHONE NO
<b>Sri D.K Ghosh D.F.O, South 24 Parganas</b>	<b>9830005044</b>	<b>District Head Quarter Control Room</b>	<b>2497-6285 /2409-8528 Mail Address- dfo.south24pgs@gmail.com</b>
	<b>2497-6285 /2409-8528</b>	<b>District Head Quarter Control Room (FAX)</b>	<b>2497-6285</b>
<b>Behala Fire Station</b>	<b>2497-6285 /2409-8528</b>	<b>Sri K. C. Mahapatra O/C, Behala Fire Station</b>	<b>8013991250 <a href="mailto:ocbehalafirestation@gmail.com">ocbehalafirestation@gmail.com</a></b>
Budge Budge Fire Station	Contact No. 2470-1271	Sri Swarup Kumar Khatua O/C Budge Budge FS	9804911797
Falta Fire Station	Contact No. 03174-222111	Sri Mintu Ghosh O/C, Falta FS	9433353937
Diamond Harbour Fire Station	Contact No. 03174-258900	Sri Debasis Halder O/C Diamond Harbour Fire Station	8001495889
Baruipur Fire Station	Contact No. 2433-2555	Sri Mohan Sadhu O/C Baruipur Fire Station	7003691805
Kolkata Leather Complex(Bantala) Fire Station	Contact No. 03218-210007	Sri Debabrata Chatterjee O/C K.L.C. (Bantala) Fire Station	6290644744
Canning Fire Station	Contact No. 03218 257101	Sri sandip Chakraborty O/C Kakdwip F.S.	9804029396
Sonarpur Fire Station	Contact No.	Sri Soumen Mondal	8436808066

	033 24359101	O/C Sonarpur F.S.	
Kakdwip Fire Station	Contact No. 03210255900	Sri Soficul Islam Pailan O/C Kakdwip F. S.	8145077025
Gangasagar	Contact No. 03210 240900	Sri Rakesh Naskar O/C Kakdwip F. S.	
Pujali Fire Station	Contact No. 033 24820004	Sri Ranjit Chowdhury, O/C Pujali F.S.	9163167682
Jaynagar Fire Station	03218226555	Sri Amit Mukherjee O/C, jayanagar F.S.	9163275777

The following appliances and gears are readily available in South 24 Pargana Division to confess the disaster situation of fire prevention and safety, fire fighting/suppression, as well as of playing an important role in disaster preparedness are as follows:

- 28 Nos. of various type of Water Tender & other appliances,
- Nos. of cutting, breaking gears like chain saw, circular saw etc. used for force entry & breaking & cutting of various materials like metal, wood, slabs etc.,
- Several types of small gears & hose fittings used for various purposes,
- Extension Ladder available each & every Fire Station extended up-to 3 storied building used for fire fighting & rescue purpose,
- Self contained breathing apparatus, or SCBA is ready, use for rescue workers, and fire fighter others to provide breathable air in an IDLH (immediate danger to life and health) atmosphere,
- 20 Nos. of Face Mark is ready at the Divisional Head Quarter, South 24 Pargana Division use for rescue workers, and fire fighter others to provide breathable air in an IDLH (immediate danger to life and health) atmosphere.
- Hydraulic Operated Cutting, Breaking & Spreading Tools,
- Aska Lights, Search Lights, Emergency Lights,
- Enfield Bullet Motor Cycle with Water mist Portable Fire-fighting Extinguisher,
- Several Nos. Breathing Apparatus Sets.
- Drill Machine,
- Rope Ladder,
- Honda Make Portable Pump,
- High capacity Portable pumps.
- Deep lift Pump,
- Petrol Operated Generator,
- Fire Ball

South 24 Pargana Division is always ready to gear up to these situations in terms of capacity building, advance training, procurement of equipment etc. We are already put a right step in this direction and also preparing various steps for aware the people by providing live demonstration & display of modern equipments, publicity, teaching classes, evacuation drills, mock drills etc.

Considering the situation he is requested to co-operate with us from respective Govt. & Non-Govt.organisation.in every aspects for better future prospect in this manner so that we may gather better knowledge for faster responding of such awkward situation to materialized now and wish it to grow in the forth coming days.

## EVACUATION PROCEDURE

1. Activation of Fire Alarm
2. Identification of location of the fire from security room and inform reception desk which in turn inform to the main incident controller.
3. Announcement through public address system.
4. Stop lift movement.
5. Turn-off power supply --- if necessary.
6. Send fire fighting team at the spot---use available fire fighting equipment's.
7. Inform Fire Department and if necessary other departments likes Police, CESC, Gas authority etc.
8. Cordon the building by security staff.
9. Evacuation the building by--- if so directed/Announced during evacuation
  - a) Don't get panic.
  - b) Use stair, Do not lift.
  - c) Close the door before leaving room.
  - d) Search toilet, store etc. by floor manager.
  - e) Floor manager will assist fire fighting team to locate the fire.
  - f) Floor manager will assist disabled persons to get out from the floor.
  - g) Once out, don't enter unless order to do so after emergency is over.
  - h) Assembled at the prefixed point for roll call.

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Arrangement to be made for team of respective responsibilities for Evacuation drill is as follows:-

- 1) Main Incident Controller – MIC.
- 2) Floor Manager (for every floor).
- 3) Assembly point manager.
- 4) Fire Fighting Team.
- 5) Search & Rescue Team.
- 6) Communication Team.

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## *HOSPITAL / NURSHING HOME*

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***“KEEP THE FIRE AWAY FROM THE PATIENTS,  
RATHER THAN MOVE THE PATIENTS AWAY FROM THE FIRE”***

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### NECESSITY OF DRILL:

- A FIRE DRILL IS INTENDEND TO ENSURE, BY MEANS OF TRAINING AND REHARSHAL, WHICH IS EXTREAMLY EMERGENT IN CASE OF FIRE INCIDENT.
- EACH & EVERY STAFF SHOULD KNOW THE EXISTING MEANS OF ESCAPE.
- SHOULD HAVE KNOWLEDGE OF ESCAPE ROUTES FROM ANY POINT OF THE BUILDING,
- DISTANCE TO TRAVEL TO A PLACE OF SAFETY,
- IDEA OF LIGHTING ARRENGEMENTS & EXIT SIGNS,

### PLAN OF ACTION TO DEFENCE FIRE

- DISCOVER THE FIRE POINT BY HEARING THE ALARM,
- RAISE THE ALARM THROUGH NEAREST POINT OF MANNUAL CALL POINT (MCP),
- CORRECT METHOD OF CALLING OF FIRE BRIGADE,
- TRY TO USE FIRE FIGHTING PORTABLE EXTINGUISHER, HOSE-REEL-HOSE, ETC,
- KNOWLEDGE OF ESCAPE ROUTES,
- EVACUATE THE BUILDING

*Action Plan of*  
**ANIMAL RESOURCES DEVELOPMENT-2023**  
of South 24-Parganas

## DISTRICT PROFILE

**South 24 Parganas** is a district of [West Bengal State](#), headquartered in [Alipore](#). It is the largest district of [West Bengal State](#) by area and second largest by population. On one side it has the urban fringe of [Kolkata](#) and on the other, the remote riverine villages in the [Sundarbans](#). district having a total area of 9,960 square Km, constitutes of 29 Blocks containing 310 Gram Panchayats and 2438 inhabited villages.

- As per the West Bengal Human Development Report 2004, the key Human Development Indices in the district of South 24Parganas are –Health Index – 0.74; Income Index – 0.47; Education Index -0.71; HDI- 0.64 as against the State indicators of 0.70; 0.43; 0.69; 0.61 respectively. The overall HDI rank of the district is 5.
- The Gross Domestic Product (GDP) of the State is 7.8% whereas the district GSDP is 5%.
- Per capita rural and urban income in the district are pegged at `18369/- and `55791/- respectively.
- The District CD ratio is 36% as on 31.03.2014 as against the State average of 68% and all India average of 72%.
- The Annual population growth rate 2000-2011 for the district is 2.1%
- The eastern part of the district is dominated by agriculture whereas the western part is that of industry.
- Paddy is the principal crop and most of the farmers cultivate 3 crops in a year

**N**atural Calamities like cyclone, flood and drought are common in West Bengal and are annual feature. There are many districts which are flood prone where as there are few other districts which are drought prone. Tornado in coastal area and land slides in hilly areas of the state are also not uncommon. Therefore, a detailed work plan /action plan are suggested for combating the natural calamities in the long term interest of Animal Resources Development.

The Action plan may be classified in three phases:-

- A. Preparedness in anticipation.**
- B. Immediate Action in face of calamity.**
- C. Post Calamity Action.**

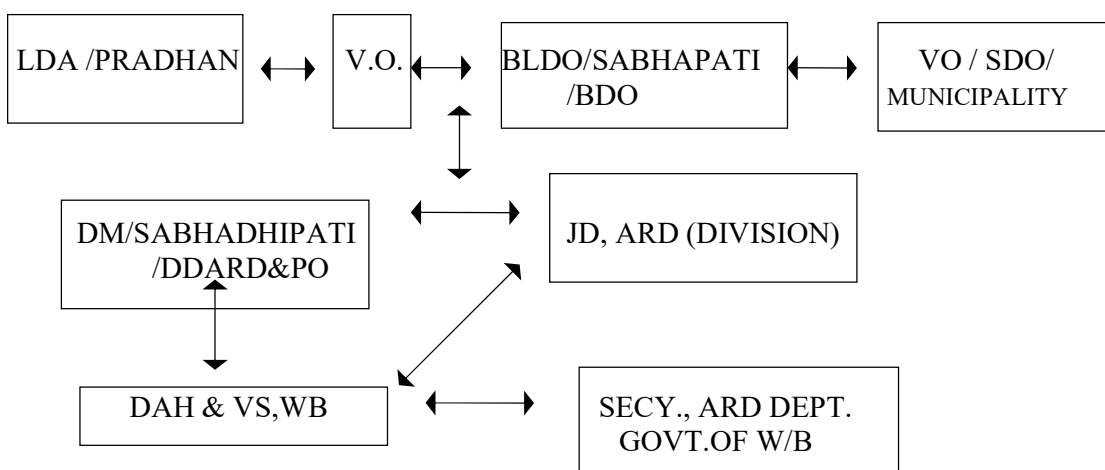
### **A. PREPAREDNESS IN ANTICIPATION:**

- ❖ Advance planning to keep all departmental staff alert before the onset of the season and their subsequent deployment in the eventuality should be through deployment planning and necessary strengthening.
- ❖ Arrangement for procurement and storage of essential inputs like medicine, vaccine, feed, fodder, disinfectants , water purifier etc. to save the affected livestock, to be made.
- ❖ Director of Agriculture Department/ Deputy Director, Agriculture (Admn.) of the district to be requested to keep the paddy straw in stock for the anticipated calamity.
- ❖ Managing Director of DAIRPOL to be requested to keep reserve the concentrate.
- ❖ *Animals in endemic zone, to be vaccinated against different bacterial and viral diseases as the case may warrant, e.g. Anthrax, H.S.,B.Q., R.D., F.C., F.P., etc.*
- ❖ Identification of vulnerable areas and livestock shelters.
- ❖ Arrangement to be made for opening control room at district/Sub-Division/block level and Veterinary team to be kept ready to proceed promptly along with medicines.
- ❖ Finalisation of rate for procurement of paddy straw locally by inviting quotation at Block/ District level.
- ❖ District Administrative Authority and Panchayat functionaries at various levels to be contacted in regular manner to have updating information for calamities and guideline to aware the farmers.

**B. IMMEDIATE ACTION IN FACE OF CALAMITY:**

- Opening control room at Block, Sub-Division, Districts and state Level.
- Assessment of need based requirement of inputs materials (feed & fodder, medicine, vaccine) for affected livestock and communication of the same to the Government.
- Procurement of feed from DAIRPOL and fodder from KVK/Agriculture /local market, medicine and vaccine to be distributed with the help of Block & Panchayat Functionaries.
- Opening of CATTLE CAMP immediately at the affected area near the temporary shelters followed by Animal Health Camps with medicines & vaccines and asses the loss in respect of ARD.
- Initiation of carcass removal by arrangement with Civil Defence Volunteers / Panchayat Functionaries/ Civil Society Organization.
- In case of resources mobilization, the ARD appeal general administration for necessary assistance including boat, if any.

The flow chart would be as follows:-



**C. POST CALAMITY ACTION (Delayed Action):**

- Animals in endemic zones, to be revaccinated against different bacterial and viral diseases as the case may be, e.g. Anthrax, H.S, B.Q, RD, FC, FP etc.
- Care should be taken to combat the post calamity various diseases of livestock which will affect their health and production.
- Economic rehabilitation of affected Livestock farmers may be provided with small units of Poultry, Piggery, Goatery and Dairy etc.
- Model Livestock scheme may be implemented in consultation with Panchayat Functionaries.

**SET UP CONTROL ROOM:** Following designated officers are for dealing with the natural calamities including Cyclone

SN	CONTROL ROOM	DESIGNATED PERSON	CONTACT NO.
	<b>District</b>	<b>AD, ARD (Vety.)</b>	<b>8902653370</b>
1	T/Mahestala	BLDO	7604010397
2	Budge Budge-I	BLDO	7604010404
3	Budge Budge-II	BLDO	7604010405
4	Bishnupur-I	BLDO	7604010402

5	Bishnupur-II	BLDO	7604010403
	ALIPUR S.D.	DEO, PBGSBS	7797554561
6	D/Harbour-I	BLDO	7604010408
7	D/Harbour-II	BLDO	7604010409
8	Falta	BLDO	7604010410
9	Mandirbazar	BLDO	7604010419
10	Kulpi	BLDO	7604010415
11	Mathurapur-I	BLDO	7604010420
12	Mathurapur-II	BLDO	7604010421
13	Magrahat-I	BLDO	7604010417
14	Magrahat-II	BLDO	7604010418
	D/HARBOUR S.D.	AD (VR&I), D/Harbour	9051168379
15	Baruipur	BLDO	7604010398
16	Sonarpur	BLDO	7604010425
17	Kultali	BLDO	7604010416
18	Joynagar-I	BLDO	7604010412
19	Joynagar-II	BLDO	7604010413
20	Bhangore-I	BLDO	7604010400
21	Bhangore-II	BLDO	7604010401
	BARUIPUR S.D.	AD,ARD (DI), S/24Pgs	9748072484
22	Canning-I	BLDO	7604010406
23	Canning-II	BLDO	7604010407
24	Basanti	BLDO	7604010399
25	Gosaba	BLDO	7604010411
	CANIING S.D.	VO, SAHC, Canning	9474405834
26	Kakdwip	BLDO	7604010414
27	Namkhana	BLDO	7604010422
28	Sagar	BLDO	7604010424
29	Patarpratima	BLDO	7604010423
	KAKDWIP S.D.	AD, (VR&I), Kakdwip	9434109431

### EMERGENCY SUPPORT FUNCTION (ESF) PLAN

1. Provision of Emergency Support in the event of natural/man-made disaster in regard to the following are:

(a)	Manpower
(b)	Services
(c)	Medicine & Vaccine
(d)	Feed & Fodder

2. Nodal Officers:- The detail of Nodal Officer and the Alternate Nodal Officer for the purpose of coordinating Emergency Support Functions are as mentioned below:

District Nodal Officer

Name & Designation	Office address	Residential Address	Phones with STD Code, e-mail
Dr Dr. Tarasankar Pan, DD, ARD&PO, South 24 Parganas	New Admonistrative Buildings, 8 <sup>th</sup> Floor, Alipur, South 24Parganas,	Binayak Enclav 59 KC Ghosh Road, Kol-50	033-24794755, 8670945644 ddardSouth24pgs@darahwb.org



### 3. Quick Response Team (QRT) at Field (District) Level:-

The District has set up a QRT at District level for emergency response and the task assigned and the detail of the Team are furnished below:-

Name/Designation/Office address	Phones with STD code, e-mail	Assigned works
<b>Team Leader</b>		
Deputy Director of ARD&PO South24pgs	033-24794755 / 24798901 ddardSouth24pgs@darahwb.org	Over all
<b>Alternate Team Leader</b>		
AD, ARD (Vety.), South 24Parganas	8902653370	
<b>Member-1</b>		
Asst. Director (Disease Investigation), South 24Parganas	9748072484	Disease control, vaccination
<b>Member-II</b>		
District Veterinary Officer, South 24Parganas	9432551659	Liaison

### 4. Resource Inventory:-

District is in a position to make available the following type of requirements:-

Sl. no.	Men/Material/Services Description/Specification	Qty. Nos.	in	Qty. Wt./Vol.	in	Availability Location
1	Manpower	As per need				Up to block & GP level.
2	Services					Available from State Govt. & NGO.
3	Medicine & Vaccine	As per need		As per fund Provision		At CMS & DI lab. Baruiipur.
4	Feed	As per need		As per fund Provision		At different feed plant of DAIRPOL throughout the State
5	Fodder	As per need				Dry fodder from Local area & green fodder from Govt. Farm / KVK-Nimpith/ Shysa-shymala / Narendrapur/ Agri. Farm/etc.
6	Vehicles	As per need				RTO-Alipur/ other
7	Settlement of Cattle Camp	As per need				With the help of PRI & Administration

### 5. The Emergency Support Function Plan

**Disasters that could lead to an emergency situation in the animal husbandry sector may arise Primarily due to the following four categories of risks:**

- i) Natural disasters: Flood, drought, cyclone, tsunami, earthquake, etc.
- ii) Infectious diseases: Zoonotic and non-zoonotic.
- iii) Fodder poisoning.
- iv) Miscellaneous: War (conventional war, BW or BT).

Sl. No	Name of the Blocks	GOVT. SET UP					Door Step Service provider (Self Employed)		
		SAHC	BAHC	ABAHC	MVC	ADAC	PB	PM	PS
1	T/Mahestala		1	1			4	7	
2	Budge Budge-I		1	1			6	7	0
3	Budge Budge-II		1	0		1	8	22	3
4	Bishnupur-I		1	0		2	4	17	3
5	Bishnupur-II		1	1		2	6	8	1
	ALIPUR S.D.	1							
6	D/Harbour-I		1	1		1	4	12	
7	D/Harbour-II		1	-	-	3	5	12	1
8	Falta		1	1		1	11	21	
9	Mandirbazar		1	0	-	1	8	18	2
10	Kulpi		1	2		2	12	27	4
11	Mathurapur-I		1	1	1		9	20	
12	Mathurapur-II		1	0		2	11	20	1
13	Magrahat-I		1	0		1	9	15	3
14	Magrahat-II		1	1		1	12	25	3
	D/HARBOUR S.D.	1							
15	Baruipur		1	2		1	14	34	2
16	Sonarpur		1	1		3	8	19	3
17	Kultali		1	0		2	7	14	1
18	Joynagar-I		1			1	10	22	1
19	Joynagar-II		1	1		1	10	20	1
20	Bhangore-I		1			1	5	16	
21	Bhangore-II		1				11	18	1
	BARUIPUR S.D.	1							
22	Canning-I		1			1	6	11	
23	Canning-II		1	1			6	13	7
24	Basanti		1	1	1	1	10	26	5
25	Gosaba		1		1	2	14	28	1
	CANIING S.D.	1							
26	Kakdwip		1	1	1	2	11	13	2
27	Namkhana		1	0	1		7	12	4
28	Sagar		1	1	1		8	17	
29	Patarpratima	1	1	1	1	1	16	27	12
	KAKDWIP S.D.	1							
	<b>District Total</b>				07				

\*\* There are three (3) Disease Diagnostics Laboratory at Baruipur, Diamond Harbour & Kakdwip.

## ANIMAL RESOURCES OF SOUTH 24 PARGANAS

Sl. No.	Name of the Blocks	Total Exotic	Indi. Cattle (TOTAL)	Total Buffalo (Total)	TOTAL CATTLE	TOTAL-SHEEP	Total Goat	Total PIG
1	T/Mahestala	543	2111	155	2809	0	1614	78
2	Budge Budge-I	3277	4198	0	7475	0	7108	0
3	Budge Budge-II	1139	7072	26	8237	0	8017	42
4	Bishnupur-I	413	9057	76	9546	355	11900	836
5	Bishnupur-II	1365	6116	26	7507	0	6687	100
	ALIPUR S.D.	6737	28554	283	35574	355	35326	1056
6	D/Harbour-I	1129	7688	9	8826	543	5693	28
7	D/Harbour-II	1046	15038	14	16098	328	7666	333
8	Falta	977	12067	3	13047	50	9158	122
9	Mandirbazar	2461	21840	18	24319	2014	22691	19
10	Kulpi	1490	20115	35	21640	947	20042	204
11	Mathurapur-I	1271	10369	43	11683	1684	10495	0
12	Mathurapur-II	2405	26137	179	28721	2413	16370	210
13	Magrahat-I	1425	21953	41	23419	524	20838	167
14	Magrahat-II	1533	24447	1	25981	466	22221	134
	D/HARBOUR S.D.	13737	159654	343	173734	8969	135174	1217
15	Baruipur	4917	20270	373	25560	1629	16618	380
16	Sonarpur	1213	14639	354	16206	1675	9481	927
17	Kultali	618	44978	368	45964	8460	28853	103
18	Joynagar-I	2325	14682	133	17140	1196	15658	72
19	Joynagar-II	2514	25404	385	28303	6119	28725	19
20	Bhangore-I	222	29828	436	30486	471	25052	523
21	Bhangore-II	2476	25787	88	28351	329	16492	268
	BARUIPUR S.D.	14285	175588	2137	192010	19879	140879	2292
22	Canning-I	204	24412	383	24999	6889	18190	1209
23	Canning-II	41	31505	362	31908	6752	22933	1948
24	Basanti	8695	44301	660	53656	16465	52854	2462
25	Gosaba	1914	49718	245	51877	15229	56210	4126
	CANIING S.D.	10854	149936	1650	162440	45335	150187	9745
26	Kakdwip	3056	39589	15	42660	596	25237	124
27	Namkhana	1894	29530	0	31424	2716	22584	712
28	Sagar	3725	58056	0	61781	4753	40753	177
29	Patarpratima	3628	78228	240	82096	13190	51463	899
	KAKDWIP S.D.	12303	205403	255	217961	21255	140037	1912
	<b>District Total</b>	<b>57916</b>	<b>719135</b>	<b>4668</b>	<b>781719</b>	<b>95793</b>	<b>601603</b>	<b>16222</b>

Particular	Cocks /Drakes			Hens / Ducks			Total Livestock Resources is 15,18,028 & poultry is 39,56,325
	Desi	Improved	Total	Desi	Improved	Total	
Chicken	237548	192230	429778	600781	432556	1033337	
Duck	274591	32820	307411	101161	20112	121273	





## CA-II REPORT

1	Name of the district	
2	Name of the Calamity	
3	Date & Time of occurrence	
4	No. & Name of Blocks affected	
5	No. & Name of Municipalities affected	
6	No. of villages affected	
7	No. of People affected	
8	No. of Human life lost	
9	No. of Cattle/Livestock Lost	
	Loss of Crop( Rs. In Lakh)	
10	Crop areas damaged ( in Hectors)	
	Loss of Crop ( in MT)	
11	Value of damaged crop ( Rs. In Lakh)	
12	No. of Houses damaged/destroyed:- Fully-----	Money Value ( Rs in Lakh)
	Partly -----	Money Value ( Rs in Lakh)
13	Damage to properties other than crops & houses Name of properties i) ii) iii)	Value of Damage : ( Rs. In Lakh)  i) ii) iii)
14	No. of relief Camps opened :	
15	No. of people in Relief Camps/ Shelters :	
16	No. of Gruel Kitchen opened :	
17	No. of Persons rescued :	
18	No. of boats deployed for evacuation :	
19	No. of Medical Teams deployed :	
20	No. of cattle Camps opened :	
21	No. of Cattle in Cattle camps :	
22	Total Loss in Lakh ( 9+11+12+13 )	
23	Relief Measures taken :	



# Disposal of Animal Carcasses: A Prototype

*Ref: NATIONAL DISASTER MANAGEMENT GUIDELINES: MANAGEMENT OF BIOLOGICAL DISASTERS, Annexure-H Refers to Chapter 6, Page 91*

## 1. If death was caused by a highly infectious disease

- Clean and disinfect the area after the carcass is removed.
- Wear protective clothing when handling dead stock and thoroughly disinfect or dispose of clothing before handling live animals.
- Properly dispose of contaminated bedding, milk, manure, or feed.
- Check with the State Veterinarian about disposal options. Burial may not be legal. Special methods of incineration or burial may be used in cases of highly infectious diseases.
- Limit the access of the dead stock collector and his vehicle to areas well away from other animals, their feed and water supply, grazing areas, or walkways.

The standard site requirements for disposal of dead animals are:

- 6 feet above bedrock, 4 feet above seasonal high ground water.
- 2 feet of soil on top, final cover.
- Greater than 100 feet from property lines.
- Greater than 300 feet from water supplies.

## 2. Composting dead stock

**A.** Decide what method you will use. Burial methods include static piles, turned windrows, turned bins, and contained systems. Information on the first three methods is available on several websites listed under 'Resources on deadstock disposal.'

- Static piles with minimum dimensions of 4 feet long, by 4 feet wide, by 4 feet deep are by far the simplest to use.
- Turned windrows may be an option for farmers already composting manure in windrows.
- Turned bin systems are more common for handling swine and poultry mortalities.
- The eco-pod is a contained system developed by Ag-Bag, which has been used to compost swine and poultry mortalities.

**B.** Select an appropriate site.

- Well-drained with all-season accessibility.
- At least 3 feet above seasonal high ground water levels.
- At least 100 (preferably 200) feet from surface waterways, sinkholes, seasonal seeps, or ponds.
- At least 150 feet from roads or property lines—think about which way the wind blows.
- Outside any Class I groundwater, wetland or buffer, or Source Protection Area contact—NRCS for verification.

**C.** Select and use effective carbon sources.

- Use materials such as wood chips, wood shavings, coarse sawdust, chopped straw or dry heavily bedded horse or heifer manure as bulking materials. Co-compost materials for the base and cover must allow air to enter the pile.
- If the bulking materials are not very absorbent, cover them with a 6-inch layer of sawdust to prevent fluids from leaching from the pile.
- Cover the carcass 2 feet deep with high-carbon materials such as old silage, dry bedding (other than paper), sawdust, or compost from an old pile.

- Plan on a 12' x 12' base for an adult dairy animal. The base should be at least 2 feet deep and should allow 2 feet on all sides around the carcass.
- When composting smaller carcasses, place them in layers separated by 2 feet of material.

**D. Prepare the carcass.**

- After placing the carcass on the base, lance the rumen of adult cattle. Explosive release of gasses may uncover the pile releasing odours and attracting scavengers.

**E. Protect the site from scavengers.**

- Adequate depth of materials on top of the carcass should minimise odours and the risk of scavengers disturbing the pile.
- Scavengers may be deterred by the temperatures within the pile, but, if not, an inexpensive fence of upside down hog wire may be adequate to avoid problems.

**F. Monitor the process.**

- Keep a log of temperature, carcass weight, and co-compost materials when each pile is started. Weather and starting materials will affect the process.
- Measure pile temperature with a compost thermometer 6 to 8 inches from the top of the pile and deep within to check for proper heating. Check daily for the first week or two. Pile temperature should reach 65°C for 3 consecutive days to eliminate common pathogens.
- Record events or problems such as scavenging, odours, or liquid leaking from the pile. Wait. Most large carcasses will be fully degraded within 4-6 months. Smaller carcasses take less time. Turning the pile after 3 months can accelerate the process.

### **Measures to be taken for Increasing Availability of Fodder**

1. Availability of adequate quantity of feed and fodder for livestock is essential for improving livestock productivity. Under the Rashtriya Krishi Vikas Yojana (RKVY), the States have sufficient funds and autonomy to undertake development of feed and fodder besides other agricultural and allied activities. The Accelerated Fodder Development Programme (AFDP) launched in the financial year 2011-12 as a component of RKVY has also provided additional funds to the selected States. Further, as per the latest guidelines, MNREGS funds can also be utilized for improving availability of fodder.
2. Though the availability of feed and fodder has improved in the last decade, still there exists a substantial gap between the demand and availability of fodder in the country, particularly during the lean periods and at the time of natural calamities including droughts/floods. Measures may be taken for ensuring maximum availability of fodder for sustaining livestock production:

**Optimum utilization of land resources**

3. India with above 2.3% of the land area of the world, is maintaining about 10.71% of the world's livestock. The availability, requirement and shortage of fodder as estimated by NABCONS in 2007 is as under:

**(Dry matter in million tones)**

S.No.	Type of fodder	Demand	Availability	Gap
1.	Dry Fodder	416	253	163 (40%)
2.	Green Fodder	222	143	79 (36%)
3.	Concentrate	53	23	30 (57%)

**Source: NABCONS-2007.**

4. The number of livestock is growing rapidly, but the grazing lands are gradually diminishing due to pressure on land for agricultural and non-agricultural uses. Most of the grazing lands have either been degraded or encroached upon restricting its availability for grazing. The area under fodder cultivation is limited to about 4% of the cropping area, and it has remained static for the last four decades. Owing to the importance of food crops and other cash crops, it is very unlikely that the area under fodder cultivation would increase substantially.
5. Therefore, the need of the time is to adopt the practice of land use with multiple crops in a sustainable manner. Adopting Silvi-pastoral and Horti-pastoral models suitable to the area can help in substantially enhancing the availability of forage for the livestock.
6. Inadequate availability of quality fodder seeds is a major constraint. Fodder seed production is not remunerative in many of the fodder crops. State Governments may take initiatives to encourage farmers for taking up the production of high yielding varieties by providing sufficient incentives to farmers for production of fodder seeds of high yielding varieties by way of assured procurement with a remunerative price and assistance of inputs. State Governments can avail the benefit of the component of 'Fodder Seed Procurement and Distribution' under the 'Centrally Sponsored Fodder and Feed Development Scheme'. Provisions under AFDP can also be utilized for this purpose.
7. There is a need to disseminate the benefits of using high yielding quality fodder seeds and combination of crops among the farmers through front line demonstrations (FLD) and minikits.
8. Cultivation of Azolla may be taken up on large scale as it is highly nutritious, rich in protein and ready within a week.
9. This Department is implementing the component of grassland development including grass reserves with 100% Central grant. States can avail benefit under the scheme. Besides, other marginal lands like roadside land, canal side land, land along the railway tracks, etc., may also be utilised for forage cultivation. The forest department can also undertake silvi-pastoral plantations in degraded forest areas through the Joint Forest Management Committees for use of the communities as explained earlier.
10. The State Governments should make it a priority programme to install chaff cutters and construction of manger in each and every household keeping cattle, in order to economize the use of available fodder. This measure can result in saving of upto about 30% fodder.
11. State Governments may promote use of crop residues and agricultural wastes/bye-products as animal feed by enriching it through available technologies like treatment of straw with urea and molasses along with silage. Green topping of sugarcane and other crops should be saved for use as fodder.
12. It has been seen that very less emphasis is given on extension activities for feed and fodder development. States may strengthen extension activities by associating KVKs, which must play a lead role in educating the farmers in maximizing fodder output with limited land and ensuring quality of feed. Progressive livestock farmers may be identified for training through KVKs/SAUs for growing

improved varieties of fodder. The progressive farmers can in turn train other farmers.

13. Use of leguminous crops with forage varieties may be popularised through frontline demonstrations through the KVVKs.
14. State Governments may dovetail the fodder and feed development programmes with the MNREGA. The guidelines of MNREGA provide for location-specific grassland development for ensuring adequate fodder supply.

QRT & RRT Team: -

Sl. No.	Name of Block	Headed By	Contact No.
1	T/Mahestala	BLDO	7604010397
2	Budge Budge-I	BLDO	7604010404
3	Budge Budge-II	BLDO	7604010405
4	Bishnupur-I	BLDO	7604010402
5	Bishnupur-II	BLDO	7604010403
6	ALIPUR S.D.	DEO, PBGSBS	7797554561
7	D/Harbour-I	BLDO	7604010408
8	D/Harbour-II	BLDO	7604010409
9	Falta	BLDO	7604010410
10	Mandirbazar	BLDO	7604010419
11	Kulpi	BLDO	7604010415
12	Mathurapur-I	BLDO	7604010420
13	Mathurapur-II	BLDO	7604010421
14	Magrahat-I	BLDO	7604010417
15	Magrahat-II	BLDO	7604010418
16	D/HARBOUR S.D.	AD (&I), D/Harbour	9051168379
17	Baruipur	BLDO	7604010398
18	Sonarpur	BLDO	7604010425
19	Kultali	BLDO	7604010416
20	Joynagar-I	BLDO	7604010412
21	Joynagar-II	BLDO	7604010413
22	Bhangore-I	BLDO	7604010400
23	Bhangore-II	BLDO	7604010401
24	BARUIPUR S.D.	AD,ARD (DI), S/24Pgs	9748072484
25	Canning-I	BLDO	7604010406
26	Canning-II	BLDO	7604010407
27	Basanti	BLDO	7604010399
28	Gosaba	BLDO	7604010411
29	CANIING S.D.	VO, SAHC, Canning	9474405834
30	Kakdwip	BLDO	7604010414
31	Namkhana	BLDO	7604010422
32	Sagar	BLDO	7604010424
33	Patarpratima	BLDO	7604010423
34	KAKDWIP S.D.	AD, (VR&I), Kakdwip	9434109431

**Action Plan of  
Deputy Director of Agriculture (Admin) – 2023  
of South 24-Parganas**

**Introduction :-** The district of South 24 Parganas is located in the lower deltaic plain on the composite Gangetic Delta and covered by the Quaternary sediments deposited by the Ganga and its tributaries.

**Water stagnation is a regular feature** in the Sadar, Baruipur , Canning and Diamondharbour Sub-Division of the district covering 15 nos. of Blocks out of 29 nos. Blocks

**Due to poor drainage system** rain water remain stagnated in the Paddy fields during the month of August - October every year causing huge damage to the Paddy.

Sometime problem becomes aggravated due to **breach of Embankment** of Rivers / Sea causing over inundation of Crop fields.

Sometimes **drought like situation** arises due to late arrival of monsoon and also in the mid-kharif season.

Apart from drought and flood, **hail storm, thunderstorm**, etc are also of common occurrence of this district, although the extents of damage in these cases are not as much as drought and/or flood.

To combat the situations arisen due to Natural calamities, a contingent planning is made from this end.

The farmers of this district are advised to follow the management methods according to the situation noted below.

**RAINFALL PATTERN OF SOUTH 24 PARGANAS ( LAST 10 YEARS` AVERAGE)**

MONTH	NORMAL RAINFALL (MM)	NORMAL ONSET	NORMAL CESSATION
JUNE - SEPTEMBER	1257.35	2 <sup>ND</sup> WEEK OF JUNE	1 <sup>ST</sup> WEEK OF SEPTEMBER
OCT- DEC	268.77	1 <sup>ST</sup> WEEK OF OCTOBER	1 <sup>ST</sup> WEEK OF DEC
JAN- FEB	57.32	1 <sup>ST</sup> WEEK OF JANUARY	1 <sup>ST</sup> WEEK OF FEB
MARCH-MAY	142.13	1 <sup>ST</sup> WEEK OF MARCH	1 <sup>ST</sup> WEEK OF MAY
ANNUAL	1725.57		

**Planning for Drought**

**A) Occurrence of drought at the early stage of Kharif cultivation :-**

- i) **Preparing seed bed in phases** to get seedlings of proper age during transplanting availing favourable weather condition, long duration paddy varieties can be transplanted up to 1<sup>st</sup> week of September according to the land situation.
- ii) High yielding varieties like IET-5656, MTU-7029, Sabita, Mukdashree, Gosaba-5, Swarna Sub-1, Ciherang Sub-1, Ranidhan can give good production if they are **transplanted late with aged seedlings**. So, 10% seed stock may be made from those varieties.
- iii) Construction of Earthen Bunds around the individual plot to **harvest runoff water**.
- iv) **Application of Organic Manure** at recommended doses to improve water holding capacity of the soil.
- v) **Un-covered upland** area may be covered according to the availability of moisture **with pulses** (crops like- Rabi Kalai, Summer Moong) **Oil seeds** (like-Winter-Til, and Sunflower etc.).

- vi) In case of **late arrival of monsoon** in later part of July or early to mid part of August rice can be cultivated following **System of Rice Intensification (SRI) technology**. In this technology seedling can be raised within 12-14 days. There is requirement of only 800gm. to 1 kg of Seed per bigha of Land. This technology is suitable in Upland or Medium type of land stratification.
- vii) Adoption of **SUDHA technology** of Rice cultivation for combating the untimely rainfall may be advocated. In this case 1.3 to 1.6 kg paddy seed is sown in 2 katha (133sq.mt) and seedling can be grown in nursery bed up to 40-60 days. As such depending upon the availability of rain water farmers can transplant the paddy seedlings as per situation.
- viii) Use of **Drum-seeder** is suitable for Rice cultivation. The germinated Seeds are directly sown in puddled soil. This will give uniform Crop growth and Yield will be at per the normal system.
- ix) Adoption of **Zero Tillage technique** of rice sowing.
- x) Application of 50% **Nitrogen of total dose as basal** and closer spacing with higher number of Seedlings per hill are to be practiced for rice transplantation.

**B) Occurrence of drought at the mid of the Kharif season.**

- i) **Life saving irrigations** has to be arranged from stored surface water as well as by utilizing ground water where possible according to the situation.
- ii) Construction of Earthen Bunds around the individual plot to harvest runoff water.
- iii) The cropped fields should be kept **weed free** to avoid moisture loss and up rooted Bio-Mass of weeds may be used as Soil Mulch, other mulching materials may also be used to conserve Soil Moisture. Top Dressing with Nitrogenous fertilizer should be discontinued to avoid Plasmolysis. However, depending upon the crop growth foliar spray of Urea @1-2% may be applied at the critical growth stages of the crop.
- iv) **Seepage losses of water** from field channels should be arrested or minimized and field channels should be kept weed free.
- v) **Top dressing of fertilizer** should be made with re-occurrence of rain especially at the critical stages of crops like tillering and just before panicle initiation stages of the crop to boost up growth and yield.

**C) Occurrence of drought in the late period of Kharif Season.**

- i) In this situation **life saving Irrigation** should be given according to the most critical growth stage where possible.
- ii) One thing is to be noted here that if the paddy fields are kept moist (under field capacity) at least for a period of 30 days (that is 15 days from panicle initiation up to grain formation stage) can give an average or moderate production.
- iii) **Intensive Rabi/summer cropping programme** should be taken to compensate the kharif loss if rain is available in the month of November or December.



## PLANNING FOR FLOOD

i) **Early Flood: -**

(a) In case of early flood (July-Aug), **Second transplantation** may be made especially up to 15<sup>th</sup> September to get some yield. Rabi Kalai, Winter Til, Summer Moong etc. can be grown as alternative crop (s) in the up and medium lands where further transplantation is not possible.

(b) **Use of sufficient Organic matter** to avoid detrimental effect of sand infiltration in the cultivable areas to some extent, if sand accumulation is high then it is to be excavated either manually or mechanically.

In case of early flood, Rice can also be cultivated following **System of Rice Intensification (SRI) technology, SUDHA** and or by using Drum-seeder.

ii) **Late Flood :-**

(a) In this case when there is no scope for Kharif programme **intensive Rabi/summer programme** is necessary to mitigate the Kharif loss.

(b) Use of **sufficient Organic matter** to avoid detrimental effect of sand infiltration in the cultivable areas to some extent, if sand accumulation is high then it is to be excavated either manually or mechanically.

After receding flood water from paddy field, first 4kg Muriate of **Potash** and after 7 days 10 kg of **Urea** per 33 decimal areas are to be applied. For controlling of diseases, appropriate **fungicides** are to be applied in consultation with local Asstt.D.A, Block.

### DETAILS OF DISASTER MANAGEMENT (DROUGHT OR FLOOD) PLAN FOR THE YEAR 2023

#### **1. PLANNING FOR MANAGEMENT OF DROUGHT :-**

**A) Drought in the Early stage of the Kharif Season :-**

i) Organization of awareness camp/farmers training camp at block /village level by the A.D.A. block/K.P.S under the supervision of the concerned A.D.A. block. The content of awareness camp should be growing of crops in different land situation, varieties of paddy can be grown late and their Agronomical practices etc.

ii) **Following Minikits are to be required for distribution among the Small & Marginal Farmers :-**

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to be Covered
1.	Paddy (HYV)	70000	6 kg./kit	9334 ha.
2.	Black gram	1000	4 kg./kit	133 ha
3.	Rabi Kalai	20000	4 kg./kit	2667 ha.
4.	Khesari	1200	4 kg./kit	160 ha.
5.	Toria	20000	1 kg./kit	2667 ha.
6.	Sunflower (Hybrid)	3000	1 kg./kit	4000 ha.
7.	Maize (Hybrid)	10200	3 kg./kit	1200 ha.
8.	Summer Moong	100000	4kg/kit	13333 ha

**B) Drought in the Mid of the Kharif Season :-**

Organization of Training camps /group meeting at Block /Village level by the A.D.A. block/K.P.S under the supervision of the A.D.A. block, regarding agronomical practices, judicious use of rain & Irrigation water etc. during drought & also after re-occurrence of rain.

**C) For Late draught :-**

i) Organization of Training camp/group meeting/farmers meeting at block level & village level by the A.D.A. Block & K.P.S respectively regarding judicious use of irrigation water according to the critical stage of growth.

Intensive Rabi summer Production programme is necessary to mitigate Kharif loss.

- ii) **Following Minikits are required for distribution among drought affected Small & Marginal Farmers**

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Wheat	3000	15 kg./kit	400 ha.
2.	Mustard	16000	1 kg./kit	2100 ha.
3.	Lentil	30000	4 kg./kit	4000 ha.
4.	Gram	3000	4 kg./kit	400 ha.
5.	Khesari	26000	4 kg./kit	3467 ha.
6.	Summer Sesamum	30000	1 kg./kit	4000 ha.
7.	Summer Moong	30000	4 kg./kit	4000 ha.
8.	Sunflower (Hybrid)	28000	1 kg./kit	3700 ha.

## **2. PLANNING FOR MANAGEMENT OF FLOOD**

### **A) Early Flood:**

The following measures will be taken to tackle the situation:-

- i) Raising of **community nursery bed in Govt. Farms and high land of farmers' field** with appropriate high yielding variety like Ajit, Rajendrabhagawati, MTU1010, DRR-42, DRR-45, IR-64 Sub, CR Dhan801, RaniDhan, Swarna Sub-1, Ciherang Sub-1 etc. In case of non availability of HYV, local variety like Bhasamanik, Kabirajsal, Bahurupi, Nagra, etc can be cultivated.

- ii) **Minikit for distribution** among the flood affected small & marginal farmers.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy (HYV)	150000	6 kg./kit	18000 ha.
2.	Rabi Kalai	6000	4 kg./kit	800 ha.

### **B) Late Flood.**

Minikit for distribution among the flood affected small & marginal farmers.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Boro Paddy	133333	15 kg./kit	40000 ha.
2.	Mustard	15000	1 kg./kit	2000 ha.
3.	Fertilizer	133333	30kg./kit	40000 ha
4.	Gram	3000	4 kg./kit	400 ha.
5.	Khesari	3000	4 kg./kit	400 ha.
6.	Summer Sesamum	15000	1 kg./kit	2000 ha.
7.	Summer Moong	3000	4 kg./kit	400 ha.
8.	Sunflower	3000	1 kg./kit	600 ha.
9.	Lentil	3000	4 kg./kit	400 ha.
10.	Hybrid Maize	4000	3kg./kit	535 ha

### **a. PLANNING FOR MANAGEMENT OF HAIL STORM**

This is also of common occurrence in this District.

- (a) Reconstruction measures are to be undertaken to make good the losses of the farmers.  
 (b) Early sowing of Boro Paddy and other summer crops so as to escape the natural peril which usually occur during end April and early May.  
 (c) Following minikits are to be required for distribution among the Small & Marginal Farmers to compensate the Loss of Boro Paddy and other summer crops.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy (HYV)	50000	6 kg./kit	6000 ha.
2.	Maize (Hybrid)	7500	3 kg./kit	1000 ha.

### **Other measures to be taken are as follows**

1. Conversion of short term Crop Loan into medium / long term loan.
2. Sanction of loan to the disaster affected farmers through KCC.
3. Bringing farmers under Crop insurance (Bangla Shasya Bima Scheme) coverage.
4. Financial Assistance to calamity affected farmers under SDRF following Government norms and orders.
5. Maintaining the stock of Paddy Straw in Govt. Farms for meeting up the contingent requirement of the Department of Animal Resource Development.

***School Safety Plan – 2023***  
South 24-Parganas

**What is the need for preparing School Safety Plan?**

The aim of School Safety Plan is to ensure the safety of students and staffs during emergencies. It is necessary to know how to identify hazards in the school, how to manage the hazards and how to mitigate the effects through planning and effective response. As the schools have many resources and are community nodes, and they also having a responsibility towards the immediate locality.

**SCHOOL DISASTER MANAGEMENT COMMITTEE (SDMC):**

**FOR SECONDARY SCHOOL:-**

- a) Headmaster /Headmistress/Teacher-in-charge
- b) President of Govt. Sponsored Committee
- c) Representative of BDO
- d) BMOH
- e) Concerned Sub-Inspector of School
- f) Two guardians

**Functions of SDMC:-**

1. Awareness Generation.
2. Development of Preparedness and Response Plans at the Community as well as Administrative levels.
3. Training and Capacity Building at all levels.
4. Resource Management and Logistics support.
5. Identify the health hazards.
6. Exercises, Evaluations and Corrective Measures.

