



WEST BENGAL STATE DISASTER MANAGEMENT PLAN 2023



DEPARTMENT OF DISASTER MANAGEMENT
AND CIVIL DEFENCE
GOVERNMENT OF WEST BENGAL

STATE DISASTER MANAGEMENT PLAN 2023

**DEPARTMENT OF DISASTER MANAGEMENT
AND CIVIL DEFENCE**

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PREFACE

It gives me great pleasure to present the State Disaster Management Plan of the Department of Disaster Management & Civil Defence, West Bengal and also to inform you that through this plan, the Department of Disaster Management & Civil Defence has attained remarkable and distinct height of achievement under the guidance and inspiration of our Visionary Hon'ble Chief Minister Smt. Mamata Banerjee.

The State Disaster Management Plan is a dynamic and actionable document which is being periodically updated and revised as per the changing scenario of disaster management. This plan is specially documented keeping in view of Disaster Risk Reduction and Crisis Management Programme for mitigation of hardship of the Disaster affected people.

The multi hazard profile of the state of West Bengal and its unique geographical location is now well known. The proneness of multiple disasters caused by natural and human induced factors aggravated by climate change pose many threats and challenges for communities and agencies involved in management of disasters. With the enactment of Disaster Management Act 2005 and adoption of National Disaster Management Policy 2009 Government of West Bengal has established improved institutional arrangement to deal with any threatening disaster situation.

It is imperative to say that the true usefulness of the plan lies in the actual implementation and reduce the sufferings of mass effected by the disasters frequently. The population owes its vulnerability to physical and socio-economic scenario of their living. For this, a holistic approach of Disaster Risk Reduction is required, which involves the development of plans and policies by all department and agencies who are involved in the Management cycle of Disaster. Mainstreaming of disaster risk reduction is therefore necessary. Under the aegis of State Disaster Management Authority, all the Departments are being involved in preparing this comprehensive plan.

It has been observed that whenever the state of West Bengal has faced a challenging situation like natural and man made Disasters, all the officers, staff and personnel of this Department responded to the call of the situation very promptly, wholeheartedly and with its highest ability, maintaining well coordination with all concerned line Departments and other supporting agencies. The department has adopted a holistic approach that includes community awareness and involvement of all stake holders to enhance disaster preparedness at all level of administrative set-up.

I take this opportunity to express my gratitude to Honorable Chairperson of SDMA Smt. Mamata Banerjee and all Honorable member of SDMA for their continuous guidance and support.

I also appreciate efforts of all Senior Executives, Officers, Staff, and Volunteers who appreciably contributed to achieve such tremendous tasks throughout the year as well as preparing this plan.

I am hopeful that the State Disaster Management Plan will be immensely helpful as a brief valuable guide to our management and development of strategic steps towards prevention, handling of disaster and minimizing the suffering of the calamity-stricken people in its future journey.



JAVED AHMED KHAN

Minister-in-Charge

Department of Disaster Management & Civil Defence
Government of West Bengal

FOREWORD

Different parts of West Bengal are vulnerable to the natural calamities like Flood, Cyclonic Storms, Earthquake, Landslide, Drought and River Embankment Erosion. In fact there are multiple High Risk Multi Hazard Zones.

Apart from these natural hazards there are also chances of man-made disasters or accidents like Major Fire, Industrial Accidents, Terrorist Attacks etc.

This State Disaster Management Plan, West Bengal, has been prepared with an aim to tackle natural disasters with a scientific approach and with the help of understanding. This Plan should be useful to tackle the multi-hazard vulnerabilities taking into consideration the factors like ever-growing population, rapid urbanization, increasing industrialization, development within high risk zones, environmental degradation, climate change, state and national security, economy and sustainable development.

The objective of the State Disaster Management Plan, West Bengal is to facilitate execution of activities for prevention, preparedness, operations, coordination, and community awareness and involvement in respect of natural calamity of the State.

In preparing the Plan, the existing system has been studied, the prevailing documents and various stakeholders were consulted. More than 30 departments have their own disaster management plan.

The framework of the plan is based on the paradigm shift in Management of Disaster from a relief centric approach to preparedness, prevention and mitigation, in terms of the surrounding as laid down in the Disaster Management Act 2005. The team has followed the guidelines for preparing State Disaster Management Plans issued by the National Disaster Management Authority and other State Government's Disaster Management Plans.

It may be noted that West Bengal is the only State where there is a separate Department of Disaster Management and Officers are deployed up to Block level. All the activities related to Disaster being carried out through the Department of Disaster Management and Civil Defence up to the Grass root level. WBSDMA being the highest level constituted body to monitor the activities of the State.

The State Disaster Management Plan is associated with Departmental Disaster Management Plans, District Disaster Management Plans and State Disaster Management Networks. This is a general framework, specialized action points would be available in District Disaster Management Plans and Different Departmental Disaster Management Plans.

This plan will also be available at the departmental website for everyone.

Dushyant Nariala, IAS
Principal Secretary
Department of Disaster Management & Civil Defence

Introduction

This plan will be known as “West Bengal State Disaster Management Plan” and will be applicable in and only in the state of West Bengal.

Background:

The Disaster Management Act, 2005 (DM Act 2005) lays down institutional and coordination mechanism for effective Disaster Management (DM) at the national, state, district and local levels. As mandated by the Act multi-tiered institutional system consisting of the National Disaster Management Authority (NDMA) headed by the Prime Minister, the State Disaster Management Authorities (SDMAs) headed by the respective Chief Ministers and the District Disaster Management Authorities (DDMAs) headed by the respective District Collectors and co-chaired by Chairpersons of the local bodies has been put in place.

Vision:

The vision is to build a safer and disaster resilient State by developing a holistic, proactive, multi-disaster and technology driven strategy for Disaster Management. This will be achieved through a culture of prevention, mitigation and preparedness to reduce the impact of disasters on people.

West Bengal has 23 Districts covering 68 Sub-divisions, 345 Blocks, 07 Municipal Corporation, 121 Municipalities/ Notified area Authority, 3,339 Gram Panchayats and 508 Police Stations. The total area of the state is 88,752 sq km having a population of nearly 100 million people of which about 68.13 % live in the rural areas with a population density of 1,028 per square kilometer (2,700 per square mile).

This plan is being formulated in the context of both natural and man-made disasters to tackle the multi-hazard vulnerabilities and is based on the factors like ever-growing population, facilitate to the affected families, rapid urbanization, increasing industrialization, development within high risk zones, environmental degradation, climate change, state and national security, economy and sustainable development.

Theme:

The central themes of this State DM Plan are as follows:

- To study the vulnerability of different parts of the state to different kinds of disasters the measures to be adopted for prevention and mitigation of disasters.
- The manner in which mitigation measures shall be integrated with development plans and projects, i.e. mainstreaming of Disaster Management.
- The capacity building and preparedness measures to be taken.
- The roles and responsibilities of each department of State Government in relation to the measures specified above.
- The roles and responsibilities of different departments of State Government in responding to any threatening disaster situation or disaster.
- Methodologies for the annual review and updating of the state plan.
- Appropriate provisions for financing the measures to be carried out under the state government.
- Availability to the departments of State Government and provision and methodology of such departments to draw up their own plans in accordance with the state plan.

Objectives and Goal of the Plan:

Section 31 of Disaster Management Act 2005, makes it mandatory to have a disaster management plan for every State. SDMP shall include Hazard Risk and Vulnerability Analysis (HRVA), prevention, mitigation, preparedness measures, response plan and procedures. An indicative list with possible plan objectives is given below:

- To identify the areas vulnerable to major types of hazards in the State.
- To adopt proactive measures at State level by all the Govt. Departments to prevent disaster and mitigate its effects.
- To define and assign the different tasks and responsibilities to stake holders during the pre- disaster and post-disaster phases of the disaster.
- To enhance resilience of the people in the State by way of capacity building. Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- Manage future development to mitigate the effect of natural hazards in the State. To set up an Emergency Operation Centre at the State level to function effectively in search, rescue, and response.
- To develop the standardized mechanism to respond to disaster situation to manage the disaster efficiently.
- To set up the early warning system so as to prepare the community to deal with the disaster and responsive communication system based up on fail-proof proven technology.
- To prepare the response plan based upon the guidelines issued in the State Disaster Management Plan so as to provide prompt relief, rescue and search support in the disaster affected areas.
- To adopt disaster resilient construction mechanism in the State by way of using Information, Education and Communication for making the community aware of the need of disaster resilient infrastructure.
- To make the use of media in disaster management.
- Rehabilitation plan of the affected people and reconstruction measures to be taken by different Government Departments at State level and local authority.
- The State Disaster Management Plan (SDMP) is the guide for achieving the objective of mitigation, preparedness, response and recovery.

Scope:

SDMP envisages to provide a consistent, state wide framework for enabling central, state and local governments and private and public sector institutions to come to a common platform and work together for the cause of mitigation, preparation, response and recovery so as to help the disaster affected community to recover from the effects of emergencies regardless of their cause, size, location or complexity. In accordance with the provisions of DM Act, 2005, this plan is in effect at all times and applies to all levels of state government and its administrative subdivisions; districts, tehsils, blocks, panchayats and villages. The plan incorporates and complies with the principles and requirements of national and state laws, regulations and guidelines.

Sendai Framework

In order to reduce disaster risk, Sendai Framework for Disaster Risk Reduction (SFDRR) adopted during 3rd UN World Conference on Disaster Risk Reduction in Sendai, Japan, 2015 envisages a need to address existing challenges and prepare for future ones by focusing on monitoring, assessing, and understanding disaster risk and sharing such information. The SFDRR highlights that it is “urgent and critical to anticipate, plan for and reduce disaster risk” to cope with disaster. It requires strengthening of disaster risk governance and coordination across various institutions and sectors. It requires the full and meaningful participation of relevant stakeholders at different levels. It is necessary to invest in the economic, social, health, cultural and educational resilience at all levels. It requires investments in research and the use of technology to enhance multi-hazard early warning systems (EWS), preparedness, response, recovery, rehabilitation and reconstruction.

The four priorities for action under the SFDRR are:

1. Understanding the disaster risk.
2. Strengthening disaster risk governance to manage disaster risk.
3. Investing in disaster risk reduction for resilience.
4. Enhancing disaster preparedness for effective response and to “Build Back Better” in recovery, rehabilitation and reconstruction.

Disasters, Risk Reduction and Management

DM Act, 2005 defines disaster as being a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or manmade causes or by accident or negligence which results in substantial loss of life or human suffering or damage to and destruction of property or damage to or degradation of environment and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area.

Disaster Risk Reduction as UN office for Disaster Risk Reduction (UNDRR), consists of a framework of elements that help in minimizing vulnerabilities and disaster risks throughout a society, avoiding (prevention) or limiting (mitigation and preparedness) the adverse impacts of hazards, within the broad context of sustainable development.

DM Act, 2005 defines Disaster Management as a continuous and integrated process of planning, organising, coordinating and implementing measures which are necessary or expedient for

- (i) Prevention of danger or threat of any disaster;
- (ii) Mitigation or reduction of risk of any disaster or its severity or consequence;
- (iii) Capacity building;
- (iv) Preparedness to deal with any disaster;
- (v) Prompt response to any threatening disaster situation or disaster;
- (vi) Assessing the severity or magnitude of effects of any disaster;
- (vii) Evacuation, rescue and relief;
- (viii) Rehabilitation and reconstruction.

Levels of Disasters

The Disaster Management related planning process at various tiers has to take into account the vulnerability of disaster- affected area and the capacity of the authorities to deal with the situation. Using this approach, the High Power Committee and as per the recommendations of the High Power Committee of Government of India (Report of HPC on Disaster Management published in October 2001 by National Centre for Disaster Management, New Delhi), disasters situations categorized into three levels; L1, L2 and L3. The period of normalcy, L0, has to be utilized for Disaster Risk Reduction.

L1: The level of disaster that can be managed with the capabilities and resources at the district level. However, the state authorities are to remain in a state of readiness to provide assistance if needed.

L2: This signifies the disaster situations requiring assistance and active mobilization of resources at the state level and deployment of state level agencies. The central agencies have to remain vigilant for immediate deployment if required by the state.

L3: This corresponds to a nearly catastrophic situation or a very large-scale disaster that overwhelms State and District authorities.

CHAPTER 2

State Overview

State Profile: Social, Economic and Demographic

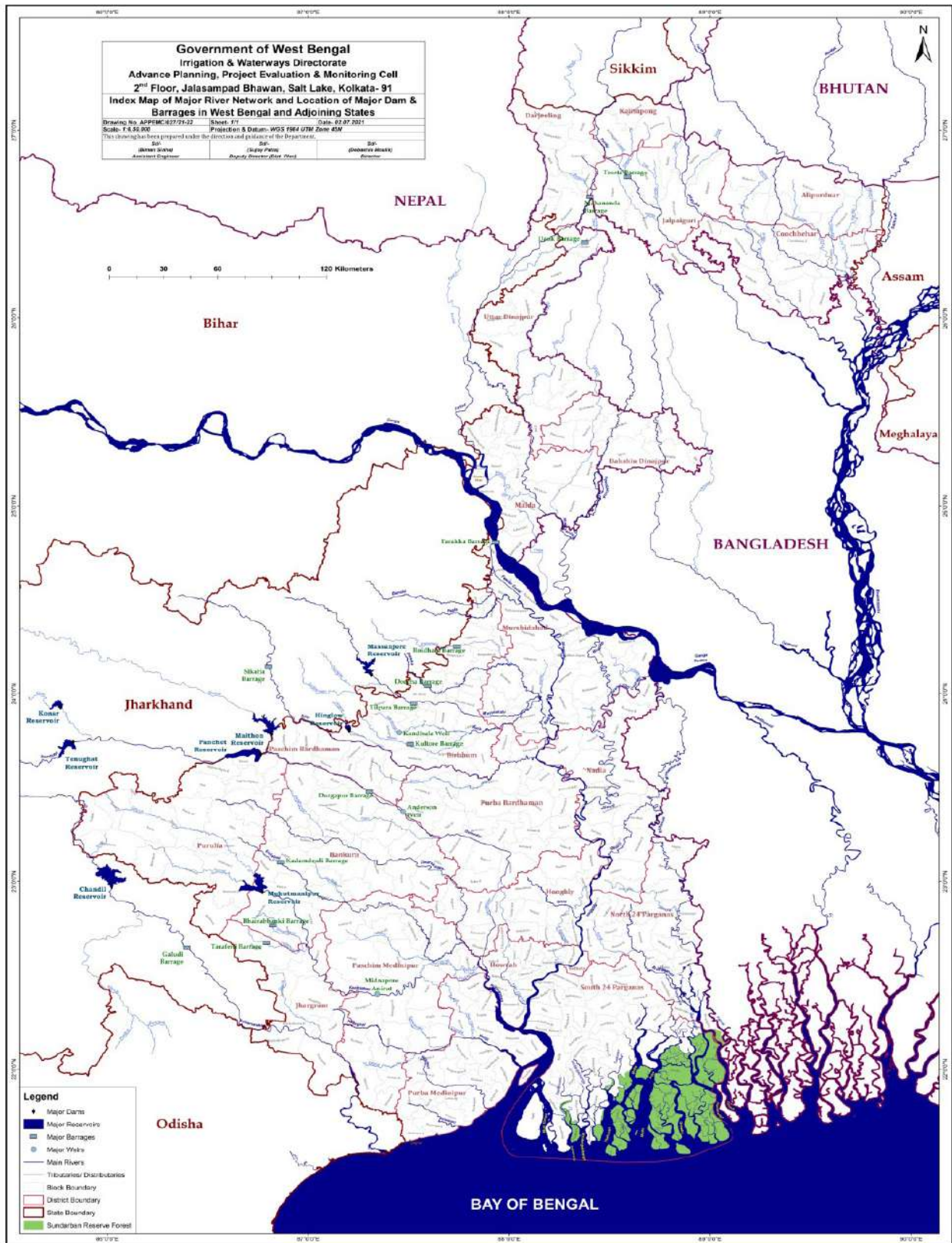
- Date of formation of West Bengal is 15th August, 1947.



Geographic Profile:

Area	88,752 sq Km
Lat & Long	27°13'15"N to 21°25'24"N and 85°48'20"E to 89°53'04"E
Geographical Regions	<ul style="list-style-type: none"> • The hill region in the north (Darjeeling & Kalimpong districts); • The terai and teesta alluvial region of North Bengal (Jalpaiguri, Alipurduar, Coochbehar districts); • The North Bengal plains (North Dinajpur, South Dinajpur, Malda districts); • Rarh Region (Murshidabad, Bankura, Birbhum, Purba Bardhaman, Paschim Bardhaman, Purba Medinipur & Paschim Medinipur districts) is also called Vajjabhumi- “the land of the thunderbolt”; • Western Plateau & high lands (Purulia, Jhargram & some parts of Bankura, Birbhum & Paschim Medinipur districts); • Gangetic Delta (Nadia, North 24 Parganas, Kolkata, South 24 Parganas districts and some parts of Howrah, Hooghly district); • Coastal Plain (State coastal region 220 km in the extreme south of the state).
Connected States/ UTs	<ul style="list-style-type: none"> • Assam in the east; • Jharkhand, Bihar, Orissa in the west; • Sikkim in the north;
International Boundary	<p>West Bengal shares international boundary with</p> <ul style="list-style-type: none"> • Bangladesh in the east (border 2,217 km); • Nepal in the north-west corner (border 100 km approx); • Bhutan in the north (border 183 km).
Rivers	Ajay, Adi Ganga, Anjana, Atrai, Bakreswar, Balason, Baleshwar, Bansoli, Barakar, Bhagirathi, Banka, Behula, Bhairab, Bidyadhari, Brahmani, Choita, Churni, Damodar, Dharla, Dud Kumar, Darakeswar, Dwarka, Gandheswari, Ganga, Ghargharia, Ghiya, Gosaba, Haldi, Hariabhanga, Hinglo, Hooghly, Ichamati, Jalangi, Jaldhaka, Jamuna, Kalindi, Kangsabati, Kaljani, Kapaleswari, Karatoya, Ketha, Khari, Khong, Kopai, Kulik, Kunur, Kunti, Mahananda, Matla, Mathabhanga, Mayurakshi, Mechi, Mundeswari, Muri Ganga, Piyali, Purnabhadra, Raidak, Raimangal, Rangeet, Rasulpur, Rupnarayan, Sali, Sankosh, Saptamukhi, Saraswati, Shil Torsa, Shilabati, Singimari, Subarnarekha, Talma, Tangon, Teesta, Thakuran, Torsha river
Mountain	North-Western side of the state of West Bengal is covered by the Himalayan mountain range (Highest point Sandakaphu 3,636 meters).
Forest	<p>Recorded forest area in the state is 11, 879 km² which is 13.38% of the state's geographical area, reserves, protected and unclassified forests constitute 59.4%, 31.8% and 8.9%, respectively, of the forest area.</p> <p>Part of the world's largest mangrove forest, the Sundarbans, is located in southern West Bengal (UNESCO World Heritage Site inscribed in 1987 and designated Ramsar Site since 2019).</p> <p>West Bengal has 3.26% of its geographical area under protected areas comprising 15 wildlife sanctuaries and 5 national parks- Sundarban National Park, Buxa Tiger Reserve, Gorumara National Park, Neora Valley National Park and Singalila National Park.</p>

Map showing Rivers of West Bengal



Administrative Profile:

No. of Districts	23
No. of Sub Divisions	68
No. of Blocks	345
No. of Municipalities/ Notified area Authority	121
No. of Municipal Corporations	07
No. of Gram Panchayats	3339
No. of Police Stations	508

Demographic & Socio Economic Profile:

(As per Census, 2011)

Population	9,12,76,115
Male population	4,68,09,027
Female population	4,44,67,088
Sex Ratio	947 females per 1000 males
Population Density	1028/km ² (2700/sq mi)
Rural Population	About 68.13% of the population
Urban Population	About 31.87% of the population
Highest Density	Kolkata (24,306/km ²)
Literacy Rate	77.08%
Literate (Total)	6,15,38,281
Male	3,38,18,810
Female	2,77,19,471
Male Literacy	82.67%
Female Literacy	71.16%
Official Primary Language	Bengali
Other languages spoken	Out of 18 Scheduled languages in West Bengal Main spoken language English, Hindi, Nepali, Urdu, Santali.

(Source: <https://wb.gov.in/about-west-bengal-facts-figures.aspx>)

Irrigation Profile:

The State, being 37,660 sq. km. (42.03%) of its geographical areas spread over are flood prone, happens to be one of the prime flood prone States in the country. The total length of embankment under the control of Irrigation & Waterways Department is approximately 10,000 km.

The area-wise distributions of the main river basins in the state are as under:

1.	Brahmaputra Basin	11,589 sq.km.
2.	Ganga Padma Basin	12,124 sq.km.
3.	Bhagirathi-Hoogly Basin & Sundarban Area	62,458 sq.km.
4.	Subarnarekha Basin	3,581 sq.km.
	Total	88,752 sq.km.

Structural Component of Rainfall & Flood monitoring in the State:

Control Room (including Central Control Room, in districts & different pumping station)	25 nos.
Daily Rain Gauge Station (including ARG, AWS, RMC, CWC, ORG)	84 nos.
Daily River Gauge Station	60 nos.
Major Barrage & Dams	12 nos.

(Source: Irrigation & Waterways Department, Agricultural Metrological Department of West Bengal)

Agriculture:

Agriculture is the leading occupation in West Bengal. Rice is the state's main food crop. Rice, jute, sugarcane and wheat are the top crops of the state. Tea of Darjeeling and Dooars is also an important commercial crop.

The net cropped area is 52.05 lakh hectares which comprises 68% of the geographical area and 92% of arable land. The cropping intensity is 190%.

Main Agricultural Crops in State: Paddy, Jute, Maize, Wheat, Potato, Mustard, Sugarcane, Oil-seeds, Cardamom, Ginger, Cinchona, Joar, Maskalai, Gram, Musur, Khesari, Til, Mung, Ground, Nut, Vegetables and Tea.

Land Use Pattern in the State:

	(Area in Ha.)
Gross Cropped Area	9972688
Cultivable Area	5614656
Net Cropped Area	5248257
Forest Area	1173669
Barren and uncultivable land	10886
Permanent postures and other grazing land	2366
Area under non agricultural use	1842219
Crop Intensity (per cent)	190

(Source: <http://matirkatha.net/wp-content/uploads/2016/07/West-Bengal-District-wise-Cultivated-Area-Gross-cropped-are-cropping-intensity-2018-19.pdf>)

Crop production in the State:

	('000 MT)
Total Paddy	24348.484
Total Rice	16070.000
Wheat	930.000
Maize	760.000
Other Cereals	17.594
Total Pulses	311.730
Total Oil Seeds	924.100
Potato	12932.000
Sugarcane	2076.000
Jute (*000 Bale)	7706.000

(Source: <http://matirkatha.net/wp-content/uploads/2016/07/West-Bengal-District-wise-Cultivated-Area-Gross-cropped-are-cropping-intensity-2018-19.pdf>)

Transport:

The State is well connected by Road, railways, airport & ports. The Government put special emphasis on road connectivity to reach every village in the state.

Roads in the State:

		(in Kilometers)
Category of Roads		As on 31st March, 2015
State Highway		3702
District Roads		9449
Rural Roads		2374
Sub Total		15525

National Highway	Other Authority	1182
	PWD & PWD Roads	1728
Sub Total		2910
Total		18435

(Source: www.msmedikolkata.gov.in/ State Industrial Profile of West Bengal 2018-19)

Railways:

There is a good network of Eastern, South Eastern & North Eastern Frontier Railways in West Bengal. All industrial concentrated areas & main towns are linked by railway track. The total railway track in West Bengal is about 8663.11 km so far. Metro Railway length in Kolkata is 27.226 kms.

Ports & Water Transport:

The State of West Bengal has two modern ports Kolkata & Haldia which together handled 63.676 million tons (mt) of cargo in 2018-19.

Water transport facility is available in South Bengal. Total length of National Waterways in West Bengal is 2,293 kms which is 15.81% of NWs in India.

Airports:

Airports in the State:

City Served	District	IATA	Airport Name	Note
International Airport				
Kolkata	Kolkata	CCU	NSCB International Airport	Also, a military enclave for Dum Dum Air Force Station
Siliguri	Darjeeling	IXB	Bagdogra Airport	Also known as Bagdogra Air Force Station
Domestic Airports				
Balurghat	Dakshin Dinajpur	RGH	Balurghat Airport	Non-operational Airport
Coochbehar	Coochbehar	COH	Coochbehar Airport	Chartered flights only
Kolkata	Kolkata	--	Behala Airport	Flying Club
Malda	Malda	LDA	Malda Airport	Under construction
Private Airstrips				
Durgapur	Paschim Bardhaman	RDP	Kazi Nazrul Islam Airport	India's first Aerotropolis and first privately managed airport
Asansol	Paschim Bardhaman	--	Burnpur Airport	IISCO's private airstrip
Military Airbase				
Barrackpore	North 24 Parganas		Barrackpore Air Force Station	Indian Air Force
Hasimara	Jalpaiguri		Hasimara Air Force Station	Indian Air Force
Kalaikunda	Paschim Meiniipur		Kalaikunda Air Force Station	Indian Air Force
Panagarh	Paschim Bardhaman		Panagarh Air Force Station	Indian Air Force located in Durgapur Urban Agglomeration
Salua	Paschim Medinipur		Air Force Station Salua	Indian Air Force

(Source: www.msmedikolkata.gov.in/ State Industrial Profile of West Bengal 2018-19)

The Disaster Management Act 2005 provides the legal and institutional framework for disaster management

Institutional Arrangements for Disaster Management (DM)

in India at the national, state and district levels. In the National Policy of India, the primary responsibility of disaster management vests with the State Governments. The Central Government lays down policies and guidelines and provides technical, financial and logistic support while the district administration carries out most of the operations in collaboration with central and state level agencies.

State Disaster Management Authority:

Section 14 of DM Act 2005 mandates each State to establish State Disaster Management Authority (SDMA). At the State Level the State Disaster Management Authority (SDMA), headed by the Chief Minister, lays down policies and plans for disaster management in the State. Being the nodal agency for disaster management, it is also responsible to coordinate the implementation of the State Plan, recommend provision of funds for mitigation and preparedness measures and review the developmental plans of the different departments of the State to ensure integration of prevention, preparedness and mitigation measures in their respective plan.

Powers and functions of State Authority:

- (a) Lay down the State disaster management policy;
- (b) Approve the State Plan in accordance with the guidelines laid down by the National Authority;
- (c) Approve the disaster management plans prepared by the departments of the Government of the State;
- (d) Lay down guidelines to be followed by the departments of the Government of the State for the purposes of integration of measures for prevention of disasters and mitigation in their development plans and projects and provide necessary technical assistance there for;
- (e) Coordinate the implementation of the State Plan;
- (f) Recommend provision of funds for mitigation and preparedness measures;
- (g) Review the development plans of the different departments of the State and ensure that prevention and mitigation measures are integrated therein;
- (h) Review the measures being taken for mitigation, capacity building and preparedness by the departments of the Government of the State and issue such guidelines as may be necessary.

Constituted by Government Order No. - 2181-FR dated 29th November, 2011 published in Gazette Notification dated- 07th December, 2011 the composition of SDMA is as given below.

West Bengal State Disaster Management Authority

Honourable Chief Minister, West Bengal- Chairperson

Minister-in-Charge, Department of Disaster Management & Civil Defence, Vice Chairperson

Minister-in-Charge, Finance Department

Minister-in-Charge, Department of Health and Family Welfare

Minister-in-Charge, Department of Irrigation & Waterways

Minister-in-Charge, Department of Public Works Department

Minister-in-Charge, Department of Agriculture

Minister-in-Charge, Food & Supplies Department

Minister-in-Charge Department of Power

Chief Secretary to the Government of West Bengal & Chief Executive Officer Ex-Officio

State Executive Committee:

The State Executive Committee with State Chief Secretary as Chairperson (ex officio) and four Secretaries to the Government of the State of such departments as the State Government may think fit as ex officio members.

Formation/ Composition of West Bengal SEC:

The Chief Secretary to the Government of West Bengal- Ex-officio Chairperson

The Secretary, Home Department. - Member.

The Secretary, Finance Department. - Member.

The Secretary, Irrigation & Waterways Department.-Member.

The Secretary, Disaster Management & Civil Defence Department.-Member.

Functions of the State Executive Committee (As per section 22 of DM Act 2005):

1. The State Executive Committee shall have the responsibility for implementing the National Plan and State Plan and act as the coordinating and monitoring body for management of disaster in the State.
2. Without prejudice to the generality of the provisions of subsection (1), the State Executive Committee may-
 - a. coordinate and monitor the implementation of the National Policy, the National Plan and the State Plan;
 - b. examine the vulnerability of different parts of the State to different forms of disasters and specify measures to be taken for their prevention or mitigation;
 - c. lay down guidelines for preparation of disaster management plan by the departments of the Government of the State and the District Authorities;
 - d. monitor the implementation of disaster management plans prepared by the departments of the Government of the State and District Authorities;
 - e. monitor the implementation of the guidelines laid down by the State Authority for integrating of measures for prevention of disasters and mitigation by the departments in their development plans and projects;
 - f. evaluate preparedness at all governmental or non-governmental levels to respond to any threatening disaster situation or disaster and give directions, where necessary, for enhancing such preparedness;
 - g. coordinate response in the event of any threatening disaster situation or disaster;
 - h. give directions to any Department of the Government of the State or any other authority or body in the State regarding actions to be taken in response to any threatening disaster situation or disaster;
 - i. promote general education, awareness and community training in regard to the forms of disasters to which different parts of the State are vulnerable and the measures that may be taken by such community to prevent the disaster, mitigate and respond to such disaster;
 - j. advice, assist and coordinate the activities of the Departments of the Government of the State, District Authorities, statutory bodies and other governmental and non- governmental organizations engaged in disaster management;
 - k. provide necessary technical assistance or give advice to District Authorities and local authorities for carrying out their functions effectively;
 - l. advise the State Government regarding all financial matters in relation to disaster management;
 - m. examine the construction, in any local area in the State and, if it is of the opinion that the standards laid for such construction for the prevention of disaster is not being or has not been followed, may direct the District Authority or the local authority, as the case may be, to take such action as may be necessary to secure compliance of such standards;
 - n. provide information to the National Authority relating to different aspects of disaster management;
 - o. lay down, review and update State level response plans and guidelines and ensure that the district level plans are prepared, reviewed and updated;
 - p. ensure that communication systems are in order and the disaster management drills are carried out periodically;
 - q. perform such other functions as may be assigned to it by the State Authority or as it may consider necessary;

State Disaster Response Force (SDRF):

In accordance with Sec. 44 of Disaster Management Act, 2005 National Disaster Response Force (NDRF) is formed by the Government of India to ensure specialized response during disaster incidences. As per Section 3.4.5 of National Policy on Disaster Management, 2009, the State Disaster Response Force (SDRF) was constituted for quickly responding to disasters. These SDRF are placed strategically at suitable locations well connected to the airport, rail heads and roads for their immediate deployment at the disaster sites. In West Bengal Disaster Management Groups (DMG) were constituted for Kolkata and DMG–Bengal. DMG Kolkata has its HQ at PTS, Kolkata

Set up of Disaster Management Group Squads, West Bengal Police (vide order no. 1 of 18.01.2013 of DG & IG of Police, West Bengal)

At present, there are 07 (seven) self-contained Squads in DMG, WBP. These Squads are stationed at:-

- (i) State Armed Police (SAP) 4th Battalion, Kasba, (near Raiganj town), Uttar Dinajpur.
- (ii) SAP 6th & Special Striking Force Bn., Barrackpore, North 24 Parganas.
- (iii) SAP 7th Bn., Asansol, Paschim Burdwan.
- (iv) SAP 8th Bn., Barrackpore, North 24 Parganas.
- (v) SAP 9th Bn., Sandhya (near Krishnanagar town), Nadia.
- (vi) SAP 10th & 12th Bn., Dabgram (near Siliguri town), Jalpaiguri.
- (vii) SAP 13th Bn., Barjora, District Bankura..

Each DMG Squad consists of 5(five) specialized Teams. These Teams are:-

- (i) Collapse Structure Search & Rescue Team (CSSR).
- (ii) Medical First Responder Team (MFR).
- (iii) Deep Diving/Surface Water Rescue Team: Deep Diving Teams are at Barrackpore & Krishnanagar whereas rests of the Squads have Surface Water Rescue Teams.
- (iv) Mountaineering/Rock Climbing Team: (Each such team is only located at Kasba, Dabgarm & Barjora)
- (v) High Rise Building Team.

The strength of each self-contained squad is 01 Inspector, 02 SIs, 08 ASIs and 70 Police Constables. All the seven Squads of DMG, WBP have been nominated & enlarged to the above capacity. DMG Constables are young, energetic and physically fit, with an average age group of below 30 years.

District Disaster Management Authority (DDMA):

Under Section 25 of Disaster Management Act 2005, there will be a District Disaster Management Authority in each District of a State. Each DDMA will be headed by the respective District Magistrate, District Collector (DC), Dy. Commissioner as the case may be, with the elected representative of the Local Authority as the Co-Chairperson. DDMA will act as the planning, coordinating and implementing body for DM at District level and take all necessary measures for the purposes of DM in accordance with the Guidelines laid down by the NDMA and SDMA. It will, inter alia, prepare the District DM plan for the District and monitor the implementation of the National Policy, the State Policy, the National Plan, and the State Plan concerning its own District and prepare the District Plan. The DDMA will also ensure that the Guidelines for prevention, mitigation, preparedness and response measures lay down by NDMA and SDMA are followed by all Departments of the State Government, at the District level and the Local Authorities in the District. The District Disaster Management Authorities of eighteen (18) Districts under West Bengal were constituted vide notification numbers 1286-FR to 1303-FR dated 1st August, 2007 of Disaster Management Department, West Bengal. Another four DDMA for newly formed four districts (4) were constituted vide notification number 3507-RL/O/VI/7M-108/07dated 13th November, 2017 and DDMA for district of Kolkata was constituted vide notification number 115-RL/O/VI/7M-108/07dated 18th January, 2018 of Disaster Management & Civil Defence Department, West Bengal.

State Emergency Operation Centre (SEOC):

EOC is an off-site facility functioning from State / District HQ. The EOC will take stock of the emerging situation and assist the incident managers in mobilizing the respective line department's resources, manpower and

expertise along with appropriate delegated authorities for the on-scene actions/ response. State EOC will keep the DEOC and field EOC informed of the changing situation and support extended. The basic functions of EOC, derived on the basis of functional framework of disaster management would be to:

- Receive, monitor, and assess disaster information;
- Keep track of available resources;
- Monitor, assess, and track response units and resource requests. Manage resource deployment for optimal usage;
- Make policy decisions and proclaim local emergencies as needed;
- Provide direction and management for EOC operations through Standard Operations Guide (SOG), set priorities and establish strategies;
- Coordinate operations of all responding units, including law enforcement, fire, medical, logistics etc.;
- Augment comprehensive emergency communication from EOC to any field operation when needed or appropriate;
- Maintain EOC security and access control;
- Provide recovery assistance in response to the situations and available resources Keep senior, subordinate and tenant officials informed;
- Keep local area (Village/Town/City, District and State) informed. Operate a message centre to log and post all key disaster information. Develop and disseminate public information warnings and instructions

The EOC is equipped with state-of-the-art, redundant communication systems including landline phones, cell phones, satellite phones, internet, fax and other facilities.

The new EOC is set up of Disaster Management Department of Nabanna and functioning properly.

The technological up gradations included the following particulars:

- High Resolution Video Display Wall.
- Multiple computer nodes, GIS mapping incident management and assistance.
- Display Management System.
- Civil and Electrical Works.

Hazard Vulnerability Risk Assessment: West Bengal

In Disaster Management, risk is measured in terms of loss of human lives, loss of capital, property like agricultural land, roads, structures, livestock etc.

Hazard is potentially a damaging physical event, phenomenon, or human activity that may cause the loss of life or injury, property damage, social and economic disruption, or environmental degradation. Hazards can include latent conditions that may represent future threats and can have different origins: natural (geological, hydrometeorological and biological) or induced by human processes (environmental degradation and technological hazards). Hazards can be single, sequential or combined in their origin and effects. Each hazard is characterized by its location, intensity, frequency and probability.

Vulnerability is the internal weakness of a system from external threats and in disaster perspective, it is the conditions determined by physical, social, economic, and environmental factors or processes, which increase the susceptibility of a community to the impact of hazards. It is the degree of loss (from 0 to 100 per cent) resulting from a potentially damaging phenomenon. It is the degree to which a person, system or unit is likely to experience harm due to exposure to stresses. **Risk** is the probability of harmful consequences, or expected losses (deaths, injuries, property, livelihoods, economic activity disrupted or environment damaged) resulting from interactions between natural or human-induced hazards and vulnerable conditions.

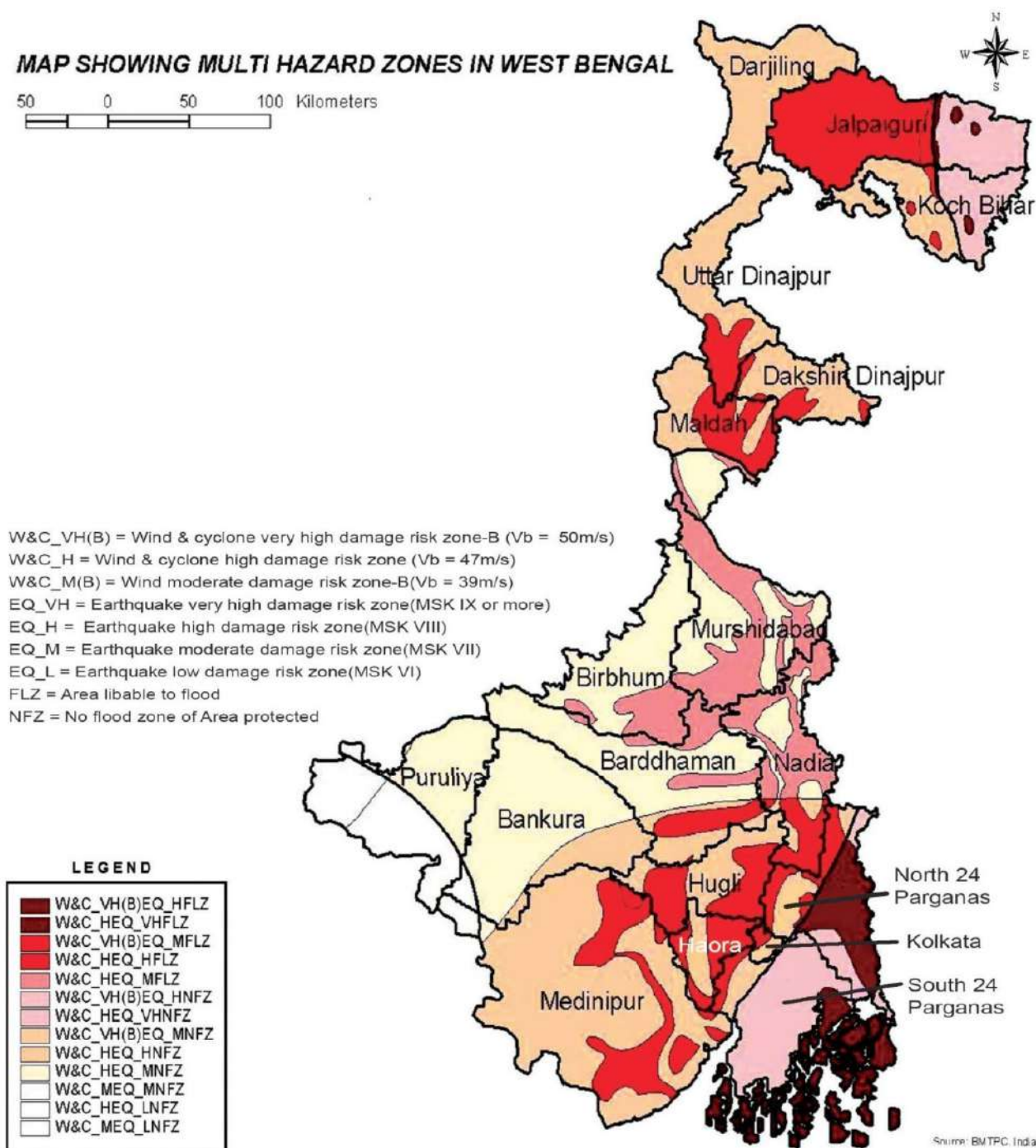
The process of conducting a risk **Analysis** is based on a review of both the technical features of hazards such as their location, intensity, frequency and probability; and also the analysis of the physical, social, economic and environmental dimensions of vulnerability and exposure, while taking particular account of the coping capabilities pertinent to the risk scenarios.

The guiding principles of **Sendai Framework for Disaster Risk Reduction** state that Disaster Risk Reduction requires responsibilities to be shared by different divisions of governments and various agencies. The effectiveness in disaster risk reductions dependent on coordination mechanisms within and across sectors and with relevant stakeholders at all levels. For each hazard, the approach used in this plan incorporates the four priorities enunciated in the Sendai Framework in to the planning frame work for DRR under the five thematic areas for action:

1. Understanding risk
2. Inter-agency coordination
3. Investing in Disaster Risk Reduction–Structural measures
4. Investing in Disaster Risk Reduction –Non-structural measures
5. Capacity development

MAP SHOWING MULTI HAZARD ZONES IN WEST BENGAL

50 0 50 100 Kilometers



CYCLONE:

The coastal stretch of West Bengal is 157.5 kms. It is highly vulnerable to cyclone. The phenomenal storm surge in coastal West Bengal is due to its nature of coastal belt. The northern part of the Bay of Bengal is very shallow. The coast is also landlocked on three sides. As a result, when a very severe cyclonic storm approaches the coast, the enormous storm surge generated by the wind pressure submerges the coastal belt at the time of the storm crossing the belt. The frequency of storms crossing this belt is also high. Another peculiar characteristic of this coast is that it is crisscrossed by innumerable rivers and rivulets, with the elevation of the islands about 4 to 5 meters which helps a cyclonic system to collect moisture during its pass over land area, adding to the devastation for longer time.

West Bengal has seen a phenomenal increase in the number of cyclonic system and affecting its coastal areas in the last decade.

Vulnerability	Name of District
Maximum	Purba Medinipur, South24 Parganas, North24 Parganas, Howrah, Hooghly, Paschim Medinipur & The State capital Kolkata.
Moderate	Nadia, PurbaBardhaman, Paschim Bardhaman, Bankura, Purulia, Jhargram, Birbhum, Murshidabad, Malda, Dakshin Dinajpur, Uttar Dinajpur, Coochbehar, Jalpaiguri, Alipurduar, Kalimpong, Darjeeling

Minimizing the risk of life and economy can be achieved by a cooperated disaster management plan of all the line departments. The departments and agencies that play the major roles are:-

Department of Irrigation and Waterways, Public Works Department, Department of Agriculture, Department of Sundarban Affairs , Department of Health & Family Welfare, Department of North Bengal Development, Department of Urban Development and Municipal Affairs, Department of Tourism, Department of Power and Non-Conventional Source of Energy, Public Health Engineering, Department Industry Commerce and Enterprises, Department of Panchayat and Rural Development, Department of Fisheries, Department of School Education, Department of Higher Education, Department of Animal Resource Development, Department of Fire and Emergency Services, Department of Food and Supplies, District Administration & Police Administration.

The Department of Disaster Management and Civil Defence being the nodal agency for all kind of disaster scenarios in the state plays the vital role of coordination between all the line departments and agencies.

Prevention and Mitigation:

Training, Awareness Generation & Mock drills and Community-Based Disaster Management plays key role in disaster prevention and minimise its loss impact.

Administrative Training Institute, District Disaster Management Authority, ILGUS, Health Dept, Fire and Emergency Services and relevant institutions impart training to government officials for capacity building. The knowledge will be used for Community based Disaster Management.

FLOOD:

Flood is a temporary inundation of large regions as a result of an increase in reservoir or of rivers flooding their banks because of heavy rains, high winds, cyclones storm surge of and along the coastal area, tsunami, melting snow or dam bursts.

Types of Floods:

Flash floods: It is defined as floods which occur within six hours of the beginning of heavy rainfall, and are usually associated with cloud bursts, storms and cyclones requiring rapid localized warning and immediate response if damage is to be mitigated. In case of flash floods, warning for timely evacuation may not always be possible.

River floods: Such floods are caused by precipitation over large catchment's areas. These floods normally build up slowly or seasonally and may continue for days or weeks as compared to flash floods.

Coastal floods: Some floods are associated with the cyclonic activities like Hurricanes, tropical cyclone etc. Catastrophic flooding is often aggravated by wind-induced storm surges along the coast.

Urban Flood: Urban floods stem from a combination of various meteorological and hydrological extremes, such as extreme precipitation and flows in short spans of time or heavy rainfall followed by cyclonic storms. Thus, flooding in urban areas is caused by intense and/or prolonged rainfall, which overwhelms the capacity of the drainage system.

West Bengal has experienced regular flooding. Nearly all the districts experienced all of the above-mentioned categories of floods.

- ✓ 2015 - Due to heavy rainfall caused by deep depression over northeast Bay of Bengal, 12 districts of West Bengal got affected by heavy flood.
- ✓ 2017 - Due to heavy rainfall caused by deep depression over northeast Bay of Bengal, 20 districts of West Bengal got affected by heavy flood.
- ✓ 2021- Due to extremely heavy rainfall & excessive release of water from dams, barrages, & major weirs, 23 districts of West Bengal got affected by heavy flood.
- ✓ The recent years has seen nearly all types of flood and nearly all regions of the state. Namely Purba

Bardhaman, Hooghly, Howrah, Nadia, North and South 24 Parganas, East and West Medinipur, Malda, Murshidabad, Dakshin Dinajpur, Uttar Dinajpur, Jalpaiguri, Alipurduar, Coochbehar are more prone to River Flooding.

- Paschim Bardhaman, Birbhum, Bankura, Jhargram and parts of Purulia, Darjeeling, Kalimpong are prone to Flash flooding sometimes caused by cloudburst rains.
- Coastal Flooding are very common in Purba Medinipur, South 24 Parganas.
- Kolkata, the state capital is exposed to regular urban flooding, sometimes caused by rain and sometimes tidal waves. Cloud burst rains are also commonly seen in the recent years.

Vulnerability: The majority of population of the state is directly or indirectly affected by flooding. Flood causes maximum economic damage to the people. Nearly the entire state faces multiple floods every year. The geological and geomorphologic characteristics makes the state largely flood prone. The major tributaries and distributaries of Ganga & Brahmaputra river systems pass through this state. The state being in the lower course of these river systems experience spillage of water whenever the upper and the middle course of the rivers experience high intensity of rain. Important Dams and Barrages dots the western and the northern boundary of the state. The carrying capacity of the dams are changing with passage of time and thereby making the catchment areas regularly exposed to flood like situations.

FLASH FLOOD MANAGEMENT PLAN:

What is Flash Flood

Flash floods are characterized by very fast rise and recession of flow of small volume and high discharge, which causes high damages because of suddenness. This occurs in hilly regions and sloping lands where heavy rainfall and thunderstorms or cloudbursts are common (*Ref: NDMA Guidelines on Management of Flood*)

It is because the speed and quantity of inflow of water out pace drainage systems. Very heavy rainfall in hill tops results in sudden down flow of water at a high speed and may create havoc in habitations down below the hillock. Sometimes, this high speed water evades the traditional path and carries with it Mudflows, Debris flows and Rock falls. Such flows and floods hardly give any time for preparation. Flash floods submerge areas suddenly and remain for a short period of time. Yet its damaging potential is as high as that of the general floods. The most unpredictable aspect of this is that flash floods hardly give any time for preparation.

In the past few years, the occurrence of natural disaster like flash floods has increased in India. This can be attributed to climate change. For instance, the 2018 Kerala floods, 2013 Uttarakhand floods, 2021 Maharashtra floods, 2017 Gujarat flood and many other.

Causes of flash floods

A flash flood is often the result of a heavy or excessive rainfall. Whenever it rains, the soil acts as an absorber, and absorbs the precipitation. However, in cases of heavy rain, the soil may be saturated to capacity and unable to absorb any more water.

Flooding can also occur after a drought, when the soil is too dry and hardened to absorb the precipitation. This is why, flash floods are a common scene in desert landscapes after heavy rain falls.

The other reason of flash floods is cloudburst or thunderstorm. It is common in places such as hilly regions and sloping lands.

Depression and cyclonic storms in the coastal areas of Orissa, West Bengal, Andhra Pradesh, Karnataka, and Tamil Nadu also cause flash floods.

Further, the states of Arunachal Pradesh, Assam, Orissa, Himachal Pradesh, Uttarakhand, the Western Ghats in Maharashtra and Kerala are more vulnerable to flash floods caused by cloud bursts.

In addition to these, sudden release of waters from upstream reservoirs, breaches in dams created by earthquake/landslides and embankments on the banks of the rivers can also lead to disastrous floods. The severe floods in Himachal Pradesh in August 2000 and June 2005, and in Arunachal Pradesh in 2000 are a few examples of flash floods caused by breaches in dams created by earthquake/landslides.

Increase in number of occurrence

According to the '*Climate change and India: A 4X4 assessment a sectoral and regional analysis for 2030s floods report*', temperature rise in India would increase the frequency of flood events in India during the end

of the 21st century (2071-2100). Further, the Himalayan belt is also projected to witness a significant rise in temperature up to 2.6 degrees Celsius. By the 2030s, the intensity is expected to increase by 2-12%.

The report further stated that the temperature rise will result in multiplication of flash flood incidents leading to extensive landslides, which would bring extreme damage to the agricultural area thereby threatening the food security of the country.

Area Prone to Flash Flood

The Ministry of Water Resources (MOWR) and the state governments/SDMAs/DDMAs concerned will urgently undertake identification of areas prone to floods along with names of villages/talukas or tehsils/districts in a scientific manner in collaboration with the NRSA and Survey of India(SOI). Darjeeling, Kalimpong, Alipurduar, Jalpaiguri are more vulnerable to flash floods caused by cloud bursts. Heavy or excessive rainfall in Sikkim and Bhutan often causes flash flood in Balason, Mal, Ghis, Jayanti rivers in northern part of west Bengal.

Damages Caused by Flash Flood

More than the loss of life and damage to property, the sense of insecurity and fear in the minds of people living in the flood prone areas is a cause of great concern. The after effects of flash floods such as the agony of survivors, non availability of drinking water, essential commodities and medicines, loss of the dwellings etc. make flash floods the most feared among the natural disasters.

In 2020, flash flood occurred at Rakti and Balason rivers and in 2021 at Balason river causes bridge damages in Darjeeling District.

Preventive Measure

Incidents of high intensity rainfall over short durations, which cause flash floods, are on the rise and the problem needs to be tackled in a scientific manner.

Flash floods are dangerous as its occurrences are sudden with less time to respond. It is advisable to listen to weather bulletins to avoid visiting places with chances of a flash flood.

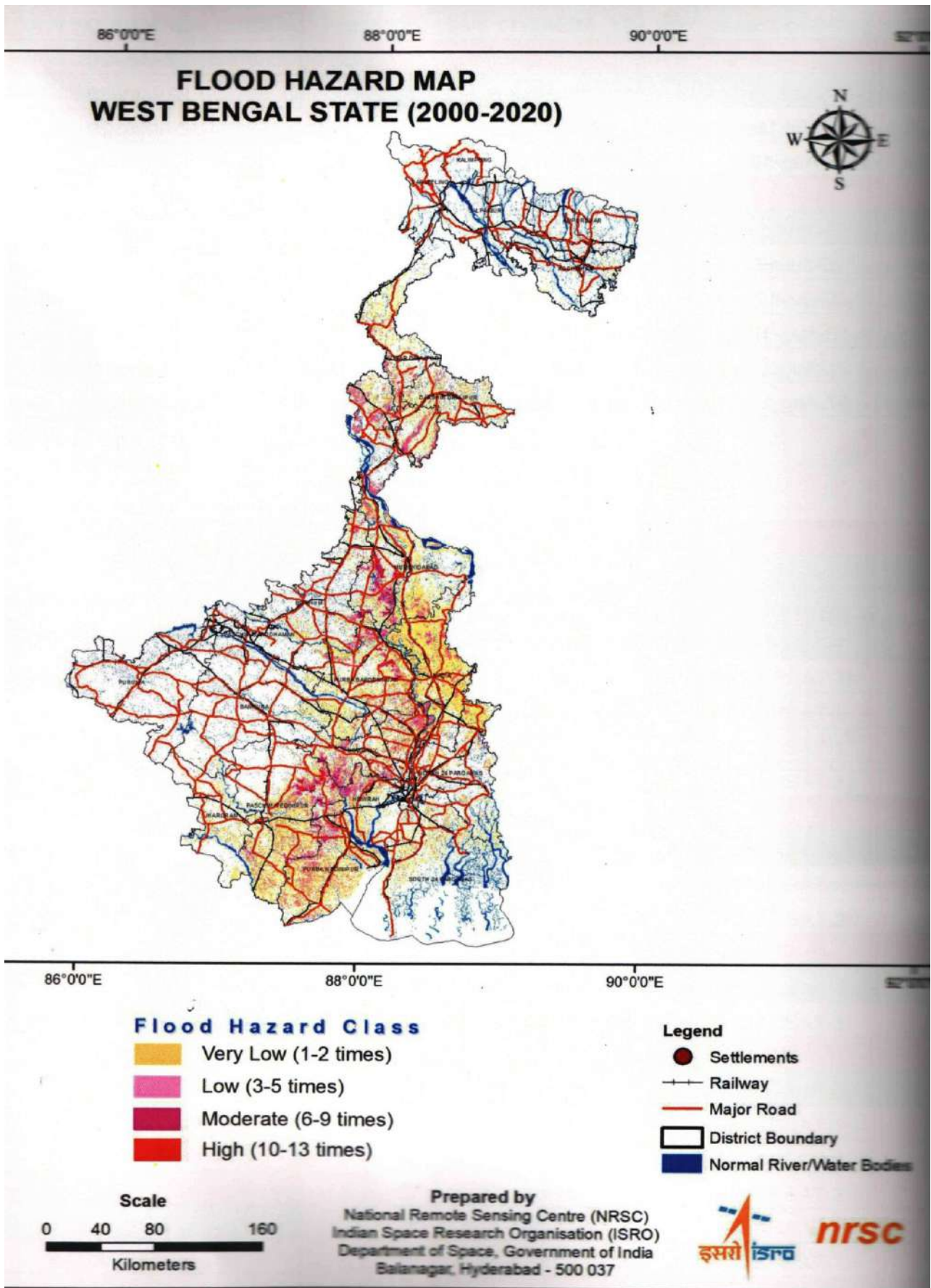
Central Water Commission (CWC)/ National Remote Sensing Agency (NRSA)/ state governments/ SDMAs also check for landslides and blockages in rivers with the help of satellite imageries. In case of their occurrence, warning systems are set up to reduce losses. It is also advised to take appropriate structural measures to eliminate the damage in case of sudden collapse of the blockages.

Furthermore, the India Meteorological Department (IMD) has been using Doppler radars, a flash floods forecasting and warning systems to predict the occurrence of flash floods.

(Ref: NDMA Guidelines on Management of Flood)

In West Bengal a system of control rooms has been established in hills of North Bengal to inform downstream regions of sudden heavy rains and issue alert for flash floods. The system would be helpful for Dooars region and tea gardens of North Bengal.

FLOOD HAZARD MAP OF WEST BENGAL



Vulnerable Blocks of West Bengal:

Sl No.	District	Block
1	Jalpaiguri	Maynaguri, Nagrakata, Rajganj, Jalpaiguri, Dhupguri, Mal, Metiali.
2	Alipurduar	Kalchini, Kumargram, Aliporeduar-I, Aliporeduar-II, Madarihat-Birpara, Falakata
3	Cooch Behar	Cooch Behar-I, Cooch Behar-II, Tufangunj-I, Tufangunj-II, Mathabhanga-I, Mathabhanga-II, Sitai, Mekliganj, Haldibari, Sitalkuchi, Dinhata-I, Dinhata-II
4	Uttar Dinajpur	Raigunj, Itahar, Chopra, Islampur, Goalpokhar-I, Goalpokhar-II, Karandighi, Hemtabad, Kaliagunj.
5	Dakshin Dinajpur	Gangarampur, Tapan, Banshihari, Hili, Balurghat, Kumarganj, Harirampur, Kushmandi,
6	Malda	Ratua-I, Ratua-II, Kaliachak-I, Kaliachak-II, Kaliachak-III, Harishchandrapur-I, Harishchandrapur-II, Chanchal-I, Chanchal-II, Manichak, Gazole, Habibpur, Bamongola, Old Malda, English Bazar,
7	Murshidabad	Farakka, Samserganj, Suti-I, Suti-II, Raghunathganj-I, Raghunathganj-II, Lalgola, Bhagawangola-I, Bhagawangola-II, Raninagar-I, Raninagar-II, Jalangi, Sagardighi, Murshidabad-Jiaganj, Nabagram, Domkal, Baharampur, Hariharpara, Nowda, Beldanga-I, Beldanga-II, Khargram, Kandi, Bharatpur-I, Bharatpur-II.
8	Nadia	Karimpur-I, Nakashipara, Krishnaganj, Hanskhali, Ranaghat-I, Haringhata, Karimpur-II, Tehatta-I, Tehatta-II, Kaliganj, Chapra, Krishnanagar-I, Krishnanagar-II, Nabadwip, Shantipur, Ranaghat-II, Chakdah.
9	North 24 Parganas	Bagdah, Deganga, Bongaon, Habra-I, Gaighata, Habra-II, Baduria, Amdanga, Swarupnagar, Barasat-I, Basirhat-I, Barasat-II, Rajarhat, Barrackpore-I, Barrackpore-II, Hasnabad, Haroa, Basirhat-II, Sandeshkhali-I, Sandeshkhali-II, Minakhan, Hingalganj.
10	Birbhum	Murarai-I, Murarai-II, Rampurhat-I, Rampurhat-II, Md. Bazar, Suri-I, Sainthia, Mayureswar-I, Mayureswar-II, Labhpur, Khayrasole. Dubrajpur, Ilambazar, Bolpur-Sriniketan, Nanur
11	Purba Burdwan	Katwa I, Katwa II, Monteswar, Purbasthali I, Purbasthali II, Kalna I, Galsi I, Galsi II, Burdwan II, Ausgram II, Bhatar, Memari II, Jamalpur, Raina I, Raina II, Khandaghosh, Mongalkote, Ketugram I, Ketugram II, Kalna II, Burdwan I, Ausgram I, Memari I
12	Paschim Burdwan	Salanpur, Barabani, Raniganj, Jamuria, Andal, Pandabeswar, Faridpur-Durgapur, Kanksha.
13	Hooghly	Arambagh, Khanakul-I, Khanakul-II, Dhaniakhali, Tarakeswar, Pursurah, Goghat-I, Goghat-II, Haripal, Chanditala-I, Chanditala-II, Srerampur-Uttarpara, Jangipara, Balagarh, Polba-Dadpur, Pandua, Chinsura-Magra, Singur.
14	Howrah	Shyampur-I, Shyampur-II, Udaynarayanpur, Bagnan-II, Jagatballavpur, Amta-II, Amta-I, Domjur, Bally-Jagachha, Bagnan-I, Panchla, Sankrail, Uluberia-I Uluberia-II.
15	Paschim Medinipore	Ghatal, Daspur-I, Daspur-II, Garbeta-III, Keshpur, Debra, Keshiary, Dantan-I, Dantan-II, Chandrokona-I, Chandrokona-II.
16	Purba Medinipore	Moyna, Nandakumar, Mahishadal, Panskura-I, Panskura-II, Tamluk, Sahid Matangini, Chandipur, Sutahata, Haldia, Nandigram-I, Nandigram-II, Contai-I, Contai-II, Contai-III, Khejuri-I Khejuri-II, Ramnagar-I, Ramnagar-II.
17	South 24 Parganas	Kultali, Canning - I, Canning -II, Gosaba, Basanti, Diamond Harbour - I, Diamond Harbour - II, Falta, Kulpi, Kakdwip, Namkhana, Sagar, Pathar Pratima
18	Bankura	Kotulpur, Barjora, Sonamukhi, Indus, Patrasayer.

Following measures to be adopted to minimise the loss due to flooding are:

- Improvement of design for irrigation and flood protective structures
- Construction of dams, Desiltation of existing dams, construction of flood protection wall, flood diverting channels etc.
- Strengthening/repair of existing roads and bridges and other critical infrastructure in flood plains.
- Strengthening of dams and canals.
- Development of catchment area of the flood plain
- Afforestation

Capacity Building and Awareness Programmes will make the mitigation system and the people better prepared for flood situations.

- Imparting training to the stakeholders involved in flood mitigation and management.
- Provide professional training about disaster resistance construction to engineers and architects.
- Provide training to masons.
- Encourage soil and material testing in laboratories

Interagency coordination is the baseline of all modelling for flood preparedness and better mitigation measures. The responsible agencies are:-

Department of Irrigation and Waterways, Public Works Department, Department of Agriculture, Department of Sundarban Affairs, Department of Health & Family Welfare, Department of North Bengal Development, Department of Urban Development and Municipal Affairs, Department of Tourism, Department of Power and Non-Conventional Source of Energy, Public Health Engineering, Department Industry Commerce and Enterprises, Department of Panchayat and Rural Development, Department of Fisheries, Department of School Education, Department of Higher Education, Department of Animal Resource Development, Department of Fire and Emergency Services, Department of Food and Supplies, District Administration & Police Administration.

EARTHQUAKE:

Seismic Profile of West Bengal:

The seismic zonation map (2002) as prepared by Bureau of Indian Standard shows Eastern section of northern districts of Jalpaiguri and Coochbehar lie in Zone –V .The remaining part of these two districts, along with the districts of Darjeeling, Kalimpong, Uttar Dinajpur, Dakshin Dinajpur, Malda, 24 Paraganas (south & north) lie in Zone – IV.

The rest of the state along with Kolkata lies in Zone – III expect some portions of Purulia, Bankura and Paschim Medinipur. Small part of Purulia, Bankura and Jhargram lies in Zone – II.

It is also found from seismic map that two major fault lines run through the state namely the Pingla Fault running through the South Bengal districts and the Malda Kishangunj Fault running through the North Bengal districts.

Several key factors that contribute vulnerability of human populations to earthquakes are location of settlements in an earthquake prone area, especially on soft ground, on area prone to landslides or along fault lines dense collection of weak buildings with high occupancy. Non-engineered building constructed by earth, rubble, buildings with heavy roofs (more vulnerable than light weight structures), poor quality and maintenance of buildings Weak or flexible storey intending for parking purposes.