**TYPES OF DISASTERS WHICH AFFECT CHILDREN SEVERELY IN THE SCHOOL:**

- Fire
- CMDMP
- Earth quack
- Dengue
- Malaria
- Flood
- Cyclone
- Snake bite

## Status of SSPDM in South 24 Parganas

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not	
BISHNUPUR II	Gobindapur Union Sikshaniketan (Hs)	RURAL	1100		Only Small Fire Extinguishers (3)	9831926212 (HM)		
	Mirzapur Agri Industrial H.S.					9734029562		
	Mathurapur Arya Vidyapith Rmsa					9433288486		
	Krishnachandrapur High School(Rmsa)					8001679368		
	Batiswar Dr. Sailendra Dhananjoy Vidyapith					9433245696		
	Ranaghata High School H.S.					9733516408		
	Bhetkipur High School					9830739340		
	Patunighata Girls High School					9051877222		
	Datterchak High School (H.S)					943222860		
	Mathurapur Balika Vidyalaya( H.S.)					9830014272		
	Kamarpota Ramkrishna Vidyamandir H.S.					9564107947		
	Lalpur Santoshnagar High Madrash					9732824362		
	Katandighi Junior High School					9836280820		
	Kankpukur Junior High School					9733594450		
	Debipur Junior High School							
	Bgrihasrees For Girls Up			1087	19	Yes	9434572956	
	Udayrampur Pollisri S Up			1672	27	No	9681150637	
	Amtala Nivedita Balika Up			1436	26	Yes	9830401608	
	Enayatnagar MI H Madrasa Up			998	19	Yes	9831147393	
	Pir Tala High School Up			1241	23	No	9836003784	
	Roraty R Vidyapith			767	17	Fire Extinguisher	8777751002	
	Seve Nagar Balika Bidyalay Up			1300	23	Yes	9051668449	
	Gobindapur U S Niketan Up			1100	19	Small Fire Extiguisher	9831926212	
	R C Nagar High School Up			618	13	Nil	9330948160	
	Kishorepur Girls Jr High			126	13	Fire Extinguisher	8777025525	
	Gotalahat Sb High School Up			1320	23	Fire Extinguisher	9433079336	
	Egara Gram S Niketan Up			222	6	Yes	9062304677	
	Joyrampur M C Dey S S Up			130	12	Yes	9831097594	
	Rk Pur S Bidyamandir J H Up			78	7	Yes	8647866249	
	Vidyanagar Balika Vidyalaya			1724	29	2 Fire Extenguishar	9830806702	
	Bakhrachat Girls High School Hs			1530	36	3 Fire Extenguishar	7044055167	
	Bakhrachat High School Hs			1450	33	2 Fire Extenguishar	9836956009	
Nandabhanga High School			520	13	Yes	9874878354		
Ramnagar Adarsha High School			1850	35	2 Fire Extenguishar	8697725577		
Baragagan Gohalia High School			203	12	Yes	9163998364		
NAMKHANA A	Fatikpur Jr High School		151	2	No	9732928029		
	B Pur P Saha M H Madrasa Up		596	STAFF-4, TEACHER-7	Fire Extinguisher	9735218502		
	B Pur S M Balika Bidyalaya Up		98		No	8001223308		
	Budhakhali Jr.High School							
	Rajnagar Srinathgram B Bidyapith Up		1464	31	No	9732434909		
	Ganeshnagar J Hs Up		487	STAFF-3, Teacher 14	Yes	9933882628		
	N Pur Ln Madhyamik B Up		667	Teacher-8 (including H.M) & Total10 (staff)	Fire Extingguisher,Sand Bucket & Watery Pond With In School Premises	9733851852		
	Namkhana N B Mandir Up							

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Namkhana High School		820	21	Fire Extinguisher	9233109705	
	Namkhana Narayananj Jr.High						
	Debnagar B Bidyalaya Up		672	7	Fire Extinguisher, Dry Power Cell-02	9933473699	
	Debnagar Md High School		1405	TEACHER- 17, PARA TEACHER- 2, LIBRARIAN- 1, GROUP C- 2, GROUP D- 1	Fire Extinguisher	HM- 9732697258/ 9474399660	
	Namkhana U R B Bidyalay Up		350	7	No	9163492365	
	Namkhana Union High School		1021		Fire Extinguisher	9932286310	
	Dwariknagar High School		603	2 & 10	Two Fire Extinguisher For Mid Day Meal Section And Two Ponds At Our School Premises	9735457652	
	Mousini Co Operative Hs		1541	14 & 3	Nil	9830416889	
	Baliara Kishor High School		985	15	Yes	9432952780	
	Kusumtala Baliara Junior High		97	2	Fire Extinguisher	8513960205	
	Dakshin Chandanpiri Jr. High School		109	2	No	7890911801	
	Chandanpiri Piri Murari Mohan High School (H.S.)		1142	18	Water Pump-01, & Fire Extinguisher (Dry Powder Cell)-03	9733908032, 9933021755	
	Haripur North Junior High School		62	2	Nil	9933548193	
	Haripur G Dhar Bidyapith		781	13	Fire Extinguisher Dry Power Cell-01	9733563273	
	D C Nagar Kartick Chandra Balika Bidyapith		153	4		7602497377	
	Dakshin Chandranagar Jr.High		31	2	Fire Extinguisher	9733547871	
	Radhanagar Singhapara Jr High		102	4		7872115785	
	Rajnagar Biswambhar High School		1780	32 & 27	Yes	9933134890	
	Patibunia Junior High School		152	2	Fire Extinguisher	9836618616	
	Patibunia Upendra Bidyapith		824	13	1. Fire Fighting Cylender 2. Emergency Exit 3. Storage 4. Awarness Programme Among The Students.	9732606393 puvidyapith@ gmail.com	
	Shibrampur Jr High School		138	4	No	8768003494	
	D Durgapur C A High School			STAFF-1, TEACHER- 14	Yes	9126682953	
	Debinibas Junior High School		71	1	No	9735243020	
	N Tala D Siksha Sadan Up		1896	26	No	9735635589	
	F Ganj K Prasad A Bidyapith Up						
	Laxmipur Prabartak Jr High		209	4	Fire Extinguisher	8945991552	
BHANGAR II	Bhojerhat Sarada Deshapriya Balika Vidyalaya		1585	30	Fire Fighting Measure Exists Only In Kitchen.	9231973149	
	Karbala Balika Vidyalaya		1032	9	Fire Extenguishars Are Present	9635010369/ 9903772540	
	Polerhat High School		3330	43	Yes	7797458461	
	Kantalia High School		1215	24	Have 2 Nos. Of Fire Extinguisher And Alternative Exit Gate.	943264880	
	Langal Benki Polly Mongal High School		610	10	No	9836316813	
	Hatgacha Haridas Bidyapith Up		2719	45	Fire Extenguishars Are Present	9836256947	
	Bamanghata High School		1886	34	Fire Extinguisher - 2	9748302303	
	Beonta Junior High School		192	4	Fire Extenguishars Are Present	9173574634	
	Hatisala Sarojini High Madrasah(H.S)		1759	40	Fire Extinguisher - 2	9903233689	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Paikan Junior High School		87	4	Fire Extenguishars Are Present	8336903001	
	Bhagowanpur High School		2903	63	Yes	9163817940	
	Pithapukuria Junior High School		92	4	Fire Extenguishars Are Present	8336903001	
	Satulia I Senior Madrasha		1753	26	Fire Extenguishars Are Present	7602455537	
	Satbhaiya Jr.High School		206	4	Fire Extenguishars Are Present	9836118338	
	Alakuilia Junior High School		216	4	Fire Extenguishars Are Present	9874993685	
	Chilatala Junior High School		50	4	Fire Extenguishars Are Present	9836627852	
	Kachua High School		1720	22	Fire Extenguishars Are Present	9775189804	
	Bamunia South Jr.High School		147	4	Fire Extenguishars Are Present	9564491086	
	Chaltaberia High Madrasha		1810	24	Yes	9635496690	
	Sayastyangachi Jr.High School		94	4	Fire Extenguishars Are Present	9732633295	
	Uttargazipur Jamadarpukur Jr.High		40	4	Fire Extenguishars Are Present	9731399089	
	Shyamnagar Junior High School		152	4	Fire Extenguishars Are Present	9748918477	
	Garagacha Junior High School		384	4	Fire Extenguishars Are Present	8936710110	
	Majerhat Chalegoalia Jr.High School		144	4	Fire Extenguishars Are Present	8820061229	
	Nimkuria Junior High School		161	4	Fire Extenguishars Are Present	9051845938	
	Karbala High School		2080	25	Fire Extenguishars Are Present	9433150140	
MATHURA PUR II	Bhadrapara Gilarchat Girls High School		1705	34	Fire Extenguishar	9434570922	
	Bhadrapara Gilarchat High School Hs		113		Fire Extenguishar	7407640489	
	Boyargadi Dukherpole Jr High School		27	1	Fire Extenguishar	9732813708	
	Chapla High School Hs		742	24	Fire Extenguishar	8296951414	
	Dighirpar Karalirchak High School		976	25	Fire Extenguishar	9933962666	
	Halderpara Jr High School		34	2	Fire Extenguishar	9733853023	
	Istaranpur Kalyanipada H School Hs		631	15	Fire Extenguishar	9933017925	
	Kashinagar Girls High School Hs		869	19	Fire Extenguishar	9836239619	
	Kashinagar High School		1101	24	Fire Extenguishar	9474192902	
	Katlapara Jr High School		30	2	Fire Extenguishar	9734227523	
	Kautala Ramkrishna Ashram H School		1317	24	Fire Extenguishar	9733945761	
	Khanrapara High School		762	21	Fire Extenguishar	9830034748	
	Khari Gunasindhu Balika Vidyapith Hs		492	13	Fire Extenguishar	8017437001	
	Khari Kalikapur High Madrasah		417	10	Fire Extenguishar	9732828364	
	Mukherjeerchack Bd High School		584	16	Fire Extenguishar	9007701701	
	Pakurtala Ramkrishna Vidyamandir		461	14	Fire Extenguishar	9002111296	
	Purandarpur Hhd High School Hs		560	16	Fire Extenguishar	9564054303	
	Radhakantapur S Charan H		424	7	Fire Extenguishar	9775534636	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	School						
	Sahachari Bihari Vidyapith High		241	7	Fire Extenguishar	9933974602	
	Subhasnagar High School		453	12	Fire Extenguishar	9732766735	
	Rangamina Nalpurkur Junior High School		21	1	Fire Extenguishar	9002664055	
	Baribhanga B Charan B Hs						
	Chowddarashi Junior High School		71	2	2 Fire Extenguishar	9836343145	
	Dakshin Kankandighi Jr High School		43	2	1 Fire Extenguishar	9143518108	
	Damkal Jr High School		63	2	2 Fire Extenguishar	9732757681	
	Damkal Pirkhali Junior High School		141	1	1 Fire Extenguishar	9051119168	
	Jata Nagendrapur High School Hs		1366	20	3 Fire Extenguishar	9123689794	
	Jogendrapur High School Hs		1272	18	3 Fire Extenguishar	9932735710	
	Joykrishnapur A N Vidyapith		825	25+2	2 Fire Extenguishar, 2 Large Pond, A Water Tank 3 Emergency Exit	7980566066	
	Kailashpur Jr High School		96	3	3 Fire Extenguishar	9143857062	
	Kankan Dighi Babujan Sephi H School		577	11+2	1 Fire Extenguishar	9932791823	
	Kumrapara Delwar Hossain Vidyapith		652	13+2	3 Fire Extenguishar	8653838079	
	Madhusudan Chak Jr High School		70	2	2 Fire Extenguishar	7797768362	
	Nagendrapur H K High School Hs		1103	19	3 Fire Extenguishar	9933141559	
	Nandakumarpur High School Hs		920	24	Insufficient	9674095185	
	Narendrapur Milan Vidyapith H S		1151	27	3 Fire Extenguishar	9433617638	
	Purba Joykrishnapur Jr.High School		28	1	3 Fire Extenguishar	8777030383/ 9831727379	
	Purba S Sarkarpara Jr High School		105	2	Fire Fighting Cylinder	9734347283	
	Raidighi S C High School Hs		2219	27	3 Fire Extenguishar	9475339429	
	Singher Chak Jr High School		76	2	2 Fire Extenguishar	8926553903	
	Srifaltala Sannyasi Gayen Balika Vidyapith		352	9	Insufficient	8116526799	
	Sundarban S G B Vidyamandir		219	9	4 Fire Extenguishar	9836007919	
	Taltala Junior High School		92	2	1 Fire Extenguishar	9062390134	
	Goalara Jr. High School		5	0	Insufficient	9732545268	
	M K Milan Sikha Sadan Up		699	12		9732813802	
BISHNUPU R I	Abhoy Charan Vidyapith Hs		1150	30	Yes	9748028293	
	Amgachia Junior High School		45	3	Yes	8777348891	
	Amgachia Lalbahadur Junior High School		66	5	Yes	9836866717	
	Bagi Kalipada Roy Vidyamandir Junior High School		82	8	Yes	8336857771	
	Bardeuli Adarsha Sikshaniketan High School		450	11	Yes	9836408290	
	Bejoyrampur Pyarimohan High School		580	10	Yes	9831713489	
	Bishnupur Junior High School		28	5	Yes	9903935290	
	Bishnupur Siksha Sangha		1516	34	Yes	9903424547	
	Dakshin Gouripur Jr High		72	3	Yes	7685852699	
	Daulatpur High School		170	28	Yes	9883735434	
	Gabberia Chhatra Bandhu Vidyapith Hs		2100	36	Yes	9143174116	
	Gandhabaduli Aghore Kamini Institution Hs		1250	27	Yes	9748040171	
	Kanyanagar Vidyapith High School		492	10	Yes	9433855269	
	Kastekumari H School Up		1670	33	Yes	9831713489	
	Khariberia Junior High School		150	5	Yes	9903360875	



Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Moudi Jr High School		28	1	No	9830566452	
	Raghudevpur Elokeshi Aikatan Balika Vidyalay		1193	24	Yes	8229912228	
	Altaberia Junior High School		93	5	Fire Extinguisher	7890244688	
	Balakhali Junior High School		67	5	Fire Extinguisher	9804808071	
	Bhanru High School		318	9	Fire Extinguisher	9874756394	
	Chaknetai Junior High School Co Ed		51	5	Fire Extinguisher	9051951876	
	Chakrasun Mamud Junior High School		51	5	Fire Extinguisher	7890861919	
	Dk A Prasad High School		126	6	Fire Extinguisher	9883346566	
	Domdoma High School		970	22	Fire Extinguisher	8334997408	
	Dudhbeshali Junior High School		30	5	Fire Extinguisher	8420618513	
	Gangrai Junior High School Co Ed		52	4	Fire Extinguisher	9830092909	
	Jhanjra High School		1931	46	Fire Extinguisher	8017127874	
	Julpia Andharmanik High School Hs		2028	43	Fire Extinguisher	9830122717	
	Khalsamari High School		147	4	Fire Extinguisher	9093147741	
	Matangini Hazra Balika Vidyalaya		136	10	Fire Extinguisher	8017366437	
	Panakua Junior High School		81	5	Fire Extinguisher	9143279127	
	Panarala Junior High School Co Ed		71	5	Fire Extinguisher	9903450022	
	Raghabpur St Pauls High School		1215	31	Fire Extinguisher	8017064520	
	Rahmania High Madrasah		727	6	Fire Extinguisher	9433679582	
	Rashkhali Junior High School Co Ed		81	5	Fire Extinguisher	9831511314	
	Tapna Chaturbhuj High School		325	10	Fire Extinguisher	9230514131	
	Uchhekhali High School		345	5	Fire Extinguisher	7278679654	
	Uttar Kajirhat Junior High School		108	5	Yes	9073207961	
MATHURA PUR - 1	Batiswar Dr Sd Vidyapith		475	13	Fire Extinguisher	9433245696	
	Bhetkipur High School		360	17	Fire Extinguisher	9830739340	
	Datter Chak High School Hs		420	13	Fire Extinguisher	9432223860	
	Debipur Junior High School		63	4	Fire Extinguisher	9800704275	
	Kamarpota Rk Bidyamandir Hs		740	14	Fire Extinguisher	9564107947	
	Kank Pukur Jr High School		200	5	Fire Extinguisher	9733594450	
	Katandighi Jr High School		120	4	Fire Extinguisher	9836280820	
	Krishna Chandrapur Hs		3442	51	Fire Extinguisher	8001679368	
	Lalpur S Nagar High Madrasa		870	21	Fire Extinguisher	9732824362	
	Mathurapur Arya Vidyapith Hs		1578	33	Fire Extinguisher	9433288486	
	Mathurapur Balika Bidyalay		240	10	Fire Extinguisher	9477059753	
	Mirzapur Agri Inds High School		335	11	Fire Extinguisher	9734029562	
	Patunighata Girls Jr High Up		180	11	Fire Extinguisher	9831805632	
	Ranaghata High School H S		1335	15	Fire Extinguisher	9733516408	
	Basudevpur Jr High		60	2	Fire Extinguisher	9433948548	
	Bhagabanpur Jr High School		372	2	Fire Extinguisher	9433948548	
	Bhimnagar Jr High School		87	2	Fire Extinguisher	9775308122	
	Bohalberia Md Bn S Sadan		657	12	Fire Extinguisher	9733823901	
	Chowdhury Chak Jr High		294	2	Fire Extinguisher	9831932171	
	Dahakanda Sjh Madrasa Up		423	7	Fire Extinguisher	9734846891	
	Daudpur Vivekananda Vidyamandir		570	15	Fire Extinguisher	9475421881	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Ghoradal High School		1385	21	Fire Extinguisher	9836716885	
	Harindanga Kumudini High School Hs		562	12	Fire Extinguisher	9432889289	
	Imamaddipur Kr High School		778	11	Fire Extinguisher	9800587072	
	Jadavpur High School		835	18	Fire Extinguisher	9073475874	
	Janardanpur High School		284	9	Fire Extinguisher	9836608677	
	L N Pur Girls High School		77	4	Fire Extinguisher	9903484213	
	L N Pur Sitanath High School		847	18	Fire Extinguisher	9830838948	
	Lakshminarayanpur Adarsha High School		554	14	Fire Extinguisher	9933816487	
	Madarpara High Madrasah		1467	14	Fire Extinguisher	9732697187	
	Mathurapur High School		1168	26	Fire Extinguisher	9433833374	
	Mathurapur Sri Rkv Nari Siksha Mandir Hs		860	17	Fire Extinguisher	7797363060	
	Nutanchak Jr High School		49	4	Fire Extinguisher	9732880748	
	Patkelberia High School		165	7	Fire Extinguisher	9433468692	
MAGRAHA T - II	Alida Bagnar High School Hs		1700	41	Fire Extinguisher 3 Stair Case	9674080978	
	Bansundaria Sk High School		713	16	4 Fire Extinguisher	9836020356	
	Benipur High School Hs		1668	33+4	Fire Extinguisher For Mid-Day-Meal	9674634176	
	Chak P K K B Girls High School Hs		660	9	Fire Extinguisher Fitting Is Done & 2nd Emergency Exit	9874116898	
	Dhamua Balika Vidyalaya		894	4+30	3 Fire Extinguisher	9433888293	
	Hotar Adarsha High School		198	3+5	No	9051835237	
	Karamonuraj High School Hs		1690	3+30	Dry Powder Fire Extinguisher 3 Pics	8016878198	
	Maheshpur High School		2248	2+25	No	9830648686	
	Mohanpur K K G C Institution		2680	49	3 Fire Extinguisher	9051242522	
	Moukhali G G Vidyalaya Hs		2079	43	4 Fire Extinguisher	9433172735	
	Multi Peary Sreemanta Institution Hs		2260	31	4 Fire Extinguisher	9933797274	
	Radhanagar Bnm Institution		1440	2+34		9038593394	
BARUIPUR	Rana Belighata High School		900	16 TEACHER, 2 STAFF	Cc Camera, Night Gurd, Fire	9433101662	
	Kanthalberia Harihar High		1400	25	No	9007801009	
	Keyatala High		2400	47	No	9830479320	
	Kotalpur M.S High		1470	42	No	9433617150	
	Dhaphdapi High		2409	58	We Have Emergency Exit Facility In Our School But We Have Only 3 Fire Extinguisher Mechin	9874582881	
	Dumdum Vidyalaya			28	Yes	9432157628	
	Talattama Balika Vidyalaya			21	Yes	983041387	
	Durgapur K.C High		683	27	Yes	9836608325	
	Shikharbali High		125	4	Yes	9874528227/ 9477462290	
	Netaji Nagar Nivedita High		280	11	Yes	9830344948	
	Jayatala High		1800	23	Yes	9331993570/ 9831005352	
	Sitakundu Vidyayatan		1934	44	Yes	9733969501	
	Atghara K K Vidyapith Up		535	12	No	9831409296	
	Baje Makhhal Tala Jr High School		81	3	Fire Extinguisher In The Kitchen	9432863132	
	Baruipur Girls High School		1260	30	1 Fire Extinguisher	8697816696	
	Baruipur Jnanada Vidyapith		156	12	Cctv Camera	9830759683	
	Begampur Jp Institution Up		1111	21	3 Fire Extinguisher	9433171222	
	Belegachi 3rd		165	3	Fire Extinguisher		
	Champahati Girls High School		1724	34	29 Fire Extinguisher	9830074224	
	Champahati Nilmoni Kar Vidyalaya		1501	3+29	No	9836465584	
	Dhopagachi Jr High School		13	3	Fire Extinguisher	9477456032	
	Ghola Uchcha Vidyalaya		1968	22	2 Fire Extinguisher	9732549099/	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
						9163736157	
	Gobindapur Gyanada Debi Girls High School Hs		1300	27	No	9883092511	
	Gobindapur Ratneswar High School		1043	28	Fire Extinguisher For Mdm	9038906667	
	Jaykrishnanagar Jr High School		29	0	No	9836599637	
	Kantapur Jr High School		26	2	1 Fire Extinguisher	8583988580	
	Kholapota Jr High School		83	3	No	89020369644	
	Kulari Chayani Janapriya Vidyamandir		1881	31	No	9051809683	
	Madarat Popular Academy		2153	45	Fire Extinguisher	9836956848	
	Mallickpur Girls High School		2104	42	Fire Extinguisher	9433006942	
	Mallikpur Abdus Shokur High School		1393	38	Fire Extinguisher & Emergenct Exit	9432597780	
	Padmapukur Madhya Vidyalaya				No	9830161720	
	Purba Mallickpur Jr.High School		74	2	Yes	973540226	
	Tongtala Jr High School		34	1	Fire Extinguisher	9433034076	
	Uttarbhadg Colony Jr High School		171	1	No	9433948452	
THAKURPU KUR MAHESHT ALA	Akra Krishnanagar Balika Vidyalaya		1260	27	Nil	8981365395	
	Raspujia P K High School		1142	25	Yes	9609352949	
	Bratachari Vidyasram		1275	42	Yes	8617266433	
	Ashuti Netaji High School Hs		846	23	Fire Extinguisher	9903123899	
	Chack Chatta S B High School		556	20	Fire Extinguisher	8961728475	
	Chatta Kalikapur Subid Ali Girls High School		1750	24	Yes	8334855779	
	Chatta Subid Ali Institute		1278	30	No	9433923658	
	Jote Shibrampur Shiksha Niketan		713	20	Fire Extinguisher	9830344383	
	Kalagachia Kailash Kamini High School		440	13	3 Fire Extinguisher	9007061204	
	Siksha Bharati High School		44	4	3 Fire Extinguisher	9433013786	
	Sonamukhi Vivekananda High School		110	9	Fire Extinguisher	9831641726	
	Carmel High School For Girls		468	17	Fire 03 Extinguisher Installed At Own Cost Of The School. But Now Inactive	7003260673/ 8334025162	
JOYNAGAR - 1	Bantra Milan Junior High School		243	2	Yes	8013778284	
	Chak Panchghora Sitanath High School		1451	26	Yes	9733835411	
	Deyanganj A K High School Hs		1482	29	Yes	9830474358	
	Dhosa Chandaneswar N C High School Hs		3021	37	Yes	9007477158	
	Gocharan Girls High School		489	11	Yes	9836182588	
	Karabeg Charaghata S M S High School						
	Muktakeshi Gourmohan Das High School		1150	27	Yes	9903621092	
	Pakhirala Jr High School					9641126441	
	Santipur High School		672		Yes	8335019322	
	Sarberia Satadal Balika Vidyalaya Hs		1213	23	Yes	8768112863	
	Sg Mc Bidya Niketan J Hs Up		856	9	Yes	9836966084	
	Sinher Danri Kedarnath High School		700	19	Yes	9836745206	
	Sreekrishnanagar High School Hs		2100	28	Yes	9593265901	
	Tasarala Sarberia Sanatan High School Hs		1400	30	Yes	9432466958/ 9836075100	
	Tilpi Kh Madrasha Up		1897	15	Yes	8648820835	
KULPI	Aswathatala J S S High School		128	9	Fire Extinguisher	9474026102	
	Gazir Mahal G C High School		594	17	Fire Extinguisher	9836230859	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Harinkhola D A High School		327	26	Fire Extinguisher	8436064083	
	Jamtala High School		697	14	Fire Extinguisher	9732521827	
	Karanjali B K Institution		1519	35	Fire Extinguisher	9474128604	
	Karanjali Balika Vidyalaya		1048	12	Fire Extinguisher	9474155851	
	Keoratala Scm High School		1228	14	Fire Extinguisher	9733554657	
	Madan Mohanpur R C S V High School Hs		517	11	Fire Extinguisher	9732546128	
	Nischintapur Rd High School		1884	8	Fire Extinguisher	8926731118	
	Ramkrishanapur High School		1007	5	Fire Extinguisher	9563837715	
	Tentultala S G Vidyabithi H School		499	7	Fire Extinguisher	9734679616	
	Meyanapur Meherabia High Madrasah		344	10	Fire Extinguisher	9732439518	
	New Intigrated Govt School		113	14	Fire Extinguisher	9903008737	
	Jhawkhaliat High School		1193	20	Yes	8145012131	
	Kachuberia High School		2244	43	Yes	9732692271	
	Kulpi Kalika Vidyapith		659	3	Yes	9474661065	
	Jamberia Jr High School		21	3	Yes	9800575931	
	Bagaria Kalika Adarsha Vidyamandir		1105	20	Yes	9733703118	
	Barberia High School		488	14	Yes	9434977376	
	Daria High School		705	16	Yes	9474005537	
	Ramkishorepur Radhanagar H S		1032	25	Yes	9732911396	
	Rameswarup Bk High School		309	10	Yes	9475755869	
	Ramanandapur Panchanan Jr High School		6	1	Yes	9932248191	
	Kalarchak High School		964	18	Yes	9733652901	
	Gumuk Beria Brojo Mohan High School		287	9	Yes	9153100892	
	Udayrampur Janakalyan Vidyanketan		652	13	Yes	9734015377	
	Uttargazipur Junior High School		29	2	Yes	9734363763	
kultali	Jamtala Bhagaban Chandra High School.		3361	40	Water Source For Fire Fighting	9831740553	
	Kachiamara Hemchandra High School		2020	25	No	9732768229	
	Panchuakhali High School		2086	19	Yes	9732963157	
	Kaikhali Gopalganj Bkrm Institution.		2260	21	3 No Of Fire Extinguisher	9903003353	
	Purba Shyamnagar Vidyasagar High School		693	15	No	7797430794	
	Keorakhali Nakul Sahadeb High School.		1124	14	No	9732672215	
	Dongajora Ramanath High School.		1225	13	Nil	9933499760	
	Shankijahan High School.		588	4	No	9681143039	
	Balahrana Jr High School.		126	3	No	8017126728	
	Jalaberia Hemanta Kumar Jr High School		299	4	Yes	9734783866	
	Godabar Jr High School.		178	5	3 Extinguisher Only	9831609631	
	Pichhakhali Jr High School.		203	4	No	9735558830	
	Mondalerlat Bazar Jr High School.		322	1 Para	No	7872273785	
	Dighipar Gazirchak Jr High School		98	1 Guest Teacher	No	9933969810	
	Guffaria Jr High School		97	1 Guest Teacher	No	9775221797	
	Gopalgunj Girls Jr High School		30	1 Guest Teacher	No	7679202156	
	Jalaberia Girls Jr High School		30	1 Para Teacher	No	8906611689	
	Merigunj High Madrasah		1214	12	Fighting	9732870061	
MANDIRBA ZAR	Sutabecha Khagendra Nath High School		100	5	Yes	9434564289	
	Mandabtala Ramnathpur Jr H School		0	3	Yes	9734641622	
	Nilambarpur Jd Vidyamandir H School		875	11	Yes	9734524379	
	Tentiberia Jr High School		64	3	Yes	9674464716	
	Anchna Balika Vidyalaya		507	10	Yes	9800532709	

Block	School	Urban/ Rural	No. of Students	No. of Staffs	Equipments Available For Disaster Management	HM/TIC Contact No	Whether SDMC formed or not
	Anchna High School Hs		848	21	Yes	9432128786	
	Bidyadharpur Nabakumar Vidyamandir		785	20	Yes	9733094173	
	Bazarberia R K Siksha Sadan H School		712	15	Yes	9830591694	
	Bazarberiahat Jr High School		76	3	Yes	9002228504	
	Muldia C D Bidyamandir Hs		1400	19	Yes	9609333295	
	Kadipukur Naskar High School		418	9	Yes	8900087525	
	Panchnan High School		648	10	Yes	9735366717	
	Mandirbazar S Balika Vidyamandir		878	16	Yes	9647346029	
	Baje Sukdebpur High School		250	3	Yes	9874344933	
	Siddheswarpur C G Balika Vidyapith		53	12	Yes	9647346029	
	Sarifnagar Junior High School		88	2	Yes	9830784540	
	Dhanyaghata High School		220	4	Yes	8910990830	
	Dhanyaghata Adarsha Siksha Niketan		312	9	Yes	8967770290	
	Tekpanja High School		612	4	Yes	9433511440	
	Jhapberia High School Hs		2020	18	Yes	9732706252	
MAHESHT ALA MUNICIPALITY	Bangla Jatiya Shiksha Mandir Hs		348	25	No	9831844115	
	Batanagar High School		700	12	Fire Extinguisher	9733285660	
	Batanagar Sri Ramkrishna Ashram Vivekananda Vidyamandir Hs		846	22	Fire Extinguisher	9083487521/ 9434452624	
	Jagtala Surjya Kumar Balika Vidyalaya		339	12	1 Fire Extinguisher	9433801050/ 9038823960	
	Mahadevnagar High School		286	10	1 Fire Extinguisher	9239496812	
	Maheshtala Girls High School Hs		2205	41	Fire Extinguisher	9239016347	
	Maheshtala High School Hs		1883	35	Nil	9748324549	
	Sarengabad A R B Niketan Up		68	14	Fire Extinguisher	9475275221	

Note: First-Aid Already Arranged Every School Under South 24 Pargans

## Action Plan of P.H.E. Dept., South 24 PGS – 2023

### PREFACE

Natural unforeseen calamities, i.e. disaster like drought, nor'wester, cyclonic storm, flood are the common occurrences in the State of West Bengal every year. These kinds of disaster have always wider impact on human life, livestock, property and assets created by individual and state. Aftermath the disaster among the basic needs for survival, safe drinking water and emergency sanitation always figures on top of the priority list along with food and shelter. As Public Health Engineering Department/Directorate is mandated for supply of safe drinking water to the people of the State, during disaster it requires delivery of services on safe drinking water supply on war footing basis. Emergency sanitation is usually a common task and also delivered by PHE Dte aftermath the disaster. Every year PHED/Directorate keep prepared its Divisions, Sub-Divisions and Blocks level Offices/Officers and staffs for management and combating impacts of disaster. Public Health Engineering Department/Directorate every year prepares an action plan for management and combating of impacts of disaster and delivers required services effectively and smoothly to manage and mitigate the situation. The Action Plan outlines the objectives, institutional mechanism

at State and District level, preparedness, linked organisations, IEC & HRD activities , water quality monitoring etc.

A tentative estimate based on experiences of last few years is also prepared and produced in the action plan. The estimate encompasses all possible services usually delivered by PHE Dte, including mobilization of Mobile Treatment Units (MTUs) and supply of package water from its own unit; on such occurrences.

### **1.0 Introduction :**

The term “disaster” implies a natural unforeseen calamity which would have a wider impact on human life, livestock, property and assets created by individuals, organizations or state. “Safe drinking water” is one of the basic needs and without its availability in adequate quantity and safe quality, there could be serious impacts on human health and even on livestock and animals. Drought could lead to scarcity of water due to depletion of ground water table and / or drying up of surface water sources. It could also lead to failure / damage of pumps due to increased suction head. Disaster like flood, cyclonic storm, tsunami, earth quake, landslide etc could result in wash-off / damage of water supply assets created, thus resulting in disruption of supply of safe drinking water. Therefore in any type of disaster, proper management of drinking water supply to the affected people on an “immediate basis” is an essential requirement. Maintaining environmental sanitation and individual hygiene are also equally important to reduce / eliminate chances of disease prevalence and outbreak of epidemics.

The present plan is to address disaster caused by natural calamities.

### **2.0 Objectives :**

The main objective of Disaster Management Plan is to minimize loss of human lives, livestock, social and community assets etc due to natural disaster. The objectives may precisely be articulated as;

- i) To provide an efficient system for cooperation and collaboration with other Departments, Local Authorities, Agencies, NGOs and other organisations at State, District, Block Level.
- ii) Ensure preparedness, response and relief at all levels.
- iii) To ensure prompt and effective response to deliver the services during disasters, thereby to minimise casualties and enable quick recovery, restoration and rehabilitation of water supply.

### **3.0 Institutional mechanism of PHED:**

PHED is the nodal Department at State level for safe and quality drinking water supply service to the communities. The Department is responsible for providing management and technical services while responding to natural calamities for restoration of damaged water supply infrastructure and sanitation requirements, including meeting up emergency drinking water needs to the affected people caused by natural disaster.

To respond any disaster Institutional mechanism of PHE Dept. / Directorate are as below;

#### **3.1 State level:**

Principal Secretary, in-charge of the Department supported by Engineer-in-Chief and Chief Engineers of PHE Directorate.

**3.1.1 Control Room operating at Head Quarter Level:** Control Room headed by OSD (Superintending Engineer), Monitoring Cell and functions round the clock during the declared period of emergency.

#### **3.2 I.E.C. Activities:**

Planned, coordinated and implemented by WSSO of PHE Department during and after emergency period including regular post disaster awareness.

#### **3.3 Linkage to other organization :**

PHE Department / Directorate maintain active linkages with State UNICEF Office, WHO and other relevant organizations who extend all supports and management services available to them during and after the disaster.

### **3.4 Preparedness:**

As PHE Dept./ Directorate is the nodal Department/Directorate responsible for water supply to the community, the Department/Directorate keeps itself prepared to implement emergency support function relating to drinking water and to some extent on emergency sanitation requirements. The Department/Directorate keeps constant touch with Disaster Management Department and Chief Minister's designated disaster management group including detail reporting on services and supports extended, requirement of support and services from other Departments and linkage organizations.

Preparedness activity ensures following;

- a) Linkage with WSSO for framing technical guidelines and IEC & HRD planning for managing and combating disaster.
- b) In case of drought or like situation ground water table monitoring and necessary steps for crisis management.
- c) Ensure that minimum inventory of water supply and emergency sanitation materials and spare parts as may be required by Executive Engineers in an event of disaster and have a roster of RWS Staff to be deployed during the disaster.
- d) Ensure issue of alert notices to District and Block level Officers.
- e) Ensure specific attention to water users group.

### **4.0 Standard Operating Procedures (SOP):**

PHE Department / Directorate follows Standard Operating Procedures (SOP) of MDWS of GoI in terms of preparedness, preparation of Action Plan, management, coordination, implementation and monitoring of disaster mitigation activities for water supply and emergency sanitation.

### **5.0 District Level Institutional Mechanism:**

Usually, Executive Engineer of normal PHE Division of the District attends and reports District Disaster Management Authority (DDMA) preparedness meetings and post disaster meetings, as frequently as may be necessary. Executive Engineers also send daily reports to District Disaster Control Rooms and implement and monitor functions entrusted by DDMA, regularly reviews status of essential water supply and emergency sanitation services and procurement of essential supplies etc. Under the guidance of DDMA, Executive Engineer also monitors emergency response at the Block and Panchayet levels and impact thereon.

### **5.1 Preparedness:**

As Executive Engineer of PHE Dte is the District level Nodal Officer for coordinating emergency operation with respect to deliver of safe water supply and emergency sanitation services, he has to ensure that all Rural Water Supply System in the District works properly and in the event of disaster by carrying out timely repairs where necessary. For doing this Executive Engineer use to maintain proper inventory in terms of materials, spare parts and skilled human resources and those are as follows:

- 5.1.1** Proper inventory of materials, spare parts, bleaching powder etc both for PWSS and Spot sources.
- 5.1.2** Trained and skilled team for repairing and disinfection of PWSS and spot tube wells.
- 5.1.3** Proper action plan for repairing and re-sinking of tube wells, lowering of deep well pumps in drought, rising of platform in flood etc.
- 5.1.4** Action plan for new sinking of spot tube wells if and where necessary.
- 5.1.5** Maintain proper inventory of Mobile Water Treatment Units (MTUS) and Water Bottling Plants, including timely overhauling of the Units for keeping them in proper running condition.
- 5.1.6** Executive Engineers produce daily report on implementation of activities, assessment of impact etc and submits the same to State Level Control Room during disaster.



#### **6.0 Block Level Institutional Mechanism:**

Sub-Assistant Engineer - RWS, Mechanic and Helper posted at Block level function under the control of Executive Officer of Panchayet Samity. Team engaged for disinfection works, repairing, re-sinking, new sinking, lowering of deep well pumps, rising of platform etc for spot sources work under the guidance of Block Level SAE of PHE Dte with physical assistance by Mechanic and Helper. Block Level S.A.E. will also produce and submit daily performance report of service to Control Room operated by Executive Engineer of PHE Dte at District level.

#### **7.0 IEC & HRD activity on safe water and sanitation:**

WSSO is a dedicated unit under PHE Department which plans, organizes and implements IEC & HRD activities on safe water supply and sanitation including awareness generation among the communities. IEC & HRD is a routine activity of WSSO and carries out the same throughout the year at State, District and Block levels. In any natural disaster WSSO used to carry out IEC activity and awareness generation on safe water supply and sanitation. The programme usually implemented through distribution of leaflet, direct interaction with beneficiary groups/affected people, VDO and Poster shows, miking, publicity through electronic media, radio and printing media etc. WSSO always remain alert to generate awareness due to natural disaster whenever it occurs.

WSSO also engages NGOs and CBOs to deliver support services to PHE activities to the affected people.

#### **8.0 Water Quality Monitoring:**

In any natural disaster safe drinking water supply and emergency sanitation are most important activities for combating the impacts. Spread of communicable diseases are common at post disaster period and water quality monitoring and sanitation plays most crucial role for the prevention of spread of communicable diseases and to avoid occurrence of epidemic. As such PHE Department use to carry out comprehensive water quality monitoring through its 120 nos. laboratory network (18 nos. in South 24 Parganas District) and take appropriate measures where necessary for ensuring safe water supply to the affected people. Field Testing Kits (FTKs) will also be used for prompt water quality monitoring and in remote areas.

Water quality monitoring reports will be generated daily basis and placed to Block, District and State level Disaster Management Committees.

#### **9.0 Daily Reporting :**

In every disaster management daily reports are produced by PHE Divisions and reported to the District Level & State Level Committees and Disaster Management Department. Daily reports usually covers activities performed by concerned divisions including supply of water pouches, disinfection, repairing, re-sinking and new sinking of spot Tube Wells, construction of latrines, awareness campaign etc. The same modalities will be followed in future occurrence of disaster, if any.

In nutshell PHE Department / Directorate coordinate and monitor pre, during and post disaster affairs every year.

#### **10.0 Conclusion:**

PHE Department/Directorate looks after essential and emergency utility services like water supply to the community and all infrastructure including human resources are groomed to attend any sorts of emergency services in the field of water supply and emergency sanitation. Previous experience of PHED/Directorate to manage and combat any natural disaster proved highly efficient and effective and based on such strong foothold it could be assured that PHED/Directorate would deliver ameliorative service in any kind of disaster if occurs , though the same is unwanted.

## **A SCHEME FOR LEGAL SERVICES TO DISASTER VICTIMS THROUGH LEGAL SERVICES AUTHORITIES (NALSA & SALSA)**

### **1. Background**

Sub clause (e) of Section 12 Legal Services Authorities Act, 1987 makes the victims of disasters who are under circumstances of undeserved want as a result of such disaster eligible for free legal services to file or defend a case. But in a disaster of catastrophic nature whether it is natural or manmade, the victims are often taken unawares and are subjected to face the grim situation of loss of life, becoming homeless, destruction of property or damage to or degradation of environment and subject to human sufferings and damage beyond the coping capacity of the community of the affected area. Even though it is the duty of the Government and the Administration of the locality to come to the help of the victims of disasters, Legal Services Authorities by virtue of sub-clause (e) of Section 12 can play an effective role by coordinating the activities of the State Administration in the disaster management by way of strategic interventions in an integrated and sustainable manner, reducing the gravity of the crisis and to build a platform for early recovery and development. The Legal Services Authorities shall endeavour to help the victims and the administration for reducing risk and assisting them to adopt disaster mitigation policies and strategies, reducing the vulnerabilities of the geographical and social situation and strengthening their capacities for managing human made and natural disasters at all levels.

### **2. Objective**

The objective of the scheme is to provide legal services to the victims of disaster - both manmade and natural - who are under circumstances of undeserved want being victims of mass disaster, ethnic violence, caste atrocities, flood, drought, earth-quake or industrial disasters.

The intervention of Legal Services Authorities should be for coordinating the integrated, strategic and sustainable development measures taken by the Government and Disaster management Authorities for reducing the period of crises and for building a platform for early recovery and development. The thrust of the efforts for by the State Legal Services Authorities shall be for strengthening the capacity of the victims for managing the disaster at all levels and to coordinate with the Government departments and non-governmental organisations and also for providing legal aid to the victims.

### **3. Strategic Intervention by the District Legal Services Authorities.**

The strategy for intervention by the Legal Services Authorities for helping the victims of disasters shall be on the following lines:

1. Ensuring immediate help by Governmental and Non-Governmental Agencies to the victims.
2. Coordinating the activities of different departments of the Government and the NGOs for bringing immediate relief.
3. Supervising the distribution of relief materials.
4. Supervising the construction of temporary shelter or transporting the victims to a safer place.
5. Supervising the reunion of families.
6. Supervising the health care and sanitation of the victims and preventing the spread of epidemics.
7. Supervising the needs of women and children.

8. Ensuring the availability of food, medicine and safe drinking water.
9. Supervising the reconstruction of damaged dwelling houses.
10. Supervising the restoration of cattle and chattel.
11. Legal Awareness Programmes in the relief camps on the legal rights of the victims.
12. Organising Legal Aid Clinics in the affected areas for assisting in reconstruction of valuable documents.
13. Assisting the victims to get the benefits of the promises and assurances announced by the Government and Ministers.
14. Assisting in the rehabilitation, care and future education of orphaned children.
15. Taking steps for appropriate debt relief measures for the victims.
16. Assisting in the rehabilitation of the old and disabled who lost their supporting families.
17. Assisting in the problems relating to Insurance Policies.
18. Arranging Bank Loans for restarting the lost business and avocations.
19. Arranging for phyciatrist's help / counselling to the victims who are subjected to physiological shock and depression on account of the disaster.

#### **4. Machinery for Legal Services.**

The State Legal Services Authorities shall establish a Core group in all districts under the control of the District Legal Services Authorities to spring into action in the event of a disaster, whether manmade or natural. The Core group shall consist of a senior judicial officer, young lawyers including lady lawyers selected in consultation with the local bar association, Medical Doctors nominated by the local branch of the Indian Medical Association and the NGOs by accredited by the State Legal Services Authority. The Secretary of the District Legal Services Authority shall maintain a Register containing the Telephone numbers and the cell numbers of the members of the Core group.

#### **5. Ensuring immediate help by Governmental and Non-Governmental agencies to the victims.**

The nodal agency for responding to a disaster shall be the State and District Disaster Management Authorities set up under the Disaster Management Act, 2006. The State Legal Services Authority should immediately alert the District Legal Services Authority concerned who in turn shall get in touch with the Disaster Management Authority of the State and District and gather the details of the steps taken by the latter.

(a) The Core group set up the District Legal Services Authority shall immediately proceed to the area where the disaster has occurred and get involved in the work of relief.

(b) The District Legal Services Authority and the Core team shall coordinate the activities of the relief operations by involving themselves and without causing any hindrance to the smooth flow of the relief operations.

#### **6. Coordinating different departments of the government and the NGOs for brining immediate relief.**

The State Legal Services Authority at the apex level shall get in touch with the State Disaster Management Authority / Department to ensure that all the departments of the State Government including health, finance, social welfare and police are involved in the relief operations. The State Legal Services Authorities shall coordinate the implementation of the Plan of Action, if any, prepared by the Disaster Management Authorities.

(a) The State and District Legal Services Authorities shall obtain a copy of the disaster management plan, if any, prepared by the State Disaster Management Authority / District Disaster Management Authority.

(b) The State Legal Services Authority / District Legal Services Authority shall as far as practicable follow the aforesaid plan and, if necessary, make suggestions to the state administration or Disaster Management Authorities for improving the quality of relief operations.

#### **7. Supervising the distribution of relief materials.**

In the event of a disaster, the first and foremost step to be taken is to ensure that the victims are provided with adequate support to tide over their undeserved wants. This includes provision of food, safe drinking water and transferring the victims to safe shelters. The District Legal Services Authority in coordination with the Dist. Disaster Management Authority and line Departments shall supervise effective and timely supply of relief materials to the victims of the disaster.

#### **8. Supervising the construction of temporary shelters or transporting victims to safer place.**

District Legal Services Authority and the Core team shall supervise construction of temporary shelters and transportation of victims to such shelters to other safer places. Any lapses can be reported to the government officer incharge to ensure that the lapses are remedied immediately.

#### **9. Supervising the reunion of families.**

A disaster may result in sudden disruption of the cohesive unit of families. Members of the family are likely to get separated on account of the disaster or by reason of the rescue operations or on account of medial emergencies. Separation can occur due to loss of life also. The Core team shall visualise such probable traumatic situations in the families affected by the disaster and shall take necessary steps for consoling the victims and shall take earnest search for the missing members of the families.

#### **10. Supervising the health care of the victims and preventing the spread of epidemics.**

The District Legal Services Authority shall take prompt steps for coordinating with the District Medical Officer for ensuring that the victims of the disaster are given proper medical care. The injured victims shall be given prompt treatment.

(a) When a large number of affected persons are congregated in relief camps, adequate sanitation has to be ensured. Steps shall be taken to ensure that the public health authorities are performing cleaning and sanitation of the camps on a regular basis.

(b) The District Legal Services Authority shall ensure that adequate preventive measures are taken by the health authorities against outbreak of contagious and infectious diseases and water-borne diseases can occur in the relief camps.

(c) Right to health being a concomitant to the Right to Life guaranteed under Article 21 of the Constitution of India, the disaster victims are entitled to adequate health facilities and the Legal Services Authorities are dutybound to ensure the same through appropriate measures.

### **11. Supervising the needs of women and children.**

Women and children are beneficiaries of free legal aid under Section 12 of Legal Services Authorities Act. They are the most vulnerable group amongst the victims of any disaster. Safety of women and children in the camps and their valuables like ornaments and personal belongings are to be protected. The District Legal Services Authority shall ensure that the Police takes necessary steps for preventing theft and anti-social activities. Legal Services Authorities shall coordinate with the Police Officers to ensure the safety of women and children.

### **12. Ensuring the availability of food, safe drinking-water and medicine**

The need for food, safe drinking water and medicine are basic human needs and hence are attributes of the Right to life under Article 21 of the Constitution of India. Dist. Legal Services Authorities can therefore rightfully intervene and coordinate with the State Government, District Administration and Health Authorities to ensure the availability of food, safe drinking-water and medicine to the victims living in the shelters.

### **13. Supervising the reconstruction of damaged dwelling houses.**

Housing is one of the important problems faced by the victims of disasters. Partial or total damage may occur to houses in disasters like earthquake, flood and communal riots. Assurances given by the Ministers and Government officials ex-gratia payment and funds for reconstruction of damaged houses of the victims may go unfulfilled or forgotten due to passage of time. Efforts shall be taken by the Legal Services Authorities to ensure that such promises are fulfilled and the promised funds or other relief measures are disbursed to the victims without delay.

### **14. Supervising the restoration of cattles.**

Loss of cattle, chattel and household articles are concomitant with all mass disasters. Thieves, looters and anti-socials have a field day during riots and ethnic violence and also during the havocs like flood, drought, pestilence and earth-quake. The District Legal Services Authority in coordination with the Police or Armed Forces shall ensure that the valuables belonging to the victims are not looted or stolen houses. Similarly, steps shall be taken to protect livestocks and chattel also. The Legal Services Authorities shall coordinate with the animal-husbandry department of the government to save the livestock.

### **15. Legal Awareness Programmes in the relief camps on the legal rights of the victims.**

Once the victims are relieved from the immediate shock and impact of the disaster, the Legal Services Authority may chose a convenient time and place near the relief camps for imparting legal awareness to the victims. Women lawyers may be entrusted with the job of conducting informal legal awareness programme, mainly related to the rights of the disasters victims to avail of the relief measures from the authorities. The legal remedies available and the mode in which the benefits of the offers and schemes announced by the government are to be availed of also may be included as topics. Legal Awareness Programmes shall not be conducted in a ceremonial manner. The ambience of disaster and the mood of grief stricken victims should be fully taken in to account by the resource persons and the steps for legal awareness shall be taken in such a manner as to go

along with the measures for consolation and redressal of the grievances of the victims. Visits by women lawyers to the camps and homes of the victim will be desirable.

**16. Organising Legal Aid Clinics in the affected areas for assisting in the reconstruction of valuable documents.**

It is likely that the victims of disaster have lost their valuable documents like titled deeds, ration cards, identity cards, school and college certificates, certificate of date and birth, passport, driving licence etc. The District Legal Services Authority shall organise legal aid clinics in the affected areas and assist the victims to get duplicate certificate and documents by taking up the matter with the authorities' concerned. Arrangements for issuing Death Certificates of the deceased victims also shall be made.

**17. Taking care of the rehabilitation and the future care and education of the orphaned children.**

Orphaned children are the living monuments of disasters. Loss of childhood, paternal affection is likely to haunt them for the rest of their lives. At times, the orphaned children may get affected with psychiatric problems also. The Legal Services Authority shall seek the help of voluntary organisations large business houses and Corporates for the educational needs and accommodation of such children till they attain the age of maturity.

**18. Taking steps for appropriate debt relief measures for the victims.**

Rehabilitation of disaster victims will be a gigantic challenge for any administration. The adequate funds should be made available to the victims who lost everything in their life for rebuilding their avocation, buying agricultural implements and other implements required for their avocations in which they were engaged prior to the disaster. Victims belonging to fisherman community may require huge amounts for buying nets, boats and outboard engines. Such measures of rehabilitation may require the assistance of government departments concerned. The State Legal Services Authority shall coordinate with Public Sector Banks, Social Welfare Department and other departments concerned for helping the victims to re-start their avocations. In appropriate cases, provisions in the laws relating to debt relief shall be invoked.

**19. Rehabilitation of the old and disabled who lost their supporting families.**

Persons with disabilities as defined in Clause (e) of Section 2 of Disabilities (Equal Opportunity) Protection of Rights and Full Participation Act, 1995 are entitled to free legal aid under Section 12 of the Legal Services Authorities Act. Senior citizens are entitled to certain benefits under the provisions of Maintenance and Welfare of Parents and Senior Citizen Act. The senior citizens and disabled persons who lost their support on account of disasters shall be identified and appropriate legal aid shall be given to them.

**20. Problems relating to Insurance Policies.**

The Legal Services Authorities shall take up the insurance claims of the disaster victims with the Insurance Companies for settlement of such claims. Negotiations may be undertaken with the Insurance Company officials for a settlement favourable to the victims. In appropriate cases the service of Insurance Ombudsman also may be availed of.

**22. Arranging Bank Loans for restarting the lost business and avocations.**

The victims who suffered substantial loss of their business and implements used in their avocations shall be helped by adopting proper restorative measures. For this purpose, efforts shall be made to make available financial assistance of nationalised banks and other public sector financial institutions. The Dist. Legal Services Authorities shall persuade the officials of such financial institutions to raise to the occasion for helping the victims.

**23. Arranging for the services psychologists / psychiatrists help for counselling the victims suffering from psychological shock and depression on account of the disaster.**

Mental shock and the related psychiatric manifestations are usually seen associated with the traumatic effects of disasters on the victims and their family members. Sudden loss of human life and the horrifying experiences of the trauma of the disasters can result in mental shock and psychiatric problems not only to the victims but also to their family members. The District Legal Services Authority shall in coordination with the District Medical Officer make necessary arrangements for the services of psychiatrists and psychologists. The District Authority shall ensure the presence of the members of the Core group at the relief camps everyday till the victims are rehabilitated.

**24. District Legal Services Authority shall collect reports from the Core Group.**

District Legal Services Authority shall collect daily reports from the Core group working at the location of the disaster. Copies of such reports shall be sent to the State Legal Services Authority. The State Legal Services Authority shall consolidate the reports and send a comprehensive report to the National Legal Services Authority and copies thereof shall also be sent to the District Management Authorities of the State and District. Copies of the report shall be placed before the Patron-in-Chief of the State Authorities and also in the meeting of the State Authority. If any difficulty arises in giving effect to this Scheme, the State Legal Services Authority and District Legal Services Authority or the Core group may seek guidance from the Executive Chairman of the State Authority.



## Block wise Disaster Management Volunteers South 24 Parganas

NAME OF THE BLOCK	SL. No.	NAME OF DRMP VOLUNTEER	ADDRESS	CONTACT NO.
Budge Budge - I	1	Sukhen Adak	Nayachak, Chingripota	8017509355
Budge Budge - I	2	Supriya Das	Durgapur, Rajibpur	9143419517
Budge Budge - I	3	Sk. Oidul	Jaggatballabhpur, Rajibpur	9331899713
Budge Budge - I	4	Ajay Das	Jaggatballabhpur, Rajibpur	9231510418
Sagar	5	Dulal Das	Kirtankhali	9593017840
Sagar	6	Brajogopal Sahoo	Bamankhali	9564710840
Sagar	7	Dinesh Bhunia	Krishnanagar	8016367284
Sagar	8	Chandan Pradhan	Khasramkar	9932229238
Joynagar-I	9	Kamal Roy	Arunnagar	9732879858
Joynagar-I	10	Enamul Haque Laskar	Uttarpara	9332534686
Joynagar-I	11	Rafik Ali Gazi	Hasimpur	9932944761
Joynagar-I	12	Nur Alam Seikh	Dighirpar	9733666513
Kultali	13	Kanai Chandra Halder	Village+ P.O.- Jamtala	9883402658
Kultali	14	Timir Baran Mondal	Village- Bamunerchak , P.O.- 4 No Naskar Para	9647107462
Kultali	15	Balaram Halder	Village- Chandpur, P.O- Jalaberia	9001805799
Kultali	16	Ananta Naskar	Village- 11 No Jalaberia, P.O. Jamtalahat	9647381975
T/Mahestala	17	Kumarjit Mondal	Chakchatta Matri Sevak Samity	8017027602
T/Mahestala	18	Bimol Mali	Ganney Gangadharpur Subhash Sangha	9051133694
T/Mahestala	19	Ramdulal Naskar	Ganney Gangadharpur Surya Sangha	9874558834
T/Mahestala	20	Ramesh Naskar	Ganney Gangadharpur Mitravee Sangha Club	9804112425
Bhangore-li	21	Prodip Kr. Mukherjee		9733931222
Bhangore-li	22	Surajit Pal		8609746062
Bhangore-li	23	Sk Abdul Alim		9153115905
Bhangore-li	24	Sameresh Mandal		9749095859
D'harbour-I	25	Pratap Bhandari	Dakshin Parulia	9733927370
D'harbour-I	26	Tarun Kr. Jana	Netra	9232716427
D'harbour-I	27	Dipankar Sinha	Bhogpunja	9674133189
D'harbour-I	28	Buddhadeb Halder	Kamarpole	8927359210
Baruipur	29	Soumitra Mondal S/O, Sudhir (Trained)	Begampur	9681970376
Baruipur	30	Sudarshan Naskar,S/O, Nilratan (Trained)	Champahati	9143653114
Baruipur	31	Moumita Ghosh, D/O,Mangalmou (Trained)	Atghara	9051077392
Baruipur	32	Koushik Chanda .S/O, Saktipada (Fresh Untrained)	South Garia	9831973649
D'harbour-li	33	Biplab Mondal	Vill- Bagda, P.O. Chandnagar, P.S.- Diamond Harbour, Dist.- South 24 Parganas, Pin-	9732521952

NAME OF THE BLOCK	SL. No.	NAME OF DRMP VOLUNTEER	ADDRESS	CONTACT NO.
			743368.	
D'harbour-li	34	Chinmoy Mondal	-Do-	9681149380
D'harbour-li	35	Santu Ray	-Do-	9002560421
D'harbour-li	36	Rakesh Baidya	-Do-	8345835831
Mathurapur-li	37	Prasanta Bhuiya	Gillarchhat	9733864105
Mathurapur-li	38	Bikash Sardar	Khari	9093099373
Mathurapur-li	39	Sajadat Purkait	Radhakantapur	9749832294
Mathurapur-li	40	Sanat Purkait	Baradanagar	8016606774
Namkhana	41	Sk. Khosnobi	Budhakhali	8145535360
Namkhana	42	Salim Uddin Gayen	Budhakhali	8101120545
Namkhana	43	Anukul Tunga	Budhakhali	9647132777
Namkhana	44	Mohan Maiti	Budhakhali	9647125871
Patharpratima	45	Lakshman Sarkar	Dakshin Gangadharpur	9593548798
Patharpratima	46	Kaushik Sarkar	Dakshin Gangadharpur	9647371290
Patharpratima	47	Santanu Pradhan	Dakshin Gangadharpur	8967402043
Patharpratima	48	Miss Debrani Halder	Dakshin Roypur	8116183185
Kakdwip	49	Sk Abdus Samad	Madhusudanpur 64 Bari	9749029121
Kakdwip	50	Sasanka Baisya	Madhusudanpur	9734895036
Kakdwip	51	Dibakar Paik	Shibkalinagar	9733641430
Kakdwip	52	Sudhansu Kumar Parua	Shibkalinagar	7872024578
Falta	53	Sri Swarup Mallick	Shyamsundarpur	9831510105
Falta	54	Sri Sanjib Mallick	Shyamsundarpur	9732661417
Magrahat-I	55	Goutam Chakraborty	Balarampur	9903551389
Magrahat-I	56	Bhaskar Kayal	Balarampur	9836797967 9735888097
Magrahat-I	57	Pranab Saha	Bahirpuya	9231576815
Magrahat-I	58	Dibakar Halder	Chak Raypur	8017949206
Magrahat - li	59	Abul Basar Sk.	Magrahat West	9564022653
Magrahat - li	60	Sanjay Sardar	Magrahat West	8116343111
Magrahat - li	61	Faruk Ahmed	Magrahat West	9474466742
Magrahat - li	62	Monjuwara Khatun	Magrahat West	9932379072
Bishnupur-I	63	Ismail Sk	Balakhali	9674266479
Bishnupur-I	64	Amitava Naskar	Julpia	9903921220
Bishnupur-I	65	Tarak Karmakar	Julpia	9143669112
Bishnupur-I	66	Hirilal Bairagi	Pirkhali	9830913153
Canning-I	67	Jahanara Khan		9679046095
Canning-I	68	Sanjay Sardar		9733674273
Canning-I	69	Pritam Pramanik		9647309084
Canning-I	70	Goutam Sardar		9609350602
Canning-li	71	Giyasuddin Piyada		8629915075
Canning-li	72	Edris Ali Molla		8926511109
Canning-li	73	Jahangir Laskar		8981643416
Canning-li	74	Abdul Halim Molla		9733800203
Canning-li	75	Sabir Hossain Molla		9153861097
Canning-li	76	Ranjit Bairagi Munda		9153335990
Canning-li	77	Giasuddin Molla		8641050534
Canning-li	78	Abdur Raham Sardar		9734676663
Canning-li	79	Harun Al Rasid Dhali		8372872232
Canning-li	80	Jasimuddin Shaikh		9775519151
Canning-li	81	Mosabbar Gazi		7797375120
Basanti	82	Nawser Molla		9733569140
Basanti	83	Md. Hayder Ali Molla		9732773006
Basanti	84	Rabiul Haque Sardar		9093236807
Basanti	85	Debasis Purkait		9732738995

NAME OF THE BLOCK	SL. No.	NAME OF DRMP VOLUNTEER	ADDRESS	CONTACT NO.
Gosaba	86	Utpal Mondal		9735558430
Gosaba	87	Surajit Kumar Pal		9093733764
Gosaba	88	Pulak Debnath		9733909756
Gosaba	89	Priyabrata Nath		9732459343

### Seasonality of Hazard

Type of Hazards	Jan-Mar				April-June				July-Sep				Oct-Dec			
	H	C	A	I	H	C	A	I	H	C	A	I	H	C	A	I
Cyclone					Yes	Yes	Yes						Yes	Yes		
Flood									Yes	Yes	Yes		Yes	Yes	Yes	
Drought						Yes										
Earthquake	Yes		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes
Sunstroke																
Fire	Yes		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes	Yes		Yes	Yes
Chemical Accidents	Yes		Yes		Yes		Yes		Yes		Yes		Yes		Yes	
Boat capsize	Yes								Yes				Yes			
Epidemic																
Accident	Yes				Yes				Yes				Yes			
Lightening									Yes		Yes					

H: Human, C: Crop, A: Animals, I: Infrastructure

**Emergency Contingency Plan: South**  
**24 Parganas District:**

<b>Emergency Contingency Plan</b>									
Sl. No.	Name of the Block	No. of population as per 2001 Census	Present Population (Col. 3+ 20%)	Amount of food Materials (in KG) per Day					
				Chida (@ 200 gms./Head)	Gur (@ 50 gms /Head)	Rice (@ 250 gms / Head)	Dal (@ 25 gms/ Head)	Salt (10 gms/ Head)	K.Oil (50ml /head)
1	Thakurpukur Mahestala	136903	32856	65.712Q	16.428Q	82.14	8.214	3.28	16.428
2	Budge - Budge -I	99945	23986	47.972 Q	11.993Q	59.96	5.99	2.34	11.993
3	Budge - Budge -II	173446	41627	83.254Q	20.8135Q	104.06	10.406	4.16	20.813
4	Bishnupur-I	206370	49528	99.056Q	24.764Q	123.82	12.38	4.95	24.764
5	Bishnupur-II	190636	45752	91.504Q	22.876Q	114.38	11.43	4.57	22.876
6	Baruipur	351439	147604	295.208Q	73.802Q	369.01	36.9	14.76	73.802
7	Sonarpur	167408	50225	100.45Q	25.1125Q	125.56	12.55	5.02	25.112
8	Joynagar -I	219090	78872	157.744Q	39.436Q	197.18	19.718	7.88	39.436
9	Joynagar -II	209145	75292	150.584Q	37.646Q	188.23	18.82	7.52	37.646
10	Bhangore - I	204380	73576	147.152Q	36.788Q	183.94	18.39	7.35	36.788
11	Bhangore - II	207580	74728	149.456Q	38.364Q	186.820	18.682	7.73	37.364
12	Kultali	187989	146630	293.260Q	73.315Q	366.57	36.657	14.663	73.315
13	Gosaba	222822	167386	534.772Q	133.693Q	668.465	66.846	26.73	133.693
14	Basanti	278592	234310	668.62Q	167.155Q	835.77	83.577	33.43	167.155
15	Canning - I	244627	190808	381.616Q	95.404Q	477.02	47.702	19.080	95.404
16	Canning - II	195967	152858	305.716Q	76.429Q	382.14	38.214	15.28	76.429
17	Kakdwip	239326	187191	574.382Q	143.595Q	717.97	71.797	28.719	143.595
18	Namkhana	160627	132752	385.504Q	96.37600Q	481.82	48.182	19.27	96.376
19	Sagar	185644	162772	445.544Q	111.386Q	556.93	55.693	22.27	111.386
20	Patharpratima	288394	246072	692.144Q	173.036Q	865.18	86.518	34.667	173.036
21	Diamond Harbour - I	133366	800195	160.039Q	40.007Q	200.07	20.00	8.02	40.007
22	Diamond Harbour - II	165233	99139	198.27Q	99.135Q	495.6	49.56	19.8	99.135
23	Mathurapur - I	164650	118548	237.096Q	118.54Q	592.7	59.27	23.7	118.54
24	Mathurapur - II	198281	142762	285.52Q	142.76Q	713.8	71.38	28.55	142.76
25	Magrahat - I	228335	150701	301.40Q	150.70Q	753.5	75.35	30.14	150.70
26	Magrahat - II	262092	172980	345.96Q	172.98Q	864.9	86.49	34.59	172.98
27	Mandir Bazar	183131	130866	241.73Q	120.865Q	604.3	60.43	24.17	120.865
28	Kulpi	242752	233041	466.082Q	233.04Q	1165.0	116.50	46.6	233.04
29	Falta	221695	159620	319.240Q	159.62Q	798.2	79.82	31.92	159.62

## Risk Assessment

Type of Hazards	Time of Occurrence	Potential Impact	Degree of Vulnerability
1. Cyclone	April,May,Oct.,Nov	1. Damage of houses (Fully / Partly)	1. Gosaba (Severe)
		2. Washing out of embankments.	2. Basanti (do)
		3. Damage of Seasonal Crops .	3. Kakdwip (do)
		4. Uprooting of big trees.	4. Namkhana (do)
		5. Impact on livelihood	5. Sagar (do)
		6. Causes death or injury to human	6. Patharpratima (do)
			7. Kultali (do)
			8. Kulpi (do)
			9. Jaynagar-II (Moderate)
			10. Canning –I (do)
			11.Mathurapur-II (do)
			12.Budge-Budge-I(Mild)
			13. Diamand Harbour-I (do)
			14. Diamand Harbour-II(do)
2. Flood	Sept,Oct.	1. Damages houses (Fully / Partly)	1. Gosaba (Severe)
		2. Washing out embankments.	2. Basanti (do)
		3. Damage of Seasonal crops (Specially Aman Paddy)	3. Kakdwip (do)
		4. Spread out of epidemic	4. Namkhana (do)
		5. Affects livelihood	5. Sagar (do)
		6. Problem of drinking water	6. Patharpratima (do)
		7.Health hazards	7. Kultali (do)
		8. Problem of fodder	8. Kulpi (Moderate)
		9. Possibilities of Snake bites	9. Jaynagar-II (do)
		10. Possibilities of anti-social activities	10. Canning –I (do)
			11.Mathurapur-II (do)
			12. Diamand Harbour-II(do)
			13. Diamand Harbour-I (do)
3. Drought	Jun,July	1. Affects Seasonal crops and next crop pattern	1. Gosaba
		2. Problem of drinking water due to fall of ground water level.	2. Sonarpur
		3. Problem of irrigation	3. Magrahat-I
		4. Affects livelihood	4. Mathurapur-I
		5. Possibilities of epidemic	5. Kakdwip
			6. Baruipur
			7. Basanti
			8. Bishnupur-II
			9. Canning-II
			10. Patharpratima
4. Earthquake	Throughout the Year	1. Collapse buildings	29 Blocks of

		2. Causes death to human and cattle life. 3. Affected livelihood 4. Damages communication system 5. Wounded human beings & Cattle several. 6. Lack of food and drinking water 7. Loss of property 8. Law and order problem.	District.
<b>5. Fire</b>	Throughout the Year	1. Causes death to human and cattle life. 2. Loss of property.	29 Blocks of District.
<b>6. Chemical Accident</b>	Throughout the Year	1. Causes death to human and cattle life. 2. Loss of property. 3. Pollution of environment largely.	1. Budge-Budge-I 2. Budge-Budge-II 3. T.Maheshtala 4. Bishnupur-I 5. Bishnupur-II 6. Baruipur 7. Sonarpur 8. Magrahat-II 9. Bhangore 10. Falta 11. Diamond Harbour-I 12. Kakdwip
<b>7. Boat Capsize</b>	Jan, Feb, July, Aug, Sept, Oct.	1. Causes death to human life.	1. Gosaba 2. Basanti 3. Canning-I 4. Kakdwip 5. Namkhana 6. Sagar 7. Patharpratima 8. Kultali 9. Diamond Harbour-i 10. Diamond Harbour-ii 11. Falta 12. Budge-Budge-i 13. Budge-Budge-ii 14. Mathurapur-ii
<b>8. Epidemic</b>	Oct, Nov	1. Cause death to human and cattle life. 2. Health Hazard 3. Affected livelihood	29 Blocks of District.
<b>9. Accident</b>	Throughout the Year	1. Cause death to human life. 2. Low and Order problem.	29 Blocks of District.
<b>10. Lightening</b>	July, Aug, Sept, Oct.	1. Cause death to human and cattle life.	29 Blocks of District.

# Vulnerability Analysis

## Infrastructure Vulnerability against Hazards

Vulnerability	Vulnerability against each hazard							
	Cyclone		Flood		Chemical hazard		Fire	
	Population	Area name	Population	Area name	Population	Area name	Population	Area name
Road network	35,40,338	Gosaba	1,46,512	Gosaba	8,96,309	Budge-Budge-I	69,066	Gosaba
		Basanti		Basanti		Budge-Budge-II		Basanti
		Canning-I		Canning-I		Thakurpukur Mahestala		Canning-I
		Namkhana		Namkhana		Bishnupur-I		Namkhana
		Kakdwip		Kakdwip		Bishnupur-II		Kakdwip
		Sagar		Sagar		Baruipur		Sagar
		Patharpratima		Patharprotima		Sonarpur		Patharpratima
		Kulpi		Kulpi		Magrahat-II		Kulpi
		Kultali		Kultali		Bhangore-i		Kultali
		Diamond Harbour-i		Diamond Harbour-i				Diamond Harbour-i
		Diamond Harbour-ii		Diamond Harbour-ii				Diamond Harbour-ii
		Mathurapur-ii		Mathurapur-ii				Mathurapur-ii
		Joynagar-ii		Joynagar-ii				Joynagar-ii
		Budge-Budge-ii		Budge-Budge-ii				Budge-Budge-ii
		Magrahat-i						Magrahat-i
		Magrahat-ii						Magrahat-ii
		Mandirbazar						Mandirbazar
		Falta						Falta
		Budge-Budge-i						Budge-Budge-i
		Mathurapur-i						Mathurapur-i
		Joynagar-i						Joynagar-i
		Baruipur						Baruipur
		Bishnupur-i						Bishnupur-i
		Bishnupur-ii						Bishnupur-ii
		Canning-ii						Canning-ii
								Bhangore-i
			Bhangore-ii					
			Sonarpur					
			Thakurpukur Mahestala					
Water ways	14,65,122	Gosaba	21,09,775	Gosaba	Not applicable	Not applicable	Not applicable	
		Basanti		Basanti				
		Canning-i		Canning-i				
		Namkhana		Namkhana				
		Kakdwip		Kakdwip				
		Sagar		Sagar				
		Patharpratima		Patharprotima				
		Kulpi		Kulpi				
		Kultali		Kultali				
		Diamond Harbour-i		Diamond Harbour-i				



		Diamond Harbour-ii		Diamond Harbour-ii				
		Mathurapur-ii		Mathurapur-ii				
		Joynagar-ii		Joynagar-ii				
		Budge-Budge-ii		Budge-Budge-ii				
<b>Water supply</b>	<b>2,63,721</b>	Gosaba	<b>4,39,536</b>	Gosaba	<b>1,07,557</b>	Budge-Budge-i	<b>Less impact</b>	
		Basanti		Basanti		Budge-Budge-ii		
		Canning-i		Canning-i		Thakurpukur Mahestala		
		Namkhana		Namkhana		Bishnupur-i		
		Kakdwip		Kakdwip		Bishnupur-ii		
		Sagar		Sagar		Baruipur		
		Patharprotima		Patharprotima		Sonarpur		
		Kulpi		Kulpi		Magrahat-ii		
		Kultali		Kultali		Bhangore-i		
		Diamond Harbour-i		Diamond Harbour-i				
		Diamond Harbour-ii		Diamond Harbour-ii				
		Mathurapur-ii		Mathurapur-ii				
		Joynagar-ii		Joynagar-ii				
		Budge-Budge-ii		Budge-Budge-ii				
		<b>Sewage</b>		<b>10,83,688</b>		Gosaba		<b>3,51,629</b>
Basanti	Basanti							
Namkhana	Canning-i							
Kakdwip	Namkhana							
Sagar	Kakdwip							
Patharprotima	Sagar							
Kulpi	Patharprotima							
Kultali	Kulpi							
	Kultali							
	Diamond Harbour-i							
	Diamond Harbour-ii							
	Mathurapur-ii							
	Joynagar-ii							
	Budge-Budge-ii							
<b>Hospital</b>	<b>15,23,726</b>		Gosaba		<b>19,04,658</b>	Gosaba	<b>2,68,892</b>	
		Basanti	Basanti	Budge-Budge-ii		Basanti		
		Canning-i	Canning-i	Thakurpukur Mahestala		Canning-i		
		Namkhana	Namkhana	Bishnupur-i		Namkhana		
		Kakdwip	Kakdwip	Bishnupur-ii		Kakdwip		
		Sagar	Sagar	Baruipur		Sagar		
		Patharprotima	Patharprotima	Sonarpur		Patharpratima		
		Kulpi	Kulpi	Magrahat-ii		Kulpi		
		Kultali	Kultali	Bhangore-i		Kultali		
		Diamond Harbour-i	Diamond Harbour-i			Diamond Harbour-i		
		Diamond Harbour-ii	Diamond Harbour-ii			Diamond Harbour-ii		
		Mathurapur-ii	Mathurapur-ii			Mathurapur-ii		
		Joynagar-ii	Joynagar-ii			Joynagar-ii		
		Budge-Budge-ii	Budge-Budge-ii			Budge-Budge-ii		
						Magrahat-i		
			Magrahat-ii					

							Mandirbaz ar
							Falta
							Budge-Budge-i
							Mathurapur-i
							Joynagar-i
							Baruipur
							Bishnupur-i
							Bishnupur-ii
							Canning-ii
							Bhangore-i
							Bhangore-ii
							Sonarpur
							Thakurpukur
							Mahestala
<b>Food Stock &amp; supplies</b>	<b>8,79,073</b>	Gosaba	<b>20,51,170</b>	Gosaba	<b>Not applicable</b>		<b>Not applicable</b>
		Basanti		Basanti			
		Canning-i		Canning-i			
		Namkhana		Namkhana			
		Kakdwip		Kakdwip			
		Sagar		Sagar			
		Patharprotima		Patharprotima			
		Kulpi		Kulpi			
		Kultali		Kultali			
		Diamond Harbour-i		Diamond Harbour-i			
		Diamond Harbour-ii		Diamond Harbour-ii			
		Mathurapur-ii		Mathurapur-ii			
		Joynagar-ii		Joynagar-ii			
		Budge-Budge-ii		Budge-Budge-ii			
<b>Communciation (System)</b>	<b>23,44,195</b>	Gosaba	<b>10,25,585</b>	Gosaba	<b>Not applicable</b>		<b>Less impact</b>
		Basanti		Basanti			
		Canning-i		Canning-i			
		Namkhana		Namkhana			
		Kakdwip		Kakdwip			
		Sagar		Sagar			
		Patharpratima		Patharprotima			
		Kulpi		Kulpi			
		Kultali		Kultali			
		Diamond Harbour-i		Diamond Harbour-i			
		Diamond Harbour-ii		Diamond Harbour-ii			
		Mathurapur-ii		Mathurapur-ii			
		Joynagar-ii		Joynagar-ii			
		Budge-Budge-ii		Budge-Budge-ii			

		Magrahat-i					
		Magrahat-ii					
		Mandirbazar					
		Falta					
		Budge-Budge-i					
		Mathurapur-i					
		Joynagar-i					
		Baruipur					
		Bishnupur-i					
		Bishnupur-ii					
		Canning-ii					
<b>Embankments</b>	<b>1,75,814</b>	Gosaba	<b>24,90,707</b>	Gosaba	<b>Not applicable</b>		<b>Not applicable</b>
		Basanti		Basanti			
		Canning-i		Canning-i			
		Namkhana		Namkhana			
		Kakdwip		Kakdwip			
		Sagar		Sagar			
		Patharprotima		Patharprotima			
		Kulpi		Kulpi			
		Kultali		Kultali			
		Diamond Harbour-i		Diamond Harbour-i			
		Diamond Harbour-ii		Diamond Harbour-ii			
		Mathurapur-ii		Mathurapur-ii			
		Joynagar-ii		Joynagar-ii			
		Budge-Budge-ii		Budge-Budge-ii			
		Basanti		Basanti			
		Canning-i		Canning-i			
		Namkhana		Namkhana			
		Kakdwip		Kakdwip			
		Sagar		Sagar			
		Patharprotima		Patharprotima			
		Kulpi		Kulpi			
		Kultali		Kultali			

## Mainstreaming Disaster Risk Reduction into Developmental Process

### Concept of Mainstreaming:

Disaster impacts considerably all the sectors of development and thus results in a serious social and economic setback to the development. On the other hand, the process of development, and the kind of development choices made in many areas, sometimes creates disaster risks. The intricate relationship between disaster and development is outlined in the following Table.

	<b>Economic Development</b>	<b>Social Development</b>
Disaster limits development	Destruction of fixed assets. Loss of production capacity, market access or material inputs. Damage to transport, Communications or energy infrastructure. Erosion of livelihoods, savings and physical capital.	Destruction of health or education infrastructure and personnel. Death, disablement or migration of key social actors leading to an erosion of social capital.
Development causes disaster risk	Unsustainable development practices that create wealth for some at the expense of unsafe working or living conditions for others or degrade the environment.	Development paths generating cultural norms that promote social isolation or political exclusion
Development reduces disaster risk	Access to adequate drinking water, food, waste management and a secure dwelling increases people's resiliency. Trade and technology can reduce poverty. Investing in financial mechanisms and social security can cushion against vulnerability.	Building community cohesion, Recognizing excluded individuals or social groups (such as women), and providing opportunities for greater involvement in decision-making, enhanced educational and health capacity increases resiliency.

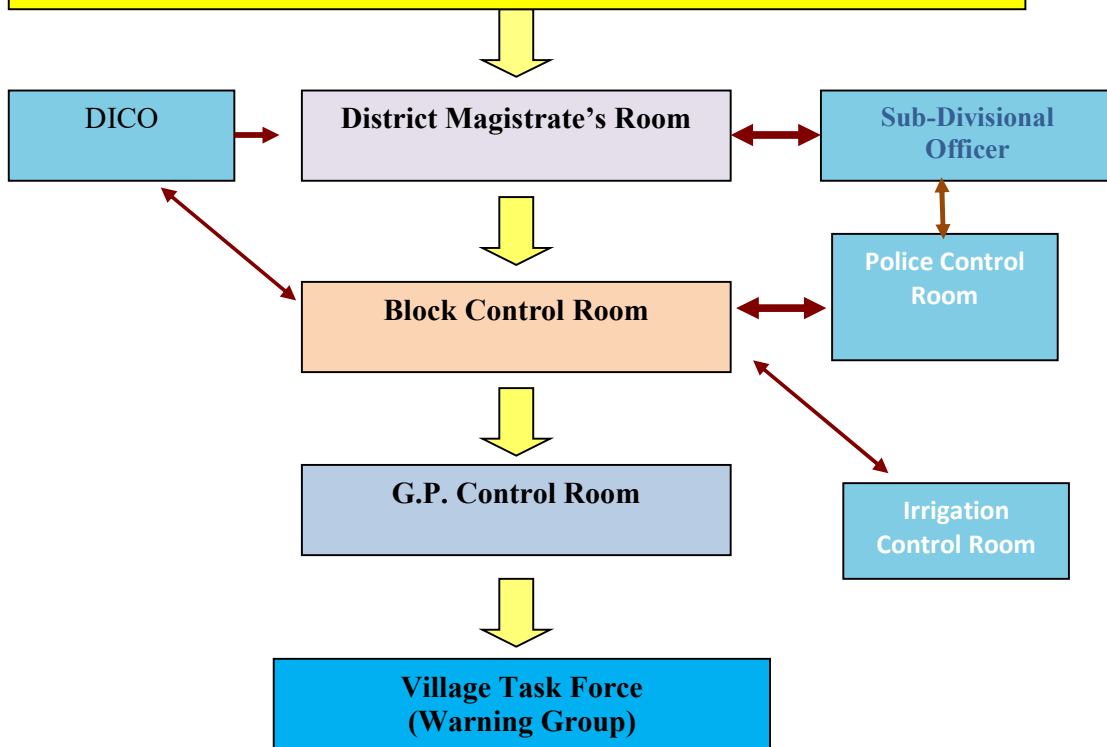
Further, mainstreaming is a cross-cutting issue which requires political commitment, public understanding, scientific knowledge and know-how, responsible risk sensitive development planning and practice, a people-centred early warning system and disaster response mechanisms. In addition, safeguarding human rights and integrating gender concerns are central to achieving mainstreaming concepts at the local level.

# General overview & framework for Pre, during and post disaster Activities

Crisis Response Structure of the Sub-division.

## Early Warning Dissemination and Response Plan

### Early Warning Dissemination System (Warning Group)



Department	Response System			
	Preparedness	Pre (after Warning)	During Disaster	Post Disaster
Sub-division	Preparation of Block Disaster Management Plan.	Open a Control Room at Block level of Gram Panchayat level (round the clock)	Evacuate the affected people to the rescue shelter.	Assess the house infrastructure and Property damage Inform the higher authority regarding rehabilitation of the affected people.
	Preparation of Gram Panchayat D M Plan.	Disseminate the information to the Gram Panchayat level.	Supply food-grains and drinking water, match box, candle to the affected people.	Aware the affected village regarding health hazards during post disaster period.
	Preparation of Village Disaster Management Plan.	Check the building which will be used as rescue Shelters.	Set-up temporary shelters and latrine.	To start Food for work Scheme for affected people of the villages for normal livelihood.
	Identification of the rescue Shelters	Check the source of drinking water.	Communicate the higher authority regarding the current situation.	
	Identification of the drinking water sources.	Inform the Storage agents to supply food grains (if required).		
	Formation of G.P.D.M.T and different Rescue & Evacuation teams at village level.	Collect the materials for setting-up the temporary shelters and latrine (if situation needs).		Setting up of temporary shelters with latrine
	Aware the people regarding the Risk of the disaster and mitigation method.	Alert the Line Department at Gram Panchayat level related to rescue operation.		
	Distribution of leaflets on Do's & Don't's during pre on and post disaster period.	Alert the Volunteers of Village Disaster Management Team through P.R.Is/ NGOs to tackle the odds and aware the villagers regarding the ensuing disaster.		
Police	Aware the local people regarding law and order situation during pre on and post disaster period.	Alert the local people through mobile address system.	Help the village rescue team to evacuate the affected people.	Help the local authority to assess the damage at affected locality.
		Keep watch on the law and order situation.	Maintain law and order situation.	Help in distribution of H.B grants and other grants.
			Take necessary steps against hoarding of essential	

			Commodities.	
			Controlling Price rise.	
Revenue				
Health	Aware the people regarding health hazards Pre on and Post disaster period.	Stock essential medicines at rescue points.	Team wise work at different rescue shelter within the affected area to reach timely treatment for the injured and the ill.	Aware the affected people regarding post disaster diseases.
		Inform all Staffs who are engaged in different affected areas.	To remain alert for conducting health camps when needed	To remain alert and swing into action in case any epidemic strikes.
		Alert the people regarding the diseases during on and post disaster period.		
Irrigation	Construct new embankments or repair and strengthen old embankments.	Open a Control room to watch the embankments.	Repair the damaged embankment as early as possible to avoid the loss of lives and property.	Assess the loss and get ready for next period. Identify mitigation measures and implement them.
RD & R&B				
RWS&S				
AH Dep.				
Electric				
Agril.				
NGOs				

**i) STANDARD OPERATING PROCEDURE FOR DISTRICT CONTROL ROOM**

**ii) Operational Timing:**

**Officer in charge of the District DMIC**

Operational Timing : JUNE to DECEMBER Every Year		
Normal	Warning	Post
10 am to 7 pm.	24 hours.	24 hours for three days before back to normal from 10 am to 7 pm.

**iii) DMIC Operation**

Operational Timing			Personnel Deployment			Name of the record	Equipments
Normal	Warning	Post	Designation	Department	Time		
10 am to 7 pm.	24 hours.	24 hours for three days before normalcy.	District Disaster Management Officer	District Disaster Management Department	As mentioned.	-----	All at Emergency Operation Centre.



iv) Personnel Deployment in DMIC:

Days	7AM TO 10AM (Day Office) 10 PM TO 5PM (Morning Office)	5 PM TO 10 PM	10 PM TO 7AM
MONDAY			
TUESDAY			
WEDNESDAY			
THURSDAY			
FRIDAY			
SATURDAY			
SUNDAY			

**MESSAGE TO PUBLIC OVER ALL INDIA RADIO SHOULD BE SPECIFIC.**

1. **REGULAR CONTACT** at intervals with R.D.C, S.R.C., WBSDMA, IMD, Home Secretary, Revenue Secretary, PS/ Secretary/ Addl. Secretary to Chief Minister, Chief Secretary and Health Secretary.
2. Written orders shall be issued for identifying places for **starting free kitchens** for atleast 3 days.
3. Check up <http://www.npmoc.navy.mil/jtwc.html> and [www.imd.ernet.in](http://www.imd.ernet.in) and other web sites.
4. Keep **spare copies of district maps**. Jurisdiction maps of all irrigation divisions shall be kept ready in good numbers.
5. Place requisition with S.P/WBSDMA for supply of temporary VHF sets for CDMO, CDVO, Sub-Collectors, SE-Irrigation, DEO & neighbouring BDOs/ Tahasildars.
6. Contact **Flood Cell**, CWC and Meteorology Bhubaneswar.
7. Requisition all **IB/ Rest sheds**.
8. **Requisition** School/ College for Army/ Police forces.
9. Direct all **field officers to hire generators** and keep sufficient oil for running them.
10. Direct all police stations to keep **spare batteries for VHF**.
11. Looking at the onset of emergency and after making quick preparations, **convene Emergency meeting** of important official and non-official agencies. Give them clear instructions on the above manner.
12. Make a **Duty Roster** of Important Officials for uninterrupted functioning of DCR & immediate implementation of the Relief/Rescue Programme.

**PROFORMA FOR "IN" MESSAGE REGISTER**

Sl.No	Date	Time of receipt	In Message Sr.No.	Received From	Address to	Message Transferred to	Copies to	Mode (WL/ Tel/Message) of receipt	Instruction/follow-up to be done
01.									

**PROFORMA FOR "OUT" MESSAGE REGISTER**

Sl. No.	Date	Time of Dispatch	Out Message No.	Related in Message	Address	Address	Copies	Mode (WL / )	Instruction/
01.									

**Records and Equipments of District Control Room (BCR):**

Name of the Record	Equipments	Govt./ Private

**Activities of Sub-division Control Room:**

- Normal Time:
- Activities after Receiving Warning
- Activities Post disaster

**COMMUNICATION & MEDIA**

The following tabular form insures media involvement at different hierarchy of administration.

- ❖ District level - ADM (Emgy)→DIPRO→OIC, DCR
- Sub-Div. Level- Sub-Collector→ Emergency Officer→SDIPRO

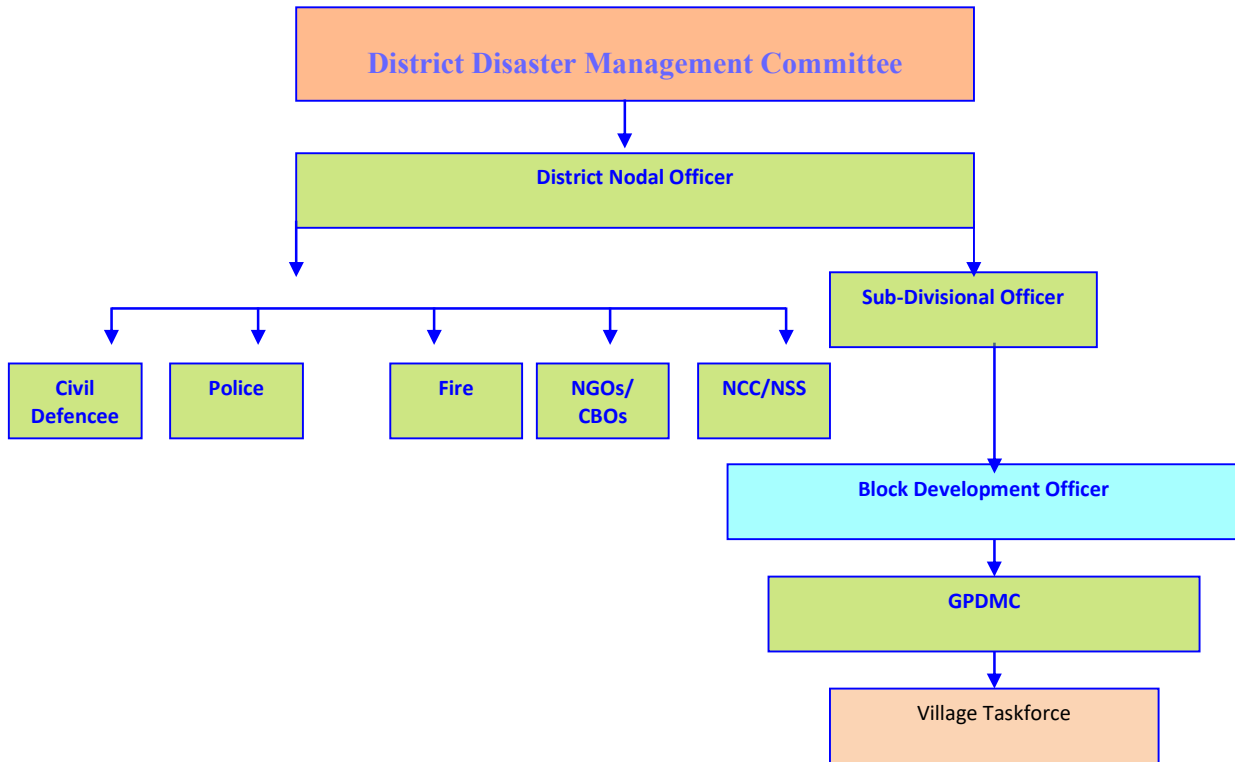
**IDENTIFIED LOCATIONS FOR INSTALLATION OF VHF**

Sl.No	Location for Installation of VHF Systems
1.	
2.	

**Check List for DMIC:**

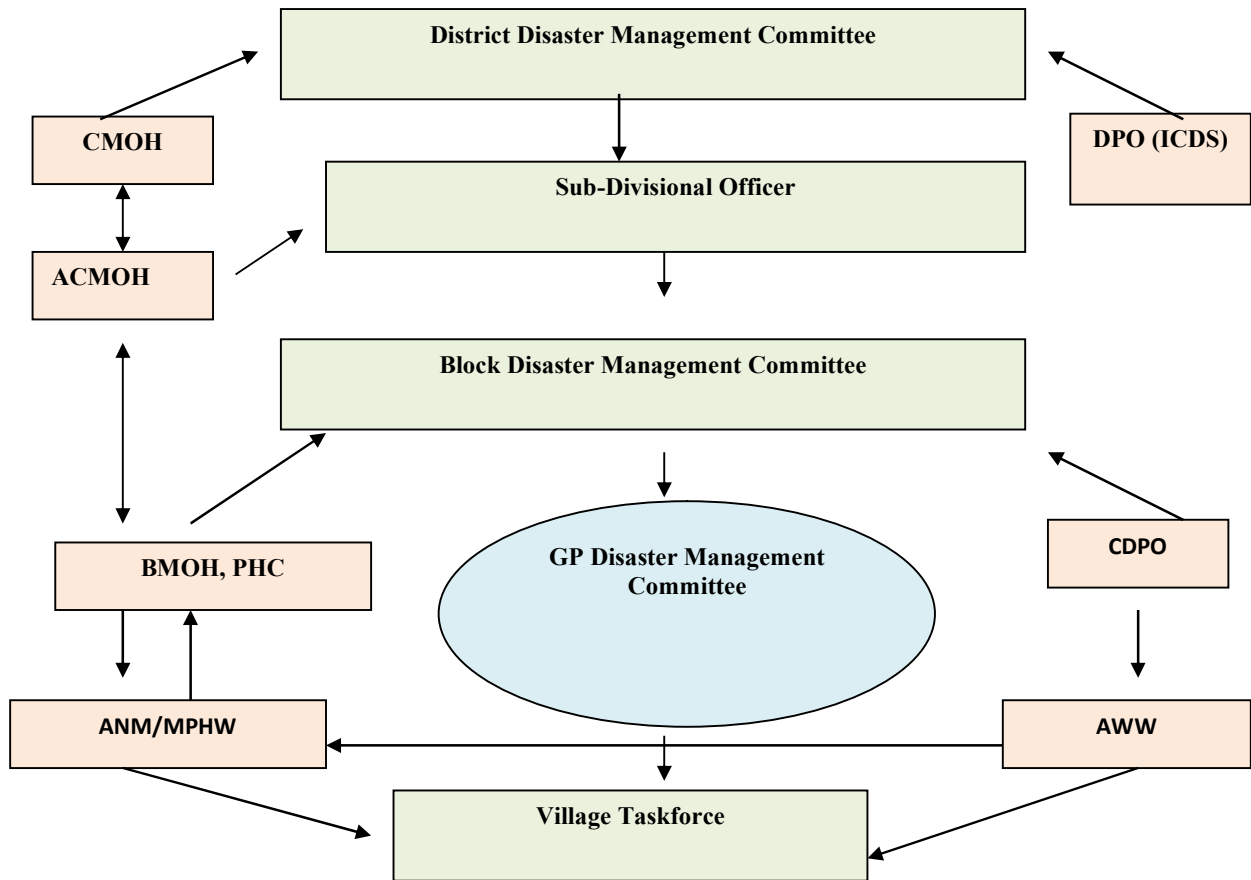
Activities	Page no. for Reference	Yes/No
<ul style="list-style-type: none"><li>• Assessing of duty.</li><li>• Maintain inventory of resources.</li><li>• Provide information who needs it.</li><li>• Service division and assign duties.</li><li>• Receive information on a routine basis and record.</li><li>• Receive preparedness report from various relevant dept.</li><li>• Basing on the reports feedback to the district authority and others.</li><li>• Vulnerable area map displayed.</li><li>• Imp. Phone numbers.</li></ul>		

# Evacuation, Search and Rescue Response



Department	Evacuation, Search and Rescue Response Structure and System			
	Preparedness	Pre (after Warning)	During Disaster	Post Disaster
<b>District</b>	Training	Activation DMT	Action	Review
<b>Panchayat Samiti</b>	Training	Block Master Teams	Action	Review
<b>MVI</b>	Training	Activation DMT and BMT	Action	Review
<b>Police</b>	Training	Activation DMT and BMT	Action	Review
<b>Fire Brigade</b>	Training	Activation DMT and BMT	Action	Review
<b>Revenue/ RI</b>	Training	Activation DMT and BMT	Action	Review
<b>Medical</b>	Training	Activation DMT and BMT	Action	Review
<b>Saline and Embankment/ PWD/ RD</b>	Training	Activation DMT and BMT	Action	Review
<b>NGO/ Volunteer</b>	Training	Activation DMT and BMT	Action	Review

## First aid & Health Services:-

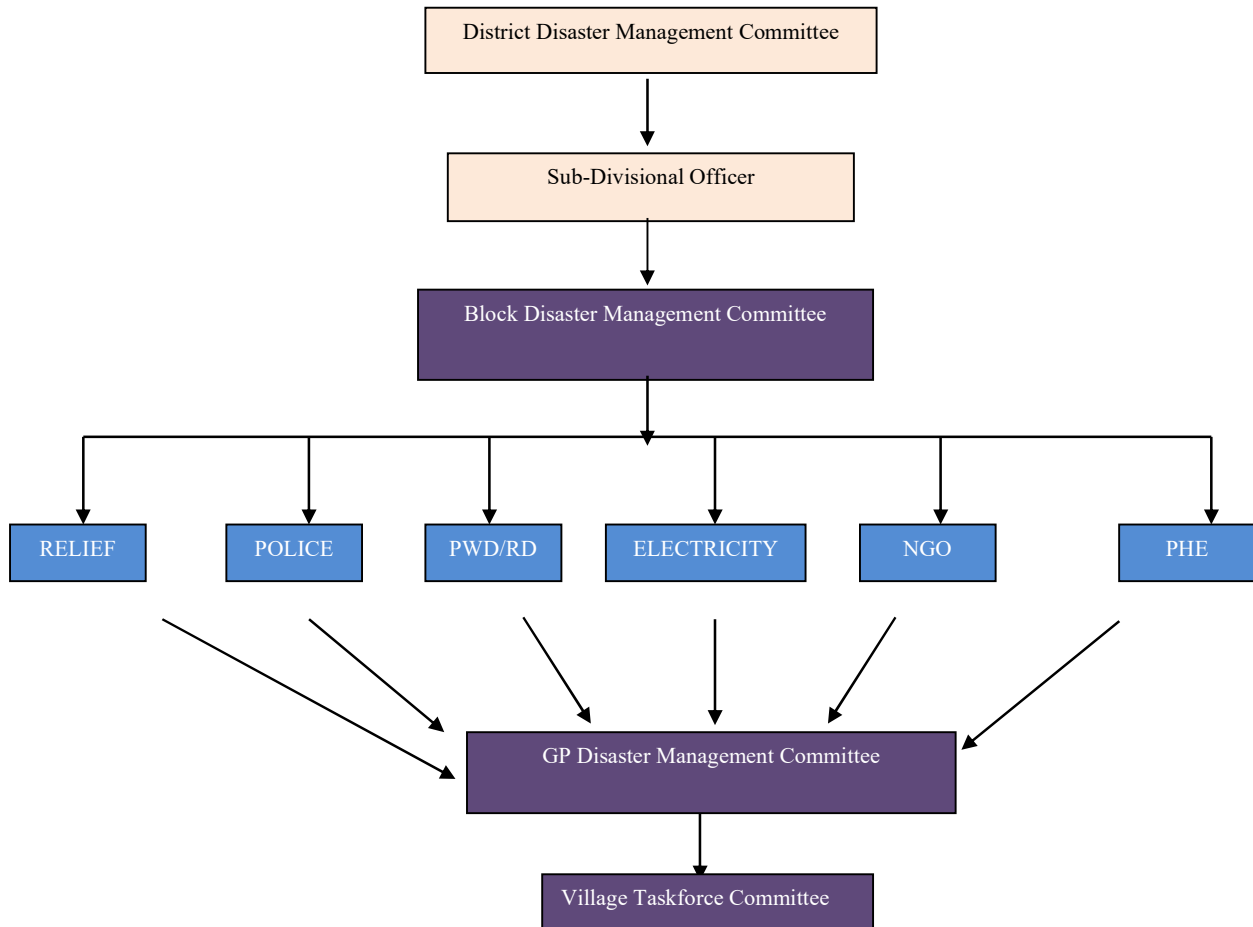


Departments	Medical Aid - Response System			
	Preparedness	Pre (after warning)	During	Post
CDMO	Training	Activation DMT and BMT	Action	Review
CDVO	Training	Activation DMT and BMT	Action	Review
DSWO	Training	Activation DMT and BMT	Action	Review
District Administration	Training	Activation DMT and BMT	Action	Review
NGO/ Volunteers	Training	Activation DMT and BMT	Action	Review