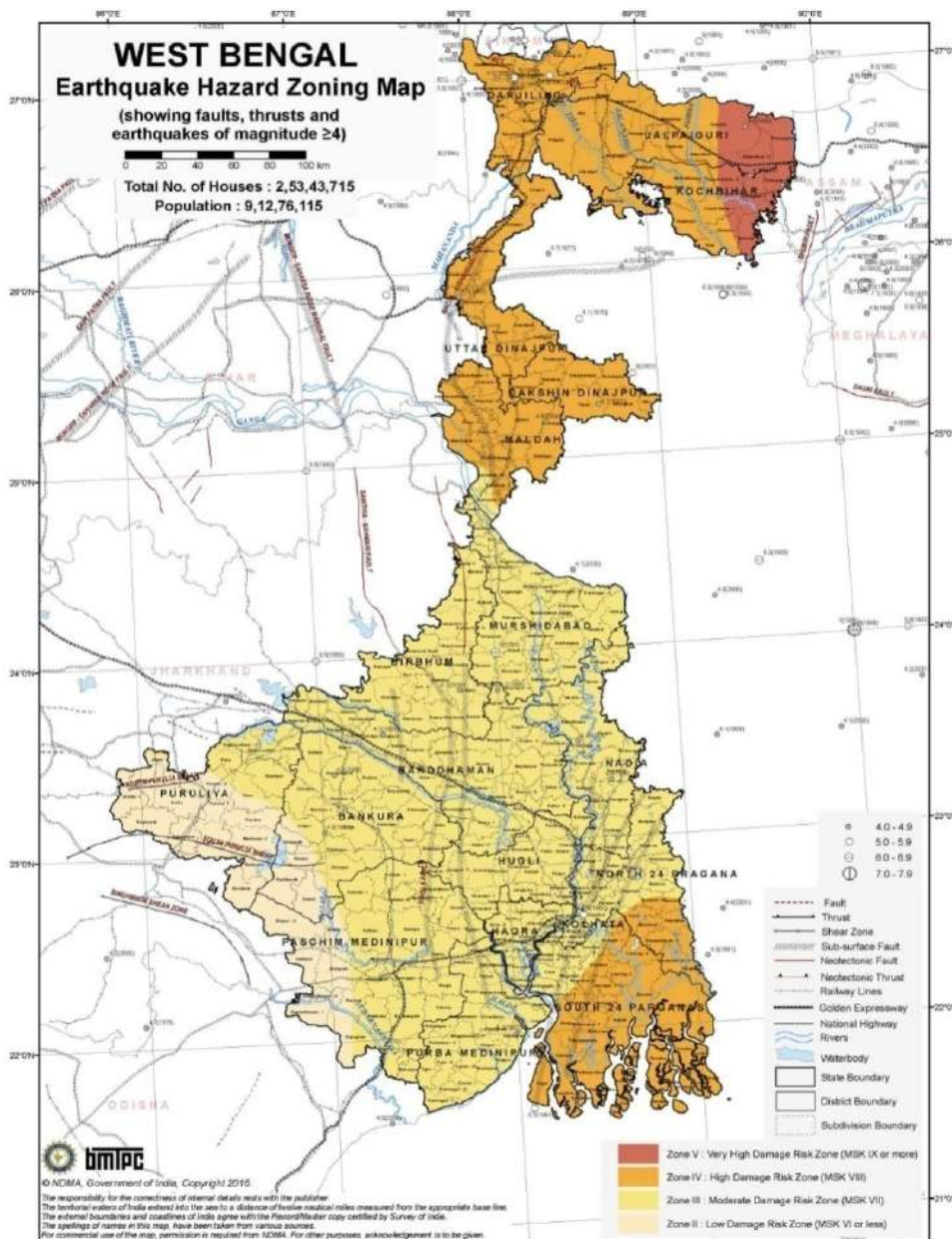
Major earthquake events:

Date	Time	Intensity	Epicenter	Affected Areas
12.9.2018	10:20:49 IST	5.5	Kokrajhar, Assam. Depth 13 km	All Districts of West Bengal except Purulia.
28.8.2018	18:33:29 IST	5.0	Goghat, Hoogly Dist, West Bengal Depth 10 km	All South Bengal Districts.
25.04.2015	11:41:25 IST	7.8 & 8.1	34 km East South East of Lamjung, Nepal	All Districts of West Bengal felt the Tremors, but North Bengal districts were severely affected.
18.09.2011	18:11 IST	6.8	North Sikkim	North Bengal Districts till Malda

28.11.2005	22:27 IST	4.7	Ganga Canyon, South of the Sunderbans,	South Bengal Districts.
25.6.2002	11:40 local time	5.1	Rajshahi, Bangladesh. Depth 38 km	Neighboring districts of West Bengal

Vulnerability of the State:

Zone	Vulnerability	Name of District
Zone –V	Highly Vulnerable	Jalpaiguri and Coochbehar
Zone-IV	Most Vulnerable	Darjeeling, Kalimpong, Uttar Dinajpur, Dakshin Dinajpur, Malda, 24 Paraganas (south & north)
Zone-III	Vulnerable	The rest of the state along with Kolkata
Zone-IV	Medium Vulnerable	Purulia, Bankura and Paschim Medinipur. Small part of Purulia, Bankura and Jhargram



The following measures are practiced and implemented by the State to reduce vulnerability from earthquake:

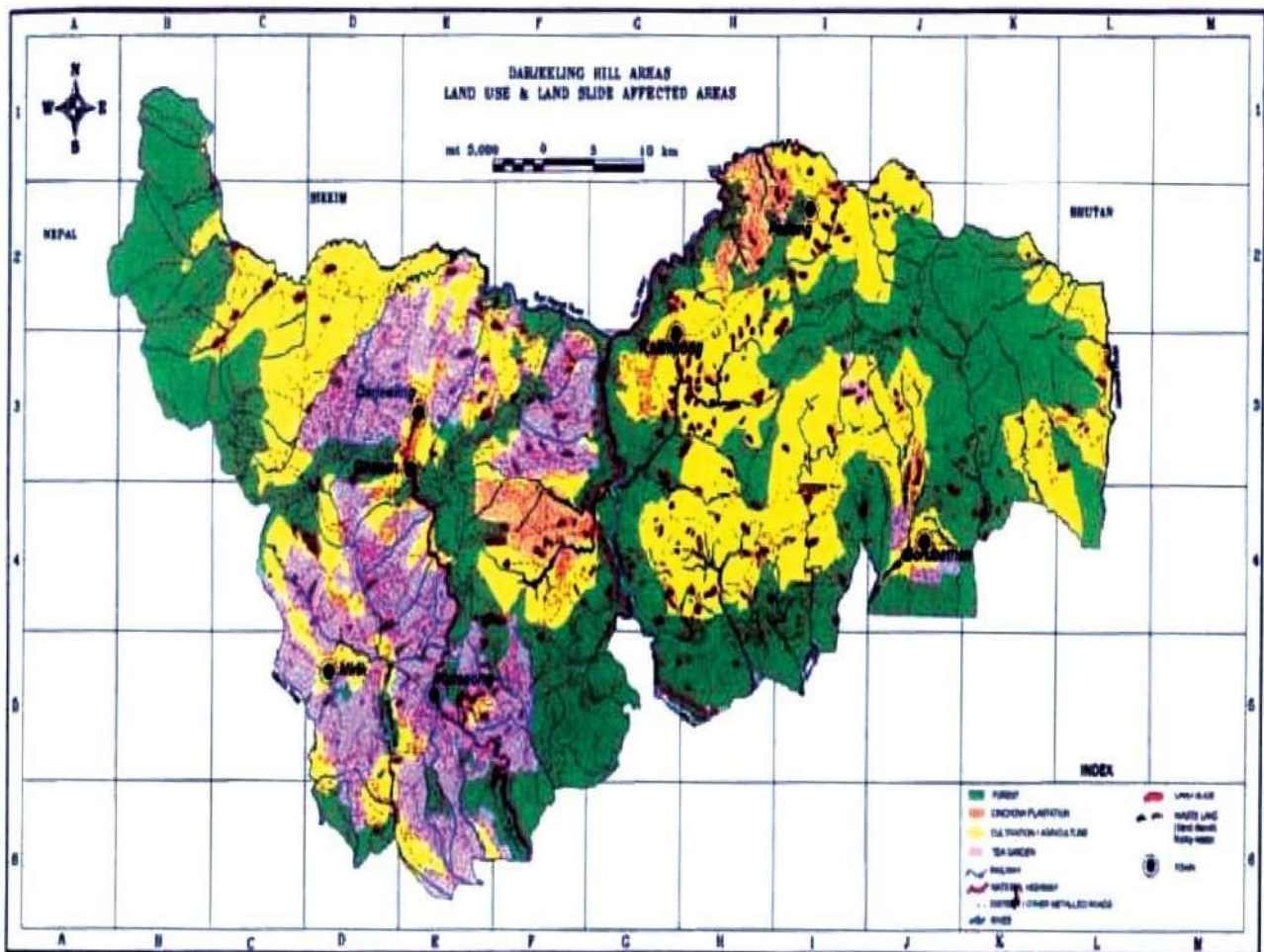
- To provide or make available seismic micro zonation to all districts.
- Provide vulnerability and risk assessment map to districts and departments.
- Departmental earthquake contingency plan.
- Ensure earthquake related departmental action plan and SOP.

The agencies those who are to be ready and prepared to mitigate earthquake are:-Department of Irrigation and Waterways, Public Works Department, Department of Sundarban Affairs , Department of Health & Family Welfare, Department of North Bengal Development, Department of Urban Development and Municipal Affairs, Department of Tourism, Department of Power and Non-Conventional Source of Energy, Public Health Engineering, Department Industry Commerce and Enterprises, Department of Panchayat and Rural Development, Department of Fisheries, Department of School Education, Department of Higher Education, Department of Animal Resource Development, Department of Fire and Emergency Services, Department of Food and Supplies, District Administration & Police Administration.ATI/SIPRD/ILGUS imparts training on earthquake preparedness.

LANDSLIDE:

Landslides -These are slippery masses of rock, earth or debris which move by force of their own weight down mountain slopes or river banks. Landslides are common disaster phenomena in Darjeeling & Kalimpong districts of West Bengal.

The landslide hazard in West Bengal has been observed mostly in the hilly terrains of Darjeeling & Kalimpong Districts. Urbanization, especially in the hilly terrains, involving construction activities often causes perturbations in the hill slopes triggering landslides.



The agencies those who are in line to prepare and mitigate landslides are:-

Public Works Department, Department of Health & Family Welfare, Department of North Bengal Development, Department of Urban Development and Municipal Affairs, Department of Tourism, Public Health Engineering, Department of Panchayat and Rural Development, Department of School Education, Department of Higher Education, Department of Fire and Emergency Services, Department of Food and Supplies, District Administration & Police Administration.

COLD WAVE ACTION PLAN:

A cold wave is a meteorological event generally characterised by i) sharp drop of air temperature near the surface, leading to extremely low values; ii) steep rise of pressure; iii) strengthening of wind speed; iv) associated with hazardous weather like frost and icing. Cold wave, heavy snowfall/rainfall, fog, snowstorms etc. have emerged as major weather hazards. It can affect adversely on environment, agriculture, health, livestock, livelihoods, socio-economy, and other allied sectors. The extent of damage caused by a cold wave depends on the temperature, length of exposure, humidity levels, and the wind speed.

Impact of Cold Wave in West Bengal: Cold wave is a localised seasonal phenomenon. As only a very small part of the Himalayas runs through the northern parts of West Bengal, the occurrence of Cold Wave is very rare in this state. Although, the northern parts of West Bengal, specially the hilly regions (Darjeeling, Kalimpong) and Western Districts (Purulia, Paschim Bardhaman, Bankura, Birbhum and Jhargram) and the adjoining plains are influenced by transient disturbances in the mid latitude westerlies which often have weak frontal characteristics. As per the information shared by Regional Meteorological Centre, Kolkata, these districts faced following few days of cold waves for the last four years:

SI No.	Districts observed Cold wave	Year wise number of Months & Days in which cold wave prevails			
		2018	2019	2020	2021
1	Birbhum	January- 9 days December- 1 day	January-1 day December- 5 days	February -1 day December- 2 days	January -1 day Decemeber-1 day
2	Purulia	January- 2 days	January-1 day December- 3 days	February -1 day December- 3 days	January- 4 days
3	Bankura	---	January -1 day Decemeber-1 day	---	January -1 day February-1 day
4	Paschim Bardhaman	January -1 day Decemeber-1 day	January -1 day Decemeber-1 day	---	---
5	Darjeeling	January -1 day Decemeber-1 day	---	---	---
6	Kalimpong	January -1 day	December- 4 days	January -1 day	---
7	Malda	January- 3 days	January- 9 days	---	January -1 day

Hence an Action plan on Cold wave has been framed for immediate and longer-term actions to increase preparedness, information sharing and response coordination to reduce the impacts on vulnerable populations. The NDMA guideline for Preparation of Action Plan- Prevention & Management of Cold Wave & Frost has been shared with all the Districts of the State.

Hazard Analysis -Due to West Bengal's vast geographical area, Cold waves are prominent in the northern part of the State, alongwith adjoining area. In the current climate change regime, these weather-related events (like cold waves) are further aggravated.

Vulnerability Analysis- The impact of hazard events such as cold waves, extreme cold waves, rainfall, snowfall, is substantial and represents an increasing threat over West Bengal. The extent of vulnerability (mild, moderate or intensive) and the probable estimate of damages to agriculture including animal husbandry due to cold wave is defined the vulnerability of cold wave. Cold waves may also impact the efficiency and operation of other

infrastructure like, Energy/(Power), IT/(Communications), Transportation, Banking & Finance, Government Services, Emergency Services, Water Supply/Management, Food production/security, etc.

Risk Analysis- Risk assessment includes an evaluation of all elements that are relevant to the understanding of the existing hazards and their effects on a specific environment. Special care has been taken to prevent fire accidents caused by heating pots within homes.

Early Warning and Communication: IMD issues forecasts & warnings for all weather related hazards including Agro-met advisory for farmers at local level in short to medium range (valid for the next five days) every day as a part of its multi-hazard early warning system. The warnings received from IMD are transmitted to the concerned district authority as well as up to block offices and in some cases to the concerned district authority through whatsapp system regulated at the SEOC.

Do's and Don'ts in Cold Wave:

Do's

Before

- Listen to the radio; watch TV, read newspapers for local weather forecast to know if a cold wave is round the corner.
- Do stock adequate winter clothing. Multiple layers of clothing are more helpful.
- Keep emergency supplies ready.
- An increased likelihood of various illnesses like flu, running/ stuffy nose or nosebleed, which usually set in or get aggravated due to prolonged exposure to cold. Consult the doctor for symptoms like these.

During

- Follow weather information and emergency procedure information closely and act as advised.
- Stay indoors as much as possible and minimize travel to prevent exposure to cold wind.
- Wear multiple layers of loose fitting, lightweight, windproof warm woolen clothing, rather than one layer of heavy clothing. Tight clothing reduces blood circulation.
- Keep yourself dry. If wet, then cover your head, neck, hands and toes adequately as the majority of heat loss occurs through these body parts.
- Prefer mittens over gloves. Mittens provide more warmth and insulation from cold, as fingers share their warmth and expose less surface area to the cold.
- Use hats and mufflers to prevent heat loss, Wear insulated / waterproof shoes.
- Eat healthy food to maintain the equilibrium of body temperature
- Drink hot fluids regularly, as this will maintain body heat to fight cold.
- Take care of elderly people and children and check on neighbours who live alone, especially the elderly about their well-being.
- Do store essential supply as per requirement. Store adequate water as pipes may freeze.
- Follow the guide on heat insulation for non-industrial buildings and take necessary preparedness measures.
- Watch out for symptoms of frostbite like numbness, white or pale appearance on fingers, toes, earlobes and the tip of the nose, while exposed to cold waves.
- Treat the areas affected by frostbite in warm (not hot) water (the temperature should be comfortable to touch for unaffected parts of the body).
- Do not ignore shivering. It is an important first sign that the body is losing heat and is a signal to return indoors quickly.
- Seek medical attention as soon as possible for someone suffering from Frostbite/Hypothermia.
- Move pet-animals indoors. Likewise, protect livestock or domestic animals from cold weather by moving them inside.

- Severe exposure to cold wave can lead to Hypothermia – a decrease in body temperature that can cause shivering, difficulty in speaking, sleepiness, stiff muscles, heavy breathing, weakness, and/or loss of consciousness. Hypothermia is a medical emergency that needs immediate medical attention.
- Consult doctor for symptoms like various illnesses, running/stuffy nose particularly during the period of COVID -19.

In the case of hypothermia

- Get the person into a warm place and change 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

- Avoid prolonged exposure to cold,
- Don't drink alcohol. It reduces your body temperature; it actually narrows your blood vessels, particularly those in the hands, which can increase the risk of hypothermia.
- Do not massage the frostbitten area. This can cause more damage. Do not give the affected person any fluids unless fully alert.

HEATWAVE ACTION PLAN:

Heat wave is a condition of atmospheric temperature that leads to physiological stress, which sometimes can claim human life. Heat wave is defined as the condition where maximum temperature at a grid point is 3°C or more than the normal temperature, consecutively for 3 days or more. World Meteorological Organization defines a heat wave as five or more consecutive days during which the daily maximum temperature exceeds the average maximum temperature by five degrees Celsius. If the maximum temperature of any place continues to be more than 45° C consecutively for two days, it is called a heat wave condition.

As the state of West Bengal is situated in the arch bend of Bay of Bengal, the weather condition of this state is moderate that is neither very hot nor too cold. Close proximity to sea helps in regular moisture inclusion in the wind, thus resist the hot air blowing from northern part of India often prevents creating Heat wave like condition in the state. However, since 2010, records of increased temperature from the normal have been observed in regularity. Hence, the Heat Wave Action Plan has been framed for immediate and longer-term actions to increase preparedness, information sharing and response coordination to reduce the health impacts of extreme heat on vulnerable populations. The NDMA guideline for Preparation of Action Plan- Prevention & Management of Heat Wave has been shared with all the Districts of the State.

Heat wave in West Bengal: West Bengal has 6 districts (Purulia, Bankura, Birbhum, Paschim Medinipur, Jhargram & Paschim Bardhaman) which are prone to heat wave like conditions. These districts are situated in western parts of West Bengal and are geographically adjacent with the Chotanagpur plateau area. Chotanagpur plateau region is located away from coastal areas. This makes the region very dry and prone to high temperature during the summer months.

As per the AGROMET Advisory Bulletin for the State of West Bengal and Andaman Islands for the period from 21st May to 25th May, 2022 by RMC, Kolkata, the distribution of minimum and maximum temperature in the month of May, 2022 is written in the table below:

District	Maximum Temperature (°C)	Minimum Temperature (°C)
Darjeeling	22-23	13-15
Kalimpong	25-25	18-19
Jalpaiguri	31-33	26-27
Alipurduar	31-33	23-25
Cooch Behar	27-33	22-24
North Dinajpur	30-33	23-26
South Dinajpur	32-34	19-28

District	Maximum Temperature (°C)	Minimum Temperature (°C)
Malda	35-36	26-26
Murshidabad	33-36	26-27
Birbhum	32-37	26-27
Nadia	37-38	27-28
North 24 Parganas	35-37	27-28
Hooghly	35-38	25-29
Howrah	34-36	28-29
Purba Bardhaman	37-37	24-26
Paschim Bardhaman	37-38	24-26
Purulia	38-40	23-27
Bankura	36-38	23-27
Jhargram	33-36	25-28
Paschim Medinipur	34-37	26-28
Purba Medinipur	34-37	26-28
South 24 Parganas	31-35	24-29

Forecast and Issuance of Heat Alert: India Meteorological Department (IMD) is mandated to meteorological observations and provides current and forecast meteorological information for optimum operation of weather-sensitive activities. It provides warning against severe weather phenomena like tropical cyclones, dust storms, heavy rains and snow, cold and heat waves etc. It also provides real time data and weather prediction of maximum temperature, Heat wave warning, Heat-alert for the vulnerable cities/rural area of the severity and frequency.

Prevention, Preparedness and Mitigation Measures: Prevention, preparedness and mitigation measures for various stakeholders are enumerated in the following table:

Table 1 :

Sl. No.	Tasks/ Activities	State Agencies & Their Responsibilities	
		State	Responsibility
1.	Preparation of Heat Wave Action Plan	SDMA/ DDMA/ Municipal Corporation and Local Bodies	Preparing and Implementing a Heat Wave Action Plan
2.	Early Warning	State Governments/ District Administration	To disseminate the information received from IMD to the public at large
3.	Mitigating Heat Wave	Public Health and Engineering	To construct shelters/ sheds, bus stands and provide drinking water points in cities, worksites.
		Department of Health & Family Welfare	Stockpiling of ORS , creating Medical posts at places of mass gathering
4.	Monitoring and Response	Department of Health & Family Welfare	<ul style="list-style-type: none"> • Surveillance • deployment of Rapid Response Teams • specific care for vulnerable groups
5.	Media campaign and IEC activities	Department of Information and Cultural Affairs/ SDMAs/ Department of Health & Family Welfare	Extensive IEC campaigns to create awareness through print, electronic and social media
6.	Documentation	Department of Disaster Management & Civil Defence/ SDMAs/ DDMA/ Department of Health & Family Welfare	Collecting Data and Information
7.	Long Term Measures	Forest Department/ SDMAs and other concerned Department	Improving the forest coverage and green areas

Do's and Dont's: 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, the following measures are useful:

DO'S:

- Listen to Radio, watch TV, read News paper for local weather forecast to know if a heat wave is on the way
- 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.
- While travelling, carry water with you.
- If you work outside, use a hat or an umbrella and also use a damp cloth on your head, neck, face and limbs.
- Use ORS, homemade drinks like lassi, torani (rice water), lemon water, buttermilk, etc. which help to re-hydrate the body.
- Recognize the signs of heat stroke, heat rash or heat cramps such as weakness, dizziness, headache, nausea, sweating and seizures. If you feel faint or ill, see a doctor immediately.
- 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.
- Provide cool drinking water near work place.
- Caution workers to avoid direct sunlight.
- Schedule strenuous jobs to cooler times of the day.
- Increasing the frequency and length of rest breaks for outdoor activities.
- Pregnant workers and workers with a medical condition should be given additional attention.

DONT'S:

- Do not leave children or pets in parked vehicles.
- Avoid going out in the sun, especially between 12.00 noon and 3.00 p.m.
- Avoid wearing dark, heavy or tight clothing.
- Avoid strenuous activities when the outside temperature is high. Avoid working outside between 12 noon and 3 p.m.
- Avoid cooking during peak hours. Open doors and windows to ventilate cooking area adequately.
- Avoid alcohol, tea, coffee and carbonated soft drinks, which dehydrates the body.
- Avoid high-protein food and do not eat stale food.

INDUSTRIAL (CHEMICAL) HAZARD:

Industrial hazards are an increasing source of risk to their people and its environment. This is an effect of globalization of production, an increase of industrialization and a certain level of risk of accidents connected with production, process, transportation and waste management. These risks are associated with the increase of substances in accident condition or with the production of such substances under certain conditions such as fire.

The districts of Howrah, Hoogly, South and North 24 Parganas, Purba Medinipur, Paschim Bardhaman are highly vulnerable to industrial hazards as these districts are dotted with industrial belts and units. Industries attract population and the density increases the vulnerability of the zone. Better preparedness will help lowering the vulnerability. District specific plan to drawn up and mock exercises would be conducted to enhance the capacity of the disaster mangers & community as a whole and lowering disaster risks. The following activities are planned to reduce industrial (chemical) disaster risk.

- Undertake HRVA as part of preparing and periodic revision of DM plans of line departments, districts and industries.
- Follow-up on-site and off-site disaster management plans of industries and organizing drills following plans.

- Ensuring water storage facilities and sources of water for accident containment and firefighting operations.
- Resource mapping to make use of the combined resources of the plant and the outside services to reduce loss of life & property in collaboration with Districts
- Identification & tie-up with hospitals & clinics for emergency treatment and arrangement for ambulance, oxygen and medicines etc.
- Organizing Awareness camps & training and district level mock drills
- Monitoring change in vulnerability and risk under changing scenario.
- Identification & tagging of shelters with basic facilities like drinking water and first aid for chemical exposure.
- Mapping of wide roads and multiple routes in the industrial area to allow quick access by first responders and to ensure escape pathways.
- Review rules to grant compensation to chemical accident victims
- Monitoring of safety audits and enforcement of disaster prevention norms.
- Empowering women, marginalized, and persons with disabilities to cope with industrial (Chemical) disasters
- Emergency communication and coordination with line agencies / departments be established.
- Community-Based Disaster Management initiative.

The departments that are responsible to prepare and mitigate the Industrial hazards are:-

Department Industry Commerce and Enterprises, Public Works Department, Department of Health & Family Welfare, Department of Urban Development and Municipal Affairs, Department of Power and Non-Conventional Source of Energy, Public Health Engineering, Department of Panchayat and Rural Development, Department of Animal Resource Development, Department of Fire and Emergency Services, Department of Food and Supplies, District Administration & Police Administration, State Pollution Control Board.

DROUGHT Management Plan

For Drought, nodal department would be Agriculture department. This department will work in co ordination with IMD and Irrigation & Waterways department. The detailed plan of drought is to be prepared by Agriculture department.

What is drought?

As per Manual for Drought Management developed by Ministry of Agriculture & Farmers Welfare, Government of India, Drought is a temporary aberration, unlike aridity or even seasonal aridity (in terms of a well defined dry season), which is a permanent feature of climate. Drought in contrast is a recurrent, yet sporadic feature of climate, known to occur under all climatic regimes and is usually characterized by variability in terms of its spatial expanse, severity and duration.

Traditional way of determining Drought: The Government of India revised its norms in 2015 to lower the eligibility threshold from 50% loss to 33% loss to sown crops on account of drought to qualify for relief assistance. It was, however, noticed that some States still continue to recognise a minimum loss/ damage of 50% to sown crops (i.e, annewari /paisewari/ girdawari less than 50%) for the declaration of an area as drought affected.

[Source: Manual for Drought Management developed by Ministry of Agriculture & Farmers Welfare, GoI]

Modern way of determining Drought: Five categories of indices are recommended for developing a monitoring matrix for drought. Rainfall is considered to be the most important indicator and therefore related meteorological data should be mandatorily considered in making any assessment of drought. The major indices are:

1. Rainfall Related Indices

A) Rainfall deviations, B) Dry Spell and C) Standard Precipitation Index

2. Remote Sensing based Vegetation Indices

3. Crop Situation Related Indices

A) Area under Sowing, B) Soil Moisture Based Indices

4. Hydrological Indices

5. Other Factors

[Source: Manual for Drought Management, Ministry of Agriculture & Farmers Welfare, GoI]

The State Governments will declare drought through a notification specifying clearly the geographical extent and administrative units such as Gram Panchayats, Blocks, Sub-Divisions and Districts. Such notification will also indicate the level of intensity of the drought (moderate or severe). The validity of such notification will not be for more than 6 months unless de-notified earlier.

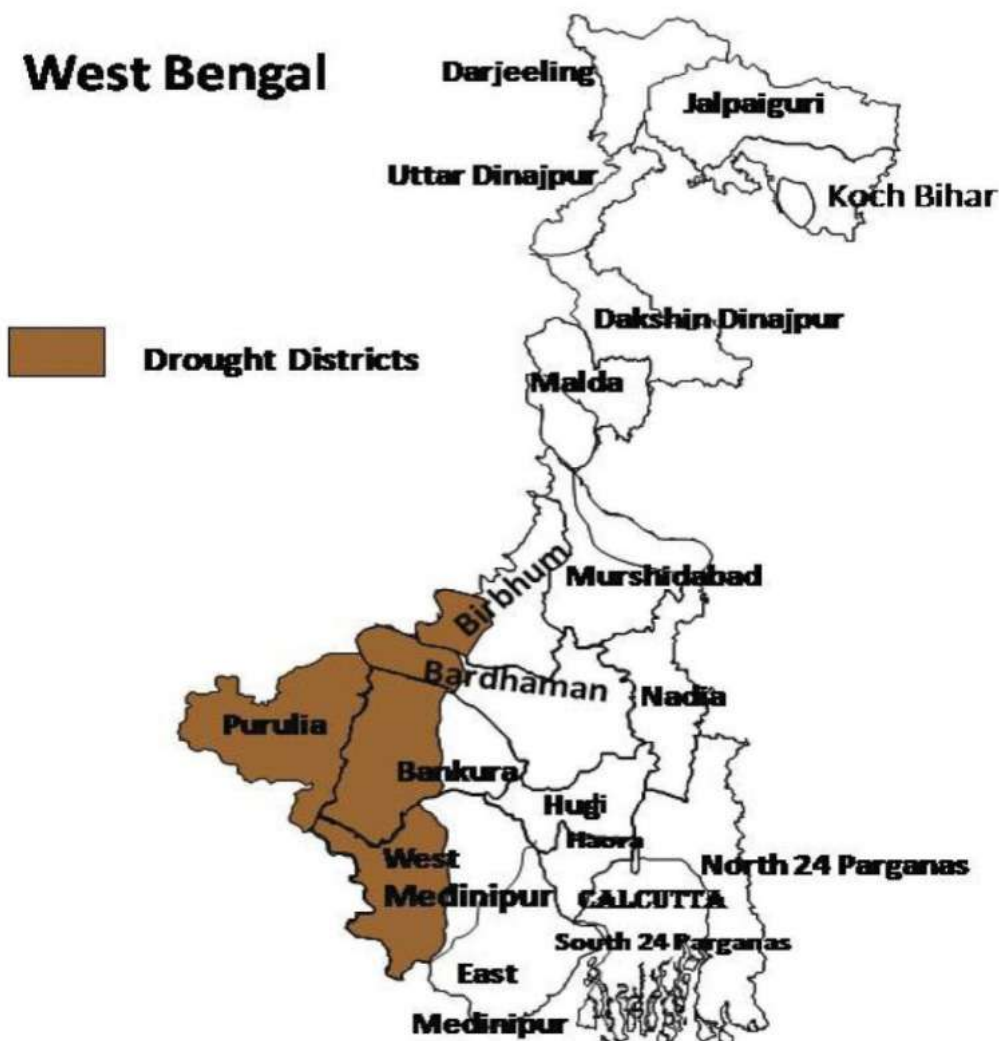
[Source: Manual for Drought Management, Ministry of Agriculture & Farmers Welfare, GoI]

Elements at risk: Drought impacts mostly rain fed crops to start with and subsequently the irrigated crops. Areas with minimum of alternative water sources to rainfall (ground and canal water supplies), areas subjected to drastic environmental degradation such as denuded forest lands and altered ecosystems, and areas where livelihoods alternative to agriculture are least developed are most vulnerable to drought. The herdsman, landless labourers, subsistence farmers, the women, children, and farm animals are the most vulnerable groups affected by the drought conditions.

Typical Effects: Drought, different from other natural disasters, do not cause any structural damages. The typical effects include loss of crop, dairy, timber (forest fires), and fishery production; increase in energy demand for pumping water; reduced energy production; increased unemployment, loss of biodiversity, reduced water, air and landscape quality; groundwater depletion, food shortage, health reduction and loss of life, increased poverty, reduced quality of life, and social unrest leading to migration.

Districts with Lesser Rainfall in West Bengal: The districts of Bankura, Purulia, Birbhum and parts of Paschim Midnapore have been affected by deficient rainfall and adverse soil conditions.

Lesser rainfall area Map of West Bengal



As Per Agriculture department, Government of West Bengal, Precautionary measures to be followed to overcome the adverse effects of Drought:-

To make preparedness effective at the grass root level, a joint monitoring of ground situation in the month of May, by the District level officers of Department of Agriculture, Irrigation and Waterways and WRI&D are to be made to find out the irrigation water availability from all Major, Medium and Minor Irrigation sources of that particular district, quantifying it at the block level, documenting the entire report and finally fortnight monitoring of the situation.

• **During Early season Drought (June to 1st week of July) the following actions to be taken:-**

- i) To harvest the runoff water, more number of surface water harvesting structures like pond, dug well etc. are to be excavated and as the land areas of terai zone are having good slope, the models like constructing dug well/water harvesting structures at lower elevation of the slope and pumping water from the well to give sustainable irrigation during drought can be explored.
- ii) Construction of earthen bunds around the individual plot to harvest runoff water.
- iii) Compulsory application of organic manure at recommended doses to improve the water holding capacity of the soil to combat adverse effects of drought in a better way.
- iv) Preparation of Community Seedbed of rice seedlings near common source of water body i.e. pond, dug well etc. and earmark at least 10 % area under each block at least a month before normal seedbed preparation of rice, suitable for this community seedbed.

- v) Staggered sowing of rice seed in seedbed at 10 days interval.
 - vi) Double transplanting of medium to long duration rice varieties to avoid the drought time in the main field.
 - vii) Application of 50% Nitrogen as basal dose and closer spacing with higher number of seedlings per hill are to be practiced.
 - viii) Direct seeding of rice through Zero/Minimal Tillage machine as per recommendation.
 - ix) In upland areas cultivation of arhar, black gram, groundnut and maize and mixed crop of maize and arhar are the better crop options
- **During Late season Drought (August) the following actions to be taken:-**
 - i) To harvest the runoff water, more number of surface water harvesting structures like pond, dug well etc. are to be excavated and as the land areas of terai zone are having good slope, the models like constructing dug well/water harvesting structures at lower elevation of the slope and pumping water from the well to give sustainable irrigation during drought can be explored.
 - ii) Construction of earthen bunds around the individual plot to harvest runoff water.
 - iii) Compulsory application of organic manure at recommended doses to improve the water holding capacity of the soil to combat adverse effects of drought in a better way.
 - iv) Double transplanting of medium to long duration rice varieties to avoid the drought time in the main field.
 - v) It is recommended to practice mechanical weeding in rice field under this situation and use the uprooted biomass of weeds as soil mulch or use other mulching materials like straw in the rice field to conserve soil moisture. Not only that, due to soil pulverization through mechanical weeding, the soil capillary tubes are broken resulting in further reduction of evaporation loss of soil moisture coming from the ground water through capillary rise.
 - vi) It is also recommended not to apply nitrogenous fertilizers in the soil during this dry period to avoid the higher growth of weeds. However, depending upon the crop growth, foliar spray of either DAP or Urea @ 1-2% may be applied at the critical growth stages of the crop, to combat the adverse weather condition.

In case of Drought during part or the whole period of Kharif season advisory may be given to the farmers through monitoring of situation involving block/sub-division and district level Agricultural Officers in the following suggestive line.

In this State there are several State Plan Scheme like, Distribution of improved, high-yielding and hybrid seeds of different crops through Minikits, subsidized sale of quality seeds etc. to take up relief measures through distribution of paddy seeds, distribution of Minikits of different crops to the small and marginal farmers as well as distribution of different seeds specially paddy and wheat on subsidized rate in addition to the relief measures which are to be taken up out of the State Disaster Response Fund (SDRF).

The State Govt. has taken the production programme of quality seeds of different crops considering the requirement of seed in the State.

[Source: Disaster Management Plan-2022-23of Deptt. of Agriculture, GoWB]

CHAPTER 5

Early Warning, Preparedness, Prevention and Mitigation

Early Warning and Dissemination System:

In most disaster situations, the experience has shown that loss of life and property could be significantly reduced because of preparedness measures and appropriate warning systems. The importance of warning systems therefore hardly needs any emphasis. Indiscriminate warnings may result in non-responsiveness of the people. It is therefore necessary that in every disaster a responsible officer is designated to issue the warnings. Alert/Warning indicates the onset of a disaster for which a warning system is essential. This system may range from alarms (e.g., for fires), sirens (e.g., for industrial accidents) to public announcements through radio, television etc. (e.g., for cyclones, floods). Other traditional modes of communication (e.g. beating of drums, ringing of bells, hoisting of flags) are also used in inaccessible areas.

Coordinating Agencies for Early Warning/Information on different Disasters

Disaster	Nodal Agency	Responding Agencies
Earthquakes	IMD	Indian Meteorological Department (IMD), Disaster Management & Civil Defence Department, District Magistrates, Police, Fire & Emergency Department
Floods	Irrigation & Waterways Department	Indian Meteorological Department, Central Water Commission, Irrigation & Waterways Department, Disaster Management & Civil Defence Department, District Magistrates, Police, Public Works Department, Animal Resource Department, Agriculture Department
Tsunami	INCOIS	Indian National Centre for Ocean Information Services (INCOIS)
Cyclones	IMD & DMCD Department	Indian Meteorological Department (IMD), Disaster Management & Civil Defence Department, District Magistrates, Police
Heat Wave	IMD	Indian Meteorological Department (IMD), Disaster Management & Civil Defence Department, District Magistrates, Police
Epidemics	Health & Family Welfare Department	Health and Family Welfare Department
Road Accidents	Transport Department	Police, District Authorities, Transport Department
Train Accidents	Indian Railways	Indian Railways, Police, District Administration
Industrial and Chemical Accidents	Labour Department	Industry Department, Police, Directorate of Industrial Safety Health, Atomic Energy Regulatory Board
Fire Incidents	Fire & Emergency Department	Fire Brigade, Police Department, District Administration
Landslide	Home & Hill Affairs Department	Home & Hill Affairs Department, District Administration, Disaster Management & Civil Defence Department
Forest Fire	Forest Department	Forest Department, Police, District Administration, Disaster Management & Civil Defence Department

The warnings received from IMD and other early warning disseminating agencies are transmitted to the concerned district authority as well as up to block offices and in some cases to the concerned vulnerable group through a sms based system regulated at the SEOC.

Dissemination of Warning:

- Communities in disaster prone areas are made aware of the warning.
- All warning systems and technologies are maintained in working condition and checked regularly.
- Alternate warning systems must be kept in readiness in case of technical failure (e.g., power failure).
- Only the designated agencies/officers will issue the warning.
- All available warning systems should be kept ready.
- The warning should to the extent possible be clear about the severity, the time frame, area that may be affected.
- Warning statements should be conveyed in a simple, direct and non-technical language, and incorporate day-to-day usage patterns.
- The do's and don'ts should be clearly communicated to the community to ensure an appropriate responses.
- Warning statements should not evoke curiosity or panic behaviour. This should be in a professional language devoid of emotions.
- Effective media management and rumor control mechanisms should be activated.
- All relevant agencies and organizations should be alerted.
- Wherever possible, assistance of community leaders and organized groups should be sought in explaining the threat.
- Once a warning is issued, it should be followed-up by subsequent warnings in order to keep the people informed of the latest situations.
- When the disaster threat tiding away, an all-clear signal must be given.

PREPAREDNESS MEASURES:

Preparedness involves activities undertaken in advance of an emergency to develop and enhance Operational capacity to respond and recover from an emergency. As part of a comprehensive preparedness program, there should be established - plans and procedures, prevention programs, resource management system, MoU / agreements with service providers (PPP), training awareness programs.

Preparedness Planning:

Planning is the one of the key elements in the Preparedness cycle. Preparedness cycle illustrates the way the plans are continuously evaluated and improved through a cycle of planning, organizing, training, equipping, exercising, evaluating and taking corrective action.

The state government and its departments assigned emergency responsibilities in this plan will prepare appropriate supporting plans and related standard operating procedures that describe how emergency operations will be carried out with the help of following plan:-

- District Disaster Management Plan;
- Hazard Specific Plan;
- PPP Model, MoU etc.

Recovery Plan:

District authority and other agencies are encouraged to develop recovery plans prior to the occurrence of a disaster. Such a plan should establish mechanisms for recovery decision-making and identify key participants in the recovery organization, including non-governmental and private sector entities. The plan should also identify processes and procedures for requesting state and central recovery assistance and ensuring that recovery activities are carried out in accordance with the requirements of these programs.

Durga Puja, Kalipuja, Eid & Ganga Sagar Mela are the major annual festival in the state where millions of people participate and celebrate those events. West Bengal Police and Kolkata Police in collaboration with respect districts use to prepare combine offsite and onsite crowd management plan as per the guide lines provided by the WBSDMA. Accordingly, EOC monitors the entire situation during the festivals on 24x7 basis

and these crowd management plans are successfully implemented in tandem with SOPs as well. This disaster management plan is used by the respective authority and updated on regular basis.

Preparedness Training & Capacity Building:

Training, tests and exercises are essential to ensure Government officials, emergency response personnel and the public are operationally ready. As part of the emergency management training curriculum, it is recommended that personnel with emergency responsibilities complete emergency management courses as prescribed from time-to-time by the National / State Authority.

Training program should include all stakeholders including community, all frontline workers, civil defence, home guard, NSS, NCC, NYK, Schools and colleges, Civil society, CBOs, corporate entities, SDRF, Fire brigade.

Prevention and Mitigation:

Prevention consists of actions that reduce risk from natural or human made disaster incidents. List and elaborate all types of measures (like - building codes, floodplain management, storm water management, coastal area zoning and management plan etc.) planned and implemented by the States as a part of prevention measures.

It is good to have long term mitigation goals in place and connect these goals with measures that State has planned and implemented. These goals may include (but not limited to)

- Provide better early warning methods for flood, storms, cyclone to reduce the destruction and loss of life
- Provide for safer environments for transportation systems
- Eliminate flooding in populated areas
- Ensure redundant water supply systems
- Reduce effects of the natural environment on the infrastructure Ensure redundant power systems on critical facilities
- Ensure adequate materials available for road maintenance

Protection reduces or eliminates a threat to people, property, and the environment. Primarily focused on adversarial incidents, the protection of Critical Infrastructure and Key Resources (CIKR) is vital to local States, national security, public health & safety and economic vitality. Protection includes actions or measures taken to cover or shield assets from exposure, injury or destruction. Protective actions may occur before, during or after an incident and prevent, minimize or contain the impact of an incident.

Mitigation with its focus on the impact of a hazard encompasses the structural and non-structural approaches taken to eliminate or limit a hazard's exposure; impact on people, property and the environment.

Common structural measures for disaster risk reduction include dams, flood wall / levies, ocean wave barriers, earthquake-resistant construction, and evacuation shelters.

Common non-structural measures include building codes, land use planning laws and their enforcement, research and assessment, information resources, and public awareness programmes. Note that in civil and structural engineering, the term "structural" is used in a more restricted sense to mean just the load bearing structure, with other parts such as wall cladding and interior fittings being termed non- structural.

Examples of mitigation activities include:-

- **Town Planning Act:** Planning, adopting and enforcing stringent building codes, flood-proofing requirements, seismic design standards and cyclone wind-bracing requirements for new construction or repairing existing buildings.
- **Zoning Regulations:** Planning and adopting zoning ordinances that steer development away from areas subject to flooding, storm surge or coastal erosion. Development Control Regulations: Incorporate the disaster management concerns into development. This should include all Government Sponsored Developmental Programs and Schemes.
- **Undertaking retrofitting work** on public buildings to withstand ground shaking or cyclone- strength winds.
- **Land use regulation:** Planning and building community shelters and tornado safe rooms to help protect people in their homes, public buildings and schools in hurricane and tornado-prone areas.

- **Safety norms** for economic and social infrastructures including places of worships and crowd management: Steps taken for developing and implementing public safety norms for critical infrastructures and places of worships.
- **Capacity Building for Mitigation:** Steps taken for human resource development and capacity building for effective disaster mitigation at State Level.
- **Awareness generation** on disaster mitigation.
- **Mainstreaming DRR** in all developmental projects.

Natural Disasters

The State follows all-hazard approach for disaster prevention and mitigation is multi- hazard approach due to its vulnerable to all-major natural hazards such as Drought, Flood, Cyclone, Storm Surge, Earthquake, Tsunami, Landslides etc.

Natural Disasters:

TASK	ACTIVITY	RESPONSIBLE DEPARTMENT
Structural Measures		
Mainstreaming Disaster Management in development programmes	<ol style="list-style-type: none"> 1. Ensure that each development programme/scheme in the State should be sanctioned /undertaken only if it meets the requirement of disaster management. 2. Ensure the programme/scheme/ project is facilitated with the provision for adequate funds of disaster management. 	<ol style="list-style-type: none"> 1. Planning, Statistics & Programme Monitoring Department; 2. Disaster Management & Civil Defence Deptt.; 3. All other line Departments. 4. HoD & District Authorities of the line Departments authorized /sanctioning plan/projects.
Adaption of advance technology	Application of Science and technology and engineering inputs to improve infrastructures including dams and reservoirs, building design, construction, etc.	<ol style="list-style-type: none"> 1. PWD Deptt. 2. Irrigation & Waterways Deptt. 3. Housing Deptt. 4. Deptt. Of Science & Technology. 5. GSI Eastern Region 6. Regional Remote Sensing Centre. 7. Indian Meteorological Centre.
Tech-legal-Regime	<ol style="list-style-type: none"> 1. Review and revision of building by laws 2. Review and revision of GDCR (general development Control Regulation)/CRZ (coastal regulation zone) etc. 3. Review and revision of town planning Act & Rules 4. Ensure strict implementation of Code and Rules 5. Monitoring of quality construction 	<ol style="list-style-type: none"> 1. Housing Deptt 2. Municipality & Urban Development Deptt. 3. Municipal Corporations 4. WBHIDCO 5. P&RD Deptt. 6. Housing Board ULB & PRI 7. Environment Deptt.
Forecasting and Warning	<ol style="list-style-type: none"> 1. Strengthening and Up gradation of existing forecasting system 2. Establish infrastructure for disaster warning and dissemination to the stake holders. 3. Develop specific warning dissemination system for ports, beach, salt workers and fishermen. 	<ol style="list-style-type: none"> 1. IMD 2. Disaster Management & Civil Defence Deptt. 3. Deptt. of Fishery 4. Irrigation & Waterways Deptt. 5. Information & Cultural Affairs Deptt. 6. Police.

Safety Audit	Carrying out structural safety audit of all critical Infrastructures and Key Resources (CIKR)	<ol style="list-style-type: none"> 1. Municipality & Urban Development Deptt. 2. PWD 3. Housing Deptt. 4. WBHIDCO 5. P&RD Deptt.
Non-Structural Measures		
Capacity Building	<ol style="list-style-type: none"> 1. Develop multi-hazard IEC (Information, education and communication) material for Publication & Distribution 2. Media campaign for awareness generation in general public 3. Organize training programmes, seminars and workshops 4. Include disaster related topics in curriculum 5. Encourage disaster insurance 6. Encourage favorable taxation / incentive 	<ol style="list-style-type: none"> 1. Disaster Management & Civil Defence Deptt. 2. Fire & Emergency Services Deptt.. 3. Deptt. of Civil Defence 4. Information & Cultural Affairs Deptt.. 5. Deptt. of Education 6. Deptt. of Finance. 7. Municipality & Urban Development Deptt. 8. P&RD Deptt.
Awareness	<ol style="list-style-type: none"> (1) Disseminate disaster risk to general public residing in vulnerable areas. (2) Campaign for disaster specific safety tips 	<ol style="list-style-type: none"> 1. Disaster Management & Civil Defence Deptt. 2. Education Dept. 3. ATI/SIPRD/ILGUS 4. Information & Cultural Affairs Deptt.

Human Made Disasters

Manmade disasters are unpredictable and can spread across geographical boundaries. Some disasters in this class are entirely manmade while other may occur because of natural disasters, equipment failures, or workers having inadequate training or fatigue and make errors.

Technological disasters include a broad range of incidents. Routes of exposure through water and food, airborne releases, fires and explosions, and hazardous materials or waste (e.g., chemical, biological, or radioactive) released into the environment from a fixed facility or during transport.

Fires, explosions, building or bridge collapses, transportation crashes, dam or levee failures, nuclear reactor accidents, and breaks in water, gas, or sewer lines are other examples of technological disasters.

Structural & Non-structural measures (Industrial hazard)		
Human Made Disasters :		
Task	Activity	Responsibility
Structural Measures		
Land use Planning	Planning permission of any factory/industry should consider the land use planning in view of hazard, risk and vulnerability of the State.	<ol style="list-style-type: none"> 1. Labour & Employment Deptt. 2. WBIDC 3. WBPCB 4. Local authority
Adaption of Advance Technology	Application of Science and technology and engineering inputs to improve industrial infrastructures	<ol style="list-style-type: none"> 1. Labour & Employment Deptt. 2. Department of Science & technology 3. Disaster Management & Civil Defence Deptt.

Tech-legal Regime	<ol style="list-style-type: none"> 1. Review and revision of Acts and Rules. 2. Strict implementation of Acts and Rules 	<ol style="list-style-type: none"> 1. Labour & Employment Deptt. 2. PWD (Electrical)
Capacity Building	<ol style="list-style-type: none"> 1. Establish infrastructure for onsite and offsite warning dissemination 2. Construction/Strengthening of EOC/ERC at all level 3. Procurement of all necessary equipment including PPE 	<ol style="list-style-type: none"> 1. Department of Industry & Commerce 2. District Magistrate. Municipal 3. Disaster Management & Civil Defence Deptt.
Safety Audit	Carry out structural safety inspection/audit	Concerned Inspectors
Planning	<ol style="list-style-type: none"> 1. Prepare an onsite and offsite emergency plan 2. Conduct mock drills as per regulations 3. Update the plan as per the requirement 4. Monitor similar activities in all the factories/ industries 	<ol style="list-style-type: none"> 1. Department of Industry & Commerce 2. District Magistrate. 3. Municipal Commissioner 4. Disaster Management & Civil Defence Deptt.
Non-Structural Measures		
Capacity Building	<ol style="list-style-type: none"> 1. Develop IEC material for Publication & Distribution 2. Awareness generation to general public and the people residing near MAH factories 3. Organize training programmes, seminars and workshops 4. Ensure the student community is imparted proper education on the relevant topics by schools/ colleges. 	<ol style="list-style-type: none"> 1. Department of Industry & Commerce 2. District Magistrate. 3. Municipal Commissioner 4. Disaster Management & Civil Defence Deptt. 5. Labour Deptt. 6. Education Deptt. 7. Finance Deptt. 8. IAG/NGOs

CHAPTER 6

Response Mechanism

Response Strategy:

During the Response Phase, emergency managers set goals, prioritise actions and chalk out operational strategies. This plan provides a broad overview of these goals, priorities, strategies and describes what should occur during each step, when and at which direction.

Section 22(2), 24, 30 and 34 of DM Act 2005 has clearly laid down various duties relating to Disaster Management to be performed by various agencies. No single agency or department can handle a disaster situation of any scale alone. Different departments have to work together to manage the disaster. For proper coordination and effective use of all available resources, the different departments and agencies need a formalized response management structure that lends consistency, fosters efficiency and provides appropriate direction during response. Response Management constitutes the functions of planning, execution and coordination. Planning in the pre-disaster phase is the responsibility of various authorities created under the DM Act, while the execution of the plans has to be carried out by various line departments of the Government and by existing administrative structure in the State as well as in Districts.

Operational Goals:

During the response phase, the agencies that are charged with responsibilities in this plan should focus on the following goals:

- Mitigate Hazards.
- Meet Basic Human Needs.
- Address Needs of People with Disabilities and Older Adults.
- Restore Essential Services.
- Support Community and Economic Recovery

Operational Priorities:

Operational priorities govern resource allocation and the response strategies for the State and its political subdivisions during an emergency. Below are operational priorities addressed in this plan:

- Save Lives - The preservation of life is the top priority of emergency managers and first responders and takes precedence over all other considerations.
- Protect Health and Safety - Measures should be taken to mitigate the emergency's impact on public health and safety.
- Protect Property - All feasible efforts must be made to protect public and private property and resources, including critical infrastructure, from damage during and after an emergency.
- Preserve the Environment - All possible efforts must be made to preserve environment and protect it from damage during an emergency.

Response Structure and Organization:

Incident Response System (IRS) is a system of Management by Objectives through IAP (Incident Action Plan). It takes care of any expanding incident through an organizational structure of Command Staff, Sections, Branches, Divisions, Groups, Units, resources and span of control. Through Unified Command (UC) it allows all agencies having jurisdictional or functional responsibilities to jointly develop incident objectives and strategies.

IRS requires that every emergency response involving multiple area or multiple agencies include the four functions.

Command/Management: Command is responsible for the directing, ordering, and/or controlling of resources at the field response level. Management is responsible for overall emergency policy and coordination at the IRS EOC levels.

Command: A key concept in all emergency planning is to establish command and tactical control at the lowest level that can perform that role effectively in the organization. Management: The EOC serves as a central location from which multiple agencies or organizations coordinate information collection and evaluation, priority setting and resource management.

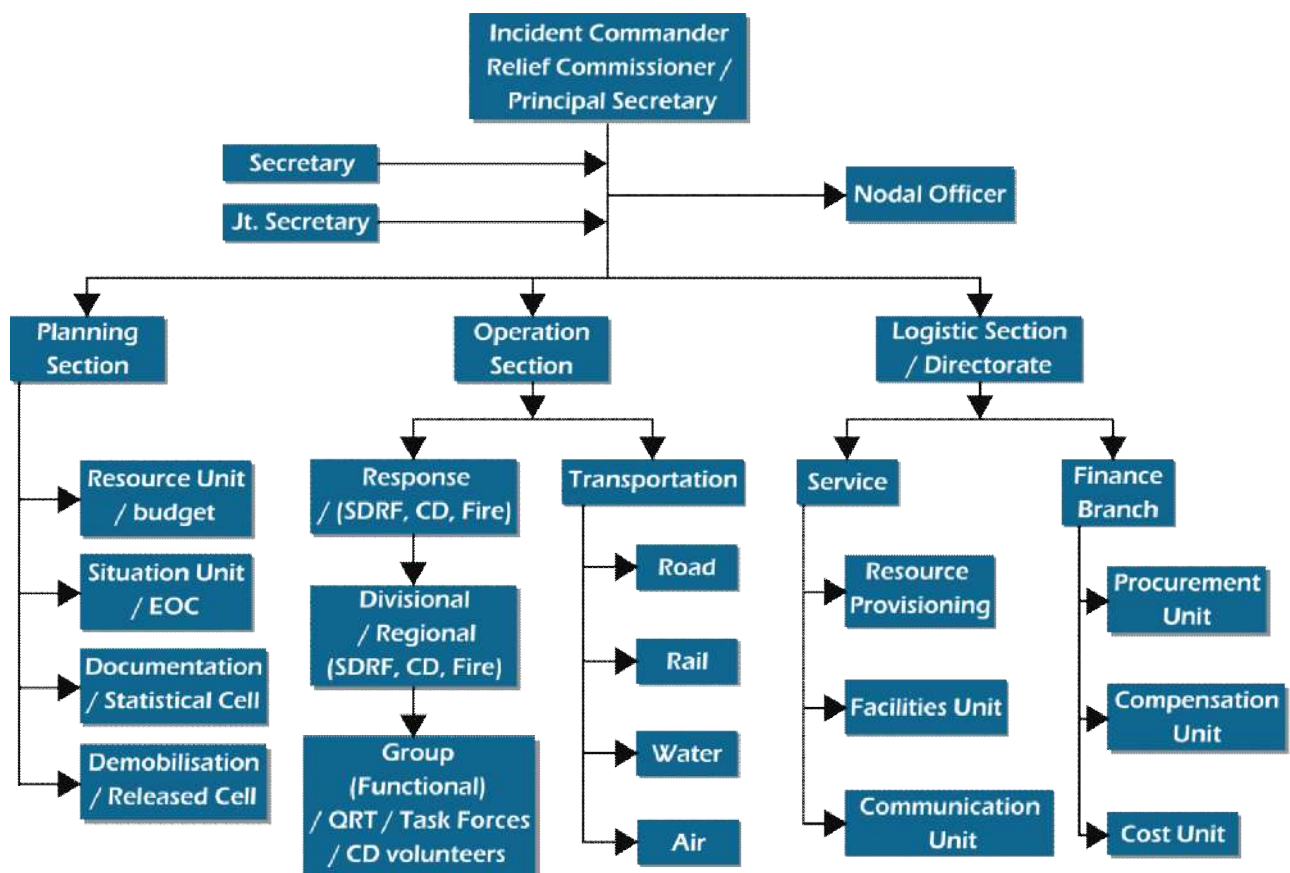
Operations: Responsible for coordinating and supporting operations in support of the response to the emergency through implementation of the organizational level's Action Plans (AP). At the Field Level, the Operations Section is responsible for the coordinated tactical response directly applicable to, or in support of the objectives in accordance with the Incident Action Plan (IAP). In the EOC, the Operations Section Coordinator manages functional coordinators who share information and decisions about discipline-specific operations.

Planning: Planning/Intelligence also maintains information on the current and forecasted situation and on the status of resources assigned to the emergency or the EOC. As needed, Unit Coordinators are appointed to collect and analyze data, prepare situation reports, develop action plans, set Geographic Information Systems (GIS) priorities, compile and maintain documentation, conduct advance planning, manage technical specialists and coordinate demobilization.

Logistics: Responsible for providing facilities, services, personnel, equipment and materials in support of the emergency. Unified ordering takes place through the Logistics Section Ordering Managers to ensure controls and accountability over resource requests. As needed, Unit Coordinators are appointed to address the needs for communications, food, medical, supplies, facilities and ground support.

Incident Response Team (IRT):

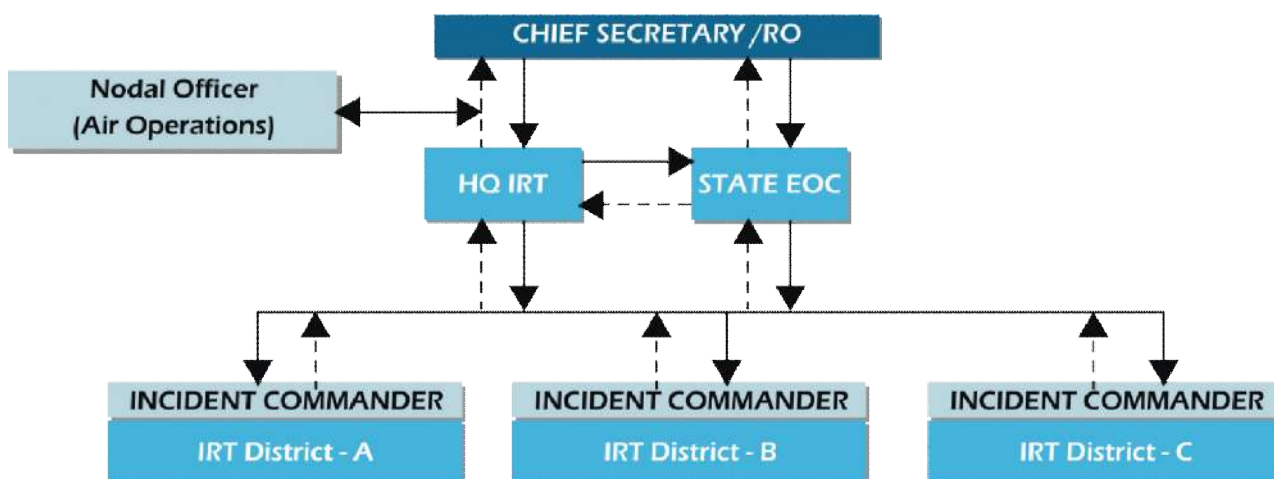
The IRS envisages and lays down various tasks that may need to be performed by the existing administrative machinery at various levels. It also recommends prior identification of officers for the performance of different tasks and getting them trained in their respective roles, provides a structure under which all the line departments will function in tandem with the District and State administration. The IRT will be pre designed at all level. On receipt of the early warning the RO may activate them. In case of occurrence of disaster without any warning, the local IRTs will respond and report to RO and request further support, if required.



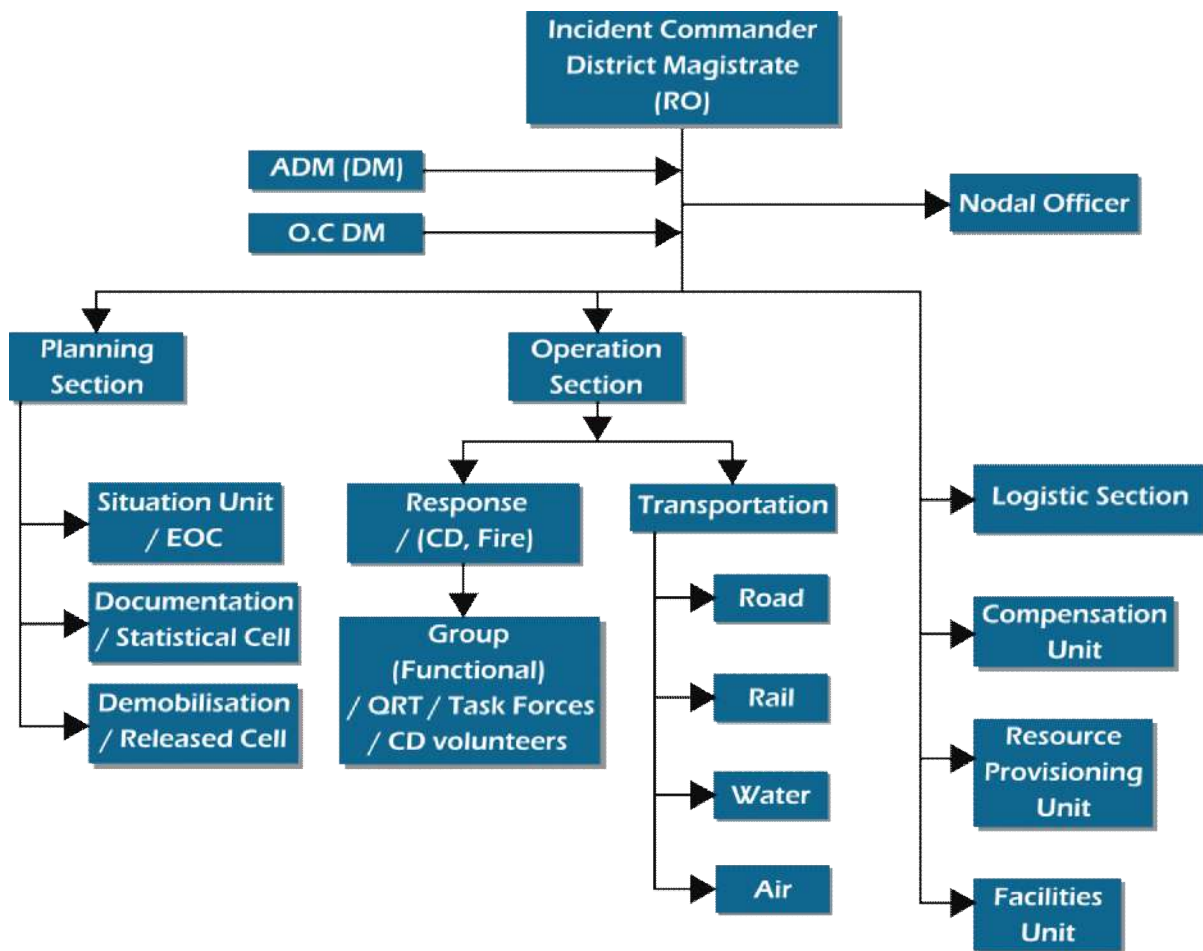
IRS management functions are:

Responsible Officer (RO)	The RO is responsible for overall supervision, support and management of disaster response.
Command	The Incident Commander is responsible for management of response activity in his/ her jurisdiction.
Operations	The Operations Section is responsible for directing the tactical actions to meet incident objectives as per Incident Action Plan.
Planning	The Planning Section is responsible for the collection, evaluation, and display of incident information, maintaining status of resources, and preparing the Incident Action Plan and incident – related documentation.
Logistics	The Logistics Section is responsible for providing adequate services and support to meet all incident or event needs as per Incident Action Plan (IAP). Apart from Support & Service branches, Finance is also a branch in Logistics. The Finance Branch is responsible for keeping track of incident -related costs, personnel and equipment records, administering procurement contracts associated with the disaster or event and expedite the release of Ex-gratia payment.