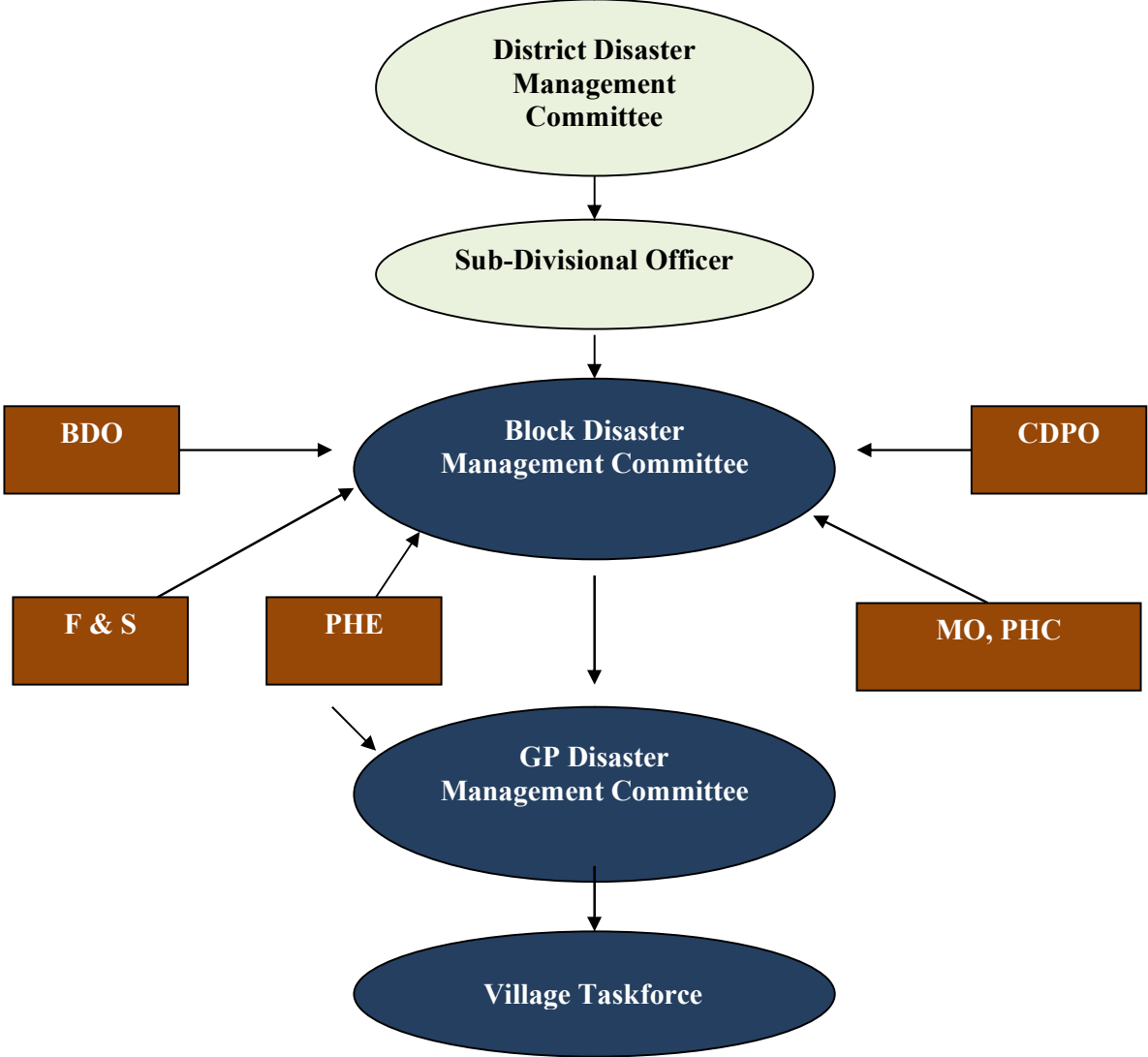
### Carcass/Dead bodies' disposal

Departments	Preparedness	Pre (after warning)	During	Post
Health/ VAS	Training	Activation DMT and BMT	Action	Review
Gram Panchayat and NGO	Training	Activation DMT and BMT	Action	Review

# Shelter Management



# Relief Operation



## Check List for DMIC

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>• Assignment of Duty</li> <li>• Maintain inventory of resources</li> <li>• Identification of Weak and vulnerable points</li> <li>• Proper setting up of the control room</li> <li>• Provide information who need it</li> <li>• Service division and assign duties</li> <li>• Receive information on a routine basis and record</li> <li>• Receive preparedness report from various relevant dept.</li> <li>• Basing on the reports feedback to the district authority and others</li> <li>• Vulnerable area map displayed</li> <li>• Imp. Phone numbers</li> </ul>			

### CHECKLIST FOR VARIOUS DEPARTMENTS

#### a) *Collector and District Magistrate:*

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ Vulnerable and risk assessment map</li> <li>▪ Cut off areas with safe route map</li> <li>▪ Storing facilities</li> <li>▪ List of dealers for food</li> <li>▪ List of volunteers</li> <li>▪ Control room set up</li> <li>▪ Boat and transportation for rescue</li> <li>▪ Transportation for food supply</li> <li>▪ Pre-positioning of staff</li> <li>▪ Site operation centers/staff</li> <li>▪ Evacuation and rescue of people</li> <li>▪ Coordination and linkage</li> <li>▪ Damage assessment</li> <li>▪ Address and telephone list</li> <li>▪ Alternative communication system</li> <li>▪ Pulling resources from out side if required</li> <li>▪ Having network with neighboring Sub-divisions</li> </ul>			

#### b) *President Zilla Parishad*

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>• Ensuring the function of BDMC</li> <li>• Approval of DM Plan in the Panchayat Samiti</li> <li>• Awareness generation</li> </ul>			



**c) CDMO**

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ Stock position of live saving drugs, ORS, IV fluids and other equipment</li> <li>▪ Distribution of ORS, Halogen to field areas</li> <li>▪ List of contact address of field staff</li> <li>▪ List of volunteers</li> <li>▪ List of DDC/ AWW</li> <li>▪ List of epidemic/risk prone areas</li> <li>▪ List of site operation areas</li> <li>▪ Mobile health unit</li> <li>▪ List of Dist./ health control rooms</li> <li>▪ List of private and local doctor</li> <li>▪ Awareness through propagation of healthy practices during the disaster time</li> <li>▪ Trained the village taskforces on use of medicine and first aid</li> <li>▪ Daily disease report collection and analysis</li> <li>▪ Preventive measures</li> <li>▪ Taking help of others/dist</li> </ul>			

**d) Executive Engineer Irrigation/SDO**

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ Stock piling of repair materials like sand, bags, bamboo at vulnerable points [Place name]etc.</li> <li>▪ Provision of guarding of weak points</li> <li>▪ List of volunteers</li> <li>▪ Taking help of community for maintenance of the embankments</li> <li>▪ Taking proper measures for protecting the weak points</li> <li>▪ Co-ordinating with others</li> </ul>			

**e) District Agriculture Officer**

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ List of different areas to be affected by different hazards</li> <li>▪ Crop pattern with land holding</li> <li>▪ List of irrigation points with status</li> <li>▪ Alternative crop</li> <li>▪ Trained for food preservation and protection</li> <li>▪ Assessment of damage</li> <li>▪ Provision of seeds and others</li> <li>▪ Helping in raising of community nursery for seedling/sapling</li> <li>▪ Crop insurance</li> <li>▪ Generate seed bank/grain bank at village level</li> <li>▪ Coordinating with others</li> </ul>			

**f) CDVO**

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ Animal population with categories</li> <li>▪ Possible problems related to different hazards</li> <li>▪ Dealer of feeds/fodder</li> <li>▪ List of cow sheds</li> <li>▪ Site camps with volunteers</li> <li>▪ Programme for mass vaccination</li> <li>▪ Trained the taskforce to use of medicine</li> <li>▪ Coordinating with others</li> </ul>			

**f) Executive Engineer / SDO (RD/PWD)**

Activities	Pre Disaster	During Disaster	Post Disaster
<ul style="list-style-type: none"> <li>▪ Identification o weak points</li> <li>▪ Repair the weak points before hazards season</li> <li>▪ Stockpiling of building materials</li> <li>▪ List of dealers for building materials</li> <li>▪ Promotion/training of people on retrofitting/ resistance building</li> <li>▪ Arrangement of equipment for road clearance</li> <li>▪ Plan for vulnerable reduction</li> <li>▪ Coordinating with others</li> </ul>			

## GEOGRAPHICAL POSITION OF THE HELIPADS/AIR DROPPING POINTS

Sl. No.	Name of the Point	Sub-division	Purpose	Latitude	Longitude
1	Nimpith, under Joynagar II Block	Baruipur	Helipad	22° 08.9553' N	88° 26.7035' E
2	Narayantola Ramkrishna High School, under Basanti Block (Play ground)	Canning	Helipad	22° 08.7716' N	88° 46.8240' E
3	Ghati Harania High School, under Joynagar II Block ( Play ground)	Baruipur	Helipad	22° 01.0640' N	88°31.4292' E
4	Marairtat Roymoni Institute under Joynagar II Block (Play ground)	Baruipur	Helipad	22°03.8197' N	88°30.1435' E
5	Jamtala High School, under Kullali Block	Baruipur	Air dropping point	22°06.2740' N	88°34.1904' E
6	Jamtala High School, under Kliltali Block (Play ground)	Baruipur	Helipad	22°06.2492' N	88°34.1842' E
7	Golabari Hatkhola, under Canning I Block	Canning	Helipad	22°12.8350' N	88°37.7902' E
8	Budhakhali F.P. School Ground, under Canning I Blo	Canning	Air dropping point	22°12.0617' N	88°38.5113' E
9	Rajnarayan High School Itkhola, under Canning (Play ground)	Canning	Helipad	22°13.3433' N	88°37.0520' E
10	St. Gabriel High School, under Canning I Block	Canning	Helipad	22°18.8310' N	88°39.9489' E
11	Jibantala Play ground, under Canning II	Canning	Helipad	22°25.1759' N	88°39.7560' E
12	Canning II Block office ground	Canning	Helipad	22°25.2549' N	88°39.7676' E
13	Gosaba G.P. office, R.R. Govt. High School, under Gosaba Block	Canning	Helipad	22°10.2242' N	88°48.1566' E
14	Gosaba Block office ground	Canning	Helipad	22°09.7706' N	88°47.8269' E
15	Malaya High School, under Patharpratima Block	Kakdwip	Air dropping point	21 °59.4863' N	88°18.4594' E
16	G. M. Siksha Niketan	Kakdwip	Air dropping point	21°51.5968' N	88°22.3394' E
17	Pahar Pratima High School Play ground	Kakdwip	Air dropping point	21°47.5647' N	88°21.3909' E
18	Chandranagar Stadium, under Namkhana Block	Kakdwip	Helipad	21 °41.6624' N	88°14.9136' E
19	Narayanitala DhaneswarSiksha Sadan, under Namkhana Block	Kakdwip	Helipad	21 °35.6628' N	88°15.7937' E
20	Bagdanga Khasmahal ground, under Namkhana Block	Kakdwip	Helipad	21 °40.2608' N	88°12.1060' E
21	Lot-8, Kakdwip	Kakdwip	Helipad	21 °52.9100' N	88°09.9117' E
22	Ramtanunagar, Kakdwip 5 no. Hat, brick field	Kakdwip	Air dropping point	21 °56.5966' N	88°11.5879' E
23	Sitarampur, Kakdwip	Kakdwip	Air dropping point	21 °58.4003' N	88°12.4436' E
24	Kachuberia Bus Stand , under Sagar Block	Kakdwip	Helipad	21°51.6211' N	88°08.4562' E
25	Ghoramara Milan Vidyapith ground, under Sagar Block	Kakdwip	Air dropping point	21 °54.9777' N	88°07.8886' E

Certain other locations are also there which can be used as air dropping points in case of any emergency. Location of such air dropping points are given in the table below:

<b>Sl. No.</b>	<b>Name of the Point</b>	<b>Block /Municipality</b>	<b>Sub-division</b>
1	Khanrapara High School	Mathurapur-II	D/Harbour
2	Stadium Ground	D/ Harbour	D/Harbour
3	Naval Coast Battery	D/ Harbour	D/Harbour
4	Falta Export Processing Zone	Falta	D/Harbour
5	Shirakole Y. N. High School	Magrahat-I	D/Harbour
6	Kalipota Saptagram High School	Magrahat-I	D/Harbour
7	Lakshmikantapur Morapai St. Patric School	Magrahat-I	D/Harbour
8	Sherpur G.P Office	Magrahat-I	D/Harbour
9	Yearpur B.P. M High School	Magrahat-I	D/Harbour
10	Basanti Narayantala High School	Basanti	Canning
11	Sagar Mala Ground	Sagar	Kakdwip
12	Sagar Mahavidyalaya Ground	Sagar	Kakdwip
13	Dhabalat G.P Office adjacent ground	Sagar	Kakdwip
14	Ganga Sagar bus Stand	Sagar	Kakdwip
15	Harinbari Sports Complex	Sagar	Kakdwip
16	Mrinalgar High School Ground	Kakdwip	Kakdwip
17	Manmathapur	Kakdwip	Kakdwip
18	Harendranagar	Kakdwip	Kakdwip
19	Gangadharpur	Kakdwip	Kakdwip

❖ **Irrigation division and vulnerable areas:**

District : SOUTH 24 PARGANAS						(Rs. In Lakhs)
Sl No.	Name of the Work	Division	Tentative Cost	Proposed for funding to the best of our knowledge	Recommendation (If any)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1	Re-Construction of Sundarban Embankment by Brick Block Pitching at Mouza - <b>Kaikhali and Gopalganj</b> , from ch. 27.97 Km. to 28.27 Km. and ch. 23.55 Km. to 24.15 Km (For a length of 900 meter) along the river- Matla , P.S &Block- Kultali, Dist. - South 24 Parganas.	EE-II Joynagar Division	603.5	RIDF-XXIX	Kultali AC	
2	Re - construction of sundarban embankment for a length 0.800Km along the L/B of river Jagaddal at mouza - <b>Sridharnagar</b> , in P. S.& Block - Patharpratima, District - South 24 Parganas	EE-II Joynagar Division	597.58	RIDF-XXIX	Samir Jana, MLA	
3	Raising, strengthening and Re-sectioning /remodelling the damaged and vulnerable Sundarban embankments along river Raimangal from Ch. 2.650 Km. to Ch. 3.650 Km. for a total length - 1.00 km at Mouza – <b>Kumirmari</b> in Block-Gosaba, District of South 24 Parganas.	EE-I Joynagar Division	776.39	RIDF-XXIX	Gosaba AC	
5	Raising and strengthening of Sundarban Embankment for a length of 525.00 from ch. 22.500 km to ch. 23.025 km at Maoza - <b>Chemaguri</b> facing bay of bengal in Block & P.S - Sagar,Dist. South 24 Parganas.	Kakdwip Irrigation Division	1948.69	RIDF-XXIX	Bankim Hazra, HMIC, Sundarban	
6	Re-construction of Sundarban embankment with brick block pitching for a length of 600.00 m including toe protection from ch.28.550 km to 29.15 km at mouza <b>Uttar Gopalnagar</b> facing river Gobadia in Block & P.S Patharpratima, Dist South 24 Parganas.	Kakdwip Irrigation Division	772.13	RIDF-XXIX	Patharpratima AC	
7	Re-construction of Sundarban embankment from Ch. 6.39 km. to Ch. 7.59 km for a length of 1.20 Km ,along the left bank of River Nackchara,at mouza <b>Kuemari</b> , Block & P.S Patharpratima, Dist South 24 Parganas.	EE-II Joynagar Division	796.24	RIDF-XXIX	Samir Jana, MLA	
8	Construction of new sluice over Moukhali Khal at ch. 0.00 at mouza – <b>Moukhali</b> , Kumrakhali, P.S. – Jibantala,Block- Canning –II, Dist. South 24 Parganas	EE-I, Joynagar Irrigation Division	301.22	RIDF-XXIX	Saokat Molla, MLA	



Sl No.	Name of the Work	Division	Tentative Cost	Proposed for funding to the best of our knowledge	Recommendation (If any)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
9	Raising & Strengthening of Sundarban Embankment from Ch. 66.10 km to Ch. 66.53 km & Ch. 65.40 km to Ch. 65.755 km (for a length of 785 m) along the right bank of river Sutarbag in Mouza- <b>Dk Roypur</b> , Block-Patharpratima, P.S. Dhola, District- South 24-parganas.	EE-II, Joynagar Irrigation Division	570.17	RIDF-XXIX	Patharpratima AC	
10	Construction of single lane pedestrian RCC Bridge over <b>Piprekhal</b> river at Mouza <b>Kumrakhali</b> in Block & P.S. – Basanti, District. South 24 Parganas.	Exe. Engr.-I, Joynagar Irrigation Division	253.23	RIDF-XXIX	Bridge collapsed, Basanti and Sandeshkhali AC	
11	" Construction of a single lane R.C.C. Bridge at <b>Panarala</b> over Keorapukur Khal within Julpia G.P. , P.S. – Bishnupur-I , Dist.- South 24 Parganas "	EE-II/Canals Division	161.81	RIDF-XXIX	Bishnupur AC	
12	Protction to Earthen top of restored sea beach inbetween GRW barrier bag and GBDA road from PR No 01 to PR No 05 infront of <b>Kapilmuni Ashram</b> with geotextile covering in Block & P.S. Sagar, Dist. South 24 Parganas under Kakdwip Irrigation Division.	Kakdwip Irrigation Division	155.0	CSDS	Sagar AC	
13	"Raising , Strengthening of Sundarban Embankment along the right bank of river Muriganga from Ch. 15.950 km. to 16.950 km. for a length of 1000 Metre at Mouza- <b>Bankimnagar</b> , Block & P.S. -Sagar , District South-24 Parganas	Kakdwip Irrigation Division	2100.00	CSDS	Bankim Hazra, HMIC, Sundarban	
14	Construction of Single lane RCC Bridge over Bagjola part-II Khal at <b>Chandihat</b> , G.P. Shankarpur, Block-Bhangore-II, Dist- South 24 Parganas.	EE-I/Canals Division	118.00	CSDS	Bridge dilapidated, Bhangar AC	
15	Construction of proposed RCC Bridge over Bagjola part-II Khal at <b>Majherhathat</b> , G.P. Sanpukur, Block-Bhangore-II, Dist- South 24 Parganas.	EE-I/Canals Division	115.00	CSDS	Bridge dilapidated, Bhangar AC	
16	Raising , Strengthening of sundarban embankment with C.C. block pitching for a length of 710.00 metre from Ch.7.985 Km to Ch. 8.695 Km at mouza- <b>Sitarampur</b> facing river Jagaddal, Block- Patharpratima,P.S.-Gobardhanpur Coastal , Dist. South 24 Parganas.	Kakdwip Irrigation Division	1710.20	CSDS	Samir Jana, MLA	

Sl No.	Name of the Work	Division	Tentative Cost	Proposed for funding to the best of our knowledge	Recommendation (If any)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
18	Re-construction of severely damaged Sundarban Embankment armoured with 25 cm. thick Brick Block Pitching damaged due to VSCS AMPHAN in 2020 and VSCS YAAS in 2021 from Ch. 0.000 Km. to Ch. 0.900 Km. (Total length - 900.00 Mtr.), along the right bank of Roymangal river, at Mouza <b>Kumirmari</b> in Block- Gosaba, P.S.- Sundarban Coastal, Dist. South 24 Parganas.	Exe. Engr.-I, Joynagar Irrigation Division	449.92	CSDS	Gosaba AC	
22	Raising, Strengthening & resectioning /remodelling the damaged and vulnerable Sundarban embankments along rivers Matla from Ch. 38.250 km. to ch. 39.250 km. for a total length of 1.00 KM at mouza <b>Parbotipur</b> in Block Basanti, District – South 24 Parganas.	Exe. Engr.-I, Joynagar Irrigation Division	747.39	CSDS	Basanti AC	
24	Raising and strengthening of retired Sundarban embankment from Ch. 27.15 Km. to Ch. 27.95 Km. (Total length - 800.00 metre - near Bali 5 no ) by armouring with 25 cm. thick Brick Block Pitching along the left bank of river Bidya at Mouza <b>Bali</b> in Block Gosaba & P.S. - Gosaba, in the district of South 24 Parganas.	Exe. Engr.-I, Joynagar Irrigation Division	644.50	CSDS	Gosaba AC	
25	Raising , Strengthening of Sundarban Embankment with brick block pitching for a length of 475.00 m from Ch. 6.350 Km. to Ch. 6.825 Km. at mouza – <b>Indrapur</b> facing river Saptamukhi, Block -Patharpratima, P.S.- Gobardhanpur Coastal, Dist. - South 24 Parganas under kakkdwp Irrigation Division	Kakdwip Irrigation Division	641.00	CSDS	Samir Jana, MLA	
26	Raising and strengthening of retired Sundarban embankment from Ch. 11.400 Km. to Ch. 12.400 Km. (Total length - 1000.00 metre - near Sater Kona) by armouring with 25 cm. thick Brick Block Pitching along the right bank of river Gomor at Mouza <b>Amlamethi</b> in Block Gosaba & P.S. - Gosaba, in the district of South 24 Parganas.	Exe. Engr.-I, Joynagar Irrigation Division	774.89	CSDS	Gosaba AC	
27	Raising & Strengthening of Sundarban Embankment for a total length of 0.700 Km along the R/B of river Miridangabhanga at mouza <b>Ramganga</b> in P.S & Block - Patharpratima, District South 24 Parganas.	Executive Engineer - II / Joynagar Irrigation Division	480	CSDS	Samir Jana, MLA	



Sl No.	Name of the Work	Division	Tentative Cost	Proposed for funding to the best of our knowledge	Recommendation (If any)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
39	Raising & Strengthening of Sundarban Embankment from Ch. 5.15 km to Ch. 5.75 Km (for a total length of 0.600 Km) along the L/B of river Gobadia at mouza Dk. Gobindapur in P.S & Block - Patharpratima, District South 24 Parganas.	Executive Engineer - II / Joynagar Irrigation Division	400	CSDS	Patharpratima AC	
43	Raising, Strengthening og Sundarban embankment with brick block pitching for a length of 1500m including toe protection from Ch. 33.30Km to Ch.34.80 Km at mouza- Nadabhanga facing river Muriganga, Block-Namkhana, P.S. Kakdwip, District South 24 Parganas.	Kakdwip Irrigation Division	2150.00	CSDS	Bankim Hazra, HMIC, Sundarban	
48	Construction of a wooden bridge over Chunakhali drainage Channel out falling of river Hana near Chunakhali bazar at Mouza-Chunakhali in Block and P.S.- Basanti, Dist-South 24 Parganas, under Joynagar Irrigation Division.	Exe. Engr.-I, Joynagar Irrigation Division	36.67	CSDS	Shyamal Mondal, MLA	
49	Special Repair of a wooden bridge over 1 no Laskarpur drainage channel out falling at river Matla near Jharkhali Bunglow at Mouza-Laskarpur in Block- Basanti, P.S.- Jharkhali Kostal, Dist.- South 24 Parganas under Joynagar Irrigation Division.	Exe. Engr.-I, Joynagar Irrigation Division	31.91	CSDS	Pratima Mondal, MP	
51	Re-construction of Sundarban river embankment for a length of 365 m near Hulo Khal Mathani along the left bank of river Mridangabhanga at Mouza- Kedarpur, Block & P.S. - Patharprotima , Dist. South 24 Parganas.	Executive Engineer - II / Joynagar Irrigation Division	250	CSDS	Samir Jana, MLA	
52	Reconstruction,remodeling & Improvement of Sundarban Embankment by providing Brick Block pitching for a length of 400.00 m fromCh. 6.500 km to Ch.6.900 km at mouza Haripur along right bank of river Saptamukhi in Block Namkhana, P.S.-Frezerganj Coastal in district South 24 Parganas	Kakdwip Irrigation Division	356.00	CSDS	Sagar AC	



Sl No.	Name of the Work	Division	Tentative Cost	Proposed for funding to the best of our knowledge	Recommendation (If any)	Remarks
(1)	(2)	(3)	(4)	(5)	(6)	(7)
55	Raising, Strengthening of Sundarban embankment with brick block pitching for a length of 900 m including toe protection from Ch 23.450 Km to Ch 24.350 Km. at mouza- <b>Budhakhali</b> facing river Muriganga, Block- <b>Namkhana</b> , P.S. <b>Kakdwip</b> , District South 24 Parganas.	Kakdwip Irrigation Division	1450.00	CSDS	Mantu Pakhira, MLA	
66	Raising and strengthening of Sundarban Embankment from ch. 18.50 km to ch. 19.45 km (for a length 950 m) along the right bank of river Moni in Mouza - <b>Kumrapara</b> , Block - <b>Mathurapur - II</b> , P.S. - <b>Raidighi</b> , District- <b>South 24 Parganas</b>	Executive Engineer - II / Joynagar Irrigation Division		CSDS	Raidighi AC	
69	Raising and strengthening of Sundarban Embankment from ch. 18.21 km to ch. 18.77 km (for a length 560 m) near Harintanabazar in Mouza - <b>Kailashpur and Mahabatnagar</b> along the right bank of river Nakchara in Block - <b>Mathurapur - II</b> , P.S. - <b>Raidighi</b> , District- <b>South 24 Parganas</b>	Executive Engineer - II / Joynagar Irrigation Division	650	CSDS	Raidighi AC	
			Total=	20041.44		

**Details of Executive Engineers of Irrigation Division**

Sl No.	Division	Name	Contact Number	E Mail i.d.	Jurisdiction	Major Waterbody under Jurisdiction
1	Executive Engineer, Kakdwip Irrigation Div	Surojit Das	9433077290	eekid18@gmail.com	Kakdwip Block, Namkhana Block, Sagar Block & Part of Pathar pratima Block.	Bay of Bengal, Muriganga, Saptamukhi
2	Executive Engineer I, Jaynagar Irrigation Division	Indrajit Dutta	7980880649	iwdeejd@gmail.com	Gosaba, Basanti, Canning I & II, parts.	Bidya, Gomor, Raymangal, Hogol, Hana, Matla.
3	Executive Engineer II, Jaynagar Irrigation Division	Sukanta Das	9933603881	ee2jid.iwd@gmail.com	Kultali, Mathurapur I & II, Part of Patharpratima & Joynagar II.	Matla, Thakuran, Nakchara, Mridangabhanga
4	Executive Engineer, Suburban Drainage Div	Kinshuk Mondal	9674536852	<a href="mailto:eesddiw@gmail.com">eesddiw@gmail.com</a>	KMC Borough-XIV & XVI, Municipality -Maheshtala, Pujali & Budge Budge, Blocks-Budge Budge, I & II, Falta, Bishnupur I & II, Thakupukur Maheshtala,	New Monikhal, Defunct Monikhal, Parnashree khal, Begore Khal, Churial Main and Diversion khal, Katakhal Main Khal, Alampur Khal, Balarampur Main Khal
5	Executive Engineer, Metropolitan Drainage Div-II	Utpal Parna Sengupta Sarkar	9830400804	eeemd921@gmail.com	1. Ward no 102 to 110 of kmc 2. Rajpur Sonarpur municipality and Sonarpur block ) 3. Barupur block upto Begumpur gp. uttarbhag pump house.	1. TP Main khal and Intercepting channel including all branch channels (garda, Jadavpur, kasba, ruby, mukundapur, choubaga, anandapur 2. Tolly's nalla (new garia stn to shamukpota 3. SAMD Part-1
6	Executive Engineer, Magrahat Drainage Div	Somnath Dev	9433339725	executive.mograhat91@gmail.com	Rajpur-Sonarpur Municipality, Barupur Municipality, Joynagar Majilpur Municipality, Barupur Block, Canning I Block, Kultali Block, Joynagar I Block, Joynagar II Block, Mograhat II Block, Mandir Bazar Block,	Main Drainage Channels: Adiganga Khal, Extension of Adiganga, Brindakhal Khal, Suryapur outer Khal & Suryapur link channel, Suryapur Defunct khal, Nachangacha Khal, Veragachi Khal, Kumrakhal Khal, Himchi Khal, SAMD Part-II, B - Series, C- Series, F- Series, G- Series, H- Series, Peali Drainage Channel, Hotor Khal, Joynagar Khal, Borar Khal, Mandir Bazar Khal, MuldiaKrishiKahl, Branch Channel of Suryapur Inner Channel, Mograhat Connecting Channel, BarasatKata Khal, Hobka Khal, Telepukur Khal, Suryapur Inner Khal, Kata khal
7	Executive Engineer II, Canals Division	Jagabandhu Bandyopadhyay	9433879282	ee2canalsiwd@gmail.com	Budge Budge I & II, part of Maheshtala Municipality, Falta, Diamond I & II, Kulpi part part of KMC -Hooghly left Embankment	Keorapur, Western Channel, Rania -Under KMC Kholakhal khal Usti noinan khal Creek Khal Hanra khal Srichanda khal Bhwbaniapur khal Hotor Rashkhal khal Kulpi khal Godakhal khal
8	Executive Engineer, Calcutta Drainage Outfall Division	Surajit Dhar	8910186623	<a href="mailto:eeecdod@gmail.com">eeecdod@gmail.com</a>	From Bantala to Ghushigata SWF Khal along Basanti Highway under Bhangore I and II	SWF Khal

**Specialized Disaster Management Equipments at District Relief Go-down, South 24 Parganas**

Solar Lamp/Lantern	Foldable cloths stretcher (Fire proof)	Composite Fire extinguisher (6 kg)	Water Purifier (Without electric)	Air Beam Inflatable tent	Throwing Rescue appliances (Rope launcher)	Base Light	Binocular	Satellite Phone (lying with NDC)
420	20	30	12	24	3	6	19	10

**List of available Disaster Management equipments at Civil Defence Section, South 24 Parganas**

Sub-Division/HQ	Bullet Chain Saw (Ms-170/ Ms-180)	Bullet Chain Saw (Ms-461)	Bullet Chain Saw (Ms-462)	Bullet Chain Saw For Stone Cutter	Circular Saw	Id Jacket	Life Jacket	Mega Phone	Search Light	Fiber Stick	Scuba Set	Aska Light	Civil Defence Rescue Van (CDRV)	Fog Light	Foldable Stretcher	Life Buoya
Canning	6	0	0	0	0	260	50	50	0	0	0	57	0	0	0	0
Baruipur	6	0	0	0	0	97	6	2	0	0	0	24	0	0	0	0
Alipore	2	0	0	0	0	58	50	0	0	0	0	10	0	0	0	0
Kakdwip	9	0	0	0	0	330	50	68	0	0	2	72	0	0	0	0
Diamond Harbour	0	0	0	0	0	40	0	0	3	4	0	21	0	0	0	0
Qrt Barrack Diamond Harbour	7	1	0	0	2	174	118	77	37	20	2	11	WB/37C/6768	0	0	0
Alipore H/Q (Civil Defence)	2	3	20	1	3	1300	144	24	100	76	2	2	WB/37C/6779	0	0	0
<b>Total</b>	<b>32</b>	<b>4</b>	<b>20</b>	<b>1</b>	<b>5</b>	<b>2259</b>	<b>418</b>	<b>221</b>	<b>140</b>	<b>100</b>	<b>6</b>	<b>197</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>

N-B: As per order of the higher authority, 10 nos. ASKA light (07 nos. from Disaster Management & 03 nos. from Civil Defence) have been provided to the Paschim Burdwan District during Cyclone Yaas.

★ List of Equipments of Civil Defence Section, Alipore, South 24-Parganas as on March, 2023

SDO/Block	Name of Equipments	Qty.	SDO/Block	Name of Equipments	Qty.
Bishnupur-I	Aska Light	1	Gosaba	Bullet Chain Saw	2
	ID Jacket	4		Mega Phone(Hand Mike)	4
Bishnupur-II	Aska Light	1		Aska Light	20
	Bullet chain saw	2		Search Light	1
	ID Jacket	5		Life Jacket	25
Budge Budge -I	Aska Light	2		ID Jacket	10
	Life buoy	20	Bullet Chain Saw	4	
Budge Budge -II	ID Jacket	20	Hand Mike	1	
	Aska Light	2	Aska Light	2	
	Bullet Chain Saw	1	Life buoy	0	
	Search Light	1	Life Jacket	0	
	Solar Light	1	Fire extinguisher	0	
( SDO Baruipur)	Life Bouy	1	Satellite Phone	1	
	ID Jacket	4	Scuba Set	2	
	Stretcher	1	Bullet Chain Saw	2	
	Bullet Chain Saw	2	Hand Mike	8	
	Megaphone	2	Aska Light	15	
Baruipur Block (GP-9)	Aska Light	2	Life buoy	25	
	ID Jacket	8	Life Jacket	20	
Jaynagar -II	Aska Light	2	Fire extinguisher	13	
	ID Jacket	6	Bullet Chain Saw	35	
Sonarpur	Aska Light	2	Hand Mike	35	
	ID Jacket	6	Aska Light	35	
Kultali	Aska Light	6	Fire extinguisher	10	
	ID Jacket	12	Search Light	50	
Jaynagar -I	Aska Light	2	Ladder	1	
	ID Jacket		Life Buoy	200	
Bhangar -I	Aska Light	2	Life Jacket	200	
	Aska Light	2	Aska Light	15	
(CANNING SUB-DIVISION)	Bullet Chain Saw	1	Megha Phone	2	
	Mega Phone	2	Fire extinguisher	20	
	Aska Light	12	Bullet Chain Saw	5	
	Satellite Phone	1	Hand Mike	10	
	Life Jacket	10	Aska Light	21	
	ID Jacket	20	Life buoy	25	
(CANNING-I)	Bullet Chain Saw	1	Life Jacket	30	
	Mega Phone (Hand Mike)	2	Fire extinguisher	27	
	Life Jacket	2	Gumboot	10	
	ID Jacket	7	Helmet	150	
(CANNING-II)	Bullet Chain Saw	1	Search Light	2	
	Mega Phone	6	Aska Light	2	
	Aska Light	9	Bullet Chain Saw	2	
	Life Jacket	10	Hand Axe	2	
	ID Jacket	40	Torch	2	
Basanti	Bullet Chain Saw	1	Aska Light	2	
	Circular Chain Saw	1	Mathurapur -I	2	
	Aska Light	15	Mathurapur -II	5	
	ID Jacket	10	Kulpi	2	
	Life Jacket	0	Magrahat - I	2	
			Magrahat - II	2	

SDO/Block	Diamond Harbour QRT Barrack																																																			
Name of Equipments	CDRV	MEGA PHONE	FIRE BALL	LIFE JACKET	STRETCHER	FIBER STICK	KEN STICK	CIRCULAR SAW	CHAIN SAW (MINI)	CHAIN SAW (BIG)	S.C.B.A SET	LED STICK	SCUBA SET	TORCH LIGHT	ID JACKET	PANT	CAP	HELMET	BATTERY	LED BACK BOARD	ASKA LIGHT	FIRE ENTRY SHOAT	NET JUMO SET	TRY PAD + HINCH	SPECTRUM STRETCHER	BLANKET	GENERATOR	PLASTIC CHAIR	TABLE	CLAMPKAT	UNIFORM BELT	SHIRT	CUM ALONE	PULLY BIG	HEMMER DRILL	KERNMANTLE ROPE (100M)	HARNESS	ANNIE	QUICK DRAW	CARABINER	TANDEM PULLY	SINGLE PULLY	GIRI GIRI	ASCENDING	STOP DERMS	SLEDGE HAMMER	TANGI	BELCHA	SABOL (GF+3F)	KODAL	TASHOK	MEGA PHONE BATTERY (SMALL)
Qty.	1	112	44	350	22	22	30	2	7	2	1	110	3	37	900	107	138	72	79	94	11	1	1	3	2	6	1	93	7	16	136	171	1	2	1	2	1	4	1	8	9	2	3	2	2	1	2	2	3	1	37	340

### Existing Flood Shelters, South 24 Parganas

Sl. No.	Block	Sub Division	Mouza	No. of Flood Shelter	Latitude	Longitude
1	Basanti	Canning	Charavidya	1	22°21'81" N	88°48'460" E
2	Gosaba	Canning	Kumirmari	1	22°20' N	88°91' E
3	Gosaba	Canning	Amlamati	1	22°07' N	88°72' E
4	Kultali	Baruipur	Binodepur	1	21°88'963" N	88°54'582" E
5	Patharprotima	Kakdwip	Ramganga	1	21°66' N	88°44' E
6	Patharprotima	Kakdwip	Buroburir tot	1	21°63' N	88°30' E
7	Kakdwip	Kakdwip	Taktipur	1	21°55'07.4"N	88°14'27.3"E
8	Kakdwip	Kakdwip	Suryanagar	1	21°56'39.8"N	88°11'16.7"E
9	Kakdwip	Kakdwip	Gangadharpur	1	21°50'34.8"N	88°18'13.7"E
10	Namkhana	Kakdwip	Amarabati	1	21°45'58"N	88°13'57"E
11	Namkhana	Kakdwip	Nayanpur	1	21°46'44"N	88°15'11"E
12	Namkhana	Kakdwip	Baliara	1	21°40'18"N	88°12'3"E
13	Namkhana	Kakdwip	Mousumi	1	21°39'48"N	88°13'05"E
14	Sagar	Kakdwip	Harinbari	1	21°73'567"N	88°10'474"E
15	Sagar	Kakdwip	Kachuberia	1	21°85'113"N	88°13'91"E
16	Sagar	Kakdwip	Ghoramara	1	21°91'532"N	88°13'06"E
17	Sagar	Kakdwip	Gangasagar	1	21°64'103"N	88°08'504"E
18	Mathurapur-II	Diamond Harbour	Nagendrapur	1	21°55'34"N	88°29'03"E
19	Canning-II	Canning	Moukhali	1	22°35'247"N	88°68'5310"E
20	Kulpi	Diamond Harbour	Kulpi	1	22°08'213"N	88°23'5055"E

## Relief Go Downs

Sl. No.	District	Sub-Division	Block	Latitude (N)	Longitude (E)
1	South 24 Parganas	Canning	SDO office campus	22.3144	88.6724
2	South 24 Parganas	Canning	Canning-I	22.18156	88.40446
3	South 24 Parganas	Canning	Gosaba	22.09.432	88.4755
4	South 24 Parganas	Kakdwip	SDO office campus	21.9101	88.19
5	South 24 Parganas	Kakdwip	Kakdwip	21.5435	88.11241
6	South 24 Parganas	Kakdwip	Patharpratima	21.66	88.43
7	South 24 Parganas	Sadar, Alipore	Bishnupur-I	22.44	88.298
8	South 24 Parganas	D/Harbour	Diamond Harbour-I	22.19038	88.19021
9	South 24 Parganas	Baruipur	Joynagar-I	22.1155	88.2613
10	South 24 Parganas	Baruipur	Baruipur (Construction under process)		
11	South 24 Parganas	Baruipur	Bhangore-I (Construction under process)		
12	South 24 Parganas	Sadar, Alipore	Bishnupur-I (Construction under process)		



**List of 15 nos. of Multipurpose Cyclone Shelter under Prime Minister  
National Relief Fund, South 24 Parganas**

<b>Sl. No.</b>	<b>Name of the Block</b>	<b>Name of G.P</b>	<b>Name of Mouza</b>	<b>Exact Location</b>	<b>Capacity (person)</b>	<b>Area (Sq. metre)</b>
1	Basanti	Basanti	Basanti	Basanti High School	700	457.44
2	Basanti	R. C Khali	R. C Khali	R.C Khali Narendranath High School	2000	857.87
3	Gosaba	Amtali	Chimta Maukhali	Moukhali F.P.	2000	857.87
4	Gosaba	Bally-II	Bally	Bally High School	2000	857.87
5	Kultali	Deulbari Debipur	Gopalgunj	Gopalgunj BKRM School	700	457.44
6	Kakdwip	Swami Vivekananda	Kakdwip	Sundarban Ramkrishna Ashram Nursery & K.G. School	2000	857.87
7	Namkhana	Narayan pur	Nadabhanga	Naboday SSK	2000	857.87
8	Namkhana	Mousuni	Mousuni	Mousuni First Gheri F.P. School	2000	857.87
9	Namkhana	Haripur	Haripur	Haripur Gadadhar Vidyapith	2000	857.87
10	Sagar	Muriganga-II	Bamankhali	Bamankhali MP High School	2000	857.87
11	Sagar	D/Sumatinagar-II	Mritunjoy Nagar	Mrityunjoynagar F.P. School	2000	857.87
12	Sagar	Dhablat	Purusattampur	Dhablat Laxman Parabesh School	2000	857.87
13	Pathar Pratima	Laxmijanardanpur	Pb. Dwarakapur	Pb. Dwarikapur Pragati Siksha Niketan	2000	857.87
14	Pathar Pratima	Herambagopalpur	Kuemuri	Govt. 283 ICDS Centre	2000	857.87
15	Pathar Pratima	Achintyanagar	Pb. Sripatinagar	Ps. Sripatinagar H.S. School	700	457.44



**List of 25 nos. of Multipurpose Cyclone Shelter under Integrated Coastal Zone Management Project (ICZMP), South 24 Parganas**

Sl. No.	Block	Gram Panchayat	Mouza	Name of site	Latitude	Longitude
1	Pathar pratima	Laxmijanardanpur	Laxmijanardanpur	Laxmijanardanpur High School	21°50'3.9" N	88°27'10.8"E
2	Pathar pratima	Ramganga	Dk. Shibpur	Devichak Veterinary Ground	21°49'55.9"N	88°22'28.0"E
3	Pathar pratima	G-Plot	Indrapur	Indrapur Free Primary School	21°39'44.0"N	88°24'27.5"E
4	Pathar pratima	G-Plot	Daspur	Daspur Upper Primary School	21°42'34.2"N	88°24'42.5"E
5	Pathar pratima	Banshyamnagar	Gangapur	Gangapur Free Primary School	21°44'27.2"N	88°24'51.8"E
6	Gosaba	Kumirmari	Kumirmari	Safakachhari N.C.Memo. F.P. School	24°59'01"N	69°88'50"E
7	Gosaba	C.M.khali	Kalidharpur	Gobindapur Jr.High School	22°19'11"N	88°87'04"E
8	Gosaba	Chotomollakhali	Chotomollakhali	Mangalchandra High School	22°21'50"N	88°90'54"E
9	Gosaba	Sambhunagar	Sambhunagar	Sambhunagar High School	24°60'40"N	68°48'40"E
10	Gosaba	Pathankhali	Pathankhali	Pathankhali Hazi Desharat College	24°56'91"N	68°03'90"E
11	Gosaba	Lahiripur	Lahiripur	Santigachi High School	22°10'91"N	88°90'38"E
12	Gosaba	Rangabelia	Rangabelia High School	Rangabelia High School	24°51'71"N	68°87'90"E
13	Sagar	Gangasagar	Bishnupur	Bishnupur Khagendranath Balkrishna Vidhyapith	21°70'01"N	88°08'74"E
14	Sagar	Dhaspara Sumatinagar-II	Sumatinagar	Sumatinagar Sarat Kumari High School	21°72'12.5"N	88°15'13"E
15	Sagar	Ramkarchar	Krishnanagar	Krishnanagar High School	21°77'39"N	88°09'38.9"E
16	Sagar	Ghoramara	Khashimara	Ghoramara Milan Vidyapith High School	21.91489816°N	88.1312444°E
17	Sagar	Dhablat	Boatkhali	Dhablat R.K.G.N Free Primary School	21°64'08"N	88°12'54"E
18	Basanti	Nafargang	Birinchipari	Surendranath Balika Vidyalaya HS	22°06'19.3"N	88°40'29.0"E
19	Basanti	Masjitbati	Gad khali (Ramgopalpur)	Hiranmoypur Godhkhali Free Primary School	22°10'6.3"N	88°46'24.5"E
20	Basanti	Basanti	Purandar	Purandar Free Primary School	22°12'25.3"N	88°41'32.0"E
21	Basanti	Uttarmokamberia	Harbhangi	Harbhangi Free Primary School	22°13'4.5"N	88°39'3.2"E
22	Basanti	Chunakhali	Chunakhali	Chunakhali Hatkhola Upper Primary School	22°16'45.8"N	88°47'43.3"E
23	Namkhana	Narayan pur	Iswaripur	Iswaripur Free Primary School		
24	Namkhana	Frezerganj	Debnibas	Near Debnibas Sub-Center field	22°60'99"N	88°27'05"E
25	Namkhana	Budakhali	Rajnagar	Rajnagar Srinathgram Jr. Basic School	21°80'72"N	88°21'91"E

**List of 75 nos. of Multipurpose Cyclone Shelter under National Cyclone Risk Mitigation project (NCRMP), South 24 Parganas**

Sl. No.	Sub-Division	Block	Gram Panchayat	Mouza	Name of site	Latitude	Longitude
1	Kakdwip	Pathar pratima	Brajaballavpur	Rakhaskhali	Rakhaskhali High School	22.22700	88.69700
2	Kakdwip	Pathar pratima	Dk.Gangadhar pur	Abad Gangadhar pur	Mayrarchak Haripada high School	22.32600	88.77100
3	Kakdwip	Pathar pratima	S/Purnachandrapur	Meharpur	Meharpur Tulashi Rani Smriti Vidyapith	22.03687	88.66854
4	Kakdwip	Pathar pratima	S/Purnachandrapur	Purnachandrapur	Punachandrapur Chandmoni Sikshabhaban	22.03600	88.66800
5	Kakdwip	Pathar pratima	Achintyanagar	Kamdevpur	Kamdevpur Snehabala Milan Vidyapith	22.11106	88.71651
6	Kakdwip	Pathar pratima	Banashyamnagar	Banashyamnagar	Purba Banashyamnagar F.P.S.	22.20500	88.72500
7	Kakdwip	Pathar pratima	Patharpratima	Bhagbatpur	Bhagbatpur Digambari F.P.S (Ramkrishna F.P. School)		
8	Kakdwip	Pathar pratima	Patharpratima	Kishorinagar	Kishorinagar F.P.S	22.24235	88.74644
9	Kakdwip	Pathar pratima	Patharpratima	Madhabnagar	Madhabnagar F.P.S.	22.23706	88.69447
10	Kakdwip	Pathar pratima	Herambagopalpur	Pb. Surendranagar	J-Plot Purba Surendranagar F.P.S.	22.28293	88.68853
11	Kakdwip	Pathar pratima	Digambarpur	Indranarayanpur	Sukanta Najrul MSK (Indranarayanpur F.P. School)	22.15497	88.74476
12	Kakdwip	Pathar pratima	Durbachati	Ps. Surendranagar	Paschim Surendranagar F.P.S (Adarsha Banipith High School)	22.25672	88.66658
13	Kakdwip	Kakdwip	Swami Vivekananda	Kakdwip	Kakdwip Birendra Vidyaniketan (Kakdwip Govt. Sponsored Ashram Type High School For Girls)	21.78840	88.10310
14	Kakdwip	Kakdwip	Ramgopalpur	Dakshin Kasiabad	Amar Sridam Milan Vidyamandir	21.81271	88.16350
15	Kakdwip	Kakdwip	Swami Vivekananda	Akshaynagar	Akshaynagar Kumar Narayan Madyamik Shikshayan	21.69176	88.06604
16	Kakdwip	Kakdwip	Rishi Bankim Chandra		Bamanagar Subala High School	21.74970	88.02900
17	Kakdwip	Kakdwip	Bapuji Gram Panchayat	Chandipur	Manik Nagar Surendra Nath High School at present 13 no Chandipur Bazar	21.72312	88.10163
18	Kakdwip	Kakdwip	Rabindra	Mrinalnagar	Chintamanipur Balika Vidyalay (Jr. High School)	21.64557	88.10671
19	Kakdwip	Kakdwip	Rabindra	Manmathapur	Manmathapur Siksha Bhaban High School	21.67580	88.05803
20	Kakdwip	Kakdwip	Ramgopalpur	Uttar Kashiabad	Uttar Kasiabad Sri Krishna Chaitanya Nimna Madyamik Vidyalay	21.98883	88.15592
21	Kakdwip	Kakdwip	Madhusudanpur	Shibkalinagar	Shibkalinagar Ishan Memorial High School	21.86221	88.12874

Sl. No.	Sub-Division	Block	Gram Panchayat	Mouza	Name of site	Latitude	Longitude
22	Baruipur	Kultali	Deulbari Debipur	Kantamari	Kantamari Chudamoni High School	21.82615	88.16350
23	Baruipur	Kultali	Maipith Baikunthapur	Maipith	Baikunthapur High School	21.91647	88.23628
24	Baruipur	Kultali	Gurguria Bhubaneswari	Madhya Gurguria	Madhya Purba Gurguria Adarsha Vidyapith	21.87356	88.37299
25	Baruipur	Kultali	Kundakhali Godabar	Panchuakhali	Panchuakhali High School	21.8573	88.19696
26	Baruipur	Kultali	Gopalgunj	Sankijahan	Sankijahan F.P. School	21.83087	88.25758
27	Baruipur	Kultali	Gurguria Bhubaneswari	Bhubaneswari	Debipur Karunamoyee Girls' High School		
28	Diamond Harbour	Math-II	Kumrapara	Kumrapara	Kumrapara Delwara Hossain Vidyapith	21.88286	88.29528
29	Diamond Harbour	Math-II	Nandakumarpur	Narendrapur	Narendrapur Milon Vidyapith	21.87084	88.26576
30	Diamond Harbour	Math-II	Dighirpar Bakultala	Chapla Khop	Subhas Nagar High School	21.89842	88.35089
31	Diamond Harbour	Math-II	Nagendrapur	Nagendrapur	Nagendrapur Hemanta Kumari High School	21.93586	88.18296
32	Diamond Harbour	Math-II	Kankandighi	Paschim Jata	Nikunja Bihari F.P School (Jogendrapur Nimna Buniadi Vidyalaya)	21.57867	88.25827
33	Kakdwip	Namkhana	Freserganj	Bijoybati	Bijoybati Parvartah FP School	21.76995	88.23151
34	Kakdwip	Namkhana	Shibrampur	Rajnagar	Near Nabin FP School	21.76100	88.26525
35	Kakdwip	Namkhana	Narayanpur	Narayanpur	Narayanpur 4 <sup>th</sup> Gheri FP School (Near 4th Gheri Pragati Sangha)	21.66711	88.29339
36	Kakdwip	Namkhana	Haripur	DK. Chandanpiri	DK. Chandanpiri FP School	21.66316	88.20533
37	Kakdwip	Namkhana	Moushuni	Kusumtala	Kusumtala Paschim Madhya FP School (Shibalaya)	21.64278	88.21233
38	Kakdwip	Namkhana	Moushuni		Baliara FP School	21.81267	88.2511
39	Kakdwip	Namkhana	Budhakhali	Fatikpur	Fatikpur Rishi Bankim SSK	21.61307	88.23094
40	Kakdwip	Namkhana	Shibrampur	Patibunia	Patibunia Nanigopal FP School	21.76995	88.23132
41	Kakdwip	Namkhana	Namkhana	Debnagar	Paikbar F.P School	21.79792	88.2148
42	Kakdwip	Namkhana	Narayanpur	Ganeshpur	Sarbadoy Gholo Para F.P School	21.75069	88.37786
43	Kakdwip	Sagar	Muriganga-II	Chakfuldubi	Krishnanagar Soudamini Balika Vidyalaya	21.97563	88.3447
44	Kakdwip	Sagar	Muriganga-I	Sikarpur	Sikarpur F.P School	21.94677	88.33896
45	Kakdwip	Sagar	Rudranagar	Radhakrishnapur	Radhakrishnapur High School	21.91392	88.3415
46	Kakdwip	Sagar	Ramkarchar	Harinbari	Harinbari Yudhistir Sikshayatan	21.83053	88.42484
47	Kakdwip	Sagar	Rudranagar	Rudranagar	Sundarban Janakalyan sangha Vidyanketan	21.78925	88.43127

Sl. No.	Sub-Division	Block	Gram Panchayat	Mouza	Name of site	Latitude	Longitude
48	Kakdwip	Sagar	Dhablat	Prasadpur	Prasadpur Atal Vidyabhaban	21.74915	88.32389
49	Kakdwip	Sagar	Gangasagar	Beguakhali	Dakshin Sagar Banitirtha High School	21.74172	88.33323
50	Kakdwip	Sagar	D.S-II	Gobindapur	Gobindapur Tarachand High School	21.78131	88.3446
51	Kakdwip	Sagar	M.G-I	Fulbari	Fulbari Sitala High School	21.86981	88.46638
52	Kakdwip	Sagar	M.G-I	Muriganga	Muriganga F.P. School	21.90542	88.37662
53	Canning	Basanti	RC Khali	Sonakhali	Sonakhali High School	21.80336	88.28979
54	Canning	Basanti	Charavidya	Charavidya	Sree Sree Ramakrishna Siksha Niketan	22.02324	88.58493
55	Canning	Basanti	Bharatgarh	Garanbose	3 no Garanbose FP School	21.8896	88.51638
56	Canning	Basanti	Jharkhali	Herobhanga	4 no GSFP School	21.98632	88.55633
57	Canning	Basanti	Jyotishpur	Radharanipur	19 no Radharanipur FP School	22.16982	88.58403
58	Canning	Basanti	RC Khali	Hogolduri	SK Para FP School	22.05707	88.58502
59	Canning	Basanti	Fulmalancha	Nebukhali	Sarkarpara FP School	21.95557	88.5335
60	Canning	Basanti	RC Khali	Kalahazra	Kalahazra High School	21.96723	88.43395
61	Canning	Basanti	Uttar Mokamberia	Uttar Sonakhali	Uttar Sonakhali State Plan FP School	21.95918	88.43175
62	Canning	Basanti	Kanthalberia	Bhangankhali	Bhangankhali FP School	22.01002	88.38813
63	Canning	Basanti	Jyotishpur	Harekrishnapur	Harekrishnapur CSFP School	21.92501	88.48498
64	Canning	Basanti	Uttar mokamberia	Naliyakhali	Naliyakhali FP School	21.98923	88.48149
65	Canning	Gosaba	Pathankhali	Gopalkata	Gopalkata Jelepara High School	22.13547	88.5115
66	Canning	Gosaba	R.T.Nagar	Taranagar	Taranagar B.T.C. Vidyamandir	22.14118	88.53004
67	Canning	Gosaba	Amtali	Puinjali	Puinjali Jr. High School	22.14123	88.56229
68	Canning	Gosaba	Satjelia	Sudhansupur	Anandapur Colony F.P. School	22.07399	88.52061
69	Canning	Gosaba	Kachukhali	Kachukhali	Manmathapur High School	22.12443	88.50186
70	Canning	Gosaba	Rangabelia	Pakhirala	Pakhirala F.P. School	22.8194	88.49472
71	Canning	Gosaba	Kachukhali	Ramnagar	Ramnagar High School	22.13353	88.5057
72	Canning	Gosaba	R.T.Nagar	Baromollakhali	Taranagar Saraswati High School	22.13546	88.5151
73	Canning	Gosaba	Rangabelia	Uttardanga	Uttardanga	22.11205	88.51217
74	Canning	Gosaba	Sambhunagar	Jhowkhali	Jhowkhali Jr. High School	22.22930 95	88.81221 19
75	Baruipur	Kultali	Deulbari Debipur	Shyamnagar	Shyamnagar F.P School		

## Blockwise Multipurpose Cyclone Shelter (MPCS)

Sl. No.	Name of the Block	PMNRF	NCRMP	ICZMP	Total
1	Sagar	3	10	5	18
2	Patharpratima	3	12	5	20
3	Kakdwip	1	9	0	10
4	Gosaba	2	10	7	19
5	Namkhana	3	10	3	16
6	Basanti	2	12	5	19
7	Kultali	1	7	0	8
8	Math-II	0	5	0	5
<b>Total</b>		<b>15</b>	<b>75</b>	<b>25</b>	<b>115</b>

**N:B- One MPCS (Ghoramara GP) under ICZMP at Sagar Block is under construction.**

### “SHELTER LEVEL EQUIPMENT FOR MULTIPURPOSE CYCLONE SHELTERS (MPCS)

Project: National Cyclone Risk Mitigation Project Phase-II (NCRMP- II), Project ID:-: P144726

Sl. No.	Goods/Equipment	Quantity	Unit
1	Life Buoy MMD/SOLAS Approved	5	Nos
2	Life Jacket MMD/SOLAS Approved	10	Nos
3	Florescent jackets	50	Nos
4	Nylon Rope 12 mm dia- 50 mtr.length	3	Nos
5	Foldable stretcher	2	Nos
6	Manila Rope 200ft. 6 mm dia	2	Nos
7	Manila Rope 200ft. 12 mm dia	2	Nos
8	GI Trunk	2	Nos
9	TelescopicAluminiumLadder	2	Nos
10	First Aid Box withtwo manuals	2	Nos
11	Kitchen Utensils(Set)	1	Set
12	Notice Board withChicken net covering and locking	1	Nos
13	Plastic Table	5	Nos
14	Plastic Chair	20	Nos
15	Solar Lantern	2	Nos
16	Siren (HandCrank)	1	Nos
17	Hand Held MegaPhone	1	Nos
18	Flexi-water tank250 lit. capacity	3	Nos
19	Safety Shoes(Gum Boot)	10	Nos
20	Gloves	20	Nos
21	Search Light	2	Nos
22	Wheel Chair	1	Nos
23	Radio	1	Nos
24	Water Filters 27lit.	1	Nos
25	Helmet	20	Nos
26	Rain Suit	10	Nos
27	Tarpaulin	20	Nos
28	Steel Almirah 78''x36''x19'' 20 SWG for doors and 22 for others	5	
29	Steel Rack	5	
30	Handheld Tools Set (2 spade, 2 Pick Axe, 2 Crow bar, 2 Large Axe, 2 Hand Saw and 2Shovel)	5	
31	Fire Extinguisher 4.5 kg CO2	5	Nos
32	Dust Bin (120 ltr.)	4	Nos
33	Dust Bin (100 ltr.)	2	Nos
34	Dust Bin (110 ltr.)	1	Nos
35	Durry/Rug Carpet	5	Nos

## ANNEXURE:

### *Contact Details of DDMA, Disaster Management Dept. and Associated Stakeholders*

#### **District Disaster Management Committee**

The District Disaster Management Committee has been formed under the Chairmanship of the District Magistrate to evaluate the Disaster Preparedness for different types of disasters that may occur at different times of the year that may occur. The District Magistrate is the Executive Chairman of the Committee. This Committee takes stock of the situation, monitors routine preparedness, suggests improving response mechanism and develops a document for disaster management in the District. It has been decided that the committee shall sit at least twice in a year for the above purpose. The Committee members are as follows:

Sl. no.	FUNCTIONARIES	DESIGNATION	Phone No.	
			Office	Residence/ Mobile
1.	The District Magistrate	Chairman	2479-3713/1469	9679997956 6292222444
2.	The Sabhadhipati, Zilla Parishad	Co-Chairman	2479-1738	9830922828
3.	The Superintendent of Police, Baruiipur	Member	033-2433-0010	9073344914
4.	The Superintendent of Police, Diamond Harbour	Member	2480-1611 (O) 2395-2244 (R)	9674722000
5.	The Superintendent of Police, Sundarban	Member	03210 - 255701	9748204351 9073389618
6.	The Additional District Magistrate (General) ADM-in-Charge (Disaster Management)	Member Secretary	24791694 24791469	9995333143 9836632555
7.	The Additional District Magistrate (Dev)	Member	2479-1233,	9830604076 8334972555
8.	The Project Director DRDC	Do	2479-2242/0201	9874489189 9830011225
9.	The Additional District Magistrate (A.E.O.), ZP	Do	2479-1096	9831043226 9836818555
10.	The Additional District Magistrate (L.R.)	Do	2479-2196	9836819555
11.	The Additional District Magistrate (L.A.)	Do	2479-1215	8697719555
12.	The Sub-Divisional Officer, Sadar	Do	2439-9829/ 2479-1681/2131	9836636555 9732622164
13.	The Sub-Divisional Officer, Diamond Harbour	Do	03174-255-222	9434755222
14.	The Sub-Divisional Officer, Baruiipur	Do	2433-8579	8335079071
15.	The Sub-Divisional Officer, Kakdwip	Do	03210-255-200	8335079074
16.	The Sub-Divisional Officer, Canning	Do	03218-255-340	9434743004
17.	The Chief Medical Officer, Health, South 24 Parganas /Diamond Harbour	Do	2473-0294 2473-1039	6291048094 9830612406
18.	The Karmadhakshya, Sishu-O-Nari Unnayan, Janakalyan-O-Tran S.S., Zilla Parishad	Do	2439-1385	9748444580
19.	Member Secretary, Sundarban Development Board	Do	2337-4252 2337-1052	9433077172 9830727929

Sl.	FUNCTIONARIES	DESIGNATION	Phone No.	
20.	The Director, Sundarban Biosphere	Do	2321-1750	9531743112
21.	The A.D.C, Civil Defence, South 24-Parganas	Do	2479-1084	7439653556
22.	The Officer-in-Charge, District Disaster Management Dept.	Do	2439-9247	7439653556
23.	The District Planning Officer	Do	2479-1450	8334866882
24.	The District Controller of Food & Supplies	Do	2479-5882	7604068639
25.	The Dy. Director Agriculture (Admin)	Do	2479-3844	8945074320
26.	The Deputy Director (ARD), South 24-Parganas	Do	2479-8901 2479-4755	9732730114
27.	The District Veterinary Officer	Do	2479-8901	9434961139
28.	The Divisional Forest Officer, South 24 Parganas	Do	2479-9032	9564436153
29.	The Assistant Director of Fisheries, South 24-Parganas	Do	2479-2339	8013430557
30.	The Assistant Director of Fisheries (Marine), Diamond Harbour, South 24-Parganas	Do	03174-255236	9434942960
31.	The District Engineer, Z.P.	Do		9831268788
32.	The Circle Manager, (WBSEDCL), Baruipur, South 24 Parganas	Do	2423-0340/0342	8900793453
33.	The Executive Engineer, P.H.E. (Civil), Alipore Division, 45, G.C. Avenue, Kolkata - 13	Do	2236-5489	9433047223
34.	The Assistant Engineer, Chetla C.I.T. Market, Kolkata- 27 (PWD)	Do	2479-1609	9434065075
35.	The Executive Engineer, Kakdwip Irrigation Division	Do	03210-255122	9831101505
36.	The Executive Engineer-II, Jaynagar Irrigation Division	Do	2252-2887	8697641940
37.	The Executive Engineer, Canal Division	Do	2358-6035	Canal 1: 9748153043 Canal 2: 9433879282
38.	The Executive Engineer, Suburban Drainage Division	Do	2359-7521	9477094832
39.	The Executive Engineer, P.W.D. Roads, Diamond Harbour Highway Division, Diamond Harbour	Do	03174-255-294	9804372652
40.	The Executive Engineer, 24-Parganas Highway Division, Bhawani Bhaban, Kolkata -27 PWD (ROADS).	Do	2439-8387	9434239972
41.	The Executive Engineer (P.W.D. Roards), Diamond Harbour, (Divn)	Do	03174-255-294	8001443808
42.	The Regional Manager, (WBSEDCL), South 24 Parganas Division	Do	2423-0340	9830550193
43.	The Executive Engineer (Elec.), South Kolkata Health Electrical Division, , Kolkata-23.	Do	2449-1391	8902213306
44.	District Information & Cultural Officer, South 24-Parganas	Do	2479-3585	9433022050
45.	Technical Secretary to Chief General Manager, Kolkata Telephones, 135A, B.R.B. Road, Kolkata -1	Do	2242-/5000 2230-8020	9432000935
46.	The Director (Principal) of Fire Services. 13B Mirza Ghalib Street.	Do	2252-1165/8103	9836988747
47.	The Director of Meteorological Centre, Alipore	Do	2479-3167	9836213781

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4			Budge Budge-II	Sankar Maity	9474085153
5			Thakurpukur Maheshtala	Saheli Biswas	9836941412
6	Diamond Harbour	Jayanta Chakraborty, M:9831056542	Diamond Harbour-I	Sujit Biswas (in-Charge)	9143286394
7			Diamond Harbour-II	A.S. Molla, (in-Charge)	7478196712
8			Falta	Kaushik Mondal (in-charge)	9732635121
9			Kulpi	Ranjit Mitra	905161425
10			Magrahat-I	BWO-in Charge	8670890073
11			Magrahat-II	Subhrajit Chakraborty	9831504251
12			Mandirbazar	Sanjoy Mitra	9007840878
13			Mathurapur-I	Dipan Mondal	8583953470
14	Mathurapur-II	Pranab Mondal	9804593692		
15	Canning	Madhumita Mondal, M: 8617261646	Basanti	Sital Maity	9153572121
16			Canning-I	Mousam Sarkar	9874842556
17			Canning-II	Nurul Hasan Laskar	7074286160
18			Gosaba	Pradip kr Dalui	9874273711
19	Kakdwip	Niranjan Mondal M: 8016230135	Kakdwip	Joy Bose	9831778838
20			Namkhana	Abdur Rashid Fakir	7797419114
21			Patharpratima	Arindam Bhuinya	9836855926
22			Sagar	Rupan Bose	7585089796
23	Baruipur	Sumitra Sen, M: 9433932252/ 9874823232	Baruipur	Sovan Mondal	9163281310
24			Bhangore-I	Sanju Pal, PDO, in-charge	7003942565
25			Bhangore-II	Koushik Babu	8777886895
26			Joynagar-I	Subhra Dhar (Paul)	9433318745
27			Joynagar-II	Nandita Chakraborty	9903888014
28			Kultali	Ashoke Mondal	9733869875
29			Sonarpur	Antara Dhar	8420259527

**Contact Details of Police**  
**South 24 Parganas**  
**BARUIPUR POLICE DISTRICT**

BARUIPUR POLICE DISTRICT CONTROL ROOM - 2433-0083, RT  
CONTROL - 2433 - 0070, PBX No. 2433-0022 / 0023  
FAX - 2433-0070, SP, BARUIPUR PD E-MAIL ADDRESS -  
[baruipurpolice@gmail.com](mailto:baruipurpolice@gmail.com)

SL NO.	RANK/UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO	e-mail. Id
1	SP BARUIPUR POLICEDISTRICT	MS. PUSHPA, IPS	033-2433-0010	9073344914	<a href="mailto:baruipurpolice@gmail.com">baruipurpolice@gmail.com</a>
2	ADDL.SP. ZONAL, BARUIPUR PD	SHRI INDRAJIT BASU, IPS	033-2433-0020	9073343503	<a href="mailto:indrajitbasu.2008@gmail.com">indrajitbasu.2008@gmail.com</a>
3	ADDL. SP. HQ, BARUIPUR PD	SHRI MAQSOOD HASAN	033-2433-0090	9073343173	<a href="mailto:addlspqbrppd@gmail.com">addlspqbrppd@gmail.com</a>
4	ADDL. SP. DIB, BARUIPUR PD	SHRI MAQSOOD HASAN (ADDL.CHARGE)	033-2433-1214	9073343571	<a href="mailto:spdibrppd@gmail.com">spdibrppd@gmail.com</a>
5	DSP AP, BARUIPUR PD	SHRI INDRANIL SANNYAL	Extn- 132	9073343758	<a href="mailto:dyspabrppd@gmail.com">dyspabrppd@gmail.com</a>
6	DSP ADMN, BARUIPUR PD	SHRI ARINDAM DAS	033-2433-1073	6292205875	<a href="mailto:dspadmnbrppd@gmail.com">dspadmnbrppd@gmail.com</a>
7	DSP DIB, BARUIPUR PD	SHRI ABHISHEK BOLIAR	033-2433-0023	9073343517	<a href="mailto:spdibrppd@gmail.com">spdibrppd@gmail.com</a>
8	DSP TRAFFIC, BARUIPUR PD	SHRI SOUMYA SANTA PAHARI	033-2433-0063	9073343177	<a href="mailto:dsptrafficbrppd@gmail.com">dsptrafficbrppd@gmail.com</a>
9	IPS Prob. BARUIPUR PD	SHRI. RASPREET SINGH, IPS		8800877921	
10	SDPO BARUIPUR, BRPPD	SHRI INDRA BADAN JHA, IPS	033-2433- 2829/ 6130 2433-2829 ( R )	9073343508	<a href="mailto:sdpobaruiipur@gmail.com">sdpobaruiipur@gmail.com</a>
11	BARUIPUR PS	INSPR. DEB KUMAR ROY	033-2433- 8222	9073343527	<a href="mailto:baruipurps@gmail.com">baruipurps@gmail.com</a>
12	BARUIPUR WOMEN PS	INSPR. KAKALI GHOSH KUNDU	2433-0048	9073343556	<a href="mailto:baruipurwomenps12@gmail.com">baruipurwomenps12@gmail.com</a>
13	JOYNAGAR PS	INSPR. ATANU SANTRA	03218- 220203	9073343550	<a href="mailto:joynagarps@gmail.com">joynagarps@gmail.com</a>
14	KULTALI PS	INSPR. ARDHENDU SEKHAR DESARKAR	03218-215018	9073343534	<a href="mailto:kultalipswbpolice@gmail.com">kultalipswbpolice@gmail.com</a>
15	CI JOYNAGAR	SHRI DEBANJAN SEN		9073343521	<a href="mailto:ciofficejoynagar@gmail.com">ciofficejoynagar@gmail.com</a>
16	BAKULTALA	SI AVIJIT PAUL	03218-226444	8017023847	<a href="mailto:bakultalaps@gmail.com">bakultalaps@gmail.com</a>
17	MAIPITH COASTAL PS	SI MADHUSUDAN PAUL	03174- 204139	9073343564	<a href="mailto:ocmaipithcoastalps2014@gmail.com">ocmaipithcoastalps2014@gmail.com</a>
18	DSP CRIME, BRP PD	SHRI TAMAL SARKAR		9073343511	<a href="mailto:dysprcrime@gmail.com">dysprcrime@gmail.com</a>
19	BHANGORE PS	INSPR. SYED REJAUL KABIR	03218-270490	9073343530	<a href="mailto:bhangoreps1@gmail.com">bhangoreps1@gmail.com</a>
20	CI BHANGORE	SHRI PRASANTA KR.CHATTERJEE	03218- 271500	9073343519	<a href="mailto:cibhangore2016@gmail.com">cibhangore2016@gmail.com</a>
21	KASHIPUR PS	SI PRADIP PAUL	03218-275500	9073343551	<a href="mailto:ckashipurps@gmail.com">ckashipurps@gmail.com</a>
22	DSP DEB, BARUIPUR PD	DR. MOHIT MOLLAH, WBPS	033-2433-0038	6292149201	<a href="mailto:deb.brp.pd@gmail.com">deb.brp.pd@gmail.com</a>
23	SONARPUR PS	INSPR. SANJIB CHAKRABORTY	033-2434-4775, 033-2434- 9296,	9073343529	<a href="mailto:sonarpurps@gmail.com">sonarpurps@gmail.com</a>
24	NARENDRAPUR	INSPR. ANIRBAN BISWAS	033-2435-0211 98366-07972	6292205876	<a href="mailto:narendrapurps@gmail.com">narendrapurps@gmail.com</a>
25	CYBER CRIME PS	LSI JAYASREE NASKAR	033-2433-0108	9477510833	<a href="mailto:cyberbrppd@gmail.com">cyberbrppd@gmail.com</a> <a href="mailto:cyber-s24pgs@policewb.gov.in">cyber-s24pgs@policewb.gov.in</a>
26	SDPO CANNING, BRPPD	SHRI DIBAKAR DAS	03218-255398	9073343505	<a href="mailto:sdpocanning@gmail.com">sdpocanning@gmail.com</a>



SL NO.	RANK/ UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO	e-mail. Id
27	CANNING PS	INSPR. ATIBUR RAHAMAN	03218- 255221 74786-40366	9073343542	<a href="mailto:canningps2013@gmail.com">canningps2013@gmail.com</a>
28	BASANTI PS	INSPR. MD. ABDUR ROB KHAN	03218- 232238	9073343536	<a href="mailto:basantipolicestation@gmail.com">basantipolicestation@gmail.com</a>
29	CI CANNING	SHRI BIMAL MONDAL	03218- 263400	9073343522	<a href="mailto:cicanningoffice@gmail.com">cicanningoffice@gmail.com</a>
30	CANNING WOMEN PS	LSI TANUSREE MONDAL	03218-255755	9830511443	<a href="mailto:canningwomenps@gmail.com">canningwomenps@gmail.com</a>
31	JIBANTALA PS	SI SAMARESH GHOSH	03218-265100	9073343531	<a href="mailto:jibantalaps@gmail.com">jibantalaps@gmail.com</a>
32	GOSABA PS	SI SOUMEN BISWAS	03218- 236511	9073343543	<a href="mailto:psgosaba@gmail.com">psgosaba@gmail.com</a>
33	SUNDARBAN CTL PS	SI SUMAN DAS	03218-201100 (WLL)	9073343562	<a href="mailto:pssundarban@gmail.com">pssundarban@gmail.com</a>
34	JHARKHALI COASTALPS	SI PRADIP KUMAR ROY	03218-203100 (WLL)	9073343563	<a href="mailto:jharkhalicoastal@gmail.com">jharkhalicoastal@gmail.com</a>
35	IC CR BRP PD	SHRI PRANAB NANDI	Extn. 154	94338 97427	<a href="mailto:telecom.bpr@policewb.gov.in">telecom.bpr@policewb.gov.in</a>
36	SRT, TELECOM BRP PD	SHRI SANJOY DEY	033-2433-0070	9073343685	<a href="mailto:telecom.bpr@policewb.gov.in">telecom.bpr@policewb.gov.in</a>
37	IC MPB, BRP PD	SHRI TAPAS KR. MUKHERJEE	033-2433-0070	98312-13799	<a href="mailto:mpbrpd@gmail.com">mpbrpd@gmail.com</a>
38	TI, BARUIPUR	SHRI PRABIR MAHANTA		9073343567	<a href="mailto:tibaruiপুর@gmail.com">tibaruiপুর@gmail.com</a>
39	TI, CANNING	SHRI MOLOY DAS		79083-02849 70740-89342	
40	TI, CONTROL ROOM	SHRI BISWAJIT MAJUMDER		90733-43685 90510-72800	<a href="mailto:dsptrafficcontrol@gmail.com">dsptrafficcontrol@gmail.com</a>
41	RI, BRP PD	SANDIP BANERJEE	Extn- 132	99325-84079	<a href="mailto:ribaruipur@gmail.com">ribaruipur@gmail.com</a>
42	DIO- I, BRP PD	SHRI KUNTAL MONDAL	Extn. 125,	9830523723	<a href="mailto:spdiibrppd@gmail.com">spdiibrppd@gmail.com</a>
43	DIO- II, BRP PD	VACANT	Extn. 125,		<a href="mailto:spdiibrppd@gmail.com">spdiibrppd@gmail.com</a>
44	DEO - I, DEB	VACANT			<a href="mailto:deb.brpd@gmail.com">deb.brpd@gmail.com</a>
45	DEO - II, DEB	SHRI SHIMUL KUSUM DHAR		97359-35576	<a href="mailto:deb.brpd@gmail.com">deb.brpd@gmail.com</a>
46	RO - I, BRP PD	SI SEKHAR NANDI	033-2433-0040	9073343757	<a href="mailto:robrppd@gmail.com">robrppd@gmail.com</a>
47	RO WELFARE	ASI SUSANTA MONDAL	033-2433-0040	86177-10730	<a href="mailto:rowbrppd@gmail.com">rowbrppd@gmail.com</a>
48	RO, LEGAL CELL	SI BADAL DAS		86177-36830	<a href="mailto:badaldas0012@gmail.com">badaldas0012@gmail.com</a>
49	RO, LEAVE, BRP PD	ASI AVIJIT PAUL		98301-56900	<a href="mailto:robrppd@gmail.com">robrppd@gmail.com</a>
50	OC AHTU CELL, BRP PD	SI SUDHIR HALDER		90640-69424	<a href="mailto:ahtucellbrppd@gmail.com">ahtucellbrppd@gmail.com</a>
51	OC SOG, BRP PD	SI LAKSHMI KANTA BISWAS	033-2443-0030	9073343176	<a href="mailto:calldetailsog@gmail.com">calldetailsog@gmail.com</a>
52	O/C WATCH, BRP PD	SI SUJOY GHOSH	033-2433-0038	9073343124	<a href="mailto:spdiibrppd@gmail.com">spdiibrppd@gmail.com</a>
53	OC DCRB, BRP PD	SI TARUN HAZRA	033-2433-0031	98360-87441	<a href="mailto:dcrbbaruipur@gmail.com">dcrbbaruipur@gmail.com</a>
54	OC PG CELL, BRP	ASI SUBRATA HALDER		96474-27560	
55	OC TRIAL MONITORING	SI JAYANTA KR. DAS		98360-01743	
56	OC SPL. TRAFFIC	VACANT	033-2437-0053		<a href="mailto:ocspltrafficalp@gmail.com">ocspltrafficalp@gmail.com</a>
57	MTO, BRP PD	AR. SI CHITTAJIT MONDAL	033-2433-0062	79802-56882	<a href="mailto:mtobaruipur25@gmail.com">mtobaruipur25@gmail.com</a> <a href="mailto:chittajitmondal217@gmail.com">chittajitmondal217@gmail.com</a>
58	JR. ADJT. HG	VACANT	033-2433-0009		<a href="mailto:hgofficebrp@gmail.com">hgofficebrp@gmail.com</a>
59	G/ SHARIF ROP	SI FAROOQ RAHAMAN	03218- 263100	8617323195 9830664379	
60	HQ SUBEDAR, BRP PD	AR. SI SUBRATA GHOSH		79802-71410	
61	MAJOR, BRP PD	ASI SUBRATA GHOSH		98361-06829	
62	GRO BRP COURT	SI SHIBNATH BAGCHI		97345-12350	
63	PA TO SP	SHRI H. RAHAMAN		75969-11931	<a href="mailto:pa2sbrppd@gmail.com">pa2sbrppd@gmail.com</a>
64	READER TO SP, BRP	SI SUMIT DEY		9830197215	<a href="mailto:pa2sbrppd@gmail.com">pa2sbrppd@gmail.com</a>

## DIAMOND HARBOUR POLICE DISTRICT

Diamond Harbour PD Control Room - 2497-8465 , 90739- 25319, Fax No. - 2497-8465

E-MAIL ADDRESS -ddhpolicedistrict@gmail.com

SL	RANK/ UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO
1	SP DDH , DDH PD	SHRI RAHUL GOSWAMI, IPS	2497-8466 (O) 2497-8866 (R)	96747-22000 (CUG)
2	ADDL SP (HQ)	SHRI ARKA BANERJEE , WBPS	2497-8467	80179-97281 (Perl) 90739-75066 (CUG)
3	ADDL. SP. ZONAL, DDH PD	SHRI PALASH CHANDRA DHALI , IPS	03174- 241100 90734 - 91418	9821010261 (Per) 90739-24591(CUG)
4	ADDL SP (DIB)	SHRI BIJOY KRISHNA MONDAL,WBPS	8695623446	90734-91419 (Cug) 94337-74029 (Per)
5	SDPO DDH, DDH PD	SHRI MITUN KR. DEY, WBPS	03174- 255221	90736-76275
6	DSP BISHNUPUR, DDH PD	SHRI JIBANESH ROY, WBPS	2495-4200	85999-33100
7	DSP INDUSTRIAL, DDH PD	SHRI NIRUPAM GHOSH, WBPS	2490-9186 2490-4226	90739-24594 (Cug) 98309-08300 (Per)
8	DSP DIB, DDH PD	SHRI SANTANU SEN , WBPS	8695623446	90733-43514 (Cug) 90623-11555 (Per)
9	DSP DEB, DDH PD	SMT. SAMBITI CHAKRABARTY, WBPS	2497-8470	90739-25306 89613-88935
10	DSP TRAFFIC,DDH PD	SHRI RATHINDRA NATH BISWAS, WBPS	2497-8463	98048-29402
11	DSP ADMN., DDH POLICE	SHRI PARTHA SANNYAL ,WBPS		96090-10526
POLICE STATION				
12	BUDGE BUDGE PS	SHRI SANTANU BASU	033-2482- 1215,	94341-39657 81161-40146
13	MAHESHTALA PS	SHRI SUBINDU SARKAR	033-2490- 6437, 033-2490-5382	9073343524
14	RABINDRANAGAR PS	MD FIROZ ALI	033-2491- 4337/ 3394,	79806-58087
15	PUJALI PS	SHRI AMITAVA SANYAL	9073343506	70637-36070
16	KALITALA ASUTI PS	SI ABU HASSAN	9073343504	98304-85004
17	BISHNUPUR PS	SHRI MAINAK BANERJEE	033-2470- 9245	98364-90422
18	NODAKHALI PS	SHRI PARTHA SARATHI GHOSH	033-2470- 0133	97338-60080
19	FALTA PS	SHRI AVIJIT HAIT	9073491416	98368-73001
20	RAMNAGAR PS	SHRI TUSHAR KANTI SARDAR	03174- 222246	90733-43544 (CUG)
21	CI MAGRAHAT	SHRI SUBIR KUMAR BAG	03174- 253116	8617390215
22	USTHI PS	SI LITON RAKSHIT	03174-250 203	9836264641
23	MAGRAHAT PS	SI DHIMAN BAIRAGI	03174- 252244 9593323131	80179-91533
24	DDH PS	SHRI ANUDYUTI MAJUMDER	03174- 255223 95476 -75599	90733-43541 (CUG)
25	DDH WOMEN PS	LSI DOLLY JHA	03174-257100	9674577919
26	PARULIA COASTAL PS	SI PUSPAK SARKAR	03174-215051	96743-50450
27	CYBER CRIME PS	Vacant		
28	MTO DDH PD	AR. SI KUMARESH DAS	90733-43509	98517-74432
29	TI MAHESHTALA (DEPU)	SHRI ASHOK GHOSH	90733-43565	7003477205 8001982962 (WP)
30	TI Bishnupur	SHRI SWAPAN KRISHNA HALDER		90510-78600

SL	RANK/ UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO
31	TI Diamond Harbour	Vacant		
32	DIO-1 DDH	SHRI PANKAJ KR. MISTRY	2497-8462	98305-55177
33	DIO-II DDH	SHRI SUKANTA SAHA		97751-67411
34	DIO-III DDH	SHRI AMARJIT BISWAS		83489-10911
35	RI HQ DDH Police Dist	SHRI ARIJIT MUKHERJEE	2497-8461	96744-64492
36	COURT INSPR DDH	SHRI ANJAN KR. GHOSH	90644-59953	81451-00210
37	COURT INSPR Alipore Sadar Court	SHRI DHRUBAJYOTI BANERJEE	2448-8290/1307	98361-14449
38	IC Telecom , DDH	SHRI RANJIT SEKHAR DAS	2497-8465 2497-8473	98363-29377 70599-74077
39	IC Telecom II, DDH	SHRI DHIMAN BISWAS		70030-13905 93306-51289
40	IC MPB	Vacant		
41	Insp. DEB	SHRI BIJOY KUMAR GHOSH		99320-05005
42	RO (I) DDH	SI GOPAL CHANDRA DEY	2497-8460	98301-66968
43	RO Welfare	SI DILIP PRAMANIK	2497-8460	6290184194
44	RO LEAVE	C/ANUP DAS	2497-8460	90643-85489
45	HA / ACCOUNTANT / GOC	SHRI CHANDAN SARKAR		91639- 16867 98743 - 21947
46	HA DIB	TARUN DUTTA		90070-88909
47	STATIONERY ASTT.	SMT. RAKHI BHOWMICK		98366-46808
48	LAW CELL	SI SANDIP KR PAUL		6290637272
49	OC TRIAL MONITORING	ASI TAPAN PATRA		97752-50015
50	OC SOG	SI SUJOY GAYEN	2497-8468	90513-19291 70036-74765
51	O/C DCRB DDH	SI SANJOY KUMAR MONDAL	2950-0798	90838-36649
52	O/C WACH DDH	SI DIPESH CH. SAHA	2497-8462	98317-21467
53	O/C CR DDH	SI DIPANJAN MAJUMDER	2497-8465	98744-61555
54	SHYAMGUNGE ROP	SI KOUSHIK DAS	033-2420- 9002	98305-14767
55	BURUL ROP	SI PIYUSH KANTI MONDAL	9073491426	9830711624
56	BUDGE BUDGE TOP	SI AJOY DAS	033-2470- 1233	90515-00275
57	ZINJIRA BAZAR IC	SI SUJAN SAHA	033-2401- 0027	9830275667
58	ASI Ershad Khan (READER TO DySP Industrial)	98361-27771	<u>RO OFFICE</u> ASI SABUJ MAJHI - 98365-64256 ASI BISWAJIT JANA - 80179-85965  <u>MAJOR OFFICE</u> Const Sasanko - 86974-67420 Const Pratap - 74073- 88364	
59	C/RAJKUMAR DEY (DEB)	80014-68143		
60	SI ASHIM DAS (OC SPL TRAFFIC / OC PAILAN STG)	98745-87015 86956-23447		

SL	RANK/ UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO
61	SI UDAY SANKAR HALDER (READER TO SP)	99030 - 24262 2497-8472	Const Tanmoy - 70012-56750	
62	(READER TO ADDL.SP, ZONAL)	Vacant	<u>MT Section</u> ASI Nabin Patra - 93303-26792 Const Dibakar -78902-68976 Const Shyamal - 70034-96602 CONST Sudhanshu - 76799-27190	
63	ASI MANSARAM SINGH (READER TO ADDL.SP, HQ)	96741-68415		
64	C/ SAMIRAN GHOSH (Read DySP Admn)	90515-35327		
65	ASI ASHIM SUR (MAJOR)	7003215693	TRAFFIC WING	
66	SI CHANDRAJIT GHOSH (HG SEC)	81006-76773	SI Ashim Das Pailan STG as OC	86956-23447
67	CONST KIRAN DAS (RI Reader)	85850-25674	Ar. ASI Amiyo Majhi Pailan STG	96746- 81820
68	LC JAYANTI NASKAR READER TO SDPO DDH	97491-17390	SI Anirban Halder OC Amtala STG	98360-52121
69	LASI MOUMITA DEBNATH READER TO DY. SP BSP.	9836462797 2495-4200	Ar. ASI Surajit Das, Amtala STG	82403-18996
SCRB WB		033- 2337 - 1420 (Tel. No. & Fax No.)	Ar. SI Sudip Dey, Sirakole STG	98317-11372
70	Sundarban Police Dist (CR)	03210 -255703/ 90736-96406	Ar ASI Asish Kr Mondal Sirakol STG	98002-90192
71	Baruipore Police Dist (CR)	2433-0083 / 90733-43685	Ar. SI Dilip Manna OC Dostipur STG	98740-27120
72	ADG Traffic Control	2359-8289	Ar.ASI Subrata Roy Dostipur STG	98744-93805
73	HOOGHLY ® DISTRICT T/C	033-2630 - 3039	Ar SI Pronobesh Ghosh Sarishahat STG OC	98749-16770
74	ARAMBAG T/C SUB (CR)	03211- 256148	ASI Bidyut Kumar Roy, Sarishahat STG	70015-83596
75	DIG (O) FAX	2479-4050	Ar SI Chandan Ghoshal OC Diamond STG	82403-30310
76	DIG PR Control Room	2448-0746	Ar ASI Pijush Panja DDH STG	98743-77033
77	ADG TRAFFIC	2448 - 4011 / 2359-8289	ASI Sib Mohon Singh OC Bibirhat STG	94324-13991
78	ADG COSTAL	2479- 4022	SI Swarup Kr Das (BBD STG) ASI Biswajit Biswas (BBD STG)	98362-68368 98366-81650
79	DG Control Room	2214-0083 / 22144031	SI Arabinda Biswas (MST STG) Ar. ASI. Sibasish Murmu DO	96813-13552 98366-60108

SL	RANK/ UNIT	NAME OF SUPERIOR	OFFICE	MOBILE NO
80	Bhabani Bhaban PD CR	2479-4044 IG BOARD- 2479-4035, EX-245 (PP), IGP - (22)	Ar SI Dulal Roy OC STG Rabindrangar	98366-95999
81	PD WB, at NABANNA	2214-5486 / 5413 / 5412 2214-4031, 2214-1946, (FAX)	<u>Fire &amp; Emergency Service</u> Budge Budge Fire Brigade-2470-1271 Behala Fire Brigade-2492-7932,2409-8528 Rabindranagar Fire Brigade-9831692351 DDH Fire Brigade-03174-258-900	
82	Dumdum Central Correctional	2529 - 6370		
83	Presidency Correctional	90739-45529		
84	ALP Women Correctional	2479- 1292		
85	DDH Correctional Home	03174-255404,	Tapan Sen - 8240443616/9831517782	
86	Baruipore Correctil Home	Jeler- 80016-19108, 62922-24825		
87	KOLKATA TRAFFIC CR	2214 - 1288	<u>CIVIL Administration</u> SDO DDH-03174 255-222 DM South 24 Pgs-2479-1694 RTO South 24 Pgs- 9830371081	
88	LALBAZAR CONTROL ROOM	2214-3024 / 2214-3230		
89	KOLKATA POLICE PILOT	2250-5079		
90	Sadar Court Alipore	SI ASHOKE KR ROY 9433802574, Office -2448-8290 / 1307		
91	DDH Court	SI Ashim Dutta (GRO) Mob- 98304-12269 / ASI Tusar Kanti Das (7407032323)		
92	Juvenile Court (Garia)	ASI- Khondakar Anarul Ali, - M- 98743-83942		
93	TOLLYGANJE EF LINE	SI SADHAN BISWAS	2473-3435, 98301-39771	
94	Diamond EF LINE	Ar. ASI Subinoy Mitra	97326-29780	
95	DM S-24 PGS	2479-1694/2479-3713	Pailan Electric off	2480-9818
96	Budge Budge Forest office	8777066907	CABLE TV - MONIRUL 9830680955	

**IMPORTANT TELEPHONE NUMBERS OF POLICE OFFICER OF SUNDARBAN  
POLICE DISTRICT**

SI No.	Name	Designation	Email id	TEL. No.	Mobile Number	CUG Number
1	Koteswar Rao, IPS	SUPERINTENDENT OF POLICE, SPD	<a href="mailto:sundarbanpolicedistrict@gmail.com">sundarbanpolicedistrict@gmail.com</a> <a href="mailto:spsundarbanpd@gmail.com">spsundarbanpd@gmail.com</a>	03210 – 255701	9051060603	9073696401
2	Shri. Rakesh Singh, IPS	ADDL. SUPERINTENDENT OF POLICE, (HQ), SPD	<a href="mailto:addlsphqspd@gmail.com">addlsphqspd@gmail.com</a>	03210 – 255704	8145100120	9073343501
3	Shri. Santosh Kr. Mandal, WBPS	ADDL. SUPERINTENDENT OF POLICE, (ZONAL), SPD	<a href="mailto:addlspzonalspd@gmail.com">addlspzonalspd@gmail.com</a>		9874788843	9073676282
4	Shri. Nouser Ali Khan, WBPS	DY. SP (ADMN), SPD	<a href="mailto:dyspadmspd@gmail.com">dyspadmspd@gmail.com</a>	03210 – 255706	9434526881	9073696402
5	Shri. Dipankar Sumar, WBPS	DY.SP (AP), SPD	<a href="mailto:dspapspd@gmail.com">dspapspd@gmail.com</a>		9674606277	

SI No.	Name	Designation	Email id	TEL. No.	Mobile Number	CUG Number
6	Shri Nandan Kumar Panigrahi, WBPS	DY. SP, DIB, SPD	<a href="mailto:spdibspd@gmail.com">spdibspd@gmail.com</a>	892790 6646	9830478257	9073676279
7	Shri Debasis Chattaraj, WBPS	DY. SP (DEB), SPD	<a href="mailto:spdebspd@gmail.com">spdebspd@gmail.com</a>		9832148616	
8	Shri. Prasenjit Banerjee, WBPS	SDPO, Kakdwip	<a href="mailto:sdpokakdwip@gmail.com">sdpokakdwip@gmail.com</a>	03210 - 256535	9836151370	9073343507
9	Shri. Dipanjan Chatterjee, WBPS	SDPO, SAGAR	<a href="mailto:sagarsdpo@gmail.com">sagarsdpo@gmail.com</a>	-	8001224718	
10	Shri. Shoubhik Patra, WBPS	SDPO, MANDIR BAZAR	<a href="mailto:sdpomandirbazar@gmail.com">sdpomandirbazar@gmail.com</a>	03174 - 277704	9748204351	9073389618
11	Shri. Ajoy Dey, WBPS	Dy. SP (Traffic), SPD	<a href="mailto:specialtrafficofficesspd@gmail.com">specialtrafficofficesspd@gmail.com</a>	03210 - 255715	7407282629	
12	Shri. Bijay Ghosh	RESERVE INSPECTOR, SPD	<a href="mailto:risundarban@gmail.com">risundarban@gmail.com</a>	03210 - 255706	9674608792	9073696403
13	Shri. Soumitra Kr. Mandal	CI Mandir Bazar	<a href="mailto:cimbroffice@gmail.com">cimbroffice@gmail.com</a>	03218 - 207037	9434540637 9830080637	9073343520
14	Shri Ashim Mazumdar	CI Pathar Pratima	<a href="mailto:cikakdwip@gmail.com">cikakdwip@gmail.com</a>		9433286224	9073343518
15	Shri Subankar Ghosh	CI Namkhana		03210- 255180		9073696210
16	Shri. Chandan Kusum Das	CI Sagar			9732884988	
17	Shri. Sangram Choudhury, DEO-I	Holding Additional Charge of In-Charge of Inspector, MPB, SPD			9073010332	
18	Shri Kajal Das	Court Inspector, Kakdwip Court			9433796399	
19	Shri. Bans Narayan Yadav Inspr. of Control Room	Hoding Additional Charge of In-Charge of Insp. of Police, DIB-I	<a href="mailto:spdibspd@gmail.com">spdibspd@gmail.com</a>		9674171378	
20	Shri Kajal Das Court Insp. Kakdwip Court	Hoding Additional Charge of In-Charge of Insp. of Police, DIB-II			9433796399	
21	Shri. Sangram Choudhury	DEO-I, SPD			9073010332	9073397423
22	Shri. Amitava Nandi	INSPECTOR, TELECOM.			9831961644	
23	Shri. Bans Narayan Yadav	INSPECTOR OF CONTROLROOM		03210 - 255703	9674171378	9073696406
24	Shri. Sangram Choudhury	Hoding Additional Charge of In-Charge of Inspector, DEO-II			9073010332	
25	Shri. Sanjay Biswas	Traffic Inspector, Kakdwip TG			6294763182 9674464917	
26	Shri. Alok Laskar	Inspector Traffic Control Room			9874097512	
27	Shri. Bijay Ghosh	Hoding Additional Charge of In-Charge of Sr. ADJ, HG (AP), SPD			9674608792	
28	Shri Ashim Mazumdar,	Hoding Additional Charge of IC Cyber	<a href="mailto:cybercrimepspd@gmail.com">cybercrimepspd@gmail.com</a>	03210 - 255716	9433286224	9073696206