State Level IRT: The state level of IRT prioritizes tasks and coordinates state resources in response to the requests from the Regional level and coordinates mutual aid among the mutual aid regions and between the Regional Level and State Level. The state level also serves as the coordination and communication link between the state and the National emergency response system. The state level operates out of the State Emergency Operations Centre (SEOC). The hierarchical representation of RO with State EOC, Headquarters IRT and its lower level of IRTs at District levels are shown in fig.



District Level IRT: The District level includes cities, Blocks. District authorities manage and coordinate the overall emergency response and recovery activities within their jurisdiction. District Governments are required to use IRT when their Emergency Operations Centre (EOC) is activated or a District emergency is declared. The District Magistrate / DC / RO will issue a Standing Order for formation of IRT at District headquarters / Sub-Division and Block levels. He will ensure that appropriate and experienced officers are selected for IRTs. The complete IRS organizational structure at District level is given in the fig.



Field Level IRT - The Field Level is where emergency response personnel and resources, under the command of responsible officials, carry out tactical decisions and activities in direct response to an incident or threat.

Coordinating Structure:

Coordinating structures aid preparedness and response at all levels of government and within the private sector, communities, and nongovernmental entities. The structures help organize and measure the whole community’s capabilities in order to address the requirements of the Response mission area, facilitate problem solving, improve access to response resources, and foster coordination prior to and following an incident.

State Coordinating Structures:

States also leverage the capabilities and resources of line departments and other stakeholders across the state when identifying needs and building capabilities. The coordinating structures at the state level also vary depending on factors such as geography, population, industry, and the capabilities of the districts and local agencies within the state. These structures are also designed to leverage appropriate representatives from across the whole community some of whom may also participate in local or regional coordinating structures.

Line Departments or Emergency Support Function Agencies:

State governments organize their response resources and capabilities through line departments / emergency support agencies. Specific agencies / line departments have proven to be an effective way to bundle and manage resources to deliver core capabilities. The State emergency support agencies are the primary coordinating structures for building, sustaining, and delivering the response core capabilities. Most State agencies support a number of the response core capabilities. In addition, there are responsibilities and actions associated with State departments / agencies that extend beyond the core capabilities and support other response activities, as well as department and agency responsibilities.

The State Disaster Management Plan (SDMP) brings together the capabilities of State departments/ agencies and other State-level assets. State departments / agencies are grouped to work together to deliver core capabilities and support an effective response. Departments and agencies identified for emergency support

function may be selectively activated by SEOC/ SDMA or as directed by the SEC to support response activities in the State or elsewhere.

Lead / Support Agency:

Different disasters require different types of expertise for response and major natural and human made disasters require Lead and Support agencies to deal specific tasks. For example - in case of rescue and relief in natural disaster, it will generally be the local Police and the SDRF/ NDRF, in case of Fire it will be the Fire department, in case of Epidemics and other Biological disasters it will be the Health department that will have to play the lead role and the remaining departments will have to play the supporting role as per requirement and their core competencies.

Table given below summarizes Lead/support agencies for each emergency where lead/support agencies will directly coordinate and supports.

Task	Activity	Responsibility
Transportation	Assists in the management of transportation systems and infrastructure during domestic threats or in response to incidents.	<ul style="list-style-type: none"> • Transport Dept. • Disaster Management & Civil Defence Dept. • Dist. Level RTOs • Home Dept. • Private Sector • Local Bodies
Communications	Provides resources, support and restoration of government Emergency telecommunications, including voice and data.	<ul style="list-style-type: none"> • Disaster Management & Civil Defence Dept. • District NIC • Home Dept. • Telecommunication Dept.
Construction and Engineering	Organizes the capabilities and resources of the state government to facilitate the delivery of services, technical assistance, engineering expertise, construction management and other support to local area.	<ul style="list-style-type: none"> • PWD Dept. • Disaster Management & Civil Defence Dept. • Home Dept. • Private Sector • NGOs
Fire and Rescue	Monitors the status of fire mutual aid activities. Coordinates support activities related to the detection and suppression of urban, rural and wild land fires and emergency incident scene rescue activities and provides personnel, equipment and supplies to support local area.	<ul style="list-style-type: none"> • Fire &Emergency Services Dept. • Disaster Management & Civil Defence Dept. • SDRF • Local authority • Private Sector • NGOs
Management	Coordinates and resolves issues in the four phases of emergency management to ensure consistency in the development and maintenance management. During emergencies, serves in an advisory capacity to the EOC Director.	<ul style="list-style-type: none"> • Disaster Management & Civil Defence Dept. • Food &Supply Dept. • Fire &Emergency Services • Home Dept. • Transport. • And all related line Departments
Care and Shelter	Coordinates actions to assist responsible area to meet the needs of victims displaced during an incident including food assistance, clothing, non-medical care and sheltering, family reunification and victim recovery.	<ul style="list-style-type: none"> • Disaster Management & Civil Defence Dept. • Food &Supply Dept. • Fire &Emergency Services • Home Dept. • Transport Dept. • And all related line Departments

Task	Activity	Responsibility
Resources	Coordinates plans and activities to locate, procure and pre-position resources to support emergency operations.	<ul style="list-style-type: none"> Disaster Management & Civil Defence Dept. Food & Supply Dept. Fire & Emergency Services Home Dept. Transport. And all related line Departments
Public Health and Medical	Coordinates Public Health and Medical activities and services state-wide in support of local jurisdiction resource needs for preparedness, response, and recovery from emergencies and disasters.	<ul style="list-style-type: none"> Health Dept. Disaster Management & Civil Defence Dept. P&RD Dept. Private Sector NGOs
Search and Recue	Supports and coordinates response of personnel and equipment to search for and rescue missing or trapped persons. State Law Enforcement supports and coordinates responses to search for, locate and rescue missing or lost persons, missing and downed aircraft, high angle rock rope rescue and investigations of missing person incidents that may involve criminal acts and water rescues. State Fire and Rescue supports and coordinates responses to search for, locate and rescue victims of structure collapse, construction cave-ins, trench, confined space, high angle structure rope rescue and similar emergencies and disasters and water rescues.	<ul style="list-style-type: none"> Disaster Management & Civil Defence Dept. (Dist.-QRT) SDRF Fire & Emergency Services Home Dept. NGOs
Hazardous Materials	Coordinates state resources and supports the responsible area to prepare for, prevent, minimize, assess, mitigate, respond to and recover from a threat to the public or environment by actual or potential hazardous materials releases.	<ul style="list-style-type: none"> Disaster Management & Civil Defence Dept. Urban Development & Municipal Affair PWD Dept. Home Dept. Private Sector NGOs
Food and Agriculture	Supports the responsible area and coordinates activities during emergencies impacting the agriculture and food industry and supports the recovery of impacted industries and resources after incidents.	<ul style="list-style-type: none"> Food & Supply Dept. Agriculture Dept. Disaster Management & Civil Defence Dept. P&RD Home Dept. NGOs
Utilities	Provides resources and support to responsible area and in partnership with private sector to restore gas, electric, water, waste water and telecommunications.	<ul style="list-style-type: none"> PWD PHE Dept. Telecom Dept. Private Sector
Law Enforcement / Police Department	Coordinates state law enforcement personnel and equipment to support responsible law enforcement agencies, coroner activities and public safety in accordance with Law Enforcement	<ul style="list-style-type: none"> Disaster Management & Civil Defence Dept. Food & Supply Dept. Fire & Emergency Services Home Dept. Transport And all related line Departments

Task	Activity	Responsibility
Long-Term Recovery	Supports and enables economic recovery of communities and State from the long-term consequences of extraordinary emergencies and disasters.	<ul style="list-style-type: none"> • PWD • Disaster Management & Civil Defence Dept. • Agriculture Dept. • Private Sector • NGOs
Public Information	Supports the accurate, coordinated, timely and accessible information to affected audiences, including governments, media, the private sector and the local populace, including the special needs population.	<ul style="list-style-type: none"> • I&CA Dept. • DM & CD Dept. • P&RD Dept. • Home Dept. • Private Sector • NGOs
Evacuation	Supports responsible area in the safe evacuation of persons, domestic animals and livestock from hazardous areas.	<ul style="list-style-type: none"> • DM & CD • P&RD Dept. • F&ES Dept. • Home Dept. • SDRF • Private Sector • NGOs
Volunteer and Donations Management	Supports responsible area in ensuring the most efficient and effective use of affiliated and unaffiliated volunteers and organizations and monetary and in-kind donated resources to support incidents requiring a state response.	<ul style="list-style-type: none"> • Home Dept. • DM & CD Dept. • RC • CMO

State Wide Network of EOC:

EOC is an offsite facility which will be functioning from the State / District headquarters and which is actually an augmented control room having communication facilities and space to accommodate the various ESFs. During sever incident - an EOC is also established and activated to support field operations and resource coordination. Field Incident Commanders (IC) and EOCs will establish communications when the district / state EOCs.

Basic functions of an EOC includes, but not limited to

- Receive, monitor, and assess disaster information. Keep track of available resources.
- Monitor, assess, and track response units and resource requests. Manage resource deployment for optimal usage.
- Make policy decisions and proclaim local emergencies as needed.
- Provide direction and management for EOC operations through Standard Operations Guide (SOG), set priorities and establish strategies.
- Coordinate operations of all responding units, including law enforcement, fire, medical, logistics etc.
- Augment comprehensive emergency communication from EOC to any field operation when needed or appropriate.
- Maintain EOC security and access control.
- Provide recovery assistance in response to the situations and available resources Keep senior, subordinate and tenant officials informed.
- Keep local jurisdictions (Village/town/City, district and State) informed. Operate a message centre to log and post all key disaster information. Develop and disseminate public information warnings and instructions. Provide information to the news media.

Alert and Warning:

Each district within the state is responsible for preparing for a disaster including establishing methods for alerting and warning the public, mobilizing resources and initiating protective actions. At the state level, SEOC

will have a State alert and Warning centre (SAWC), which is staffed 24 hours a day, 365 days a year to serve as the official state level point of contact for emergency notifications. From this centre, Warning Centre personnel maintain contact with district warning points, state agencies, central agencies and the National EOC.

Sequence of Events during Disaster:

Two sequences of events are typically associated with disasters: One involves the response and the other involves local / district or State emergency declaration. The response sequence generally describes the emergency response activities to save lives, protect property and preserve the environment. This sequence describes deployment of response teams, activation of emergency management organizations and coordination among the various levels of government. The emergency proclamation sequence outlines the steps to gain expanded emergency authorities needed to mitigate the problem. It also summarizes the steps for requesting state and federal disaster assistance.

Before Impact → Immediate Impact → After Impact is over

Demobilization:

As resources are no longer needed to support the response, or the response activities cease, resources are demobilized. Demobilization includes provisions to address and validate the safe return of resources to their original location and include processes for resource tracking and ensuring applicable reimbursement. Where applicable, the demobilization should include compliance with mutual aid and assistance provisions.

Funds generation:

The Government of West Bengal allocates funds in the State Budget for relief activities. In addition, funds may be available through the State Disaster Response Fund. However, these funds may not be adequate to meet disaster management requirements in the aftermath of large-scale disasters like the September' 2000 flood in the State. In such circumstances, the Government of West Bengal shall explore additional sources of funding through aid, grants, loans etc., as identified in the pre-disaster phase.

Finalizing relief payouts and packages:

Relief packages would include details relating to collection, allocation and disbursement of funds to the affected people. Relief would be provided all the affected families without any discrimination of caste, creed, religion, community or sex whatsoever. Government of West Bengal also starts to provide Disaster Management Kits to the affected families in the year 2013. Each such kit contains all sorts of foods and utensils to survive a family at least 3-4 days without any help of others.

Post Disaster need assessment:

WBSDMA, with assistance from Government departments, district administration and local authorities will document learning from the relief experience, which can be inputs into further mitigation, relief or rehabilitation and reconstruction plans.

Evacuation Plan

A plan is a must for effective, prompt and systematic delivery of a set of actions with minimal lapses. It is therefore necessary to have a well-defined plan for evacuation. The District Disaster Management Authority would be responsible for preparing, practicing / rehearsing, updating and enacting the evacuation plan in case of any emergency. Various components of the evacuation plan are being given below

Identification of vulnerable areas

Earmarking the specific areas prone to specific disasters are the primary objective of planning. The most common disasters that take place in West Bengal are Cyclone, Flood, Heat wave, Earthquake, Landslide etc. Most of the disasters are region specific for example, Northern hilly region is prone to landslide which is absent in the South Bengal region. The settlements around the flood plains of the rivers are the most vulnerable to immediate flood. The local authorities or the DDMA's are the best to identify these places.

Risk Communication

Communication of risk is at the same time essential for ensuring voluntary compliance of disaster mitigation techniques and popularization of risk transfer mechanisms. Public notices should be put up in such areas warning the public of the likely threat. Mass awareness drive should also be launched in the vulnerable areas for communicating the level of threat to which the masses are likely to be affected.

Identification of Safe Places

Safe places in the vicinity of the areas earmarked as being prone to high risk should be identified for temporarily accommodating the evacuated persons. It should be ensured that the areas identified for temporary accommodation of evacuees has sufficient provisions of sanitation, water, electricity and the like. In case the identified area is far enough provision for acquisition of vehicles should be made. Health, Drinking Water and Food and Civil Supplies departments should be entrusted with the responsibility of providing basic civil amenities at the place identified for accommodating the evacuees.

Information Exchange

Standard protocol should be adhered to under which the District EOC routinely exchanges information with various agencies responsible for generating warnings. These include IMD and CWC. At the same time EOC should establish regular contact with various dams and reservoirs operating in the areas so that information pertaining to the discharge of water is communicated to the EOC.

Warning Dissemination

Standard protocol should be set up for warning dissemination and clear cut responsibilities should be allocated for the same. People should be made aware of the manner in which the warning for Dos and Don'ts after the receipt of the evacuation orders should be popularized through various modes and Mock drills should be carried out for ensuring systematic and prompt evacuation.

Air Evacuation and Alternate Routes

For prompt air evacuation requisition form for seeking the help of Indian Air Force should be kept handy and the location (with latitude and longitude) of clear areas for with size and air clearance details should be inventoried.

Traffic regulation

In the event of any disaster or on receipt of warning of any impending disaster incidence the District Magistrate and Superintendent of Police, invoking appropriate provisions of Disaster Management Act, 2005 would ensure that all traffic leading to the areas affected by disaster.

Contact List of State and District EOC in West Bengal:

WEST BENGAL STATE EOC - 1070					
Sl. No.	DISTRICTS	DIST. EOC	Sl. No.	DISTRICTS	DIST. EOC
1	Alipurduar	035-6425 7091	13	Murshidabad	034-8225 0135
2	Bankura	032-4225 4735	14	Nadia	034-7225 2106
3	Birbhum	034- 6225 5572	15	North 24 Parganas	033-2584 0280/ 2584 6287
4	Coochbehar	035-8222 7114	16	Paschim Burdwan	034-1225 4545
5	Dakshin Dinajpur	035-2225 5020	17	Paschim Medinipur	032- 2227 5894
6	Darjeeling	035-2425-5749	18	Purba Bardhaman	034-2266 5092/ 9933331452
7	Hooghly	033-2681 2652/ 2680 0115	19	Purba Medinipur	032- 2826 2728/ 9073939804
8	Howrah	033-2641 3393/ 2641 3398	20	Purulia	032-5222 3675
9	Jalpaiguri	9073936815/ 035-6122 6022	21	South 24 Parganas	033-2439 9247/ 2479 5029/30
10	Jhargram	032- 2125 8228	22	Uttar Dinajpur	035-2324 6153/ 9433879424
11	Kalimpong	035-5225 6353/ 9123784375	23	Kolkata	033-2286 1414/1313 9831036572
12	Malda	035-1225 2058			

Contact List of I-Sat Communication in West Bengal:

SI No	Name of District	GSPS No.	Office Assigned
1	Darjeeling	8991115065	DM, Darjeeling
2		8991115067	SDO, Kurseong
3	Kalimpong	8991115063	DM, Kalimpong
4	Purulia	8991115071	Dm, Purulia
5-6	Purba Medinipur	8991115068 & 8991115324	DM, Purba Medinipur
7-8	North 24 Parganas	8991115070 & 8991124195	DM, North 24 Parganas
9	Murshidabad	8991115072	DM, Murshidabad
10	Paschim Burdwan	8991115062	DM, Paschim Burdwan
11	Birbhum	8991115073	DM, Birbhum
12	Nadia	8991115069	DM, Nadia
13	Hooghly	8991115066	DM, Hooghly
14	South 24 Parganas	8991115064	SDO, Kakdwip
15		8991124194	DM, South 24 Parganas
16	Alipurduar	8991115331	DM, Alipurduar
17	Jalpaiguri	8991115327	DM, Jalpaiguri
18	Coochbehar	8991115329	DM, Coochbehar
19	Uttar Dinajpur	8991115328	DM, Uttar Dinajpur
20	Dakshin Dinajpur	8991115330	DM, Dakshin Dianajpur
21	Malda	8991115326	DM, Malda
22	Purba Bardhaman	8991115325	DM, Purba Bardhaman
23	Bankura	8991115333	DM, Bankura
24	Paschim Medinipur	8991115323	DM, Paschim Medinipur
25	Jhargram	8991115322	DM, Jhargram
26	Howrah	8991115336	DM, Howrah
27	Kolkata	8991115335	KMC
28-29	DG, West Bengal Police	8991115060 & 8991115061	Director Security
30-33	Civil Defence Wing	8991115059	DG
		8991124196/8991124197/8991124198	Deputy Controller
34	DoDM& CD	8991115334	Principal Secretary
35-41		8991115058/8991115332/8991124199/8991124200/8991124201/8991124202/8991124203	SEOC

CHAPTER 7

Sendai Framework and Mainstreaming Disaster Management Concerns into Developmental Plans/ Programmes/ Projects

Overview:

The global impacts of climate change are becoming evident and further climate changes are inevitable due to the greenhouse gas emissions already in the atmosphere. Early evidence of climate change impacts are found on economy, damage to environment and lasting impacts on the society. Recurrent droughts and floods are being reported in the State of West Bengal during the last 50 years. Climate change has certainly exacerbated the impacts of natural disasters as can be seen from the never floods in certain districts like Uttar Dinajpur, Dakshin Dinajpur, Malda, Coochbehar and Alipurduar in 2017. Reference to disaster risks are also made in the West Bengal State Plan of Action on Climate Change¹. While the losses to agriculture and related sectors were the major component of losses in the past, climate induced disasters and extreme events have resulted in major losses to industrial and urban infrastructure.

West Bengal towards Mainstreaming Disaster Management and Climate Change Adaption:

The process of development and the kind of development choices made sometimes create disaster risks. A close analysis of the development process with its six aspects namely i) policy, ii) strategy, iii) programming, iv) project / program cycle management, v) external relations and vi) institutional capacity; clearly calls for the need of systematic and more conscious ways of integrating disaster risk reduction (DRR) into development process. Mainstreaming risk reduction should result in institutionalization of appropriate risk reduction measures and should ensure that development plans and programmes do not create new forms of vulnerability.

Child Centric Disaster Risk Reduction:

The United Nations Convention on the Rights of the Child adopted in 1989 (UN 1989) became the first legally binding international convention to affirm human rights for all children. It stipulates that children have the right to adequate food, water, shelter and education. In disaster situations they ought to be free from abuse, neglect, sexual exploitation or trafficking, and should be able to grow up in a safe and supportive environment. Children are vulnerable due to their age and immature psychosocial understanding of the surrounding.

The situation of West Bengal, with its multi-hazard profile further exacerbate the vulnerability particularly that of children, women and adolescents, especially belonging to disadvantaged and hard-to-reach communities.

This severely affects the development of these communities. Most importantly the education and learning are disrupted due to recurring disasters such as floods and cyclones. Children in schools spend more time in their formative age and it is haven for them. Apart from the natural hazards, physical safety of the children in school campus, laboratories, entry/exit point, playground, roads from home to schools, school buses etc., others hazard like water, gas, fire accidents are increasing day by day both in urban and rural schools.

National School Safety Programme (NSSP): NSSP has begun with a view to building the capacity of officials, teachers and students, carrying out rapid visual survey, retrofitting and non-structural mitigation measures of 200 schools each in three districts of Darjeeling, Jalpaiguri and Cooch Behar. The project has been successfully completed by providing requisite training.

In light of this, the State Government is in helping UNICEF to implement the Comprehensive School Safety & Security (CSSSP) programme in 400 schools.

The concept of Comprehensive School Safety & Security (CSSSP) programme is focusing on three pillars, including *1. Safe Learning environment; 2. DRR in Schools, and 3. Child Protection/ Prevention of violence & Abuse and ensure maximum safety for the children in school to home and home to school.* As proposed by the State Government, CSSSP is being piloted in 400 schools of 4 High Priority Districts by UNICEF. The Objective is to develop strategy based on the pilot programme and advocate with State Government for implementation in all schools of the state considering the geographical vulnerability such as Hilly areas, Coastal belt, Flood plain, etc., and level of schools (Primary, Upper Primary and Secondary). However, the CSSSP expected to be standardized to communicate with children, school teachers and community for children's safety and security for risk reduction.

Mitigation Funded Key Projects: In the aftermath of the cyclone Aila of 2009 that ravaged the coastal West Bengal including Sundarban area. It was felt the number of deaths were more in the affected areas due to non-availability of safe shelter buildings in the coastal villages. The Government of Central and State decided on the basis of the report prepared by IIT Kharagpur to undertake construction of multipurpose cyclone shelters in high risk areas of three coastal districts of West Bengal. The details of these projects are furnished subsequently.

Prime Minister's National Relief Fund, (PMNRF): 50 Multipurpose Cyclone Shelter (MPCS) were constructed under National Disaster Management Authority (NDMA). These shelters were constructed in the 3 coastal districts and the numbers of shelter are constructed in the three coastal districts.

Total cost of the project is Rs 138.65 crores. The MPCS under the funding of PMNRF has been completed and handed over to the local authorities.

Integrated Coastal Zone Management Project (ICZMP): 25 multipurpose cyclone shelters were to be constructed in the district of South 24 Parganas under World Bank assisted ICZM Project. The total cost of the project is Rs. 105.39 crores. In order to cope with the vulnerability of the population exposed to cyclone, 25 MPCS were proposed out of which 17 numbers of buildings are fully constructed. Handover process of the completed building is under process by the Department.

NCRMP (National Cyclone Risk Mitigation Project): In the three coastal districts of West Bengal i.e. South 24-Pgs., North 24-Pgs. and Purba Medinipur 146 Nos. of Multipurpose Cyclone Shelters are proposed to be constructed under the scheme NCRMP (Phase II) with World Bank aided fund and State Fund in the ratio 75:25. Ministry of Home Affairs, GoI has already given approval in principle for the same in tune of approx. Rs. 500 crore.

Women Centric Disaster Risk Reduction:

A gender perspective to Disaster Risk Reduction helps focusing attention on the distinct gender -specific capacities and vulnerabilities to prevent, prepare, confront, and recover from disasters. Post-disaster reconstruction programs could render women more vulnerable when compared to the pre-disaster situation, defeating the very objective of building back better. An increase in violence against women, domestic violence and divorce rates have been reported in the aftermath of disasters. They become more vulnerable to abuse in disaster situations. They face difficulty in accessing sanitation facilities. There is lack of privacy and increased risk of sexual assault. In some situations, there are risk of girls and young women being ensnared by traffickers or an increase in early marriages. There is a tendency to leave out women from accessing relief and recovery as they do not have control over resources and institutions. Women headed households, single women, and widows find it difficult to access information and necessary financial help for recovery and reconstruction.

Specially Abled People:

Disability is a contextual and evolving concept. The UN Convention on the Rights of Persons with Disabilities (UNCRPD) states in its first article: "Persons with disabilities include those who have long - term physical, mental, intellectual or sensory impairments which in interaction with various barriers may hinder their full and effective participation in society on an equal basis with others." The Convention, in its articles 11 and 32, requires that persons with disabilities benefit from and participate in disaster relief, emergency response and disaster risk reduction strategies. The Adoption of the Dhaka Declaration on Disability and Disaster Risk Management, in December 2015, acknowledges: "the importance of linking disability inclusive Disaster Risk Management (DRM) with the Sustainable Development Goals (SDGs) on the understanding that inclusion builds the resilience of the whole of society, safeguards development gains and minimizes disaster losses."

Prime Minister 10 Points Agenda:

The Prime Minister, Shri Narendra Modi, enunciated a Ten - Point Agenda in his inaugural speech at the Asian Ministerial Conference on Disaster Risk Reduction 2016, held in New Delhi during November 2016 (AMCDRR), which has also been incorporated in the NDMP. The ten key elements consist of the following:

1. All development sectors must imbibe the principles of disaster risk management.
2. Risk coverage must include all, starting from poor households to SMEs to multi -national corporations to nation states.
3. Women's leadership and greater involvement should be central to disaster risk management
4. Invest in risk mapping globally to improve global understanding of nature and disaster risks.
5. Leverage technology to enhance the efficiency of disaster risk management efforts.

6. Develop a network of universities to work on disaster-related issues.
7. Utilise the opportunities provided by social media and mobile technologies for disaster risk reduction.
8. Build on local capacity and initiative to enhance disaster risk reduction.
9. Make use of every opportunity to learn from disasters and to achieve that there must be studies on the lessons after every disaster.
10. Bring about greater cohesion in international response to disasters.

Presently all initiatives has been taken from the state's end to achieve the 10 point agenda. Risk coverage is more and more encouraged where people from all strata are involved to build in awareness on risk. Women involvement in all spheres of disaster management has to be made mandatory. Women are encouraged to join the rescue forces at all level including the Apadamitra. Use of modern technology is encouraged for disaster risk mitigation, monitoring and prevention. Capacity building is being extensively planned for using the technology as well. The state level universities and central universities are already in tune for various projects on Disaster Management. Further plans are on process to involve young researchers to contribute more on ideas for disaster management at all levels. Crowd sourcing may be used to gather and disseminate information on past disasters and impending risks. Community awareness and disaster planning are to be in focus and a bottom up approach for participation as well as decision making process.

Preservation of Cultural Heritage:

Cultural heritage has only recently been recognized as a key aspect within overall frameworks of disaster risk reduction. A general lack of awareness and a lack of prioritization of heritage is one of the key challenges in this area. The relevant disaster management guidelines published by NDMA are, a) cultural heritage sites and precincts and b) museums. Museums are repositories of diverse heritage, both natural as well as cultural, and as institutions they make significant contributions to the socio –cultural development of a community. Museums through the objects and collections they house and display, contribute to regional, state and national identities. Over centuries, the scope and nature of museums expanded from presentation of private collections of artifacts and oddities to institutions that promoted learning through objects collected and presented with a meaningful narrative.

The apex body for the conservation and protection of cultural heritage is the Ministry of Culture (MOCU), which acts through the Archaeological Survey of India. Several national legislations apply to cultural heritage such as:

- Ancient Monuments and Archaeological Sites and Remains (AMASR) ACT 2010, 1958
- Ancient Monuments and Archaeological Sites and Remains Rules, 1959
- Antiquities and Art Treasures Act, 1972 and the Antiquities and Art Treasures Rules, 1973
- State legislations applicable to State Archaeology Monuments and Sites.

The framework for disaster risk reduction comprises of a four -pronged approach, a) Elimination or prevention of the hazard b) Reducing vulnerability c) Reducing exposure and d) Building Capacity. With respect to disaster risk reduction for cultural heritage sites and precincts, certain aspects need to be considered: a) Preserving and retaining cultural heritage values b) Retaining authenticity c) Using traditional technologies and skill and indigenous knowledge systems d) A degree of acceptable risk should be established for the cultural heritage site or precinct and such a threshold should inform risk reduction interventions.

Lessons Learnt:

COVID 19 Global Pandemic: The extraordinary situation that arose due to the outbreak of COVID 19 invoked a new dimension altogether in the field of health hazard of disaster management. The Central Government is now functioning under the Disaster Management Act, 2005. Disaster Management Department being the nodal department for all disaster is now handling the situation in close liaison with all the line departments especially Department of Health and Family Welfare.

- During the COVID 19 Pandemic situation, round the clock guidance and support has been provided to the stranded people and migrant labourers from the Emergency Operation Centre from State to District level.
- Round the clock Control Room in the form of COVID Coordination Centre remained functional to provide support to COVID victims like hospitalization, ambulance arrangement, expert consultation and various issues.

- An Application was developed to help the migrant laborers of the State stranded in other States. Sneher Paras, the App by which Rs. 44,00,29,000 has been directly debited to the bank account of the verified applicants.
- Rs.19.5 Crores from PM Cares fund had been utilized as the transportation cost of the migrant labourers and an additional amount of more than 11 crores rupees utilised for transportation and providing food and safe shelters for migrants.
- Extensive IEC sensitization has been done for creating awareness on COVID 19 and related health issues.
- Volunteers have been deployed at the major cultural functions and festivals to prevent the spread of COVID 19.
- Guidelines have been issued on how to use the MPCS and other flood shelters during COVID 19 pandemic.
- Food, medical and lodging has been given to the stranded migrant population to ensure that no one lives without food.
- Coordination to deport the migrant population to their respective destinations has been done and was ensured that no one stays stranded.

RESCUE & RELIEF OPERATION DURING DISASTER IN PANDEMIC SITUATION:

West Bengal was affected by the Super Cyclone “AMPHAN” on 20th May, 2020 during COVID-19 pandemic situation. The rescue & relief operation during cyclone faced a unique challenge as pandemic norms issued by Ministry of Health & Family Affairs, Government of India were in force. The State Executive Committee of West Bengal (SEC) headed by Chief Secretary of West Bengal enforced DM Act, 2005 all over the state. The SEC structured Department of Health & Family Affairs as the nodal department to tackle the spread of COVID-19 pandemic and Department of Disaster Management & Civil Defence was tasked to coordinate with other departments & districts for providing all administrative & financial support in preparation, evacuation, relief & rescue work, mitigation and rehabilitation.

Major activities undertaken by the Department:

During the situation arisen due to the preventive restriction imposed due to outbreak of COVID-19, the major activities undertook by the department are as follows –

- A. Allocation & distribution of relief articles.
- B. Providing quarantine facilities
- C. Providing temporary accommodation, food & clothing's to homeless people, including migrant labourers, stranded due to lockdown measures.
- D. Running EOCs round the clock to facilitate assisted information exchange and promote services for people to get required support from line departments, support agencies, community and local government.
- E. Facilitate uninterrupted supply of essential commodities and services.
- F. Awareness generation and put effort to bring behaviour change through capacity building, demonstration and enforcement of advisories issues by Government.
- G. Ensure execution of advisory issued by state government by coordinating respective nodal persons of Police Administration, Transport department, Health & Family Welfare department, PRIs, Municipalities and cooperatives & societies.
- H. Documentation and reporting.

At present the activities of the department has increased significantly and its magnitude has also multiplied. In addition to the above mentioned activities, under the Disaster Risk Reduction (DRR) activities - Disaster risk mapping and preparedness, vulnerability mapping, providing practical ideas to reduce disaster risk, capacity building of the vulnerable communities through continuous awareness generation and hands on training on mask wearing, hand washing, maintain cleanliness, maintain common health & hygiene, adopting new guideline to get different government facilities, safe disposal of waste, providing services by maintaining PPE, institutional support and maintaining liaison with all support organizations in these restriction phase of social distancing are some of the important activities that the department undertook.

Awareness Generation and Capacity Building:

It is observed that Disaster Management Officers and other Government officials are conducting different awareness programme and training programmes at every parts of the state. Therefore, a general and consolidated guideline on awareness generation & capacity building may be prepared for sustaining those initiatives in an uniformed manner.

Moreover, the responsible agencies should undertake preparedness exercise for the Ropeways and Cable Bridges collapse during pandemic situation when regular activities are suspended.

Objective

- i) To enhance capacities of search & rescue operation personnel, evacuation teams and community in the tough time of existing threat of COVID-19.
- ii) To understand the risk of COVID-19, scientific facts, its development, mode of transmission and its impact in different activities under Disaster Management.
- iii) To know the preventive measures and standard method of implementation of different guideline issued by Government.
- iv) To ensure optimum protection from COVID-19 in activities like relief distribution, running temporary shelters and other related activities.
- v) To ensure public participation in developing knowledge base and encourage all to become COVID-19 Heroes.

Target Population:

District/Sub-Divisional/Block Officials, Disaster Management Officers, Disaster Management Professional, Police Personnel, Civil Defence Volunteers, Front line Health Workers like ANM, ASHA, Nurses, Cleaners, Aya; PRI members, Officers and Staffs of MC & Municipalities, SHG Members, AWW, NGO volunteers, CBO Volunteers.

Standard Operation Procedure for Running State Control Room for COVID-19

- i) State Emergency Operation Centre (SEOC) / Control Room have been made functional for smooth coordination & support to Public, Departments and Other Support Agencies in regard to COVID-19
- ii) On receiving calls, state EOC personnel will politely talk with all callers by proper greeting & start communication by saying "State Control Room, Nabanna, How can I help you?"
- iii) Calls received are to be recorded in the log book as per standard format.
- iv) State Emergency Operation Centre (SEOC) / Control Room, Nabanna will work in close coordination with following five important centres apart from Health Department's Helpline and Police Control Rooms -
 - A. Transport and Movement Centre
 - B. PPE/Mask/Sanitizer Availability Centre
 - C. Essential and Civil Supplies Enforcement Centre
 - D. Perishable Commodities Facilitation Centre
 - E. Power and allied Services CentreAny issues related to transport / essential commodities etc mentioned above should be brought into notice of the senior officers present in the Control room.
- v) Issues related to police, mass gathering / obstruction are to be informed to DG Control Room / Lal Bazar Control Room and brought to the notice of Senior Police Officer.
- vi) Issues related to district administration (food, ration, transportations, water, ambulance etc.) to be informed to respective district at their control rooms, annexed as "Annexure-I"
- vii) Issues related to – people stranded in other states to be informed respective state help line numbers, helpline of state authorities are to be shared with callers as per the "Annexure-II"
- viii) SEOC staffs and volunteers will perform their duties as per schedule.

- ix) As per standard practice, CD Volunteers should not leave SEOC unless his reliever resumes duty. The pending issues are to be detailed & handed over to staffs joining for next shift in log book.
- x) Summary report of calls received and issues resolved / unresolved or need special attention to be submitted to DMCD Duty Officer, SEOC.

Guidelines for accommodation of people in Relief Camps/ Shelters during Cyclone:

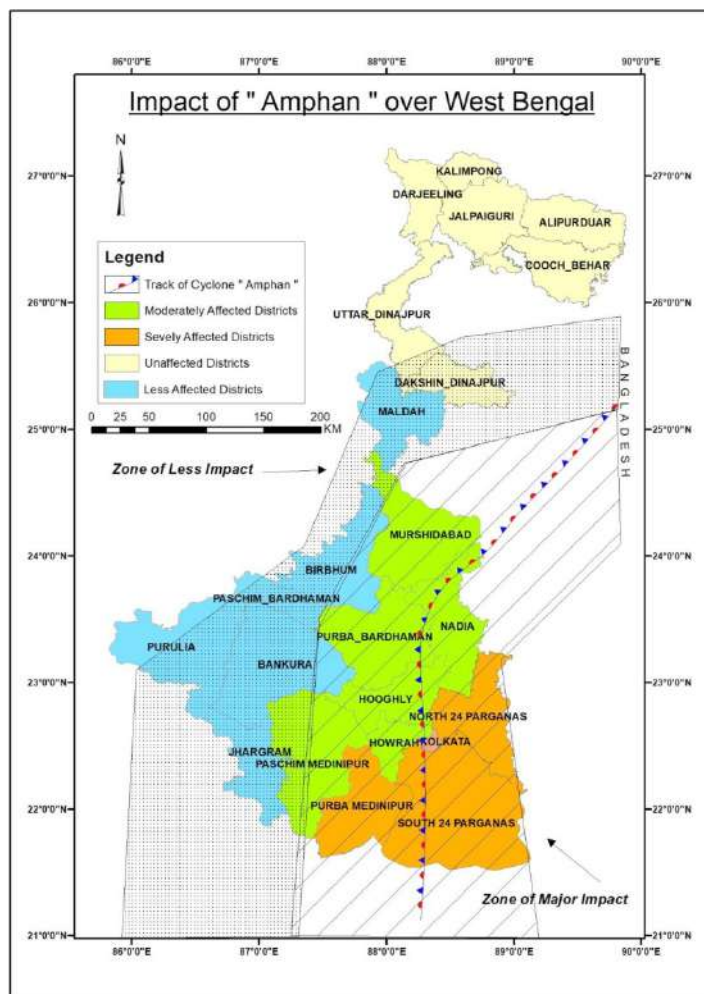
- A. The existing flood shelters or MPCS can be used for accommodating the evacuated / rescued people by maintaining social distancing norms. Restrictions on movement are to be strictly enforced in time of movement restriction.
- B. Arrangement of hand sanitizer/ soap, mask and infrared thermometer should be made for the relief camp/ shelter.
- C. Proper sanitization of all floor, gate / door, door handle & lock, toilets, water taps, eclectic switches, staircase and kitchen of the building has to be done every day to maintain good health of the people staying in the shelter.
- D. The floor plan of relief shelters has to be done in such a way so as to maintain social distancing. The accessibility route to the nearby health centre has to be pre-planned and mapped before setting up the camp. Also arrangements for immediate shifting of the sick people to the health centre should be in place.
- E. Arrangement of nutritious food and safe drinking water has to be made to the people staying in the camps. Hygiene has to be maintained during preparation of food. While serving the food social distancing norms should be maintained.
- F. The rescue teams may have to be equipped with sanitizer / masks and PPE. Hence arrangements for same may have to be made at district levels.
- G. Since minimum one metre social distancing is required for every person housed in relief camps, the number of relief camps may be increased to maintain the social distance norms. The District Disaster Management Plans be modified accordingly to factor in relief operations in view of COVID-19 so that evacuation/ gruel kitchen/ relief shelters are all modified to be COVID-19 SOP compliant.

Amphan:

The Super Cyclone of the decade in Bay of Bengal ravaged the southern parts of Bengal at a speed of 155 to 165 km/hr gusting to 185km/hr. The movement of Super Cyclone Amphan was regularly tracked by State Government. The Super Cyclone made landfall near Sagar Islands at 2.30 pm afternoon of 20th May 2020. There was an accompanying storm surge of 15 feet as water rushed inland and flooded many coastal and riverine villages.

Rescue & Relief operation:

- 1. Affected Districts: 16 districts. Crop damage reported in 13 districts. Roads under PWD damaged in 16 districts.
- 2. Number of people affected: More than 60% of State population.
- 3. Relief Camp Opened: 6,123
- 4. No. of People in Relief Camps: 10.7 lakhs



5. Number of Boats Deployed: 406
6. Water pouches distributed: 1.5 crore
7. Medical support: 3133 Medical Teams were deployed

The experience of this Cyclone gave the SDMA a valuable lesson of early preparedness and earliest response is the major requirement to reduce loss. Moreover, awareness at the community level has to be build up more by doing intensive capacity building at all levels.

YAAS:

The Very Severe Cyclonic Storm YAAS caused unprecedented tidal waves and high speed wind with heavy rainfall that caused severe damage to land and property in West Bengal from 25th May, 2021 to 29th May, 2021 as the Very Severe Cyclone made landfall near Dharma in Orissa on the 26th May, 2021. Four tornados also occurred as part of the YAAS cyclonic storm in districts North 24 Parganas, Birbhum and Hooghly.

Rescue & Relief Operation: Affected Districts: 18 districts; Relief Camp Opened: 15,215; No. of People in People Evacuated: 10.7 lakhs; Water pouches distributed: 55.89 lakhs.

The experience of this Cyclone gave the SDMA a valuable lesson of early preparedness and earliest response to the major requirement is the key to reduce loss.

Section 46, 47 & 48 of Disaster Management Act, 2005 adopted the formation of:-

1. National Disaster Response Fund,
2. National Disaster Mitigation Fund,
3. State & District Disaster Response Fund & Mitigation Fund.

They are the separate Fund available to the National or State Executive Committee and District Disaster Management Authority to be utilized for Mitigation and Management of any kind of disaster.

The Government of India constituted NDRF vide Gazette Notification no. 1995 dated 28th September, 2010 and constituted NDMF vide Gazette Notification no. 512 dated 5th February, 2021. The Government of West Bengal constituted SDRF vide Gazette Notification no.1822-F.B dated 12th September, 2011 and constituted SDMF vide Gazette Notification no.866-F.B/N/2S-1(05)/2015 dated 27th December, 2021.

Norms of the Ministry of Home Affairs, Government of India provide that the funds available under SDRF / NDRF be utilized for immediate relief and restorations of identified lifeline services only. These funds are not allowed to be utilized for new constructions. Line departments should therefore prepare departmental guidelines for the identification of works to be covered by SDRF / NDRF resources. In accordance with the provisions of Disaster Management Act, 2005 all departments have to ensure adequate financial arrangements in their departmental budget so as to ensure timely discharge of their disaster management related functions. It is at the same time the responsibility of the line departments to undertake vulnerability assessment of their departmental infrastructure and ensure allocation of funds in their departmental plan and budget for vulnerability reduction.

Funding Mechanism at Various Levels

To ensure the long-term sustainance and permanency of the organization, funds needs to be generated and deployed on an-ongoing basis. Financial mechanism for disaster management is already in place at the national, state and district levels. Moreover there are diverse projects, programs and initiatives catering to different phases of disaster reduction at the nation, state and district levels.

Union Government Level:

National Disaster Response Fund

This fund has been created under the legal framework of Disaster Management Act, 2005. Under the existing guidelines, it is available for assistance from avalanches, cyclones, cloudbursts, drought, earthquake/tsunami, fire, flood, hailstorm, landslides, pest attack and frost, heat and cold waves. In case of calamity of severe nature, when the State Disaster Response Fund is not sufficient to meet the relief requirements, additional central assistance is provided from NDRF to the State Government by laid down procedures.

- Released fund of NDRF for West Bengal for year 2020-21 was **Rs. 2250.28 crores**
- Released fund of NDRF for West Bengal for year 2021-22 was **Rs. 300.00 crores**

Prime Minister's National Relief Fund (PMNRF)

The Prime Ministers National Relief Fund (PMNRF) provides for immediate relief to families of those killed in natural calamities and to the victims of major accidents and riots. The fund is raised entirely by public contributions.

State Level Fund:

Budget

The WBSDMA would submit to the State government for approval of a budget in the prescribed format for the next financial year showing the estimated receipts and expenditure, and the sums which would be required from the State Government during that financial year. The GoWB also allocates funds in the State Budget for relief activities. In addition, funds may be available through the State Disaster Response Fund.

State Disaster Response Fund

The State Disaster Response Fund shall be used only for meeting the expenditure for providing immediate relief to the victims of cyclone, drought, earthquake, fire, flood, tsunami, hailstorm, landslide, avalanche, cloud burst, pest attack, frost and cold wave. While the state can draw from State Disaster Response Fund for the emergency response and relief, there are provisions to utilize the funds released from National Disaster Response Fund in another fiscal under State Disaster Response Fund. In case the same state faces another severe disaster during the same year, no reduction will be made while releasing assistance from the National Disaster Response Fund. The state-specific disasters within the local context in the State, which are not included in the notified list of disasters eligible for assistance from State Disaster Response Fund /National Disaster Response Fund, can be met from State Disaster Response Fund within the limit of 10 percent of the annual funds allocation of the State Disaster Response Fund.

To carry out Emergency Response & Relief activities after any disaster the State Disaster Response Fund is made available to the Relief Commissioner, Department of Disaster Management under which the Central Government will share 75% and the Govt. of West Bengal has to share 25% as per the recommendation of 13th Finance Commission.

- SDRF for West Bengal for year 2010-11 to 2014-15 was **Rs. 2,774.54 crores** out of which Central share was **Rs. 2,080.90 crore** and State share was **Rs. 693.64 crore**.
- SDRF for West Bengal allocation for 2015-16 to 2019-20 as **Rs. 2853.00 crores**.
- SDRF for West Bengal for year 2020-21 was **Rs. 1348.00 crores** out of which Central share was **Rs. 1,011.00 crores** and State share was **Rs. 337.00 crores**.
- SDRF for West Bengal for year 2021-22 was **Rs. 1348.00 crores** out of which Central share was **Rs. 1,011.00 crores** and State share was **Rs. 337.00 crores**.

Chief Minister Relief Fund

This provides for immediate support to the distressed people affected either by natural calamities, or man-made disasters like stampede, road, air or railway accidents.

Other Source of Funds:

Public Private Partnership, Grants-in-Aid, Loan, Disaster Bonds, Donations, Recovery Measures, UN Agencies, World Bank, Corporate Social Responsibility.

Funds Disbursement and Audit

The funds raised from funding agencies are usually accompanied by strongest disbursement and usage restrictions. It is therefore important to monitor disbursement of such funds to ensure that none of the covenants are breached. State Authority monitors and control the release of fund by:

1. Prioritizing resources allocation across approved projects;
2. Establishing mechanisms (like a chain of banks, collection centers, nature of accounts, spread, etc.) for collection of funds; and
3. On-going monitoring and control of fund usage during actual project implementation.

CHAPTER 9

Capacity Developments

Section 2 (b) of DM Act, 2005 delineates the Capacity Building measures to be under taken. As per the Sub-Section (i) of Section 2 (b) Capacity Building includes identification of existing resources and resources to be acquired or created. As per Sub Section (ii) of Section 2 (b) acquiring or creating resources identified under Sub-Clause (i). Sub Section (iii) emphasizes on organization and training of personal and coordination of such training effective management of disaster. Sub Section 2 (i) of Section 3 of DM act, postulate that National Disaster Management Authority take Capacity Building measures for dealing with threatening disaster situation or disaster. Under the sub section 2 (j) of Section 10, the National Executive Committee plan and coordinate specialised training programme on disaster management for different level of officers, employees and voluntary rescue workers. As per the Section 11 (1), Sub-Section 3 (c), The National Disaster Management Plan shall include measures to be taken for preparedness and capacity building to effectively respond to any threatening disaster.

Training courses on various disaster management topics regarding National Disaster Management (NDM) conducts by Netaji Subhas Administrative Training Institute, Kolkata throughout the year. The subjects are mostly on Climate Change & Disaster Management, Drought Risk Mitigation & Management, Flood & Cyclone Risk Mitigation & Management, Earthquake & Landslide Risk Mitigation, School Safety & Disaster Management etc. The District Regional Training Centres (RTCs) also conduct trainings on same topics at district level on regular basis.

National Disaster Management Authority (NDMA) conducts different types of training such as GIS in Disaster Risk Management, Wetland & Eco system restoration for DRR, CNERMP, Urban Flood Mitigation etc. These trainings are conducted mostly in Delhi. For more information, the official website of NDMA addressing the URL <https://ndma.gov.in> may be followed.

National Institute of Disaster Management (NIDM) conducts training courses on IRS, Psychological Care in Disaster Management. The link to access NIDM Training portal is <http://training.nidm.gov.in/>. For online training courses one can visit <https://www.online.nidm.gov.in>.

Indian National Centre for Ocean Information Services (INCOIS) often conducts various National workshops on Tsunami Mock Drill at Hyderabad. Official website of INCOIS is <https://incois.gov.in>.

A. National Disaster Response Force (NDRF)

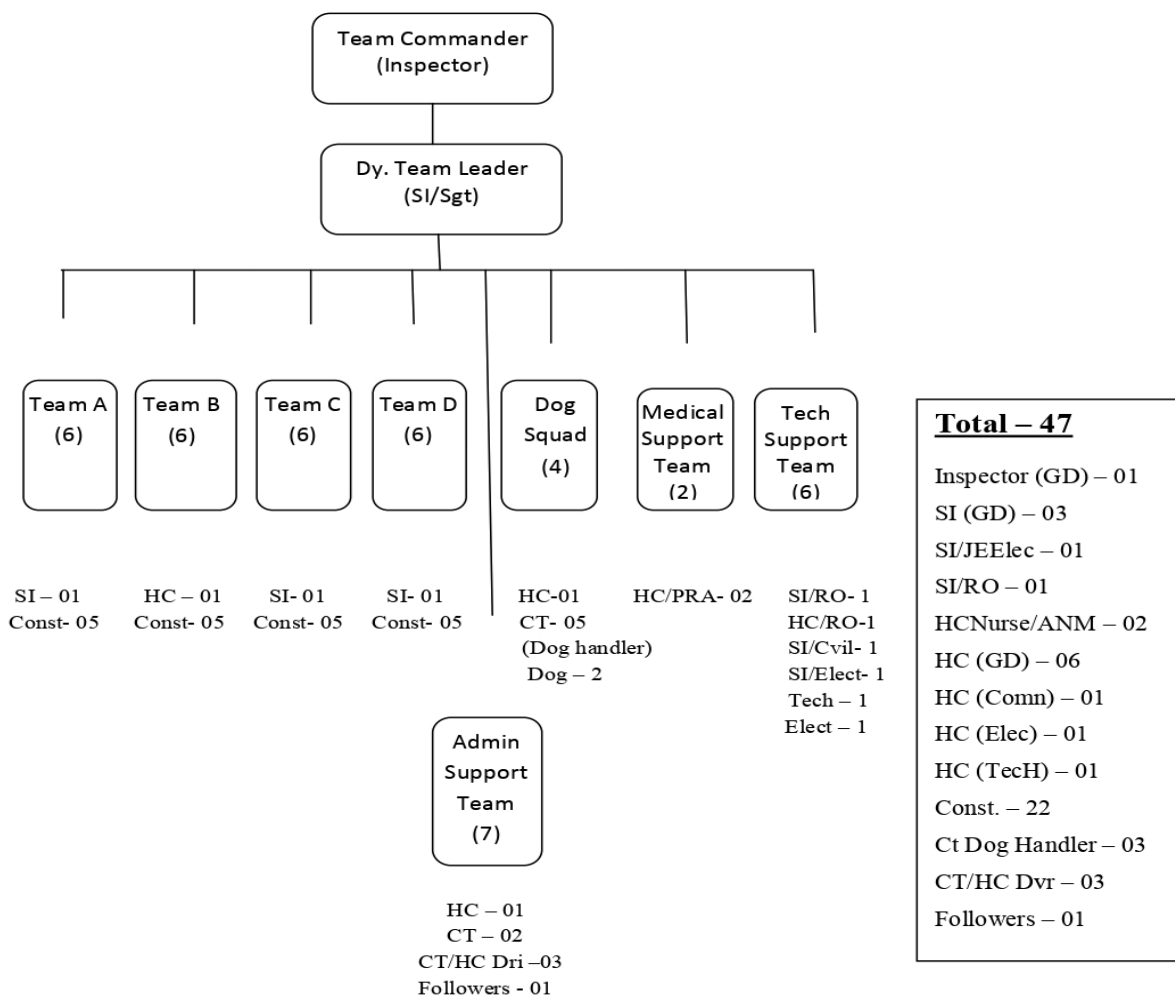
The National Disaster Management Authority (NDRF) was constituted under Section 44 of the Disaster Management Act, 2005 for a specialized response to natural and man-made disasters.

NDRF has proved its importance in achieving this vision by highly skilled rescue and relief operations, regular and intensive training and re-training, familiarization exercises within the area of responsibility of respective NDRF Battalions, carrying out mock drills and joint exercises with the various stakeholders.

The NDRF unit comprise of approximately eleven hundred (1100) personnel. These units are carved out of normal CAPF units and individuals (all ranks) are posted on deputation for a period of 5-7 years. Among its 12 NDRF Battalions, 2nd Battalion of NDRF is located in West Bengal with its HQ at Haringhata, Nadia and two RRCs at Rajarhat & at Siliguri with 03 teams reserved.

The NDRF Battalions are organized in the form of teams and sub-teams. There are 18 operational teams with strength of 47 individuals in each NDRF Battalion and they are further divided into many sub-teams. The organizational structure of NDRF Search and Rescue (SAR) team is as under:-

ORGANIZATIONAL STRUCTURE OF SEARCH AND RESCUE (SAR) TEAM OF NDRF



NDRF takes part in evacuation, rescue operation, relief activities in critical situation, state level Mock Exercises. Every year NDRF organizes joint mock drill with State Government Departments and agencies, FAMEX in collaboration with District Administration for at least 8 Districts.

Contact details of NDRF, West Bengal:

CONTROL ROOM
HQ 2 BN NDRF,
Address: NEAR RRI CAMP, HARINGHATA FARM,
P.O.-MOHANPUR, DISTT.-NADIA,
WEST BENGAL-741246.

PHONE NO. 033-2951 6721

FAX NO.: 033-2951 6718

B. State Disaster Response Force (SDRF):

As per Section 3.4.5 of National Policy on Disaster Management, 2009, the SDRF also constituted for quickly responding to disasters. These SDRF are placed strategically at suitable locations well connected to the airport, rail heads and roads for their immediate deployment at the disaster sites. In West Bengal Disaster Management Groups (DMG) were constituted for Kolkata and DMG–Bengal. DMG Kolkata has its HQ at PTS, Kolkata. Under DMG–West Bengal, 07(seven) self-contained Squads in DMG, WBP were constituted with State Armed Police (SAP) with HQ at Barrackpore, North 24 Parganas.

The SDRF takes part in evacuation and rescue operations especially in regular events like fire incidents, rescue from collapsed buildings, drowning, boat capsized, flood management, cyclone management, earthquake management, landslide management and associated incidents.

The SDRF are also be used for Community Capacity Building and Awareness Generation programmes within the State. During these programmes, SDRF also familiarize themselves with terrain, critical buildings and other existing infrastructure for prompt responses at the time of disasters and simultaneously work with the community, including school children, village volunteers and other stakeholders on what to do during disasters.

TROOPS AVAILABLE IN VARIOUS UNITS IN WEST BENGAL FOR DISASTER RESPONSE

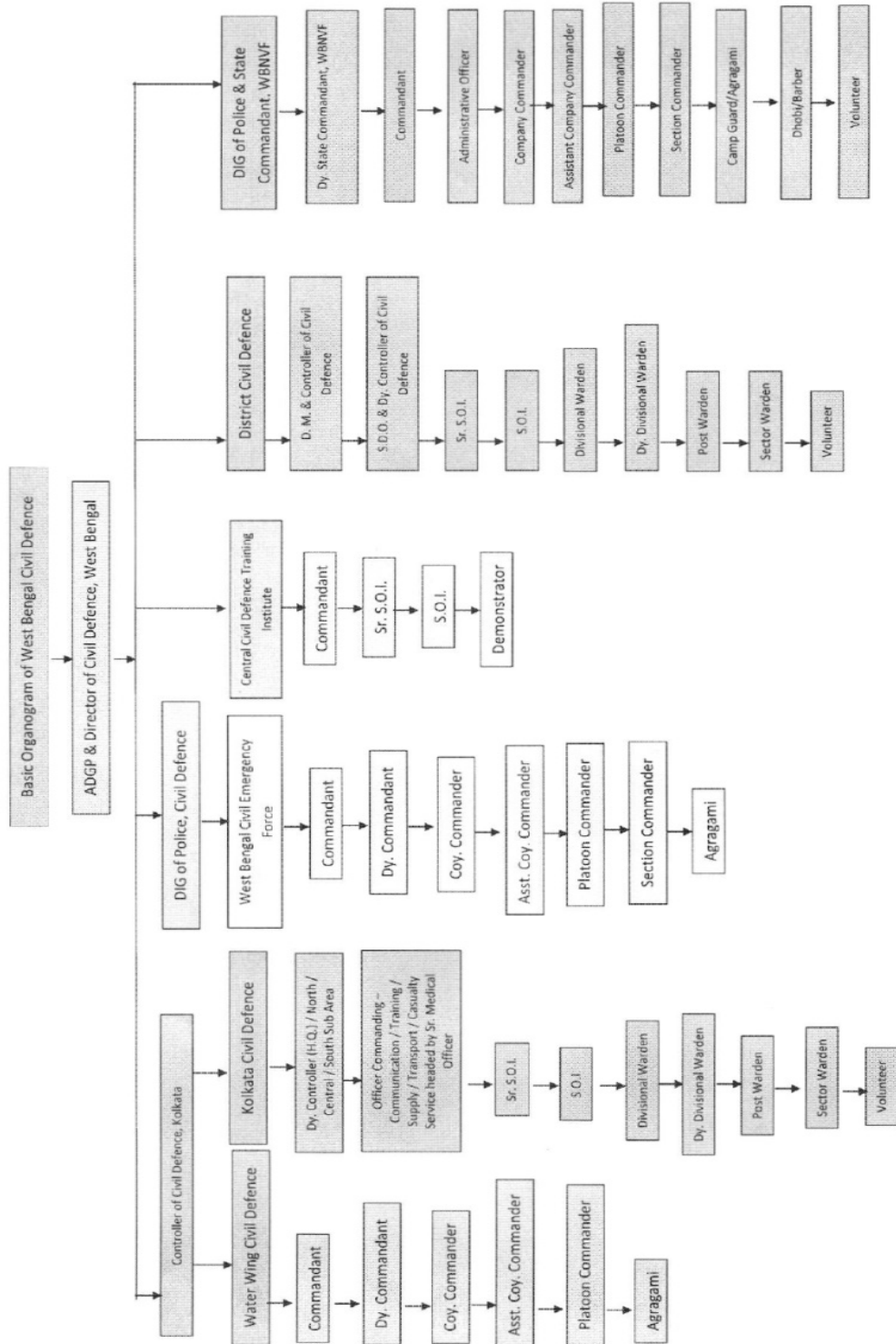
The following disaster related troops are available in the State of West Bengal.

Details of DMG, WBP Troops Available											
SI No.	Unit	Trained Manpower						Main Training Obtained	Main Equipment in Unit	Untrained Manpower	Area of Operation
		ACP	INSP	SI/Sgt	ASI	CONST	HGV / CV				
1.	DMG, KP	01	01	03	07	116	154	i. "Basic Disaster Management" Training conducted by 2 nd Bn. NDRF, Haringhata, Nadia ii. "Appreciation Course on Disaster Management" conducted by (NEPA), Umsaw, Meghala iii. "POT Course in MFR & CSSR for SDRF personnel" conducted by NITSRDR (ITBP), BTC, Bhanu, Dist.- Panchkula, Haryana iv. "CBRN Basic Course for SDRF personnel" conducted by FSTI/NISA, CISF Hyderabad v. "Disaster Management for Police personnel" conducted by ATI, Salt Lake, W.B. vi. "Shallow Diving & Rescue Operation (Deep Diving)" conducted by Sea Explorers Institute, OutramGhat, Kolkata- 21	The equipment held by DMG, SDRF, Civil Defence of WBP is both to cater for CSSR and Water Wing responsibilities.	NIL	K.P. Jurisdiction
2.	SAP 4 th Bn.	-	1	2	8	70	Islampur PD, Raigunj PD, DakshinDinajpur, Malda				
3.	SAP 6 th Bn.	-	-	2	4	70	Bidhannagar PC, Barasat PD, Baruiপুর PD, Bangaon PD, Dimondharbour PD, Basirhat PD, Sundarban PD				
4.	SAP 7 th Bn.	-	-	2	8	70	Birbhum, Asansol Durgapur PC, Hooghly Rural, Chandannagar PC, Purba Bardhaman, Paschim Bardhaman				
5.	SAP 9 th Bn.	-	-	2	8	68	Krishnanagar PD, Ranaghat PD, Berhampore PD, Jangipur PD				
6.	SAP 10 th Bn.	-	-	2	6	69	Siliguri PC, Darjeeling, Kalimpong PD, Jalpaiguri, Cooch Behar				
7.	SAP 13 th Bn.	-	1	2	8	69	Bankura, Purulia, Purba MDP, Paschim MDP				
8.	SSF Bn.	-	-	2	8	70	Hoerah PC, Howrah (Rural), Barrackpore PC				

Sl. No.	Name of the DMG Squad	Control Room No.
1	SAP 4th Bn. Kasba, Raiganj	03523-252028 / 241958
2	SAP 6th Bn. Barrackpore	033 - 25920212
	SSF Bn. Barrackpore	033 - 25920212
3	SAP 7th Bn. Asansol	0341 - 2250668
4	SAP 8th Bn. Barrackpore	033 - 25920213
5	SAP 9th Bn. Sandhya, Krishnanagar	03472 - 227040, 09 & 102
6	SAP 10th Bn., Dabgram, Jalpaiguri	0353 - 2568379
	SAP 12th Bn., Dabgram, Jalpaiguri	0353 - 2568379
7	SAP 13th Bn., Barjora, Bankura	03241 - 257333

CHAPTER 11

CIVIL DEFENCE PLAN



CONTACT NUMBER OF THE OFFICIALS

Directorate of Civil Defence, West Bengal

Name	Designation	Contact Number
Jag Mohan	ADGP & Director of Civil Defence, West Bengal	8334946633
Mitesh Jain	IGP, CD, Office of the Director of Civil Defence, West Bengal	8901240000

Water Wings Civil Defence

Name	Designation	Contact Number
Sri Utpal Kumar Naskar	Commandant	9434130811 / 8584036868
Mirza Mirkashim	Dy. Commandant	9434215499
Sri Shyamal Roy	Asstt. Coy Commandant	9434704618
Sri Tarun Chakraborty	Platoon Commander	8583896337
Sri Uttam Kumar Dhank	Platoon Commander	8902405778
Sri Biplab Sarkar	Platoon Commander	9143148886
Sri Pannalal Das	Platoon Commander	9143755730
Sri Arijit Bose	Platoon Commander	9836171457
Sri Surajit Palit	Platoon Commander	9830437911
Sri Sujit Mukhopadhyay	Platoon Commander	9433089162
Sri Rabin Pal	Platoon Commander	9475320698
Sri Hitanghsu Kumar Saha	Platoon Commander	9874407141
Sri Satyabrata Dutta	Platoon Commander	8016545787
Md Anarul Haque Molla	Platoon Commander	7699327730
Sri Subrata Choudhury	Platoon Commander	7439211901
Sri Amalesh Maity	Platoon Commander	8967603691
Sri Avijit Guchait	Platoon Commander	7596805067
Mofizuddin Ahamed	Platoon Commander	9836282366
SK. Hassan	Platoon Commander	7003829113
Sri Biseswar Bazar	Platoon Commander	9475126161

West Bengal Civil Emergency Force

Name	Designation	Contact Number
Sri Swapan Kumar Das	Commandant	6290886811
Sri Gora Chand Mallick	Asstt. Coy Commander	9830456878
Sri Anandamoy Jatua	Platoon Commander	9875570262

Central Civil Defence Training Institute, West Bengal

Name	Designation	Contact Number
Sri Pralay Jana Ray	Commandant	9433356226 / 7003886066
Amal Kumar Ghosh	Demonstrator	8335801004
Subhas Patra	Demonstrator	9903751349

Kolkata Civil Defence, Kolkata

Name	Designation	Contact Number
	Office of the Controller of Civil Defence, Kolkata	033-2237-4033 033-2236-3594
Sri Utpal Kumar Naskar, IPS	Controller of Civil Defence, Kolkata	9434130811 / 8584036868
Sri Tapas Kumar Bandhopadhyay	Dy. Controller of Civil Defence, Kolkata (HQ)	8910914592
Sri Swapan Kumar Maji	Officer Commanding, Training Section	6290549877
Smt. Mina Biswas	Officer Commanding, Communication	9433713935

2. Name of the Training Centre and number of persons trained in a year :

Central Civil Defence Training Institute, West Bengal (CCDTI,WB)

No. of Person trained in a year:

Trained Civil Defence Volunteer			
2019	2020	2021	2022 (upto August)
868	198	383	176

All advance level training courses are conducted at Central Civil Defence Training Institute Foundation Training and Basic Warden Training courses are conducted at local level, i.e. in a District. Training venue are selected by the District Magistrate and Controller of Civil Defence of the respective district for imparting these local level training.