SI No.	Name	Designation	Email id	TEL. No.	Mobile Number	CUG Number
	CI Pathar Pratima	Crime PS				
29	Inspr. Shri. Shibu Ghosh	IC KAKDWIP PS	<a href="mailto:pskakdwip@gmail.com">pskakdwip@gmail.com</a>	03210 - 255020	9836493192	9073343547
30	Inspr. Shri. Amiya Kumar Ghosh	IC RAIDIGHI PS	<a href="mailto:psraidighi@gmail.com">psraidighi@gmail.com</a>	03174 - 262426	9932046619	9073343554
31	Inspr. Shri. Debasish Sarkar	IC MANDIRBAZAR PS	<a href="mailto:lxmikanapur@gmail.com">lxmikanapur@gmail.com</a>	03174 - 260470	9073343549	9073343549
32	Insp. Shri Kaushik Nag	IC DHOLAHAT PS	<a href="mailto:psdholahat@gmail.com">psdholahat@gmail.com</a>	03174 - 232540	8016021582	9073343545
33	SI Biswajit Ghosh	OC Harwood Point Coastal PS	<a href="mailto:harwoodpointcoastalps@gmail.com">harwoodpointcoastalps@gmail.com</a>	03210 - 256998	9830070580	9073343557
34	SI Salil Kr. Mondal	OC MATHURAPUR PS	<a href="mailto:psmathurapur@gmail.com">psmathurapur@gmail.com</a>	03178 - 224501	9836391168	9073343538
35	SI Samaresh Ghosh	OC KULPI PS	<a href="mailto:kulpi100@gmail.com">kulpi100@gmail.com</a>	03174 - 266222	9874525306	9073343548
36	SI Bapi Roy	OC NAMKHANA PS	<a href="mailto:namkhanaps@gmail.com">namkhanaps@gmail.com</a>	03210 - 226200	9674744894	9073343553
37	SI Debasish Roy	OC SAGAR PS	<a href="mailto:psagar2015@gmail.com">psagar2015@gmail.com</a>	03210 - 242555	9836108137	9073343537
38	SI Sanjoy Kr. Dey	OC PATHAR PRATIMA PS	<a href="mailto:pspatharpratima@gmail.com">pspatharpratima@gmail.com</a>	03210 - 267329	9874940888	9073343533
39	SI Subhendu Ch. Das	OC FREZERGANJ COASTAL PS	<a href="mailto:frezerganjps@gmail.com">frezerganjps@gmail.com</a>	03210 - 255100	9051800803	9073343560
40	SI Ajoy Kumar Chanda	OC GOBARDHANPUR COASTAL PS	<a href="mailto:psgobardhanpurcoastal@gmail.com">psgobardhanpurcoastal@gmail.com</a>		7098409614 9836037550	9073343561
41	SI Tarun Kr. Roy	OC GANGA SAGAR COASTAL PS	<a href="mailto:ocgscoastal@gmail.com">ocgscoastal@gmail.com</a>		9874665691	9073343558
42	SI Subhasish Dutta	RO, SPD		03210 - 255705	9674390890	9073696404
43	SI Biswanath Sen	OC, WATCH	<a href="mailto:spdibspd@gmail.com">spdibspd@gmail.com</a>		9830765132	
44	SI Santanu Ghosh	OC, MTO			8697746166	9073696405
45	ASI Prabir Kr. Ball	OC, SOG	<a href="mailto:sogspd2017@gmail.com">sogspd2017@gmail.com</a>	03210 - 255713	8017481002	
46	ASI Nishanta Marick	OC, DCRB	<a href="mailto:dcrbspd17@gmail.com">dcrbspd17@gmail.com</a>	03210 - 255709	9734847727	
47	VACANT	OC MV Section	<a href="mailto:specialtrafficofficespd@gmail.com">specialtrafficofficespd@gmail.com</a>	03210 - 255715	8017927664	
48	Ar. SI Bimal Mondal	OC Kakdwip TG			9564038839	
49	SI (AB) Md. Jaharul Haque	OC Kulpi TG			8597614910 8609195952	
50	SI Sujit Bairagi	OC, Legal Cell			9679259815	
51	Ar. ASI Prithwish Dey Biswas	OC Trial Monitoring Cell			9836328804 7980080948	
52	SI Aniruddha Konar	RO, Welfare			9476342452	
53	SI Bipul Das	RO, Leave			9830118879	
54	SI Rash Bihary Maity	GRO, Kakdwip			9836396871	
55	SI Asim Dutta	GRO, Diamond Harbour			9830412269	
56	SI Tapan Pal	Reader to SP / RC-I			9775787078	9073676280
57	C/ 58 Avishek Sarkar	PA to SP, SPD			8436820503	



SI No.	Name	Designation	Email id	TEL. No.	Mobile Number	CUG Number
58	Ar. ASI Ripon Gayen	In-Charge, Jr. Adj, HQ			8348302004	
59	Ar. Dilip Barui	Mejor, SPD			9732567518	
60	LPSI Nurjahan Mallick OC Woment Cell	Holding Additional Charge of OC AHTU			7003923628	
61	LPSI Nurjahan Mallick	OC Women Cell			7003923628	
62	Dilip Halder	Head Clerk, Police Office			9903644043	
63	Santanu Halder	Accountant, Police Office			9123739986	

**Contact Details of  
P.W.D, P.H.E and I & W Dte.**

<b>Public Work Department (P.W.D)</b>			
Sl. No.	Designation	Address	Contact Details
1	Superintending Engineer, Eastern Circle, PWD	45, Ganesh Chandra Avenue, 4 <sup>th</sup> Floor, Kol-13.	Ph: 22158103/ 2368173 Fax: 22346162 Mobile: 9830178268 E-mail: seeeasterncircle@gmail.com
2	Superintending Engineer, Southern Circle, PWD	76, Dr. D. R Road, Lake Gardens, Kol-33.	Ph: 2422-0318, Fax: 24224018 Mobile: 9433028272 E-mail: sescpwd1@gmail.com
3	Executive Engineer-I, Alipore Division, PWD	Bhabani Bhaban New Building, 1st Floor, Alipore, Kolkata – 700 027	Ph: 2479-0130, Mobile: 9433301541 E-mail: exealipwd@yahoo.com
4	Executive Engineer-II, Alipore Division, PWD	Bhabani Bhaban New Building, 1st Floor, Alipore, Kolkata – 700 027	Ph: 2450-6007, 2479-0130 Mobile: E-mail: exealipwd@yahoo.com, hsnhai@yahoo.co.uk
5	Executive Engineer, Diamond Harbour Division, PWD	Kalpukurpara, PWD Compound, Diamond Harbour, Pin – 743 331	Mobile: 9433151580 E-mail: pwddhdiv@rediffmail.com, pwddhdiv@gmail.com
6	Executive Engineer, South 24-Parganas Highway Division, PWD (Roads)	Bhabani Bhaban, New Bldg., 6th Floor, Alipore, Kolkata – 700 027	Ph: 2439-8387, Fax: 2439-8387 Mobile: 9073363116 E-mail: ee24parganas@gmail.com
7	Executive Engineer, Diamond Harbour Highway Division, PWD (Roads)	Puratan Bazar, Dakshin Hazipur, Diamond Harbour, Pin – 743 331	Ph: 03174-255294, Mobile: 9874462649 E-mail: dhhdwn@yahoo.in
8	Executive Engineer, South Kolkata Health Electrical Division,	75, D.H Road, Kol-23.	Mobile: 9073363040/ 9733364409 E-mail: ee1sthkolhedpwd@wb.gov.in
9	Executive Engineer, Social Sector, South 24-Pgs. Division	76, Dr. Sundari Mohan Avenue, Kolkata-14	E-mail: ees24psspwd@gmail.com
10	Executive Engineer, Roads, South 24-Parganas Division	76, DR. DEODAR RAHMAN ROAD, 3 <sup>RD</sup> FLOOR, KOL-33	Telephone: 033-2422-0365/66 E-mail: eessdivn1@gmail.com
11	Chief Engineer, PWD, Electrical	Khadya Bhawan, A Block (3d Floor), 11A, Mirza Galib Street, Kolkata - 700087	Phone: 033-22524574 e-mail ID: ceelect1pwd@wb.gov.in, cewepwd@gmail.com

## Public Health Engineering (P.H.E)

Sl. No.	Designation	Address	Contact Details
1	Superintending Engineer, South 24-Parganas Water Supply Circle, PHE	CIT Super Market, West Side, 2nd Floor, 33 & 33/1, Chetla Central Road, Kolkata – 700 027	Ph: 2439-8013, Mob: 9432360367 E-mail: <a href="mailto:se_s24wsc@wbphed.gov.in">se_s24wsc@wbphed.gov.in</a> ee_s24d1@wbphed.gov.in
2	Executive Engineer, Alipore Division, Public Health Engineering Directorate	45, Ganesh Chandra Avenue, Kolkata – 700 013	Ph: 2236-5489, Fax: 2236-5489 Mobile: 9073906187 E-mail: ee_ali@wbphed.gov.in
3	Executive Engineer, South 24- Parganas Mechanical Division, Public Health Engineering Directorate	33 & 33/1, Chetla Central Road, 2nd Floor, Kolkata – 700 027	Ph: 2439-9763 ,Fax: 2448-4209 E-mail: ee_s24me@wbphed.gov.in
4	Executive Engineer, South 24- Parganas Water Supply Division-I, Public Health Engineering Directorate	33 & 33/1, Chetla Central Road, 2nd Floor, Kolkata – 700 027	Ph: 2439-8012, 2449-8223 Fax: 2448-4209, Mobile: 9836823344 E-mail: ee_s24d1@wbphed.gov.in, eeswd1phe@in.com
5	Asstt. Eng., Kakdwip Sub-Div. Public Health Engineering	Akshyaynagar, Kakdwip, South 24 Parganas	Ph: 03210-255640, Mobile :9433336632 E-mail: arunhalder3@gmail.com
6	Asstt. Eng., Raidighi Sub- Div.	Joynagar	Ph: 03218 220913 Mobile :9163920962 E-mail: somnathpaul83@gmail.com
7	Asstt. Eng., D/ Harbour Sub-Div.	Water Tank Para, Diamond Harbour, Pin-743331	Ph: 03174 256577 Mobile: 9433651873
8	Asstt. Eng., Alipore Sub-Div.		Ph: 2479 1743 Mobile 8902795402

## Irrigation & Waterways (I&W)

Sl. No.	Designation	Address	Contact Details
1	Superintending Engineer, I & W, Eastern circle	Eastern circle	Ph.- 033-22528289, Mob-9007341338 Mail: seeciwd2010@gmail.com
1	Executive Engineer, Canals Division, I&W	11A, Mirza Galib St., Kolkata – 700 087	Ph: 2252-1811 Mobile: Canal 1: <b>9748153043</b> Canal 2: 9433879282 E-mail: eecanalsiwd@yahoo.com, ee2canalsiwd@gmail.com
2	Executive Engineer, Joynagar Irrigation Division, I&W	11A, Mirza Galib St., Kolkata – 700 087	Ph: 2252-2887, Fax: 2252-8289 Mob: <b>9874863405</b> E-mail: eejirgnd@gmail.com, iwdeejid@gmail.com
3	Executive Engineer, Kakdwip Irrigation Division, I&W	Irrigation Colony Compound, Opposite SBI, Kakdwip	Ph: 03210-255122, Fax: 03210-257012 Mobile: <b>9831101505</b> E-mail: eekisd@gmail.com
4	Executive Engineer, Calcutta Drainage Outfall Division, I&W	Jalasampad Bhawan(6th floor), Salt Lake, Kolkata-700091	E-mail: eecdod@gmail.com

5	Executive Engineer, Magrahat Drainage Division, I&W	Jalasampad Bhavan, 2nd Floor, Salt Lake, Kolkata – 700 091	Ph: 2358-6035, Mobile: 9477066893 E-mail: executive.mograhat91@gmail.com
8	Executive Engineer, Suburban Drainage Division, I&W	Jalasampad Bhavan, 7th Floor, Salt Lake, Kolkata – 700 091	E-mail: eesddiw@gmail.com
9	Executive Engineer, Urban Drainage Division, I&W	Jalasampad Bhavan, 4th Floor, Salt Lake, Kolkata – 700 091	Ph: 2334-0019, Mobile: 8017089943 E-mail: eeuddiwd@yahoo.com

**Contact Details**

**Assistant Director of Fisheries, Marine ,Diamond Harbour and Association related to Marine Fishing  
Operation, South 24 Parganas**

**ADF Marine, Diamond Harbour: 9434942960**

**Email: [adfsouth24pgs1@gmail.com](mailto:adfsouth24pgs1@gmail.com); Phone & Fax No. : 03174-255236**

**STATEMENT SHOWING THE NODAL PERSON (s); ASSOCIATED WITH THE MARINE FISHING  
OPERATION ALONG THE COAST (s) OF THE SOUTH 24 PARGANAS &  
HOWRAH DISTRICTS.**

SI no.	Name of the Fishermen Association	Block	Secretary/ Chairman	Contact No.
1	Kakdwip Fisherman Association	Kakdwip	Tejen Das	9732546297
2	Dakshinbanga Matsyajibi Forum	Diamond Harbour	Milan Das	9800266065 7872407611
3	Sundarban Matsyajibi Sramik Union	Kakdwip	Satinath Patra	9434404260
4	Akshaynagar Sundarban Matsyajibi Samity	Kakdwip	Narayan Das	9732986657
5	Freserganj Fishermen Association	Namkhana	Sahadeb Mondal	9830513850
6	South Sundarban Fish Worker and Fishermen Association	Namkhana	Mojam Khan	9609350218
7	Sundarban Shibpur Dasmile Matsyajibi Welfare Samity	Namkhana	Madan Mondal	9933905176
8	Kaylaghata Fishermen Association	Namkhana	Himangsu Mondal	9734385404
9	Amarabati Fishermen Association	Namkhana	Abhimanya Debnath	9732978990
10	South Sundarban Fish Worker and Fishermen Association	Kultali	Joykrishna Halder	9732795510
11	South Sundarban Fish Worker and Fishermen Association	Roydighi	Habulal Kayal	9933088234
12	Sundarban Upakuliya Matsyajibi-O-Matsyachasi Sramik Karmachari Union	Kultali	Binay Das	7699972066
13	Sagar Samudrik Matsyajibi Samabay Samity	Sagar Radhakrishnapur	Abdar Ali Saha	9932097219
14	Sagar Sangam Marine Matsyajibi Khuti Samabay Samity Ltd.	Sagar	Abdar Mallick	9932428075
15	Diamond Harbour Maa Ganga Matsyajibi Kalyan Samity	Diamond Harbour	Nilratan Sarkar Arobinda Mondal	9547148441 9933659302
16	Akshaynagar Rani Rasmoni Matsyajibi Samabay Samity, kakdwip	Kakdwip	Samir Das	9734374460
17	Roydighi Fisherman owner's welfare Association	Mathurapur – II	Sajal Sahu	8436059563
18	Jharkhali Laskarpur Samudrik Matsyajibi Samabay Samity	Basanti	Sukumar Sikder	9733939849
19	Sundarban Samudrik Matsyajibi	Basanti	Noor Kalam Molla	9733927729
20	Chuprijhara Marine Matsyajibi Samabay Samiti Ltd.	Joynnagar -II	HUmayan Sk.	9732514610

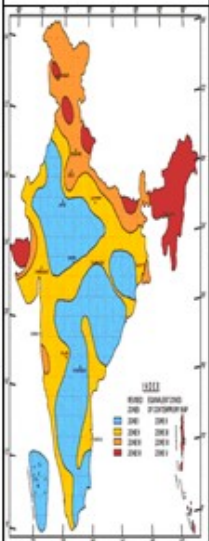
**List of Block wise GR Dealers with their  
contact details, South 24 Parganas**

Sl. No.	Name of GR Dealer	Block Name	Address with Land Phone No.	Mobile No.
1	Safed Ali Halder	Joynagar-II	Vill- Baishata, P.O.- Jouthia P.S.- Joynagar, PIN- 743338	9609201420
2	Emadul Haque Molla	Diamond Harbour-I	Vii: Mohanpur; Po Chandnagar, Diamond Harbour, South24 Pgs	9433300857
3	Sukummar Ghoshal	Bhangore-I	Bhangar Bazar, P.O. Bhangar, P.S. Bhangar	9333821639
4	A. Pal	Bhangore-I	Sanksahar Bazar, Bhangar, P.S. Bhangar	9733512139
5	Subrata Sardar	Bhangore-I	Tardaha Bazar, P.O. Tardaha, P.S. K.L.C.	9333709851
6	Abdul Hamid Sardar	Bhangore-I	Narayanpur, P.O. Paglarhat, P.S. Bhangar	9732811919
7	Nemai Ch. Naskar	Bhangore-I	Sundia Bazar, P.O. Chandaneswar, P.S. Bhangar	9830819740
8	Dasurathi Paul	Bhangore-I	Chandaneswar Bazar, P.O. Chandaneswar	
9	Uttam Biswas	Bhangore-I	Bodra Bazar, P.O. Bodra, P.S. Bhangar	9732975935
10	Swapan Pal	Bhangore-I	Garanberia, P.O. Narayanpur, P.S. Bhangar	9800459500
11	Abu Morsed Molla	Bhangore-I	Sondalia Bazar, P.O. Bodra, P.S. Bhangar	9735647174
12	Sahabuddin Molla	Falta	Banganagar – I	9830899431
13	Kartik Chandra Kar	Falta	Banganagar – II	9432886013
14	Asit Kumar Pramanik	Falta	Belsingha – I	9474192479
15	Asim Kumar Pal	Falta	Belsingha – II	9474577007
16	Joydeb Ghosh	Falta	Chaluary	9647015177
17	Kamala Haldar	Falta	Debipur	9800006996
18	Amal Kumar Mandal	Falta	Falta	9647142132
19	Balaram Sarkar	Falta	Fatepur	9933821110
20	Ajehar Ali Sekh	Falta	Gopalpur	9732545235
21	Angurbala Roy	Falta	Harindanga – I	9775121037
22	Angurbala Roy	Falta	Harindanga – II	9775121037
23	Mrityunjay Mandal	Falta	Mallikpur	9609389711
24	Swapan Kumar Das	Falta	Noapukuria	9874129128

25	Shri Arjun Mondal	Kultali	Vill+P.O.-Kaorakhali,P.S.- Kultali, Pin- 743338, Dist.- South 24 Parganas.	8145157165
26	Mahadev Mandal	Namkhana	Budhakhali	9609385023
27	Nitai Charan Das	Namkhana	Narayanpur	9933094257
28	Nanda Dulal Samanta	Namkhana	Namkhana	8145088653
29	Shyamal Kumar Koyal	Namkhana	Haripur	9732411755
30	Pradip Bera	Namkhana	Shibrampur	9732880386
31	Biraj Kola	Namkhana	Fresergunj	9732575712
32	Manotosh Rana	Namkhana	Mousuni	9002005870
33	M/S. Anath Taran Mondal Prop: Ramkrishna Mondal	Magrahat-I	Vill+P.O.+P.S.-Usthi, South 24 Parganas, Pin-743375 & Phone No.: 03174-250195	9735188906
34	Magrahat-I Large Size Co-Operative Marketing Society Ltd. Manager: Md Faridul Islam	Magrahat-I	Vill+P.O.+P.S.-Usthi, South 24 Parganas, Pin-743375 & Phone No.: 03174-250106	9932120770
35	Abdul Salam Laskar	Mandirbazar	Gorijola, Mandirbazar, South 24 Parganas	9635342526
36	Shyamal Chakraborty	Mandirbazar	South Bishnupur, Mandirbazar, South 24 Parganas	9732548405
37	Pranabendu Gayen	Mandirbazar	Pukuria, Mandirbazar, South 24 Parganas	9732514619
38	Gangadhar Sarkar	Mandirbazar	Chaughari, Mandirbazar	9733612314
39	Madan Sarkar	Mandirbazar	Bidyadharpur, Mandirbazar, South 24 Parganas	9732926381
40	Gokul Purkait	Mandirbazar	Dayarampur, Mandirbazar, South 24 Parganas	9732426506
41	Sankar Gayen	Mandirbazar	Bijaygunj Bazar, Mandirbazar, South 24 Parganas	9932226399
42	Ajibar Rahaman Sardar	Bishnupur-I		9748465651
43	Associate Supply Agency	Bishnupur-II		2470-9334, 2480-9245, 9831175235 (Yakub)
44	Sailendranath Sarkar	Budge Budge-I		2470-5614, 9830480589
45	Union Farmers Co-opt	Budge Budge-II		2470-0230
46	Sushanta Kumar Patra	T/ Maheshtala		9903276938
47	D.K Enterprise	Maheshtala Municipality		9748777196
48	Sailendranath Sarkar	Budge Budge Municipality		2470-5614, 9830480589
49	Sailendranath Sarkar	Pujali Municipality		2470-5614, 9830480589
50	Sk Majed, Ghoramara	Sagar	Ghoramara Mud Point	7797461343
51	kanailal Mal, M.G-I	Sagar	Bamankhali	9933964117
52	bhantu Maity, M.G-II	Sagar	Mandirtala	9732504249

53	Prafulla Khatua, D.S-I	Sagar	Sumatinagar	8145385784
54	Prafulla Khatua, D.S-II	Sagar	Gobindapur	8145385784
55	Pravanjan Mondal, Ramkarchar	Sagar	Harinbari	9434614887
56	Dhirendranath Bej,Rudranagar	Sagar	Manasadwip	9635400921
57	Tapan Bera, Gangasagar	Sagar	Surjabinda, Gangasagar	9475043816
58	Nilkantha Bhunia, Dhablat	Sagar	Chemaguri	9564713390
59	M/S Sree Traders	Sonarpur	Nayabad, Kheadah-I G.P.	9830407458
60	Ratan Chandra Pal	Canning-I	Matla-I	9733555951
61	Golam Hossein Shaik	Canning-II	Parganti	9732581430
62	Hasanulla Laskar	Canning-II	Makhaltala	983619471
63	Dulal Chandra Saha	Basanti	Nafargunje	9732159471
64	Chharuddin laskar	Basanti	Kanthalberia	9732520105
65	Prasanta Mondal	Gosaba	Gosaba	9732857507
66	Sree Trader,	Baruipur	Puratan Bazar, Baruipur	9836559437
67	Kazi Usman Ali	Bhangore-II	Jangalia, 91 Bus Stand	9775608045
68	Susmita Ghosh (Sen)	Joynagar-I	Baharu	9733887447
69	Amit Kr. Bhakat	Kakdwip	Vidyamaga, Kakdwip	02310-255086, 9434075086
70	Parotosh Sahoo	Patharpratima	Ramganga	9732876390

### Vulnerability assessment for the Disaster Management Plan-2023

NAME OF BLOCK	IF PRONE TO FLOOD, MENTION NO. OF PEOPLE IN VULNERABLE ZONE	IF VULNERABLE TO CYCLONE, MENTION NO. OF PEOPLE LIKELY TO BE AFFECTED IN CASE OF CYCLONE	IF VULNERABLE TO TSUNAMI, MENTION NO. OF PEOPLE LIKELY TO BE AFFECTED IN CASE OF TSUNAMI	IF VULNERABLE TO LANDSLIDE, MENTION NO. OF PEOPLE LIKELY TO BE AFFECTED IN CASE OF LANDSLIDE	IF VULNERABLE TO CHEMICAL/INDUSTRIAL DISASTER, MENTION NO. OF PEOPLE LIKELY TO BE AFFECTED	PEOPLE LIKELY TO BE AFFECTED BY OTHER DISASTER, IF ANY. (MENTION DISASTER & NO. OF PEOPLE	TOTAL NO. OF PEOPLE GIVEN IN COLUMNS 2 TO 7	EARTHQUAKE VULNERABILITY ZONE	PRIORITY RANKING AS PER VULNERABILITY TO MULTIPLE DISASTERS.
CANNING-II	97000 (APPROX)	76000 (APPROX)	NA	NA	36500 (APPROX) AT NARAYANPUR GP ALONE AS THERE ARE MANY <b>HANDGLOVES FACTORIES</b> AROUND WHERE POLLUTANTS & CHEMICAL WASTE MAY REMAIN IN SOME PARTS SPECIALLY MAY POLLUTE SURROUNDING DRINKING WATER	NA	97000 (FLOOD OR CYCLONE WHERE NO. OF PEOPLE VULNERABLE TO CYCLONE ARE COMMON IN NO. OF PEOPLE VULNERABLE TO FLOOD) + 28500 (VULNERABLE TO CHEMICAL DISASTER ALONE) = <b>125500</b>	<p style="text-align: center;">ZONE-III</p> 	1. FLOOD 2. CYCLONE 3. CHEMICAL DISASTER



## Sealdah GRP District

### **Concise Standard Operating Procedure (SOP) of the First Respondent i.e. Sealdah GRP District for Mitigating Disaster/ natural Calamities/Terror Attack Ect.**

Government Railway Police being the state law enforcement agency is the first respondent within the jurisdiction of Sealdah GRP District for any disaster/natural calamities/terror attack upon railway system including passenger terminal/stations.

The following Concise Standard Operating Procedure (SOP) is hereby formed for quick and proper response with view to mitigate any eventuality as stated above:-

- (1) If any incident of major fire, earthquake related disaster, any other unforeseen natural calamities, terror attack, bomb explosion etc. Takes place and such **information reach at the GRPS or GRPP, the In-charge of GRPS/GRPP shall without any delay inform the matter to Control Room** of this unit.
- (2) The shift In-charge of the **Control Room shall forthwith disseminate the information** to SRP Sealdah, all DSRPs, all IRPs, all OCs/ICs, RI, MTO, OC Clothing, OC Dog Squad, OC BDS and OC BDDS CIDSealdah unit.
- (3) Shift In-charge also inform Control Room of the concerned (where the incident happened) District Police/Control Room of Commissonarate including Lalbazar Control Room.
- (4) Similarly, the Shift In-charge of the Control Room shall inform Control Room of Integrated HQ Railway Police and DG&IGP Control Room, Nabanna.
- (5) The Shift In-charge also inform Security Control of RPF and if required nearest Fire Brigade Control Room as well as Control Room of West Bengal Fire & Emergency Services at Free School Street.
- (6) The concerned **OC/IC shall rush to the spot** with maximum available officers and force for shifting of injured, if any, cordoning the P.O. at a safer distance by placing officers and force and cordoning tape. If any suspected terrorist(s) is/are hold up in the spot, the area should be so secured that they are prevented from escape.
- (7) **DSRP In-charge of Control Room shall forthwith arrive at the Control Room** and take charge of the Control Room for proper co-ordination with different agencies and flow of information, report generation etc.
- (8) If **reinforcement** is required, **RI and DSRP In-charge of the District Control Room shall mobilise** the officers and force from nearby GRPS/ERF Line/HQ.
- (9) The **DSRP In-charge of Control Room shall co-ordinate** with concerned **District Control Room and DGP CR** Nabanna for ensuring immediate reinforcement from the nearest district with the help of DGPCR Nabanna.
- (10) Concerned IRPs and Zonal DSRPs shall arrive at the PO forthwith, take command of the situation and keep close contact with the District Control Room.

- (11) Responsibility of IRPs and Zonal DSRPs are mainly to cordon the area to prevent curious mob infiltrating into the P.O. so that the P.O. properly preserved for investigation purpose. Members of media shall be kept at a safer distance.
- (12) If required the Zonal DSRPs shall request the help of FSL scientists for collection of scientific evidence.
- (13) OCs/ICs shall take maximum video footages/still images of the operation for future analysis.
- (14) If presence of OC BDDS/OC BDS/OC DS are required, Control Room shall direct them accordingly.
- (15) In case of **terror attack at major Railway Station** like Sealdah, Kolkata, Ballygunge, Dum Dum etc., which falls under territorial jurisdiction of Commissioner of Police, Kolkata, DSRP In-charge of the **Control Room shall seek assistance from Lalbazar Control Room through DGPCR, Nabanna.**
- (16) In case of jurisdiction beyond territorial jurisdiction of Kolkata Police, DGP CR Nabanna to be requested for rushing of specialized trained contingent either from Battalions or from CIF WB.
- (17) In the event of entrapment of victims under collapsed buildings/train compartments etc, help of DMG from seek from DGP CR Nabanna for search and rescue operation.
- (18) If **immediate medical** attention of injured persons are required, **Control Room shall inform the nearest** Sub Divisional/District **Hospital**/Major Hospitals at Kolkata viz, Nilratan Sarkar Medical College & Hospital, National Medical College & Hospital, R.G. Kar Medical College & Hospital, SSKM Medical College & Hospital, M. R. Bagur Hospital (Tollygunge).
- (19) If **immediate shifting of injured** persons is required, **request shall be placed before OC, Control Room, Lalbazar in consultation with DGP CR, Nabanna** for placement of ambulances of Kolkata Police as well as ambulance of KMC and the above mentioned major Hospitals at Kolkata.
- (20) In similar situation beyond territorial jurisdiction of Kolkata Police, DSRP In-charge of Control Room shall seek help from concerned District Police Control Room for deputing ambulances from the nearest Government Hospitals and other sources through Control Room of concerned District Magistrate or CMOH concerned.



Sl. No.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisonarate SDPO with Phone No.	Name of the District/Commisonarate with control Room Phone No.	Neme of the nearest Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
	033-25581625	mob. No. 9674482097 (M)  Barrackpore GRPP In-charge mob. No. 9732619796 (M)	653 (M) 8777690772 (M)  033-25568726/29855349 (O) (Extn-205)  IRP Dumdum (PI-I) 9073343668 (M) 033-23527573 (O)	Khardah P.S. 033-25532859	DC Zone-II 033-25234999	arate Control room Ph.No. 033-25932647/033-25455030	033-22827810  Dumdum Municipality Hospital Ph. No.033-25471319  Sagar Dutta Hospital Ph. No. 033-25834279	Ph.No. 033-28720079  Barrackpore Fire Service Ph.No. 033-25921185
				Belgharia P.S. 033-25531717				
				Barahanagar P.S. 033-25319388				
				Dumdum P.S. 033-25514167				
				Lake Town P.S. 033-25344402	DCP Bidhanagar 033-23194406	Bidhanagar Police Commissionarate Control room Ph.No. 033-23258588/033-23358788	Subrata Dutta Panihati Hospital Ph.No. 033-25657150  B.N. Bose Hospital (B.K.P) Ph.No. 033-25920778	Baranagar Fire Service Ph.No. 033-25102102
				Sinthee P.S. 033-25300853				
				Chitpur P.S. 033-25566141				
				Ultadanga P.S. 033-23566264	DC North 033-23606405	Lal Bazar Control room Ph.No. 033-22143024/033-22143233		
					DC ESD 033-23633835			
				3	Chitpur GRPS		Dy.SRP (HQ) 9073343653 (M) 8777690772 (M) 033-25568726/29855349 (O) (Extn-205)  IRP Dumdum (PI-I) 9073343668 (M) 033-23527573 (O)	Sinthee P.S. 033-25300853
Cossipore P.S. 033-25566434								
Chitpur P.S. 033-25566141								
Tala P.S. 033-25464901								
Shyampukur P.S. 033-25557585								
Jorabagan P.S. 033-22184094/033-22700100								
Barabazar P.S. 033-22687554/0	DC Central 033-22285209							

Sl. No.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisnate SDPO with Phone No.	Name of the District/Commissionerate with control Room Phone No.	Name of the nearest Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
				33-22680100 Posta P.S. 033-22595606/0 33-22591100 Hare Street P.S. 033-22150100/0 33-22118760 Ultadanga P.S. 033-23566264 South Port P.S. 033-24094100/0 33-24099345 Ekbalpur P.S. 033-24099100/0 33-24492135 Wattgunj P.S. 033-24593298/0 33-24099356	DC ESD 033-23633835 DC Port 033-24093118			
4	Naihati GRPS 033-25814398	Icchapur GRPP In-charge mob. No. 8145283815 (M) Kankinara GRPP In-charge mob. No. 9674567293 (M) Kanchrapara GRPP In-charge mob. No. 9434450608 (M)	Dy.SRP (RHG) 6291693335 (M) 9434986332 (M) 033-25568726/29855349(O) (Extn-206)	Barrackpore P.S. 033-25920023 Noapara P.S. 033-25615017 Jagaddal P.S. 033-25812980 Naihati P.S. 033-25812389 Bizpur P.S. 033-25859100	ACP-II B.k.pore 033-25920092 ACP-I B.k.pore 033-25880093	Barrackpore Police Commissionerate Control room Ph.No. 033-25932647/033-25455030	Naihati State General Hospital Ph.No. 033-25812933 Bizpur General Hospital (Golghar) Ph.No. 033-25800513 (Under Jadaddal P.S.) Kanchrapara Railway Hospital Ph.No. 033-5873961/ 5873960	Naihati Hazinagar Fire Service Ph.No. 033-25889101 (Under Naihati P.S.) Kankinara Fire Service Ph.No. 033-25812722 (Under Jadaddal P.S.) Kanchrapara Fire Service Ph.No. 033-



Sl . N o.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisonarate SDPO with Phone No.	Name of the District/Commisonarate with control Room Phone No.	Neme of the nearerst Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
			03472-223455	Nakashipara P.S. 03472-255351 Kaliganj P.S. 03472-260313				
7	Berhampore Court GRPS 03482-251420	Krishnapur GRPP In-charge mob. No. 973233737 7 (M)  Beldanga GRPP In-charge mob. No. 983621011 2 (M)	Dy.SRP (RHG) 6291693 335 (M) 9434986 332 (M)  033-2556872 6/ 2985534 9(O) (Extn-206)  IRP (RHG) 03472-223455	Lalgola P.S. 03482-274244 Bhagowango la P.S. 03482-259224 Jiaganj P.S. 03482-255224 Murshidabad P.S. 03482-270221 Berhampore P.S. 03482-251145 Beldanga P.S. 03482-264100 Rejinagar P.S. 03482-241239 Kaliganj P.S. 03474-260313	SDPO Lalbag 03482-270233  Dy.SP(HQ) 03482-259042  Dy.SP (D&T) 03482-259042  Dy.SP (D&T) 03472-252874	Murshidabad District Police Control room Ph.No. 03482-250511/ 9083269255 (M)  Nadia District Police Control room Ph.No. 03472-253154/ 9083269149 (M)	Berhampore State General Hospital & Medical Collage Ph.No. 03482-252332  Krishnapur Hospital Ph.No.03483-274230  Jiyaganj Rural Hospital Ph.No. 03483-255257  Beldanga Rural Hospital Ph.No. 03482-264102  Bhagoban Golaa Medical Center Ph.No. 03483-259347	Berheampur Fire Service Station Ph.No. 03482-271001/ 271101
8	Barasat GRPS 033-25622427	Hasnabad GRPP In-charge mob. No. 973225614 1(M)  Bashirhat GRPP In-charge mob. No. 973389355 9 (M)	Dy.SRP (GEDE) 9830131 349 (M)  033-2556872 6/ 2985534 9 (O) (Extn-210)  IRP (BST) (MPB)	Hasnabad P.S. 03217-234480 Bashirhat P.S. 03217-268334 Swarupnagar P.S. 03217-253419 Baduria P.S. 03217-238454	SDPO Bashirhat 03217-265333	Bashirhat Police District Control room 03217-264666/265345/ 8250109696 (M)	Barasat District Hospital Ph.No. 033-25523228  Madhyamgram Rural Hospital Ph.No.033-25383714/1520  Bashirhat Hospital Ph.No.03217-	Barasat Fire Service Ph.No. 033-2542344 4  New Barrackpore Fire Service



Sl. No.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisonarate SDPO with Phone No.	Name of the District/Commisonarate with control Room Phone No.	Neme of the nearest Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.	
		Bisharpore GRPP In-charge mob. No. 8617704128 (M)	9434242563 (M) 9733638586 (M) 033-25843105 (O)	Haroa P.S. 03217-248226	SDPO Minakha 9433659134/ 7001372736	Barasat Police District Control room 033-25240042/ 9073397698 (M)	265444	Ph.No.033-25376000  Basirhat Fire Service Ph.No. 03217-265319	
				Deganga P.S. 03216-242235	SDPO (BST) 033-25523361				
				Shasan P.S. 03216-258004					
				Duttapukur P.S. 033-25364089					
				Barasat P.S. 033-25523543					
				Madhyamgram P.S. 033-25383294					
				New Barrackpur P.S. 033-25375777					DCP Zone-II 033-25234999
Nimta P.S. 033-25393536									
9	Bongan GRPS 03215-255004	Habra GRPP In-charge mob. No. 7872980812 (M)  I/C Petrapol 9474038058 (M)	Dy.SRP (GEDE) 9830131349 (M)  033-25568726/ 29855349 (O) (Extn-210)  IRP (BST) (MPB) 9434242563 (M) 9733638586 (M) 033-25843105 (O)	Duttapukur P.S. 033-25364089	SDPO (BST) 033-25523361	Barasat Police District Control room 033-25240042/ 9073397698 (M)	Dr.JR Dhar Hospital 03215-255073	Bongaon Fire Service Station 03215-256901	
				Ashoknagar P.S. 03216-221290					
				Habra P.S. 03216-237102					
				Gaighata P.S. 03215-252223	SDPO Bongan 03215-255002				
				Bongaon P.S. 03215-255874					
				Gopalnagar P.S. 03215-260232					
				Gangnapur P.S. 03473-268101	SDPO Ranaghat 03473-210024				Nadia District Police Control room Ph.No. 03472-253154
				Ranaght P.S. 03473-210022					

Sl . N o.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisonarate SDPO with Phone No.	Name of the District/Commisonarate with control Room Phone No.	Neme of the nearerst Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
						9083269149 (M)		
10	Ballyganj GRPS 033-2441-5735		Dy.SRP (DEB) 8926952 575 (M) 9073344 271 (M)  033-2556872 6/ 2985534 9 (O) (Extn-217)  IRP (SPR) 8585897 074 (M) 033-2350394 8 (O)	Topsia P.S. 033-22814268 Baniapukur P.S. 033-22844770 Tiljala P.S. 033-23434693 Gariahat P.S. 033-24863702 Rabindrasarabaur P.S. 033-24630030/ 033-24630031 Lake P.S. 033-24292353 Kareya P.S. 033-22871715 Kasba P.S. 033-24420164 Charu Market P.S. 033-24249900 Alipur P.S. 033-24791021 033-24080100 New Alipur P.S. 033-24002943 Tara Tala P.S. 033-24011881 Rabindra Nagar P.S. 033-24914337 Maheshtala P.S. 033-24906437 Budge Budge P.S. 033-24821215	DC SED 033-22904664/ 033-22904660  DC South SED 033-22904660  DC SSD 033-24997404  DC South 033-22814000/ 033-24249900/ 033-22837057  DC Behala 033-24994702  Dy.SP Industrial 033-24909186	Lal Bazar Control room Ph.No. 033-22143024/ 033-22143233  Diamond Harbour Police District Control room Ph.No. 033-24978465/ 9073925319 (M)	Chityaranjan Medical Collage & Hospital Ph.No. 033-22897122  Budge Budge Matri sadan Hospital Ph.No. 033-24800929  Mahestala ESI Hospital Ph.No. 033-24803906  P.C.Poddar Hospital New Alipore Ph.No. 033-24458901  Amri Hospital Dhakuria Ph.No. 033-24612626/ 66260000  Asia Medical Institute Ph.No.033-40012200	Gariahat Fire Service Station Ph.No.033-24642841  Budge Budge Fire Station Ph.No. 033-24701271  Kalighat Fire Station Ph.No.033-24544527
11	Jadavpore GRPS 033-		Dy.SRP (DEB) 8926952	Jadavpur P.S. 033-	DC SSD JDV 033-	Lal BazarControl room Ph.No.	Baghajatin State General Hospital 033-24122593	Patuli Fire Service

Sl. No.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ACP of Commisonarate SDPO with Phone No.	Name of the District/Commisonarate with control Room Phone No.	Neme of the nearest Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
	24138370		575 (M) 9073344 271 (M)  033- 2556872 6/ 2985534 9 (O) (Extn- 217)  IRP (SPR) 8585897 074 (M) 033- 2350394 8 (O)	24730146  Survey Park P.S. 033- 24165686  Garfa P.S. 033- 24186949  Patuli P.S. 033- 24625195  Narendrapur P.S. 033- 24435000  Panchasayar P.S. 033- 24326001 033- 24326011	24994711     DC East 033- 24433031   DC ED 033- 24433031	033- 22143024/ 033- 22143233	K.P.C Hospital 033-40449700	Station 033- 2436068 5
12	Sonarpur GRPS 033- 24341682	Canning GRPP In-charge mob. No. 700191421 9 (M)	Dy.SRP (DEB) 8926952 575 (M) 9073344 271 (M) 033- 2556872 6/ 2985534 9 (O) (Extn- 217)  IRP (SPR) 8585897 074 (M) 033- 2350394 8 (O)	Sonarpur P.S. 033- 24349296  Baruipur P.S. 033- 24338222  Jibantala P.S. 03218- 265100  Canning P.S. 03218- 255221	Dy.SP Crime 907334351 1  SDPO Baruipur 033- 24332829   SDPO Canning 907334350 5	Baruipur Police District Control room Ph.No. 033- 24330083/ 9073343655 (M)	Sonarpur Subhashgram Rural Hospital Ph.No. 033- 24271339	Baruipur Fire Service Ph.No. 033- 2433255 5
13	Baruipur GRPS 033- 24338731		Dy.SRP (DEB) 8926952 575 (M) 9073344 271 (M) 033- 2556872 6/ 2985534 9 (O) (Extn- 217)  IRP (SPR) 8585897 074 (M) 033- 2350394 8 (O)	Baruipur P.S. 033- 24338222  Joynagar P.S. 03218- 220203  Mandir Bazar P.S. 03174- 260470  Mathurapur P.S. 03218- 224501  Kulpi P.S. 03174- 266222	SDPO Baruipur 033- 24332829  SDPO Canning 907334350 5   Dy.SP Mandir Bazar 031742777 04	Baruipur Police District Control room Ph.No. 033- 24330083/ 9073343655 (M)  Sundarbon Police District Control room Ph.No. 0321025570 3/ 9073696406	Baruipur Dist. Hospital Ph.No. 033- 24335303	Baruipur Fire Service Ph.No. 033- 2433255 5

Sl . No.	Name of the GRPS's with phone No.	Name of GRPP's with Phone No.	Under Dy.SRP/IRP with Phone No.	Name of the adjacent PS with Phone No.	Under DC of K.P./ ACP of Commisonarate SDPO with Phone No.	Name of the District/ Commisonarate with control Room Phone No.	Neme of the nearerst Hospital with Phone No.	Name of the nearest Fire brigade Station with Phone No.
				Kakdwip P.S. 03210-255020 Frezargunj Costal P.S. 03210-225100	SDPO Kakdwip 03210256535			
14	Diamond Harbour GRPS 03174-258919		Dy.SRP (DEB) 8926952575 (M) 9073344271 (M) 033-25568726/ 29855349 (O) (Extn-217)  IRP (SPR) 8585897074 (M) 033-23503948 (O)	Diamond Harbour P.S. 03174-255223 Usthi P.S. 03174-250203 Magrahat P.S. 03174-252244  Baruipur P.S. 033-24338222	SDPO (DDH) 03174-255221  SDPO Baruipur 033-24332829	Diamond Harbour Police District Control room Ph.No. 033-24978465/ 9073925319 (M)  Baruipur Police District Control room Ph.No. 033-24330083/ 9073343655 (M)	Diamond Harbour Dist. Hospital Ph.No. 03174-255237/ 03174-257291	Diamond Harbour Fire Sercice Ph.No. 03174-258900

## Evacuation Plan for Tsunami/Cyclone of South 24 Parganas District

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
1	Canning-I	Garkhali	1503	Garkhali Deshkalyan Junior High School	
2	Canning-I	Dakshin Redokhali	2445	Itkhola Rajnarayan High School	
3	Canning-I	Budhkhal	8911	1. Uttar Budhakhali FP School 2. Mahatmaji FP School	
4	Canning-I	Golabari	4895	1. Itkhola Rajnarayan High School 2. Madhukhali FP School	
5	Canning-I	Modhukhali	5547	Madhukhali FP School	
6	Canning-I	Kripakhali	613	Kripakhali FP School	
7	Canning-I	Badhukula	3543	1. Badhukula FP School 2. Badhukula Ssk	
8	Canning-I	Herobhanga	7344	Kacharipara FP School	
9	Canning-I	Karakati	2428	1. Raibaghini High School 2. Korakati J.B.School	
10	Canning-I	Matla	31833	Canning Dwarikanath High School	
11	Canning-I	Dighirpar	15862	Raibaghini High School	
12	Canning-I	Nikarighata	3417	1. Korakati Nimnabuniyadi FP School 2. Nikarighata Sarada Ssk	
13	Canning-I	Hinchakhali	3107	Hinchakhali FP School	
14	Canning-I	Paranikheko	2166	Paranikheko FP School	
15	Canning-I	Banibadabelekhali	4935	1. Banibadabelekhali FP School 2. Belekhali FP School	
16	Canning-I	Dabu	3039	1. Dabu FP School	
17	Canning-II	Atharobanki	11000	Atharobanki G.P Office	
18	Canning-II	Gabbuni	8000	Motherdighi Atharobanki Siddikia High Madrasha	
19	Canning-II	Daharani	12000		
20	Canning-II	Hedia Bad	4000	Atharobanki G.P Office	
21	Canning-II	Kalugachi	5000	Deuli-I G.P. Office	
22	Canning-II	Parkalugachi	2000		
23	Canning-II	Mallikati	6000		
24	Canning-II	Chandibari	5000	Deuli-I Community Hall	
25	Canning-II	Chunaghata	3000		
26	Canning-II	Gheekhali	3000		
27	Canning-II	Gutri	3000	Deuli-II Community Hall	
28	Canning-II	Deuli	3000		
29	Canning-II	Joykhali	1200		
30	Canning-II	Kayemkhan	1500		
31	Canning-II	Hatiamari	3000		

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
32	Canning-II	Ganti	2000		
33	Canning-II	Madankhali	3000	Ganti Jagannat Smriti Vidyaniketan	
34	Canning-II	Balidaghata	1500		
35	Canning-II	Bamuniya	2000		
36	Canning-II	Mukharjeepara	2000		
37	Canning-II	Kalikatala	16000		Kalikatala Seva Sadan
38	Canning-II	Jogendranagar	15000	Motherdighi High School	
39	Canning-II	Jogendranagar			
40	Canning-II	Motherdighi	15000		
41	Canning-II	Narayanpur	10000	Dohaghata F.P School	
42	Canning-II	Makhaltala	15000		
43	Canning-II	Banamalipur	8000		
44	Canning-II	Srinagar	3500		
45	Canning-II	Sarengabad	15000		Howaramari High School
46	Canning-II	Jibantala	2500		
47	Canning-II	Jhorormore	5000	Sarengabad G.P Office	
48	Canning-II	Behulabari			
49	Canning-II	Khagra	3000		
50	Canning-II	Jalghata	1500	Bagmari Janata High School	
51	Canning-II	Bibirabad	4500		
52	Canning-II	Kaparpuri	3000		
53	Canning-II	Patikhali	9000		
54	Canning-II	Chelikati	2000		
55	Canning-II	Chunpuri	500		
56	Canning-II	Moukhali	8000	Moukhali Cyclone	
57	Canning-II	Khunkhali	1500		
58	Canning-II	Kalurkhoj	500	Homra Palta High School	
59	Canning-II	Homrapalta	6500		
60	Canning-II	Nagartala	10500	Gobindanagar F.P School	
61	Canning-II	Changdona	3000		
62	Basanti	Godkhali	897	Hiranmoypur F.P. School	
63	Basanti	Purba Gadkhali	1179	Ramgopalpur SSK	
64	Basanti	Harekrishnapur	1056	Harekrishnapur CsFP School	
65	Basanti	Radharanipur	1277	19 No. Radharanipur FP School	
66	Basanti	Hiranmaypur	845	Purba Hiranmoypur FP School	
67	Basanti	Birinhibari	1425	Surendranath Balika Vidyalaya	
68	Basanti	Nafarganj	1130	5 No. Nafargunj Jr. High School	
69	Basanti	Thakurghari Para	1955	Birinhibari F.P. School	
70	Basanti	Herobhanga	910	Jharkhali 4 No. Gfsp	
71	Basanti	Parbatipur	1312	Parbatipur SSK	