Under this directorate there are three Multi Disciplinary Centres one at Hatighisa, Siliguri, and another at Asansol, where zonal training and sometimes foundation training are conducted.

Multi Purpose Rescue Centres:

- Mohanpur, Paschim Medinipur.
- Pursura, Hooghly.
- Basirhat, North 24 Pgs.
- Diamond Harbour, South 24 Pgs.
- Raghunathpur, Purulia.
- Kuabagan, Bankura.

All these centers are used as subsidiary training centers. No training course has been conducted in the recent past due to prevailing Covid a situation.

Number of persons trained in year:-

In spite of setting up a target to impart training to 30 to 40 personnel in each month at the local level. No training program was possible to be conducted due to Covid – 19 restrictions for the year 2021-2022 except Kolkata and Darjeeling.

Financial year 2021-22

KOLKATA	DARJEELING
38	143

Total Trained CDV April 2022 to July 2022 = 1591

3. Number of QRT: Total 535 in the state (Please see ANNEXURE-II)

Number of Boats and OBM's :-

Total Boat = 114	Total OBM =108
------------------	----------------

Total Boats & OBM's available :-

District wise deployment of Boats, OBMs and manpower in connection with Monsoon			
Sl. No.	Districts	Total Boats & OBMs deployed	
1	Alipurduar	3	
2	Bankura	3	
3	Birbhum	2	
4	Coochbehar	3	
5	DakshinDinajpur	2	
6	Darjeeling (Siliguri)	4	
7	Hooghly	6	
8	Howrah	2	
9	Jalpaiguri	4	
10	Jhargram	2	
11	Malda	2	
12	Murshidabad	3	
13	Nadia	2	
14	North 24 Parganas	2	
15	PaschimBardhaman	2	
16	PaschimMedinipur	2	
17	PurbaBardhaman	3	
18	PurbaMedinipur	2	
19	South 24 Parganas	4	
20	Uttar Dinajpur	2	
21	Kalimpong	1	
23	Kalyani, WWCD Store	13	13
24	Beliaghata Store, Kolkata	2	2
25	Controller of CD (HQ) KOLKATA Phears Lane (Under Controller of Civil Defence)	1	1
26	C.T.I. Gotlu, Itahar	8	8
27	CCDTI	6	6
28	MDC Hatigisha	2	2
Total		89	89

Name and number of trained Divers in the district:-

Please see **ANNEXURE-I**

Nulia: At present 65 (Sixty five) Nulias are working in an around the sea beaches in Purba Medinipur District.

Aragami:

- i) WBCEF: Out of sanctioned strength of 384 Aragami existing strength 03 plus two on deputation at HQ only.
- ii) WWCD: Sanctioned Strength of Aragami 484. Present strength – AragamiGrade-I -62 and Aragamis are 3.

Aragamis both of WBCEF and WWCD are stationed at WBCEF, Howrah and WWCD, Head Quarter, Kalyani. Only during monsoon season they were deployed to the flood prone district for a period of 5 months, (i.e. 1st June to 31st Oct).

W.B.N.V.F. : District wise their positions and contact person with mobile number (Please see ANNEXURE- III).

4. Details of other Resources available: Modern Equipment

There are one big and one mini Civil Defence Rescue Vehicle available in all districts Headquarters. Those Rescue vehicles are equipped with following equipment:-

Sl. No	Name of the Personal Protective Equipment (PPE)	No. of Unit
1.	Search Cam (extension Cable)	One
2.	Fire Entry Suit	One
3.	Rope Launcher	One
4.	Rope Rider	One
5.	Kern Mantle Rope – 12.5 mm	One
6.	Net	One
7.	Air Compressor Machine	One
8.	B.A. Set – 2 pair	Two pair
9.	Portable Generator	One
10.	Demolition Hammer -	One
11.	Kern Mantle Rope – 10 mm	One
12.	Quick Draw	Two
13.	Stop Lock	One
14.	GriGri	One
15.	Seat Harness	One
16.	Foot Tape sealing	Two
17.	Screw Carabineer	Four
18.	Manual Ascender (Left & Right)	One pair
19.	Tandem Pully	One
20.	Single Pully	One
21.	Search Light	Two
22.	Chair Harness	One
23.	Bullet Chain Saw	Two
24.	Circular Saw	One
25.	Net Stand with base	One Set
26.	Come Along	One
27.	Blanket	Four
28.	ID Jacket	Twenty five
29.	Helmet – Red Color	Eight
30.	Led Helmet + 1 Pcs Visor and 1 broken	Eight
31.	Mitton Gloves (1 pair) + heavy duty 5 pair	Six pair
32.	Winch with Typod + 1 extra full body harness	One
33.	Respac Stretcher	One
34.	Spade	Four
35.	Sovel / Belcha	Four
36.	Extension Ladder	One
37.	Crobar	Two

Sl. No	Name of the Personal Protective Equipment (PPE)	No. of Unit
38.	Kit (Chain Saw)	One
39.	First Aid Box (medicine expired)	One
40.	Megaphone (without battery)	One
41.	Fire Axe	One
42.	Hammer	One
43.	Life Jacket	Eight

5. Details of diving equipment available and number of trained Divers in the District:

Civil Defence Directorate has procured **10 (Ten)** SCUBA sets in the year 2015.

2 (Two) have been handed over to Purba Bardhaman District.

2 (two) have been given to the Murshidabad district.

1 (One) is available with WWCD, Kalyani.

Remaining **5 (Five)** are available with Kolkata Civil Defence, Head Quarter.

Civil Defence Directorate has procured **92** SCUBA sets in the year 2022.

92 Scuba Sets have been distributed

Sl No.	Name Of District	Allotted number of Scuba Sets
1	Alipurduar	4
2	Bankura	1
3	Birbhum	4
4	Cooch Behar	2
5	DakshinDinajpur	3
6	Darjeeling (Siliguri)	2
7	Howrah	4
8	Hooghly	4
9	Jalpaiguri	4
10	Jhargram	3
11	Kalimpong	2
12	Kolkata	1
13	Malda	4
14	Murshidabad	2
15	Nadia	2
16	North 24 Parganas	5
17	Paschim Medinipur	4
18	Purba Medinipur	4
19	Paschim Bardhaman	3
20	Purba Bardhaman	2
21	Purulia	4
22	South 24 Parganas	4
23	Uttar Dinajpur	4
24	WWCD	20
TOTAL		92

Number of Diving Team

Name of District and number of trained divers in the district.

SI No.	Name Of District	No of Trained Scuba Diver
1	Alipurduar	9
2	Bankura	13
3	Birbhum	14
4	Cooch Behar	8
5	Dakshin Dinajpur	15
6	Darjeeling (Siliguri)	6
7	Howrah	00
8	Hooghly	9
9	Jalpaiguri	14
10	Jhargram	13
11	Kalimpong	2
12	Kolkata	15
13	Malda	16
14	Murshidabad	16
15	Nadia	17
16	North 24 Parganas	11
17	Paschim Medinipur	12
18	Purba Medinipur	10
19	Paschim Bardhaman	15
20	Purba Bardhaman	15
21	Purulia	14
22	South 24 Parganas	19
23	Uttar Dinajpur	10
TOTAL		273

6. District wise number of Trained Volunteers and Active Volunteers (For Financial Year- 2020-2021)

SI. No.	DISTRICT	TOTAL TRAINED CDV'S	TOTAL ACTIVE CDV'S
1	ALIPURDUAR	175	90
2	BANKURA	118	90
3	BIRBHUM	210	83
4	COOCH BEHAR	233	60
5	DAKSHIN DINAJPUR	143	39
6	DARJEELING	405	350
7	HOWRAH	174	75
8	HOOGHLY	36	304

Sl. No.	DISTRICT	TOTAL TRAINED CDV'S	TOTAL ACTIVE CDV'S
9	JALPAIGURI	169	22
10	JHARGRAM	74	66
11	KALIMPONG	121	101
12	KOLKATA	1366	767
13	MALDA	219	135
14	MURSHIDABAD	68	12
15	NADIA	29	132
16	NORTH 24 PGS	251	334
17	PASCHIM MEDINIPUR	113	200
18	PURBA MEDINIPUR	312	365
19	PASCHIM BARDHAMAN	425	314
20	PURBA BARDHAMAN	460	113
21	PURULIA	132	256
22	SOUTH 24 PGS	476	405
23	UTTAR DINAJPUR	124	74
Total		5833	4387

7. Linkage and activities with other department at the time of emergencies:-

Civil Defence acts as first responder to any sorts of either manmade or natural disaster. During any disaster across the state, Civil Defence act as force multiplier to NDRF, SDRF, West Bengal Police, Kolkata Police, Kolkata DMG, District DMG, Kolkata Municipal Corporation and other Corporations including Municipalities, Fire and Emergency Services, various Hospitals under Health Department, Metro Rail, River Traffic Police, Transport Department whenever their services have been called for. WBNVF one of the wings of Civil Defence, West Bengal perform Law and order, VIP, Guarding duties etc.

During Cyclone AILA, BULBUL, FANI, HUDHUD, AMPHAN, YASS, COVID -19 Pandemic, the Civil Defence Volunteers had played exemplary role as a force multiplier to the district administration where the cyclones struck had caused surges of water and damage to property.

In all fire hazard in and around Kolkata the response of Kolkata Civil Defence QRT Team in all cases were splendid.

The services of CDV Divers in Purba Burdwan, Paschim Burdwan, Murshidabad, Jalpaiguri are highly admired by the District Administration from time to time for their best endeavor in all sorts of adversity.

Sl No.	Name Of District	No. Of QRT Member
1	Alipurduar	9
2	Bankura	27
3	Birbhum	18
4	Cooch Behar	9
5	Dakshin Dinajpur	16
6	Darjeeling (Siliguri)	(9+18) = 27
7	Howrah	16
8	Hooghly	19
9	Jalpaiguri	16
10	Jhargram	11
11	Kalimpong	9
12	Kolkata	128
13	Malda	27
14	Murshidabad	27
15	Nadia	29
16	North 24 Parganas	9
17	Paschim Medinipur	18
18	Purba Medinipur	21
19	Paschim Bardhaman	9
20	Purba Bardhaman	18
21	Purulia	27
22	South 24 Parganas	18
23	Uttar Dinajpur	27
TOTAL		535

Strength report of W.B.N.V.F. Volunteer of different district

Sl. No.	Name of District (S)	Name of In-Charge With Cont. No.		Effective strength of volunteers	Deployment		Casualty	Total Deployment
		Name	Contact No.		S.P.	Civil		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	24PGS(N)	Jayanta Kumar Sengupta	7003204983	188	161	20	7	188
2	24PGS(S)	Abhijit Paul	9330695774	49	47	2		49
3	Nadia	Maloy Saha	9851489305	214	136	76	2	214
4	Murshidabad	Tapan Nath	8250194783	161	151		10	161
5	Malda	Sukanta Tarafder	9434255824	219	167	45	7	219
6	Uttar Dinajpur	Jamini Sarkar	9332930999	131	113	16	2	131
7	Dakshin Dinajpur	Satyaki Banerjee	8240622815	147	134	9	4	147
8	Howrah	Subrata Ghosh	9932792371	14	13	1		14
9	Hooghly	Pintu Das	8910936039	60	58	2		60
10	Burdwan	Darpan Mondal	9331908860	173	163	7	3	173
11	Birbhum	Tarit Kumar Dey	9732362095	383	281	98	4	383
12	Purba Midnapur	Krishna Chandra Das	8637365535	208	192	13	3	208
13	Paschim Midnapur	Krishna Chandra Das	8637365535	2618	2333	182	103	2618
14	Purulia	Shyamal Kumar Rath	9732797163	958	810	129	19	958
15	Bankura	Debasish Paul	7278928322	736	699	19	18	736
16	Jalpaiguri	Goutam Sharma	9475246953	199	103	94	2	199
17	Cooch Behar	Sujoy Kumar Barman	8637837543	219	145	73	1	219
18	Darjeeling	Tarak Nath Adhikary	9832797283	63	45	17	1	63
T o t a l				6740	5751	803	186	6740


 District Commandant
 W.B.N.V.F. Directorate
 Kalyani, Nadia

Strength report of W.B.N.V.F. Volunteer of different district

Sl. No.	Name of District (S)	Name of In-Charge With Cont. No.		Effective strength of volunteers	Deployment		Casualty	Total Deployment
		Name	Contact No.		S.P.	Civil		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	24PGS(N)	Jayanta Kumar Sengupta	7003204983	188	161	20	7	188
2	24PGS(S)	Abhijit Paul	9330695774	49	47	2		49
3	Nadia	Maloy Saha	9851489305	214	136	76	2	214
4	Murshidabad	Tapan Nath	8250194783	161	151		10	161
5	Malda	Sukanta Tarafder	9434255824	219	167	45	7	219
6	Uttar Dinajpur	Jamini Sarkar	9332930999	131	113	16	2	131
7	Dakshin Dinajpur	Satyaki Banerjee	8240622815	147	134	9	4	147
8	Howrah	Subrata Ghosh	9932792371	14	13	1		14
9	Hooghly	Pintu Das	8910936039	60	58	2		60
10	Burdwan	Darpan Mondal	9331908860	173	163	7	3	173
11	Birbhum	Tarit Kumar Dey	9732362095	383	281	98	4	383
12	Purba Midnapur	Krishna Chandra Das	8637365535	208	192	13	3	208
13	Paschim Midnapur	Krishna Chandra Das	8637365535	2618	2333	182	103	2618
14	Purulia	Shyamal Kumar Rath	9732797163	958	810	129	19	958
15	Bankura	Debasish Paul	7278928322	736	699	19	18	736
16	Jalpaiguri	Goutam Sharma	9475246953	199	103	94	2	199
17	Cooch Behar	Sujoy Kumar Barman	8637837543	219	145	73	1	219
18	Darjeeling	Tarak Nath Adhikary	9832797283	63	45	17	1	63
T o t a l				6740	5751	803	186	6740

Deputy Inspector General of Police
&
State Commandant,
W.B.N.V.F. Directorate
Kalyani, Nadia.

Annexures

SI No.	Subject	Number of Pages
1	List of codes/guidelines for safety of building/structures from natural hazards	3
2	Dos and Don'ts for various Hazards	7
3	Contact Numbers of MIC/MOS:	2
4	Contact Numbers of Head of Office of Different Departments	2
5	Contact Numbers of important functionaries of DMCD Departments	1
6	Contact Numbers of State level important functionaries	1
7	Contact numbers of functionaries of Emergency services	1
8	Contact List of Superintendents of Police	1
9	Contact List of District Magistrates	1
10	Contact List of CMOHs	2
11	Contact List of DDMOs	2
12	Contact List of State and District EOC & Zonal Godowns	2
13	List of I-SAT Communication	1
14	District wise List of MPCs/ Flood Shelter , Airdropping points & emergency services with co-ordinates	51
15	Distribution & List of Heritage Sites	37

ANNEXURE I:

List of codes/guidelines for safety of building/structures from natural hazards:

For General Structural Safety

1. BIS National Building Code 2005
2. IS: 456:2000 “Code of Practice for Plain and Reinforced Concrete
3. IS: 800-1984 “Code of Practice for General construction in Steel”
4. IS: 801-1975 “Code of Practice for Use of Cold Formed Light Gauge Steel Structural Members in General Building Construction”
5. IS 875 (Part 2) : 1987 Design Loads (other than earthquake) for buildings and structures part 2 Imposed Loads
6. IS 875 (Part 4) : 1987 Design Loads (other than earthquake) for buildings and structures part 4 Snow Loads
7. IS 875 (Part 5) : 1987 Design Loads (other than earthquake) for buildings and structures part 5 special load and load combination
8. IS: 883:1966 “Code of Practice for Design of Structural Timber in Buildings”
9. IS: 1904:1987 “Code of Practice for Structural Safety of Buildings: Foundation’s”
10. IS:1905:1987 “Code of Practice for Structural Safety of Buildings: Masonry Walls”
11. IS 2911 (Part 1): Section 1: 1979 “Code of Practice for Design and Construction of Pile Foundation Section 1”
Part 1: Section 2 Based Cast-in-situ Piles Part 1: Section 3 Driven Precast Concrete Piles Part 1: Section 4 Based precast Concrete Piles Part 2: Timber Piles Part 3: Under Reamed Piles Part 4: Load Test on Piles II Protection from Cyclones / Wind Storms
12. IS 875 (3) -1987 “Code of Practice for Design Loads (Other than Earthquake) for Buildings and Structures, Part 3, Wind Loads”
13. IS: 15498 - 2004 “Guidelines for construction of cyclone shelters.”
14. IS: 15498 - 2004 “Guidelines for improving the cyclonic resistance of low rise houses & other building/ structures.”
15. Guidelines (Based on IS 875 (3)-1987) for improving the Cyclone Resistance of Low rise houses and other building.

For Earthquake Protection

16. IS: 1893-2002 “Criteria for Earthquake Resistant Design of Structures (Fifth Revision)”
17. IS: 13920-1993 “Ductile Detailing of Reinforced Concrete Structures subjected to Seismic Forces - Code Practice”
18. IS:4326-1993 “Earthquake Resistant Design and Construction of Buildings - Code of Practice (Second Revision)”
19. IS:13828-1993 “Improving Earthquake Resistance of Low Strength Masonry Buildings - Guidelines”
20. IS:13827-1993 “Improving Earthquake Resistance of Earthen Buildings -Guidelines”
21. IS:1 3935-1993 “Repair and Seismic Strengthening of Buildings - Guidelines”

Flood Management / River Valley Projects

22. IS: 4189-1985 “Guide for preparation of project report for river valley projects.”
23. IS: 4410 (Part 3): 1988 “Glossary of terms relating to river valley project part 3 River and river training.”

24. IS: 4410 (Part 11): Sec 5-1977 "Glossary of terms relation to river valley projects: Part 11 Hydrology Section 5 Floods."
25. IS: 4410 (Part 21): 1987 "Glossary of terms relating to river valley projects: Part 21 Flood control."
26. IS:1 1532-1995 "Construction and maintenance of river embankments (levees) - Guidelines"
27. IS: 12094 - 2000 "Guidelines for planning and Design of River Embankments (Levees)"
28. IS: 14262 - 1995 "Planning and design of revetments - Guidelines"
29. IS: 5477 (Part 4) : 1971 "Methods for Fixing the capacities or reservoirs: part 4 Flood storage"
30. IS: 7323 - 1994 " Operation of Reservoirs - Guidelines"
31. IS: 8408 - 1994 "Planning and design of groynes in alluvial river - Guidelines"
32. IS: 14815 - 2000 "Design Flood for River Diversion Works - Guidelines"

Landslide Hazard

33. IS: 14458 (Part 1): 1998 Guidelines for retaining wall for hill area: Part 1 Selection of type of wall.
34. IS: 14458 (Part 2): 1997 Guidelines for retaining wall for hill area: Part 2 Design of retaining? Breast walls
35. IS: 14458 (Part 3): 1998 Guidelines for retaining wall for hill area: Part 3 Construction of dry stone walls.
36. IS: 14496 (Part 2): 1998 Guidelines for preparation of landslide - Hazard Zonation maps in mountainous terrains: Part 2 Macro-Zonation.
37. IS: 14680: 1999 Guidelines for land slide control.
38. IS: 14948: Code of practice for Reinforcement of Rock Slopes with plain edge of failure.
39. BIS 12023: Code of practice for Field Monitoring and Movement of Structures using Tape Extensometer.
40. BIS: 14804: Guidelines for Sitting, Designing and selection of materials for Residential Building in Hilly Areas.

For Protection of Saline Embankments and Coastal Canals

41. IS: 8835 - 1978 "Feasibility study and preparation of preliminary project report"
42. IS: 10635 - 1993 (reaffirmed 2003) "Freeboard requirements in embankments and dams"
43. IS: 12169 - 1987 - "Criteria for design of small embankment dams."
44. IS: 8835- 1978: Feasibility study, preparation of
45. IS: 12094 - 1978: Preliminary Project Report.
46. IS: 10635 - 1993 (reaffirmed 2003): Freeboard requirements in embankments in embankments and dams.
47. IS: 11532 - 1995 (reaffirmed 2005): Construction and maintenance of river embankments.
48. IS: 12094 - 2000 (reaffirmed 2005): Planning and design of river embankment.
49. IS: 12169 - 1987: Criteria for design of small embankments dams.

Railway Codes & Manuals - RDSO Publications

50. RBF - 20: "Estimation of design discharge based on regional flood frequency approach for sub- zones 3(a), 3(b), 3(c), 3(e)"
51. RBF - 22: "50 years 24 hour set of is pluviat maps of India maps of short duration ratios"
52. RBF - 23: "Validation of flood estimation report No.UTN-7- 1983 for sub-zone-3 (f)"
53. RBF - 24: "Validation of flood estimation report No.3/1980 for sub-zone-3 (f)"
54. RBF - 25: "Estimation of design discharge based on regional flood frequency approach for sub- zone-3 (f)"
55. RBF - 26: "Validation of flood estimation report No.UGP-9- 1984 for sub-zone-1 (e)"

56. RBF - 27: "Validation of design discharge based on regional flood frequency approach for sub- zone-3 (e)?"
57. RBF - 28: "Estimation of design discharge based on regional flood frequency approach for sub- zone-3 (i)?"
58. RBF - 29: "Estimation of design discharge based on regional flood frequency approach of sub- zone-3 (b)?"
59. RBF - 32: "Validation of flood estimation report no.c/1 6/1988 subzone - 1 (b) (chambal basin)?"
60. RBF - 33: "Estimation of design discharge based on regional flood frequency approach for sub- zone-1 (d) (sone basin)?"
61. RBF - 34: "Validation of flood estimation report no.S/ 15/1987 sub-zone-1 (d) (sone basin)?"
62. GE - 1: "Guidelines - Erosion control on slopes of banks and cuttings"
63. GE - 6: "Guidelines for earthwork in conversion projects"

List of Indian Road Congress (IRC) Codes/Manuals

64. IRC: 5 -1998 (Seventh Revision) - "Standard specifications and codes of practice for Road, Bridges Section 1 - General features of Design"
65. IRC: 10-1961 - "Recommended Practice for Borrow pits for Road Embankments constructed by Manual Operation"
66. IRC: 34-1970 - "Recommendations for Road Construction in Waterlogged Area"
67. IRC: 36-1970 - "Recommendations Practice for the construction of Earth Embankments for Road Works"
68. IRC: 45-1972 - "Recommendations for Estimating the Resistance of Soil Below the Maximum Scour Level in the Design of well foundations of Bridges"
69. IRC: 52-2001 (Second Revision) - "Recommendations about the Alignment Survey and Geometric Design of Hill Roads."
70. IRC: 56-1974 - "Recommendations Practice for treatment of Embankment Slopes for Erosion Control."
71. IRC: 75-1979 - "Guidelines for the Design of High Embankments."
72. IRC: 78-2000 (Second Revision) - "Standard specifications - and Code of practice for road, bridges, section VII - Foundations and substructure."
73. IRC: 89-1997 (First Revision) - "Guidelines for Design and Construction of River Training and Control Works for Road Bridges"
74. IRC: 104-1988 - "Guidelines for Environmental Impact Assessment of Highway Projects"
75. IRC: SP: 13-2004 (First Revision) - "Guidelines for the Design of Small Bridges and Culverts."
76. IRC: SP: 35-1990 - "Guidelines for Inspection and Maintenance of Bridges"
77. IRC: SP: 42-1994 - "Guidelines on Road Drainage"
78. IRC: SP: 50-1999 - "Guidelines of Urban Drainage"
79. IRC: SP: 54 -2000 - "Project preparation Manual for Bridges"
80. IRC: 6 - 2000 - "Standard specifications and code of practice for road bridges - section II Loads & Stresses"
81. IRC: SP: 57 -2001 - "Guidelines for quality systems for road construction."
82. IRC: 28 - 1967 - "Recommendation of road construction in water logged areas"
83. IRC: SP: 26 1984 - "Project preparation manual for bridges"
84. IRC: 87 - 1984 - "Guidelines for design and erection."
85. IRC: 21 - 2000 - "Standard specification and codes for roads and bridges."
86. IRC: SP: 20 - 2002 - "Rural Roads."
87. MORT & H Pocket Book for Highway Engineers, 2002 (Second Revision)
88. IRC: SP33: 1989 Guidelines on supplemental Measures for Design, Detailing & Durability of Important Bridge Structures.

ANNEXURE II:

Dos and Don'ts for various Hazards:

Cyclone Safety: Don'ts before and during a cyclone:

- Have your dwellings checked before a cyclone season starts and carry out whatever repairs that are needed.
- Talk to children and explain about cyclones without scaring them.
- Create storm awareness by discussing effects of a cyclonic storm with family members so that everyone knows what one can and should do in an emergency. This helps to remove fear and anxiety and prepares everyone to respond to emergencies quickly.
- Keep your valuables and documents in containers, which cannot be damaged by water.
- Keep information about your blood group.
- Keep lanterns filled with kerosene, torches and spare batteries. These must be kept in secure places and handy.
- Make plans for people who are either sick, suffer from disabilities, aged and children. Store up at least seven-day stock of essential food articles, medicines and water supply. Keep blankets & clothes ready for making beds. Also keep cotton bandages.
- Store some wooden boards so that they can be used to cover windows.
- Keep trees and shrubs trimmed. Remove damaged and decayed parts of trees to make them resist wind and reduce the potential for damage. Cut weak branches and make winds blow through.
- All doors, windows and openings should be secured.
- Continue to listen to warning bulletins and keep in touch with local officials. Keep radio sets in working condition. Battery powered radio sets are desirable.
- Evacuate people to places of safety when advised. Take steps to protect your assets.
- Store extra drinking water in covered vessels. Remain calm.

Don'ts during a Cyclone:

- During the storm do not venture out unless advised to evacuate.
- If you have a vehicle and wish to move out of your house, leave early before the onset of a cyclone. It is often best to stay at home.
- Avoid remaining on the top floor of dwellings. Stay close to the ground.
- Fishermen are advised not to venture out into the sea. They should keep boats and rafts tied up in a safe place.
- Avoid taking shelters near old and damaged buildings or near trees. Do not touch power lines. One may get electrocuted.

Dos after the Cyclone:

- Watch out for broken glass and other sharp items in debris.
- Watch out for snakes and insects. Try to call for help.
- It is advisable to wait for the "all clear message" on radio and TV networks.
- Listen to the advice of local officials and emergency workers. Be sure that the storm has subsided before venturing out.
- Wait for emergency relief teams to arrive. It may take a little time before relief becomes effective.
- Stay away from flooded areas.
- Fishermen should wait for at least 24 hours before resuming fishing. Volunteer to help people who may need assistance like:

- Locating places where dead bodies can be kept until they are disposed off Organising clearing- up so that normalcy returns as soon as possible
- Bringing evacuated people back home and in recording damages suffered Rendering first aid to the wounded
- Donating blood

Earthquake safety:

Dos and don'ts before Earthquake:

- Tell the facts about earthquake to your family members
- Construct new buildings with earthquake resistant method and strengthen the old buildings
- Insure your house and family members
- Take the training for first aid and firefighting Do not keep cots near the glass window
- Do not keep heavy and fragile things in the selves
- Do not hang photo frames, mirrors, or glasses up your bed
- Keep your important documents, some cash and necessary articles ready in a bag Get your house insured before the earthquake
- Identify special skills of neighbor (medical, technical) so that it can be utilised.

Dos and don'ts during Earthquake:

- Do not panic
- If already inside, then Stay indoors! Get under a heavy desk or table and hang on to it. If fire breaks out, drop on the floor and crawl towards the exist
- If you are out doors during the quake, keep away from buildings, trees and electricity lines. Walk towards open places, in a calm and composed manner.
- If you are driving, quickly but carefully move your car as far out of traffic as possible and stop. Do not stop on or under a bridge or overpass or under trees, light posts, power lines, or signs. Stay inside the car until shaking stops
- If you are in a school, get under a desk or table and hold on

Dos and don'ts after the Earthquake:

- Do not be afraid of the aftershocks Listen to radio-TV and other media for Government Announcement.
- Check for injuries to yourself and those around you. Take first aid where you can extinguish fire, where u can.
- Examine walls, floors, doors, staircases and windows to make sure that the building is not in danger of collapsing.
- Do not enter into the unsafe or risky houses or buildings.
- Inspect for Gas leaks-If you smell gas or hear blowing or hissing noises, open a window and quickly leave the building. Don't light your kitchen stove if you suspect a gas leak. Do not keep telephone lines busy unnecessarily.
- Switch off electric lines.

Fire safety:

Dos:

- Buy Fireworks from the licensed shop. Keep fireworks in a closed box
- Store crackers away from source of fire or inflammation Follow all safety precautions issued with the fire works

- Go to open spaces like playgrounds, fields Light them at arm's length using a taper. Stand back while lighting the crackers Discard used fireworks in a bucket of water
- Keep buckets of water and blankets ready, in case a firebreak out. Wear thick cotton clothes for maximum safety from fire.
- If clothes catch fire, Stop, Drop and Roll
- In case of uncontrolled fire wrap the victim in a blanket, till it stops.
- In case of burns splash tap water (not ice water), the process may be repeated till the burning sensation reduces.
- If fingers or toes are burned, separate them with dry, sterile, non-adhesive dressings. Make sure the burn victim is breathing, if breathing has stopped or if the victim's airway is blocked then open the airway and if necessary, begin rescue breathing.
- Elevate the burned area and protect it from pressure and friction.
- Cover the area of the burn with a moist sterile bandage, of clean cloth (do not use blanket or towel for healing burns).
- Consult the doctor as soon as possible for the proper medication Consult an ophthalmologist immediately in case of eye injuries.
- Do contact at the Fire Brigade (Tel. No. 101), for getting the details of the doctors on duty during the festival.

Don'ts:

- Don't burn crackers in crowded, congested places, narrow lanes or inside the house. Don't let children burst crackers unaccompanied by an adult
- Don't put fireworks in your pocket or throw them
- Don't cover crackers with tin containers or glass bottles for extra sound effect
- Don't dare to examine unburst crackers...leave it!! Light a new cracker
- Don't show the Dare-devilry of lighting crackers on own hands
- Don't use fireworks inside a vehicle
- Avoid long loose clothes, as they are fast in catching fire
- Don't remove burnt clothing (unless it comes off easily), but do ensure that the victim is not still in contact with smouldering materials.
- Don't apply adhesive dressing on the burnt area. Don't break the burst blister.

Flood Safety Dos and Don'ts after flood:

- There is a possibility of spread of water borne diseases after flood, and hence medical treatment should be taken immediately.
- Do not enter deep, unknown waters.
- Do not go near the riverbank even after the floodwater has receded. Sprinkle medicines in the stagnant dirty water.
- Inspect your house for any cracks or other damage. Check all the walls, floor, ceiling, doors and windows, so that any chance of house falling down can be known and you can be aware about the immediate danger.
- If the floodwater has entered the house or has surrounded the house, then it is advisable not to enter such house.
- Keep listening to weather forecast on radio and television. Move to your residence only when instructed by the competent authority. It is not safe to believe that the problems have ended after the flood water have receded
- Inform the competent authority/officer for restoration of the necessary connections like gas, electricity, telephone, drainage, etc.

- Beware of the various insects or poisonous snakes that may have been dragged inside the house along with the floodwater.
- Destroy the food commodities that have been affected by floodwater.
- Check properly all the electric circuits, floor level furnace, boilers, gas cylinders, or electric equipment like motor pump etc. Check whether any inflammable or explosive item has not entered along with the floodwater.
- Switch off the main electric supply, if any damage is noticed to the electric equipment. If you find any breakage in the drainage system stop using latrines and do not use tap water.
- Do not use polluted water.
- Sewerage system should be checked and any damage should be repaired immediately so as to curtail spread of diseases.
- Empty the water clogged in the basement slowly with help of water pump so that damage to infrastructure can be minimized
- Check gas leakage which can be known by smell of gas or by hearing the sound of leakage; immediately open all windows and leave the house.
- Boil drinking water before usage and drink chlorinated water. Eat safe food.
- Rescue work should be undertaken immediately after flood situation as per the instruction. Do not follow any shortcut for rescue work.
- Do not try to leave the safe shelter to go back home until the local officials declare normalcy after flood and instruction to return home are not given.

Tsunami Safety:

Dos and Don'ts before Tsunami:

- Be familiar with the tsunami warning signals. People living along the coast should consider an earthquake or a sizable ground rumbling as a warning signal. A noticeable rapid rise or fall in coastal waters is also a sign that a tsunami is approaching. Make sure all family members know how to respond to a tsunami. Make evacuation plans. Pick an inland location that is elevated.
- After an earthquake or other natural disaster, roads in and out of the vicinity may be blocked, so pick more than one evacuation route.
- Teach family members how and when to turn off gas, electricity, and water Children should be taught in advance about the evacuation plans.
- Prepare emergency kit beforehand. The emergency kit should contain Flashlight and extra batteries, battery-operated radio and extra batteries, First aid kit Emergency food and water, essential medicines etc.

Dos and Don'ts during Tsunami:

- Listen to a radio or television to get the latest emergency information, and be ready to evacuate if asked to do so.
- If you hear a tsunami warning, move at once to higher ground and stay there until local authorities say it is safe to return home.
- Move in an orderly, calm and safe manner to the evacuation site.
- Stay away from the beach. Never go down to the beach to watch a tsunami come in. If you can see the wave you are too close to escape it.
- Return home only after authorities advise it is safe to do so.

Dos and Don'ts after Tsunami:

- Stay tuned to a battery-operated radio for the latest emergency information. Help injured or trapped persons.
- Stay out of damaged buildings. Return home only when authorities say it is safe. Enter your home with caution. Use a flashlight/torch when entering damaged buildings. Check for electrical shorts and live wires.

- Do not use appliances or lights until an electrician has checked the electrical system. Open windows and doors to help dry the building.
- Shovel mud while it is still moist to give walls and floors an opportunity to dry. Check food supplies and test drinking water.
- Fresh food that has come in contact with flood waters may be contaminated and should be thrown out.

Dos and Don'ts during Landslide:

Do's

- Stay away from the slide area. There may be danger of additional slides.
- Check for injured and trapped persons near the slide area. Give first aid if trained.
- Remember to help your neighbours who may require special assistance--infants, elderly people, and people with disabilities.
- Listen to a radio or television for the latest emergency information.
- Stay away from the slide area. There may be danger of additional slides.
- Check for damaged utility lines. Report any damage to the utility company.
- Check the building foundation, chimney, and surrounding land for damage.
- Replant damaged ground as soon as possible since erosion caused by loss of ground cover can lead to flash flooding.
- Prepare tour to hilly region according to information given by weather department or news.
- Move away from landslide path or downstream valleys quickly without wasting time.
- Keep drains clean and inspect drains for – litter, leaves, plastic bags, rubble etc.
- Keep the weep holes open.
- Grow more trees that can hold the soil through roots.
- Listen for unusual sounds such as trees cracking or boulders knocking together.
- Stay alert, awake and active (3A's) during the impact or probability of impact.
- Locate and go to shelters.
- Try to stay with your family and companions.

Don'ts

- Try to avoid construction and staying in vulnerable areas;
- Do not panic and loose energy by crying;
- Do not touch or walk over loose material and electrical wiring or pole;
- Do not built houses near steep slopes and near drainage path;
- Do not drink contaminated water directly from rivers, springs, wells but rain water if collected directly without is fine;
- Do not move an injured person without rendering first aid unless the casualty is in immediate danger.

Lightning Safety:

Dos during Lightning:

- Take refuge in a house. Preferably in a pucca house;
- If working outdoor or in a field without a shelter, squat to the ground level, but don't lie down and sit in a cramped position;
- If one is in a vehicle, roll up the windows;
- Stay away from snapped electrical wires;

- Stay away from water bodies;
- Keep a safe distance from electrical wires and post;
- Avoid fishing during a thunderstorm;
- Remove all electronic gadgets from the plug point;
- Stay away from roof-tops, windows and balcony;
- Have proper earthing in your house.

Don'ts during Lightning:

- Don't take shelter under a tree. Keep a safe distance of at least 13 feet from trees.
- Don't use electrical and electronic gadgets.

Do's and Don'ts in Cold Wave:

Before

- Listen to the radio; watch TV, read newspapers for local weather forecast to know if a cold wave is round the corner.
- Stock adequate winter clothing. Multiple layers of clothing are more helpful.
- Keep emergency supplies ready.
- An increased likelihood of various illnesses like flu, running/ stuffy nose or nosebleed, which usually set in or get aggravated due to prolonged exposure to cold. Consult the doctor for symptoms like these.

During

- Follow weather information and emergency procedure information closely and act as advised.
- Stay indoors as much as possible and minimize travel to prevent exposure to cold wind.
- Wear multiple layers of loose fitting, lightweight, windproof warm woolen clothing rather than one layer of heavy clothing. Tight clothing reduces blood circulation.
- Keep yourself dry. If wet, then cover your head, neck, hands and toes adequately as the majority of heat loss occurs through these body parts.
- Prefer mittens over gloves. Mittens provide more warmth and insulation from cold, as fingers share their warmth and expose less surface area to the cold.
- Use hats and mufflers to prevent heat loss, Wear insulated / waterproof shoes.
- Eat healthy food to maintain the equilibrium of body temperature.
- Drink hot fluids regularly, as this will maintain body heat to fight cold.
- Take care of elderly people and children and check on neighbours who live alone, especially the elderly about their well-being.
- Store essential supply as per requirement. Store adequate water as pipes may freeze.
- Follow the guide on heat insulation for non-industrial buildings and take necessary preparedness measures.
- Watch out for symptoms of frostbite like numbness, white or pale appearance on fingers, toes, earlobes and the tip of the nose, while exposed to cold waves.
- Treat the areas affected by frostbite in warm (not hot) water (the temperature should be comfortable to touch for unaffected parts of the body).
- Do not ignore shivering. It is an important first sign that the body is losing heat and is a signal to quickly return indoors.
- Seek medical attention as soon as possible for someone suffering from Frostbite/Hypothermia.
- Move pet-animals indoors. Likewise, protect livestock or domestic animals from cold weather by moving them inside.

- Severe exposure to cold wave can lead to Hypothermia – a decrease in body temperature which can cause shivering, difficulty in speaking, sleepiness, stiff muscles, heavy breathing, weakness and/or loss of consciousness. Hypothermia is a medical emergency that needs immediate medical attention.
- Consult doctor for symptoms like various illnesses, running/stuffy nose particularly during the period of COVID -19.

In the case of hypothermia

- Get the person into a warm place and change 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

- Avoid prolonged exposure to cold.
- Don't drink alcohol. It reduces your body temperature; it actually narrows your blood vessels, particularly those in the hands, which can increase the risk of hypothermia.
- Do not massage the frostbitten area. This can cause more damage.
- Do not give the affected person any fluids unless fully alert.

Do's and Don'ts in Heat Wave:

Do's for All

- Listen to the radio; watch TV, read newspapers for local weather news;
- Drink sufficient waters- even if not thirsty;
- Use ORS (Oral Rehydration Solution), homemade drinks like Lassi, lemon water, butter milk etc. to keep yourself hydrated;
- Wear lightweight, light-coloured, loose, cotton clothes;
- Cover your head: Use a cloth, hat or umbrella;
- Stay indoor as much as possible;
- Keep your home cool, use curtains, shutters or sunshade and open windows at night;
- Use fan, damp clothing and take bath in cold water frequently;
- Keep animals in shade and give them plenty of water to drink.

Do's for Employers and Workers

- Provide cool drinking water near work place;
- Schedule strenuous jobs to cooler times of the day;
- Increase the frequency and length of rest breaks for outdoor activities;
- Pregnant workers and workers with a medical condition should be given additional attention.

Don'ts

- Avoid going out in the sun, especially during midday;
- Avoid strenuous activities when outside in the midday;
- Do not go out barefoot;
- Avoid alcohol, tea, coffee and carbonated soft drinks, which dehydrates the body;
- Avoid high-protein food and do not eat stale food;
- Do not leave children or pets in parked vehicles- as they may get affected by Heat Wave.

ANNEXURE III:

Important Contact Numbers:

1. Office of Honourable Ministers:

Sl. No.	Department	Phone	Fax	Email
1	Agriculture	2214-1778, 2253-5181	2214-5757	micagriwb@gmail.com
2	Agricultural Marketing	2252-0619	2252-0307	micagrmarketing@gmail.com
3	Animal Resources Development	2335-1130, 2335-1144	2335-1130	wbmosard@gmail.com
4	Backward Classes Welfare	2334-3603	2334-3217	mic.bcw-wb@gov.in
5	Science and Technology and Bio-Technology	2334-5809	—	ps2micstbt@gmail.com
6	Consumer Affairs	2252-7483	2252-7483	mic.cad-wb@nic.in
7	Co-operation	2214-4001	2214-3441	utumandal@gmail.com, pstoministercoop@gmail.com
8	Correctional Administration	2262-5695	2262-5692	ujjalbiswas1954@gmail.com
9	Disaster Management and Civil Defence	2214- 4052	2214-4051	micfes.dm.cd@gmail.com
10	Environment	2335-0238	2321-2329	ps2mosenvironment@gmail.com
11	Finance	2214-5525	2214-1338	fm-wb@nic.in
12	Fire and Emergency Services	2337-3728, 2337-3729	2337- 3728	mosicfiredepartment@gmail.com
13	Fisheries	2357-0099, 2357-0078	2357-0086	micpsfish@gmail.com psmicfish@gmail.com
14	Food and Supplies	2252-1388	2252-0445	micfoodgovtwb@gmail.com
15	Food Processing Industries and Horticulture	2321-0243	2321-0270	micfpihwb@gmail.com
16	Forest	2335-4040	2335-4028	pstomicforest@gmail.com
17	Health and Family Welfare	2214-5555, 2214-3101	2214-3528	cmwb@nic.in,moshealthwb@gmail.com
18	Higher Education	2358-8858	2337-6783	michighede@wb.gov.in
19	Home and Hill Affairs	2214-5555, 2214-3101	2214-3528	cm-wb@nic.in
20	Housing	2262-4004, 2262-4005	2262-4091	mhousing56@yahoo.com
21	Information and Cultural Affairs	2214-5555, 2214-3101	2214-3528	cm-wb@nic.in
22	Information Technology and Electronics	2357-5533 / 2544	—	micit@wb.gov.in
23	Industry,Commerce and Enterprises	40050111	2282-0771	mic.industry@outlook.com
24	Irrigation and Waterways	2321 5103		mahapatrasoumen@gmail.com
25	Judicial	2214-5802	2214-3010	ghatak.moloy@gmail.com
26	Labour	2262-7140, 2262-7189, 2262-7138 (M.O.S)	2262-7141	mannabecharam@gmail.com
27	Land and Land Reforms & Refugee Relief and Rehabilitation	2214-5555, 2214-3101	2214-3528	cm- wb@nic.in,moshealthwb@gmail.com

Sl. No.	Department	Phone	Fax	Email
28	Law	2253-5395, 2253-5176	2214-3010, 2214- 4036	ghatak.moloy@gmail.com
29	Mass Education Extension and Library Services	2334-4791, 2358-9354, 2334-3938	2334-3938	mos.meels@gmail.com
30	Micro Small and Medium Enterprises and Textiles	2214-5663		micmsmet.21@gmail.com
31	Minority Affairs and Madrasah Education	Phone: 2214-5704/32	Fax: 2214-31	micmamedepartment@gmail.com
32	North Bengal Development	2214-5555 , 2214-3101	2214-3528	cm-wb@nic.in
33	Non-Conventional and Renewable Energy Sources	2357-0093	2357-0097	micnres-wb@bangla.gov.in
34	Panchayat and Rural Development	2335-3335	2335-3334	arumoy06@gmail.com
35	Parliamentary Affairs	2334-6181	2214-2076	michighede@wb.gov.in
36	Pashimanchal Unnayan Affairs	2337- 0225, 2337-0250	2337-0250	sandhyaranitudu5@gmail.com
37	Personnel and Administrative Reforms	2214- 5555, 2214-3101	2214-3528	cm-wb@nic.in
38	Planning, Statistics & Programme Monitoring	2321-1113, 2359-4852, 2359-4854	2321-1827, 2359-4853	micdospi2016@gmail.com
39	Power	2335-0768	2335-5151	micpowerwb1@gmail.com
40	Public Health Engineering	2248-2130	2248- 9843	mic@wbphed.gov.in
41	Public Works	2214-3161, 2214-1616	2214-4788	ghatak.moloy@gmail.com
42	Public Enterprises and Industrial Reconstruction	2282-0676	2282-0771	mic.peir-bgla@bangla.gov.in
43	School Education	2334-2256	2337-6783	edu.min.wb@gmail.com, ps2mic@d@gmail.com
44	Self Help Group and Self Employment	2262-7270	2262-7247	mic.cad-wb@nic.in
45	Sundarban Affairs	2321-8238	2337-3544	mossaiw_91@yahoo.com
46	Technical Education, Training & Skill Development	2324-5854	2324-5853	mos.tetsd@gmail.com
47	Tourism	2214-5789	2214-3357	mictourismwestbengal@gmail.com
48	Transport	2262-5402,2262-5403	—	pstomictransportwb@gmail.com
49	Tribal Development	6810-5918	—	jstddwb65@gmail.com
50	Urban Development and Municipal Affairs	2358-3500	—	mos.ic.udma@gmail.com
51	Water Resources Investigation and Development	2252-0558, 2252-0038	—	ps2micwridd@gmail.com
52	Women & Child Development and Social Welfare	2334-5673	2334-5673	shashipanja@yahoo.com
53	Youth Services and Sports	2262-4242, 2262-7462, 2262-8118,	2262-7462, 2262-8119	biswas.aarop@gmail.com

2. Head of Office of Different Departments:

Sl. No.	Department	Phone	Fax	E-mail id
1	Chief Secretary	2214-5858	2214-4328	cs-westbengal@nic.in
2	Agriculture	2253-5124, 2250-1057	2214-3045	ps.agri-wb@nic.in
3	Agriculture Marketing	2252-0441	2252-0652	agrmkt-wb@bangla.gov.in
4	Animal Resources Development	2335-1152	2335-1128	secy.ard-wb@nic.in
5	Bacward Classes Welfare	2337-1040	2334-5082	secretarybcw@gmail.com
6	Consumer Affairs	2252-0624	2252-0160/0053	prsecy.cad@gmail.com
7	Co-operation	2214-3488	2214-3776	prsecy.cooperation@gmail.com
8	Correctional Administration	2262-5696	2262-5696	principalsecydca@gmail.com
9	Disaster Management & Civil Defence	2214-3674	2214-4005	ps.dmd-wb@nic.in secrelief@wb.gov.in
10	Enviorment	2335-2742	2335-0271	acsenvwb@gmail.com
11	Finance	2214-3695	2214-1391	fs-wb@nic.in
12	Fire and Emergency Services	2358-1130	2321-1454	firedepartment@rediffmail.com
13	Fisheries	2357-0077	2357-0072	prsecy.fisheries@gmail.com
14	Food and Supplies	2252-2800	2252-3492	itcellfswb@gmail.com
15	Food Processing Industries and Horticulture	4602-7104, 2357-5889	2357-7665	psfpwhb@gmail.com
16	Forest	2335-4030	2335-4020	acsforestwb@gmail.com
17	Health and Family Welfare	2357-5899	2357-7907	prin.secwhealth@gmail.com
18	Higher Education	2337-8573	2358-7266	highereducationwb@gmail.com
19	Home and Hill Affairs	2214-5656	2214-3001	wb.secychome@gmail.com
20	Housing	2262-5770	2262-5718	prsecy.housing-wb@nic.in
21	Information and Cultural Affairs	2214-3614, 2253-5201	2253-5201	secica@wb.gov.in
22	Information Technology and Electronics	2357-2533	2357-2534	secit@wb.gov.in
23	Irrigation and Waterways	2321-5616	2334-0251	iwd.prsecy@gmail.com
24	Industry Commerce and Enterprises	4072-7012	—	secci@wb.gov.in
25	Judicial	2214-5824	2214-5225	secy.judicial@gmail.com
26	Land & Land Reforms & Refugee Relief and Rehabilitation	2214-4022	2214-3267	seclr@wb.gov.in
27	Labour	2262-5845	2262-5865	labour-wb@gov.in
28	Law	2214-3173, 4458 (Extn)	2214-4288	seclaw@wb.gov.in
29	Mass Education Extension and Library Services	2334-2764	2334-8535	secy.meels@gmail.com

Sl. No.	Department	Phone	Fax	E-mail id
30	Micro & Small Scale Enterprises and Textiles	2280-1601	2280-1602	acs.msme@gmail.com
31	Minority Affairs and Madrasah Education	2250-1013	2214-1708	mame.wb@gmail.com mame-wb@nic.in
32	North Bengal Development	2230-5777	2230-0015	secy.nbdd@gmail.com
33	Non-Conventional and Renewable Energy Sources	2357-6569	2357-6569	wbnreswb@gmail.com
34	Panchayat and Rural Development	2335-6103	2334-3334	secyprd@gmail.com
35	Parliamentary Affairs	2214-5656, 4073 (Extn)	2214-3001	wb.secychome@gmail.com
36	Paschimanchal Unnayan Affairs	2337-0237	2337-0257	acspsud@rediffmail.com
37	Personnel and Administrative Reforms	2214-3655	2214-3318	secy.par-wb@nic.in
38	Planning & Statistics	2321-1104	2321-1252	secypspm@gmail.com
39	Power	2335-1269	2335-8378	powersecy@wb.gov.in
40	Public Health Engineering	2952-0141	—	secy@wbphed.gov.in
41	Public Works	2214-5444	2214-5825	secpwd@wb.gov.in
42	Public Enterprises and Industrial Reconstruction	2282-0674	—	prssecy.peird-wb@bangla.gov.in
43	School Education	2334-2228	2337-6561	wbssed@gmail.com
44	Self Help Group and Self Employment	2262-5941	2262-5963	shgsewb@gmail.com
45	Sundarban Affairs	2334-9769, 2321-8238	2334-9769	official.sunderbanaffairs@gmail.com
46	Science and Technology and Bio-technology	2334-5809	—	pssciscience@wb.gov.in
47	Technical Education, Training & Skill Development	2324-4799	2324-7888	prsecytetsd@gmail.com
48	Tourism	2214-4427	2214-4695	sec.tourism-wb@nic.in
49	Transport	2262-5404/ 05	2262-5406	sec.transportwb@gmail.com
50	Tribal Development	6810-5912/5913	—	secretarytd@gmail.com
51	Urban Development and Municipal Affairs	2334-9394	2334-7880	secy.ma-wb@gov.in
52	Water Resources Investigation and Development	2252-1144	2252-1196	wridd.wb@gmail.com psecy.wridd-wb@gov.in
53	Women and Child Development and Social Welfare	2334-1563	2334-1918	secy.wcdsw@gmail.com
54	Youth Services and Sports	2214-3345	2214-5776	sportssecywboffice@gmail.com

3. DISASTER MANAGEMENT IMPORTANT FUNCTIONARIES TELEPHONE NUMBERS – FIELD LEVEL

Designation	Organization	Officer	Contact Number	
			Office	Fax
Disaster Management Department	Control Room		1070 (Toll Free) (033) 2214 3526 (033) 2214 5664 (033) 2253 5185	(033) 22141378
	Principal Secretary	Sri Dushyant Nariala, IAS	(033) 2214 3674	(033) 22144005
	Special Commissioner (Disaster Management)	Sital Chandra Mondal, W.B.C.S (Exe.)	(033) 2214 1938	(033) 22141378
	Special Commissioner (Civil Defence)	Sri Satyajit Sen, W.B.C.S (Exe.)	(033) 2321 5070	
	Additional Secretary (Disaster Management)	Sri Mrinal Kanti Rano, W.B.C.S (Exe.)	(033) 2214 1522	
	Joint Secretary (Disaster Management)	Sri Swapan Kumar Malick, W.B.S.S	(033) 2253 5277	
	Joint Secretary (Civil Defence)	Sri Mrinal Kanti Halder, W.B.C.S (Exe.)	(033) 2334 2279	
	Director of Disaster Management	Sri Palden Sherpa, W.B.C.S. (Exe.)	033 2227 5820 /2264-2296 /2265-0765	033 2265-0795

4. IMPORTANT FUNCTIONARIES TELEPHONE NUMBERS - STATE LEVEL

Designation	Name	Contact Number		
		Office	Email-Id.	Fax
Director, Civil Defence	Shri Jag Mohan, IPS	033 - 2225 2179	dircdwb@gmail.com	NIL
Director General of Police	Shri Manoj Malaviya, IPS	033 2214 5400 033 2533 4941	dgpwestbengal@gmail.com	033 2214-5400
Commissioner of Police, Kolkata	Shri Vineet Kumar Goyal, IPS	033 2214 5060	cp@kolkatapolice.gov.in	NIL
Nodal Officer for DMG, West Bengal Police	Shri Javed Shamim, IPS	033 2214 4498/5486 033 2479 4025/4044	adg.ops17@gmail.com	
Nodal Officer for Kolkata Police., D.M.G.	Shri Sukhendu Hira, IPS	033 2262 5222	ddodcpcombatkp@gmail.com ocdmgkp@gmail.com;	
D.G., Fire & Emergency Services	Shri. Ranvir Kumar, IPS	033 2252 1173 2252 7172	dg.wbfes@gmail.com	033 2252 7172/ 8103
Commissioner, K.M.C.	Shri Binod Kumar, I.A.S.	033 2286 1234/1034 (D), 2286-1000 Extn. 2531/2474 Int. Com. : 235	mc@kmcgov.in	033-2286-1434/ 1334

5. DISASTER MANAGEMENT IMPORTANT TELEPHONE NUMBERS – EMERGENCY SERVICES

Designation	Organization	Contact Number	
		Office	Fax
ADG (L&O) W.B.P	Control Room	(033) 22145486 (033) 22144031	(033) 22144031
Commissioner of Police, Kolkata Police	Control Room	(033) 2250 5090 (033) 2214 3230	(033) 2250 5000 (033) 2214 5512
DG, Fire &Emergency Service	Control Room	101 (033) 2252 1165 (033) 2227 6666	
KMC	Control Room	(033) 2286 1212 (033) 2286 1313 (033) 2286 1414	(033) 2286 1334 (033) 2286 1434 (033) 2286 1444 (033) 2286 1000-1014
	Nodal Officer	(033) 2286 1271	(033) 2286 1127 (033) 2252 0003
Regional Meteorological Centre (RMC), Kolkata	Control Room	(033) 2479 3167 (033) 2479 0596	
	Head, RMC	(033) 2479 3782	
NDRF 2nd Bn. Haringhata, Nadia	Control Room	(033) 2951 6718	
Indian Air Force (Police)	Control Room	(033) 2262 5336/ 2223 6047	
Coast Guard, Haldia	Control Room	(032) 2426 7755	(032) 2426 3407
IG BSF	South Bengal Frontier	(033) 2962 4419/ 2962 3434	(033) 2962 3259
AIR Duty Room 24X7	Program Officer	(033) 2248 5938 (033) 2248 6064	
DD News Room		(033) 2423 5757 (033) 2423 5343	
Army	Bengal Sub Area	(033) 2223-7193/ 2213-3351	
Civil Defence	Control Room	(033) 2237 4033 / 2236 3594	(033) 2225 6687
D.G. Control Room	Nabanna	(033) 2214 4031	(033) 2214 4031
CPRO, Eastern Railway		(033) 2248 2008	
Sealdah, Eastern Railway	Control Room	2350 7132	
CESC	Control Room	2248 1481/3107	
NDMA	Control Room	(011) 2670 1728	
Banga Bhawan		(011) 23738134/ 4269	

6. LIST OF SUPERINTENDENTS OF POLICE

Name of District	Name	E-mail ID	Phone No	
			Office	Fax No.
Alipurduar	Sri Y. Raghuvanshi	spalipurduar@gmail.com	03564 256244	03564 256244
Bankura	Sri Dhritiman Sarkar	spbankura@gmail.com	03242 250305	03242 250727
Barasat	Sri Raj Narayan Mukherjee	spnorth24parganas@gmail.com	033 2542 7980	0325240028
Baruipur	Sri Vaibhab Tiwari	baruipurpolice@gmail.com	033 2433 0010	033 2433 0070
Basirhat	Dr. Joby Thomas K.	spbasirhatoffice@gmail.com	03217264333	03217264666
Birbhum	Sri Nagendra Nath Tripathi	spbirbhum@policewb.gov.in	03462 255353	03462 256806 03462 254001
Bongaon	Sri Tarun Haldar	spbongaonpd@gmail.com	0321-255244	
Cooch Behar	Sri Sumit Kumar	spdibcbr@gmail.com	03582 227755	03582 227745
Dakshin Dinajpur	Sri Rahul De	spddinajpur@gmail.com	03522 255321 03522 255650	03522 255560 03522 255554
Darjeeling	Sri Santosh Nimbalkar	spdjpg001@gmail.com	03542 254270	0354 2256555
Diamond Harbour	Sri Avijit Banerjee	ddhplicedistrict@gmail.com	2497 8466	2497 6465
Hooghly (Rural)	Sri Amandeep	sphooghly-wb@nic.in	033 26303000	
Howrah (Rural)	Sri Saumya Roy	dcrbrural@gmail.com	033 2661 6210	033 2661 6400
Jalpaiguri	Sri Debarshi Dutta	spjpgwb@gmail.com	03561 230492	03561 231237
Jhargram	Sri Biswajit Ghosh	dcrbjhargram@gmail.com, dtjhargram@wbpolice.gov.in	03221 255198	
Jangipur	Dr. Bholanath Pandey	jangipurtelecom@gmail.com	3483266201	
Kalimpong	MS. Aparajita Rai	spkalimpong2020@gmail.com	03552 255359	03552 255002 (Wireless)
Maldah	Sri Amitabha Mait	maldasp@gmail.com	03512 252520	03512 266223
Murshidabad	Sri K Sabari Raj Kumar	spmurshidabad@gmail.com	03482 250751	03482 250751
Krishnanagar	Ms. Ishani Paul	spkngprd@gmail.com	03472 252843	03472 253154
Ranaghat	Sri Sayak Das	sprgtpd@gmail.com	033-2951 3001	
Purba Bardhaman	Sri Kamanasish Sen	spdcrrbbwm@gmail.com	034 2266 2956	034 2266 3808
Paschim Medinipur	Sri Dinesh Kumar	sppaschimmedinipur@gmail.com	03222 275609	03222 274298 03222 263530
Purba Medinipur	Sri Amarnath K	spurbamedinipur@gmail.com	03228 269580	03228 269763
Purulia	S. Selvamurugan	sppla7@gmail.com puruliasp@gmail.com	03252 222304	03252 223588
Sundarban	Sri Bhaskar Mukherjee	sundarbanplicedistrict@gmail.com	03210 255701	03210 255701
Raiganj	Md. Sana Akhtar	spudwb718@gmail.com	03523 246461	03523 246456
Islampur	Sri Sachin	islampurpd@gmail.com	03526 255008	

7. CONTACT DETAILS OF DISTRICT MAGISTRATES

Name of District	E-mail ID	Phone No	
		Office	Fax No.
Alipurduar	dmapd20@gmail.com	03564 255062	03564 255286
Bankura	dm-bank@nic.in	03242 250304	03242 251076, 03242 254807
Birbhum	dm0bir@nic.in	03462 255222	03462 256222 (O)
Cooch Behar	dmcoochbehar@gmail.com	03582 227101	03582 227000, 03582 225000
Dakshin Dinajpur	dm-bgt-wb@nic.in	03522 255201	03522 255488
Darjeeling	dm-darj@nic.in	0354 2254233	0354 2254338
Hooghly	dm-hoog@nic.in deohooghly2021@gmail.com	033 26802044	033 26802048
Howrah	dm-how-wb@nic.in	033 2641 2024 033 2641 2961	033 2641 3367 033 2641 0029
Jalpaiguri	dm-jlp@nic.in dmjalpaiguri2011	03561 230127	03561 230127
Jhargram	jhargramdm@gmail.com	03221 257915 03221 259453	03221 257797
Kalimpong	dmkalimpong2017@gmail.com	0355 2255264 0355 2255009	03552 255264
Maldah	dm-malda@nic.in dm-mldh@nic.in	03512 252381	035 1225 3092 035 1225 3049
Murshidabad	dm-mur-wb@nic.in	03482 251650	03482 254645
Nadia	dm-ndi@nic.in	03472 251001	03472 252294 03472 253030
North 24 Parganas	dm-bar-wb@nic.in dmn24parganas@gmail.com	033 2552 3662 033 2584 6202	033 2562 6177
Paschim Bardhaman	dmpaschimbardhaman@gmail.com	0341 2254545	0341 2254242
Purba Bardhaman	dm-burd@nic.in	0342 2662428	03422 625703 0342 2561899
Paschim Medinipur	dmpmid@gmail.com	03222 275571	0322 2275427
Puurba Medinipur	dmpurb@gmail.com	0322 8263098	0322 8263500
Purulia	dm-pur-wb@nic.in	0325 2222302	0325 2222490
South 24 Parganas	dm-ali@nic.in	033 24791469	033 24487871
Uttar Dinajpur	dm-rgj-wb@nic.in	03523 246025	03523 246250