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72	Basanti	Herobhanga(Tridibnagar)	1837	Tridibnagar Janakalyan Jr. High School	
73	Basanti	Anandabad	1848	Anandabad FP School	
74	Basanti	Bharatgarh	1286	3 No. Garanbose FP School	
75	Basanti	Radhaballavpur	885	St. Xaviers High School	
76	Basanti	Purandar	934	Purandar FP School	
77	Basanti	Basanti	511	Basanti High School Mpcs	
78	Basanti	Sonakhali	1261	Sonakhali High School	
79	Basanti	Itavati	2470	Sk Para FP School	
80	Basanti	Hogolduri	2255	Hogolduri FP School	
81	Basanti	Ramchandrakhali	1371	R.C. Khali Narendra Shiksha Niketan	
82	Basanti	Kalahazra	1565	Kalahazra High School	
83	Basanti	Chharanekhali	1980	Chharanekhali MSK	
84	Basanti	Naliakhali	1078	Naliakhali FP School	
85	Basanti	Uttar Sonakhali	1788	Uttar Sonakhali FP School	
86	Basanti	Harbhangi	1914	Harbhangi Baptist Misstion FP School	
87	Basanti	Nebukhali	1538	Sarkarpara FP School	
88	Basanti	Chunakhali	1430	Chunakhali Hatkhola Upper Primary School	
89	Basanti	Bagulakhali	1948	Janapara FP School	
90	Basanti	Purba Bayarsing	1007	Purba Bayarsing Upper Primary School	
91	Basanti	Sachyakhali	2155	Kotrakhali FP School	
92	Basanti	Bhangankhali	1499	Bhangankhali FP School	
93	Basanti	Kanthalberia	990	Kheria Siddikia Sr. High Madrasa	
94	Basanti	Charavidya	1080	Sree Sree Ramkrishna Siksha Niketan	
95	Basanti	Kumrokhali	1627	Kumrokhali Kedarnath Vidyapith	
96	Gosaba	Mathurakhanda	750	Akshay Ch. Vidyapith	
97	Gosaba	Mathurakhanda	500	Shyamal Pally Adibasi Pry. School	
98	Gosaba	Amlamethi	500	Dighirpar F.P.	
99	Gosaba	Amlamethi	1500	Satynarayanpur S.B. High School	
100	Gosaba	Amlamethi	500	Halderpara Majherpara F.P.	
101	Gosaba	Amlamethi	1000	Satynarayanpur Asit Baran. High School	
102	Gosaba	Amlamethi	500	Jagannath Smriti Pry School	
103	Gosaba	Amlamethi	100	Amlamethi Flood Shelter	Poor Condition
104	Gosaba	Birajnagar	500	Birajnagar F.P. School	
105	Gosaba	Birajnagar	500	Dakshin Birajnagar F.P.	
106	Gosaba	Birajnagar	500	Colony Para F.P. School	
107	Gosaba	Bijaynagar	500	Bijaynagar F.P.School	
108	Gosaba	Bijaynagar	500	Bally Purba Para Pry School	
109	Gosaba	Bijaynagar	1200	Bijaynagar Adarsha Vidyamandir	



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110	Gosaba	Bijaynagar	500	Bijoyanagar Gajendra Smriti Pry. School	
111	Gosaba	Bijaynagar	500	Uttar Bijoyanagar Pry. School	
112	Gosaba	Bally	1200	Bally Dhanamoni Model High School	
113	Gosaba	Bally	500	Paschim Para Pry. School	
114	Gosaba	Bally	2000	Bally Kamalachak Pry. School (Mpcs)	Pmnr
115	Gosaba	Bally	750	Bally Purba Para Jr. High School	
116	Gosaba	Bipradaspur	1000	Chandipur High School	
117	Gosaba	Chandipur	500	Chandipur Purba Madhya F.P. School	
118	Gosaba	Manmathanagar	500	Manmathanagar F.P. School	
119	Gosaba	Gosaba	2000	Gosaba R.R.I.	
120	Gosaba	Gosaba	400	Arapur F.P. School	
121	Gosaba	Gosaba	200	Gosaba Sebak Smriti F.P. School	
122	Gosaba	Gosaba	200	Gosaba 3 No. F.P. School	
123	Gosaba	Arapur	300	Arapur Balika Vidyalaya	
124	Gosaba	Arapur	200	Barabari F.P. School	
125	Gosaba	Arapur	300	Satsanga F.P. School	
126	Gosaba	Arapur	200	Banitala F.P. School	
127	Gosaba	Dulki	400	Dulki Sabnamaskar F.P.	
128	Gosaba	Dulki	400	Dulki F.P. School	
129	Gosaba	Sonagaon	500	Sonagaon F.P.	
130	Gosaba	Sonagaon	400	Dakshintala Prathamik Vidyalaya	
131	Gosaba	Harishpur	500	Harishpur F.P.	
132	Gosaba	Harishpur	500	Harishpur F.P.	
133	Gosaba	Harishpur	500	Harishpur F.P.	
134	Gosaba	Harishpur	500	Harishpur F.P.	
135	Gosaba	Harishpur	500	Harishpur F.P.	
136	Gosaba	Ramnagar	500	Ramnagar S.S.K.	
137	Gosaba	Ramnagar	500	Ramnagar S.S.K.	
138	Gosaba	Ramnagar	500	Ramnagar S.S.K.	
139	Gosaba	Ramnagar	2000	Ramnagar High School (Mpcs)	Ncrmp
140	Gosaba	Kachukhali	2000	Manmathapur High School (Mpcs)	Ncrmp
141	Gosaba	Kachukhali	750	Kachukhali 6 No. Basic School	
142	Gosaba	Kachukhali	500	East Kachukhali Pry. School	
143	Gosaba	Pathankhali	2500	Pathankhali Hazi Desarat College (Mpcs)	Iczmp
144	Gosaba	Gopalkata	2000	Gopalkata Jelepura High School (Mpcs)	Ncrmp
145	Gosaba	Kamarpara	400	Kamarpara F.P. School	
146	Gosaba	Tentultali	1000	Tentultali F.P. School Tentultali Nabagopal F.P. School	
147	Gosaba	Battali	1000	Battali Banga Bharati Vidyatan	
148	Gosaba	Jelepura	500	Jelepura Adibasi F.P. School	

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149	Gosaba	Pakhirala	1000	Pakhirala High School	
150	Gosaba	Pakhirala	2000	Pakhirala F.P. School (Mpcs)	Ncrmp
151	Gosaba	Rangabelia	2000	Rangabelia High School (Mpcs)	Iczmp
152	Gosaba	Bagbagan	1000	Bagbagan Brajamahendra High School	
153	Gosaba	Uttardanga	2000	Uttardanga Multipurpose Cycloen Shetler	Ncrmp
154	Gosaba	Sambhunagar	2000	Sambhunagar High School(Mpcs)	Iczmp
155	Gosaba	Mitrapur	500	Mitrapur Pry. School	
156	Gosaba	Jhowkhali	500	Jhowkhali G.S. Refugee F.P. School	
157	Gosaba	Jhowkhali	2000	Jhowkhali Jr. High School (Mpcs)	Ncrmp
158	Gosaba	Palpur	500	Palpur Subhankari Nimna Buniyadi Pry. School	
159	Gosaba	Kamakshapur	500	Kamakshapur Pry. School	
160	Gosaba	Bhupendrapur	500	Bhupendrapur Dighirpar Pry. School	
161	Gosaba	Amtali	1500	Amritanagar High School	
162	Gosaba	Puinjali	2000	Puinjali High School (Mpcs)	Ncrmp
163	Gosaba	Chimta	1500	M.C. Fanindra Vidyapith (Mpcs)	Pmnr
164	Gosaba	Chotomollakhali	3000	M.C. Vidyapith (H.S.) (Mpcs)	Iczmp
165	Gosaba	Chotomollakhali	500	M.C. Pry. School	
166	Gosaba	Kalidaspur	500	Kalidaspur S.P.F.P. School	
167	Gosaba	Kalidaspur	1000	Bhim Ch. High School	
168	Gosaba	Hentalbari	2000	Gobindapur Jr. High School (Mpcs)	Iczmp
169	Gosaba	Kumirmari	1000	Kumirmari High School	
170	Gosaba	Kumirmari	2000	Safakachhari N.C. Memorial F.P. School (Mpcs)	Iczmp
171	Gosaba	Kumirmari	100	Kumirmari Flood Shelter	Poor Condition
172	Gosaba	Kumirmari	1000	Nagendra High School	
173	Gosaba	Sadhupur	400	Rajat Jubilee Pry. School	
174	Gosaba	Sadhupur	400	Tripligheri Adibasi F.P.	
175	Gosaba	Lahiripur	3000	Santigachhi High School (Mpcs)	Iczmp
176	Gosaba	Lahiripur	400	Lahiripur F.P. School	
177	Gosaba	Hamiltonabad	1000	Rajat Jubilee High School	
178	Gosaba	Luxbagan	500	Luxbagan F.P. School	
179	Gosaba	Taranagar	2000	Taranagar Saraswati Jr. High School(Mpcs)	Ncrmp
180	Gosaba	Baramollakhali	2000	B.T.C. Vidyamandir (Mpcs)	Ncrmp
181	Gosaba	Purba Radhanagar	400	R.T.Nagar G.P. Office	
182	Gosaba	Paschim Radhanagar	700	Jatindranath Siksh Niketan	
183	Gosaba	Dakshin Radhanagar	600	Gouranga High School	
184	Gosaba	Satjelia	500	Sukumari Adibasi F.P. School	
185	Gosaba	Satjelia	1000	Natabar High School	
186	Gosaba	Satjelia	1000	Jagneswar Vidyanyketan	

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187	Gosaba	Satjelia	500	Satjelia F.P. School	
188	Gosaba	Sadhupur	500	Sadhupur M.C. School	
189	Gosaba	Sadhupur	2000	Anandapur Colony F.P. (Mpcs)	Nermp
190	Gosaba	Dayapur	1000	P.C. Sen High School	
191	Gosaba	Dayapur	500	Dayapur Adibasi F.P. School	
192	Gosaba	Dayapur	500	Binapani F.P. School	
193	Kakdwip	Uttar Chandranagar	3002	Thakurchak Super Market	
194	Kakdwip	Suryanagar	5554	Uttarchandranagar FP School	
195	Kakdwip	Sitarampur	6203	Sambhuchandrapur FP School	
196	Kakdwip	Madhusudanpur	6242	Shibkalinagar Ishan Memorial High School	
197	Kakdwip	Lakshmipur	977		
198	Kakdwip	Sibkalinagar	6674		
199	Kakdwip	Sitarampur	10244		1)Kashinagar High School 2)Madhabnagar Hs
200	Kakdwip	Srinagar	10959		
201	Kakdwip	Kasinagar	10356		
202	Kakdwip	Kalinagar	28669	Kalinagar Dwarikanath Institution	
203	Kakdwip	Ganespur	32932	Sundarban Adarsha Vidyamandir	
204	Kakdwip	Ramratampur	4821	13 No. Chandipur Bazar	
205	Kakdwip	Nebutala	3734		
206	Kakdwip	Chandipur	8519		
207	Kakdwip	Taktipur Abad	6832		
208	Kakdwip	Thangara	3336		
209	Kakdwip	Manmathapur	7981	(1) Manmathapur Siksha Bhaban High School (2)Chintamanipur Balika Vidyalay (Jr. High School)	
210	Kakdwip	Gopalnagar	2342		
211	Kakdwip	Uttar Durgapur	2280		
212	Kakdwip	Hesamabad	2993		
213	Kakdwip	Mrinalnagar	7851		
214	Kakdwip	Koaberia	2953		
215	Kakdwip	Gobindapur	856		1)Balikhali Hemchandra Vidyapith 2) Kedo Ramchandra Srihari HS
216	Kakdwip	Srikrishnagar	2754		
217	Kakdwip	Sankiberia	3511		
218	Kakdwip	Sibnagar	4530		
219	Kakdwip	Ramchandrapur	1254		
220	Kakdwip	Ramchandranagar	10396		
221	Kakdwip	Ramgopalpur	4636	1) Amar Sridam Milan Vidyamandir (2)Uttar Kasiabad Sri Krishna Chaitanya Nimna Madhyamik Vidyalay	
222	Kakdwip	Uttar Kasiabad	2632		
223	Kakdwip	Kasiabad	1994		
224	Kakdwip	Dakshin Kasiabad	4438		
225	Kakdwip	Harendranagar	4494		
226	Kakdwip	Gangadharpur	6514	Bamanagar Subala High School	

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227	Kakdwip	Bamanagar	6844		
228	Kakdwip	Gobindarampur	6526		
229	Kakdwip	Bhubannagar	6879		
230	Kakdwip	Akshyanagar	18883		
231	Kakdwip	Kakdwip	19368	1) Kakdwip Government Sponsor Ashram Type High School For Girls (2) Akshaynagar Kumar Narayan Madhyamik Sikshayan (3) Sundarban Ramkrishna Ashram Nursery And KG School	
232	Kakdwip	Tatini	<b>5000</b>		
233	Namkhana	Bishalaxmipur	200	Bishalaxmipur Puna Shah Mastania	
234	Namkhana	Rajnagar Srinath Gram	250	Rajnagar Srinath Gram Bani Vidyapith (Hs)	
235	Namkhana	Budhakhali	300	Budhakhali Junior High School	
236	Namkhana	Rajnagar Srinath Gram	275	Rajnagar Junior Basic School	
237	Namkhana	Narayanpur	100	Narayanpur Flood Centre	
238	Namkhana	Nandabhanga	2000	Nandabhanga MPCS	
239	Namkhana	Durganagar	250	Durganagar Flood Centre	
240	Namkhana	Narayanpur	150	Narayanpur 4 <sup>th</sup> Gheri FP School	
241	Namkhana	Iswaripur	200	Iswaripur Primary School	
242	Namkhana	Narayanpur	450	Laxminarayan High School	
243	Namkhana	Dwariknagar	500	Dwariknagar High School	
244	Namkhana	Namkhana	600	Namkhana High School	
245	Namkhana	Debnagar	500	Debnagar High School	
246	Namkhana	Madanganj	150	Bamdeb Bama Sundari Ssk	
247	Namkhana	Patibunia	300	Patibunia Junior High School	
248	Namkhana	Rajnagar	700	Rajnagar Biswambhar High School	
249	Namkhana	Radhanagar	150	Radhanagar FP School	
250	Namkhana	Radhanagar	150	Rahaman SSK	
251	Namkhana	Haripur	2000	Haripur Gadhadar Mpcs	
252	Namkhana	Haripur	250	Haripur Ma Sharada Maha Sanghas Community Hall	
253	Namkhana	Uttar Chandanpiri	150	Uttar Chandanpiri Sub Center & Uttar Chandanpiri Sriniketan Ssk	
254	Namkhana	Chandanpiri	470	Chandanpiri M.M. High School	
255	Namkhana	Dk. Chandannagore	100	Dk. Chandannagore Stadium Room	
256	Namkhana	Dk. Chandannagore	480	Dk. Chandannagore K.C.Girls High School	
257	Namkhana	Maharajganj	200	Maharajganj F.P. School	
258	Namkhana	Freserganj	250	Freserganj Krishnaprasad Adarsha Vidyapith	
259	Namkhana	Narayanitala	450	Narayanitala Dhaneswar Siksha Sadan	

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260	Namkhana	Laxmipur	170	Laxmipur Prabartak FP School	
261	Namkhana	Baliara	400	Baliara Kisor High School	
262	Namkhana	Baliara	150	Baliara FP School	
263	Namkhana	Baliara	100	Baliara Majahar Sha Ssk	
264	Namkhana	Baliara	150	Baliara South Adibasi FP School	
265	Namkhana	Baliara	120	Baliara Amjad Ssk	
266	Namkhana	Baliara	150	Baliara Abinash Srimty FP School	
267	Namkhana	Baliara	170	Baliara Nagendra Ssk	
268	Namkhana	Baliara	150	Baliara Bhusan Srimty FP School	
269	Namkhana	Samaj	100	Samaj Unayan Flood Centre	
270	Namkhana	Kusumtala	200	Kusumtala Pashim Madhya Gheri FP School	
271	Namkhana	Kushumtala	200	Kushumtala Baliara FP School	
272	Namkhana	Kushumtala	150	Kushumtala Urmila Ssk	
273	Namkhana	Moushuni	200	Moushuni Choumukhi FP School	
274	Namkhana	Moushuni	2000	Moushuni MPCs	
275	Namkhana	Bagdanga	200	Bagdanga Kushumtala FP School	
276	Namkhana	Bagdanga	100	Bagdanga Netaji Ssk	
277	Namkhana	Bagdanga	200	Bagdanga Flood Centre	
278	Namkhana	Moushuni	200	Moushuni Co-Operative High School	
279	Sagar	Kachuberia	4000	Kachuberia Old Flood Shelter	
280	Sagar	Fulbari	3600	Fulbari Sitala High School Mpcs	
281	Sagar	Sapkhali	3000	Sikarpur FP School Mpcs	
282	Sagar	Sikarpur	2800	Sikarpur FP School Mpcs	
283	Sagar	Kastala	2400	Fulbari Sitala High School Mpcs	
284	Sagar	Ramkrishnapur	1000	Sikarpur FP School Mpcs	
285	Sagar	Muriganga	3600	Muriganga FP School Mpcs	
286	Sagar	Bamankhali	6000	Bamankhali Mpcs High School Mpcs	
287	Sagar	Chakfuldubi	5000	Soudamini Balika Vidyalaya	
288	Sagar	Mandirtala	5600	Bamankhali Mpcs High School Mpcs	
289	Sagar	Companychar	6000	Companychar Maheshwari High School	
290	Sagar	Govindapur	3800	Gobindapur Tarachand High School Mpcs	
291	Sagar	Mahendraguange	3600	Gobindapur Tarachand High School Mpcs	
292	Sagar	Nagendraguange	3600	Gobindapur Tarachand High School Mpcs	
293	Sagar	Dhaspara	3400	Kaylapara Sd High School	
294	Sagar	Debi-Mathurapur	3800	Kaylapara Sd High School	
295	Sagar	Kaylapara	3800	Kaylapara Sd High School	
296	Sagar	Uttar Haradhanpur	4000	Mrityunjaynagar FP School Mpcs	
297	Sagar	Mrityunjaynagar	4400	Mrityunjaynagar FP School Mpcs	
298	Sagar	Sumatinagar	3600	Sumatinagar Sarat Kumari High	

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				School Mpcs	
299	Sagar	Bankimnagar	3600	Bankimnagar Junior Basic School	
300	Sagar	Dakshin Haradhanpur	4000	Kaylapara Sd High School	
301	Sagar	Rudranagar	7000	Sundarban Janakalyan Sangha Vidyanyketan Mpcs	
302	Sagar	Radhakrishnapur	4000	Radhakrishnapur High School Mpcs	
303	Sagar	Kirtankhali	4400	Sundarban Janakalyan Sangha Vidyanyketan Mpcs	
304	Sagar	Kamalpur	5000	Sundarban Janakalyan Sangha Vidyanyketan Mpcs	
305	Sagar	Mansadwip	4800	Manasadwip Ramakrishna Mission Hs	
306	Sagar	Harinbari	5000	Harinbari Yudhisthir Sikshayatan Mpcs	
307	Sagar	Krishnanagar	6000	Krishnanagar Soudamini Balika Vidyalyaya Mpcs , Krishnanagar High School Mpcs	
308	Sagar	Naraharipur	3600	Harinbari Yudhisthir Sikshayatan Mpcs	
309	Sagar	Khanshebabad	6200	Khan Saheb Abad High School	
310	Sagar	Khasramkar	4200	Khas Ramkar Kumor Ambu High School	
311	Sagar	Purrusottampur	3800	Prasadpur Atal Vidyabhavan Mpcs	
312	Sagar	Chemagari	4200	Dhablat Laxman Parabesh Mpcs	
313	Sagar	Sibpur	3200	Dhablat R.K.G.N Free Primary School Mpcs	
314	Sagar	Bisalakshmipur	3200	Dhablat R.K.G.N Free Primary School Mpcs	
315	Sagar	Dhablat	5100	Dhablat Laxman Parabesh Mpcs	
316	Sagar	Bishnupur	4200	Bishnupur Khagendranath Balkrishna Vidhyapith Mpcs	
317	Sagar	Beguakhali	4000	Dakshin Sagar Banitirtha High School Mpcs	
318	Sagar	Mahishamari	3800	Dakshin Sagar Banitirtha High School Mpcs	
319	Sagar	Chandipur	3400	Bishnupur Khagendranath Balkrishna Vidhyapith Mpcs	
320	Sagar	Narayaniabad	4200	Dakshin Sagar Banitirtha High School Mpcs	
321	Sagar	Natendrapur	4000	Natendrapur Natendranath Hs	
322	Sagar	Gangasagar	6000	Sree Dham High School	
323	Sagar	Ghoramara	2000	Ghoramara Milan Vidyapith Mpcs	
324	Patharpratima	Dk Shibpur,Ramganga	Approx. 1700	Devichak Veterinary Ground	
325	Patharpratima	Achintyanagar, Dk. Kashinagar, Purba - Sripatinagar, Paschim-Sripatinagar	Approx . 6000	Kamdevpur, Kuemuri	

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
326	Patharpratima	Upendranagar, Laxmipur, Kamdevpur, Achintyanagar,	Approx. 5000	Kamdevpur, Purba Sripatinagar	
327	Patharpratima	Bishnupur, Purba Shripatinagar, Laxmijanardanpur Purba -Sripatinagar, Paschim - Sripatinagar, Sridharnagar, Dk. Kashinagar	Approx. 5000	Purba Sripatinagar	
328	Patharpratima	Kuemuri, Dk.kashinagar., Mahespur	Approx. 3000	Kuemuri, Purba Surendranagar	
329	Patharpratima	Digambarpur ,Indranarayanpur,	Approx. 4000	Indranarayanpur	
330	Patharpratima	Kedarpur, Purbadwarkapur, Laxmijanardanpur	Approx. 4000	Lakshmijanardanpur, Purba Dwarikapur, Purba Surendranagar	
331	Patharpratima	Taranagar, Meherpur,	Approx. 3000	Meherpur	
332	Patharpratima	Purnachandrapur			
333	Patharpratima	Taranagar, Meherpur,	Approx. 2000	Purnachandrapur,	
334	Patharpratima	Purnachandrapur			
335	Patharpratima	piprakhali , Dk. Roypur	Approx. 3000	Abad Gangadharpur	
336	Patharpratima	Kishorinagar , Bardapur,	Approx. 3000	Kishorinagar	
337	Patharpratima	Dk.Laxminarayanpur	Approx. 2500	Bhagabatpur	
338	Patharpratima	Krishna Daspur, Satyadaspur	Approx. 1700	Daspur	
339	Patharpratima	Uttar Gopalnagar, Chintamanipur	Approx. 4000	Paschim Surendranagar	
340	Patharpratima	Gobindapur Abad, Brajaballavpur, Khetromohanpu	Approx. 6000	Madhabnagar	
341	Patharpratima	Rakhaskhali, Brajaballavpur	Approx. 4500	Rakhaskhali	
342	Patharpratima	Surendrananj, Buraburir Tat	Approx. 7000	Indrapur	
343	Patharpratima	Gangapur, Shibnagar,	Approx. 4500	Gangapur	

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
344	Patharpratima	Banashyamnagar	Approx. 5000	Banashyamnagar	
345	Patharpratima	Gobardhanpur, Indrapur,Sitarampur	Approx. 6000	Indrapur	
346	Patharpratima	Daspur,Satyadaspur, Krishnadasapur	Approx. 6000	Daspur	
347	Kulpi	Mashamari	565	Mashamari FP	
348	Kulpi	Gouripur	455	Gouripur FP	
349	Kulpi	Jungri	616	Jungri FP	
350	Kulpi	Tangrachar	1009	Tangrachar FP	
351	Kulpi	Basankhali	862	Madanmohanpur FP	
352	Kulpi	Rangafala	546	Rangafala FP	
353	Kulpi	Arunnagar	1906	Arunnagar FP	
354	Kulpi	Nakali	1211	Nakali FP	
355	Kulpi	Lashmipasaha	803	Lashmipasha FP	
356	Kulpi	Ulurdar	788	Ulurdar Sri Krishnanagar FP	
357	Kulpi	Hatberia	388	Hatberia FP	
358	Kulpi	Hatirampur	478	Hatberia FP	
359	Kulpi	Lakshmipur	388	Rajnagar FP	
360	Kulpi	Ramkrishnapur	5878	Ramkrishnapur High	
361	Kulpi	Alipara	388	Alipar FP	
362	Baruipur	Khuntiberia	2800	Khuntiberia Primary School	
363	Baruipur	Moutala	2100	Moutala FP School	
364	Baruipur	Paruldah	2800	Paruldah Junior High School	
365	Baruipur	Joyatala	2000	Joyatala High School	
366	Baruipur	ARJUNA	3250	Arjuna FP School	
367	Baruipur	TANGERBERIA	2970	Tangerberia Ssk	
368	Baruipur	KALABARU	3140	Kalabaru FP School	
369	Baruipur	CHHAYANI	2901	Chhayani FP School	
370	Baruipur	JOYKRISHNA NAGAR	3050	Joykrishna Nagar FP	
371	Baruipur	CHAKABORTY ABAD	3216	Chakaborty Abad FP School	
372	Baruipur	Himchi/San-I	700	Himchi F.P.School	
373	Baruipur	Himchi/San-II	650	Himchi J.High School	
374	Baruipur	Gordaha/San-XVII	700	Gordaha F.P. School	
375	Baruipur	Kharampara/San-XVI	400	Dumnan F.P. School	
376	Baruipur	Dumnan/San-XVI	350	Dumnan F.P. School	
377	Baruipur	Dilerjan/San-IV	200	Vidyasagar SSK	
378	Baruipur	Ghoserchak/San-VIII	350	Ghoserchak Ssk+Icds Center	
379	Baruipur	Ramchandrapur/San- VI	500	Ramchandrapur F.P.School	



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380	Baruipur	Keshabpur	3265	Keshabpur F.P School	
381	Baruipur	Keshabpur	3149	Keshabpur F.P School	
382	Baruipur	Durgo	2772	Durgo F.P School	
383	Baruipur	Durgo	2561	Durgo F.P School	
384	Baruipur	Nore	5987	Nore F.P School	
385	Baruipur	Balbalia	6107	Balbalia F.P School	
386	Baruipur	Balbalia	2016	Balbalia F.P School	
387	Baruipur	Balbalia	2750	Balbalia F.P School	
388	Baruipur	Rajgara	2110	Rajgara F.P School	
389	Baruipur	rajgara	4297	Rajgara F.P School	
390	Baruipur	Gangaduara	2457	Gangaduara F.P School	
391	Baruipur	gangaduara	2233	Gangaduara F.P School	
392	Baruipur	Champahati	2000	Champahati Nilmoni Kar High School	
393	Baruipur	Champahati	1500	Champahati Girls High School	
394	Baruipur	Madarat	2000	Madarat Popular Academy	
395	Baruipur	Madarat	1000	Madarat Ishan Chandra Balika Vidyalaya	
396	Baruipur	Dhapdhapi	2000	Dhapdhapi High School	
397	Baruipur	Mallickpur	3000	Mallickpur Abdus Sukur High School	
398	Baruipur	Mallickpur	3000	Mallickpur Girls High School	
399	Baruipur	Faridpur	2500	Faridpur High School	
400	Baruipur	Mamudpur	3000	Kotalpur Madhusudan High School	
401	Baruipur	Durgapur	3000	Durgapur K.C.High School	
402	Baruipur	Rana	2000	Rana Beliaghata High School	
403	Baruipur	Purandarpur	2000	Purandarpur Math Nari Shikshayatan	
404	Baruipur	Purandarpur	6000	Baruipur College	
405	Baruipur	Shankharipukur	2000	Nibedita High School	
406	Baruipur	South Garia	1500	South Garia Amiyabala High School	
407	Bhangore-I	Moushal	2000	Tardaha High School	
408	Bhangore-I	Tongapara	180	Kantatala F.P. School	
409	Bhangore-I	Padmapukur	1500	Narayanpur High School	
410	Bhangore-I	Bhatipota	1200	Kharamba Bani Vidyalay	
411	Bhangore-I	Kalikapur	150	Kalikapur F.P. School	
412	Bhangore-I	Nalpukur	2000	Bhangar High School (Boys)	
413	Bhangore-I	Gobindapur	2000	Ghatakpur High School	
414	Bhangore-I	Bhangar Bazar	2400	Bhangar Collage	
415	Bhangore-I	Nowra	1300	Bodra High School (H.S)	
416	Bhangore-I	Bodra madhya Para	1500	Bodra Balika Vidyalay	
417	Bhangore-I	Chandpur	100	Khargachi F.P. School	
418	Bhangore-I	Patkelpota	1500	Chadaneswar High School	

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
419	Bhangore-I	Loujang	70	Jalalabad F.P. School	
420	Bhangore-I	Ashwathaberia	1200	Sundia Sarala Motilal High School	
421	Bhangore-I	Madhabpur	1500	Madhabpur High School	
422	Bhangore-I	Bausahar	150	Sanksahar Jr. High School	
423	Bhangore-I	Purba & Paschim Situri	50	Situri F.P. School	
424	Bhangore-I	Dakshin Kanthaliya	1500	Rangina High Madrasha	
425	Bhangore-I	Harishpur	70	Harishpur F.P. School	
426	Bhangar - II Dev. Block	Naskarapara Yotbhim,Mazerpara Yotbhim, Mondal Para, Sardar Para and Fakir Para, Naskar and Ghosh Para	4720 (approx.)	Hatgacha Haridas Vidyapith	
427	Bhangar - II Dev. Block	Bamanghata,Dakshi n Naskar Para,Dhali Para	3410 (approx.)	Dhalipara Free Primary School	
428	Bhangar - II Dev. Block	Beonta Dakshinpara, Mondalpara, Gazipara, Kamlaite, Ghaskhali, Haldipara	5190 (approx.)	Beonta Junior High School	
429	Bhangar - II Dev. Block	Bagpara & Sardar Para, Biswas and Baidya Para, Kulberia Mondal & Musalmanpara	4100 (approx.)	Kulberia Dharmatala Panchuria F.P.S	
430	Bhangar - II Dev. Block	Madhya Satulia, Purba Satulia, Purba Narkelberia, Paschim Narkelberia, Satulia Paschim Para	5110 (approx.)	Satulia F.P.S. & Satulia Islamia Senior High Madrasa	
431	Bhangar - II Dev. Block	Noabad Paschim para, Khaldhar Polerhat, Noabad Uttar Para, Dakshin Para	5200 (approx.)	Noabad F.P.School	
432	Bhangar - II Dev. Block	Dakshin Swarupnagar Laskar Para, Gangdhari, Pirnagar, Mollapara,	3550 (approx.)	Shyamnagar Free Primary School	

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433	Bhangar - II Dev. Block	Chandihat Uttar Majherpara, Dakshin Majherpara, Majherhat Uttarpara, Dakshinpara, Garagacha	2900 (approx.)	Chandihat Free Primary School	
434	Bhangar - II Dev. Block	Majherhat, Purba & Paschim Chelegoalia	3315 (approx.)	Majherhat Chelegoalia F.P.S	
435	Bhangar - II Dev. Block	Krishnamati , Uttar Krishnamati Dakshin Krishnamati, Paschim Krishnamati, Krishnamati Gazipara, Kabildanga	5010 (approx.)	Krishnamati F.P.S	
436	Bhangar - II Dev. Block	Dakshin Chaltaberia, Paschim Chaltaberia, Uttar Chaltaberia, Pakhimara	4200 (approx.)	Chaltaberia F.P.S	
437	Bhangar - II Dev. Block	Nibandhua Molla para, Sekh para	3130 (approx.)	Nibandhua F.P.S.	
438	Bhangar - II Dev. Block	Nangla Palpur, Alaquilia	1550 (approx.)	Alaquilia F.P.S.	
439	Bhangar - II Dev. Block	Madhya Raghunathpur, Purba Raghunathpur, Paschim Raghunathpur	3795 (approx.)	Raghunathpur F.P.S	
440	Bhangar - II Dev. Block	Bankanchua, Baniara Mondalpara	3890 (approx.)	Bhumru F.P. School	
441	Kultali	Purba Jamtala	5000	Jamtala B.C.High School	
442	Kultali	36 No. Mondaler Lat	2000	Kishorimohanpur F.P. School	
443	Kultali	Paschim Jamtala	2000	Jamtala F.P. School	
444	Kultali	36 No. Mondaler Lat	2000	Bazar F.P. School	
445	Kultali	Jamtala	5000	Dr. B.R. Ambedkar College	
446	Kultali	12 No. Jalaberia	2000	11 No. Jalaberia Hindu Parishad	
447	Kultali	Kaikhali	2000	Kaikhali F.P. School	

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448	Kultali	Dakshin Garankathi	2000	Kultali C.S. F.P. School	
449	Kultali	Gopalgunj	2000	Gopalgunj Hat F.P. School	
450	Kultali	Madhusudanpur	2000	Madhusudanpur F.P. School	
451	Kultali	Sankijahan	2000	Sankijahan F.P. School	
452	Kultali	Kochiamara	5000	Kochiamara High School	
453	Kultali	Balirchar	5000	Balirchar High Madrasha	
454	Kultali	Dongajora	5000	Dongajora Ramanath High School	
455	Kultali	Pichakhali	4000	Pichakhali Junior High School	
456	Kultali	Purba Shyamnagar	4000	Purba Shyamnagar High School	
457	Kultali	Godabar	2000	Godabar Junior High School	
458	Kultali	Panchuakhali	4000	Panchuakhali High School	
459	Kultali	Balaharania	2000	Balaharania Junior High School	
460	Kultali	Kundakhali	2000	Kundakhali F.P. School	
461	Kultali	Kantamari	5000	Kantamari Churamoni High School	
462	Kultali	Dakshin Durgapur	2000	Dakshin Durgapur Shyamnagar F.P. School	
463	Kultali	Deulbari	2000	Dwijapada F.P. School	
464	Kultali	Dakshin Durgapur	2000	Dakshin Durgapur Paschim Para F.P. School	
465	Kultali	Purba Madhya Gurguria	5000	Purba Madhya Gurguria Adarsha Vidyapith	
466	Kultali	Debipur	5000	Debipur H.M. Vidyapith	
467	Kultali	Bhubaneswari	5000	Bhubaneswari Joykrishna High School	
468	Kultali	Debipur	3000	Debipur Karunamoyee Blika Vidyalyaya	
469	Kultali	Ambikanagar	2000	Ambikanagar Haripriya High School	
470	Kultali	Kishorimohanpur	2000	Kishorimohanpur State Plan High School	
471	Kultali	Nagenabad	2000	Nagenabad High School	
472	Kultali	Kishorimohanpur	2000	Kishorimohanpur Special Cadre F.P. School	
473	<u>Rajpur Sonarpur Municipality</u>	Ward No.- 03 to 07	36000	1)Natun Diyara School	
474	<u>Rajpur Sonarpur Municipality</u>			2) Shreekhanda Schhol	
475	<u>Rajpur Sonarpur Municipality</u>			3) Kandarpapur Mobarak School	
476	<u>Rajpur Sonarpur Municipality</u>	Ward No.- 08 to 15	100000	1)Teghoria School	

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477	<u>Rajpur Sonarpur Municipality</u>			2)Sumodpur FP School	
478	<u>Rajpur Sonarpur Municipality</u>			3)Vidyasagar FP School	
479	<u>Rajpur Sonarpur Municipality</u>			4)Ghasiara School	
480	<u>Rajpur Sonarpur Municipality</u>			5) Ratna FP School	
481	<u>Rajpur Sonarpur Municipality</u>			6) Vivekananda Adarsha School	
482	<u>Rajpur Sonarpur Municipality</u>			7)Natun Pally Sarojini School	
483	<u>Rajpur Sonarpur Municipality</u>	Ward No. - 16 to 26	40000	1)Kotalia Pb School	
484	<u>Rajpur Sonarpur Municipality</u>			2)Chowhati Jr. Basic School	
485	<u>Rajpur Sonarpur Municipality</u>			3) Chowhati D Block FP School	
486	<u>Rajpur Sonarpur Municipality</u>			4) Kotalia Bidhan FP School	
487	<u>Rajpur Sonarpur Municipality</u>	Ward No. - 34 to 35	20000	1)Boral FP School	
488	<u>Rajpur Sonarpur Municipality</u>			4) Rania FP School	
489	Joynagar-II	Khakurdaha	15000	Khakurdaha M.G. Das High School	Capacity-500
490	Joynagar-II	Rajapur Karabeg	13000	Karabeg High School	Capacity-2000
491	Joynagar-II	Harinarayanpur	16000	Ramchandrapur F.P. School	Capacity-2000
492	Joynagar-II	Dakshin Barasat	20000	Dbsahs(Shibdas Acharya High School	Capacity-2000
493	Joynagar-II	Baharu Kshetra	14000	Baharu High School	Capacity-1000
494	Joynagar-II	Sreepur	18000	Sreepur F.P. School	Capacity-500

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495	Joynagar-II	Dhosa Chandaneswar	25000	Gobindapur Sgmc Bidyaniketan High School	Capacity-500
496	Joynagar-II	Uttar Durgapur	21000	Fatepur F.P. School	Capacity-250
497	Joynagar-II	Narayanitala	18000	Sarberia T.S. Sanatan High School	Capacity-2000
498	Joynagar-II	Bamangachi	20000	Moriswar High School	Capacity-3000
499	Joynagar-II	Chaltaberia	16000	Chaltaberia Eidghata Madrassa	Capacity-4000
500	Joynagar-II	Jangalia	17000	Srikrishnanagar High School	Capacity-5000
501	Joynagar-II	Radhaballavpur	300	Radhaballavpur F.P. School	
502	Joynagar-II	Bhubankhali 5 No	300	Radhaballavpur F.P. School	
503	Joynagar-II	Bhubankhali 2 No.	2000	Ghatihariana High School	
504	Joynagar-II	Chuprijhara	700	Ghatihariana High School	
505	Joynagar-II	Jhupkhali	1000	Jhupkhali Flood Shelter	
506	Joynagar-II	Nolgora 6 No., 5 No.	2500	Nalgoradham Baikuntha Vidyapith	
507	Joynagar-II	Sonatikari	700	Sonatikari F.P.School	
508	Joynagar-II	Jhingakhali	200	Sonatikari F.P.School	
509	Joynagar-II	Baburchak 9 No.,10 No.	300	Sonatikari F.P.School	
510	Joynagar-II	Dum Duma	1000	Patpukur High School	
511	Joynagar-II	Jogigora	900	Patpukur High School	
512	Joynagar-II	Manirtat	2000	Manirtat Raimoni Institution	
513	Joynagar-II	Srirampur	700	Futigoda High School	
514	Joynagar-II	Dangarabad	500	Futigoda High School	
515	Joynagar-II	Taranagar	400	Beledurganagar High School	
516	Joynagar-II	Kholakhali	500	Krishna Kali Junior High School	
517	Joynagar-II	Taltala	500	Gardewani High Scholl	
518	Joynagar-II	Chuknagar	300	Kalinagar Bijoyagar F.P School	
519	Joynagar-II	Khaiyamara	700	Manipur Banstala High School	
520	Joynagar-II	Mayahowri	400	Dara Adarsha Vidyapith	
521	Sonarpur	Bonhoogly, Dingelpota	7156 appx	Bonhoogly Kabi Nazrul Siksha Niketan	
522	Sonarpur	Tihuria, Harapur, Nayabad, Baynala	3477 appx	Nayabad High School	
523	Sonarpur	Khudirabad, Jagadipota, khardanga, Ranabhutia	6028 appx	Kheadah High School	
524	Sonarpur	Muragacha, Chakberia, Natagachi	2850 appx	Kalikapur Basanti Devi Balika Vidyalyaya	
525	Sonarpur	Hasanpur, Raipur, Sahebpur, Kharigoda	3387 appx	Ramkamal Vidyapith	

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526	Sonarpur	Garal, Adirabad, nabasan, Kustia	3344 appx	Adirabad Junior High School	
527	Sonarpur	Bibirchak, Talpukur	3436 appx	Langalberia Surath Smrity Bidyamandir	
528	Sonarpur	Keleghor, Radhanagar	4458 appx	Radhanagar Vidyasagar M.S.K.	
529	Sonarpur	Raghunathpur, Poleghat, Sarmastapur	2185 appx	Raghabpur MSK	
530	Bishnupur- I	Gandhabaduli	4194	Gandhabaduli Aghore Kamini Institute.	
531		Gandhabaduli	2318	Uchhekhali F P School	
532		Bishnupur (CT)	5030	Bishnupur Siksha Sangha	
533	Budge Budge - II	Raipur	1570	Raipur Sri Sri Ramkrishna Amrita Vidyalaya	
534		Barul	1347	Barul High School	
535	Bishnupur -II	Chek Enayetnagar		Enayetnagar High Madrasha With Hostel	
536		Chandi		Amtala Krisok Market	
537		Moukhali		Vidyanagar Multipurpose High School	
538		Kanganberia		Baragagangohalia High School	
539		Khagramuri		Ramchandranagar Adarsha High School	
540		Nahazari		Samali Bholanath High School	
541		P/Jaychandrapur		Ramchandranagar Adarsha High School	
542		Bakrahat		Bakrahat High School	
543		Panchanan		Egarogram High School	
544		G/ Kalicharanpur		Gobindapur Union High School	
545		R/Borhanpur		Sevanagar Balika Vidyalaya	
546		Kulpi	Mashamari	565	Mashamari FP
547	Kulpi	Gouripur	455	Gouripur FP	School Building
548	Kulpi	Jungri	616	Jungri FP	School Building
549	Kulpi	Tangrachar	1009	Tangrachar FP	School Building
550	Kulpi	Basankhali	862	Madanmohanpur FP	School Building
551	Kulpi	Rangafala	546	Rangafala FP	School Building
552	Kulpi	Arunnagar	1906	Arunnagar FP	School Building
553	Kulpi	Nakali	1211	Nakali FP	School Building
554	Kulpi	Lashmipasaha	803	Lashmipasha FP	School Building
555	Kulpi	Ulurdar	788	Ulurdar Sri Krishnanagar FP	School Building
556	Kulpi	Hatberia	388	Hatberia FP	School Building
557	Kulpi	Hatirampur	478	Hatberia FP	School

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					Building
558	Kulpi	Lakshmipur	388	Rajnagar FP	School Building
559	Kulpi	Ramkrishnapur	5878	Ramkrishnapur High	School Building
560	Kulpi	Alipara	388	Alipar FP	School Building
561	Diamond Harbour-II	Balarampur	38148	Balarampur FP School	School Building
562	Diamond Harbour-II	Barada		Barada FP School	School Building
563	Diamond Harbour-II	Bhadura		Bhadura Girls High School	School Building
564	Diamond Harbour-II	Bhadura		Bhadura High School	School Building
565	Diamond Harbour-II	Bhadura		Bhadura FP School	School Building
566	Diamond Harbour-II	Bhaokol		Bhaokol FP School	School Building
567	Diamond Harbour-II	Bishra		Bishra FP School	School Building
568	Diamond Harbour-II	Digeswar		Digeswar Sikshayatan FP School	School Building
569	Diamond Harbour-II	Gondia		Gondia FP School	School Building
570	Diamond Harbour-II	Haridaspur		Haridspur Sehalampur FP School	School Building
571	Diamond Harbour-II	Kashipur		Kashipur FP School	School Building
572	Diamond Harbour-II	Manika		Manika FP School	School Building
573	Diamond Harbour-II	Mudipur		Mudipur FP School	School Building
574	Diamond Harbour-II	Sagra	Mudipur Sagra FP School	School Building	
575	Diamond Harbour-II	Pana	Pana Kc High School	School Building	
576	Diamond Harbour-II	Pana	Pana FP School	School Building	
577	Diamond Harbour-II	Raghunathpur	Raghunathpur FP School	School Building	
578	Diamond Harbour-II	Sankarparulia	Sankarparulia High School	School Building	
579	Diamond Harbour-II	Sankarparulia	Sankarparulia FP School	School Building	



Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
580	Diamond Harbour-II	Sehalampur		Sehalampur FP School	School Building
581	Diamond Harbour-II	Taragunje		Taragunje FP School	School Building
582	Diamond Harbour-II	Uttar Bhadura		Uttar Bhadura FP School	School Building
583	Diamond Harbour-II	Birpana		Birpana FP School	School Building
584	Diamond Harbour-II	Channa		Channa Angarberia FP School	School Building
585	Diamond Harbour-II	Gazipur	48260	Gazipur Jr. High School	School Building
586	Diamond Harbour-II	Gazipur		Gazipur FP School	School Building
587	Diamond Harbour-II	Gopalpur		Gopalpur FP School	School Building
588	Diamond Harbour-II	Holdighi		Holdighi Harijan FP School	School Building
589	Diamond Harbour-II	Kolia		Kolia Jr. High School	School Building
590	Diamond Harbour-II	Kolia		Kolia FP School	School Building
591	Diamond Harbour-II	Karaghata		Karaghata Jr. Basic School	School Building
592	Diamond Harbour-II	Khandalia		Khandalia High School	School Building
593	Diamond Harbour-II	Khandalia		Khandalia FP School	School Building
594	Diamond Harbour-II	Muzaffar Ahamed Nagar		Muzaffar Ahamed Nagar FP School	School Building
595	Diamond Harbour-II	Nainan		Nainan Korestullah FP School	School Building
596	Diamond Harbour-II	Nainan		Nainan Md. Mahasin FP School	School Building
597	Diamond Harbour-II	Parasurampur		Parasurampur Sarboday Sikshasadan High School	School Building
598	Diamond Harbour-II	Parasurampur		Parasurampur FP School	School Building
599	Diamond Harbour-II	Ramnagar		Ramnagar FP School	School Building
600	Diamond Harbour-II	Sundarika	Sundarika Dr. Haripada Maity Memorial Girls High School	School Building	
601	Diamond Harbour-II	Sundarika	Sundarika FP School	School Building	

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
602	Diamond Harbour-II	Ashurali	35252	Ashurali FP School	School Building
603	Diamond Harbour-II	Awashberia		Awashberia FP School	School Building
604	Diamond Harbour-II	Awashberia		Awashberia Paschimpara FP School	School Building
605	Diamond Harbour-II	Bangla		Bangla FP School	School Building
606	Diamond Harbour-II	Chanda		Chanda High School	School Building
607	Diamond Harbour-II	Chanda		Chanda Jr. Basic School	School Building
608	Diamond Harbour-II	Jhaudari		Jhaudari FP School	School Building
609	Diamond Harbour-II	Jioncha		Jioncha Ramnath Jr. Basic	School Building
610	Diamond Harbour-II	Khagrakona		Khagrakona FP School	School Building
611	Diamond Harbour-II	Khordo		Khordo FP School	School Building
612	Diamond Harbour-II	Khordo		Khordo Ramprasad FP School	School Building
613	Diamond Harbour-II	Khordonahala		Khaordonahala Bipin Behari FP School	School Building
614	Diamond Harbour-II	Khordonahala		Khordonahala FP School	School Building
615	Diamond Harbour-II	Naltala		Naltala Sagarmal FP School	School Building
616	Diamond Harbour-II	Sakua		Sakua FP School	School Building
617	Diamond Harbour-II	Seorahati		Vivek Sikshayatan High School	School Building
618	Diamond Harbour-II	Seorahati		Seorahati FP School	School Building
619	Diamond Harbour-II	Sijberia		Sijberia FP School	School Building
620	Diamond Harbour-II	Simla		Simla FP School	School Building
621	Diamond Harbour-II	Akrapunji		43086	Akrapunji FP School
622	Diamond Harbour-II	Andharika	Andharika FP School		School Building
623	Diamond Harbour-II	Ashapur	Ashapur FP School		School Building