8. Contact Number of CMOHs in West Bengal

Sl No.	District	CMOH	Contact number	Nodal Officer/ Dy CMOH II	Contact number
1	Purba Bardhaman	Pranab Kumar Roy	9531640518	Jagannath Maji	8444984433
2	Bankura	Dr. Shyamal Soren	9932022393	Nilay Chakraborty	9674695297
3	Birbhum	Dr. Himadri Ari	9434386481	Mrinal Ghosh	7407042843
4	Kochbihar	Sukanta Biswas	9433380438	Koushik Choudhury	9475607562
5	Dakshin Dinajpur	Sukumar Dey	9434055272	Ramesh kisku	9647571019
6	Darjeeling	Tulshi Pramanik	9434337864	Maheswar Muddi	9635379570
7	Hoogly	Rama Bhuiya	9830440222	Sanjoy Roy (acting)	9732817571
8	Howrah	Netai Ch. Mondal	9874518646	Sibasish Das	9830172761
9	Jalpaiguri	Ashim Halder	9434164141	Mridul Ghosh	9874226222

SI No.	District	CMOH	Contact number	Nodal Officer/ Dy CMOH II	Contact number
10	Malda	Papri Nayak	9831602396	Amitava Mondal	7908558289
11	Murshidabad	Sandip Sannyal	9434341874	Partho Pratim Gupta	8967735712
12	Nadia	Swapn Das	9474507330	Asit Dewan	9475869284
13	24 Pargs North	Tapas Ray	9434115672	Suparna Chatterjee	8902187008
14	Pashim Midnapore	Bhuban Ch. Hansda	9932909204	Jaydev Barman	8001937278
15	Purba Midnapore	Bivash Ray	8599967718	Dilip Biswas	9433200804
16	Purulia	Kunal Kanti Dey	8420836745	Swapn Kr. Sarkar	9434161775
17	24 Pargs South	Mukti Sadan Maity	6291048094	AtreyeeChakraborty	8240778141
18	Uttar Dinajpur	Puran Sarma	9800399155	Debashish Ray	9733403141
19	Nandigram Health District	Soumo Shankar Sarangi	9775072018	Sumadra Sengupta	9830836996
20	Paschim Bardhaman	S.M. Yunus	9733033126	Anuruddhya Deb	9732531130
21	Basirhat Health District	Rabiul Islam Gayen	8335999725	Sujoy Bishnu	9434036406
22	Rampurhat Health District	Sovan Dey	9434220944	Prakash Kr. Ray	8100045504
23	Jhargram Health District	Prakash Mirdha	9830402292	Trideep Das	9434314439
24	Diamond Harbour Health District	Debasish Roy	9830612406	Sanali Das	9433783028
25	Bishnupur Health District	Minakshi Maiti	9062541341	Arabinda Halder	9874112845
26	Alipur Duar	Sumit Ganguly	9434811509	Supriyo Choudhury	9433093240
27	Kalimpong	Subrata Ray	9123352540	Prasanta Choudhury	7278345756

9. Contact Numbers of District Disaster Management Officers

SI No	Districts	DDMO Name	DDMO Mobile	DDMO's E-mail ID
1	Alipurduar	Sonali Biswas	7001150751/ 9073936733/ 9434014685	dmsapd20@gmail.com
2	Bankura	Prasenjit Sengupta	9475900087	dmd.bnkura@gmail.com
3	Birbhum	Abdur Razzak Biswas	7384990564	dmd.birsuri@gmail.com
4	Coochbehar	Manojit Das	9073936731	dismancbr@gmail.com
5	Dakshin Dinajpur	Monoj Bandopadhyay	9432579742 7003165648	ddmobalurghat@gmail.com
6	Darjeeling	Rinchen Lamu Sherpa Sabika Lama	9635984365/ 9073936734	ocdmdarj@gmail.com
7	Hooghly	Amiya Ranjan Mandal	7439778596	ddmo.hooghly@gmail.com
8	Howrah	Bandana Guha	9830193381/ 9051968965	ddmo.howrah@gmail.com
9	Jalpaiguri	Sri Krishnapada Raptan	9073936732/ 9874949330	ddmsjal@gmail.com
10	Jhargram	Rabindranath Gayen	9474170491/8017908545	ddmojhar@gmail.com
11	Kalimpong	Sri Prakash Kumar Mridha	9433482919/9123784375	dmskpg2017@gmail.com

SI No	Districts	DDMO Name	DDMO Mobile	DDMO's E-mail ID
12	Malda	Shri Bamdev Sarkel	9932181318/ 9474009760	ddmmaldacell@gmail.com
13	Murshidabad	Kamal Chakraborty	7584911534	drmpmsd@gmail.com
14	Nadia	Prabir Kumar Barai	8481080425/ 9088923649	ddmonadia@gmail.com
15	North 24 Parganas	Shri. Dipankar Halder	9433118044	ddmo4n24pgs@gmail.com
16	Paschim Bardhaman	Abhijit Sarkar	7719357637/ 9830077994	ddmopaschimbdn@gmail.com
17	Paschim Medinipur	Sri Sandip Biswas	9163460173	dmdpaschimmedinipur@gmail.com
18	Purba Bardhaman	Pratik Kumar Bandhopadhy	9073936749/ 8017042950 9474009760	ddmo.burdwan@gmail.com
19	Purba Medinipur	Mrityunjay Halder	8373062399/9830898136	ddmopmdn@gmail.com
20	Purulia	Manoj Kumar Palai	9932952454/7908415016	ddmopurulia@gmail.com
21	South 24 Parganas	Bamapada Kundu	9433114641	south.24pgs.relief@gmail.com
22	Uttar Dinajpur	Liton Biswas	9433879424	disastermanagementud@gmail.com
23	KOLKATA	Mughdha Chakraborty (Disaster Management Professional)	9051312466/ 9330904840	

10. Contact List of State and District EOC in West Bengal:

WEST BENGAL STATE EOC - 1070					
Sl. No.	Districts	Dist. EOC	Sl. No.	Districts	Dist. EOC
1	Alipurduar	035-6425 7091	13	Murshidabad	034-8225 0135
2	Bankura	032-4225 4735	14	Nadia	034-7225 2106
3	Birbhum	034- 6225 5572	15	North 24 Parganas	033-2584 0280/ 2584 6287
4	Coochbehar	035-8222 7114	16	Paschim Burdwan	034-1225 4545
5	Dakshin Dinajpur	035-2225 5020	17	Paschim Medinipur	032- 2227 5894
6	Darjeeling	035-2425-5749	18	Purba Bardhaman	034-2266 5092/ 9933331452
7	Hooghly	033-2681 2652 / 2680 0115	19	Purba Medinipur	032- 2826 2728/ 9073939804
8	Howrah	033-2641 3393/ 2641 3398	20	Purulia	032-5222 3675
9	Jalpaiguri	9073936815/ 035-6122 6022	21	South 24 Parganas	033-2439 9247/ 2479 5029/30
10	Jhargram	032- 2125 8228	22	Uttar Dinajpur	035-2324 6153/ 9433879424
11	Kalimpong	035-5225 6353/ 9123784375	23	Kolkata	033-2286 1414/1313 9831036572
12	Malda	035-1225 2058			

11. List of Zonal Godown:

Sl. No.	Name of Zonal Godown	No. of the Districts	Name of the Districts	Under office of
1.	Siliguri	5	Darjeeling, Kalimpong, Jalpaiguri, Coochbehar, Alipurduar	The Sub Divisional Officer, Siliguri Sub-Division
2.	Malda	4	North & South Dinajpur, Malda, Murshidabad	The District Magistrate, Malda
3.	Bardhaman	7	Purba & Paschim Bardhaman, Birbhum, Bankura, Purulia, Paschim Medinipur, Jhargram	The District Magistrate, Purba Bardhaman
4.	Kolkata (GRS)	7	Kolkata, Howrah, Hooghly, North & South 24 Pgs, Nadia, Purba Medinipur	The Director, Directorate of Disaster Management, Tran Bhavan

12. Contact List of I-Sat Communication in West Bengal:

SI No.	Name of District	GSPS No.	Office Assigned
1	Darjeeling	8991115065	DM, Darjeeling
2		8991115067	SDO, Kurseong
3	Kalimpong	8991115063	DM, Kalimpong
4	Purulia	8991115071	Dm, Purulia
5-6	Purba Medinipur	8991115068 & 8991115324	DM, Purba Medinipur
7-8	North 24 Parganas	8991115070 & 8991124195	DM, North 24 Parganas
9	Murshidabad	8991115072	DM, Murshidabad
10	Paschim Burdwan	8991115062	DM, Paschim Burdwan
11	Birbhum	8991115073	DM, Birbhum
12	Nadia	8991115069	DM, Nadia
13	Hooghly	8991115066	DM, Hooghly
14	South 24 Parganas	8991115064	SDO, Kakdwip
15		8991124194	DM, South 24 Parganas
16	Alipurduar	8991115331	DM, Alipurduar
17	Jalpaiguri	8991115327	DM, Jalpaiguri
18	Coochbehar	8991115329	DM, Coochbehar
19	Uttar Dinajpur	8991115328	DM, Uttar Dinajpur
20	Dakshin Dinajpur	8991115330	DM, Dakshin Dianajpur
21	Malda	8991115326	DM, Malda
22	Purba Bardhaman	8991115325	DM, Purba Bardhaman
23	Bankura	8991115333	DM, Bankura
24	Paschim Medinipur	8991115323	DM, Paschim Medinipur
25	Jhargram	8991115322	DM, Jhargram
26	Howrah	8991115336	DM, Howrah
27	Kolkata	8991115335	KMC
28-29	DG, West Bengal Police	8991115060 & 8991115061	Director Security
30-33	Civil Defence Wing	8991115059	DG
		8991124196/8991124197/8991124198	Deputy Controller
34	DoDM& CD	8991115334	Principal Secretary
35-41		8991115058/8991115332/8991124199/8991124200/8991124201/8991124202/8991124203	SEOC

ANNEXURE IV:

List of MPCS/Flood Shelters/Relief Godowns/Air dropping points:

NORTH 24 PARGANAS

List of Multi Purpose Cyclone Shelter:

Sl. No.	Name of MPCS	Name of the project	Location			Latitude	Longitude
			District	Block	Gram Panchayat		
1	Srimanta Jublee H S School, Bhurkunda	PMNRF	North 24 Parganas	Hasnabad	Bhawanipur-I	22°31'31"9	88°55'40"5
2	Harikati Junior Basic School	PMNRF		Hasnabad	Harikati Makhalgachha	22°33'33"0	88°55'40"5
3	Rameswarpur Union Adarsha Vidyalaya Ground	NCRMP-II		Hasnabad	Barunhat-Rameswarpur	22°32'72"	88°56'83"
4	Rajapur High School Field	NCRMP-II		Hasnabad	Murarisha	22°33'57'	88°50'59"
5	Patlikhanpur Upo Swasthya Kendra (Sub-Health Centre Ground)	NCRMP-II		Hasnabad	Patlikhanpur	22°31'06"	88°56'12"
6	Muragacha ICDS	NCRMP-II		Hasnabad	Makhalgacha	22°34'97"	88°53'09"
7	Sulkuni Jogendra Maity Sadharan Vidyamandir Ground	NCRMP-II		Hasnabad	Bhawanipur-I	22°32'37"	88°53'35"
8	Haridashkathi Primary School	PMNRF		Hingalgunj	Kalitala	22° 13.559'	89° 01.835'
9	Samshernagar High School	PMNRF		Hingalgunj	Kalitala	22° 11.446'	89° 03.634'
10	Adibasi F P School, Kumirmari	PMNRF		Hingalgunj	Rupamari	22° 24.854'	88° 54.697'
11	Uttar Banstala, Care of Anath Mandal	PMNRF		Hingalgunj	Rupamari	22° 24.738'	88° 56.027'
12	Charalkhali Siksa Bhavan	PMNRF		Hingalgunj	Sahebkhali	22° 18.912'	88° 58.665'
13	Sandelerbill Hospital (BPHC)	NCRMP-II		Hingalgunj	Sandelerbill	22°26'82"	88°58'13"
14	Uttar Parghumti Barna Parichay SSK	NCRMP-II		Hingalgunj	Kalitala	22°14'42"	89°01'01"
15	Kalitala High School	NCRMP-II		Hingalgunj	Kalitala	22°14'05	89°01'15"
16	Bhandarkhali Dwijabar FP School	NCRMP-II		Hingalgunj	Dulduli	22°25'46"	88°58'42"
17	Hemnagar High School	NCRMP-II		Hingalgunj	Jogeshgunj	22°13'25"	88°57'29"
18	Halda Banstala Gobardhan Vidyapith	NCRMP-II		Hingalgunj	Rupamari	22°24'32"	88°55'40"
19	Dakshin Rupamari FP School	NCRMP-II		Hingalgunj	Rupamari	22°25'34"	88°56'45"

Sl. No.	Name of MPCs	Name of the project	Location			Latitude	Longitude
			District	Block	Gram Panchayat		
20	Bishpur High School	NCRMP-II		Hingalgunj	Bishpur	22°28'67"	88°55'74"
21	Bankra Dobor MPCs	NCRMP-II		Hingalgunj	Sandelerbill	22°25'46"	88°58'42"
22	Jogeshgunj High School	NCRMP-II		Hingalgunj	Jogeshgunj	22°15'40"	88°59'01"
23	Madhabkati Jr. Basic School	NCRMP-II		Hingalgunj	Madhabkathi	22°14'05"	89°01'15"
24	Uchildagarh Primary School, Atpukur	PMNRF		Minakhan	Atpukur	22°51'96"1	88°73'93"9
25	Bamanpukur SMS High School, Kaushangra	PMNRF		Minakhan	Bamampukur	22°50'63"2	88°73'39"1
26	Fulbari Primary School	PMNRF		Minakhan	Fulbari	22°57'94"3	88.79'15"4
27	Baruni Chetana Kendra ICDS	NCRMP-II		Minakhan	Atpukur	22°36'32"	88°36'32"
28	Karanjatala Subhasini Vidyapith	NCRMP-II		Minakhan	Atpukur	22°32'19"	88°43'16"
29	Chaital Pallimangal High School Ground	NCRMP-II		Minakhan	Chaital	22°51'77"	88°07'08"
30	Mallickgheri MSK Ground	NCRMP-II		Minakhan	Mallickgheri	22°32'59"	88°56'52"
31	Ghoshpur Akshay High School	PMNRF		Sandeshkhali-I	Ghatiara	22.398793	88.818073
32	Fulmani Adarsha Vidyamandir, Rajbari	PMNRF		Sandeshkhali-I	Hatgachi	22.454277	88.879011
33	Kalinagar College	PMNRF		Sandeshkhali-I	Kalinagar	22.43043	88.865766
34	Dakshin Akartala, Rabindra Shiksha Niketan	PMNRF		Sandeshkhali-I	Dakshin Akartala	22.448432	88.853885
35	Agarhati Gourhari High School, Lowkhali	PMNRF		Sandeshkhali-I	Sarberia Agarhati	22.408392	88.787133
36	Lowkhali Ahamedia MSK	NCRMP-II		Sandeshkhali-I	Sarberia Agharhati	22°24'14"	88°45'60"
37	Bholakhali F.P. School	NCRMP-II		Sandeshkhali-I	Sehara-Radhanagar	22°23'83"	88°53'91"
38	Boyerhari Parsemari Birsha Munda M.S.K.	NCRMP-II		Sandeshkhali-I	Nazat	22°29'47"	88°49'50"
39	Chhato Sehara High School (H.S.)	NCRMP-II		Sandeshkhali-I	Sehara-Radhanagar	22°25'16"	88°53'87"
40	Dheknamari DA Vidyapith (H.S.)	NCRMP-II		Sandeshkhali-I	Boyerhari-I	22°27'17"	88°46'79"
41	Jhanjhanaria F.P. School	NCRMP-II		Sandeshkhali-I	Kalinagar	22°26'26"	88°48'45"
42	Kanmari Jr. Basic School.	NCRMP-II		Sandeshkhali-I	Hatgachi	22°25'09"	88°47'38"

Sl. No.	Name of MPCS	Name of the project	Location			Latitude	Longitude
			District	Block	Gram Panchayat		
43	Uttar Mathbari F.P. School	NCRMP-II		Sandeshkhali-I	Boyermari-I	22°29'09"	88°45'24"
44	Nityaberia Jr. High School	NCRMP-II		Sandeshkhali-I	Sehara-Radhanagar	22°50'91"	88°54'20"
45	Radhanagar Majherpara F.P. School	NCRMP-II		Sandeshkhali-I	Sehara-Radhanagar	22°25'99"	88°53'29"
46	South Ghoshpur F.P. School	NCRMP-II		Sandeshkhali-I	Kalinagar	22°26'15"	88°51'18"
47	Jeলেখালি High School, Jhupkhali	PMNRF		Sandeshkhali-II	Jhupkhali	22°41'43"	88°85'10"1
48	Khulna P C Laha High School	PMNRF		Sandeshkhali-II	Khulna	22°35'10"4	88°90'59"8
49	Atapur Kenaram High School	PMNRF		Sandeshkhali-II	Atapur	22°31'28"1	88°91'12"9
50	Radharani High School, Dwarirjangle (BDO office)	PMNRF		Sandeshkhali-II	Dwarirjangle	22°35'71"6	88°42'9"
51	Uttamchand Vidyapith, Bowthakurani Tongtala	PMNRF		Sandeshkhali-II	Tongtala	22°38'58"	89°91'12"9
52	Bermajur Adibasi F. P. School (Hatkhola)	NCRMP-II		Sandeshkhali-II	Bermajur-I	22°41'45"	88°85'09"
53	Rampur Jr. Basic School	NCRMP-II		Sandeshkhali-II	Bermajur-II	22°33'76"	88°82'21"
54	Tushkhali F.P. School (Kachharipara)	NCRMP-II		Sandeshkhali-II	Korakati	22°33'76"	88°89'29"
55	Korakati High School (Uttar)	NCRMP-II		Sandeshkhali-II	Korakati	22°29'65"	88°85'90"
56	Paschim Monipur F.P.	NCRMP-II		Sandeshkhali-II	Monipur	22°28'16"	88°90'99"
57	DTD Sahid Smiriti High School	NCRMP-II		Sandeshkhali-II	Durgamandap	22°31'63"	88°87'07"
58	Gabberia Gour Sadar SSK (Barun Para)	NCRMP-II		Sandeshkhali-II	Durgamandap	22°32'52"	88°86'73"
59	Dwarirjantal Banamali Vidyapith	NCRMP-II		Sandeshkhali-II	Sandeshkhali	22°36'50'	88°89'62"
60	Jeliakhali Vivekananda Vidyapith	NCRMP-II		Sandeshkhali-II	Jeliakhali	22°35'77"	88°83'78"
61	South Khulna F.P. School	NCRMP-II		Sandeshkhali-II	Khulna	22°33'22"	88°92'73"
62	Sitalia High School	NCRMP-II		Sandeshkhali-II	Khulna	22°33'29"	88°33'29"
63	Hatgachha KCA Institution	NCRMP-II		Sandeshkhali-II	Khulna	22°36'22"	88°94'79"

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Katra Ancher Adarsha Vidyapith	North 24 Parganas	Barasat - I	Kotra	22°44'	88°33'
2	RudrapurKashipur Flood Shelter		Habra – I	Kumra	22°48'51"	88°42'02"
3	Kumra Flood Shelter		Habra – I	Kumra	22°48'51"	88°42'33"
4	Baogachi Flood Shelter		Habra – I	Masalandapur - II	22°50'13"	88°43'06"
5	Kuchlita Flood Shelter		Habra - I	Bergrom - I	22°52'24"	88°44'38"
6	Chakla Flood Shelter		Deganga	Chakla	22°45'39"	88°41'51"
7	Chowrashi Flood Shelter		Deganga	Chowrashi - I	22°73'35"	88°44'24"
8	Kolksur Flood Shelter		Deganga	Kolsur	22°48'33"	88°44'24"
9	Bagi Flood Shelter		Bagdah	Asharu	23°13'86"	88°87'28"
10	Jitpur Flood Shelter		Bagdah	Ranaghat	23°22'79"	88°85'74"
11	Mahanadapara Flood Shelter		Bagdah	Kaniara - I	23°14'80"	88°77'35"
12	Meherani Flood Shelter		Bagdah	Boyar	23°19'22"	88°94'91"
13	Paschim Kumarkola Flood Shelter		Bagdah	Helencha	23°18'17"	88°83'26"
14	Parmadan Flood Shelter		Bagdah	Sindrani	23°19'25"	88°76'68"
15	Purdah Flood Shelter		Bagdah	Ranaghat	23°20'78"	88°85'12"
16	Choatia Panchmile Flood Shelter		Bagdah	Kaniara - II	23°21'34"	88°78'97"
17	AmbikapurMadudpur F.P School		Bongaon	Ganganandapur	23°13'17"	88°75'44"
18	Alakalipur F.P School		Bongaon	Gopalnagar - I	23°08'43"	88°77'02"
19	Kundipur Akhando Shishu Gnan Mandir		Bongaon	Ganrapota	23°13'03"	88°81'81"
20	Ramsankarpur F.P School		Bongaon	Palla	23°99'55"	88°74'38"
21	Chalki F.P School		Bongaon	Gopalnagar - II	23°05'60"	88°79'84"
22	Charuigachhi F.P School		Bongaon	Ghatbaor	23°09'46"	88°86'83"
23	Sanekpur F.P School		Bongaon	Bairampur	23°05'28"	88°74'45"
24	Khedapara F.P School		Bongaon	Gangrapota	23°13'09"	88°81'81"
25	Savaipur F.P School		Bongaon	Dharmapukuria	23°09'77"	88°79'94"
26	PurbaArshingiri F.P School		Bongaon	Tangra	23°11'36"	88°85'93"
27	Protapnagar F.P School		Bongaon	Kalupur	23°01'20'	88°83'66"
28	Angra Colony S.C. F.P School		Bongaon	Sundarpur	23°11'52"	88°86'67"
29	Byapur High School		Bongaon	Akaipur	23°5'	88°43'
30	Belta High School		Bongaon	Palla	23°4'	88°83'
31	Jhowdanga Sanmilani High School		Gaighata	Jhowdanga	22°94'82"	88°85'52"
32	Chawk Jhowdanga Primary School		Gaighata	Ramnagar	22°94'26"	88°96'33"
33	Ichhapur Purbapara F.P School		Gaighata	Ichhapur – I	22°89'96"	88°73'56"

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
34	Kalanchi Flood Shelter	Bardhaman	Gaighata	Ramnagar	22°89'93"	88°89'30"
35	Bishnupur Flood Shelter		Gaighata	Sutia	22°90'35"	88°78'76"
36	Boyerghata Flood Shelter		Swarupnagar	BaltiNityanandakathi	22°49'27"7	88°55'47"6
37	Dobila Flood Shelter		Swarupnagar	Koijuri	22°81'48"	88°83"
38	Molladanga Flood Shelter		Swarupnagar	Charghat	22°85'07"	88°80'24"
39	Taranipur Jr high School		Swarupnagar	Gobindapur	22°53'29"0	88°52'82"6
40	Nischintapur Primary School		Swarupnagar	Gobindapur	22°52'41"1	88°51'26"7
41	Molopara Flood Shelter		Swarupnagar	Swarupnagar Banglani	22°81'48"	88°83'28"
42	Flood Shelter at office premises		Baduria Municipality	N/A	22°43'	88°47'
43	Nayabastia Flood Shelter		Baduria	Nayabastiya	22°57'	88°64'
44	Media High School Flood Shelter		Baduria	Nayabastiya	22°55'	88°62'
45	Belgharia Haricharan High School		Baduria	Aturia	22°51'	88°61'
46	Madra Hazer Ali Smriti Vidyapith		Baduria	Bagjola	22°45'	88°45'
47	Katiahat B.K.A.P Institution		Baduria	Aturia	22°71'	88°84'
48	Dakshin Bagundi P.L High School		Basirhat - I	Sankchura Bagundi	22°61'38"	88°93'18"
49	Dakshin Bagundi F.P School		Basirhat - I	Sankchura Bagundi	22°61'52"	88°93'05"
50	Gachha Anchal High School		Basirhat - I	Gachha Akharpur	22°69'05"	88°90'82"
51	Itinda F.P School		Basirhat - I	Itinda Panitor	22°67'52"	88°91'66"
52	Dhalthitha F.P School		Basirhat - I	Sankchura Bagundi	22°67'52"	88°91'66"
53	Dakshin Devipur F.P School		Basirhat - II	Rajendrapur	22°62'98"	88°83'2"
54	Brahmananda Vidya Bhaban		Basirhat - II	Ghorash Kulingram	22°67'85"	88°79'31"
55	Jhuruli Adarsha Vidyapith		Basirhat - II	Rajendrapur	22°59'	88°79'
56	Premises of Sulkuni Yogengra Maity Vidya Mandir		Hasnabad	Bhabanipur - I	22°32'39"	88°53'37"
57	Premises of Mahishpukur High School		Hasnabad	Patlikhanpur	22°35'18"	88°55'69"
58	Premises of Barunhat Jr. Basic School		Hasnabad	Barunhat Rameshwarpur	22°30'76"	88°56'46"
59	Premises of Hasnabad Panchayat Samity		Hasnabad	Amlani	22°35'18"	88°48'18"
60	Premises of Garakupi High School		Hasnabad	Murarisha	22°35'17"	88°48'17"
61	Premises of Kumarpukur High School		Hasnabad	Makalgacha	22°34'89"	88°54'38"

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
62	Premises of the Block Development Officer Hasnabad		Hasnabad	Amlani	22°35'18"	88°48'18"
63	Amlani Haripur Campus		Hasnabad	Amlani	22°33'66"	88°54'80"
64	Nebukhali		Hingalgunj	Dulduli	22°00'61"	88°01'59"
65	Swarupkhali		Hingalgunj	Dulduli	22°00'7"	88°01'6"
66	Samshernagar		Hingalgunj	Kalitala	22°00'34"	88°00'07"
67	Madhabkati		Hingalgunj	Jogeshgunj	22°00'43"	88°01'60"
68	Bishpur Hatkhola		Hingalgunj	Bishpur	22°00'8"	88°01'50"
69	Durgapur		Hingalgunj	Bispur	22°00'80"	88°01'50"
70	Bholakhaki Adibashi Sikshanikatan		Sandeshkhali - I	S/Radhanagar	22°23'75"	88°53'81"
71	Choto Sehera High School		Sandeshkhali - I	S/Radhanagar	22°25'16"	88°53'76"
72	Kalinagar High School		Sandeshkhali - I	Kalinagar	22°26'20"	88°51'26"
73	Nazat Netaji Vidyamdir High School		Sandeshkhali - I	Nazat - II	22°28'28"	88°49'41"
74	D/ Akharatala Rabindra Siksha Niketan High School		Sandeshkhali - I	Nazat - II	22°26'92"	88°51'10"
75	Uttar Boyermari Adibashi F.P School		Sandeshkhali - I	Nazat - II	22°29'91"	88°48'73"
76	Dekhnamari Damodar Adibashi High School		Sandeshkhali - I	Boyermari - I	22°27'42"	88°46'71"
77	Boyermari Flood Shelter		Sandeshkhali - I	Boyermari - II	22°26'13"	88°45'24"
78	Hatgachi Ramkrishna Vidyapith High School		Sandeshkhali - I	Hatgachi	22°26'01"	88°49'10"
79	Rajbari Flood Shelter		Sandeshkhali - I	Hatgachi	22°24'73"	88°47'33"
80	Agarhati Gourhari Vidyapith High School		Sandeshkhali - I	S/Agarhati	22°24'57"	88°46'98"
81	Bansberia F.P School		Sandeshkhali - I	Nazat - I	22°26'47"	88°48'96"
82	Provas Ray High School		Sandeshkhali - I	Nazat - I	22°28'60"	88°48'37"
83	Dwarrirjangal G.S		Sandeshkhali - II	Sandeshkhali	22°35'62"	88°88'52"
84	B.D.O office Premises		Sandeshkhali - II	Sandeshkhali	22°35'71"	88°42'9"
85	Jeliakhali G.P office Premises		Sandeshkhali - II	Jeliakhali	22°19'59"	88°50'54"
86	Durgamandap Sadar Para F.P School		Sandeshkhali - II	Durgamandap	22°30'67"	88°84'92"
87	Monipur G.P office Premises		Sandeshkhali - II	Monipur	22°28'17"	88°90'89"
88	AtapurKenaram High School		Sandeshkhali - II	Monipur	22°31'28"	88°89'37"
89	Shitalia High School		Sandeshkhali - II	Khulna	22°32'63"	88°93'13"
90	Basirhat Sub-Division Headquarter		Sub Division HQS	N/A	22°39'46"	88°52'20"
91	Chakerbhery Pry. School under Bidhannagar Municipal Corporation		Sub Division HQS	N/A	22°33'06"	88°26'75"

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
1	Hingalganj High School Ground	North 24 Parganas	Hingalgunj	22°28'00"	88°59'15"
2	Kanaknagar High School Ground		Hingalgunj	22°27'00"	88°57'40"
3	Bishpur High School Ground		Hingalgunj	22°28'05"	88°56'40"
4	Uttar Rupmari High School Ground		Hingalgunj	22°25'50"	88°56'10"
5	Dulduli High School Ground		Hingalgunj	22°21'30"	88°58'30"
6	Sahebkhali High School Ground		Hingalgunj	22°19'30"	88°59'00"
7	Jogeshganj High School Ground		Hingalgunj	22°15'00"	88°57'30"
8	Kalitala High School Ground		Hingalgunj	22°13'40"	89°01'30"
9	Bamanpukur H. Kabir Mahavidyalaya		Minakhan	22.30'87"7	88.42'74"9
10	Bachara M.C.H. High School		Minakhan	22.51'93"	88.76'49"
11	Uchildaha Gar F.P. School		Minakhan	22.53'35"	88.74'12"
12	Hasnabad Football Ground		Hasnabad	22°33'81"	88°55'14"
13	Barunhat Sagnik Maidan		Hasnabad	22°31'08"	88°57'57"
14	Chakpatli Football Ground		Hasnabad	22°31'28"	88°56'15"
15	Bhebia Football Ground Bhebia		Hasnabad	22°33'23"	88°49'33"
16	Rajapur Football Ground Murarisha		Hasnabad	22°33'53"	88°50'54"
17	S.J. Institution Football Ground Bhowanipur-1		Hasnabad	22°31'29"	88°52'20"
18	Central Model High School Ground Bhowanipur -2			22°29'77"	88°52'89"
19	Kumarpukur High School Ground Makhalgachha		Hasnabad	22°35'25"	88°52'35"
20	TokipurRajlaxmi High School Ground. Amlani		Hasnabad	22°34'86"	88°54'38"
21	Taki Ariyan Club Football Ground Taki Municipality		Hasnabad	22°35'17"	88°55'62"
22	Sarberia HS Ground		Sandeshkhali-I	22°37'35"	88°78'82"
23	Chhoto Sehara HS Ground		Sandeshkhali-I	22°41'94"	88°89'78"
24	Kalinagar HS Ground		Sandeshkhali-I	22°43'68"	88°85'78"
25	Nazat Rice Mill Ground		Sandeshkhali-I	22°44'52"	88°84'76"
26	Bermajur Hatkhola Football Ground		Sandeshkhali-II	22°41'45"	88°85'09"
27	Hatgachha KCA Inst. Football Ground		Sandeshkhali-II	22°36'22"	88°94'79"
28	Korakati High School Football Ground		Sandeshkhali-II	22°29'63"	88° 85'92"
29	Promad Dasgupta High School		Sandeshkhali-II	22°37'40"	88°82'96"
30	Mission Football Ground		Sandeshkhali-II	22°36'54"	88°88'05"
31	Jeliakhali Vivekananda Vidyapith(HS) Football Ground, JL No. 46		Sandeshkhali-II	22.33'77"	88.83'79"
32	Sukdoani Refugee High School Football Ground, JL No. 47		Sandeshkhali-II	22.37'02"	88.84'98"

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
33	Daudpur HL Sikshaniketan Football Ground, JL No.45		Sandeshkhali-II	22.28'98"	88.83'57"
34	Amtali Joygopalpur High School Football Ground, JL No. 53		Sandeshkhali-II	22.25'21"	88.89'61"
35	Keotsha High School		Baduria	22°48'21"	88°48'48"
36	Mandra Hazerali Smriti Vidyapith		Baduria	22°47'59"	88°45'03"
37	SafirabadShyamacharan Ghosh High School		Baduria	22°43'08"	88°53'38"
38	Belgoria Haricharan High School		Baduria	22°43'57"	88°41'05"
39	Baduria L M S High School		Baduria	22°43'34"	88°47'19"
40	Khaspur F.P. School		Baduria	22°47'36"	88°50'56"
41	Shibati High School Ground		Basirhat-I	22°41'50"	88°53'20"
42	Gachha Benebou Football Ground		Basirhat-I	22°42'15"	88°55'30"
43	Itinda Union High School Ground		Basirhat-I	22°40'10"	88°55'10"
44	Pifa Football Ground		Basirhat-I	22°36'00"	88°50'15"
45	Gotra Junior High School Ground		Basirhat-I	22°37'15"	88°52'53"
46	Golaichandi Football Ground		Basirhat-I	22°37'40"	88°54'20"
47	BSSA Ground		Basirhat-I	22°39'62"	88°52'46"
48	Shikra Kulingram Football Ground		Basirhat-II	22°40'25"	88°47'35"
49	Haroa P.G High School Football Ground		Haroa	22°60'85"	88°68'11"
50	Bagangram F.P. School Ground		Bangaon	22°08'10"	88°52'40"
51	Tangra High School Ground		Bangaon	22°07'10"	88°50'40"
52	Tangra S.K.U.S. Ground		Bangaon	22°08'40"	88°52'10"
53	Ganrapota High School Ground		Bangaon	22°08'20"	88°48'50"
54	Chanda High School Ground		Bangaon	22°06'30"	88°49'45"
55	Ghatbaor A.A. Vidyalaya Ground		Bangaon	22°08'20"	88°48'05"
56	Rakhaldas High School Ground		Bangaon	23°03'00"	88°50'50"
57	Gopalnagar Haripada Institution Ground		Bangaon	23°3'35"	88°45'30"
58	Palla High School Ground		Bangaon	23°02'05"	88°44'40"
59	Nahata College Ground		Bangaon	22°59'10"	88°42'20"
60	Kalupur Panchpota High School Ground		Bangaon	23°01'10"	88°45'25"
61	Bairampur High School Ground		Bangaon	23°03'10"	88°43'45"
62	Milansangha Club Ground		Gaighata	88°46'57"	22°58'
63	Kalasima Swami Vivekananda High School Ground		Gaighata	88°41'	22°53'
64	Sutia Pally Mongal High School Ground		Gaighata	88°82'3"	22°91'1"
65	Panch Pota Varadanga High School Ground		Gaighata	88°85'6"	22°91'68"
66	Ghonja High School Ground		Gaighata	88°41'2"	22°56'
67	Gaighata High School Ground		Gaighata	88°44'	22°56'

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
68	Jhowdanga Sammilani High School		Gaighata	88°85'	22°94'
69	Beri Gopalpur Adarsha High School Ground		Gaighata	88°87'9"	22°89'6 "
70	Royal Park Stadium under Mohanpur GP		Barrackpore-II	22°45'98''	88°23'48''
71	Dharampur Play Ground		Barrackpore-I	22°55'51"	88°29'6''
72	Panpur Makhanlal Playground		Barrackpore-I	22°51'26''	88°26'1''
73	Tegharia Sashi Bhusan High School Play Ground		Barrackpore-II	22°41'69''	88°25'01''
74	Royal Park Stadium under Mohanpur GP		Barrackpore-II	22°45'98''	88°23'48''
75	Chowrashi High School Ground		Deganga	22°43'32"	88°41'53"
76	Kolsur Balika Vidyalaya ground		Deganga	22°45'44"	88°43'47"
77	Chaturdas Pally High School		Habra II	22°88'58"	88°60'69"
78	Bhurkunda N. B. Prathamik Vidyalay		Habra II	22°86'87"	88°59'07"
79	Maslandapur Bhudeb Smriti Balika Vidyalaya (H.S)		Habra I	22°83'54"	88°73'45"
80	Anowarberia Jr. High School		Habra I	22°81'71"	88°62'81"
81	Rajballavpur High School		Habra I	22°84'64"	88°74'17"
82	Ganadipayan Lalbahadur Smriti Vidyapith		Habra I	22°87'34"	88°68'38"
83	Jhanjhania Metiagacha Junior High School		Habra I	22°88'91"	88°73'84"
84	Baugachhi Kashibala Vidyapith		Habra I	22°84'04"	88°71'81"
85	Lakhimpur Swamiji Seva Sangha High School(H.S)		Habra I	22°78'83"	88°59'18"
86	Dakshin Nangla K. U. Institution (H.S)		Habra I	22°81'57"	88°70'00"
87	Kumra Kashipur Jr High School		Habra I	22°81'18"	88°71'66"
88	Atulia Netaji Adarsha Vidyapith		Habra I	22°80'88"	88°64'28"
89	Bishnupur Play Ground		Rajarhat	22°62'	88°50'
90	Sadhanpur Uludanga T.R. High School Ground		Amdanga	22°50'51"	88°31'41"

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Border Security Force (BSF)		Commandant BSF	9434737964
2	Central Industrial Security Force (CISF)	NSCBI Airport	Commandant CISF, NSCBI Airport	9073912066
3	Sarashtra Seema Bal (SSB)	Amdanga	Commandant SSB 63rd Batallion	8334019888
4	NDRF	Kaikhali	Assistant Commandant NDRF NDRF Control Room	98301 69859 94741 16775 033 2951 6718

SOUTH 24 PARGANAS

List of Multi Purpose Cyclone Shelter:

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

Sl. No.	Name of MPCs	Name of the project	Location			Lat	Long
			District	Block	Gram Panchayat		
25	Rajnagar Srinathgram Jr. Basic School	ICZMP		Namkhana	Budakhali	21°80'72"N	88°21'91"E
26	Rakhaskhali High School	NCRMP-II		Patharpratima	Brajaballavpur	21.75069	88.37786
27	Mayrarchak Haripada high School	NCRMP-II		Patharpratima	Dk.Gangadharpur	21.97563	88.3447
28	Meharpur Tulashi Rani Smriti Vidyapith	NCRMP-II		Patharpratima	S/ Purnachandrapur	21.94677	88.33896
29	Punachandrapur Chandmoni Sikshabhaban	NCRMP-II		Patharpratima	S/ Purnachandrapur	21.91392	88.3415
30	Kamdevpur Snehabala Milan Vidyapith	NCRMP-II		Patharpratima	Achintyanagar	21.83053	88.42484
31	Purba Banashyamnagar F.P.S.	NCRMP-II		Patharpratima	Banashyamnagar	21.78925	88.43127
32	Bhagbatpur Digambari F.P.S (Ramkrishna F.P. School)	NCRMP-II		Patharpratima	Patharpratima	21.74915	88.32389
33	Kishorinagar F.P.S	NCRMP-II		Patharpratima	Patharpratima	21.74172	88.33323
34	Madhabnagar F.P.S.	NCRMP-II		Patharpratima	Patharpratima	21.78131	88.3446
35	J-Plot Purba Surendranagar F.P.S.	NCRMP-II		Patharpratima	Herambagopalpur	21.86981	88.46638
36	Sukanta Najrul MSK (Indranarayanpur F.P. School)	NCRMP-II		Patharpratima	Digambarpur	21.90542	88.37662
37	Paschim Surendranagar F.P.S (Adarsha Banipith High School)	NCRMP-II		Patharpratima	Durbachati	21.80336	88.28979
38	Kakdwip Birendra Vidyaniketan (Kakdwip Govt. Sponsored Ashram Type High School For Girls')	NCRMP-II		Kakdwip	Swami Vivekananda	21.916467	88.236284
39	Amar Sridam Milan Vidyamandir	NCRMP-II		Kakdwip	Ramgopalpur	21.87356	88.37299
40	Akshaynagar Kumar Narayan Madyamik Shikshayan	NCRMP-II		Kakdwip	Swami Vivekananda	21.8573	88.19696
41	Bamanagar Subala High School	NCRMP-II		Kakdwip	Rishi Bankim Chandra	21.83087	88.25758
42	Manik Nagar Surendra Nath High School at present 13 no Chandipur Bazar	NCRMP-II		Kakdwip	Bapuji Gram Panchayat	0	0
43	Chintamanipur Balika Vidyalay (Jr. High School)	NCRMP-II		Kakdwip	Rabindra	21.88286	88.29528
44	Manmathapur Siksha Bhavan High School	NCRMP-II		Kakdwip	Rabindra	21.87084	88.26576
45	Uttar Kasiabad Sri Krishna Chaitanya Nimna Madyamik Vidyalay	NCRMP-II		Kakdwip	Ramgopalpur	21.89842	88.35089

Sl. No.	Name of MPCs	Name of the project	Location			Lat	Long
			District	Block	Gram Panchayat		
46	Shibkalinagar Ishan Memorial High School	NCRMP-II		Kakdwip	Madhusudanpur	21.93586	88.18296
47	Kantamari Chudamoni High School	NCRMP-II		Kultali	Deulbari Debipur	22.02324	88.58493
48	Baikunthapur High School	NCRMP-II		Kultali	Maipith Baikunthapur	21.8896	88.51638
49	Madhya Purba Gurguria Adarsha Vidyapith	NCRMP-II		Kultali	Gurguria Bhubaneswari	21.98632	88.55633
50	Panchuakhali High School	NCRMP-II		Kultali	Kundakhali Godabar	22.16982	88.58403
51	Sankijahan F.P. School	NCRMP-II		Kultali	Gopalgunj	22.05707	88.58502
52	Debipur Karunamoyee Girls' High School	NCRMP-II		Kultali	Gurguria Bhubaneswari	21.95557	88.5335
53	Kumrapara Delwara Hossain Vidyapith	NCRMP-II		Math-II	Kumrapara	21.96723	88.43395
54	Narendrapur Milon Vidyapith	NCRMP-II		Math-II	Nandakumarpur	21.95918	88.43175
55	Subhas Nagar High School	NCRMP-II		Math-II	Dighirpar Bakultala	22.01002	88.38813
56	Nagendrapur Hemanta Kumari High School	NCRMP-II		Math-II	Nagendrapur	21.92501	88.48498
57	Nikunja Bihari F.P School (Jogendrapur Nimna Buniadi Vidyalaya)	NCRMP-II		Math-II	Kankandighi	21.98923	88.48149
58	Bijoybati Parvartah FP School	NCRMP-II		Namkhana	Freserganj	21.57867	88.25827
59	Near Nabin F P School	NCRMP-II		Namkhana	Shibrampur	21.76995	88.23151
60	Narayanpur 4th Gheri FP School (Near 4th Gheri Pragati Sangha)	NCRMP-II		Namkhana	Narayanpur	21.761	88.26525
61	DK. Chandanpiri FP School	NCRMP-II		Namkhana	Haripur	21.66711	88.29339
62	Kusumtala Paschim Madhya FP School (Shibalaya)	NCRMP-II		Namkhana	Moushuni	21.66316	88.20533
63	Baliara FP School	NCRMP-II		Namkhana	Moushuni	21.64278	88.21233
64	Fatikpur Rishi Bankim SSK	NCRMP-II		Namkhana	Budhakhali	21.81267	88.2511
65	Patibunia Nanigopal FP School	NCRMP-II		Namkhana	Shibrampur	21.61307	88.23094
66	Paikbar F.P School	NCRMP-II		Namkhana	Namkhana	21.76995	88.23132
67	Sarbadoy Ghola Para F.P School	NCRMP-II		Namkhana	Narayanpur	21.79792	88.2148
68	Krishnanagar Soudamini Balika Vidyalaya	NCRMP-II		Sagar	Muriganga-II	21.7884	88.1031
69	Sikarpur F.P School	NCRMP-II		Sagar	Muriganga-I	21.81271	88.1635
70	Radhakrishnapur High School	NCRMP-II		Sagar	Rudranagar	21.69176	88.06604
71	Harinbari Yudhistir Sikshayatan	NCRMP-II		Sagar	Ramkarchar	21.7497	88.029

Sl. No.	Name of MPCS	Name of the project	Location			Lat	Long
			District	Block	Gram Panchayat		
72	Sundarban Janakalyan sangha Vidyarniketan	NCRMP-II		Sagar	Rudranagar	21.72312	88.10163
73	Prasadpur Atal Vidyabhaban	NCRMP-II		Sagar	Dhablat	21.64557	88.10671
74	Dakshin Sagar Banitirtha High School	NCRMP-II		Sagar	Gangasagar	21.6758	88.05803
75	Gobindapur Tarachand High School	NCRMP-II		Sagar	D.S-II	21.98883	88.15592
76	Fulbari Sitala High School	NCRMP-II		Sagar	M.G-I	21.86221	88.12874
77	Muriganga F.P. School	NCRMP-II		Sagar	M.G-I	21.82615	88.1635
78	Sonakhali High School	NCRMP-II		Basanti	RC Khali	22.227	88.697
79	Sree Sree Ramakrishna Siksha Niketan	NCRMP-II		Basanti	Charavidya	22.326	88.771
80	3 no Garanbose FP School	NCRMP-II		Basanti	Bharatgarh	22.03687	88.66854
81	4 no GSFP School	NCRMP-II		Basanti	Jharkhali	22.036	88.668
82	19 no Radharanipur FP School	NCRMP-II		Basanti	Jyotishpur	22.11106	88.71651
83	SK Para FP School	NCRMP-II		Basanti	RC Khali	22.205	88.725
84	Sarkarpara FP School	NCRMP-II		Basanti	Fulmalancha	0	0
85	Kalahazra High School	NCRMP-II		Basanti	RC Khali	22.24235	88.74644
86	Uttar Sonakhali State Plan FP School	NCRMP-II		Basanti	Uttar Mokamberia	22.23706	88.69447
87	Bhangankhali FP School	NCRMP-II		Basanti	Kanthalberia	22.28293	88.68853
88	Harekrishnapur CSFP School	NCRMP-II		Basanti	Jyotishpur	22.15497	88.74476
89	Naliyakhali FP School	NCRMP-II		Basanti	Uttar mokamberia	22.25672	88.66658
90	Gopalkata Jelepara High School	NCRMP-II		Gosaba	Pathankhali	22.13547	88.5115
91	Taranagar B.T.C. Vidyamandir	NCRMP-II		Gosaba	R.T.Nagar	22.14118	88.53004
92	Puinjali Jr. High School	NCRMP-II		Gosaba	Amtali	22.14123	88.56229
93	Anandapur Colony F.P. School	NCRMP-II		Gosaba	Satjelia	22.07399	88.52061
94	Manmathapur High School	NCRMP-II		Gosaba	Kachukhali	22.12443	88.50186
95	Pakhirala F.P. School	NCRMP-II		Gosaba	Rangabelia	22.8194	88.49472
96	Ramnagar High School	NCRMP-II		Gosaba	Kachukhali	22.13353	88.5057
97	Taranagar Saraswati High School	NCRMP-II		Gosaba	R.T.Nagar	22.13546	88.5151
98	Uttardanga	NCRMP-II		Gosaba	Rangabelia	22.11205	88.51217
99	Jhowkhali Jr. High School	NCRMP-II		Gosaba	Sambhunagar	22.2293095	88.8122119
100	Shyamnagar F.P School	NCRMP-II		Kultali	Deulbari Debipur		

List of Flood Shelters:

Sl. No.	Name of Flood Shelter	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
1	Charavidya	South 24 Pgs	Basanti	22021'81" N	88048'460" E
2	Kumirmari		Gosaba	22020' N	88091' E
3	Amlamati		Gosaba	22007' N	88072' E
4	Binodepur		Kultali	21088'963" N	88054'582" E
5	Chuprihora		Joynagar-II	22000'680" N	88052'37" E
6	Ramganga		Patharprotima	21066' N	88044' E
7	Shridharnagat		Patharprotima	210664' N	880404' E
8	Buroburir tot		Patharprotima	21063' N	88030' E
9	Taktipur		Kakdwip	21055'07.4"N	88014'27.3"E
10	Suryanagar		Patharprotima	21056'39.8"N	88011'16.7"E
11	Gangadharpur		Kakdwip	21050'34.8"N	88018'13.7"E
12	Amarabati		Namkhana	21045'58"N	88013'57"E
13	Nayanpur		Namkhana	21046'44"N	88015'11"E
14	Baliara		Namkhana	21040'18"N	88012'3"E
15	Mousumi		Namkhana	21039'48"N	88013'05"E
16	Harinbari		Sagar	21073'567"N	88010'474"E
17	Kachuberia		Namkhana	21085'113"N	88013'91"E
18	Ghoramara		Sagar	21091'532"N	88013'06"E
19	Gangasagar		Namkhana	21064'103"N	88008'504"E
20	Nagendrapur		Mathurapur-II	21055'34"N	880.29'03"E
21	Moukhali		Canning-II	22035'247"N	88068'5310"E
22	Kulpi		Kulpi	22008'213"N	88023'5055"E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
1	Nimpith	South 24 Parganas	Joynagar-II	22° 08.9553' N	88° 26.7035' E
2	Narayantola Ramkrishna High School		Basanti	22° 08.7716' N	88° 46.8240' E
3	Ghati Harania High School		Joynagar-II	22° 01.0640' N	88°31.4292' E
4	Marairtat Roymoni Institute		Joynagar-II	22°03.8197' N	88°30.1435' E
5	Jamtala High School		Kultali	22°06.2740' N	88°34.1904' E
6	Jamtala High School (Play ground)		Kultali	22°06.2492' N	88°34.1842' E
7	Golabari Hatkhola		Canning-I	22°12.8350' N	88°37.7902' E
8	Budhakhali F.P. School Ground,		Canning-I	22°12.0617' N	88°38.5113' E
9	Rajnarayan High School Itkhola		Canning-I	22°13.3433' N	88°37.0520' E
10	St. Gabriel High School		Canning-I	22°18.8310' N	88°39.9489' E
11	Jibantala Play ground		Canning-II	22°25.1759' N	88°39.7560' E
12	Canning II Block office ground		Canning-II	22°25.2549' N	88°39.7676' E
13	Gosaba G.P. office, R.R. Govt. High School		Gosaba	22°10.2242' N	88°48.1566' E
14	Gosaba Block office ground		Gosaba	22°09.7706' N	88°47.8269' E
15	Malaya High School		Patharpratima	21 °59.4863' N	88°18.4594' E

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
16	G. M. Siksha Niketan		Kakdwip	21°51.5968' N	88°22.3394' E
17	Pahar Pratima High School Play ground		Patharpratima	21°47.5647' N	88°21.3909' E
18	Chandranagar Stadium		Namkhana	21 °41.6624' N	88°14.9136' E
19	Narayanitala Dhaneswar Siksha Sadan		Namkhana	21 °35.6628' N	88°15.7937' E
20	Bagdanga Khasmahal ground		Namkhana	21 °40.2608' N	88°12.1060' E
21	Lot-8, Kakdwip		Kakdwip	21 °52.9100' N	88°09.9117' E
22	Ramtanunagar, Kakdwip 5 no. Hat, brick field		Kakdwip	21 °56.5966' N	88°11.5879' E
23	Sitarampur, Kakdwip		Kakdwip	21 °58.4003' N	88°12.4436' E
24	Kachuberia Bus Stand		Sagar	21°51.6211' N	88°08.4562' E
25	Ghoramara Milan Vidyapith ground		Sagar	21 °54.9777' N	88°07.8886' E

Purba Medinipur

List of Multi Purpose Cyclone Shelter:

Sl. No.	Name of MPCS	Name of the project	Location			Lat/Long
			District	Block	Gram Panchayat	
1	Bankiput High School Ground, Mouja- Bankiput	NCRMP-II	Purba Medinipur	Deshapran Dev. Block	Dariapur	Lat-N21° 45.712 Long-E87° 51.437
2	Dariapur Primary School Ground, Mouja- Dariapur	NCRMP-II		Deshapran Dev. Block	Dariapur	Lat-N21° 47.342 Long-E87° 51.480
3	Shyamchak Pry. School, Mouja- Benichak	NCRMP-II		Deshapran Dev. Block	Basantia	Lat-N21°49'27.8" Long-E87°51'19.6"
4	Uttar Haraschak Sorojani Sikshya Niketan Ground, Mouja- Uttar Haraschak	NCRMP-II		Deshapran Dev. Block	Dariapur	Lat-N21° 45.945 Long-E87° 50.451
5	Jhawa Panchanan Primary School Ground, Mouja- Jhawa	NCRMP-II		Deshapran Dev. Block	Bamunia	Lat-N21°45.888 Long-E87°49.524
6	khejuri Rs jr.Basic	NCRMP-II		khejuri-II	Khejuri	E87°56'13.5"& N21°49'76.1"
7	khejuri irrigation Bunglow	NCRMP-II		khejuri-II	Khejuri	87.91961 & 21.87185
8	satkanda sahebnagar jr.Basic	NCRMP-II		khejuri-II	Khejuri	E87°58'18.4" & N21°52'94.8"
9	sillyaberia BPHC	NCRMP-II		khejuri-II	nijkasba	87°54'90.5'& 21°51'28.1"
10	Hijli gopichak High school	NCRMP-II		khejuri-II	nijkasba	87°54'63.4" &21 .48'98.3"
11	Battalya pry school	NCRMP-II		khejuri-II	nijkasba	87°53'88.9" & 21°49'22.5"
12	vested land kayalchak	NCRMP-II		khejuri-II	nijkasba	87°52'91.0" & 21°49'54.3"
13	Mandala Harijan	NCRMP-II		Ramnagar-I	Ramnagar-I	N-87°29'02" & E-21°38'05"
14	Digha DJ Siksha Sadan	NCRMP-II		Ramnagar-I	Ramnagar-I	N-87°30'26" & E-21°38'04"

Sl. No.	Name of MPCS	Name of the project	Location			Lat/Long
			District	Block	Gram Panchayat	
15	Padima ramprasad	NCRMP-II		Ramnagar-I	Ramnagar-I	N-87^29'21" & E-21^37'39"
16	Jaldha Harijan	NCRMP-II		Ramnagar-I	Talgachari	N-87^36'56" & E-21^38'42"
17	Chandpur Kamdev	NCRMP-II		Ramnagar-I	Talgachari	N-87^35'53" & E-21^38'47"
18	Mandarmoni	NCRMP-II		Ramnagar-II	Kalindi	21°39'1"N 87°38'57"E
19	Daskshin Purosattampur	NCRMP-II		Ramnagar-II	Kalindi	21°40'31"N 87°43'29"E
20	Biramput Pry School	NCRMP-II		Contai-I	Majilapur	Lat- 21°72'057" Long- 87°80'61"
21	Baguran Jalpai	NCRMP-II		Contai-I	Majilapur	Lat- 21°70'78" Long- 87°75'89"
22	Chenchurapur Pry. School Ground	NCRMP-II		Contai-I	Nayaput	Lat- 21°70'78" Long- 87°75'86"
23	Sabajput GP office ground	NCRMP-II		Contai-I	Sabajput	Lat- 21°73'12" Long- 87°72'05"
24	Badalpur Pry. School Ground	NCRMP-II		Contai-I	Sabajput	Lat- 21°72'28793" Long- 87°74'61457"
25	Samudrapur Pry. School Ground	NCRMP-II		Contai-I	Sabajput	Lat- 21°72'762" Long- 87°66'90127"
26	Daudpur Pry. School Ground	NCRMP-II		Contai-I	Sabajput	Lat- 21°68'59" Long- 87°70'59"
27	Mahisagote S.S. Vidyamandir Ground	NCRMP-II		Contai-I	Mahisagote	Lat- 21°73'56753" Long- 87°68'43677"
28	Pichhaboni High School Ground	NCRMP-II		Contai-I	Mahisagore	Lat- 21°72'85" Long- 87°66'38"
29	Amtalia MPCS, Mouja- Amtalia	PMNRF		Deshapran Dev. Block	Amtalia	Lat N21 51.117 Long E87 51.009
30	Purba Mukundapur MPCS (BASANTIA), Mouja- Purba Makundapur	PMNRF		Deshapran Dev. Block	Basantia	Lat N21 47.990 Long E87 48.289
31	Mahisamunda MPCS, Mouja- Mahisamunda	PMNRF		Deshapran Dev. Block	Sarda	Lat N21 47.751 Long E87 47.200
32	Panchuria	PMNRF		khejuri-II	nijkasba	N21 82.0185 & E087 93.2385
33	Owachilchak	PMNRF		khejuri-II	nijkasba	N21 49.761 & E087 56.136
34	Ratanpur	PMNRF		Ramnagar-I	Padima	E-87^29'47.6" & N-21^37'30.5"
35	Dhibirkul	PMNRF		Ramnagar-I	Haldia-II	E-87^30.052' & N-21^40.323'
36	Talgachhari	PMNRF		Ramnagar-I	Talgachhari-I	E-87^33'35.4" & N-21^40'40.7"
37	Uttar Shitala (Pichhaboni)	PMNRF		Ramnagar-II	Satilapur	Lat 21 degri 43` , Long 81 degri 39`
38	Kandarpapur	PMNRF		Ramnagar-II	Satilapur	Lat 21 degri 41` , Long 81 degri 35`
39	Purba Karanje	PMNRF		Ramnagar-II	Balisai	Lat 21 degri 69` , Long 87 degri 60`

Sl. No.	Name of MPCS	Name of the project	Location			Lat/Long
			District	Block	Gram Panchayat	
40	Balisai Kanya Vidyalaya	PMNRF		Ramnagar-II	Balisai	Lat 21 ° 40`54.3281secNorth, Long 87 °36`0.635"East
41	Majna	PMNRF		Contai-I	Dulalpur	Lat- 21°763'78.33" Long- 87°67'98.44"
42	Dakshin Rania	PMNRF		Contai-I	Raipur P. Barh	Lat- 21°46'25.2" Long- 87°41'28.8"
43	Haipur	PMNRF		Contai-I	Haipur	Lat- 21°41'16.8" Long- 87°38'55.8"

List of Flood Shelters:

Sl. No.	Name of Flood Shelter	Location			Lat/Long (in mints & seconds)
		District	Block	Gram Panchayat	
1	Naranda	Purba Medinipur	Panskura-I	Naranda	22°40'20" N 87°71'52" E
2	Brindabanpur-II (Kandapasara)		Chandipur	Brindabanpur-II (Kandapasara)	22°06'50.2"N 87°05'28.1"E
3	Brajalalchak		Chandipur	Brajalalchak	87° 49'53.9" E 22°03'23.9"N
4	Paikpari		Kolaghat	Paikpari	22°27'12.1"N 87°52'17.6" E
5	Babalpur		Nandakumar	Babalpur	22.248786 ° N 87.833551 ° E
6	Chakgarupota		Tamluk	Chakgarupota	22°14'52.0"N 87°44'05.4"E
7	Safiabad		Deshapran	Safiabad	21°48'63.7"N 87°049'81.7"E
8	Talgachhari-I		Ramnagar-I	Talgachhari-I	21°40'42.9"N 87°33'32.5"E
9	Padima-I		Ramnagar-I	Padima-I	21°37'32.9"N 87°30'52.2"E
10	Talgachari - II		Ramnagar-I	Talgachari - II	21°39'55.8"N 87°32'48.8"E
11	Itaberia		Bhagwanpur - II	Itaberia	22°01'20.0"N 87°65'00.0"E
12	Arjun Nagar		Bhagwanpur - II	Arjun Nagar	22°02'18.4"N 87°60'02.1"E
13	Naipur		Patashpur-I	Naipur	22°02'37.7"N 87°30'00.9"E
14	Gopalpur		Patashpur-I	Gopalpur	N-22°03'4.9" E-27°033'21.8"
15	Srirampur		Patashpur-II	Srirampur	21°58'25.7"N 87°35'21.4"E
16	Bhagwanpur		Bhagwanpur - I	Bhagwanpur	22°02'02.2"N 87°47'59.0"E
17	Amrit Beria		Mahisadal	Amrit Beria	22°11'19.9"N 87°58'58.8"E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Ganamoitri Sangha Ground	Purba Medinipur	Mahisadal	Basulia	87°59'12.1"E	22°11'30.3"N
2	Mayachar High School		Mahisadal	Mayachar	87°58'58.8"E	22°11'19.9"N
3	Bar-Amritberia High School		Mahisadal	Bar-Amritberia, Bholsara, Danipur	87°57'42.6"E	22°14'11.8"N
4	Natshal High School		Mahisadal	Natshal Matshyachak & Madhya Natshal	88°02'0.2"E	22°11'49.3"N
5	Geonkhali High School		Mahisadal	Balaramchak, Gaunya Para, Mondal Para	88°02'47.6"E	22°11'57.1"N
6	Tentulberia S.T Sikshyasadan		Mahisadal	Tentulberia & Suklalpur	88°03'43.1"E	22°11'3.4"N
7	Harikhali BK Banimandir		Mahisadal	Harikhali	87°55'57.8"E	22°7'24"N
8	Dakshin Kashimnagar High School		Mahisadal	Terapara Jalpai	87°56'54.7"E	22°8'44.1"N
9	Keshabpur Jalpai GJM Bidyapith		Mahisadal	Keshabpur Jalpai	87°58'7.7"E	22°06'56.8"N
10	Demari High School Ground at Demari		Sahid Matangini	Demari	87°53'50.3"	22°20'11.7"
11	Gobindapur High School at Gobindapur		Sahid Matangini	Gobindapur	87°52'10.8"	22°20'48.8"
12	Ramchandrapur Baikuntha Vidyapith, Ramchandrapur		Sahid Matangini	Ramchandrapur	87°52'22.9"	22°23'52.1"
13	Nigamananda High School at Balarampur		Sahid Matangini	Balarampur	87°55'00"	22°23'3.7"
14	K.T.P.P. High School Football Ground		Kolaghat	Amalhanda	87 51'38.4"E	22 25'52.0"N
15	S.S. Patna High School .		Panskura-I	S.S. Patna	087° 41 ' 11.5"	22° 28' 00.1"
16	Malida High School.		Panskura-I	Malida	087° 44 ' 13.8"	22° 28' 55.0"
17	Jasora Charubala Girls High School .		Panskura-I	Jasora	087° 44 ' 21.7"	22° 28' 09.6"
18	Hatisal High School.		Panskura-I	Hatisal	087° 44 ' 42.9"	22° 26' 50.6"
19	Ratulia High School.		Panskura-I	Ratulia	087° 40 ' 13.4"	22° 24' 54.5"
20	Mangaldwari Pry. School.		Panskura-I	Mangaldwari	087° 41 ' 02.8"	22° 24' 11.5"
21	Dakshin Mechogram Purnachandra Balika Vidyalay.		Panskura-I	Dakshin Mechogram	087° 45 ' 04.2"	22° 24' 40.4"
22	B.D.O. Office Flood Shelter.		Panskura-I	Balidangri	087° 43 ' 10.7"	22° 23' 53.2"
23	Amdan High School .		Panskura-I	Amdan	087° 41 ' 17.8"	22° 20' 48.3"
24	Ghoshpur High School.		Panskura-I	Ghoshpur	087° 49 ' 18.5"	22° 22' 10.9"
25	Lakshyakuri High School.		Panskura-I	Lakshyakuri	087° 43 ' 21.5"	22° 20' 30.5"
26	Harinarayanchak High School.		Panskura-I	Harinarayanchak	087° 44 ' 14.0"	22° 20' 38.9"
27	Bijoyramchak High Madrasa.		Panskura-I	Bijoyramchak	087° 43 ' 50.3"	22° 21' 34.2"
28	Nilmoniramchak Pry. School.		Panskura-I	Nilmoniramchak	087° 42 ' 52.4"	22° 21' 03.6"

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
29	Purba Chilka High School .		Panskura-I	Purba Chilka	087°46'23.8"	22°18'33.5"
30	Radhaballavchak Pry. School No.-I		Panskura-I	Radhaballavchak	087°45'10.7"	22°19'59.3"
31	(Maktab).		Panskura-I	Mahadole	087°46'00.9"	22°19'37.5"
32	Rupchak Mahadole Pry. School .		Panskura-I	Gourangapur	087°46'10.5"	22°21'25.6"
33	Gourangapur Jr. Basic School.		Panskura-I	Purusottampur	087°47'01.1"	22°20'57.9"
34	Purusottampur Part Basic School.		Panskura-I	Raghunathbari	087°46'52.6"	22°21'28.4"
35	Raghunathbari Rattala (Near G.P. Office).		Panskura-I	Gogrash	087°47'41.0"	22°20'29.3"
36	Gogrash Board Pry. School.		Panskura-I	Dhuliapur	087°46'17.7"	22°23'08.8"
37	Dhuliapur High School.		Panskura-I	Raybandh	087°44'20.1"	22°20'57.0"
38	Chowkhali High School		Chandipur	Chowkhali	87°49'6.3"	22°07'44.9"
39	Narandari Football Maidan		Chandipur	Narandari	87°49'36.7"	22°08'35.5"
40	Atattar Pry. School		Chandipur	Atattar	87°49'54.1"	22°07'26.4"
41	Chowkhali Girls' High School		Chandipur	Chowkhali	87°49'6.3"	22°07'44.9"
42	Kotobarh Pry. School		Chandipur	Kotobarh	87°49'00.3"	22°07'05.1"
43	Hanschara M.D High School		Chandipur	Hanschara	87°53'12.2"	22°04'32.3"
44	Chandipur Community Hall		Chandipur	Chandipur Community Hall,	87°51'29.7"	22°05'44.9"
45	Binoy Smriti Football Maidan at Chandipur		Chandipur	Binoy Smriti Football Maidan at Chandipur	87°51'23.7"	22°05'44.7"
46	Chaknan High School		Chandipur	Chaknan	87°52'00.0"	22°07'53.1"
47	Kandapasara D. P. High School		Chandipur	Kandapasara	87°52'23.5"	22°06'48.6"
48	Radhagaunj Bazar		Chandipur	Radhagaunj Bazar	87°53'38.0 "	22°07'53.8 "
49	Ishwarpur High School		Chandipur	Ishwarpur	87°50'00.1"	22°05'17.2"
50	Pichhalda High School		Chandipur	Pichhalda	87°49'03.5"	22°05'47.3"
51	Dekashimpur Balika Vidyalaya		Chandipur	Dekashimpur	87°49'22.2"	22°05'18.1"
52	Damodarpur Pry. School		Chandipur	Damodarpur	87°50'47.8"	22°06'25.1"
53	Kulup Pry. School		Chandipur	Kulup	87°48'42.9"	22°05'18.9"
54	Sultanpur Girls' High School		Chandipur	Sultanpur	87°49'45.5"	22°04'20.9"
55	Sultanpur Pry. School		Chandipur	Sultanpur	87°49'44.7"	22°04'20.5"
56	Dhusia Maqtab Pry. School		Chandipur	Dhusia	87°49'21.7"	22°04'34.0"
57	Prahallad Pry. School		Chandipur	Prahallad	87°49'21.6"	22°04'34.0"
58	Dhanyashree High School		Chandipur	Dhanyashree	87°50'52.4"	22°03'27.3"

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
59	Brajalalchak Pry. School		Chandipur	Brajalalchak	87°50'57.7"	22°04'05.9"
60	Patna High School		Chandipur	Patna	87°51'01.0"	22°04'04.0"
61	Shreekrishnapur High School		Chandipur	Shreekrishnapur	87°50'23.2"	22°02'52.0"
62	Abasbari Pitabas High School		Chandipur	Abasbari	87°52'56.4"	22°02'47.0"
63	Kulbari Pry. School		Chandipur	Kulbari	87°53'17.2"	22°03'43.7"
64	Shyamsundarpur High School		Chandipur	Shyamsundarpur	87°52'10.3"	22°04'08.5"
65	Dibakarpur High School		Chandipur	Dibakarpur	87°55'30.3"	22°05'37.2"
66	Dibakarpur Pry. School		Chandipur	Dibakarpur	87°55'28.9"	22°05'37.1"
67	Muradpur High School		Chandipur	Muradpur, near Hanschara.	87°54'15.3"	22°04'45.6"
68	2 nd Part Jalpai Subodh Shiksha Niketan		Chandipur	2 nd Part Jalpai	87°55'08.0"	22°06'55.6"
69	Baishachak Pry. School		Chandipur	Baishachak	87°54'29.7"	22°07'24.5"
70	Nandapur Charkapara Pry. School		Chandipur	Nandapur	87°53'36.0"	22°05'24.7"

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Coast Guard	Coast Guard, Haldia	DIG, Pankaja Verma	9971196532

PASCHIM MEDINIPUR

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		Block	Gram Panchayat		
1	Malkuri Bahumukhi Bonya / Ghurnijhor Ashroy Sthal	Medinipur Sadar	Dherua	22° 29' 19.06"	87° 7' 42.86"
2	Salboni Multipurpose flood Shelter	Salboni	Salboni	22° 38' 33.6"	87° 19' 01.5"
3	Suratpur Multipurpose Flood Shelter	Keshpur	Kalagram	22° 35' 30.43"	87° 33' 23.19"
4	Babuidanga Flood Shelter	Garhbeta -II	Amlasuli	22° 50' 57.2"	87° 10' 37.4"
5	Pundra Multipurpose Flood Shelter	Dantan-I	Tararui	21° 54' 31.81"	87° 16' 9.45"
6	Hashimpur Multipurpose Flood Shelter	Dantan-I	Angua	21° 56' 08"	87° 16' 46"
7	Dobariya Flood Shelter	Mohanpur	Nilda	21° 48' 05.4"	87° 18' 26.3"
8	Samsara Multipurpose Flood Shelter	Pingla	Pindrui	22° 19' 22.44"	87° 42' 34.40"
9	Bhemua Multipurpose Flood Shelter	Sabang	Bhemua	22° 12' 46.5"	87° 40' 52.63"
10	Amdangra Multipurpose Flood Shelter	Daspur-I	Nij-Narajole	22° 34' 35"	87° 36' 53"
11	Ranchandrapur Multipurpose Flood shelter	Daspur-I	Nandanpur-I	22° 31' 26"	87° 42' 03"
12	Kantadorja Multipurpose Flood shelter	Daspur-I	Nij-Narajole	22° 35' 39.54"	87° 34' 58.20"

Sl. No.	Name of Flood Shelter	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		Block	Gram Panchayat		
13	Digha Anandapur Vidyasagar Ashray Kendra	Ghatal	Mohanpur	22° 40' 21.6"	87° 38' 25"
14	Gholsai Bhagabati Devi Bahumukhi Ashray Kendra	Ghatal	Dewanchak-II	22° 36' 35.1"	87° 37' 16.4"
15	Pandua Multipurpose Flood Shelter	Chandrakona-I	Monohorpur-I	22° 40' 15"	87° 34' 58"
16	Kuldaha Multipurpose Flood Shelter	Chandrakona-I	Monohorpur-II	22° 38' 39.3"	87° 34' 35.9"
17	Ghatal Vidyasagar Multipurpose Flood Shelter	SDO Ghatal	Ghatal Municipality	22° 39' 35"	87° 44' 10"

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	District	Location		Lat (in mints & seconds)	Long (in mints & seconds)
			Block	Gram Panchayat		
1	Satunia Ground	Paschim Medinipur	Dantan-II	Sabra	21° 58' 45.6"	87° 23' 58.4"
2	Ground of Dhaneswarpur Haat		Dantan-II	Dhaneswarpur Haat	22° 00' 36.0"	87° 25' 17.8"
3	Krishnapur R.H. School Ground		Chandrakona-II	Krishnapur	22° 49' 29"	87° 32' 3"
4	Bhagabantapur J.S. High School Ground at Bhagabantapur		Chandrakona-II	Bhagabantapur J.S. High School Ground at Bhagabantapur	22° 48' 3"	87° 30' 7"
5	Basanchora Pry. Health Center Ground at Chhatraganja		Chandrakona-II	Basanchora Pry. Health Center Ground at Chhatraganja	22° 46' 44"	87° 31' 18"
6	Chandrakona Jirat High School Ground at Chandrakona		Chandrakona-II	Chandrakona Jirat High School Ground at Chandrakona	22° 44' 3"	87° 31' 10.4"
7	Jhakra H.S. School Ground at Jhakra		Chandrakona-II	Jhakra H.S. School Ground at Jhakra	22° 41' 20"	87° 33' 29"
8	Vill. – Barida, P.O. - Barida,		Keshiary	Ghitagram	22° 12' 15.2	87° 11' 55.2
9	Vill. - Khajra, P.O. - Kushgeria		Keshiary	Khajra	22° 7' 38.9 ²	87° 13' 49.7 ²
10	Vill. + P.O. + G.P. - Santrapur		Keshiary	Santrapur	22° 8' 43 ²	87° 17' 21 ²
11	Vill. + P.O. - Binandapur,		Keshiary	Kusumpur	22° 9' 29.2 ²	87° 11' 36.6 ²
12	Vill. + P.O. - Baghasty,		Keshiary	Baghasty	22° 06' 40.8 ²	87° 10' 43.1 ²
13	Vill. + P.O. - Nachipur		Keshiary	Nachipur	22° 05' 28.5 ²	87° 13' 09.9 ²
14	Vill. – Hospital Road, Keshiary, P.O. + G.P. - Keshiary		Keshiary	Keshiary	22° 7' 37.91 ²	87° 13' 52.37 ²
15	Vill. – Phandarh, P.O. + G.P. - Lalva,		Keshiary	Lalva,	22° 05' 49.8 ²	87° 18' 18.1 ²
16	Jalchak N.N. Vidyatan High School Ground, Jhalchak II G.P.		Pingla	Jalchak N.N. Vidyatan High School Ground, Jhalchak II G.P.	22° 14' 27.48"	87° 40' 15.20"

HOOGHLY

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block / Sub-Division	Gram Panchayat / Municipality		
1	BahumukhiAshray Kendra	Hooghly	Arambagh SDO	Arambagh Municipality	22.883942N	087.782729E
2	Haratitya Flood Shelter		Arambagh Block	Harin khola-1 G.P.	22.50'23.0N	087°53'19.5"E
3	Magri Flood Shelter		Khanakul - II Block	Palaspai G.P	22.6414549N	87.9283556E
4	B.D.O Office flood shelter		Purusurah Block	Purusurah 1	22.50,31N	087.57,13.29E
5	Serampore Flood shelter		Purusurah Block	Serampore	22.49,09	E087.55,29
6	Pachimpara		Goghat - II Block	Pachimpara	22°52'41.4"N	87°40'27E
7	Mandaran		Goghat - II Block	GarMandaran, G.P	22°52'41.4"N	87°40'27E
8	Khanakul - I Flood Shelter		Khanakul - I Block	Khanakul - I	22°42'42.5"N	87°51'20.3"E
9	BalipurKalitala Flood Shelter		Khanakul - I Block	Balipur G.P.	22°75'29.4" N	87°98'20.35E
10	Singhti Flood Shelter		Jangipara Block	Rashid pur G.P.	2°72'167" N	87°99'16E
11	Sodepur Flood rescue shelter		Pandua Block	Sodpara, G.P	23.13351 N	88.19139 E
12	Shialagory flood rescue shelter		Pandua Block	shilagory , G.P	88.16055N	23.06669 E
13	Mondalia Flood rescue shelter		Pandua Block	Mondalia, G.	23.09596N	88.31784 E
14	Dangapara Flood rescue shelter		Pandua Block	PanchgoraTorgram	88.26529N	23.10855E
15	B.D.O Office flood shelter		Balagarh Block	Girat	23.098261°N	88.456118°E
16	NachipurJunior Basic School.		Haripal Block	Alipur-Kashipur, G.P	88°6'33" E	22°.50'14" (w)
17	Ghatampur		Polba-Dadpur	Makalpur, G.P	Not used as flood shelter. Electrification not done	

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Kapasaria High School	Hooghly	Chanditala-II	Kapasaria	22.4462	87.8457
2	Panchghara Promoda Sundari High School		Chanditala-II	Panchghara	22.7283	88.2597
3	Begampur Girls High School		Chanditala-II	Begampur	22.7384	88.2453
4	Duttapur Lions Woodland High School		Chanditala-II	Baksa	22.7183	88.2186
5	Janai Traing High School		Chanditala-II	Janai	22.7177	88.254
6	Naity Pool		Chanditala-II	Naity	22.7085	88.26

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
7	Kalachara Health Home Ground	Khanakul-II	Chanditala-II	Chanditala	22.6982	88.2487
8	Garalgacha High School		Chanditala-II	Barijhaty	22.6862	88.268
9	Garalgacha Girls High School		Chanditala-II	Garalgacha	22.6805	88.267
10	Chingra Flood Shelter, Chingra Mouza		Khanakul-II	Chingra	22°40'28"N	87°53'36"E
11	Dhanyaghor GP Office, Dhanyaghor Mouza		Khanakul-II	Dhanyaghor	22°40'7.0572"N	87°46'58.8468"E
12	Jagatpur GP Office, Jagatpur Mouza		Khanakul-II	Jagatpur	22°38'9.3012"N	87°49'5.394"E
13	Nandanpur Rupchand Academy, Nandanpur Mouza		Khanakul-II	Jagatpur	22°39'27.6876"N	87°50'0.1284"E
14	Marokhana High School, Marokhana Mouza		Khanakul-II	Marokhana	22°78'86"N	88°03'45"E
15	Natibpur-I GP Office, Joyrampur Mouza		Khanakul-II	Natibpur-I	22°40'50.1132"N	87°52'21.6372"E
16	Natibpur Bhudeb Vidyalaya, Natibpur Mouza		Khanakul-II	Natibpur-II	22°39'56.88"N	87°53'40.848"E
17	Balpai Doulatchak SKUS, Doulatchak Mouza		Khanakul-II	Natibpur-II	22°38'43.944"N	87°53'44.952"E
18	Magri Jatindranath Harijan High School, Magri Mouza		Khanakul-II	Palaspai-I	22°38'29.4468"N	87°55'55.9164"E
19	Palaspai Bijay Modak Ucha Balika Vidyalaya, Palaspai Mouza		Khanakul-II	Palaspai-I	22°37'58.3608"N	87°54'12.3876"E
20	Hayatpur Ramkrishna High School, Hayatpur Mouza		Khanakul-II	Palaspai-II	22°37'7.62"N	87°53'23.92"E
21	Kumarhat High School, Kumarhat Mouza		Khanakul-II	Rajhati-I	22°41'14.1864"N	87°50'33.7668"E
22	Utsab Marriage Lodge, Senhat Mouza		Khanakul-II	Rajhati-I	22°40'27.6204"N	87°50'30.894"E
23	Rajhati Bandar High School, Rajhati Mouza		Khanakul-II	Rajhati-II	22°40'24.6216"N	87°50'39.372"E
24	Harischak High School, Harischak Mouza		Khanakul-II	Sabalsinghapur	22°38'58.9992"N	87°52'27.4368"E
25	Bhangamorah GP, Soaluk Mouza		Pursurah	Bhangamorah	22°55'53.004"N	87°56'47.148"E
26	Baikunthapur Flood Shelter, Baikunthapur Mouza		Pursurah	Bhangamorah	22°54'15.516"N	87°57'52.848"E
27	Kelepara G.P Office, Krishnabati Mouza		Pursurah	Kelepara	22°53'45.384"N	87°55'47.784"E
28	Deulpara Bundh, Deulpara Mouza		Pursurah	Dehibatpur	22°53'30.66"N	87°57'9.576"E
29	Benepukur Flood Shelter, Paschimpara Mouza		Pursurah	Dehibatpur	22°51'50.328"N	87°56'11.184"E
30	Pursurah-I GP Office, Pursurah Mouza		Pursurah	Pursurah-I	22°50'18.132"N	87°57'59.112"E
31	Jangalpara BCKM High School, Jangalpara Mouza		Pursurah	Pursurah-I	22°50'54.024"N	87°57'2.7"E
32	Srirampur Flood Shelter,		Pursurah	Srirampur	22°49'34.32"N	87°57'15.12"E

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
33	Harihar Primary School, Harihar Mouza	Howrah	Pursurah	Srirampur	22°49'58.044"N	87°57'40.86"E
34	Ankri MSK, Ankri Mouza		Pursurah	Chiladangi	22°48'28.188"N	87°57'45.216"E
35	Chiladangi GP Office, Chiladangi Mouza		Pursurah	Chiladangi	22°48'39.42"N	87°57'27.72"E
36	Shyampur GP Office, Shyampur Mouza		Pursurah	Shyampur	22°47'11.688"N	87°57'42.192"E
37	Baradighui MSK, Baradigrui Mouza		Pursurah	Shyampur	22°46'31.044"N	87°55'19.02"E
38	Chabbisipur (B.C.G.F.C. Ground)		Khanakul-I	Arunda	22.730697 N	87.93177 E
39	Balipur Bazer		Khanakul-I	Balipur	22.758167 N	87.933782 E
40	Chhatrasal Bazer		Khanakul-I	Balipur	22.730697N	87.93177E
41	Rammohan College Ground		Khanakul-I	Rammohan - I	22.728893N	87.864589E
42	Sekendarpur Roy K.P. Paul Bahadur High School		Khanakul-I	Rammohan - II	22.759064N	87.893777E
43	Koley Pukur		Khanakul-I	Khanakul - I	22.70287N	87.847125E
44	Moyal Hat Tala		Khanakul-I	Kishorepur – I	22.741376N	87.762016E
45	Ghoshpur Netaji Union Vidyapith		Khanakul-I	Ghoshpur	22.727988N	87.782543E
46	Pole P.C. Sen High School		Khanakul-I	Pole – I	22.729915N	87.817672E
47	Pole – II Gram Panchayat		Khanakul-I	Pole - II	22.746732N	87.853946E
48	Katchra		Khanakul-I	Thakuranichak	22.710095N	87.787027E

HOWRAH

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)	
		District	Block	Gram Panchayat			
1	Rashpur High School Flood Shelter	Howrah	Amta-I	Rashpur	N22.59953'	E87.97632'	
2	Dakshin Joypur Flood Shelter		Amta-II		Jhamtia	N22-34-16.5	E-87-55-50
3	Kushberia Flood Shelter				Kushberia	N22-32-7.9	E87-57-25
4	Joypur BDO Office Flood Shelter				Joypur	N22-36-19.3	E87-56-18.7
5	Joypur College Flood Shelter				Joypur	N22-36-19.1	E87-56-18.5
6	Dakshin Chitnan Flood Shelter				Ghoraberia Chitnan	N22-32-00.1	E87-52-32.1
7	Paschim Gajipur Flood Shelter				Gajipur	N22-34-07.9	E87-58-51.7
8	Paschim Gajipur-2 Pry. School & Relief Shelter				Gajipur	N22-36-46	E87-58-19
9	Uttar Bhatara Dorjipara Pry. School Flood Shelter				Bhatara	N22-60-19.8	E87-52-24.1
10	Beral Flood Shelter				Ghoraberia Chitnan	N22-57-23.3	E87-52-17.2
11	Flood Shelter at B.D.O, Bagnan-I				Bagnan-I		Bagnan-I
12	Kansra Kotai Flood Shelter		Bakshihat	22.531N			87.907E
13	Khalore Flood Shelter		Khalore	22.531N			87.907E
14	Malia Flood Shelter		Bakshihat	22.310N			87.544E

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
15	Baidyanahpur	Bardhaman	Bagnan-II	Bantul-Baidyanathpur	22.43113	87.96881
16	Khanjadapur			Bantul-Baidyanathpur	N22.42427	E87.95769
17	Shyampur Flood Shelter		Shyampur-I	Shyampur	22.28857	88.03451
18	Ichhapur flood shelter.			Dhandali	22.367056	88.067306
19	Shyampur-II B.D.O office Flood Shelter		Shyampur-II	Sasati	N22.32967	E88.01521
20	Rampur Tran Shibir		Udaynaryanpur	Rampur Dihibhurshut Asanda	N22°45.817'	E87°57.887'
21	Harali Oriented Primary School Flood Shelter			Harali Udaynaryanpur	N22°42.939'	E087°58.661'
22	Jangalpara Belgram Flood Shelter			Kurchi Shibpur	N22°42.911'	E087°58.646'
23	Rajapur Flood Shelter			Singti	N22°42.031'	E087°58.717'
24	Santosh Chak, Primary School Flood Shelter			Pancharul	N22°41.060'	E087°56.043'
25	Benagori Primary School Flood Shelter			Bhowanipur Bidhichandrapur	N22°38.265'	E087°58.233'
26	Multipurpose Flood shelter adjacent to Pancharul BPHC Office (Near Pancharul Bus Stand)			Pancharul	N22.41.839	E.87.56.744
27	Multipurpose Flood shelter near Dakhin Manashri Oriented Primary School			Debipur	N22..39.737	E87.56.562
28	Multipurpose Flood Shelter adjacent to Kumarchak Islamia Madrasah			Garh Bhowanipur Sonatola	N22°39.486'	E08758.338'
29	Multipurpose Flood Shelter near Joynagar RLI Shelter			Kanupat Monsuka	N22°40.739'	E087°59.880'
30	Multipurpose Flood shelter near Dihibhurshut Bus Stand(Dihibhurshut Samsan)			Rampur Dihibhurshut Asanda	N22°46.511'	E087°58.954'
31	Multipurpose Flood Shelter at Bhowanipur (Ghoshpara)			Bhowanipur Bidhichandrapur	N22.642.447	E87.969.681
32	Multipurpose Flood Shelter at Par Radhanagar (Adjacent to Harishpur G.P Office)			Harishpur	N22.655.580	E88.021.753
33	Uluberia-I Flood Shelter			Uluberia-I	Uluberia-I B.D.O Office Compound Ward-27	22.48619N
34	Jagarampur Flood Shelter		Uluberia-II	Joargori	N20-29-34.3	E88-04-36.0
35	Rajapur Flood Shelter		Domjur	Uttar Jharpardaha	N22.64949	E88.18683
36	Domjur BDO Flood Shelter			Domjur	22.62768	88.23295
37	Gouripur		Jagatballavpur	Polgustia	22.63N	88.12E
38	Ichhapur			Sealdanga	22.37N	88.60E
39	Banaharishpur Flood Shelter		Panchla	Banaharishpur	N22.57666	E88.12694

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block / Municipality	Gram Panchayat / Ward No.		
1	Kulia Ghat	Howrah	Amta-II	Ghoraberia Chitnan	22.5607N	87.8698E
2	Dhainpur		Amta-II	Thalia	22.5859N	87.97771E
3	Amta Pitambar High School		Amta-I	Amta	22.57288333	88.01430000
4	Sasati Nahala High School		Shyampur-II	Sasati	22.34741634	87.97645192
5	Dhulasimla Board Primary School		Uluberia-I	Dhulasimla	22.40943333	88.09143333
6	Khila Gopimohan Siksha Sadan		Udaynarayanpur	Khila	22.67402792	88.00438746
7	Bargachhia PHC		Jagatballavpur	Bargachhia-II	22.67896667	88.10911667
8	Dakshin Sankrail Athelatic Field, near Pora Mill		Sankrail	Dakshin Sankrail	N 22°33'19.6092"	E 88°13'47.2296"
9	Khanjadapur Rathtala Ground		Bagnan-II	Bantul-Baidyanathpur	22.4235194	87.9565628
10	Uluberia High School (New Building)		Uluberia Municipality	Ward No. 25	22.46782	88.11174000

PURBA BARDHAMAN

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Bhedia Flood Shelter	Purba Bardhaman	Ausgram-II	Bhedia	23.591405N	87.711228E
2	Bankul Flood Shelter		Ausgram-II	Bhedia	23.593956N	87.660558E
3	Panduk Flood Shelter		Ausgram-II	Ramnagar	23.581471N	87.642381E
4	Gopalpur Flood Shelter		Ausgram-II	Ramnagar	23.581923N	87.667015E
5	Satgachia Girls High School, Satgachhia		Kalna-II	Satgachhia	23°20'29.60" N	88° 40'30.68" E
6	Purba Sahapur High School, Kalyanpur		Kalna-II	Satgachhia	23° 20'41.63" N	88° 37'45.69" E
7	Patharghata, Pindira		Kalna-II	Pindira	23°14'43.70" N	88° 36'44.43" E
8	Srirampur in Srirampur G.P.		Purbasthali-I	Srirampur	23.23'57"N	88.20'3"E
9	Srirampur Sukanta Pally in Srirampur G.P.		Purbasthali-I	Srirampur	23.24'12"N	88.21'17"E
10	Belgoria in Dogachia G.P.		Purbasthali-I	Dogachiya	23.24'32.5"N	88.14'15.4"E
11	Lakshmipara in Nadanghat G.P.		Purbasthali-I	Nadanghat	23.21'38.5"N	88.17'14.5"E
12	Nasaratpur Rail Bazar in Nasaratpur G.P.		Purbasthali-I	Nasratpur	23.19'57.6"N	88.19'29.3"E

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
13	Haltachara Flood Shelter		Purbasthali-II	Jhawdanga	23.3516N	88.1841E
14	Flood shelter at Block office campus		Purbasthali-II	Pilla	23.547072N	88.254247E
15	Ramkrishnapur Flood Shelter		Purbasthali-II	Kalekhantala-I	23.5152885N	88.2843022E
16	Faleya Flood Shelter		Purbasthali-II	Kalekhantala-I	23.481830N	88.317106E
17	Mertala DB High School Flood Shelter		Purbasthali-II	Mertala	23.503485N	88.297529E
18	Balagarh Flood Shelter		Raina 1	Natu	23.1189°N	88.4646° E
19	Uchitpur Flood Shelter		Raina 1	Mugura	23.0684°N	87.9506° E
20	Kamargoria Flood shelter		Raina-II	Barabainan	23.01'52.8"N	87.56'02.8"E
21	Atapur Flood Shelter		Raina-II	Gotan	22.58'08.2"N	87.56'06.3"E
22	Mouza- Daminya, JL No. 200, Plot No. 3412, Khatian No.- 1689 GP – Gotan		Raina-II	Gotan	22o56'27.8"N	87o54'29.0"E
23	Gantar		Memari-1	Gope Gantar-I	23.1968769N	88.1286002 E
24	Khorod		Memari-II	Satgachia-I	23.2856 N	88.144 E
25	Paharhati, Gargeswar		Memari-II	Bijur-II	23.2520231 N	88.0974075 E
26	Jamalpur		Jamalpur	Jamalpur-I	23°04'27.4"N	87°59'51.4"E
27	Shahhossainpur		Jamalpur	Jotesriram	23°01'18.7"N	87°57'21.2"E
28	Khatiar		Mongalkote	Lakhuria	23°54'54.24"N	87°87'12.47"E
29	Atghara		Mongalkote	Lakhuria	23°54'55.08"N	87°87'12.44"E
30	Aral		Mongalkote	Mongalkote	23°51'25.13"N	87°89'11.34"E
31	Nutanhat		Mongalkote	Mongalkote	23°53'54.19"N	87°91'12.37"E
32	Shyambazar		Mongalkote	Bhallugram	23°62'16.13"N	88°01'92.18"E
33	Palita F.S		Ketugram-I	Palita.	23.65°01.645	87.96°28.675
34	GonnaSerandi F.S		Ketugram-I	Palita.	23.67°16.672	87.91°94.413
35	Kulai F.S		Ketugram-I	Pandugram	23.65°56.742	87.99°55.965
36	Uddharanpur		Ketugram-II	Sitahati	23. 686270	88.139672
37	Natungram		Ketugram-II	Mougram	23. 741755	88.174427
38	Sitahati		Ketugram-II	Sitahati	23. 703680	88.151723
39	Nabagram		Ketugram-II	Nabagram	23.681058	88.068875
40	Charpataihat		Katwa-I	Khajurdihi	23°624368N	88°147759E
41	Mondalpara Flood Shelter, Ward No.16 of Katwa M		Katwa Municipality	N A	23°38'57"N	88°07'43"E
42	Kashiganjpara Flood Shelter, Ward No. 17 of Katwa M		Katwa Municipality	N A	23°38'38"N	88°08'22"E
43	Ashray Flood Shelter, Hospitalpara, Ward No. 4 of Katwa M		Katwa Municipality	N A	23°38'49"N	88°07'40"E
44	Daspara, Ward No.2 of Dainhat Municipality		Dainhat Municipality	N A	23.36`597"	88.10`57.6"
45	Pataihat, Ward No.7 of Dainhat M		Dainhat Municipality	N A	23.61'459"	88.16'513"
46	Charpataihat, Ward No.9 of Dainhat M		Dainhat Municipality	N A	23.37'159"	88.94'98"
47	Charpataihat, Mondalpara, Ward No.10 of Dainhat M		Dainhat Municipality	N A	23.37'152"	88.10'092"

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	P.W.D. stock yard cum stadium at Bhatar.	Purba Bardhaman	Bhatar	Bhatar Gram Panchayat	23026'80" N	87054'31"E
2	Ausgram danga.		Ausgram-I	Ausgram	23.510394 " N	87'664597" E
3	Baikunthapur Rathtala math viti Mouza		Ausgram-II	Bhedia	23057'52" N	87072'02"E
4	Amaragarh High School Ground		Ausgram-II	Bhalki	23043'16" N	87058'39"E
5	Goramba Football Math		Galsi-II	Gohagram	23017'59" N	87037'13"E
6	Mithapur Football Math		Galsi-II	Gohagram	23016'35" N	87044'36"E
7	SAI Complex		Burdwan-I	Saraitikar GP	23.283875 N	87.8266429 E
8	Block Hd. Qrs. Ground at Barsul (Unnyani).		Burdwan-II	Barsul 2	23.183239	87.961149
9	Mohanbagan Ground. Kanainatsal Race Course Ground.		Burdwan Municipality	Burdwan Municipality	23.14'N	87.51'E
10	Selimabad CB Ground		Jamalpur	Jamalpur-1	23.077995N	87.995721E
11	Netaji Club Ground		Jamalpur	Jamalpur-II	23.065085N	87.989157E
12	Palla Road Football Ground		Memari-I	Daluibazar-I	23.102667 N	88.002975 E
13	Rasulpur High School Football Ground.		Memari-I	Daluibazar-I	23.186781 N	88.033728 E
14	Gontar Football Ground.		Memari-I	Gope Gantar-I	23.1968769 N	88.1286002 E
15	Memari Football Ground.		Memari-I			
16	Debipur Football Ground.		Memari-I	Debipur	23.17743 N	88.176463 E
17	Golapmoni High School Ground		Memari-II	Paharhati	23.13'N	8.857E
18	Satgachia Sporting Club Football Ground		Memari-II	Satgachia	231556.995N	88845.6900E
19	Shyamsundar Ground.		Raina-I	Shyamsundar	231029N	8786664E
20	Mohanpur Ground		Raina-I	Natu	23.165578N	87.943544E
21	Anguna Ground.		Raina-I	Anguna	23.099288	87.952601
22	Hijalana Ground.		Raina-I	Hijalana	231842373	879040975
23	Madhabdihi Football Ground		Raina -II	Arui	23.00.762N	087.51.990
24	Eklakhmi High School Football Math		Raina -II	Uchalan	22.995004	87.738213
25	Badulia Football Ground.		Khandaghosh	Sagrai	23.14856	87.81025
26	Khandaghosh Football Ground.		Khandaghosh	Khandaghosh	23.216846	87.68441
27	Bijohnagar Football Ground		Katwa-I	Sudpur	23.58806N	88.119669E
28	Katwa Stadium Ground.		Katwa-I	Katwa Municipality	23.647970N	88.128420E
29	Dainhat High School Ground		Katwa-II	Dainhat Munciplaity	23.6075N	88.1718E
30	Agradwip SCSN School Ground.		Katwa-II	Agradwip	23.5939N	88.2546E

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
31	Makalta High School Ground.		Katwa-II	Agradwip	23.6057N	88.2090E
32	Palita High School Ground.		Ketugram-I	Palita	23.3855.842N	87.5740.038E
33	Kandra Rice Mill Ground.		Ketugram-I	Kandra	23.4965.40N	87.338160E
34	Ankhona High School Ground.		Ketugram-I	Ankhona	23.480.00N	87.590.00E
35	Ketugram Football Ground.		Ketugram-II	kETUGRAM	23.701372 N	88.044636 E
36	Ketugram G.P. Premises at Nirol.		Ketugram-II	Nirol	23.732797 N	88.029014 E
37	Laldanga Math		Mongolkote	Mongolkote	23.527344	87.906998
38	Kaichar Satation Football Ground		Mongolkote	Kaichar-I	23.5386	88.0123
39	Unia Football Ground		Mongolkote	Paligram	23.32364	87.45272
40	Akandapur Football Ground		Kalna-I	Baghanapara	23.1413 N	88.1737 E
41	Kharinan High School Ground		Kalna-I	Nandai	23.195 N	88.1822 E
42	Dhartigram Football Ground		Kalna-I	Dhatrigrām	23.1607 N	88.1858 E
43	Kalna-I Block Premiscs		Kalna-I	Hatkalna	23.1348 N	88.2033 E
44	Atghoria Football Ground		Kalna-I	Atghoria simlon	23.1623 N	88.1646 E
45	Medgachi Football Ground		Kalna-I	Kankuria	23.1833 N	88.1601 E
46	Simlon High School Ground		Kalna-I	Atghoria simlon	23.1614 N	88.1512 E
47	Satgachi High School Compound.		Kalna-II	Satgachhi GP	23° 207091" N	88° 402492" E
48	Hatgacha Jr. High School Compound		Kalna-II	Kalyanpur GP	23° 164619"N	88° 356679" E
49	Angerson M.M High School Compound		Kalna-II	Pindira GP	23° 133547" N	88° 358064" E
50	Anukhal High School Compound		Kalna-II	Anukhal GP	23° 218931" N	88° 313364" E

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Army	Panagarh	Col. Surjeet Sing, Administrative Commandant	8447645467
			Col. Kamal Joshi, 2. Station staff Officer	9926409966
2	Indian Air Force	Air Force Station, Birudiah	Station Commander Air Force	0343- 2524277 0343-2524251
3	NDRF	Commandant 2nd Bn. NDRF, Haringhata Farm, Near RRI Camp, P.O.- Mohanpur, Dist.- Nadia Pin - 741 246 (West Bengal)	Commandant 2nd Bn. NDRF RESCUE TEAM UNDER NDMA	9474061104
4	Other Government Agencies	Badamtala, Purba Bardhaman	Office of the Superintendent of Police	90832 69942 0342 2662956

BIRBHUM

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Gobindapur Flood Shelter	Birbhum	Sainthia Block	Deriapur	23°93.93'	87°61.07"
2	Kalidaha Flood Shelter		Rampurhat-II	Bishnupur	24.13449736	87.89839983
3	Batina Flood Shelter		Rampurhat-II	Budhigram	24.72411	87.5132562
4	Labpur J.L.High School Flood Shelter		Labpur	Labpur	23.815152	87.799251
5	Sitalgram Flood Shelter		Labpur	Kurunnahar	23.808226	87.858505
6	Jahanabad Flood Shelter		Bolpur-Sriniketan	Singhee	23.57792	87.83747

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Gadar Pry. School	Birbhum	Sainthia	Bongram	87°45'30"	23°53'45"
2	Khorad Pry School		Sainthia	Bongram	87°45'15"	23°53'15"
3	Nirsinghapur Ramkrishna Ashram		Md.Bazar	Bhatura	87°34'30"	23°56'45"
4	Behira Pry. School		Md.Bazar	Bhatura	87°33'00"	23°56'45"
5	Rasulpur H School		Mayureswar-I	Bajitpur	87°41'15"	24°02'00"
6	Tekedda H.S Ground		Mayureswar-I	Jhikadda	87°43'00"	24°01'15"
7	Birchandrapur Footbal Gr		Mayureswar-I	Dabuk	87°51'30"	24°03'45"
8	Lochhiatore Foot Bal Gr		Mayureswar-I	Talao	87°47'30"	24°03'15"
9	Eastern Side of Ulkunda GP		Mayureswar-II	Ulkunda	87°48'30"	23°54'15"
10	Bargram Pry Schoo Ground		Mayureswar-II	Satpalsa	87°48'00"	23°54'30"
11	Dekha School Ground		Mayureswar-II	Dekha	87°49'30"	23°56'00"
12	Kotasur H School		Mayureswar-II	Kundola	87°42'30"	23°58'00"
13	Ayas High School		Rampurhat-I	Ayas	87°47'30"	24°15'00"
14	Balsa Pry School Gr		Rampurhat-II	Donigram	87°57'30"	24°12'00"
15	Kalidaha Pry School		Rampurhat-II	Dunigram	87°56'00"	24°12'45"
16	Lalitakundu Pry School Gr		Rampurhat-II	Bishnupur	87°54'30"	24°08'15"
17	Ranapur Pry School Gr		Rampurhat-II	Bishnupur	87°52'45"	24°07'15"
18	Margram H Madrasha School		Rampurhat-II	Sahapur	87°19'00"	24°06'15"
19	Baidra Barraze		Nalhati-I	Haridaspur	87°45'00"	24°15'30"
20	Sonarkundu PHC Gr		Nalhati-I	Bautia	87°45'30"	24°16'00"
21	Bujung Bus Stand		Nalhati-I	Barla	87°55'00"	24°15'00"
22	Makrampur River Embankment		Nalhati-I	Barla	87°56'45"	24°14'45"
23	Balarampur River Embankment		Nalhati-II	Sitalgram	87°58'30"	24°11'45"
24	Kamalpur Pry School		Nalhati-II	Sitalgram	87°58'30"	24°11'45"
25	Village Approach Rd		Nalhati-II	Sitalgram	87°58'30"	24°12'30"

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
26	Sitalgram PHC		Nalhati-II	Sitalgram	87°58'30"	24°13'30"
27	Nowapara GP office		Nalhati-II	Nowapara	88°45'00"	24°16'15"
28	Lohapur Rice Mill yard		Nalhati-II	Lohapur	87°96'04"	24°30'24"
29	Nandigram H.School Ground		Murarai-II	Nandigram	87°53'30"	24°29'15"
30	Edrakpur H.School Ground		Murarai-II	Jagigram	87°57'30"	24°28'30"
31	Paikar High School Ground		Murarai-II	Paikar	87°55'30"	24°26'00"
32	Thiba Football Ground		Labpur	Thiba	87°54'00"	23°48'30"
33	Flat Ground Near GP office		Labpur	Kirnahar	87°51'15"	23°47'45"
34	Labpur Sambhunath Collge		Labpur	Labpur I	87°48'00"	23°47'30"
35	Khunjhitipara H School		Nanoor	Noanagar Kodda	87°52'45"	23°36'15"
36	Natungram H School		Nanoor	Do	87°57'00"	23°37'54"
37	Brambhakahanda H School		Nanoor	Brambhakahanda	87°51'00"	23°35'00"
38	Bangachhatra Football Ground		Nanoor	Jalundi	87°50'00"	23°36'15"
39	Bezra Primary School		Bolpur-Sriniketan	Singhee	87°50'00"	23°35'00"
40	Singhee H.S Ground		Bolpur-Sriniketan	Singhee	87°48'30"	23°36'15"
41	Itanda Primary School		Bolpur-Sriniketan	Bahiri Panchsowa	87°36'15"	23°36'00"
42	Panchsowa H.S School Ground		Bolpur-Sriniketan	Bahiri Panchsowa	87°45'00"	23°38'00"
43	Rajatpur H.S Ground		Bolpur-Sriniketan	Rajpur Supur	87°42'15"	23°37'30"

NADIA

List of Flood Shelters:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Birnagar Municipality	Nadia	Birnagar Municipality	ward 11	23.2324913	88.5570923
2	Ranaghat Municipality		Ranaghat Municipality	Ward 20	23.25	88.3
3	Ranaghat-II		Ranaghat-II	Hijuli I GP	23.18852	88.57504
4	Krishnagar Municipality		Krishnagar Municipality	Ward 11	23.5.21'	88.33.31'
5	Nabadwip Municipality		Nabadwip Municipality	Ward 17	23.40465	88.37353
6	Nakashipara		Nakashipara	Nakashipara	23.33'49"	88.18'58"
7	Kalyani		Kalyani	Sarati	23.007572	88.439872
8	Chakdaha		Chakdaha	Tatla-II	23.0846-86	88.55-2634
9	Haringhata Municipality		Haringhata Municipality		22.9605105	88.5674032

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Swarnakhali Paikparavivekananda High School	Nadia	Krishnaganj	Joyghata	23.455683	88.696033
2	Chandannagar Rdp Institute Ground		Krishnaganj	Krishnaganj	23.41145	88.679217
3	Hat Chapra Ke High School		Chapra	Chapra	23.52124	88.55017
4	Moheshganj Pry. School Ground		Nabadwip	Swaupganj	23.41699	88.4069
5	Bamanpukur High School Ground		Nabadwip	Mayapur I	23.448121	88.405445
6	Anandabas Pry. School At Bhaluka		Krishnagar-I	Bhaluka	23.35978	88.38311
7	Haranagar Pry. School		Krishnagar-I	Bhandarkhola	23.443877	88.498613
8	Dharmada K.K. High School Ground		Nakashipara	Dharmada	23.537941	88.390796
9	Nadadi Obedia High School Ground		Nakashipara	Bikrampur	23.654218	88.329643
10	Patikabari Girls High School Ground		Nakashipara	Patikabari	23.623333	88.420083
11	Panighata Udm High School Ground		Kaliganj	Panighata	23.724903	88.294484
12	Palashipara Mgs Football Ground		Tehatta-II	Palashipara	23.789594	88.448262
13	Siddeswaritala Ins Football Ground		Tehatta-II	Gopinathpur	23.80621	88.475565
14	Barnia High School Football Ground		Tehatta-II	Barnia	23.721577	88.421431
15	Hanspukuria High School Football Ground		Tehatta-II	Hanspukuria	23.72843	88.47817
16	Shikarpur High School Football Ground		Karimpur-I	Shikarpur	23.986281	88.73803
17	Natidanga A.S. Vidyalaya Football Ground.		Karimpur-II	Natidanga I	23.968008	88.542393
18	Narayanpur High School Football Ground		Karimpur-II	Narayanpur	23.917025	88.515522
19	Baliadanga High Shool Football Ground		Karimpur-II	Murutia	23.933076	88.649713
20	Habibpur Play Ground		Ranaghat-I	Habibpur	23.195236	88.539377
21	Anandanagar Field		Ranaghat-I	Khishma	23.243709	88.604716
22	Nawpara High School		Ranaghat-I	Nawpara Masunda	23.163932	88.484966
23	Raghabpur Playground		Ranaghat-I	Ramnagar II	23.21009	88.54835
24	Aranghata Football Ground		Ranaghat-II	Aranghata	23.24417	88.61116
25	Duttafulia Play Ground		Ranaghat-II	Duttafulia	23.23891	88.70581
26	Santipur Police Station Ground		Santipur	Santipur Municipality	23.238634	88.446782

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
27	Gayeshpur School Ground		Santipur	Gayeshpur	23.288836	88.358567
28	Bagula Srikrishna College Ground		Hanskhali	Bagula II	23.329612	88.642747
29	Pragati Sangha Football Ground		Chakdaha	Chatla II	23.083936	88.543697
30	Monorama Sikshayatan Football Ground		Chakdaha	Madanpur II	23.0131	88.472148
31	Haringhata Farm Play Ground		Haringhata	Haringhata Municipality	22.942395	88.524109
32	B.C.K.V Ground		Haringhata	Haringhata Municipality	22.949498	88.532515
33	Nagrukhar High School Ground		Haringhata	Nagarukhra	22.939618	88.640105
34	Nimtala High School Ground		Haringhata	Kashtadanga II	22.98126	88.65934

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Border Security Force (BSF)	Simanagar, Chapra Block	99Bn BSF, Simanagar	7005463198
		Gabarkuli, Krishnagar II Block	Isubhas Ch Dogra, Inspector, 107 Bn BSF, Dhubilia	03472-295018 9434762460
		Krishnagar Road Station, Krishnagar I Block	Tarun Kr Biswas, HC , BSF	8170866858
2	Sarastra Seema Bal (SSB)	Mohanpur, haringhata, Kalyani	Mohanpur, Haringhata, Kalyani	8902681499
3	NDRF	Mohanpur, haringhata, Kalyani	2BN , NDRF	9474116775

MURSHIDABAD

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Anukha	MURSHIDABAD	Kandi	JasohariAnukha-I	23°55'26.03" N	88°59'43.07" E
2	Munigram		Kandi	JasohariAnukha-I	24°00'10.02" N	88°04'23.05" E
3	Bahara		Kandi	JasohariAnukha-I	23°56'18.00" N	88°01'02.09" E
4	Block Flood Shelter		Kandi	JasohariAnukha -II	23°57'01.85" N	88°02'15.33" E
5	BajeDohalia		Kandi	JasohariAnukha -II	23°57'02.07" N	88°01'59.00" E
6	Sadpur		Kandi	JasohariAnukha -II	24°00'47.04" N	88°00'28.01" E
7	Kalyanpur		Kandi	JasohariAnukha -II	23°00'47.04" N	88°00'28.01" E
8	Purandarpur High School		Kandi	Purandarpur	23°59'25.02" N	88°04'23.09" E
9	Purandarpur (Namupara)		Kandi	Purandarpur	23°59'38-01" N	88°04'09.02" E

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
10	Indrahata		Kandi	Purandarpur	24°00'47.06" N	88°06'28.01" E
11	Chator/Chanrapradpur		Kandi	Purandarpur	24°00'44.07" N	88°05'51.00" E
12	Dakshin Laxminarayanpur		Kandi	Purandarpur	24°00'43.02" N	88°04'38.08" E
13	Ranagram		Kandi	Purandarpur	24°01'25.02" N	88°05'48.03" E
14	Parbatipur		Kandi	Purandarpur	24°00'51.37" N	88°07'60.55" E
15	Purandarpur near Sadhubabu's House		Kandi	Purandarpur	23°99'41.95" N	88°07'55.43" E
16	PurandarpurPirtala		Kandi	Purandarpur	23°99'51.48" N	88°07'26.31" E
17	Mahadia		Kandi	Andulia	23°58'12.00" N	88°03'58.00" E
18	Jitpur		Kandi	Andulia	23°59'03.9" N	N21.0515.33" E
19	Andulia (Ghoshpara)		Kandi	Andulia	23°57'02.5" N	88°01'59.02E
20	Gobindapur		Kandi	Andulia	23°58'59.01 'N	88°05'18.03" E
21	Bishnupur		Kandi	Andulia	23°96'94.55 'N	88°06'04.00" E
22	Nawda		Kandi	Kumarsanda	24°04'05.4 'N	88°03'33.01" E
23	Ahirinagar		Kandi	Hizole	23°57'19.98" N	88°02'11.47" E
24	Natungram		Kandi	Hizole	23°57'01.85" N	88°02'15.33" E
25	Hizole (Bagachra)		Kandi	Hizole	23°59'40.07" N	88°07'57.05" E
26	Hizole (Benipur)		Kandi	Hizole	23°56'17.06" N	88°06'46.03" E
27	Gopalnagar		Kandi	Hizole	23°59'49.08" N	88°06'20.06" E
28	Amitya Flood Shelter		Kandi	Hizole	24°0'09.6" N	88°08'06.1" E
29	Hizole		Kandi	Hizole	23°55'57.02" N	88°06'31.02" E
30	Hizole		Kandi	Hizole	23°57'31.02" N	88°07'10.05" E
31	Bhabanandapur		Kandi	Hizole	23°57'01.85" N	88°02'15.33" E
32	Srikanthapur		Kandi	Hizole	23°59'27.1" N	88°06'29.5" E
33	Srikrishnapur		Kandi	Hizole	23°59'53.8" N	88°09'31.7" E
34	Subhashnagar		Kandi	Hizole	23°56'85" N	88°02'15.33" E
35	Ranipur		Kandi	Hizole	23°56'17.06" N	88°06'46.03" E
36	Baharia		hariharpara	Baharia	23.57'44.2"	88.22'29.1"
37	Udaynagar Khandla		Jalangi	Ghoshpara	24.126333	88.676667
38	Godhanpara		Raninagar-II	Raninagar-I	24.2158603	88.550971
39	Paschimchar Majhardiar		Raninagar-II	Kalinagar-I	24.18569	88.32136
40	Basgara		Raninagar-II	Malibari	24.12581	88.33
41	Ramchandrapur		Raninagar-II	Rajapur	24.16173	88.40366
42	Lalpur		Dhuliyani Municipality	Ward No-19	24.40'58.1"	87.57'21.1"
43	Purapara		Khargram	Padamkandi	24.07'46.3"	87.55'08"
44	Indrani		Khargram	Indrani	24.07'59.0"	88.00'44.7"
45	Haripur		Khargram	Mohishor	23.59'49.5"	88.03'37.7"
46	Mondalpur		Khargram	Balia	23.59'48.1"	87.59'57.7"
47	Saralia		Bedanga-I	Beldanga Municipality	23.55'44.7"	88.14'19.5"
48	Kumarpur		Beldanga-I	Sujapur-Kumarpur	23.57'18.1"	88.12'4.1"
49	Madda		Beldanga-I	Madda	23.55'22.7"	88.12'55.9"
50	Salar		Bharatpur-II	Salar	23.46'46.2"	88.6'66.9"
51	Satui Flood Shelter		Berhampur	Satui Chowrigacha	23.572	88.1119

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Nashipur Playground	Murshidabad	Raninagar I	Islampur	24°13.109	88°36.452
2	Playground of Islampur SCM High School		Raninagar I	Islampur	24°08.100	88°26.462
3	Domkal Stadium Field		Domkal	Domkal (M)	24.125354	88.550335
4	Ramnagar DN Club		Raninagar-II	Kalinagar-I	24.24	88.26
5	Bhagwangola High School Ground		Bhagwangola-I	Mahishathi	24°19'022"	088°17.700"
6	Orahar High School Ground		Bhagwangola-I	Sundarpur	24°19'43.5"	088°14'44.3"
7	Baranagar Govt. Spons. Free Pry. School, Azimganj		Murshidabad-Jiaganj	Mukundabag	24.116	88.283
8	Mukundabagh High School		Murshidabad-Jiaganj	Mukundabag	24.246	88.229
9	Aminabazar Adibasi Pry. School		Murshidabad-Jiaganj	Mukundabag	24.211	88.243
10	Jiaganj Raja Bijay Singh Vidyamandir		Murshidabad-Jiaganj	Bahadurpur	24.292	88.242
11	Nutangram High School		Murshidabad-Jiaganj	Nutangram	24.319	88.253
12	Hasanpur Rajeswari Vidyapith		Murshidabad-Jiaganj	Dangapara	24.166	88.372
13	Krishnapur Railway Ground		Lalgola	Bahadurpur	N24°41'1611"	E88°25'6215
14	Bholadanga Football Ground, Nabagram		Nabagram	Narayanpur	N24°11'21.4"	E088°08'20.1"
15	Chanak Taritananda Adibashi Vidyamandir Nabagram		Nabagram	Nabagram	N24°13.049"	E088°07.000"
16	Palsa Football Ground, Nabagram		Nabagram	Mohorul	N24°08.760"	E088°06.743"
17	Jangipur Barrage Ground at Bangabari village		Suti-I	Ahiran	24.51869	88.049871
18	Chhabghati KD Vidyalyay		Suti II	Mahesail-II	N24.592588	E88.038737
19	ADA Office Field, Suti-II Block		Suti II	Jagpai-II	N24.37187	E88.00239
20	Jagdal football Ground at Barala G.P.		Sagardighi	Barala	24.2846606	88.0841474
21	Vast field near Mahipal Rly. Station at Patkeldanga G.P.		Sagardighi	Patkeldanga	N24°36'56.7"	E087°56'25.4"
22	Mackenje Park		Raghunathganj-I	Jangipur (M)	24*28.921'	88*3.964'
23	Joykrishnapur ABS Vidyapith		Samsanganj	Protapganj	24.631111	87.9352222

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
24	Farakka Helipad near Ganga bhawan		Farakka	Dewa-I	24°48'56.3"N	87°54'52.2"E
25	Farakka Helipad near Ganga bhawan		Farakka	Dewa-I	24°48'54.6"N	87°54'53.0"E
26	Farakka Helipad near Ganga bhawan		Farakka	Dewa-I	24°48'53.1"N	87°54'53.9"E
27	Nowda block office ground		Nowda	Nowda	23°55.42	88°27.12.5
28	Jhowbona high school ground		Nowda	Kedarchar-II	23°55.351	88°20.425
29	Sarajubala vidyapith ground		Nowda	Roypur	23°56.357	88°2.057
30	Dangapara mokterpur jr. High ground		Nowda	Madhupur	23°57.352	88°29.578
31	Amtala high school ground		Nowda	Nowda	23°55.156	88°27.128
32	Brindabanpur s. Smriti high school ground		Nowda	Nowda	23°53.176	88°30.158
33	Sarbangapur j.k.s.a.vidyapith ground		Nowda	Sarbangapur	23°53.175	88°22.245
34	Bali gandi memorial high school ground		Nowda	Bali-I	23°49.327	88°22.689
35	Tungi s. S. Nanda high school ground		Nowda	Bali-I	23°50.542	88°25.753
36	Shyamnagar high school ground		Nowda	Bali-II	23°48.754	88°25.046
37	Beldanga C.R.G.S. High School		Beldanga 1	Beldanga (M)	23.9386	88.2511
38	Debpur High School		Beldanga 1	Chailaxyapur-I	23.99749	88.28467
39	Satui Paschim		Baharampur	Satui Chowrigacha	23.572	88.1119
40	Hariharpara Football Ground		Hariharpara	Hariharpara	23°50'284"	88°10'500"
41	Pratap Sangha Play Ground		Beldanga 2	Saktipur	23°50'284"	88°10'500"
42	1) Khamra Bhabki High School		Raghnathganj-II	Sekhalipur	24.43	88.13
43	2)Gobindapur High School			Kashiadanga	24.38	88.11
44	3)Kantakhali Puthia High School			Sekhalipur	24.41	88.13
45	4)Sekendra High School			Sekendra	24.5	88.05
46	5)Mithipur Flood Shelter			Mithipur	24.48	88.08
47	6)Osmanpur Flood Shelter			Jutkamal	24.27	88.07
48	7)Laxmijola GP	Laxmijola		24.48	88.16	

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
49	Bharatpur Alia High School Ground		Bharatpur-I	Bharatpur	23.883333	88.066667
50	Sijgram High School Ground			Sijgram	23.872	88.1405
51	Nagar Pirtala at Nagar, P.S.-Khargram, Dist-Murshidabad		Khargram	Kirtipur	24*5.2203	087*59.222
52	Kanduria High School at Kanduria, P.S.-Khargram, Dist-Murshidabad.			Eroali	24*2.220	87*59.160
53	Khargram Uddyogi Sangha Maidan (Near Khargram Police Station)			Khargram	24001'43.9	87058'45.2
54	Salar EZ high school		Bharatpur-II	Salar	23*46(N)	88*8(E)
55	Play Ground of ANM high school kargram GP			Kargram	23.753260(N)	88.147633(E)
56	1.Kuli High School ground		Burwan	Kuli	23*58.260	87*57.061
57	2.Nabadurga Junior High School			Kuli	23*57.781	87*59.581
58	1. Telduma G.P. Office			Sabaldaha	23*57.244	87*55.085
59	1.Kantur Jalibagan More(Road)			Biprasekhar	23*55.863	87*52.983
60	2.Srihatta Junior High School			Biprasekhar	23*55.741	87*55.582
61	1.Burwan High School			Burwan-I	23*55.380	87*56.340
62	1.Parsalika football ground			Burwan-II	23*54.174	87*57.084
63	1.Mandra High School			Kurunarun	23*51.781	87*53.360
64	2.Kurunnarun G.P.Office at Seuli			Kurunarun	23*52.353	87*54.374
65	1.Ramnagar Sahora High School			Sahora	23*54.300	87*51.420
66	1.Sundarpur high school ground			Sundarpur	23*51.900	87*57.181
67	2.Baidyanathpur More (Road)			Sundarpur	23*51.000	87*58.080
68	3.Majlishpur More (Road)			Sundarpur	23*50.100	87*58.080
69	1.Sabalpur G.P. office at Satitara			Sabalpur	23*54.061	87*58.440
70	1.Pulia Pry. School	Panchthupi	23*51.784	87*59.400		
71	2.Panchthupi T.N.Institution ground.	Panchthupi	23*53.250	87*58.447		

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
72	Berhampore Stadium		Berhampore	Berhampore (M)	24.093254°N	88.258906°E
73	N.B.I Play Ground,		Murshidabad	Murshidabad (M)	24.1896728	88.268107
74	Astable Play Ground				24.1768979	88.2730145
75	Domkal Stadium		Domkal	Domkal (M)	24.12403861	88.55156422
76	SAMSERGANJ FIELD		Samsorganj	Dhulyian(M)	24°49'N	87°55'E
77	BELDANGA CRGS HIGH SCHOOL PLAY GROUND		Beldanga	Beldanga(M)	23.9359°N	88.2515°E
78	Mohanbagan Play Ground beside Kandi S.D. Hospital, P.O.-Kandi, Murshidabad		Kandi	Kandi(M)	23°57'09.2"N	88°02'12.3"E
79	RMC Ground beside B.D.O. Office , Kandi		Kandi	Kandi(M)	23°57'01.7"N	88°02'19.3"E

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Army	Nabagram	Jaskaran Sing	9592331360
2	Border Security Force (BSF)	6BN, RPF	Control Room	9717636308
3	NDRF	Haringhata Kalyani	Rajendra Rana Commandant	7063522311

MALDA

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Bedrabad Flood Shelter	Malda	Kaliachak-III Dev Block	Bedrabad GP	24*48'N	87*59'E
2	Birnagar-II Flood Shelter		Kaliachak-III Dev Block	Birnagar-II GP	24*86'N	87*97'E
3	Krishnapur Flood Shelter		Kaliachak-III Dev Block	Krishnapur GP	24*61'N	87*72'E
4	Kumbhira Flood Shelter		Kaliachak-III Dev Block	Kumbhira GP	24*73'N	88*03'E
5	Perdeonapur/ Sovapur		Kaliachak-III Dev Block	Perdeonapur/ Sovapur GP	24*70'N	88*00'E
6	Hcpur-II Block primisses		Harischandrapur-II Dev Block	Hcpur-II Block primisses	25*4164212"	87*8546043"
7	Fatepur junior Basic School		Harischandrapur-II Dev Block	Fatepur GP	25*1754.6"	87*5135.8"
8	Dharampur Flood Shelter		Manikchak Dev Block	Dharampur GP	25*3.18'57N	87*56'0.01E

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
9	Hiranandapur Flood shelter		Manikchak Dev Block	Hiranandapur GP	25*10.223.25N	87*49'37.96E
10	Uttarchandipur Flood Shelter		Manikchak Dev Block	Uttarchandipur GP	25*7.31.41N	87*52'10.23E
11	Manikchak Flood Shelter		Manikchak Dev Block	Manikchak GP	25*06N	87*89E
12	Dakshin Chandipur Flood Shelter		Manikchak Dev Block	Dakshin Chandipur GP	25*08.02.1N	87*80.00.02E
13	Manikchak Flood Shelter		Manikchak Dev Block	Manikchak GP	25*119N	87*89E
14	NayaBilaimari Flood Shelter		Ratua-I Dev Block	Naya Bilaimari	25*21542	87*84921
15	Dwarakatola Flood Shelter		Ratua-I Dev Block	Dwarakatola GP	25*23592	87*85503
16	Chhabitola Flood Shelter		Ratua-I Dev Block	Chhabitola GP	25*3069	87*8358
17	Rajnaragar Flood Shelter		Kaliachak-II Dev Block	Rajnaragar GP	24*52'11.629N	87*58'20.6544E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Harishchandrapur High School Ground.	Malda	Harishchandrapur-I Dev Block	Harishchandrapur GP	25.4164417	87.8776409
2	Tulshihata High School		Harishchandrapur-I Dev Block	Tulshihata GP	25.0108312	88.1411123
3	Kushida High School		Harishchandrapur-I Dev Block	Kushida GP	25.5271221	87.9457112
4	Bhaluka Irrigation Bungalow Ground.		Harishchandrapur-II Dev Block	Bhaluka GP	25.2840129	87.8851056
5	Teljana Irrigation Bungalow Premises.		Harishchandrapur-II Dev Block	Teljana GP	25.3710357	87.8380134
6	Doulat Nagar School Ground.		Harishchandrapur-II Dev Block	Doulatnagar GP	25.4211922	87.8294726
7	Manikchak Sikshaniketan		Manikchak Dev Block	Manikchak GP	25.0679753	87.9032943
8	Najirpur Football Ground.		Manikchak Dev Block	Najirpur GP	25.1287689	87.9071015
9	Samsi College Ground		Ratua-I Dev Block	Samsi GP	25.2772843	88.0114901
10	Ratua Football Ground		Ratua-I Dev Block	Ratua GP	25.2004887	87.9259168
11	Pukuria High School.		Ratuall Dev Block	Pukuria GP	25.1466843	88.0167926
12	South Malda College (Lakshmipur GP)		Kaliachak-III Dev Block	Lakshmipur GP	25.0402023	88.0281012
13	Baishnabnagar High School Field.		Kaliachak-III Dev Block	Baishnabnagar GP	25.2477523	88.296212

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
14	Play ground of Sovanagar High School		Englishbazar Dev Block	Sovanagar GP	25.042267	87.9766
15	Play ground of Milki High School		Englishbazar Dev Block	Milki GP	25.03195	88.0003
16	Play ground of Raigram High School		Englishbazar Dev Block	Amrity GP	25.0221752	88.0474484
17	Play ground of Sattari High School		Englishbazar Dev Block	Binodpur GP	24.9918	88.03678
18	Play ground of Nagharia High School		Englishbazar Dev Block	Fubaria GP	25.0413	88.02758
19	Play ground of Budhia High Madrasah		Englishbazar Dev Block	Narhatta GP	25.08711	88.08513
20	Play ground of Kamlabari Agnishikha Club & Library		Englishbazar Dev Block	Jadupur-I GP	25.009347	88.069979
21	Play ground of Chandipur BRS High School		Englishbazar Dev Block	Kazigram GP	24.98917	88.08159
22	Play ground of Kotwali High School		Englishbazar Dev Block	Kotwali GP	25.0453	88.11134
23	Play ground of Gouriya High School		Englishbazar Dev Block	Mahadipur GP	24.8852671	88.13796
24	Football Ground of Gazole High School		Gazole Dev Block	Gazole-I GP	25.12'50.457"	88.11'41.316"
25	Tiakati High School Ground		Gazole Dev Block	Bairgachhi-II GP	25.11'45.384"	88.07'40.993"
26	Football Ground of Panchpara		Gazole Dev Block	Gazole-II GP	25.13"07.918	88.09'35.694"
27	Football Ground of near Uttar nowgram		Gazole Dev Block	Karkach GP	25.16'06.031"	88.13'00.000"
28	Football Ground at Altore		Gazole Dev Block	Raniganj-II GP	25.10'41.498"	88.17'42.026"
29	Football Ground of Raniganj High School		Gazole Dev Block	Raniganj-I GP	25.07'31.096"	88.15'55.231"

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Army	Sukhna, Siliguri	Corps Commandant	0353-2534196
		Sukhna, Siliguri	Admn Commandant	0353-2513319
		Sukhna, Siliguri	Col. SK Mahapatra, 111 Sub Area	0353-2480033
		Sukhna, Siliguri	Station Commandant, Bengdubi	0353-2480010
2	Border Security Force (BSF)	Narayanpur, Malda	Deputy Inspector General, BSF, Malda	352260389

DAKSHIN DINAJPUR

List of Multi Purpose Cyclone Shelter:

Sl. No.	Name of MPCS	Location			Lat (N)	Long (E)
		District	Block	Gram Panchayat		
1	Gopalganj RN High School	Dakshin Dinajpur	Kumarganj	Ramkrishnapur	25.424813	88.07448
2	Nakkati FP School		Kumarganj	Ramkrishnapur	25.421764	88.742295
3	Rasulpur Flood Shelter		Kumarganj	Samjhia	25.486586	88.762728
4	Baram Flood Shelter		Kumarganj	Mohana	25.352632	88.758922
5	Chadganj Flood Shelter		Kumarganj	Safanagar	25.454513	88.712288

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat	Long
		District	Block	Gram Panchayat		
1	Dakra Coloney Flood Shelter	Dakshin Dinajpur	Balurghat	Chakvrigu	25°14'56.796"N	88°46'14.376"E
2	Kalikapur Flood Shelter (Kalikapur High School),		Balurghat	Boalder	25°15'16.668"N	88°46'25.4424"E
3	Magurpur Flood Shelter,		Tapan	Ramparachenchara GP	25.32N	88.44E
4	Ajmatpur Anchal High School flood shelter		Tapan	Ajmatpur GP	25.3289'N	88.5120'E
5	Bazrapukhur Jr. Basic School shelter		Tapan	Ajmatpur GP	25.3634'N	88.5120'E
6	Kardaha High School shelter		Tapan	Ramchandrapur GP	25.2944'N	88.2545'E
7	Ramchandrapur High School shelter,		Tapan	Ramchandrapur, Ramchandrapur GP	25.2623'N	88.2545'E
8	Bakharpur High School shelter, Bakharpur, Gurail GP		Tapan	Bakharpur, Gurail GP	25.2149'N	88.5702'E
9	Hili Flood shelter (Anchal Bhaban JI. 25)		Hili Dev. Block	Hili	25*16'54.0N	89*00'20.1E
10	Hili Flood shelter (SHG Building JI. 25)		Hili Dev. Block	Hili	25*287'641N	89*003E
11	Kismothdapat Flood shelter(Dhalpara JI. 35)		Hili Dev. Block	Dhalpara	25*16'56.5N	89*56'18.7"E
12	Teor Hat khola Flood Shelter (JI. 62)		Hili Dev. Block	Binshira	25*15'48.6"N	89*53'41.8"E
13	Jamalpur M.S.K Flood Shelter (JI. 81)		Hili Dev. Block	Jamalpur	25*14'21.4"N	88*56'51.1"E

Sl. No.	Name of Flood Shelter	Location			Lat	Long
		District	Block	Gram Panchayat		
14	Jamalpur Maniko Asibashi High School (Jl. 75)	Jamalpur	Hili Dev. Block	Jamalpur	25°12'55.6"N	88°55'45.2"E
15	Narkel Bagan Flood Shelter		Hili Dev. Block	Jamalpur	25°12'54.5"N	88°55'48.9"E
16	Gopalganj RN High School		Kumarganj	Ramkrishnapur	25.424813	88.07448
17	Nakkati FP School		Kumarganj	Ramkrishnapur	25.421764	88.742295
18	Rasulpur Flood Shelter		Kumarganj	Samjhia	25.486586	88.762728
19	Baram Flood Shelter		Kumarganj	Mohana	25.352632	88.758922
20	Chadganj Flood Shelter		Kumarganj	Safanagar	25.454513	88.712288
21	Utsab Bhaban		Balurghat	0	1/2 K.M.	
22	Hari Bhajan F.P.School		Balurghat	0	1/2 K.M.	
23	Mani Mela F.P.School		Balurghat	0	1/2 K.M.	
24	Bidhya Sagar F.P.School		Balurghat	0	1/2 K.M.	
25	N.C.High School		Balurghat	0	1 K.M.	
26	Ankhirapara F.P.School		Balurghat	0	1 K.M.	
27	Dakra Flood Shelter		Balurghat	0	1 K.M.	
28	Belaine F.P.School		Balurghat	0	1 K.M.	