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
624	Diamond Harbour-II	Gobindapur	48308	Gobindapur Kc High School	School Building
625	Diamond Harbour-II	Gobindapur		Gobindapur FP School	School Building
626	Diamond Harbour-II	Goragacha		Goragacha FP School	School Building
627	Diamond Harbour-II	Karaiberia		Karaiberia Khanjapur FP School	School Building
628	Diamond Harbour-II	Kholakhali		Kholakhali FP School	School Building
629	Diamond Harbour-II	Kultukari		Kultukari FP School	School Building
630	Diamond Harbour-II	Kushberia		Kushberia Jr. Basic School	School Building
631	Diamond Harbour-II	Mankhanda		Mankhanda FP School	School Building
632	Diamond Harbour-II	Mathur		Mathur Jm High School	School Building
633	Diamond Harbour-II	Mathur		D.H. Janakalyan Sangha Balika Vidyalaya	School Building
634	Diamond Harbour-II	Mathur		Mankhand FP School	School Building
635	Diamond Harbour-II	Parjana		Parjana Jr. High School	School Building
636	Diamond Harbour-II	Parjana		Parjana FP School	School Building
637	Diamond Harbour-II	Pipulat		Pipulat FP School	School Building
638	Diamond Harbour-II	Rekha		Rekha FP School	School Building
639	Diamond Harbour-II	Rekha		Sardarpara Harijan FP School	School Building
640	Diamond Harbour-II	Singhalgunj	Singhalgunj FP School	School Building	
641	Diamond Harbour-II	Bhusna	Bhusna FP School	School Building	
642	Diamond Harbour-II	Dakshin Kamarpole	Dakshin Kamarpole FP School	School Building	
643	Diamond Harbour-II	Hinchaberia	Hinchaberia FP School	School Building	
644	Diamond Harbour-II	Kamarpole	Kamarpole FP School	School Building	
645	Diamond Harbour-II	Khamarkur	Khamarkur FP School	School Building	

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
646	Diamond Harbour-II	Patdaha		Patdaha FP School	School Building
647	Diamond Harbour-II	Pitambara		Pitambara FP School	School Building
648	Diamond Harbour-II	Pitambara		Pitambara Sarat Sashi Dutta FP School	School Building
649	Diamond Harbour-II	Agneswar	57832	Agneswar FP School	School Building
650	Diamond Harbour-II	Bagda		Bagda Jr. High School	School Building
651	Diamond Harbour-II	Bagda		Bagda FP School	School Building
652	Diamond Harbour-II	Chandnagar		Chandnagar Ghoshpara Jr. Basic School	School Building
653	Diamond Harbour-II	Darpatra		Darpatra FP School	School Building
654	Diamond Harbour-II	Durgapur		Durgapur FP School	School Building
655	Diamond Harbour-II	Mollapukharia		Mollapukharia FP School	School Building
656	Diamond Harbour-II	Marigachi		Marigachi High School	School Building
657	Diamond Harbour-II	Marigachi		Marigachi FP School	School Building
658	Diamond Harbour-II	Paschim Bagda		Paschim Bagda FP School	School Building
659	Diamond Harbour-II	Patra		Patra FP School	School Building
660	Diamond Harbour-II	Purba Bhabanipur		Purba Bhabanipur Mirjapur Primary School	School Building
661	Diamond Harbour-II	Purba Patra		Purba Patra FP School	School Building
662	Diamond Harbour-II	Purba Patra		Purba Patra Sahapara FP School	School Building
663	Diamond Harbour-II	Panchsata	50832	Panchsata Barkatiya High Madrasah	School Building
664	Diamond Harbour-II	Panchsata		Panchsata FP School	School Building
665	Diamond Harbour-II	Amira		Amira Jr. Basic School	School Building
666	Diamond Harbour-II	Cheora		Cheora FP School	School Building
667	Diamond Harbour-II	Jhinga		Jhinga FP School	School Building

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668	Diamond Harbour-II	Kantapur		Kantapur FP School	School Building
669	Diamond Harbour-II	Mahisgot		Mahisgot FP School	School Building
670	Diamond Harbour-II	Nabasan		Nabasan FP School	School Building
671	Diamond Harbour-II	Nahanna		Nahanna FP School	School Building
672	Diamond Harbour-II	Narayantala		Narayantal Vidyabhaban High School	School Building
673	Diamond Harbour-II	Narayantala		Narayantal FP School	School Building
674	Diamond Harbour-II	Nowsha		Nowsha High School	School Building
675	Diamond Harbour-II	Nowsha		Nowsha FP School	School Building
676	Diamond Harbour-II	Sarisha		Sishuramdas College	School Building
677	Diamond Harbour-II	Sarisha		Sishuramdas Satsangha Girls High School	School Building
678	Diamond Harbour-II	Sarisha		Sarisha High School	School Building
679	Diamond Harbour-II	Sarisha		Sarisha Rk Mission High School	School Building
680	Diamond Harbour-II	Sarisha		Sarisha Rk Mission Saradamandir	School Building
681	Diamond Harbour-II	Sarisha		Sarisha FP School	School Building
682	Diamond Harbour-II	Sukdevpur		Sukdevpur FP School	School Building
683	Diamond Harbour-II	Sukdevpur		Surabala FP School	School Building
684	Diamond Harbour-II	Tapha		Tapha FP School	School Building
685	Diamond Harbour-II	Noorpur	59874	Noorpur High Madrasah	School Building
686	Diamond Harbour-II	Noorpur		Noorpur Thakur Anukulchandra High School	School Building
687	Diamond Harbour-II	Noorpur		Noorpur FP School	School Building
688	Diamond Harbour-II	Noorpur		Noorpur Purbapara FP School	School Building
689	Diamond Harbour-II	Noorpur		Noorpur Sikshasadan FP School	School Building

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690	Diamond Harbour-II	Bhabanipur		Bhabanipur Vivek Bharati Vidyapith	School Building
691	Diamond Harbour-II	Bhabanipur		Bhabanipur South FP School	School Building
692	Diamond Harbour-II	Dakshin Shimulberia		Dakshin Shimulberia FP School	School Building
693	Diamond Harbour-II	Durgapur		Durgapur FP School	School Building
694	Diamond Harbour-II	Khanjapur		Khanjapur FP School	School Building
695	Diamond Harbour-II	Maheswara		Maheswara Priyanath Jr. High School	School Building
696	Diamond Harbour-II	Maheswara		Maheswara FP School	School Building
697	Diamond Harbour-II	Mukundapur		Mukundapur Bhabanipur FP School	School Building
698	Diamond Harbour-II	Mukundapur		Mukundapur State Plan FP School	School Building
699	Diamond Harbour-II	Nila		Nila Adarsha Jr. High School	School Building
700	Diamond Harbour-II	Nila		Nila Adarsha Jr. Basic School	School Building
701	Diamond Harbour-II	Purba Kankjole		Purba KankjoleFP School	School Building
702	Diamond Harbour-II	Roychak		Roychak FP School	School Building
703	Diamond Harbour-II	Roychak		Sahid Ashutosh Jr. Basic School	School Building
704	Diamond Harbour-II	Srifalberia		Srifalberia FP School	School Building
705	Diamond Harbour-II	Sukdevpur		Sukdevpur FP School	School Building
706	Mathurapur-II	Baradanagar	5715	Jata Nagendrapur High School	School Building
707	Mathurapur-II	Baribhanga Abad	6773	Baribhanga Bamacharan High School,Chouddarashi Jr Hs	School Building
708	Mathurapur-II	Chaplarkhop	4088	Subhasnagar High School (Mpcs)	Mpcs
709	Mathurapur-II	Dakshin Jaykrishnapur	5204	Dakshin Joykrishnapur A.N. Vidyapith	School Building
710	Mathurapur-II	Damkal	5936	Hemanta Kumari High School (Mpcs), Purba Sridharpur Jr. High School	Mpcs
711	Mathurapur-II	Dighirpar Bakultala	14080	Chapla High School, Dighirpar Karalirchak High School,	School Building
712	Mathurapur-II	Gilarchat	25897	Mukherchak Bd Hs, Sahachari Bihari Vidyapith	School Building

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713	Mathurapur-II	Istaranpur	1864	Istaranpur Kalyanipda Hs	School Building
714	Mathurapur-II	Jagannath Chak	1717	Narendrapur Milan Vidyapith (Mpcs)	Mpcs
715	Mathurapur-II	Kailaspur	3532	Mahabbat Nagar Kailashpur Milan Vidyapith,Kailashpur Jr Hs	School Building
716	Mathurapur-II	Kankandighi	12900	Kankandighi Babujan Sepai Hs, Paschim Jata Jogendrapur Jr Basic(Mpcs),Sundarbon Santosh Ghoroi Balika Vidyapith	Mpcs
717	Mathurapur-II	Kautala	11725	Kautala Ramkrishna Ashram Hs, Kautala Jr. Basic. Pakurtala Rk Ashram	School Building
718	Mathurapur-II	Khari	21900	Khanrapara Hs, Kashinagar Girls Hs, Khari Gunasindhu Balika Vidyapith,Khari Kalikapur High Madrasah	School Building
719	Mathurapur-II	Kumarapara	17682	Kumrapara Delwar Hossain Vidyapith (Mpcs), Panchpukur Jyotish Chandra Adibasi Msk, Uttar Madhya Kumrapara School,Kumrapara Jr Basic	Mpcs
720	Mathurapur-II	Madhusudan Chak	2603	Madhusudanchak Bhagabati Msk, Madhusudanchak School,	School Building
721	Mathurapur-II	Madpur	632	Kashinagar HS	School Building
722	Mathurapur-II	Mahabatnagar	4249	Mahabbat Nagar Kailashpur Milan Vidyapith,Kailashpur Jr Hs	School Building
723	Mathurapur-II	Nagendrapur	6041	Nagendrapur Hemantgakumari Hs (Mpcs),	Mpcs
724	Mathurapur-II	Nandakumarpur	5570	Nandakumarpur Hs,Nandakumarpur Jr Basic	School Building
725	Mathurapur-II	Naranpur	2327	Narayanpur School,	School Building
726	Mathurapur-II	Narendrapur	1868	Narendrapur Milan Vidyapith (Mpcs),Narendrapur School	School Building
727	Mathurapur-II	Pashchim Jatardeul	5797	Paschim Jata Jogendrapur Jr Basic(Mpcs), Jogendrapur Hs	School Building
728	Mathurapur-II	Purbba Jatardeul	6222	Jogendrapur HS,	School Building
729	Mathurapur-II	Purbba Shridharpur	5377	Purba Sridharpur Jr Basic, Nagendrapur Hemantakumari Hs(Mpcs)	Mpcs
730	Mathurapur-II	Radhakantapur Abad	8442	Bhadrapara Gilarchhat Hs, Radhakantapur Sarada Charan Vidyapith, Radhakantapur Jb,	School Building
731	Mathurapur-II	Raydighi Abad	20467	Raidighi Chandrakanta Hs, Raidighi College,Raidighi Srifaltala Sannyasi Gayen Balika Vidyapith,Raidighi Srifaltala Jr Basic	School Building
732	Mathurapur-II	Uttar Kashinagar	12231	Kashinagar Hs,Purandarpur Hhd Hs,Batiswar Sd Vidyapith	School Building
733	Falta	Padmapukur	1200	Padmapukur Baidyakhali High School	MPCS Not Exists
734		Goushpur	500	Padmapukur Baidyakhali High School	MPCS Not Exists
735		Ahmadpur	800	Ahmadpur Primary School	MPCS Not Exists

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736		Uttar Basulat	1000	Falta Vivekananda High School	MPCS Not Exists	
737		Dakshin Basulat	1200	Falta Vivekananda High School	MPCS Not Exists	
738		Shyamsundarpur	800	Shyamsundarpur Primary School	MPCS Not Exists	
739		Jalalpur	700	Jalalpur MSK	MPCS Not Exists	
740		Kamalpur	800	Kantakhali High Madrasah	MPCS Not Exists	
741		Gotala Rajarampur	1000	Gotala F.P School	MPCS Not Exists	
742		Magrahat-II	Katkina Iswaripur	1636	Baro Mukundapur FP Schoo;	School Building
743	Bankardar		1273	Baro Mukundapur FP Schoo;	School Building	
744	Dakshin Mukundapur		1811	Dhanpota FP School	School Building	
745	Abad Iswaripur		1819	Maiterhat High School	School Building	
746	Iswaripur		343	Maiterhat High School	School Building	
747	Abad Chandpur		347	Mallavpur Adarsha Vidyamandir	School Building	
748	Taldi		1568	Mallavpur Adarsha Vidyamandir	School Building	
749	Urelchandpur		4559	Mallavpur Adarsha Vidyamandir	School Building	
750	Purba Ramnathpur		1326	Purbaramnathpur F.P. School	School Building	
751	Jalashi		454	Amratala Gosaidas High School	School Building	
752	Paschim Kamarpukur		1302	Amratala Gosaidas High School	School Building	
753	Rajapur		1742	Amratala Gosaidas High School	School Building	
754	Parui		2395	Amratala Gosaidas High School	School Building	
755	Dihinarayani (Dhulakot)		1157	Mohanpur Kkgc Institution	School Building	
756	Uttar Radhanagar		6006	Radhanagar Bnm High School	School Building	
757	MAGRAHAT-I		HAYATNAGAR	2039	Hayatnagararsed Ali F.P. School	School Building
758	MAGRAHAT-I		AJODHANAGAR	2175	Rajarhat High Madrasha	School Building
759	MAGRAHAT-I				Hayatnagar Rajarhat F.P. School	School Building
760	MAGRAHAT-I	CHAKJAYEDI	3654	Chakjayedi F.P. School	School Building	
761	MAGRAHAT-I	SHIRAKOLE	12401	Shirakole F.P. School	School Building	
762	MAGRAHAT-I			Shirakole Junior Basic School	School Building	
763	MAGRAHAT-I			Piyajganj F.P. School	School Building	
764	MAGRAHAT-I			Shirakole Majherhat Bhandaripara F.P. School	School Building	
765	MAGRAHAT-I			Shirakole Y.N. High School	School Building	



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766	MAGRAHAT-I	CHAKHATURIA	2826	Chakhaturia J.F.High School	School Building
767	MAGRAHAT-I			Chakharuria F.P. School	School Building
768	MAGRAHAT-I	RAJARAMPUR	6422	Naraharipur Rajarampur F.P. School	School Building
769	MAGRAHAT-I			Rajarampur F.P. School	School Building
770	MAGRAHAT-I	KHELARAMPUR	5043	Ghatihariana F.P. School	School Building
771	MAGRAHAT-I			Paschim Khelarampur F.P. School	School Building
772	MAGRAHAT-I	NARAHARIPUR	1536	Beremara Ramchandra High School	School Building
773	MAGRAHAT-I			Rahamania High Madrasha	School Building
774	MAGRAHAT-I	RAMCHANDRAPUR	4703	Khelarampur F.P. School	School Building
775	MAGRAHAT-I			Ramchandra F.P. School	School Building
776	MAGRAHAT-I	BAKRABAD	1436	Sekendarpur F.P. School	School Building
777	MAGRAHAT-I	SHERPUR	7666	Tole F.P. School	School Building
778	MAGRAHAT-I			Sherpur Mudhapara F.P. School	School Building
779	MAGRAHAT-I			Sherpur Ramchandra High School	School Building
780	MAGRAHAT-I	YEARPUR	8879	Yearpur Chak Haturia F.P. School	School Building
781	MAGRAHAT-I			Uttar Yearpur F.P. School	School Building
782	MAGRAHAT-I			Pallisri F.P. School	School Building
783	MAGRAHAT-I			Masidhat Bm High School	School Building
784	MAGRAHAT-I	BALARAMPUR	2521	Sathati Maheshwara F.P. School	School Building
785	MAGRAHAT-I			Balarampur State Plan F.P. School	School Building
786	MAGRAHAT-I	RAJBALLAVPUR	2361	Rajballavpur Rangilabad F.P. School	School Building
787	MAGRAHAT-I			Paschim Rajballavpur F.P. School	School Building
788	MAGRAHAT-I	MAHESWARA	2697	Maheshwara Pragati Sangha F.P. School	School Building
789	MAGRAHAT-I	CHAK RAYPUR	2815	Chak Raypur F.P. School	School Building
790	MAGRAHAT-I	DHANDHANIA	1395	Masidhat F.P. School	School Building
791	MAGRAHAT-I	CHAKDEBUGHOSH	4326	Chakdebughosh F.P. School	School Building
792	MAGRAHAT-I			Harikrishna Sikshayatan F.P. School	School Building
793	MAGRAHAT-I	DASTURA	2558	Dastura F.P. School	School Building
794	MAGRAHAT-I	BAGARIA	2673	Bagaria Khargachhi F.P. School	School Building
795	MAGRAHAT-I	CHAK NARAHARIPUR	2561	Tafna F.P. School	School Building
796	MAGRAHAT-I	SRICHANDA	3141	Srichanda F.P. School	School Building
797	MAGRAHAT-I			Srichanda Mnm Institution	School Building

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798	MAGRAHAT-I	RUIPUKURIA BHATUGACHHI	2198	Ruipukuria Ssk	School Building
799	MAGRAHAT-I	BAICH BERIA	3141	Boichberia F.P. School	School Building
800	MAGRAHAT-I	GANDUYA	1063	Ganduya F.P. School	School Building
801	MAGRAHAT-I	SAPMARA	2445	Boichberia Sapmara Junior Basic School	School Building
802	MAGRAHAT-I			Boichberia Sapmara Sss B Upper Primary School	School Building
803	MAGRAHAT-I	RASA	3480	Rasa F.P. School	School Building
804	MAGRAHAT-I	DOGACHHA	3783	Dogachha F.P. School	School Building
805	MAGRAHAT-I			Rasa Dogachha F.P. School	School Building
806	MAGRAHAT-I			Baneswarpur Rdbpm Vidyapith Upper Primary School	School Building
807	MAGRAHAT-I	RAMNATHPUR	2485	Ramnathpur Srinath F.P. School	School Building
808	MAGRAHAT-I	PRATAPBERIA	2034	Pratapberia F.P. School	School Building
809	MAGRAHAT-I	BANESWARPUR	3743	Baneswarpur Junior Basic School	School Building
810	MAGRAHAT-I	DIHI SARISHAPARA	2053	Malangi Sarishapara F.P. School	School Building
811	MAGRAHAT-I			Dihi Sarishapara F.P. School	School Building
812	MAGRAHAT-I	DAKSHIN KESHILI	3764	Keshili Emdadia High School	School Building
813	MAGRAHAT-I			Keshili F.P. School	School Building
814	MAGRAHAT-I	KESHILI	3475	Uttar Keshili F.P. School	School Building
815	MAGRAHAT-I			Keshili Barkatia High Madrasha	School Building
816	MAGRAHAT-I	HIJALHAT	2741	Hijalhat Ssk	School Building
817	MAGRAHAT-I	MAHESHDARI	4014	Keshili Barkatia Senior Madrasha	School Building
818	MAGRAHAT-I			Pratapberia Maheshdari F.P. School	School Building
819	MAGRAHAT-I			Dastura Maheshdari F.P. School	School Building
820	MAGRAHAT-I	HARIHARPUR	4127	Amtoali F.P. School	School Building
821	MAGRAHAT-I			Hariharpur F.P. School	School Building
822	MAGRAHAT-I	DAKSHIN GOPINATHPUR	2373	Gopinathpur F.P. School	School Building
823	MAGRAHAT-I	BISHNUPUR	2253	Rajballavpur R.R.M. High School	School Building
824	MAGRAHAT-I			Garkhali Ramnathpur F.P. School	School Building
825	MAGRAHAT-I	RANGILABAD	4307	Rangilabad F.P. School	School Building
826	MAGRAHAT-I			Sibpur F.P. School	School Building
827	MAGRAHAT-I	BELIA & KAMALPUR	2245	Belia F.P. School	School Building
828	MAGRAHAT-I	ALAMPUR	1860	Alampur F.P. School	School

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
					Building
829	MAGRAHAT-I	UTTAR BISHNUPUR	2147	Bishnupur F.P. School	School Building
830	MAGRAHAT-I	BISHNUPUR GHOSH PARA	4550	Uttar Bishnupur Ssk	School Building
831	MAGRAHAT-I	CHAKDAHA	2344	Chakdaha F.P. School	School Building
832	MAGRAHAT-I	JAGADISHNAGAR	2533	Kuleswar Krishnapur F.P. School	School Building
833	MAGRAHAT-I	USTHI	6020	Usthi F.P. School	School Building
834	MAGRAHAT-I			Usthi Kajipara F.P. School	School Building
835	MAGRAHAT-I	NAINANPUR	6716	Nainanpur Nutan F.P.School	School Building
836	MAGRAHAT-I			Usthi Kcpm High School	School Building
837	MAGRAHAT-I	NAZRA	5846	Nainanpur Puratan F.P. School	School Building
838	MAGRAHAT-I			Nazra Rojihat Junior Basic	School Building
839	MAGRAHAT-I			Nazra F.P. School	School Building
840	MAGRAHAT-I	PADUMA	4646	Paduma F.P. School	School Building
841	MAGRAHAT-I	DEULA	4437	Ujilberia F.P. School	School Building
842	MAGRAHAT-I			Deula Nutan F.P. School	School Building
843	MAGRAHAT-I			Deula F.P. School	School Building
844	MAGRAHAT-I	KANPUR	2071	Kanpur Palli- Mangal F.P. School	School Building
845	MAGRAHAT-I	KEYAKONA	2058	Keyakona Pairachali F.P. School	School Building
846	MAGRAHAT-I	JAHANGIRGARH	2382	Jahangirgarh F.P. School	School Building
847	MAGRAHAT-I	BAHIRGACHHI	6047	Joyenkur F.P. School	School Building
848	MAGRAHAT-I			Uttar Kusum F.P. School	School Building
849	MAGRAHAT-I	BARIJPUR	2058	Barijpur Kanpur F.P. School	School Building
850	MAGRAHAT-I	GHOLA NOAPARA	1799	Ghola Noapara Girls High Madrasha	School Building
851	MAGRAHAT-I			Ghola Noapara F.P. School	School Building
852	MAGRAHAT-I	UTTAR KUSUM	6010	Uttar Kusum Nutan F.P. School	School Building
853	MAGRAHAT-I			Uttar Barijpur F.P. School	School Building
854	MAGRAHAT-I			Uttar Kusum High School	School Building
855	MAGRAHAT-I	BAHARAMPUR	2210	Baharampur F.P. School	School Building
856	MAGRAHAT-I	SAMASHAT	1641	Sangrampur F.P. School	School Building
857	MAGRAHAT-I	KALIKAPOTA	17800	Jalghara Gandhi F.P. School	School Building
858	MAGRAHAT-I			Saptagram Usufia F.P. Scschool	School Building
859	MAGRAHAT-I			Saptagram High School	School Building

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multipurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
860	MAGRAHAT-I			Kalikapota F.P. School	School Building
861	MAGRAHAT-I			Paschim Kalikapota F.P. School	School Building
862	MAGRAHAT-I			Kachua F.P. School	School Building
863	MAGRAHAT-I			Tala F.P. School	School Building
864	MAGRAHAT-I			Kachua Khanpur F.P. School	School Building
865	MAGRAHAT-I	KHANPUR	2246	Saptagram D.U. Senior Madrasha	School Building
866	MAGRAHAT-I			Kachua Khanpur Junior High School	School Building
867	MAGRAHAT-I	KANTHALBERIA	2840	Kanthalberia F.P. School	School Building
868	MAGRAHAT-I	JALGHORA	4164	Tala Tullyan F.P. School	School Building
869	MAGRAHAT-I	SARACHI BHAGABANPUR	2133	Sarachi Ambika Charan High School	School Building
870	MAGRAHAT-I	MAYALA	2293	Mahishamuri F.P. School	School Building
871	MAGRAHAT-I	HATUGANGE	3346	Hatugange Mnk High School	School Building
872	MAGRAHAT-I			Sarachi Bhagabanpur F.P. School	School Building
873	MAGRAHAT-I			Hatugange Girls High School	School Building
874	MAGRAHAT-I	GHATAKPUR	4486	Ghatakpur Vidyapith Upper Primary School	School Building
875	MAGRAHAT-I			Hatuganj F.P. School	School Building
876	MAGRAHAT-I			Jogaria F.P. School	School Building
877	MAGRAHAT-I			Gopalnagar F.P. School	School Building
878	MAGRAHAT-I	BASUDEBPUR	2283	Malaya Dhora F.P. School	School Building
879	MAGRAHAT-I	ATPARA	3437	Basudebpur F.P. School	School Building
880	MAGRAHAT-I			Ghatakpur F.P. School	School Building
881	MAGRAHAT-I			Sarberia F.P. School	School Building
882	MAGRAHAT-I			Ektara Malaya F.P. School	School Building
883	MAGRAHAT-I	GOPALNAGAR	3741	Ghatakpur F.P. School	School Building
884	MAGRAHAT-I			Gopal Nagar B.M. High School	School Building
885	MAGRAHAT-I			Jogaria F.P. School	School Building
886	MAGRAHAT-I			Haripur F.P. School	School Building
887	MAGRAHAT-I	MAHISHAMURI	4634	Sadhukhar Dari F.P. School	School Building
888	MAGRAHAT-I			Atpara F.P. School	School Building
889	MAGRAHAT-I	BAHIRPUA	1839	Bahirpua F.P. School	School Building
890	MAGRAHAT-I	HARIPUR	8094	Haripur F.P. School	School Building
891	MAGRAHAT-I			Morapai Loreto Junior Girls High School	School Building

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
892	MAGRAHAT-I			St. Patrick Balika F.P. School	School Building
893	MAGRAHAT-I			Morapai St. Patrick High School	School Building
894	MAGRAHAT-I			Choukitala F.P. School	School Building
895	MAGRAHAT-I			Bamna F.P. School	School Building
896	MAGRAHAT-I	BAMNA	8491	Banspalla F.P. School	School Building
897	MAGRAHAT-I			Uttar Bamna F.P. School	School Building
898	MAGRAHAT-I	BAMNA & HARIPUR	1449	Hatnagar F.P. School	School Building
899	MAGRAHAT-I	LAKSHMIKANTAPUR	1730	Lakshmikantapur F.P. School	School Building
900	MAGRAHAT-I	AGRADANI	2029	Agradani F.P. School	School Building
901	MAGRAHAT-I	SADA SHIBPUR	3090	Balarampur B.M. F.P. School	School Building
902	Mandirbazar Block, South 24 Pgs.	Bade Maheshpur	2565	Bade Maheshpur FP School	School Building
903	Mandirbazar Block, South 24 Pgs.	Inayetpur	655	Inayetpur Janakinath FP School	School Building
904	Mandirbazar Block, South 24 Pgs.	Krishnarampur	1216	Krishnarampur FP School	School Building
905	Mandirbazar Block, South 24 Pgs.	Dhananjaypur	1109	Dhananjaypur FP School	School Building
906	Mandirbazar Block, South 24 Pgs.	Uttar Shyampur	862	Panchnan High School	School Building
907	Mandirbazar Block, South 24 Pgs.	Chapanagar	546	Chapanagar FP School	School Building
908	Mandirbazar Block, South 24 Pgs.	Dulalpur	3906	Dulalpur FP School	School Building
909	Mandirbazar Block, South 24 Pgs.	Sadashivpur	4565	Sadashivpur FP School	School Building
910	Mandirbazar Block, South 24 Pgs.	Bhagabatipur	803	Bhagabatipur MSK	School Building

Sl No.	Name of Block/ Municipality	Name of the Village/Ward	Population	Multijpurpose Cyclone Shelter/Relief Shelter Identified For Shifting/Evacuation For Village/Ward	Remarks
911	Mandirbazar Block, South 24 Pgs.	Dhopahat	788	Dhopahat FP School	School Building
912	Diamond Harbour-I	Parulia	20501	Parulia	School Building
913	Mathurapur-I Dev Block	Nil	Nil	Nil	Nil

### **List of Heritage, South 24 Parganas**

<i>Sl. No.</i>	<i>Name of the heritage site</i>	<i>Location and address</i>
1	Parental Home of Netaji Subhas Chandra Bose	Kodialia under Rajpur-Sonarpur Municipality
2	Residential house of Shibnath Shastri	Shibnath Shastri Sarani Plot No. 938, Ward No. 02 P.S- Jaynagar Majilpur, Under Jaynagar Majilpur Municipality
3	House of Biplabi Kanailal Bhattacharjee	House of Biplabi Kanailal Bhattacharjee Road, Plot No. 1234, Ward No. 5, P.S- Jaynagar Majilpur, Under Jaynagar Majilpur Municipality
4	District Judge's Court Building	Alipore
5	Red Building	Alipore
6	Radhakanta Temple	Sarisha , South 24 Parganas
7	Laxmi Narayan Mandir	Kamarpole, Sarisha, South 24 Parganas

## Stock Position of Relief Materials as on 28-05-2023

Sl. No.	Name of the Block	Tarpaulin (Pcs.)	Dhuti (Pcs.)	Saree (Set)	Children's Garments (Pcs.)		Lungi (Pcs.)	Balankets (Pcs.)	Male Wrapper	Bed Sheet (Pcs.)	S.Kamiz	Kurti Leggings	Pajama Panjabi	DM Kits	Spl. Gr (Rice) M.T	Normal. Gr (Wheat) M.T	Cash GR
					Boys'	Girls'											
1	BDO Baruipur	1380	24	246	90	119	138	103	0	247	0	22	0	2014	7.608	0	20000
2	BDO Sonarpur	385	85	491	165	156	151	229	0	252	0	369	0	15	20	0	0
3	BDO Joynagar-I	488	7	130	120	103	10	30	16	198	56	80	60	126	9.598	0	0
4	BDO Joynagar-II	417	232	215	196	214	251	164	12	98	0	0	309	76	51.21	0	2600
5	BDO Bhangore-I	480	71	363	461	0	202	74	2	395	0	507	210	787	0.109	0	7608
6	BDO Bhangore-II	1194	0	170	96	96	26	121	99	269	0	507	16	105	15.214	0	1720
7	BDO Kultali	4681	0	754	401	421	218	198	0	321	12	411	10	174	43.452	0	9400
8	Baruipur (M)	345	200	0	70	70	45	0	50	0	110	130	110	0	1	0	0
9	Rajpur-Sonarpur (M)	195	15	0	100	100	30	0	8	0	0	0	0	0	1	0	0
10	Joynagar -Majilpur (M)	25	325	75	111	111	0	0	0	0	130	130	130	0	0	0	0
	S.D.O. Baruipur	<b>12900</b>	<b>155</b>	<b>1200</b>	<b>1500</b>	<b>1500</b>	<b>80</b>	<b>700</b>	<b>15</b>	<b>1000</b>	<b>0</b>	<b>4400</b>	<b>400</b>	<b>500</b>	<b>105</b>	<b>0</b>	<b>100000</b>
	<b>Sub-division total</b>	<b>22490</b>	<b>1114</b>	<b>3644</b>	<b>3310</b>	<b>2890</b>	<b>1151</b>	<b>1619</b>	<b>202</b>	<b>2780</b>	<b>308</b>	<b>6556</b>	<b>1245</b>	<b>3797</b>	<b>254.191</b>	<b>0</b>	<b>141328</b>
1	BDO, Kakdwip.	2575	60	1179	736	611	328	449	0	657	186	355	446	70	70.688	0	8800
2	BDO, Namkhana.	1085	560	489	944	945	1045	455	1525	0	187	950	369	25	69.355	0	0
3	BDO, Sagar	3183	1086	210	2801	3120	2086	0	529	3716	1809	1205	1114	4976	0.248	0	0
4	BDO, Patharpratima	496	99	0	102	177	795	777	354	903	182	149	422	2343	71.57	0	10440
	SDO, Kakdwip.	1133	600	700	1000	1000	833	200	500	500	100	1000	200	150	223.442	0	0
	<b>Sub-division total</b>	<b>8472</b>	<b>2405</b>	<b>2578</b>	<b>5583</b>	<b>5853</b>	<b>5087</b>	<b>1881</b>	<b>2908</b>	<b>5776</b>	<b>2464</b>	<b>3659</b>	<b>2551</b>	<b>7564</b>	<b>435.303</b>	<b>0</b>	<b>19240</b>
1	Bishnupur-I	2485	550	290	181	187	218	92	115	500	208	35	586	13	6.648	0	13080
2	Bishnupur-II	528	134	1892	1035	1072	1024	-1942	452	5000	0	1024	160	378	3.5	0	25040
3	Budge Budge-I	4852	1200	300	300	300	300	735	0	300	0	300	0	500	0	0	0
4	Budge Budge-II	2446	613	1447	833	947	670	0	5	775	0	1102	1040	28	8.948	0	15600
5	Thakurpukur Maheshstala	450	0	0	0	0	0	6	0	0	0	0	0	824	10.5	0	10280
6	Budge Budge (M)	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	Pujali (M)	15	0	0	0	0	0	0	0	0	0	100	0	0	0	0	0
8	Maheshstala (M)	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	S.D.O (Sadar)	<b>10500</b>	<b>0</b>	<b>3400</b>	<b>0</b>	<b>0</b>	<b>900</b>	<b>0</b>	<b>0</b>	<b>1900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>0</b>	<b>0</b>
	<b>Sub-division total</b>	<b>21296</b>	<b>2497</b>	<b>7329</b>	<b>2349</b>	<b>2506</b>	<b>3112</b>	<b>-1109</b>	<b>572</b>	<b>8475</b>	<b>208</b>	<b>2561</b>	<b>1786</b>	<b>1743</b>	<b>59.596</b>	<b>0</b>	<b>64000</b>
1	Diamond Harbour-I	2643	0	74	0	0	0	199	74	0	0	0	0	0	171.32	0	7240
2	Diamond Harbour-II	1801	36	193	116	123	51	41	103	160	28	930	53	1975	47.91	0	0
3	Falta	2840	28	951	750	752	400	3	720	0	3	450	36	0	1	0	600
4	Magrahat-I	4480	0	711	290	293	220	330	148	494	0	387	0	190	2	0	18480
5	Magrahat-II	1556	116	861	449	537	435	213	121	743	8	269	67	0	29.974	0	24600
6	Mandirbazar	3009	1616	3394	2197	1918	1307	250	0	2038	823	2046	1718	842	37.558	0	7080
7	Kulpi	265	230	167	240	86	257	82	240	200	100	80	165	0	-0.68	0	0
8	Mathurapur-I	1777	62	664	451	337	337	104	351	300	380	520	316	206	10.157	0	14400
9	Mathurapur-II	2533	1539	1730	423	481	630	988	1130	0	256	564	146	37500	24.122	0	5040
10	Diamond Harbour (M)	445	476	73	339	337	770	429	100	184	0	770	469	500	4.7	0	0
11	Sub-Divisional Office, DH	4354	35	426	154	25	426	315	604	0	308	230	315	0	90	0	0
	<b>Sub-division total</b>	<b>25703</b>	<b>4138</b>	<b>9244</b>	<b>5409</b>	<b>4889</b>	<b>4833</b>	<b>2954</b>	<b>3591</b>	<b>4119</b>	<b>1906</b>	<b>6246</b>	<b>3285</b>	<b>41213</b>	<b>418.061</b>	<b>0</b>	<b>77440</b>
1	Canning-I	2100	0	300	28	8	0	319	0	300	9	18	9	0	5.633	0	21800
2	Canning-II	6990	248	3087	1580	1573	880	990	0	1720	0	300	283	9950	15.4	0	24500
3	Basanti	7291	114	1611	824	898	981	772	0	1774	0	1067	251	91	102.46	0	2462
4	Gosaba	5053	508	0	77	187	50	0	471	418	126	68	368	8231	14.396	0	2044
	S.D.O. Office, Canning	4300	0	0	2500	2500	1000	300	0	0	0	1000	0	0	45	0	0
	<b>Sub-division total</b>	<b>25734</b>	<b>870</b>	<b>4998</b>	<b>5009</b>	<b>5166</b>	<b>2911</b>	<b>2381</b>	<b>471</b>	<b>4212</b>	<b>135</b>	<b>2453</b>	<b>911</b>	<b>18272</b>	<b>182.889</b>	<b>0</b>	<b>50806</b>
	<b>District H.Q.</b>	<b>952</b>	<b>120</b>	<b>185</b>	<b>45</b>	<b>45</b>	<b>60</b>	<b>974</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>45</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Grand Total</b>	<b>104647</b>	<b>11144</b>	<b>27978</b>	<b>21705</b>	<b>21349</b>	<b>17154</b>	<b>8700</b>	<b>7744</b>	<b>25362</b>	<b>5021</b>	<b>21475</b>	<b>9823</b>	<b>72560</b>	<b>1197.082</b>	<b>0</b>	<b>352814</b>

## **New approach for shelter management in Multipurpose Cyclone Shelter (MPCS) due to Covid-2019**

Due to severe outbreak of pandemic Covid-19 which spread in West Bengal in the middle of March, 2020, the need for accommodation of people in MPCS as quarantine centre has become inevitable those who are entering in West Bengal from other States of India.

The Multipurpose Cyclone Shelter (MPCS) so constructed in coastal blocks are used during natural calamity period with highest possible number of people.

But during Covid-19 period these MPCSs are being used as quarantine centre with migrant labourers as well as other people. Therefore, it is instructed by the State Authority that henceforth these should be used by maintaining social distancing, uses of hand sanitizer and other parameters as well as will be guided by health officials of this district.

Hence, all the Block authorities who own these MPCSs are requested to identify high rise building/ schools buildings nearer to MPCS for accommodation during quarantine centers for preventive measures for Covid-19.



## Contact details of Divers, South 24 Pgs

Sl. No	Name	Name Of The Block	Phone No	Subdivision
1	Krishna Halder	DH II	8768088245	D/Harbour
2	Subrata Baidy	DH Municipalty	8617394095	D/Harbour
3	Prosenjit Das	Falta	7908611214	D/Harbour
4	Tarip Ali Gayan	Kulpi	8512987186	D/Harbour
5	Sajedul Sk	Kulpi	9679044763	D/Harbour
6	Pintu Das	DH Municipalty	6296205110	D/Harbour
7	Trip Ali Gayan	Basanti	9088979406	Canning
8	Dipankar Sarder	Basanti	9647018421	Canning
9	Subhankar Mondal	Gsaba	8479960531	Canning
10	Supriyo Halder	Gsaba	9234135892	Canning
11	Prosanto Mridha	Basanti	9775044388	Canning
12	Ramesh Monadl	Canning I	9547576191	Canning
13	Shovan Dev Sardar	Canning I	6291189731	Canning
14	Dipankar Mridha	Canning I	6291136081	Canning
15	Ratan Halder	Barupur	8768530653	Baruipur
16	Avijit Sardar	Sonarpur	8777021942	Baruipur
17	Bidesh Barik	Sonarpur	8910873183	Baruipur
18	Nemai Halder	Fultala	9674343842	Baruipur
19	Amaresh Sardar	Joynagar I	7431072726	Baruipur
20	Rahul Dev Pal	Sonarpur	9836259178	Baruipur
21	Subhankar Mondal	Kakdwip	9126424136	Kakdwip
22	Sumen Maity	Kakdwip	9874603223	Kakdwip
23	Sanjib Das	Sagar	8972232201	Kakdwip
24	Arpan Kumar Mondal	Patharpratima	8436443427	Kakdwip
25	Bappa Barik	Budge Budge II	8910866466	Alipore Sadar
26	Raj Banik	Budge Budge I	8910500146	Alipore Sadar
27	Subho Das Sharma	Budge Budge I	6291189731	Alipore Sadar
28	Rakesh Kr Sah	Budge Budge I	8249938878	Alipore Sadar
29	Srimanta Shee	Bishnupur I	9748963986	Alipore Sadar

## Wholesale Distrubutor of Baby Food, South 24 Parganas

<i>Sl. No.</i>	<i>Name of sub-division</i>	<i>Name of the distributor</i>	<i>Mobile Number</i>
1	Canning	J.C. Dalal	7001223581 9332973939
2	Baruipur	Rahul Khasar	9933984572
3	Baruipur	Mithun	9836570548
4	Baruipur	Ashutosh Saha, Durga Stores	9432140286
5	Baruipur	Farha Traders, Abdul Matin Molla	9932460162
6	Kakdwip	Jayanta Biswas	9732546350
7	Baruipur	Das & Co. Palash	9434564059
8	Baruipur	Sourav Das	9474151116
9	Diamond Harbour	Mitali Store, Pintu Halder	9932181920
10	Diamond Harbour	Pal Medical, Suprabhat Pal	7585060923 9800405364
11	Diamond Harbour	Ram Krishna Mudikhana, Shyam Ghosh	9647561443
12	Diamond Harbour	Sailen Saha,	7001208021
13	Diamond Harbour	Suwendu, Bijaygunj Bazar	9932716476
14	Diamond Harbour	Prayojoni, Dh Station Bazar	9434621584
15	Diamond Harbour	Beauty Stores, Dh Station Bazar	9593225949
16	Diamond Harbour	Prayojoni -Diamond Harbour Station Bazar	9434621584
17	Diamond Harbour	Beauti Stores - Diamond Harbour Station Bazar	9593225949
18	Mandir Bazar	Bijoygunge Bazar(Ghateswar)	Suwendu -9932716476
19	Diamond Harbour-II	Mitali Store Sarishahat	Pintu Halder - 9932181920
20	Diamond Harbour-II	Pal Medical Sarisha	Suprabhat Pal-7585060923/ 9800405364
21	Diamond Harbour-II	Ramkrishna Mudi Khana Sarisha	Shayom Ghosh- 9647561443
22	Kulpi	Kulpi Bazar Near Bdo Office	Sailen Saha-7001208021
23	Falta	Laxmi Enterprise-Bhadura More	9933004818
24	Falta	Sri Durga-Harindanga Bazar	9163058787
25	Falta	Naskar Enterprise -Sahararhat	9830824681
16	Sadar	Naba Giri, Kanyanagar Down Amtala	
17	Sadar	P. C. Saha, East Bishnupur, Shibtala	9874636497, 9804311840

## Contact Details of State E.O.C, Nabanna & Others

Sl. No.	Name	Contact No.
1	Sri Dushanta Nariala, Pr. Secretary	9073940000
2	Sri Sital Chandra Mondal, Spl. Secretary	8617259428
3	Sri Mrinal Kanti Rano, Addl. Secretary	8617259428
4	Sri Swapan Malik, Jt. Secretary	8017824282
5	Sri Asmin Bala, Dy. Secretary	8637065545
6	Sri Indranil Basu, P.S. to MIC	8670875023
7	State E.O.C, Nabanna	033-22143526 mail id: eoc.dm-wb@gov.in
8	Sri Palden Sherpa, Director, Disaster Management	9434467150 9434467150
9	Lalbazar Control Room for DMG Kolkata	033-2262-5561 mail id: ddodcpcombatkps@gmail.com

### Contact Details of Staff Officer Cum Instructor Civil Defence, Alipore, South 24-Parganas.

Sl. No.	Name	Contact No.
1	Shounik Mondal	9836985935
2	Nilanjan Chakraborty	9804082489
3	Tanmay Patra	8900355574
4	Avirup Mandal	7872154478
5	Indrajit Mishra	8436795916
6	Anirban Panda	9679394253

<b>CONTACT DETAILS OF INDUSTRIES &amp; FACTORIES UNDER SOUTH 24 PARGANAS District</b>				
Sl. No.	Name	Name of the factory with address	Designation	Contract Number
1	Ajit Kr. Rai	Mundial Export & Import Finance Pvt. Ltd. , 9/1A, P.N. Banerjee Road, Budge Budge, Dist.- South 24-Pgs. , 743319	Terminal Manager	9630009997
2	Anjan Kr. Saha	J.R.E. Tank Terminal Pvt. Ltd., 14, P.N.Banerjee Road, Budge Budge, South 24-Pgs., 700137	Manager	9433479693
3	T.K. Mukherjee	S.K. Oil Terminal Pvt. Ltd., 14 P.N. Banerjee Road, Budge Budge, South 24-Pgs., 743319	Genera Manager	9830021201
4	Sanjay Das	IFB Industries Ltd., Gangarampur, South 24-Pgs., 743503	Manager	8100415551
5	Shikharan Dakua	Indian Oil Corporation Ltd., LPG Bottling plant Buita, Budge Budge, South 24-Pgs.	Chief Manager	9830971984
6	Joy Bhowmik	Hindustan Storage and Distribution Company Ltd., 23 A.M. Ghosh Road, Budge Budge, South 24-Pgs., 700137	Senior Officer H.R. & Administration	9051131166
7	Smit Binayak Endow	Indian Oil Corporation Ltd. (Marketing Division), Chitra gaunge Pipe Line Terminal, 35/A D.B.C. Road, Budge Budge, South 24-Pgs., 700137	Chief Manager	9830152072
8	Souparna Roy	Bharat Petroleum Corporation Ltd., Budge Budge Installation, South 24-Pgs., 743319	Chief Manager	9836809687
9	Syed Adnan Haque	Hindustan Petroleum Corporation Ltd., 28 Desh Bandhu Chittaranjan Road, Budge Budge, South 24-Pgs.	Asst Manager	9472733947

## **★ Action plans regarding Cold wave / Frost Wave**

- A.** Receiving of message / advisory from IMD, Alipore & others: During summer / winter season we receive messages / advisory from IMD, Alipore and others through State-of-the Art Control room mobile phone.
- B.** Dissemination of messages / advisory of Cold wave / Frost & Heat wave:  
Soon after receiving of messages / advisory of Cold wave / Frost & Heat wave from authority Concerned, we then and there disseminate the message / advisory from State-of-the Art Control room to all line departmental Officers / Sub-Divisional Officers / Block Development Officers / Gram Panchayat Prodhans and other stake holders for information.
- C.** Action to be taken by community as prevention and management of Cold wave / Frost & Heat wave will be issued from District Head Office.

### **Dos & Don'ts for Cold Wave**

#### **Dos:**

#### **Before:**

- Have adequate winter clothing.
- Multiple layers of clothing are also useful.
- Have emergency supplies ready.

#### **During:**

- Stay indoor as much as possible, minimize travel outside to prevent exposure to Cold wind.
- Keep dry. If wet, change cloths quickly to prevent loss of body heat.
- Prefer mittens over gloves; mittens provide more warmth and insulation from Cold / Cold wind.
- Listen to radio, watch T.V. read newspapers for weather updates.
- Drink hot drinks regularly.
- Take care of elderly people and children.
- Store adequate water as pipes may freeze.
- Watch out for symptoms of frostbite like numbness, white or pale appearance on fingers, toes, ear lobes and the tip of the nose.
- Put the areas affected by frostbite in warm not hot water (the temperature should be comfortable to touch for unaffected parts of the body.)

### **In the case of Hypothermia**

- Get the person into a warm place and change his / her clothes.
- Warm the person's body with skin-to-skin contact, dry layers of blankets, clothes, towels, or sheets.
- Give warm drinks to help increase body temperature. Do not give alcohol.
- Seek medical attention if the condition worsens.

### **Don'ts:**

- Don't drink alcohol. It reduces your body temperature.
- Do not massage the frostbitten area. This can cause more damage.
- Do not ignore shivering. It is an important first sign that the body is losing heat and a signal to quickly return indoors.

### **Dos and Don'ts for Cold wave / Ground frost conditions in Agriculture**

#### **Dos:**

- Apply light and frequent irrigation / sprinkler irrigation in the evening hours to protect the crops from cold injury.
- Cover young fruit plants with straw / polythene sheets / gunny bags.
- Cover banana bunches with porous polythene bags.
- In rice nursery: cover the nursery beds with polythene sheet during night and remove in the morning. Irrigate the nursery beds in the evening and drain out the water in the morning.
- To protect sensitive crops like mustard, rajmah and gram from frost attack, spray dilute Sulphuric Acid @ 0.1% (1 liter H<sub>2</sub>SO<sub>4</sub> in 1000 liters of water).

#### **Don'ts:**

- Do not apply nutrient to soil during cold weather, plant can't uptake due to poor root activity.
- Do not disturb the soil; loose surface reduces the conduction of heat from lower surface.

## **Animal Husbandry**

### **Dos:**

- Keep cattle inside the sheds during night and provide dry bedding to protect them from cold.
- Increase protein level and minerals in the feed concentrate to keep the animals healthy to cope up with the cold condition.
- Give animals mineral mixture along with salt regularly and also wheat grains.
- In Poultry, keep the chicks warm by providing artificial light in the poultry sheds.

### **Don'ts:**

- Do not allow cattle / goats grazing during morning hours.
- Do not keep cattle / goat in the opening during night time.