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Mahinagar Air Port	Dakshin Dinajpur	Balurghat	Danga	25°15'46.656"N	88°47'48.66"E
2	Gangarampur Kaldighi Stadium		Gangarampur	Gangarampur	25.4062	88.517799
3	Kushmandi High School Play Ground		Kushmandi	Kushmandi	25.52525	88.366639
4	Dangram High School Ground		Harirampur	Shirshi	25.3673644	88.2613097
5	Bansihari Balika Vidhyalaya		NA	NA	25.3957	88.3947
6	Buniadpur Municipality Football Ground		NA	NA	25.3916	88.3985
7	Gangarampur Stadium		Gangarampur	18	25`24`17"	88`32`16.1"
8	Bangarh		Do	15	25.4142	88.5311

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Border Security Force (BSF)	137 BN BSF & 61 BN BSF Vill :Par-Patiram PO: Atrai		137 BN BSF 035-2225-3720 61 BN BSF 035-2225-3078
2	Other Government Agencies	Fire & Emergency Service Vill: Hossainpur PO : Balurghat	Narendranath Roy Officer-in-Charge	9749062026

UTTAR DINAJPUR

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)	
		District	Block/ Municipality	Gram Panchayat/ Ward			
1	Banagram BS High School Flood Shelter	Uttar Dinajpur	Itahar	Gulandar-1	25°28.233'N	88°07.693'E	
2	Chakla Flood Shelter			Itahar	25°25.815'N	88°23.666'E	
3	Municipal Campus Flood Shelter		Dalkhola Municipality	Dalkhola Municipality	25.8760° N	87.8390° E	
4	Pouti High School Flood Shelter			Rasakhowa-1	25°55.260'N	88°04.679'E	
5	Sabdhan High School Flood Shelter			Lahutara-1	25°48.341'N	88°01.434'E	
6	Raghabpur High School Flood Shelter			Altapur-1	25°45.549'N	88°01.444'E	
7	Bardohi FP School Flood Shelter			Rasakhowa-2	25°50.291'N	88°05.350'E	
8	Radhikapur High School IFlood Shelter			Radhikapur	25°38.538'N	88°26.299'E	
9	Ramganj Flood Shelter			Kaliyaganj	Radhikapur	25°38.478'N	88°26.005'E
10	Maljum Flood Shelter				Radhikapur	25°37.337'N	88°26.713'E
11	Chakdilal Flood Shelter				Radhikapur	25°37.284'N	88°26.092'E
12	Bahin Flood Shelter			Raiganj	Bahin	25°37'02.45"N	88°07'36.81"E
13	Bhitia Flood Shelter				Gouri	25°35.764'N ;	88°02.274'E
14	Anantapur Flood Shelter				Gouri	25°34.793'N ;	88°01.975'E
15	Sariatala Flood Shelter				2 no Jagadishpur	25°44.110'N ;	88°03.450'E
16	Surjapur High School			Goalpokhar-II	Surjapur-1	25°.9366'N ;	87°.8486'E
17	Chakulia High School				Chakulia	26°.0247'N ;	87°.96222'E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Sonapurhat Mahatma Gandhi H.S. Ground	Uttar Dinajpur	Chopra	Sonapur	26.400944	88.286944
2	Chopra High School Ground		Chopra	Chopra	26.351917	88.311250
3	Islampur High School Ground		Islampur	Islampur Municipality	26.250611	88.183333
4	Ramgaj PTTI Ground		Islampur	Ramganj	26.322694	88.293694
5	Kichaktola High School Ground		Goalpokher-I	Sahapur-I	25.984528	88.100583
6	Goalpokher Lodhan High School Ground		Goalpokher-I	Lodhan	26.067639	88.111194
7	Goagaon PHC Ground		Goalpokher-I	Goagaon	25.940389	88.054472
8	Chakulia BPSG Ground		Goalpokher-II	Chakulia	26.017306	87.100667
9	Rashakhowa High School Ground		Karandighi	Rasakhowa-I	25.834722	88.043722
10	Altapur High School Ground		Karandighi	Altapur-I	25.718806	88.001861
11	Titpukhur High School Ground		Karandighi	Altapur-I	25.733500	87.971750
12	Karandighi BDO Office Ground		Karandighi	Karandighi	25.818361	87.919667
13	Karnajora High School Ground		Raiganj	Kamalabari-I	25.650528	88.147556
14	Rampur Indira Ochcha Vidyapith Ground		Raiganj	Rampur	25.684500	88.111500
15	Raiganj Stadium Gound		Raiganj	Raiganj Municipality	25.610361	88.129778
16	Bhogram V.M.B Madrasah Ground		Hemtabad	Bishnupur	25.717917	88.250750
17	Dehuchi Jr. High School Ground		Hemtabad	Hemtabad	25.701806	88.241500
18	Hemtabad Adarsha Vidyalaya Ground		Hemtabad	Hemtabad	25.677306	88.218750
19	Ashmanhat F.P. School Ground		Hemtabad	Chainagar	25.768889	88.256111
20	Radhikapur Railway Station Campus		Kaliyaganj	Radhikapur	25.643194	88.448000
21	Dalimgaon Railway Station Campus		Kaliyaganj	Donkhoil	25.640694	88.386389
22	Itahar High School Ground		Itahar	Itahr	25.450056	88.173083
23	Marnai S.C. High School Ground		Itahar	Marnai	25.351306	88.136917

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Army	Nil	Nil	Nil
2	Border Security Force (BSF)	140 Bn.BSF, Raiganj	Commandant	221167, Ex-252742
		120 Bn. BSF, Raiganj	Commandant	221744, Ex-221739
		23 Bn. BSF, Panjipara	Commandant	03526-266785

JALPAIGURI

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Dodalia Flood Shetler	Jalpaiguri	Sadar	Patkata	26.6033	88.6842
2	Paharpur Nacchiruddin School Flood Rescue Shelter		Sadar	Paharpur	26.5755	88.7328
3	Tantipara Flood Shelter		Sadar	Boalmari Nandanpur	26.4408	88.7581
4	Mouamari Government Flood Rescue Shelter		Maynaguri	Maynaguri	26°33'34.54"	88°48'58.48"
5	Betgara flood Rescue Shelter		Maynaguri	Amguri	26°36'36.5"	88°52'42.59"
6	Kukurjan high School Flood Shelter		Rajganj	Kukurjan	26.49667	88.582417
7	Sukhani High Madrasa School Flood Shelter		Rajganj	Sukhani	26.503985	88.532709
8	Sannyasikata High School Flood Shelter		Rajganj	Sannyashikata	26.585098	88.458812
9	Magurmari-II Flood Shelter		Dhupguri	Salbari - II	26.41.88	88.53.424
10	Salbari- II Flood Shelter		Dhupguri	Magurmari - II	26.35.535	88.56.346

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Jalpaiguri Govt. Engg. College playground	Jalpaiguri	Sadar	Patkata	N26°32'30.4"	E-88°42'30.04"
2	PanchiramNahata High School Play Ground		Sadar	Paharpur	N26°36'33.8"	E-88°39'13.8"
3	Bodaganj Jr. Basic School Play Ground		Sadar	Baropetia Notun bos	N26°30'33.4"	E-88°37'26.8"
4	Kshetramohan High School Play Gourn		Sadar	Mondalghat	N26°27'56.4"	E-88°43'12.9"
5	KachuaBoalmari High School Play Ground		Sadar	Boalmari nandanpur	N26°23'52.0"	E-88°47'09.3"
6	Jalpaiguri Zilla School playground		Sadar	Kharia	N26°36'42.8"	E-88°43'12.09"
7	Jalpaiguri Assam More Helipad Ground		Sadar	Arabindo	N-26°52'53"	E-88°68'94"
8	Rajgunj M.N High School		Rajganj	Sukhani	N26°33'36.7"	E-88°30'50.8"
9	Himalaya Academy		Rajganj	Majhiali	N26°33'1.6"	E-88°30'33.8"
10	RPF training center ground		Maynaguri	Domohani	N26°34'37.4"	E-88°46'17.1"
11	AmguriRammohan High School ground		Maynaguri	Amgrui	N26°37'31.7"	E-88°50'26.9"
12	Dhupguri Football Ground		Dhupguri	Dhupguri Municipality	N26°35'10.8"	E-89°00'32.4"
13	Mal BDO Office Compound		Mal	Mal	N26°52'08.88"	E-088°44'13.84"

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
14	Oodlabari IOC Helipad		Mal	Oodlabari	N26°52'08.88"	E-088°44'13.84"
15	ChalshaGayanath Vidyapith		Matiali	Chalsha	N26°52'34.06"	E-088°48'22.7"
16	Salbari No-3 BFP School		Matiali	Salbari	N26°50'41.0"	E-088°45'53.09"
17	Tia Bon ,Chalsa		Matiali	Batabari-I	N26°51'30.9"	E-88°48' 24"
18	North Kherkata		Nagrakata	Angrabhasa-II	N26°45'14.7"	E-88°56'5.9"
19	Kalabari High School Ground		Nagrakata	Angrabhasa-I	N26°45'56.2"	E-88°56'49.5"
20	Europeon Club Ground		Nagrakata	Sulkapara	N26°52'59.2"	E-88°55'7.2"

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Indian Army	Binnaguri Military Station, Jalpaguri	Capt. Akarsh Das, Officer-in-Commanding	8921835404
2	Border Security Force (BSF)	Raninagar, Jalpaiguri	DIG, BSF	03561250554
3	Sarastra Seema Bal (SSB)	Sector, HQ, SSB, Panga, Jalpaiguri	Sri. Parikshita Behera, DIG, SHQ, Panga	9434057560/ 9434075864
4	NDRF	Haringghata, Nadia	Shibu Mondal, Assist. Commandant	7002505450
5	SDRF	Dabgram, Jalpaiguri	Quazi Samsuddin Ahmed, Dy. Commandant	9647700790/ 03532568625

ALIPURDUAR

List of Flood Shelter:

Sl. No.	District	Block	Gram Panchayat	Latitude	Longitude
1	Alipurduar	Kumargram	Volka Barobisha	26° 27'21" N	89°52'14" E
2		Kumargram	Kumargram	26° 27'39" N	89°49'35" E
3		Kumargram	Khoardanga	26° 30'39" N	89°46'8" E
4		Alipurduar-II	Sovaganj	26° 32'48" N	89°40'10" E
5		Alipurduar-II	Kharia Basti	26° 31'30" N	89°43'45" E
6		Alipurduar-I	Pararpar	26° 29'53" N	89°28'34" E
7		Alipurduar-I	Tapshikhata	26° 29'57" N	89°27'47" E
8		Alipurduar-I	Purba Kathalbari	26° 30'26" N	89°19'3" E
9		Alipurduar-I	Banchukamari	26° 23'35" N	89°34'4" E
10		Falakata	Guabarnagar	26° 34'6" N	89°6'20" E
11		Falakata	Jateswar	26° 33'36" N	89°9'19" E
12		Kalchini	Mendabari	26° 37.24' N	89°24.2' E
13		Kalchini	Satali	26° 40.98' N	89°23.57' E
14		Madarihat-Birpara	Khairbari	26° 40'33" N	89°12'51" E
15		Madarihat-Birpara	Khairbari	26° 43'31" N	89°16'37" E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	District	Block	Gram Panchayat	Latitude (in mints & seconds)	Longitude (in mints & seconds)
1	Indira Colony	Alipurduar	Alipurduar-II	Samuktala	26° 32'48" N	89°40'10" E
2	Kunjanagar		Falakata	Mairadanga	26°55'53" N	89°24'33" E
3	Parade Ground		Alipurduar-I	Alipurduar Municipality	26°30'2" N	89°31'56" E

List of Emergency Services:

Sl. No.	District	Name of Agency	Address	Contact person Name & Designation	Phone No.
1	Alipurduar	Indian Air Force	Hasimara	VS Hardas Group Captain	03566 255401
2		Sarastra Seema Bal (SSB)	Falakata	Sashisekhar	8873846677

COOCHBEHAR

List of Flood Shelter:

Sl. No	Name of the flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	BOXIRHAT HIGH SCHOOL	Cooch Behar	TUFANGANJ-II	BHANUKUMARI-I	26.32809	89.76194
2	FALIMARI G.P.SCHOOL		TUFANGANJ-II	FALIMARI	26.23402	89.49095
3	RAMPUR GIRLS HIGH SCHOOL		TUFANGANJ-II	RAMPUR-II	26.26069	89.48
4	NEZIRAN DEOTIKHATA PRIMARY SCHOOL		TUFANGANJ-II	RAMPUR-I	26.46682	89.837
5	CHHOTOSALBARI CHAR 5TH PLAN PRI SCHOOL		Sitalkuchi	Chhoto Salbari	26.1814	89.2864
6	MAHISHMURI 5th Plan PRI SCHOOL		Sitalkuchi	Khalisamari	26.2933	89.1086
7	SALBARI B.O.P FLOOD SHELTER		Sitalkuchi	Khalisamari	26.3063	89.1066
8	Hazrahat -IGram Panchayat		Mathabhanga-I	Hazrahat-I	26°24.773	89°10.794
9	Kederhat Gram Panchayat (Giladanga)		Mathabhanga-I	Kedarhat	26°46.174	89°12.431
10	North Singijani Floodshelter. Dept.		Mathabhanga-II	Boro Soulmari	26.50638888	89.1727778
11	Putimari flood shelter		Mathabhanga-II	Latapota	26.47222222	89.2905556
12	Block HQ. Flood shelter.		Mathabhanga-II	A.K. Paradubi	26.2008.3	89°15'10.5
13	Balabhut flood Shelter		Tufanganj-I	Balabhut	26°12'13.9"	089°42'06.0"
14	Sholadanga C.S.Pry. School cum Flood Shelter		Tufanganj-I	Balarampur-I	26°15'12.6"	89036'13.8"

Sl. No	Name of the flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
15	Notafela flood shelter		Dinhata-II	Nazirhat-II G.P	26° 12'24.0"	89°36'13.8"
16	Jaridharla 5th Plan Pry School		Dinhata-I	Gitaldaha II GP	26.00917	89.44778
17	<i>Panisala Flood Shelter</i>		Coochbehar - I	<i>Panisala G.P.</i>	26°17' 30.2"	89°29' 26.8"
18	Putimari Boxirbash 5th Plan Pry.School		Coochbehar - II	Patlakhawa	26.45'66"	89.30'50.15"
19	Maltiguri 5 th Plan Pariamy School		Coochbehar - II	T-Rajarhat	26.19'58.7"	89.25'58.1"

List of Air Dropping Points:

Sl. No	Location for Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Techno India Group Public School, Madhupur	Cooch Behar	Cooch Behar-II	Madhupur	26°21'42.1	89°23'49.8
2	Damodarpur 5th Plan Pry. School, Takagachh-Rajarhat		Cooch Behar-II	Takagachh-Rajarhat	26°32'81.8	89°41'312"
3	Silbari Hat (Palashbari) High School		Cooch Behar-II	Patlakhawa	26°30'39.8	89°18'153"
4	Marichbari High School		Cooch Behar-II	Marichbari Kholta	26°46'77.8	89°18.46"
5	Purba Kholta New Pry. School		Cooch Behar-II	Marichbari Kholta	26°44'68	89°53.46"
6	Dhaluabari High School Ground		Cooch Behar-I	Panishala	26°16' 53.3"	89°27'57.6"
7	Pran Nath High School Ground		Cooch Behar-I	Chandamari	26°22'95.3"	89° 32' 57.7"
8	Bhetaguri LBS's Play Ground		Dinhata-I	Bhetaguri-I	26°11'57.9"	89°28'31.7"
9	Jarabari HS School Play Ground		Dinhata-I	Putimari-I	26°9'56.5"	89°29'-35.8"
10	Baranachina H/C Ground		Dinhata-I	Putimari-II	26°9'0.5"	89° 27'25'
11	Matalhat GP School Ground		Dinhata-I	Matalhat	26°10'12.7"	89° 25'3.62"
12	Gosanimari HS School Ground		Dinhata-I	Gosanimari-I	26° 8' 13.5"	89°21'35.5"
13	Barasoulmari Football Ground		Dinhata-I	Barosoulmari	26°6'37.51"	89°27'0.5"
14	Harirhat HS School Ground		Dinhata-I	Gitaldaha-I	26° 1'51.1"	89°27'0.5"
15	Okrabari HS School Ground		Dinhata-I	Okrabari	26° 4'6.8"	89°27'59.5"
16	Radhanagar Colloney Pry School		Dinhata-I	Atiabari II	26°6'13.6"	89°28'7.3"
17	Ajim Miah Play School Ground		Dinhata-I	Dinhata Village I	26° 7' 38.2"	89°28'24"

Sl. No	Location for Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
18	Nigam Nagar HS School Ground		Dinhata-I	Dinhaata Village II	26° 7' 12.8"	89°30'51.4"
19	Jamadarerbosh HS School Ground		Dinhata-I	Petla	26° 6'29.1"	89°24'6.1"
20	Salmara High School Premises at Nazirhat-II GP		Dinhata-II	Nazirhat-II	26° 20.82"	89.62.29"
21	Vivekananeda club football ground (Sahebganj)		Dinhata-II	Sahebganj	26° 07.05"	89° 35.50
22	Sitai High School Ground		Sitai Block	Sitai-I	26° 03.57"	89° 23.01
23	Natabari Football Ground		Tufanganj-I	Natabari-I	26.23'24.1"	89.35'19.9"
24	Falimari Neheru Vidyapith		Tufanganj-II	Falimari	26.22'08.2"	89.49'43.0"
25	Jorai Play Groun		Tufanganj-II	Rampur-I	26.27'09.6"	89.48'24.4"
26	Mahishkuchi High School Ground		Tufanganj-II	Mahishkuchi-I	26°22'50.6"	89°45'53.2"
27	Playground of Upenchowki Kuchlibari High School		Mekhliganj	Kuchlibari	N 26' 15' 1.4"	89° 00'06.5"
28	Playground of Uchalpukuri Krishak Udyog High School		Mekhliganj	Uchulpukuri	26" 28'S3.6"	89° 01'0.3"
29	Playground of Changrabandha High School		Mekhliganj	Chengrabandha	26° 25' 07.2"	88° 55'08.4"
30	Dewanganj High School Ground		Haldibari	Dewanganj	26°18'2.7"	88 °51'22.6"
31	Atpukuri High School, Atpukuri		Mathabhanga-II	Ruidanga	26°26'05.3"	89°14'12.2"
32	Fulbari high school , Fulbari G.P		Mathabhanga-II	Fulbari	26°29'42.6"	89°07'46.4"
33	New Mathabhanga High School		Mathabhanga-II	AK Paradubi	26°19'52.2"	89°15'38.9"
34	Ashokabari A.P. school ground		Mathabhanga-I	Bairagirhat	26°23'20.8"	89°13'40.1"
35	Dakghara high school Ground		Sitalkuchi	Barakaimari	26° 15'34.3"	89.12'10.5"
36	Nagar dakaliganj High School Ground		Sitalkuchi	Barakaimari	26°14'26.6"	89°12'58.8"
37	Bhwairthna G.P. School Ground		Sitalkuchi	Bhwairthana	26°13.10.0"	89°16'1 6'0"
38	Gossairhat High School Ground		Sitalkuchi	Gossairhat	26° 13'7'6'	89°11'33'5"

List of Emergency Services:

Sl. No	Name of the Agency	Contact person Name & Designation	Phone No.
1	Indian Army	Roshan Lal, Subedar	7357462558
2	Border Security Force (BSF)	S.K. Sinha, DIG BSF	03582241022

DARJEELING

List of Flood Shelter:

Sl. No.	Name of Flood Shelter	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Bijanbari Flood Shelter	Darjeeling	Darjeeling Pulbazaar	Nayanore	27° 4' 6.06" N	88° 11' 28.32" E
2	Thulung Gaon Flood Shelter		Mirik	Duptin	26° 43' 53.7132" N	88° 24' 18.968" E
3	Sukhia Flood Shelter		Jorebunglow Sukhia pokhari	Lower Sonada	26°59' 4.2" N	88° 16' 41.99" E

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location		Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block		
1	ARMY HELIPAD, LEBONG DARJEELING	Darjeeling	Darjeeling Pulbazaar	27°4' N	88°17' E
2	SARASWATI HG SCHOOL GROUND		Rangli Rangliot	26°59' N	88° 23' E
3	RAJIV GANDHI HELIPAD, KALEJ VALLEY		Sukhia Pokhari	26°56' N	88° 19' E
4	AIR FORCE HELIPAD, BAGGOURA		Kurseong Municipality	26°59' N	88° 19' E
5	ARMY HELIPAD, SUKUNA		Kurseong	26°48' N	88° 21' E
6	MIRIK HELIPAD		Mirik Municipality	26°52' N	88° 11' E

List of Emergency Services:

Sl. No.	Name of Agency	Address	Contact person	Phone No. (Control Room No.)
1	Indian Army	123 Mountain Brigade, Jalapahar	C.E.O	0354-2254498
2	Border Security Force (BSF)	Kadamtala, North Bengal		0353-2580161
3	Central Industrial Security Force (CISF)	Bagdogra, Darjeeling	Assistant Commandant	8291860747
4	Indian Air Force	Bagdogra		0353-2698100 (Ext. 7640)- Control Room
6	Sarastra Seema Bal (SSB)	Ranidanga		0353-2970030
7	NDRF	2nd Bn NDRF, Siliguri	Commandant	033-29516721/ 9771584815
8	Other Government Agencies	Civil Defence, Darjeeling	Disaster Management Officer	0354-2255479

KALIMPONG

List of Air Dropping Points:

Sl. No.	Location of Air Dropping point for rescue & relief	Location			Lat (in mints & seconds)	Long (in mints & seconds)
		District	Block	Gram Panchayat		
1	Ronaldsay Park Ground	Kalimpong	Kalimpong-I	Dr.Graham's Homes	N27°08'07"92	E88°49'41.31"
2	Durpin Dara Ground(Army)		Kalimpong Municipality	Ward No.16	N27°03'74.06"	E88°59'98.79"
3	Topkhana (Army)		Pedong	Pedong	N27°15'59.95"	E88°61'05.80"
4	Samthar High School Ground		Kalimpong-I	Samthar	N26°97'-98.73"	E88°50'27.69"
5	Sanyasidara, Barbot Playground		Kalimpong-I	Pabringtar	N26°56'-53"	E88°32'55.5"
6	Judhabir High School Ground		Gorubathan	Gorubathan-I	N26°57'15.22"	E88°41'50.0"
7	Samabeong Pry School		Gorubathan	Nim	N26°03'15.9"	E88°39'03.7"
8	Jaldhaka Football Ground		Gorubathan	Paten Godak	N26°02'26.27"	E88°52'27.90"
9	Tode Bazar Public Ground		Gorubathan	Tode Tangta	N26°06'33.9"	E88°49'30.4"

List of Emergency Services:

Sl. No.	Name of Agency	District	Address	Contact person Name & Designation	Phone No.
1	Other Government Agencies (Health)	Kalimpong	Mission Compound, P.O.:Kalimpong	Dr.Asim Halder, CMOH, Kalimpong	9434164141
2	Other Government Agencies (Police)		Birla House, Kalimpong	Sri Hari Krishna Pai, S.P.,Kalimpong	7719374550
3	Other Government Agencies (Fire)		8th Mile, Kalimpong	Sri Dawa Bhutia, OC Fire, Kalimpong	8670581848
4	Other Government Agencies(Civil Defence)		DM Office, Kalimpong	Sri Prakash Mridha, DDMO, Kalimpong	9433482919
5	Other Government Agencies (PWD)		Near Children Park	Sri Rajib Sarkar, Exe. Engineer	8918333248
6	Other Government Agencies (Forest)		Upper Cart Road, Kalimpong	Sri Chittrak Bhattacharya, DFO, Kalimpong	9163661887
7	Other Government Agencies (WBSEDCL)		10th Mile, Kalimpong	Sri Phurden Sherpa, Divisional Manager	7449301260
8	Other Government Agencies (NH10)		Kalijhora, Kalimpong	Sri Subodh Chettri, Exe. Engineer, NH10	9434247995

ANNEXURE V:

District Wise List of Heritage Sites:

Sl No	Description of the Heritage Building	Location
Birbhum		
1	RadhaVinod Temple	Joydev Kenduli, Illambazar
2	House of Sailajananda	Rupuspur, Khoyrasole
3	Bisalakshi Temple, Nanor	Vill+PO- Nanoor
4	Brahmandihi Navaratna Temple	Vii+PO-Nanoor
5	KirnaharVadra Kali Mata Temple	Vii+PO: Kirnahar, Nanoor
6	ParotaMahaparabhu Temple	Vill- Parota, PoKirnahar, Nanoor
7	Chandroy Temple, Uchkaran	Vii+PO- Uchkaran, Nanoor
8	Four Shiva Temples Uchkaran	Vii+PO-Uchkaran, Nanoor
9	SantraPadmeshar Temple	Vii- Santra PO, : Basapa, Nanoor
10	Patisara Shiv Temple	Vill-Patisara, Dist : Basapara, Nanoor
11	Harmoor Shiv Temple	Vill-Harmoor PO, : Basapara, Nanoor
12	Rihinpur Bara Masjid	Vill- Rihinpu PO, : Basapara, Nanoor
13	Danyapara Bara Masjid	Vill- Danyapara PO, : Basapara, Nanoor
14	Kaleswar Shiv Temple	Kaleswar, Mayureswar-II
15	KotasurMadaneswar Temple	Kotasur, Mayureswar-II
16	Nilkuthi	Ramnagar, Mayureswar-II
17	KundolaSarbojongolaMandir	Kundola, Mayureswar-II
18	Noapara Dharma Mandir	NoaparaUlkunda, Mayureswar-II
19	KundolaRath Bari	Kundola, Mayureswar-II
20	KundolaBaroDurga Bari	Kundola, Mayureswar-II
21	RamnagarRameswarTemole	Ramnagar, Mayureswar-II
22	NoaparaDurgaMandir	NoaparaUlkunda, Mayureswar-II
Cooch Behar		
1	Rajbari / Royal Palace	Coochbehar Municipality, Ward No.19
2	Sunity Academy	Coochbehar Municipality, Ward No.18
3	Acharya Brojendra Nath Seal College (ABNS College)	Coochbehar Municipality, Ward No.17
4	Keshab Ashram (Past Names) Rani bagan, Sunity terrace	Coochbehar Municipality, Ward No.18
5	Cooch Behar Railway Station	Coochbehar Municipality, Ward No.10
6	Old Collectorate Building (Past Names) Lansdowne Hall	Coochbehar Municipality, Ward No.19
7	Sagar Mahal / Rajbanshi Bhasa Academy (Past Names) Victor palace, Dewan's Kuthi	Coochbehar Municipality, Ward No.19
8	M.J.N. Hospital	Coochbehar Municipality, Ward No.20
9	Bar Association and Library	Coochbehar Municipality, Ward No.19
10	Jail Khana	Coochbehar Municipality, Ward No.17
11	Government press (Past Names) Coochbehar State press / Royal press	Coochbehar Municipality, Ward No.08
12	Maharaja Nripendra Narayan Boys' Hostel	Coochbehar Municipality, Ward No.17

Sl No	Description of the Heritage Building	Location
13	Head Post Office	Coochbehar Municipality, Ward No.20
14	Police Club	Coochbehar Municipality, Ward No.17
15	Police Line	Coochbehar Municipality, Ward No.17
16	Rajakiya jaladhar	Coochbehar Municipality, Ward No.08
17	Circuit House	Coochbehar Municipality, Ward No.17
18	Maharaja (MJN) Club and its Precinct	Coochbehar Municipality, Ward No.20
19	Kalyan Bhaban (Backward class welfare office, Govt. of WB) (Past Names) Moti Mahal	Coochbehar Municipality, Ward No.18
20	Parijat Villa (Dist. Judge's bungalow)	Coochbehar Municipality, Ward No.18
21	Ananda Ashram (DSP's bungalow)	Coochbehar Municipality, Ward No.19
22	Lal Bagh (CMOH office)	Coochbehar Municipality, Ward No.19
23	DM bungalow and its precinct	Coochbehar Municipality, Ward No.04
24	Deputy Labour Commissioner Office (Past Names) Dilkhush bhaban	Coochbehar Municipality, Ward No.18
25	Jenkins School (New building) and its precincts	Coochbehar Municipality, Ward No.17
26	Madan Mohon Mandir complex and its precinct	Coochbehar Municipality, Ward No.20
27	Brahma Samaj Mandir	Coochbehar Municipality, Ward No.19
28	Debi bari / Bara Debi bari	Coochbehar Municipality, Ward No.19
29	N.N. Park	Coochbehar Municipality, Ward No.19
30	Sagar Dighi (Past Names) Medini Sagar	Coochbehar Municipality, Ward No.19
31	SDO Court	Ward No.8, Mekliganj, Cooch Behar
32	Nripendra Narayan Memorial Club	Ward No.7, Mekliganj, Cooch Behar
33	Indira Nimna Buniadi Balika Vidhyalaya	Ward No.8, Mekliganj, Cooch Behar
34	Old Hospital Building	Ward No.7, Haldibari, Cooch Behar
35	Old Hospital Quarter	Madhya Hudumdanga, Dewanganj GP, Cooch Behar
36	Kasiabari Kalimandir	Kasiabari, Uttar Bara Haldibari GP, Cooch Behar
37	Shesar Dhap	Chhoto Haldibari, Uttar Bara Haldibari GP, Cooch Behar
38	Dewanganj Bazar Well	Madhya Hudumdanga, Dewanganj GP, Cooch Behar
39	Milestone	Boxiganj, Boxiganj GP, Cooch Behar
40	Street Light Post	Ward No.1, Haldibari Municipality, Cooch Behar
41	Mathabhanga High School	Ward Number 5, Mathabhanga Municipality
42	Chhabirannesa Nimna Buniadi Prathamik Vidyalaya	Ward Number 5, Mathabhanga Municipality
43	Nripendranarayan Memorial Library	Ward Number 3, Mathabhanga Municipality
44	S.D.O. Office, Mathabhanga	Ward Number 5, Mathabhanga Municipality
45	Madan Mohon thakur Bari (Temple)	Ward Number 3, Mathabhanga Municipality
46	Nagar Ahilkar's Bungalow	Ward Number 5, Mathabhanga Municipality
Darjeeling		
1	Darjeeling Himalayan Railway	Darjeeling
2	Municipal Boys School Ladenla Road – Ward No. 15	Darjeeling Municipality
3	Capital Theater Town Hall Ladenla Road – Ward No. 15	Darjeeling Municipality

Sl No	Description of the Heritage Building	Location
4	Tomb of Alexander – Cosma De Koros	Darjeeling Municipality
5	Tomb of General Liyod	Darjeeling Municipality
6	Arya Samaj	Darjeeling Municipality
7	Chimney Heritage Park	Kurseong Block
8	Netaji Museum, Gidda Pahar	Kurseong Block
9	Lepcha Gumba, Upper Ghayabari-II	Kurseong Block
10	Smriti Ban, Kalimati, Ghayabari II	Kurseong Block
11	Grooto, St. Mary's Hill	Kurseong Block
12	52, Dhoka (Charlie Shahed Kothi)	Kurseong Block
Hooghly		
1	Tristle Hostel	Chandannagar
2	Clock Tower	Chandannagar
3	Church of the Sister of Cluney & French Cemetery Cathedral	Chandannagar
4	Prefecture of police	Chandannagar
5	Library Gate	Chandannagar
6	Hooghly Imambarah	Chinsurah Municipality
7	Vande Mataram Bhawan (House of Bankim ch. Chattopadhyay)	Chinsurah Municipality
8	Rasmancha of Gopinath Zew	Mouza-Souluk, PS- Pursurah
9	Adh-Kata Mandir (recorded as Old Sila Mandir)	Mouza-Bakharapur, PS- Pursurah
10	Church Street	Serampur Municipality
11	House of Raja Kishorilal Goswami	Raja K. L. Goswami street, Serampore
12	Moti Moszid	Motizhil Road, Chinsurah
13	Durga Mandir at Balagarh	Sripur, Balagarh
14	Garden house belongs to the father of the Master Artist Abanindranath Tagore (Known as Konnagar Bagan bari)	2, Mirapara Lane, PS- Konnagar
15	Radha Ballav Mandir and Estate	160, Thakurbati Street, PS- Serampore
16	Uttarpara Jaikrishna Public Library	229, G.T. Road, PO- Uttarpara
Howrah		
1	Job Charnok's House	Uluberia, Ward No:25
2	Kaman Ghar (A ground)	Shyamsunder Chak, Ward no. : 08
Kalimpong		
1	Gauripur House	Below Hill Top, Ringkingpong Road, Kalimpong
2	Morgan House	Ringkingpong Road, Durpin, Kalimpong
3	Chitrabhanu	Atisha Road, Kalimpong
4	Katharine Graham Memorial Church	Dr.Grahams Homes GP, Kalimpong I
5	McFarlen Church	K.D.Pradhan,Kalimpong
6	TharpaCholing Monastery	Tripai Road, Tripai, Kalimpong
7	ThongsaGumba	L/Gumbahatta, Kalimpong
8	ZangDhokPalri Monastery (Durpin)	Durpin, Kalimpong
Jalpaiguri		
1	Jalpaiguri Rajbari Building	Rajbaripara

Sl No	Description of the Heritage Building	Location
2	European Club	Club Road
3	Municipality Office Building	MG Road
4	District Library	Rescourse Para
5	D.I. Office	Opposite PWD office
6	Noor Manjil Building (DPSC Office)	Opposite AC College of Commerce
7	Baptiste Church	Nayabasti
8	St. Michel & Ali Angel Church	Near Old Court
9	DM Resident bunglow	Collector Road
10	Divissional commissionerate Residential Bunglow	Collector Road
11	CMOH Residential Bunglow	Hakimpara
12	Executive Engineer (PWD) Residential Bunglow	PWD More
13	Factory Inspector Bunglow	PWD More
14	Dinbazar Kalibari	Dinbazar
15	Madan Mohan Mandir	Keranipara
16	Jalpaiguri Zilla School	Hakimpara
17	Jalpaiguri FDI School	Post Office More
18	Jalpaiguri Sonaula High School	Beguntary More
19	Bhamridevi Mandir	Rajganj
20	Devi Chowdhurani Mandir	Rajganj
Nadia		
1	Ula Sankar Mandir	Ula Sankar Mandir
2	Gour Netai TAMPLER	Gour Netai TAMPLER
3	Satimata Mandir and Krishna georaijio Mandir	Satimata Mandir and Krishna georaijio Mandir
4	Shibnibas Temple	Shibnibas Temple
5	Rani Kuthi	Rani Kuthi
6	Bramha Samaj	Bramha Samaj
7	Grace Cottage	Grace Cottage
8	Birthplace of Chaitanya	Birthplace of Chaitanya (Nabadwip Ward no. 21)
9	Birthplace of Bishnupriya	Birthplace of Bishnupriya (Nabadwip Ward no. 1)
10	Gaur Kishore samadhi mandir	Gaur Kishore samadhi mandir (Nabadwip Ward no. 8)
11	Mousoleum of Nabadwip Jagannath Das	Mousoleum of Nabadwip Jagannath Das (Nabadwip Ward no. 9)
12	Shri Baladev Temple	Shri Baladev Temple (Nabadwip Ward no. 9)
13	Shri Gobindo Bari	Shri Gobindo Bari (Nabadwip Ward no. 10)
14	Radharani Mandir	Radharani Mandir (Nabadwip Ward no. 8)
15	Dwadosh Shib Mandir	Dwadosh Shib Mandir (Nabadwip Ward no. 9)
16	Poramatala	Poramatala (Nabadwip Ward no. 10)
17	Nabadwip public library	Nabadwip public library (Nabadwip Ward no. 2)
18	Nrisighadever Mandir	Nrisighadever Mandir (Nabadwip Ward no. 13)

Sl No	Description of the Heritage Building	Location
19	Samaj Bari	Samaj Bari (Nabadwip Ward no. 13)
20	Sonar gourango temple	Sonar gourango temple (Nabadwip Ward no. 10)
21	Sanskrit college	Sanskrit college (Nabadwip Ward no. 14)
22	Buroshib Mandir	Buroshib Mandir (Nabadwip Ward no. 2)
23	Devananda Gouriya Math	Devananda Gouriya Math (Nabadwip Ward no. 18)
24	Agameswari Devi temple	Agameswari Devi temple (Nabadwip Ward no. 2)
25	Dhameswar Mahaprabhu Mandir	Dhameswar Mahaprabhu Mandir (Nabadwip Ward no. 3)
26	Manipur Rajbari	Nabadwip (Nabadwip Ward no. 19)
27	Radharaman Sevashram	Nabadwip (Nabadwip Ward no. 8)
28	Hular Ghat	Nabadwip (Part of Mayapur area)
29	Ranir Ghat	Nabadwip (Nabadwip Ward no. 8)
30	Ferry Ghat	Nabadwip (Nabadwip Ward to. 8)
31	Pora Ghat	Nabadwip (Nabadwip Ward no. 11)
32	Shribash angan ghat	Nabadwip (Nabadwip Ward no. 11)
33	Fnashitala ghat	Nabadwip (Nabadwip Ward no. 11)
34	Deorapara ghat	Nabadwip (Nabadwip Ward no. 17)
35	Manipur ghat	Nabadwip (Nabadwip Ward no. 18)
36	Shridhar angan	Nabadwip (Nabadwip Ward no. 13)
37	Shri Shribas Angan	Nabadwip (Nabadwip Ward no. 10)
38	Jagai Madhai udhhar temple	Nabadwip (Nabadwip Ward no. 13)
39	Shri Chaitanya Saraswat math	Teghari (Adjacent to Ward no. 19, Nabadwip Municipality)
40	Shri Keshabji Gaudiya math	Nabadwip (Nabadwip Ward no. 24)
41	Nabadwip Main Bazar	Nabadwip (Nabadwip Ward no. 10)
42	Nidaya ghat	Nabadwip (Nabadwip Ward no. 21)
43	Ballal dhipi	Nabadwip (Part of Bamanpukur area)
44	Mahaprabhu para (Brass Metal)	Nabadwip (Ward no. 3)
45	Tant Kapor Haat	Nabadwip (Nabadwip Ward no. 9)
46	Lord Jagannath Temple	Rajapur (Part of Mayapur area)
47	Gopinath Gaudiya Math	Rudrapara (Part of Mayapur area)
48	Shri Krishna Chaitanya Math	Rudrapara (Part of Mayapur area)
49	Shri Chaitanya Bhagabat Math	Rudrapara (Part of Mayapur area)
50	Shri Chaitanya Gaudiya Math	Rudrapara (Part of Mayapur area)
51	Shri ShriGaur Nityananda Mandir	Rudrapara (Part of Mayapur area)
52	ISKCON Temple	Rudrapara (Part of Mayapur area)
53	Sant Gaudiya Math	Rudrapara (Part of Mayapur area)
54	Shri Yogipith	Bamanpukur (Part of Bamanpukur area)
55	Shrivas Angan (Eastern Bank)	Bamanpukur (Part of Bamanpukur area)
56	Shri Adwaitya Acharya Bhawan (Eastern Bank)	Bamanpukur (Part of Bamanpukur area)
57	Shri Mayapur Gauriya math	Bamanpukur (Part of Bamanpukur area)
58	Shri Chaitanya Math	Bamanpukur (Part of Bamanpukur area)

Sl No	Description of the Heritage Building	Location
59	Shrila Saraswati Thakur Bhajan Kutir	Bamanpukur (Part of Bamanpukur area)
60	Bamanpukur Boro Masjid	Bamanpukur (Part of Bamanpukur area)
61	Chand Ghazir Smadhi	Bamanpukur (Part of Bamanpukur area)
62	Shri Shri Jagannath Balaram Subhadra Mandir	Bamanpukur (Part of Bamanpukur area)
63	Gangar Prachin Ghat	Mori Ganges, ward no. 1, Nabadwip
64	Harisabha Mandir	Nabadwip(Harisava Para, Ward No.2)
65	Patal Sadhu Ashram	Nabadwip(Fasitala, Ward no.22)
66	Nabadwip Hindu School	Nabadwip (Buroshibtala Road, Ward No.2)
67	Nabadwip Municipality	Nabadwip (Netaji Subhash Road, Ward no. 14)
68	Pakatol	Nabadwip (Paccatol Road, Ward no. 14)
69	Jagannath Temple	Nabadwip (Jognath Tala, Ward no. 03)
70	Pagla Pির Mazar	Nabadwip (Pirtal, Ward no. 03)
71	Ram Sita Mandir	Nabadwip (Ramsita Para, Ward no. 14)
72	Kachkamanir Tample	Nabadwip (Baralghat Road, Ward no. 10)
73	Nabadwip Vidyasagar College	Nabadwip (Paccatol Road, Ward no. 14)
74	Aloknath Shib Tample	Nabadwip (Derapara Road, Ward no. 17)
75	Oladebi Mandir	Nabadwip (Oladebi Tala, Malancha Para, Ward No. 1)
76	Mukherjee House	Nabadwip (Dandapani Tala, Ward No. 12)
77	Parar Maa	Nabadwip (Malancha Para, Ward No.1)
78	Ramhari Ashram	Nabadwip (Fasitala, Ward No. 22)
79	Nabadwip Bhajan Ashram	Nabadwip (Poraghat, Ward no. 10)
80	Sidha Gourkishor Das Babaji Ashram	Nabadwip (Ranirchara, Ward no. 08)
81	Bindraban Chandrar Tample	Nabadwip (Badra Para, Ward no. 23)
82	Sri Arabindra Samadhi Mandir	Rudrapara (Pratapnagar, Ward no. 05)
83	Sil Bansidas Babaji Ashram	Nabadwip (Baralghat, Ward no. 10)
84	Sri Jagannath Mandir	Rudrapara (Prachin Mayapur, Ward no. 21)
85	Sriman Mahaprabhu Bishramagar	Nabadwip (Haritala, Ward no. 19)
86	Viangalchandi Mandir	Nabadwip (Badra Para, Ward no. 23)
87	Nabadwip Burning Ghat	Nabadwip (Manipur Ghat Road, Ward no. 19)
88	Hanshabhak Shib	Majdiha (Gajantala, Majdiha Pansila GP)
89	Charaktala, Gajantala	Majdiha (Majdiha Pansila GP)
90	Sananda Sukhad Kunj	Maheshganj (Fakirtala, Swarupganj GP)
91	Sreemad Bhakti Siddhanta Saraswat Gouriya Math	Gadigacha (Gadigacha, Swarupganj GP)
92	Biswabandhu Nat Mandir	Char Majdia (Char Majdiha Bazar, CMCB GP)
North 24 Parganas		
1	Baramihirer Dhipi	Deganga Block, Berachampa
2	26 Shiva Mandir	Khardah
3	Clive House, DumDum	Dum Dum
4	Hasting House, Barasat	Barasat
5	Chandraketu Garh	Chandraketu Garh
6	Baramihirer Dhipi	Deganga Block, Berachampa

Sl No	Description of the Heritage Building	Location
7	26 Shiva Mandir	Khardah
8	Clive House, DumDum	Dum Dum
<i>Paschim Medinipur</i>		
1	Jagannath Temple	Mohanpur, Paschim Medinipur
2	Narajole Rajbari	Vill: Nij-Narajole, PO. Narajole, PS.-Daspur
3	House of Hemchandra Kanungo	Vill: Radhanagar, PO. Garh-Radhanagar, PS. Belda
<i>Purba Medinipur</i>		
1	Moyna Garh	Garsafat
2	Manik Piner Darga	Tamluk
3	Kapal Kundala Temple	Dariapur
4	Hamilton High School	Tamluk
5	The site of the old School building of Kalyanchak Gourmohan Institution (H.S.)	Kalyanchak
<i>Purba Bardhaman</i>		
1	108 Shiv Mondir	Nawbab Hat
2	Pilsona Aoul Chand Mahapravu	Pilsona
3	Nutanhat Vanga Masjid	Nutanhat
4	Buroraj Shib Mandir	Jamalpur.GP -Nimdaha
5	House of Ganga Kishor Bhattacharyay	Bahara, Pilla GP
6	House of Dasorathi Roy	Pilla Babupara, Pilla GP
7	House of Poet Satrendranath Dutta	Chupi, Purbasthali GP
8	House of Upendranath Bramhachari	Sardanga, Kalekhantala-1
9	Ramesvara Temple	Kalna
10	Jora Deul (Two ancient Temples)	Baidyapur
11	Sarbamongala Mandir	N Basu Raod, Sarbamongala Para
12	Kamrangatala Gate	Bardhaman Municipality
13	Bijoy Toran Gate	G.T Road, Near Head Post Office
14	The Christ Church	G.T Road, Near Head Post Office
15	Kankaleswar Kali Bari	Temple Road, Near Abasarika park, Kanchan Nagar
16	Jora Bangla Mandir	Bardhaman Municipality
17	Guru Nanak Gurudwara	G.T Road, Tinkuniya
18	Pathan Masjid	Bardhaman Municipality
19	Bardwary Gate	Bardhaman Municipality
20	Nawab Bari	Kjaja Anwar Road, Ward No.- 17
21	Mahanta Sthal	Rajganj Road, Ward No. 25
22	Goda Thatched House	Goda, Ward No. 26
23	Bardhaman Raj Collegiate School (H.S)	Nutanganj, Burdwan
24	Jumma Masjid	Bradhaman
25	Mousoliun of Kirti Chandra Roy	Samajbati, Ward No. – 02
26	Jora Shib Mandir	Bera, Ward No. 14
27	Jagganath Ghat with Temple	Ward No. 10. Jagganath
28	Badarshabe Tala	Dewanganj, Ward N

Sl No	Description of the Heritage Building	Location
Murshidabad		
1	Hazarduari Place Museum	Killa Nujamat P.O -Murshidabad
2	Imambara	KillaNujamat P.O -Murshidabad
3	Katra Masjid	SabjiKatra P.O.- Jafrabad
4	WashefManzil Place	KellaNijamat P.O-Murshidabad
5	Mitijheel	Mitijheel
6	Rani BhabaniCarbanglaMandir	Baranagar, p.o.-Azimganj
7	Kadam Sharif	Kadam Sharif
8	FoutiMoszid	Sabjikatra, p.o-Murshidabad
9	NawabSujakhan's Temple raushnibagh	Raushnibagh, p.o.-Dahapara
10	Tripolia Gate	Chowk, p.o-Murshidabad
11	NashipurRajbari	Nashipur, p.o.- Nashipur
12	Jagatsen House	Mahimapur, NasipurRajbari
13	Khoshbagh	Khoshbag,, P.o.- Dalia para
14	Kathgola Garden	Nashipur, P.O-.Nashipur Rajbari
15	ChawkshahiMaszid	Chak, P.O-Murshidabad
16	KriteswariMandir	Kriteswari, P.O-.Kriteswari
17	Sadhakbagakra	Sadhakbag, P.O-Jiaganj
18	Murshidab Sangrahasala	Nehalija, P.O-.Jiaganj
19	Sahanagar Ghat ShibMandir (Charchala)	Sahanagar Ferryghat, P.O-Murshidabad
20	Jafarganj Samadhi Kshetra	Jafarganj, P.O-Nasipur Rajbari
21	FafraganjDewri (Place)	Jafarganj , P.O-Murshidabad
22	Nouresu Banu Masjid	Chakbazar(Juta Patti) P.O-Murshidabad
23	Bhattabati Mandir	Bhattabati, P.O-Kriteswari
Kolkata		
1	RATAN ROY'S GATEWAY	30A,RATAN BABU ROAD, Ward No. 01
2	CAST IRON GATE	83A,COSSIPORE ROAD, Ward No. 01
3	RATANBABU GHAT	CHANDRA KUMAR ROY LANE, Ward No. 01
4	COSSIPORE BURNING GHAT	5,CHANDRA KUMAR ROY LANE, Ward No. 01
5	CHANDRAKUMAR ROY'S PANCHARATNA	RATAN BABU ROAD, Ward No. 01
6	THAKURBARI OF BAMANDAS MUKHERJEE	85, COSSIPORE ROAD, Ward No. 01
7	RAMKRISHNA MATH, COSSIPORE UDYAN BATI	90, COSSIPORE ROAD, Ward No. 01
8	BAMANDAS MUKHERJEE'S GATEWAY	COSSIPORE ROAD, Ward No. 01
9	RABINDRA BHARATI UNIVERSITY, EMERALD BOWER	56A, BARRACKPORE TRUNK ROAD, Ward No. 02
10	COSSIPORE CLUB	4, DUMDUM ROAD, ,Ward No. 02
11	HOUSE OF BASAK FAMILY	4A, KALI CHARAN GHOSH ROAD, Ward No.02
12	THAKURBARI OF SARBARANJAN BASAK	7, HARISH CHANDRA PAUL LANE, Ward No. 02
13	BELGACHIA VILLA	64B, KSHUDIRAM BOSE SARANI, Ward No. 03
14	DHURJOTI BHAWAN	36, KSHUDIRAM BOSE SARANI, Ward No. 03

Sl No	Description of the Heritage Building	Location
15	BENGAL VETERINARY COLLEGE	37, KSHUDIRAM BOSE SARANI, Ward No. 03
16	G.T.S. TOWER	BARRACKPORE TRUNK ROAD, Ward No.04
17	PARSWANATH UPAVAN WITH GATEWAY	26A,26B, 26C, KSHUDIRAM BOSE SARANI, Ward No. 05
18	BUILDING ASSOCIATED WITH KUMAR MANMATHA GANGULI	6A,6B, BONOMALI CHATTERJEE STREET, Ward No. 05
19	R. G. KAR MEDICAL COLLEGE	1A & 1B, KSHUDIRAM BOSE SARANI, Ward No. 05
20	CLOCK TOWER AT GUN & SHELL FACTORY ENTRANCE	7, KHAGENDRA CHATTERJEE ROAD, WARD NO. -06
21	RANI DEBENDRABALA GHAT	4, RUSTOMJEE PARSEE ROAD, WARD NO. -06
22	MUSLIM BURIAL GROUND, SHAHAR BANGLA	1/5, KHAGENDRA CHATTERJEE ROAD, WARD NO. - 06
23	CHITTESWARI TEMPLE	9, KHAGENDRA CHATTERJEE RD, WARD NO. - 06
24	SARBAMANGALA TEMPLE	KHAGENDRA CHATTERJEE ROAD, WARD NO. - 06
25	BASHIRI MOSQUE	PANCHANAN MUKHERJEE, WARD NO. - 06
26	SWING BRIDGE	JOGENDRANATH MUKHERJEE LANE, WARD NO. - 06
27	BARRACKPORE BRIDGE	BARRACKPORE TRUNK ROAD, WARD NO. - 06
28	RAJA BAIDYANATH ROY'S GHAT INCLUDING PORT OF CALCUTTA, NORTH-EAST BOUNDARY	KHAGENDRA CHATTERJEE ROAD, WARD NO. - 06
29	PROMODASUNDARI GHAT	STRAND BANK ROAD, WARD NO. - 07
30	HOUSE OF PASHUPATI BOSE	65/1G, 65A, 65/2, 65/3A, 65/4, 65/1F, 65/1E, BAGBAZAR STREET, 9, PASHUPATI BOSE LANE, WARD NO. - 07
31	DOCHALA SIVA TEMPLE OF JAGATRAM HALDER	KSHIRODE VIDYAVINODE AVENUE, WARD NO. - 07
32	TEMPLE COMPLEX OF VISHNURAM CHAKRABARTY	610A, 608, RABINDRA SARANI, WARD NO. - 07
33	GOURIYA MATH	16A, KALI PROSAD CHAKRABORTY STREET, WARD NO. - 07
34	SRI RAMAKRISHNA MATH	1, UDBODHAN LANE, WARD NO. -07
35	HOUSE OF RAMPRASAD MITRA	121/1A, & 21/1B, BIDHAN SARANI, WARD NO. -07
36	CAST IRON WATER TAPS	LAKSHMI DUTTA LANE, WARD NO. - 08
37	BUILDING ASSOCIATED WITH SISTER NIVEDITA	16A, MA SARADA MONI SARANI, WARD NO. - 08
38	STATUE OF GIRISCHANDRA GHOSH	GIRISH AVENUE, WARD NO. - 08
39	ANNAPURNA GHAT	STRAND BANK ROAD, WARD NO. - 08
40	SCULPTOR G. PAUL'S STUDIO	KASHI MITER GHAT STREET, WARD NO. - 08

Sl No	Description of the Heritage Building	Location
41	BUILDING ASSOCIATED WITH BALARAM BASU	7, GIRISH AVENUE, WARD NO. - 08
42	THAKURBARI OF GOKUL MITRA	520, RABINDRA SARANI, WARD NO. - 08
43	MORIBUND HOUSE OF ABHOYCHARAN GUHA	32B,KASHI MITER GHAT STREET, WARD NO. - 08
44	FORMER N.C.C. OFFICE	76A,BHUPENDRA BASU AVENUE, WARD NO. - 08
45	NABINCHANDRA DAS (SHOP)	532,RABINDRA SARANI, WARD NO. - 08
46	NAVA VRINDABAN TEMPLE	14, RAMKANTA BOSE STREET, WARD NO. - 08
47	NIVEDITA SCHOOL	5, NIVEDITA LANE, WARD NO. - 08
48	SHYAMBAZAR A.V. SCHOOL	88, SHYAMBAZAR STREET, WARD NO. - 08
49	UNITED BANK - KUMARTULI BRANCH	1A, DHANADA GHOSH STREET, WARD NO. - 08
50	HARACHANDRA MALLICK'S GHAT	STRAND BANK ROAD. WARD NO. - 09
51	CHAMPATALA GHAT	STRAND BANK ROAD, WARD NO. - 09
52	KUMARTULI GHAT	STRAND BANK ROAD, WARD NO. - 09
53	ATTRACTIVE STREET ELEVATION IN THE JUNCTION OF M.D.ROAD & SOVABAZAR STREET TO 62 SOVABAZAR STREET	31D,SOVABAZAR STREET, WARD NO. - 09
54	RAMESWAR SIVA TEMPLE	51, 52NANDARAM SEN STREET, WARD NO. - 09
55	BANESWAR SIVA TEMPLE	2/5,BANOMALI SARKAR STREET, WARD NO. - 09
56	GOVINDARAM MITRA'S NAVARATNA	509,RABINDRA SARANI, WARD NO. - 09
57	PUTUL BARI (HOUSE OF SAHA FAMILY)	17,HARACHANDRA MULLICK STREET, WARD NO. - 09
58	KUMUDINI BHAVAN	7,KRIPANATH LANE,WARD NO. - 09
59	ATTRACTIVE STREET ELEVATION	37,SOVABAZAR STREET,WARD NO. - 09
60	ATTRACTIVE STREET ELEVATION	37/1,SOVABAZAR STREET, WARD NO.09
61	CASTIRONFIGURESATHARINDUTTA'SHOUSE	93,SRI AUROBINDA SARANI,WARD NO. 10
62	BUILDING ASSOCIATED WITH BHUPENDRANATH BOSE	13/2B, BALARAM GHOSH STREET, WARD NO. 10
63	BHABATARINI TEMPLE COMPLEX	2/2A, 2/1A,BALARAM GHOSH STREET BALARAM GHOSH STREET,WARD NO. 10
64	SOVABAZAR RAJBARI INCLUDING GATEWAY	33R/1A, 33R/1B, 33R, RAJANABAKRISHNA STREET, WARD NO. - 10
65	HOUSE OF RAJA RAJKRISHNA DEB	9B,9A,RAJA KALIKRISHNA LANE & 36, RAJA NABAKRISHNA STREET, WARD NO. - 10
66	HOUSE OF MITRA FAMILY	34A, 34B, 34C, 34D, 34E, 34F, 34G, 34H, 34I, 34B/1, SHYAM PUKUR STREET, WARD NO. - 10
67	BUILDING ASSOCIATED WITH UMACHARAN SET	3, ABHOY GHOSH LANE, WARD NO. - 10
68	TOWN SCHOOL, BIDHAN SARANI	33, SHYAM PUKUR STREET, WARD NO. - 10

Sl No	Description of the Heritage Building	Location
69	BUILDING ASSOCIATED WITH NAGENDRANATH BOSE	8, BISWAKOSH LANE, WARD NO. - 10
70	SHYAMPUKUR P.S.	47B, SHYAMBAZAR STREET, WARD NO. - 10
71	DUFF SCHOOL	23A, BALARAM GHOSH STREET, WARD NO. - 10
72	STAR THEATRE	79/3/5, 79/3/3, 79/3/4A, 79/3/4B, , BIDHAN SARANI, WARD NO. - 11
73	BUILDING ASSOCIATED WITH UPENDRANATH BRAHMACHARI	82/3A, BIDHAN SARANI, WARD NO. - 11
74	SAMSARESWAR SIVA TEMPLE	2F, KARTIK BOSE LANE, WARD NO. - 11
75	CORPORATION BOROUGH OFFICE	79, BIDHAN SARANI, WARD NO. - 11
76	BUILDING ASSOCIATED WITH NANDALAL BOSE	2A, RAJABAGAN STREET, WARD NO. - 11
77	CLOCK TOWER AT LALITKUMAR MITRA'S HOUSE	224B, 224A, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 12
78	STATUE OF DESHBANDHU CHITTARANJAN DAS	RAJA DINENDRA STREET, WARD NO. - 12
79	FORMER HOSTEL OF R G KAR MEDICAL COLLEGE (PRESENTLY NORTH TRAFFIC GUARD)	115, BIDHAN SARANI, WARD NO. - 12
80	J. B. ROY STATE AYURVEDIC MEDICAL COLLEGE & HOSPITAL	172, 170, RAJA DINENDRA STREET, WARD NO. - 12
81	CENTRAL TOWER OF SHYAMBAZAR MARKET	1A, R G KAR ROAD, WARD NO. - 12
82	HINDU BURIAL GROUND	2, RAMAKANTA SEN LANE, WARD NO. - 14
83	BANGIYA SAHITYA PARISHAD	243/1, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 15
84	MUSLIM BURIAL GROUND, NAKHODA	ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 15
85	MUSLIM BURIAL GROUND	24/1, 17, 17/2, 17/3, 17/4, 19, 20, 17/1, 27, 25, 24, MUNSHIPARA LANE, WARD NO. - 15
86	TEMPLE & GARDEN OF SRI SRI SITALNATHJI MAHARAJ	36A, 36B, BADRIDAS TEMPLE STREET, WARD NO. - 15
87	JAIN SWETAMBAR DADAJI'S TEMPLE & GARDEN	29, BADRIDAS TEMPLE STREET, WARD NO. - 15
88	JAIN SWETAMBAR TEMPLE & GARDEN	27, BADRIDAS TEMPLE STREET, WARD NO. - 15
89	SREE SREE CHANDRA PROBHUJEE'S TEMPLE	38, BADRIDAS TEMPLE STREET, WARD NO. - 15
90	SCOTTISH CHURCH COLLEGIATE SCHOOL	73, BIDHAN SARANI, WARD NO. - 16
91	BUILDING ASSOCIATED WITH KASHIPRASAD GHOSH	55C, AVEDANANDA ROAD, WARD NO. - 16
92	BUILDING ASSOCIATED WITH SATYENDRANATH BOSE	22, ISWAR MILL LANE, WARD NO. - 16
93	BHABATARAN SARKAR SCHOOL	40, AVEDANANDA ROAD, WARD NO. - 16
94	BURTALA P.S.	1, RAJA RAJ KRISHNA STREET, WARD NO. 16
95	RESIDENCE AND THAKURBARI OF RAMDULAL SARKAR (CHATUBABU'S HOUSE)	67E, BEADON STREET, WARD NO. - 17

Sl No	Description of the Heritage Building	Location
96	BUILDING ASSOCIATED WITH GOBOR GOHO	66/1B, 66/1A, AKSHOY KUMAR DUTTA SARANI, WARD NO. - 17
97	BHAR'S THAKURBARI	56, DURGA CHARAN MITRA STREET, WARD NO. - 17
98	OLD RESIDENTIAL HOUSE	87D, 87C, 87B, 87A, AKSHOY KUMAR DUTTA SARANI, WARD NO. - 17
99	TWO SIVA TEMPLES	101/3A, 96/1/1, AKSHOY KUMAR DUTTA SARANI, WARD NO. - 17
100	HOUSE OF H. M. BOSE	5/1, KASI BOSE LANE, WARD NO. - 17
101	DEB HOUSES, ANCIENT HOUSE OF RAMDULAL DE SARKAR (DEB) FAMILY. ONE OF THE FIRST BENGALI ELITE HOUSES IN CALCUTTA.	67A, 67B, 67D, BEADON STREET, WARD NO. - 17
102	AN EXAMPLE OF MITRA HOUSES IN BEADON ROW SURROUNDINGS	19C, 19B, NILMONI MITRA STREET, WARD NO. - 17
103	THAKURBARI OF BRAJAKISHORE KURBARI OF BRAJAKISHORE JEU	1/1, NILMONI SARKAR LANE, WARD NO. - 17
104	OLD RESIDENTIAL HOUSE	13B, ABHOY GUHA ROAD & 45A, HARI GHOSH STREET, WARD NO. - 17
105	HOUSE OF DUTTA FAMILY	76B, 76A, BEADON STREET, WARD NO. - 18
106	THAKURBARI OF ANNAPURNA	42A, JOY MITRA STREET, WARD NO. - 18
107	AHIRITOLLA GHAT	STRAND BANK ROAD, WARD NO. - 19
108	HINDU TEMPLE	44C, SOVABAZAR STREET, WARD NO. - 19
109	HOUSE OF BUTTO KRISTO PAUL. (FAMOUS MEDICINE SHOP AT GROUND FLOOR)	92B, SOVABAZAR STREET, WARD NO. - 19
110	ALLAHABAD BANK & JORABAGAN TRAFFIC GUARD	102, SOVABAZAR STREET, WARD NO. - 19
111	DALAN TEMPLE OF SONAR GOURANGA	57, BENIATOLA STREET, WARD NO. - 19
112	THAKURBARI OF MANGALCHANDI (HEM KUTIR) OF DAW FAMILY	8, DINU RAKSHIT LANE, WARD NO. - 19
113	GATEWAY OF FORMER AHIRITOLLA BAZAR	11, AHIRITOLA STREET, WARD NO. - 20
114	RADHAMADHAV BANERJEE'S GHAT	STRAND BANK ROAD, WARD NO. - 20
115	MANIK BOSE'S GHAT	STRAND BANK ROAD, WARD NO. - 20
116	NIMTALA BURNING GHAT INCLUDING MEMORIALS OF RABINDRANATH THAKUR AND PRAFULLACHANDRA ROY	2, STRAND BANK ROAD, WARD NO. - 20
117	FLUSHING SLUICE	STRAND BANK ROAD, WARD NO. - 20
118	SCOTTISH CHURCH SCHOOL(OLD), ESTD.1830 BY SIR ALEXANDER DUFF (FORMER JORABAGAN POLICE STATION)	74, NIMTALA GHAT STREET, WARD NO. - 20
119	DURGESWAR SIVA TEMPLE	16, MOHAMMED RAMJAN LANE, WARD NO. - 20
120	BANGUR'S RESTING HOUSE	STRAND BANK ROAD, WARD NO. - 20
121	ORIENTAL SEMINARY (SCHOOL/COLLEGE)	363, RABINDRA SARANI, WARD NO. - 20
122	AHIRITOLLA BANGA VIDYALAYA	80, BUTTO KRISTO PAUL AVENUE, WARD NO. - 20
123	MORIBUND HOUSE OF GIRISH CHANDRA BOSE	STRAND BANK ROAD, WARD NO. - 20

Sl No	Description of the Heritage Building	Location
124	ADYASRADDHA GHAT	STRAND BANK ROAD, WARD NO. - 21
125	PRASANNAKUMAR TAGORE GHAT	STRAND BANK ROAD, WARD NO. - 21
126	MORIBUND HOUSE OF RAJCHANDRA DAS	STRAND ROAD, WARD NO. - 21
127	HOUSE OF MUKHERJEE FAMILY (BAGH BARI)	13/1, 12, 13, 14, JORABAGAN STREET, WARD NO. - 21
128	BUILDING ASSOCIATED WITH MOTILAL RADHAKISSEN BAGLA	1A, 1B, BAISHNAB SETT STREET, WARD NO. 21
129	PRESENTLY HOUSE OF CHOWDHURY FAMILY	20B, 20A, NIMTALA GHAT STREET, WARD NO. 21
130	CHOTELAL'S GHAT INCLUDING PLAQUE	STRAND BANK ROAD, WARD NO. - 22
131	RAMCHANDRA GOENKA'S GHAT	STRAND BANK ROAD, WARD NO. - 22
132	GANPAT ROY KAYAN GHAT	STRAND BANK ROAD, WARD NO. - 22
133	NEMAICHARAN MALLICK GHAT	STRAND BANK ROAD, WARD NO. - 22
134	BISSESSUR LALL HURGOBIND SRADH GHAT	STRAND BANK ROAD, WARD NO. - 22
135	OLD WOODEN TICKET COUNTER	STRAND BANK ROAD, WARD NO. - 22
136	JAGANNATH GHAT OR NAWAB MIR JAFAR GHAT	STRAND BANK ROAD, WARD NO. - 22
137	OLD MINT	48, 68, 69, 47, STRAND BANK ROAD, WARD NO. 22
138	DIGAMBAR JAIN TEMPLE	1, 7B, BYSACK LANE, WARD NO. - 22
139	RABINDRA SETU	STRAND ROAD, WARD NO. - 22
140	HOUSE OF LATE MAHARAJA SUKHAMAY RAY (POSTA RAJBARI)	24/1, 25, 25/1C, MAHARSHI DEBENDRA ROAD, 17, RATAN SARKAR'S GARDEN STREET 17, RATAN SARKAR'S GARDEN LANE, WARD NO. - 22
141	THAKURBARI OF BANSIDHAR MALLICK	HARAPRASAD DEY LANE, WARD NO. - 23
142	DALAN TEMPLE OF RADHAMADHAB	53, BARTALA STREET, WARD NO. - 23
143	SIVA TEMPLE	PATHURIAGHAT STREET, WARD NO. - 24
144	HOUSE OF KHELAT GHOSH	47, PATHURIAGHAT STREET, WARD NO. 24
145	PALACE OF TAGORE FAMILY	26/1B, 26/1C/1D, 26/1C/1A, 26/1M, 26/1N, 26/1P, 26/1X, 26/1Y, 26/1A, 26/1C/1B, 26/1D, PRASANNA KUMAR TAGORE STREET, WARD NO. - 24
146	PALACE HOUSE OF TAGORES	57, PATHURIAGHAT STREET, WARD NO. - 24
147	SETH RAMKUMAR BANGUR'S DHARMSALA	65A, PATHURIAGHAT STREET, WARD NO. - 24
148	HOUSE OF JADULAL MULLICK	67, PATHURIAGHAT STREET, WARD NO. - 24
149	MADHUSUDAN SANYALS' HOUSE. NOW MULLICK HOUSE.	279D, 279B, 279C, 279A, 279E, RABINDRA SARANI, WARD NO. - 24 9/1/1A, 9/2G, 9/2A, 9/2B KHELAT GHOSH LANE, WARD NO. - 24
150	METROPOLITAN INSTITUTIONS	10, PRASANNA KUMAR TAGORE STREET, WARD NO. - 24
151	DAGA PALACE	26, KALI KRISHNA TAGORE STREET, WARD NO. - 24

Sl No	Description of the Heritage Building	Location
152	GATEWAY OF PRATAPCHANDRA GHOSH'S HOUSE	27, BARANASHI GHOSH STREET, WARD NO. - 25
153	KALIPRASANNA SINHA'S FOUNTAIN	ARANASHI GHOSH STREET, WARD NO. - 25
154	LOHIA MATRI SEVA SADAN INCLUDING GATEWAY.	296B, RABINDRA SARANI, WARD NO. - 25
155	JORASANKO THAKURBARI, NOW RABINDRA BHARATI UNIVERSITY, JORASANKO COMPLEX	6B, 6/3, 6/2, 6/1A, 6A, 5, 6C, DWARAKANATH TAGORE LANE, 5/1B, 5/1A, BARANASHI GHOSH 2ND LANE, WARD NO. - 25
156	BRAHMO PRAYER HALL SADHARAN BRAHMO SAMAJ	211, 210/6A, 211/1, 210/6B, BIDHAN SARANI, WARD NO. - 25
157	SITANATH & BALAKNATH SIVA TEMPLE (NAVARATNA)	23, TARAK PRAMANIK ROAD, WARD NO. - 25
158	STATUE OF GIRISCHANDRA GHOSH	CHITTARANJAN AVENUE, WARD NO. - 25
159	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	22A, VIVEKANANDA ROAD, WARD NO. - 25
160	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	24A, VIVEKANANDA ROAD, WARD NO. - 25
161	HOUSE OF KUNDU FAMILY	76A, TARAK PRAMANIK ROAD, 16/1A, 16/1B, AMAR BOSE SARANI, WARD NO. - 25
162	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	11, VIVEKANANDA ROAD, WARD NO. - 25
163	JORASANKO RAJBATI	288, 290, 292, 294, 286, RABINDRA SARANI, WARD NO. - 25
164	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	42, VIVEKANANDA ROAD, WARD NO. - 25
165	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	34, VIVEKANANDA ROAD, WARD NO. - 25
166	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	20A, 20B, VIVEKANANDA ROAD, WARD NO. - 25
167	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	15, VIVEKANANDA ROAD, WARD NO. - 25
168	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	17, VIVEKANANDA ROAD, WARD NO. - 25
169	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	25A, 25B VIVEKANANDA ROAD, WARD NO. - 25
170	TYPICAL ELEVATION OF ARISTOCRATIC BUILDINGS	37, VIVEKANANDA ROAD, WARD NO. - 25
171	BUILDING ASSOCIATED WITH RAMANANDA CHATTERJEE. 'NABYABHARAT' WAS PUBLISHED FROM THIS PLACE	210/3/1, BIDHAN SARANI, WARD NO. - 25
172	BUILDING ASSOCIATED WITH BHISMADEV CHATTERJEE	30, SARKAR LANE, WARD NO. - 25
173	BUILDING ASSOCIATED WITH SHASHIPADA BANERJEE (DEBALAYA)	210/3/2, BIDHAN SARANI, WARD NO. - 25
174	BUILDING ASSOCIATED WITH NILRATAN SARKAR	217A, 217B, BIDHAN SARANI, WARD NO. - 25

Sl No	Description of the Heritage Building	Location
175	BUILDING ASSOCIATED WITH KRISHNADAS PAL & RADHACHARAN PAL	63A, 63B, TARAK PRAMANIK ROAD, WARD NO. - 25
176	BUILDING ASSOCIATED WITH PRASANTA CHANDRA MAHALANABISH	210, BIDHAN SARANI WARD NO. - 25
177	STATUE OF SITANATH ROY, STATUE OF KAVIRAJ DWARKANATH SEN, STATUE OF PRIYANATH SEN, STATUE OF RAJA KALIKRISHNA DEV BAHADUR	9, BEADON SQUARE, WARD NO. - 26
178	BUILDING ASSOCIATED WITH SWAMI VIVEKANANDA	3, GOUR MUKHERJEE STREET, WARD NO. - 26
179	PAIR OF TEMPLES	61, W C BANERJEE STREET, WARD NO. - 26
180	PAIR OF TEMPLES	48, 46, DR. NARAYAN ROY SARANI, WARD NO. - 26
181	BEADON STREET POST OFFICE	BEADON STREET, WARD NO. - 26
182	CHRIST CHURCH	182B, 182C, BIDHAN SARANI, WARD NO. - 26
183	GOVINDA DEY'S TEMPLE	74, DR. NARAYAN ROY SARANI, WARD NO. - 26
184	NISTARINI TEMPLE COMPLEX	25, BETHUNE ROW, WARD NO. - 26
185	BETHUNE SCHOOL AND COLLEGE	181, 182A, BIDHAN SARANI, 128/1, RAMDULAL SARKAR STREET, WARD NO. - 26
186	BALI BARI 100 YEARS OLD	133, RAMDULAL SARKAR STREET, WARD NO. - 26
187	YOTIRAJ BHAVAN	101C, 101D, 101B, 101A, VIVEKANANDA ROAD, WARD NO. - 26
188	THAKURBARI OF BANSIDHAR MITRA	33, 34/2, RAMDULAL SARKAR STREET, WARD NO. - 26
189	MINERVA THEATRE	6, BEADON STREET, WARD NO. - 26
190	GIRISHCHANDRA DEY & NAKUR NANDI (SHOP)	56, RAMDULAL SARKAR STREET, WARD NO. - 26
191	BUILDING ASSOCIATED WITH WOMESH CHANDRA BANDYOPADHYAY	69A, W C BANERJEE STREET, WARD NO. - 26
192	OLD RESIDENTIAL HOUSE NOW BEING PARTLY USED AS PRESS, OFFICES ETC.,	36B, 36A, 36C, 36D, BETHUNE ROW, WARD NO. - 26
193	TRADITIONAL RESIDENTIAL HOUSE	6, ASHUTOSH DE LANE, WARD NO. - 26
194	CLOCK TOWER AT MANICKTALA MARKET	187, VIVEKANANDA ROAD, 123/1/1, ACHARYA PRAFULLA CHANDRA ROAD, 123, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 27
195	GATEWAY OF LAHA'S HOUSE	KAILASH BOSE STREET, WARD NO. - 27
196	AZAD HIND BAG INCLUDING STATUE OF BUTTAKRISTA PAL	URQUHART SQUARE, WARD NO. - 27
197	SCOTTISH CHURCH COLLEGE - B.ED. BLOCK	1, URQUHART SQUARE, WARD NO. - 27
198	PREVIOUSLY RESIDENCE OF BRITISH EXECUTIVE	2, URQUHART SQUARE, WARD NO. - 27
199	SCOTTISH CHURCH COLLEGE	3, URQUHART SQUARE, WARD NO. - 27
200	Y.M.C.A. - VIVEKANANDA ROAD	113, VIVEKANANDA ROAD, WARD NO. - 27

Sl No	Description of the Heritage Building	Location
201	JANARDAN SAHA'S HOUSE	122/1A, 122A, 122B, 122D, 122/1B, 122/1C, SISIR BHADHURY SARANI, WARD NO. - 27
202	RAJA RAMMOHAN ROY, NOW OFFICE OF THE DEPUTY COMMISSIONER OF POLICE (NORTH) AND POLICE MUSEUM.	113, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 27
203	SRI SRI JAGAT JANANI TEMPLE	77, SISIR BHADHURY SARANI, WARD NO. - 27
204	TEMPLE	80/1, SISIR BHADHURY SARANI, WARD NO. - 27
205	DUFF CHURCH, INDIAN (BENGALI)	127, 128, SISIR BHADHURY SARANI, WARD NO. - 27
206	THAKURBARI OF BANKUBIHARI SAHA	12, BINODE SAHA LANE, WARD NO. - 27
207	RAMA PROSAD ROY (FIRST INDIAN JUSTICE OF THE CALCUTTA HIGH COURT)	85B, 85A, 85A, 85D, 85C, RAJA RAMMOHAN SARANI, WARD NO. - 27
208	'EDUCATION GAZETTE' WAS PUBLISHED FROM HERE.	71A, 71B, SISIR BHADHURY SARANI, WARD NO. - 27
209	ST. MARGARET SCHOOL	19, DUFF STREET, WARD NO. - 27
210	'JANASEVAK' WAS PUBLISHED FROM HERE.	18A, 18B, DR. DHIREN SEN SARANI, WARD NO. - 27
211	ADI MAHAKALI PATHSHALA	35C, KAILASH BOSE STREET, WARD NO. - 27
212	BUILDING ASSOCIATED WITH DWIJENDRALAL ROY	4A, D. L. ROY STREET, WARD NO. - 27
213	BUILDING ASSOCIATED WITH BROJENDRANATH SEAL	25, RAMMOHAN SAHA LANE, WARD NO. - 27
214	BUILDING ASSOCIATED WITH RAJENDRANATH MUKHERJEE. PERSONALITY HOLY CHILD SCHOOL. ALSO NOTED FOR ARCHITECTURAL STYLE.	1, AVEDANANDA ROAD, WARD NO. - 27
215	SAHA HOUSE	3B, 3C, 3A, BINODE SAHA LANE, WARD NO. - 27
216	YMCA	114, VIVEKANANDA ROAD, WARD NO. - 27
217	ANUSHILAN SAMITY	49, BIDHAN SARANI, WARD NO. - 27
218	CALCUTTA DEAF AND DUMB SCHOOL	293, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
219	ATHENAEUM INSTITUTION	100A, GARPAN ROAD, WARD NO. - 28
220	BRAHMO BALIKA SIKSHALAYA	294, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
221	RAMMOHAN LIBRARY	267, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
222	SADHANA SARKAR UDYAN	294/2, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
223	CHURCH MISSION SOCIETY CEMETERY	259B, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
224	HARINATH DEY	29, WARDS INSTITUTION STREET, WARD NO. - 28

Sl No	Description of the Heritage Building	Location
225	FEDERATION HALL	294/2/1, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
226	M. N. CHATTERJEE EYE HOSPITAL	295/1, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO. - 28
227	GREEK CEMETERY	105, MOULANA ABUL KALAM AZAD SARANI, WARD NO. - 30
228	GURUDAS BANERJEE	28A, 28B, 28C, 28D, SASHTITALA ROAD, WARD NO. - 30
229	BENGAL CHEMICAL	168, MANICKTALA MAIN ROAD, 46, CANAL CIRCULAR ROAD, 41, CANAL CIRCULAR ROAD, 164, MANICKTALA MAIN ROAD, WARD NO. - 31
230	RAMAKRISHNA MATH (YOGODYAN)	6, JOGODYAN LANE, 7A, JOGODYAN LANE, 23/3B/2, 23/2, 23/3E, 23/3D, SHIB KRISTO DAW LANE, WARD NO. - 31
231	STATUE OF BIDHAN CHANDRA ROY	C. I. T. SCHEME NO. VII(M) , WARD NO. - 32
232	MUSLIM BURIAL GROUND, MAKBARA-I-AM	52, BAGMARI ROAD, WARD NO. - 32
233	KALI SEAL'S TEMPLE	98, SATIN SEN SARANI, WARD NO. - 32
234	GATEWAY BETWEEN 73A AND 73V MOULANA ABUL KALAM AZAD SARANI	MOULANA ABUL KALAM AZAD SARANI, WARD NO.-33
235	PARSI TOWER OF SILENCE	109, DR. SURESH CHANDRA BANERJEE ROAD, WARD NO.-33
236	JEWISH CEMETERY	45, MOULANA ABUL KALAM AZAD SARANI
237	SUBHAS SAROBAR	MOULANA ABUL KALAM AZAD SARANI, WARD NO.-33
238	GATEWAY OF THAKURBAGAN	DR. SURESH CHANDRA BANERJEE ROAD, WARD NO.-34
239	RAJENDRALAL MITRA'S HOUSE	143, 144, 145, 146 RAJA RAJENDRALAL MITRA ROAD, WARD NO.-34
240	MUSLIM BURIAL GROUND, BAGE MOHAMMEDI - DAWOODI BOHRA COMMUNITY BURIAL GROUND	1, RAJA RAJENDRALAL MITRA ROAD, WARD NO.-34
241	KARIMUNNESA BIBI MASJID	19, 19/1B, 19/1A, DR. SURESH CHANDRA BANERJEE ROAD, WARD NO.-34
242	HYDERI MANZIL – MAHATMA GANDHI STAYED HERE ON 15 TH AUGUST 1947	150B, DR. SURESH CHANDRA BANERJEE ROAD, WARD NO.-34
243	ROMAN CATHOLIC CEMETERY	169, DR. SURESH CHANDRA BANERJEE ROAD, WARD NO.-35
244	POPULARLY KNOWN AS ST. JOHN'S CATHOLIC CEMETERY	307, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-36
245	POPULARLY KNOWN AS MUSLIM BURIAL GROUND, SHIA 3, NORTH SEALDAH ROAD	NORTH SEALDAH ROAD, WARD NO.-36
246	POPULARLY KNOWN AS MUSLIM BURIAL GROUND, KURESHI 6, NORTH SEALDAH ROAD	NORTH SEALDAH ROAD, WARD NO.-36
247	POPULARLY KNOWN AS MUSLIM BURIAL GROUND, SURATI 8, HARSHI STREET JAMAT	HARSHI STREET, WARD NO.-36
248	MOSQUE	KAISER STREET, WARD NO.-36
249	MOSQUE	NORTH SEALDAH ROAD, WARD NO.-36

Sl No	Description of the Heritage Building	Location
250	BUILDING ASSOCIATED WITH MANINDRA CHANDRA NANDI, COSSIMBAZAR HOUSE	302, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-36
251	KESHAB CHANDRA SEN'S RESIDENCE (BRAHMO MEMORIALS BUILT OVER URNS CONTAINING ASHES)	78B, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-37
252	HOLY TRINITY CHURCH	RAJA RAMMOHAN SARANI, WARD NO.-37
253	ST. PAUL'S CATHEDRAL MISSION COLLEGE	33/1A, RAJA RAMMOHAN SARANI, WARD NO.-37
254	AMHERST STREET POST OFFICE	33B, RAJA RAMMOHAN SARANI, WARD NO.-37
255	D. N. DEY HOMOEOPATHIC MEDICAL COLLEGE	63, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-37
256	BUILDING ASSOCIATED WITH HEMENDRA MOHAN BOSE KARTIK BOSE	52, RAJA RAMMOHAN SARANI, WARD NO.-38
257	CALCUTTA UNIVERSITY, SCIENCE COLLEGE, RAJABAZAR.	92, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-38
258	CITY COLLEGE, AMHERST STREET	102/1, RAJA RAMMOHAN SARANI, WARD NO.-38
259	BUILDING ASSOCIATED WITH ISWAR CHANDRA VIDYASAGAR	36, VIDYASAGAR STREET, WARD NO.-38
260	BUILDING ASSOCIATED WITH JAGADISH CHANDRA BOSE	93, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-38
261	BUILDING ASSOCIATED WITH SATYACHARAN LAW	50A, 50B/1, KAILASH BOSE STREET, WARD NO.-38
262	BUILDING ASSOCIATED WITH NARENDRANATH LAHA / RESHEECASE LAW. ALSO NOTED FOR ARCHITECTURAL STYLE.	23A, 23/B, BALAI SINHA LANE, 96C, 96B, 96B/3, RAJA RAMMOHAN SARANI, WARD NO.-38
263	HOUSE OF G.C. MONDAL / A.K. MONDAL, SOLICITOR	93/3A/1, 93/3A/2, ACHARYA PRAFULLA CHANDRA ROAD, WARD NO.-38
264	BRAHMO PRAYER HALL - BHARATBARSHIYA BRAHMO SAMAJ	KESHAB CHANDRA SEN STREET, WARD NO.-38
265	THAKURBARI OF BIHARILAL MITRA	BECHU CHATTERJEE STREET, WARD NO.-38
266	RAJA KRISTO DASS LAW, THANTHANIA RAJBATI	2B, 2A, BIDHAN SARAN, WARD NO.-38
267	HINDU ACADEMY, AMHERST STREET	50, RAJA RAMMOHAN SARANI, WARD NO.-38
268	BOSE INSTITUTE, ALSO NOTED FOR ARCHITECTURAL STYLE.	93/1, ACHARYA PRAFULLA CHANDRA ROAD , WARD NO.-38
269	ARYAKANYA VIDYALAYA	20A, BIDHAN SARANI, WARD NO.-38
270	MAHESH CHANDRA ATARTHI & PREMANKUR ATARTHI	12, BIDHAN SARANI, WARD NO.-38
271	UPENDRA KISHORE RAYCHAUDHURI DWARAKANATH - KADAMBINI GANGULY, RAMKUMAR VIDYARATNA	13A, BIDHAN SARANI, WARD NO.-38
272	BUILDING ASSOCIATED WITH RAMCHANDRA MITRA	12, SHIBNARAIN DAS LANE, WARD NO.-38
273	BUILDING ASSOCIATED WITH KADAMBINI GANGULY	6, GURUPRASAD CHOWDHURY LANE, WARD NO.-38

Sl No	Description of the Heritage Building	Location
274	BUILDING ASSOCIATED WITH JADUNATH BOSE	23/1/1, 23/1/2, GURUPRASAD CHOWDHURY LANE, WARD NO.-38
275	BUILDING ASSOCIATED WITH REV. KRISHNAMOHAN BANERJEE	11A, 11B, 11D, 11E, 11C, GURUPRASAD CHOWDHURY LANE, WARD NO.-38
276	BUILDING ASSOCIATED WITH GIRINDRASEKHAR BOSE & RAJSHEKHAR BOSE	14, 14/1, PARSIBAGAN LANE, WARD NO.-38
277	RAM MOHAN HALL	102, RAJA RAMMOHAN SARANI, WARD NO.-38
278	VIDYASAGAR COLLEGE PREVIOUSLY HOSTEL	17, BIDHAN SARANI, WARD NO.-38
279	MARCUS SQUARE	51, MADAN MOHAN BURMAN STREET, WARD NO.-39
280	MAHAJATI SADAN	166, CHITTARANJAN AVENUE, WARD NO.-39
281	COLLEGE STREET MARKET (CENTRAL TOWER)	COLLEGE STREET, WARD NO.-39
282	HOUSE OF LAW FAMILY	223/1, 223, BIDHAN SARANI, WARD NO.-39
283	THAKURBARI OF BASUMULLICK FAMILY INCLUDING CAST IRON FIGURES	18B, 18D, 18A, 18C, RADHANATH MALLIK LANE, WARD NO.-40
284	COLLEGE SQUARE INCLUDING STATUES OF PANDIT ISWARCHANDRA VIDYASAGAR, ACHARYA PRAFULLA CHANDRA ROY. FIRST WORLD WAR MEMORIAL CENOTAPH & DAVID HARE'S GRAVE	53/1, 53/2, 53/3, 53/4, 53/5, 53/6, 53/7, COLLEGE STREET, WARD NO.-40
285	HINDU SCHOOL	1B, BANKIM CHATTERJEE STREET, WARD NO.-40
286	SANSKRIT COLLEGE INCLUDING STATUES OF PANDIT ISWARCHANDRA VIDYASAGAR & MAHES NYAYARATNA	1A, 1, BANKIM CHATTERJEE STREET, WARD NO.-40
287	ALBERT HALL NOW INDIAN COFFEE HOUSE	15, BANKIM CHATTERJEE STREET, WARD NO.-40
288	CALCUTTA UNIVERSITY INSTITUTE	7, BANKIM CHATTERJEE STREET, WARD NO.-40
289	BENGAL THEOSOPHICAL SOCIETY	BANKIM CHATTERJEE STREET, WARD NO.-40
290	DHARMARAJIKA VIHAR	4A, BANKIM CHATTERJEE STREET, WARD NO.-40
291	DALAN TEMPLE OF RADHAGOBINDA INCLUDING CAST IRON FIGURES	57, SITARAM GHOSH STREET, WARD NO.-40
292	STATUE OF KRISTO DAS PAL	MAHATMA GANDHI ROAD, WARD NO.-40
293	DASGUPTA & CO IS HOUSED HERE.	54/4, 54/1, COLLEGE STREET, WARD NO.-40
294	CITY COLLEGE, MIRZAPUR STREET	13, SURYA SEN STREET, WARD NO.-40
295	S. B. S. M. MARWARI HOSPITAL, AMHERST STREET	118C, 118B, 118A, RAJA RAMMOHAN SARANI, WARD NO.-40
296	BUILDING ASSOCIATED WITH SHYAMACHARAN DEY	13/1, 13, BANKIM CHATTERJEE STREET, WARD NO.-40
297	BRAHMO PRAYER HALL - ADI	236, RABINDRA SARANI, WARD NO.-41
298	MARBLE PALACE INCLUDING JAGANNATH TEMPLE (PRECINCT).	46, 44, MUKTARAM BABU STREET, WARD NO.-41

Sl No	Description of the Heritage Building	Location
299	HAVELI	17, BAL MUKUND MACKAR ROAD, WARD NO.-41
300	BARA SIKH SANGAT	172A, 172B, MAHATMA GANDHI ROAD, WARD NO.-42
301	CHOTA SIKH SANGAT	UTKALMANI GOPABANDHU SARANI, WARD NO.-42
302	PORTUGUESE CHURCH - OUR LADY OF THE ROSARY	15/1, 15, SAHID NITYANANDA SAHA SARANI, WARD NO.-42
303	SWETAMBAR PANCHAYET TEMPLE	UTKALMANI GOPABANDHU SARANI, WARD NO.-42
304	IMAMBARA OF AGA KARBULAI MOHAMMED	10, SAHID NITYANANDA SAHA, WARD NO.-42
305	THE CALCUTTA MUSLIM ORPHANAGE	8, SYED SALLEY LANE, WARD NO.-43
306	NAM SOON CHURCH	13, DAMZEN LANE, WARD NO.-43
307	SEA VOI YUNE LEONG FUTH CHURCH	17, BLACKBURN LANE, WARD NO.-43
308	CHINESE CHURCH	17A, 17/1A, TIRETTA BAZAR STREET, WARD NO.-43
309	NAKHODA MOSQUE	1, ZAKARIA STREET, 86, RABINDRA SARANI, WARD NO.-43
310	MUTTY LALL SEAL'S FREE COLLEGE	127, CHITTARANJAN AVENUE, WARD NO.-43
311	BADAN ROY'S HOUSE INCLUDING CAST IRON FIGURES.	2A, GOPAL CHANDRA LANE, WARD NO.-44
312	MOHAMMED ALI PARK INCLUDING UNDERGROUND RESERVOIR.	130, CHITTARANJAN AVENUE, WARD NO.-44
313	HARE SCHOOL INCLUDING STATUE OF DAVID HARE	87, COLLEGE STREET, WARD NO.-44
314	PRESIDENCY COLLEGE	86/1, COLLEGE STREET, WARD NO.-44
315	EDEN HINDU HOSTEL	3, PYARI SARKAR STREET, WARD NO.-44
316	UNIVERSITY OF CALCUTTA, STREET COLLEGE CAMPUS INCLUDING STATUE OF PRASANNA KUMAR TAGORE	1, ANAGARIKA DHARMAPALA STREET, WARD NO.-44
317	CALCUTTA SOCIETY FOR THE PREVENTION OF CRUELTY TO ANIMALS	276, BEPIN BEHARI GANGULY STREET, WARD NO.-44
318	Y.M.C.A. COLLEGE STREET	90/6A, 90/7A, MAHATMA GANDHI ROAD, 86A, COLLEGE STREET, , WARD NO.-44
319	MEDICAL COLLEGE	88, COLLEGE STREET, WARD NO.-44
320	SCHOOL OF TROPICAL MEDICINE	104, CHITTARANJAN AVENUE, WARD NO.-44
321	ALL INDIA INSTITUTE OF HYGIENE AND PUBLIC HEALTH	110, CHITTARANJAN AVENUE, WARD NO.-44
322	TOONG OON CHINESE CHURCH AND NANKING RESTAURENT	22, BLACKBURN LANE, WARD NO.-44
323	GEE HING CHURCH	13, BLACKBURN LANE, WARD NO.-44
324	SEA IP CHURCH	22/1A, CHATAWALLA GULLE, WARD NO.-44
325	CORONER'S COURT	2/2, NILMADHAB SEN LANE, WARD NO.-44

Sl No	Description of the Heritage Building	Location
326	FIRE BRIGADE HEADQUARTERS	136, CHITTARANJAN AVENUE, WARD NO.-44
327	MATILAL SEAL	60B, 60B/1, 60C, 60D, MAULANA SHAWKAT ALI STREET, WARD NO.-44
328	INCLUDING GATEWAY ON VANSITTART ROW ENTRANCE	32, 32/1, DALHOUSIE SQUARE, WARD NO. - 45
329	FRASER MACDONELL FOUNTAIN	ESPLANADE ROW WEST, WARD NO. - 45
330	AKASHVANI BHAVAN	3, SAHID KSHUDIRAM BOSE ROAD, WARD NO. - 45
331	EDEN GARDENS	EDEN GARDEN ROAD, WARD NO. - 45
332	MEMORIAL ADJOINING BIDHANSABHA BHAVAN	ESPLANADE ROW WEST, WARD NO. - 45
333	COLESWORTHY GRANT MEMORIAL	DALHOUSIE SQUARE NORTH, WARD NO. - 45
334	OUTRAM GHAT	STRAND ROAD, WARD NO. - 45
335	BABU GHAT	STRAND ROAD, WARD NO. - 45
336	MUTTY SEAL'S GHAT	STRAND ROAD, WARD NO. - 45
337	STRAND WAREHOUSE	STRAND ROAD, WARD NO. - 45
338	TOWN HALL	4, 4/1, ESPLANADE ROW WEST, WARD NO. - 45
339	METCALFE HALL	12, STRAND ROAD, WARD NO. - 45
340	HONGKONG BANK	31, DALHOUSIE SQUARE, WARD NO. - 45
341	FORMER RESERVE BANK BUILDING	8, COUNCIL HOUSE STREET, WARD NO. - 45
342	L.I.C. BUILDING	7, COUNCIL HOUSE STREET, WARD NO. - 45
343	WALLACE HOUSE	4, BANKSHALL STREET, WARD NO. - 45
344	CUSTOMS HOUSE	15/1, STRAND ROAD, WARD NO. - 45
345	TURNER MORRISON & CO	6, LYONS RANGE, WARD NO. - 45
346	ALLAHABAD BANK	14, INDIA EXCHANGE PLACE, WARD NO. - 45
347	CHARTERED BANK BUILDINGS	4, NETAJI SUBHAS ROAD, WARD NO. - 45
348	ROYAL EXCHANGE BUILDING	6, NETAJI SUBHAS ROAD, WARD NO. - 45
349	GILLANDER HOUSE	1, CLIVE BUILDINGS, WARD NO. - 45
350	LIC (FORMER ORIENTAL ASSURANCE) BUILDING	2, DR. RAJENDRA PRASAD SARANI, WARD NO. - 45
351	YULE HOUSE	8, DR. RAJENDRA PRASAD SARANI, WARD NO. - 45
352	DUNCAN HOUSE	31, NETAJI SUBHAS ROAD, WARD NO. - 45
353	LIC (FORMER NORTH BRITISH & MERCANTILE ASSURANCE) BUILDING	29, NETAJI SUBHAS ROAD, WARD NO. - 45
354	BALMER LAWRIE (OFFICE)	21, NETAJI SUBHAS ROAD, WARD NO. - 45
355	ALLAHABAD BANK	2, NETAJI SUBHAS ROAD, WARD NO. - 45
356	MACKINNON MACKENZIE & CO. LTD.	16, STRAND ROAD, WARD NO. - 45

Sl No	Description of the Heritage Building	Location
357	ROYAL INSURANCE BUILDING	5, NETAJI SUBHAS ROAD, WARD NO. - 45
358	BANK OF MAHARASHTRA, MACLEOD HOUSE	3, NETAJI SUBHAS ROAD, WARD NO. - 45
359	TEMPLE CHAMBER	6, OLD POST OFFICE STREET, WARD NO. - 45
360	BUTTO KRISTO PAUL (SHOP)	1A, BONFIELD LANE, WARD NO. - 45
361	ARMENIAN CHURCH INCLUDING BURIAL GROUND.	1,2,2/1,2/2A, ARMENIAN STREET, WARD NO. - 45
362	MAGHEN DAVID (JEWISH SYNAGOGUE)	109, BIPLABI RASH BEHARI BASU ROAD, WARD NO. - 45
363	NEVEH SALOME (JEWISH SYNAGOGUE)	9, INDRA KUMAR KARNANI STREET, WARD NO. - 45
364	BETH-EL (JEWISH SYNAGOGUE)	26/1, POLLOCK STREET, WARD NO. - 45
365	RUSTOMJEE KAWASJEE BANAJEES FIRE TEMPLE	26,27,31, EZRA STREET & 19, PARSI CHURCH STREET, WARD NO. - 45
366	KOLKATA PORT TRUST OFFICE	15, STRAND ROAD, WARD NO. - 45
367	GENERAL POST OFFICE	9, NETAJI SUBHAS ROAD, WARD NO. - 45
368	DEPUTY A.G., P & T	7, KAYLAGHAT STREET, WARD NO. - 45
369	CENTRAL TELEGRAPH OFFICE	8, RED CROSS PLACE, WARD NO. - 45
370	TELEGRAPH CHECK OFFICE	33, DALHOUSIE SQUARE, WARD NO. - 45
371	HIGH COURT INCLUDING STATUE OF SIR EDWARD HYDE EAST AND ALL OTHER BUSTS AND STATUES IN HIGH COURT	4, OLD POST OFFICE STREET, WARD NO. - 45
372	BANKSHALL COURT	2, BANKSHALL STREET, WARD NO. - 45
373	EASTERN RAILWAY OFFICE	1, BANKSHALL STREET, WARD NO. - 45
374	EASTERN RAILWAY OFFICE	17, NETAJI SUBHAS ROAD, WARD NO. - 45
375	RESERVE BANK	15,15/1A,13 NETAJI SUBHAS ROAD, WARD NO. - 45
376	GOVERNMENT STATIONERY OFFICE	11,11/1, STRAND ROAD & 3, CHURCH LANE, WARD NO. - 45
377	REGISTRAR OF ASSURANCE	5, GOVERNMENT PLACE, WARD NO. - 45
378	ST. JOHN'S AMBULANCE	6, GOVERNMENT PLACE, WARD NO. - 45
379	ST. JOHN'S CHURCH INCLUDING HOLWELL MONUMENT, ROHILLA MEMORIAL MONUMENT & MAUSOLEUM OF JOB CHARNOCK	2/2,2/1 COUNCIL HOUSE STREET WARD NO. - 45
380	RAJ BHAVAN	1, GOVERNMENT PLACE, WARD NO. - 45
381	BIDHAN SABHA BHAVAN	ESPLANADE ROW WEST, WARD NO. - 45
382	WRITERS' BUILDING (MAHAKARAN)	16, DALHOUSIE SQUARE NORTH, WARD NO. - 45
383	TREASURY BUILDINGS	2,3, GOVERNMENT PLACE, WARD NO. - 45
384	GOVT. OF INDIA COMMERCE & INDUSTRY DEPARTMENT	1, COUNCIL HOUSE STREET, WARD NO. - 45
385	POLICE HEADQUARTERS	1, RABINDRA SARANI, WARD NO. - 45
386	CALCUTTA COLLECTORATE	11, NETAJI SUBHAS ROAD, WARD NO. - 45

Sl No	Description of the Heritage Building	Location
387	GOVERNOR'S ESTATES	5,5/1,5/2,6,6/1 RED CROSS PLACE, WARD NO. - 45
388	STATUE OF DESHBANDHU CHITTARANJAN DAS	GOVERNMENT PLACE, WARD NO. - 45
389	STATUE OF MAHARAJA LAKSMISWAR SINGH OF DARBHANGA	DALHOUSIE SQUARE, WARD NO. - 45
390	PRINCE OF WALES' VISIT MEMORIAL	FAIRLIE PLACE, WARD NO. - 45
391	STATUE OF HEMANTA KUMAR BOSE	GOVERNMENT PLACE, WARD NO. - 45
392	STATUE OF SARAT CHANDRA BOSE	ESPLANADE ROW WEST, WARD NO. - 45
393	STATUE OF BIDHAN CHANDRA ROY	DALHOUSIE SQUARE NORTH, WARD NO. - 45
394	STATUE OF KSHUDIRAM BOSE	SAHID KSHUDIRAM BOSE ROAD, WARD NO. - 45
395	STATUE OF BANKIMCHANDRA CHATTOPADHYAYA	STRAND ROAD, WARD NO. - 45
396	STATUE OF SURYA SEN	ESPLANADE ROW WEST, WARD NO. - 45
397	MANGAL MINAR & MEMORIAL OF BARANDA BATTLE	DALHOUSIE SQUARE NORTH, WARD NO. - 45
398	STREET ORDERLY BIN (CAST IRON) [LANDMARK]	OLD POST OFFICE STREET, WARD NO. - 45
399	ST. ANDREWS CHURCH, SCOTTISH CHURCH	15, DALHOUSIE SQUARE NORTH, WARD NO. - 45
400	BIDHAN SAROVAR (LAL DIGHI)	DALHOUSIE SQUARE, WARD NO. - 45
401	STATUE OF LOKAMANYA TILAK	LAWRENCE ROAD, WARD NO. - 45
402	KETTLEWELL BULLEN & CO	21, STRAND ROAD, WARD NO. - 45
403	MOHTA HOUSE (OFFICE)	29, STRAND ROAD, WARD NO. - 45
404	NEW INDIA ASSURANCE	4, LYONS RANGE, WARD NO. - 45
405	STOCK EXCHANGE OF INDIA	7, LYONS RANGE, WARD NO. - 45
406	UNION BANK OF INDIA	15, INDIA EXCHANGE PLACE, WARD NO. - 45
407	COAL INDIA	10, NETAJI SUBHAS ROAD, WARD NO. - 45
408	JUTE HOUSE	12, INDIA EXCHANGE PLACE, WARD NO. - 45
409	SHAHID MINAR	SIDO-KANHU DAHAR, WARD NO. - 46
410	HINDU MUTUAL HOUSE	14, MADAN STREET, WARD NO. - 46
411	METRO CINEMA HALL	5, JAWAHARLAL NEHRU ROAD, WARD NO. - 46
412	GRAND HOTEL	15/7,15/9,16A,16/2,16/3,16/5,17, JAWAHARLAL NEHRU ROAD & 6A, 7A, 7B, 8A, 9A, 9B, CHOWRINGHEE PLACE & 15/6, 15/4, 15/3, 15/2, 15A, 15/1, JAWAHARLAL NEHRU ROAD, WARD NO. - 46
413	TOWER HOUSE	2A, 2B, CHOWRINGHEE SQUARE, WARD NO. - 46
414	VICTORIA HOUSE, CESC OFFICE	5, CHOWRINGHEE SQUARE, WARD NO. - 46
415	SIR STUART HOGG MARKET (NEW MARKET) INCLUDING CLOCK TOWER	19, NELLIE SEN GUPTA SARANI, WARD NO. - 46

Sl No	Description of the Heritage Building	Location
416	PARSI FIRE TEMPLE	91, METCALFE STREET, WARD NO. - 46
417	ESPLANADE MANSION (RAILWAY PUBLIC RELATIONS & PUBLICITY)	1, 2, SIDO-KANHU DAHAR & 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, ESPLANADE MANSIONS, WARD NO. - 46
418	CENTRAL MUNICIPAL OFFICE, THE KOLKATA MUNICIPAL CORPORATION	5, SURENDRA NATH BANERJEE ROAD, WARD NO. - 46
419	CAREY BAPTIST CHURCH	31B, 31A, BEPIN BEHARI GANGULY, WARD NO. - 46
420	CHURCH OF THE SACRED HEART OF JESUS	2,3, 4, LENIN SARANI, WARD NO. - 46
421	PRINCE GOLAM MOHAMMED MOSQUE	185B, LENIN SARANI, WARD NO. - 46
422	ORDNANCE FACTORY BOARD - OFFICE OF CHIEF CONTROLLER OF ACCOUNTS.	5, SIDO-KANHU DAHAR, WARD NO. - 46
423	MILITARY ACCOUNTS OFFICE	6, SIDO-KANHU DAHAR, WARD NO. - 46
424	STATUE OF RASHBEHARI BOSE	SIDO-KANHU DAHAR, WARD NO. - 46
425	STATUE OF B. R. AMBEDKAR	RED ROAD, WARD NO. - 46
426	STATUE OF MATANGINI HAZRA	RED ROAD, WARD NO. - 46
427	STATUE OF MICHAEL MADHUSUDAN DUTTA	RED ROAD, WARD NO. - 46
428	SURENDRA NATH PARK INCLUDING PANIOTY FOUNTAIN AND CTC OFFICE	SIDO-KANHU DAHAR, WARD NO. - 46
429	STATUE OF SHYAMAPRASAD MUKHOPADHYAYA	RED ROAD, WARD NO. - 46
430	STATUE OF SIR HARIRAM GOENKA	RASHMONI AVENUE, WARD NO. - 46
431	CHOONG YE THONG CHURCH	2, CHANDNEY APPROACH, WARD NO. - 46
432	FIRST WORLD WAR MEMORIAL CENOTAPH AT KOLKATA MAIDAN	RED ROAD, WARD NO. - 46
433	OLD MISSION CHURCH	3,5, RAJENDRA NATH MUKHERJEE ROAD, WARD NO. - 46
434	PANIOTY FOUNTAIN	SIDO-KANHU DAHAR, WARD NO. - 46
435	STATUE OF SIR ASHUTOSH MUKHOPADHYAY	CHOWRINGHEE SQUARE, WARD NO. - 46
436	STATUE OF SURENDRA NATH BANDYOPADHYAY	RASHMONI AVENUE, WARD NO. - 46
437	STATUE OF NALINIRANJAN SARKAR	4, CHITTARANJAN AVENUE, WARD NO. - 46
438	PELITI-FIRPO IN WHICH PELITI'S RESTAURANT WAS LOCATED	14, HEMANTA BASU SARANI, WARD NO. - 46
439	NEW EMPIRE CINEMA HALL	1, HUMAYAN PLACE, WARD NO. - 46
440	MANOHAR DAS TARAG INCLUDING FOUR CORNER KIOSKS	JAWAHARLAL NEHRU ROAD, WARD NO. - 46
441	STATUE OF MAHATMA GANDHI	GURU NANAK SARANI, WARD NO. - 46
442	STATUE OF LENIN	SIDO-KANHU DAHAR, WARD NO. - 46
443	CURRENCY BUILDING	1, SURENDRA MOHAN GHOSH SARANI,
444	WHITEAWAY LAIDLAW NOW METROPOLITAN INSURANCE BUILDING	7, JAWAHARLAL NEHRU ROAD, WARD NO. - 46
445	STATESMAN HOUSE	4, CHOWRINGHEE SQUARE, WARD NO. - 46

Sl No	Description of the Heritage Building	Location
446	Y.W.C.A	134, SURENDRA NATH BANERJEE ROAD, WARD NO. - 46
447	ROXY CINEMA HALL	4B,4A, CHOWRINGHEE PLACE, WARD NO. - 46
448	MARTIN BURN (OFFICE)	1, RAJENDRA NATH MUKHERJEE ROAD, WARD NO. - 46
449	LESLIE HOUSE	19A, 19B, JAWAHARLAL NEHRU ROAD, WARD NO. - 46
450	PEERLESS BAZAR	1G, 1F, 1E, 1C, 1B, 1A, 1H,1J, 1K, 1D, CHOWRINGHEE SQUARE, WARD NO. - 46
451	FRANCIS KLEIN (BRANCH)	10A, HEMANTA BASU SARANI, WARD NO. - 46
452	GREAT EASTERN HOTEL	18, HEMANTA BASU SARANI, WARD NO. - 46
453	AVERY INDIA LTD	28,28/1,28/2 SIRAJ-UD-DOULA SARANI, WARD NO. - 46
454	THACKER SPINCK WAS LOCATED HERE	3, SIDO-KANHU DAHAR, WARD NO. - 46
455	BOURNE & SHEPHERD (PHOTOGRAPHER)	SURENDRA NATH BANERJEE ROAD, WARD NO. - 46
456	CUTHBERTSON & HARPER (SHOP)	16M, 16A,, 16B, 16C, 16D, 16E, 16F, 16G, 16H, 16J, 16K, 16L, 16N, 16P, 16Q, 16R, 16/1H, 16/1J, 16/1Q, 16/1K, 16/1L, 16/1M, 16/1N, 16/1P, 16/1R, 16/1G, 16/1A, 16/1B, 16/1C, 16/1F, 16/1E, 16/1D,HEMANTA BASU SARANI, WARD NO. - 46
457	INDIAN ASSOCIATION	62, BEPIN BEHARI GANGULY STREET, WARD NO. -47
458	CALCUTTA POLICE QUARTER	37, CHITTARANJAN AVENUE, WARD NO. -47
459	CHURCH OF ST. FRANCIS XAVIER	68, BEPIN BEHARI GANGULY STREET, WARD NO. - 47
460	CHARCHALA SIVA TEMPLE	32/1,DR. LALIT BANERJEE SARANI, WARD NO. - 47
461	FIRINGI KALI TEMPLE	244, BEPIN BEHARI GANGULY STREET, WARD NO. - 47
462	RAJKRISHNA DAS TEMPLE	8, KAPALITOLA LANE, WARD NO. - 47
463	TEMPLE COMPLEX OF TRILOKERAM PAKRASHI	18/1, KENDERDINE LANE, WARD NO. - 47
464	DHARMANKUR VIHAR	1A, 1B, BUDDHIST TEMPLE LANE, WARD NO. - 47
465	BUILDING ASSOCIATED WITH NIRMALCHUNDER CHANDRA	23, NIRMAL CHUNDER STREET, WARD NO. - 47
466	BUILDING ASSOCIATED WITH DR. BIDHAN CHANDRA ROY	36, NIRMAL CHUNDER STREET, WARD NO. - 47
467	SEN BHAVAN	7A, 7B, 7C, 7D, KAPALITOLA LANE & 41, CHITTARANJAN AVENUE, WARD NO. - 47
468	THAKURBARI OF RAMKANAI ADHIKARI	1, BABURAM SIL LANE, WARD NO. -48
469	THAKURBARI OF CHUNIMANI DASI	6/1, GOBINDA SEN LANE, WARD NO. -48

Sl No	Description of the Heritage Building	Location
470	BUILDING ASSOCIATED WITH LALCHAND BORAL	1/1A, 1/1D, 1/1C, 1/1B, PREM CHAND BORAL STREET, WARD NO. -48
471	OFFICE OF BENGAL PROVINCIAL STUDENT FEDERATION	84/1A, 84A, 84/3A, BEPIN BEHARI GANGULY STREET, WARD NO. -48
472	DAINIK BASUMATI, NOTED FOR ARCHITECTURAL STYLE ALSO.	166, BEPIN BEHARI GANGULY STREET, WARD NO. -49
473	SIVA & KALI TEMPLE	85, AKHIL MISTRY LANE, WARD NO. -49
474	SRADDHANANDA PARK	34,34/1, SURYA SEN STREET, WARD NO. -49
475	A.TOSH & SONS	11/1, MAHATMA GANDHI ROAD, WARD NO. -49
476	CENTRAL METHODIST EPISCOPAL CHURCH - INDIAN	130, 131 LENIN SARANI, WARD NO. -50
477	CHURCH OF OUR LADY OF DOLOURS	146/1, 146/2, 147, BEPIN BEHARI GANGULY STREET, WARD NO. -50
478	UNION CHAPEL	137B,136, 137A, 137 LENIN SARANI, WARD NO. -50
479	SANTOSH MITRA SQUARE	ST JAMES STREET, WARD NO. -50
480	MUCHIPARA EXCISE BARRACK	116A, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. -50
481	THE REFUGE-PUBLIC INSTITUTION	125A, BEPIN BEHARI GANGULY STREET, WARD NO. -50
482	BUILDING ASSOCIATED WITH DR. MAHENDRALAL SARKAR	15, MAHENDRA SARKAR STREET, WARD NO. -50
483	MUCHIPARA P.S.	6, ST JAMES STREET, WARD NO. -50
484	RAJA SUBODH MULLICK SQUARE	15/1, 15/5, 15/4, 15, 15/3, 15/2 RAJA SUBODH MULLICK, WARD NO. -51
485	SUBODH CHANDRA MULLICK	12, RAJA SUBODH MULLICK SQUARE , WARD NO. -51
486	GATEWAY	52A, 52B, INDIAN MIRROR STREET, WARD NO. -51
487	ONCE BOWBAZAR BANGA NATYALAY	15, GOBINDA SARKAR LANE, WARD NO. -51
488	CALCUTTA TECHNICAL SCHOOL	110, SURENDRA NATH BANERJEE ROAD, WARD NO.-52
489	MAULANA AZAD COLLEGE	8, RAFI AHMED KIDWAI ROAD, WARD NO.-52
490	BUILDING ASSOCIATED WITH RANI RASMONI	20A, 20B, 21, 19A, 18/3A, 19B, SURENDRA NATH BANERJEE ROAD & 13B, 13ARANI RASHMONI ROAD, WARD NO.-52
491	ST. THOMAS CHURCH	9/1, 9, MIRZA GHALIB STREET, WARD NO.-52
492	CHURCH OF ST. TERESA AND THE SCHOOL	92/1, 93, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-53
493	KHANKA SHARIF DAUDERIA	16A, 18A, 22A, GARDNER LANE, WARD NO.- 53
494	CALCUTTA MADRASSAH HOSTEL	17, HAJI MOHAMMED MOHSIN SQUARE, WARD NO.- 53

Sl No	Description of the Heritage Building	Location
495	BAKER HOSTEL, MAULANA AZAD COLLEGE	8, SMITH LANE, WARD NO.- 53
496	BUILDING ASSOCIATED WITH S. N. BANERJEE	103, DURGA CHARAN DOCTOR ROAD, WARD NO.- 53
497	TALTALA P.S	4, TALTALA LANE, WARD NO.- 53
498	SARADA VIDYA BHAVAN ESTD. 1950 PREVIOUSLY A PROPERTY OF RANI RASHMONI	24A/1B, 24A/1C ,24A, 24A/1A, DR. SURESH SARKAR ROAD, WARD NO.-54
499	BIBI ANARO'S IMAMBARA	31, HAREKRISHNA KONAR ROAD, WARD NO.-54
500	SUR INDUSTRIES INCLUDING FOUNTAIN	163, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-54
501	BUILDING ASSOCIATED WITH H. L. V. DEROZIO	155A, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-54
502	CHIMNEY AT PALMER BRIDGE PUMPING STATION	PALMER BAZAR ROAD, WARD NO.-55
503	NILRATAN SARKAR MEDICAL COLLEGE	138, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-55
504	TRAILOKYA KUTIR	17, DIHI ENTALLY ROAD & 61, DEB LANE, WARD NO.-55
505	HOUSE OF DEBENDRA NARAYAN DEB - A GREAT ZAMINDAR INCLUDING CAST IRON FIGURES	7C, 7D, DIHI ENTALLY ROAD, WARD NO.-55
506	BUILDING ASSOCIATED WITH HARIDAS SIDDHANTA BAGISH	41B, 41A, DEB LANE, WARD NO.-55
507	ROMAN CATHOLIC CEMETERY	22, CONVENT ROAD, WARD NO.-55
508	ST. GEORGE'S CHURCH / BISHOP LEFROY MEMORIAL	38A, 38B ANANDA PALIT ROAD, WARD NO.-55
509	MOSQUE & IMAMBARA	100A, 100B, 98, DR. LALMOHAN BHATTACHARYYA ROAD, WARD NO.-55
510	HOUSE OF DR. SURESH SARKAR	2/1B, 2/1A DEB LANE, WARD NO.-55
511	CHINESE BURIAL GROUND, CHOONG DHONG	98, DEBENDRA CHANDRA DEY ROAD, WARD NO.-56
512	LORETO ST. MARY'S CONVENT	1, CONVENT LANE, WARD NO.-56
513	GATEWAY OF BELIAGHATA COMMERCIAL TAX BUILDING,	14, BELIAGHATA ROAD, WARD NO.-57
514	GATEWAY OF GHOSH'S CASTLE	13, BELIAGHATA ROAD, WARD NO.-57
515	CHINESE BURIAL GROUND, NAM SOON SENG CHEONG	8, MATHUR BABU LANE, WARD NO.-57
516	CHINESE BURIAL GROUND, GEE HING	6, MEHER ALI LANE, WARD NO.-57
517	MUSLIM BURIAL GROUND	DEBENDRA CHANDRA DEY ROAD , WARD NO.-57
518	CHINESE BURIAL GROUND, SEA VAI COON KOON	12, NEW TANGRA ROAD, WARD NO.-58
519	CHINESE BURIAL GROUND, TONGOON	MATHESWARTOLA ROAD, WARD NO.-58
520	CHINESE BURIAL GROUND, CHUNG WAH	MATHESWARTOLA ROAD, WARD NO.-58
521	ARMENIAN BURIAL GROUND AND CHAPEL	1/1, MATHESWARTOLA ROAD, WARD NO.-58
522	CHINESE BURIAL GROUND	5, TANGRA 2ND LANE, WARD NO.-58
523	HINDU BURIAL GROUND	1, TOPSIA ROAD SOUTH, WARD NO.-59
524	MUSLIM BURIAL GROUND	1, RAICHARAN PAL LANE, WARD NO.-59

Sl No	Description of the Heritage Building	Location
525	MUSLIM BURIAL GROUND, GORIBAN	32, GOBRA GORISTHAN ROAD, WARD NO.-59
526	GOBRA MUSLIM KABARSTHAN NO 2, TILJALA EXTENSION	20, MAHENDRA ROY LANE, WARD NO.-59
527	MUSLIM BURIAL GROUND, TILJALA NEW EXTENSION	20, MAHENDRA CHATTERJEE LANE, WARD NO.-59
528	GAS CREMATORIUM, KMC	2, CREMATORIUM STREET, WARD NO.-60
529	LADY BRABOURNE COLLEGE	10, 1/1, 1/2 C. I. T. SCHEME NO. XXXV WARD NO.-60
530	BUILDING ASSOCIATED WITH HASSAN SHAHID SUHRAWARDY	3, SUHRAWARDY AVENUE, WARD NO.-60
531	PARK PALACE	1, SUHRAWARDY AVENUE, WARD NO.-60
532	ST JAMES' SCHOOL	165A, 165B, 166, 167, 167/1 ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-60
533	ST. JAMES' CHURCH	165/1 ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-60
534	MARINA GARDEN COURT	191, PARK STREET, WARD NO.-60
535	BUILDING ASSOCIATED WITH SUNAYANI DEVI	170/2C, 170/2D, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-60
536	NONA PUKUR TRAM DEPOT	183, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-61
537	BAPTIST MISSION	44, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-61
538	LOWER CIRCULAR ROAD CEMETERY	184, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-61
539	ARMENIAN CHURCH	41A, 41B MANORANJAN ROY CHOWDHURY ROAD, WARD NO.-61
540	BAPTIST CHAPEL	43B, 42, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-61
541	EMERALD COURT	178, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-61
542	PARK STREET POLICE STATION	89, PARK STREET
543	SEN LAW & CO	52/1, 52 RAFI AHMED KIDWAI ROAD, WARD NO.-61
544	HAJI MD. MOHSIN SQUARE	RAFI AHMED KIDWAI ROAD, WARD NO.-62
545	CALCUTTA MADRASSAH	21B, HAJI MOHAMMED MOHSINSQUARE, WARD NO.-62
546	SAVIOUR'S CHURCH - INDIAN(TAMIL)	9, HAJI MOHAMMED MOHSIN SQUARE WARD NO.-62
547	BUILDING ASSOCIATED WITH KIRAN SANKAR ROY	45A, 47A, 45B, 45C, 44B ,45B, 46ABDUL HALIM LANE, WARD NO.-62
548	HOUSE GOOPTU FAMILY	5, MIDDLETON STREET ACHARYA JAGADISH CHANDRA BOSE ROAD, , WARD NO.-63
549	ST. XAVIER'S COLLEGE, SANS SOUCI THEATRE (1839) EXISTED HERE.	30, PARK STREET, WARD NO.- 63

Sl No	Description of the Heritage Building	Location
550	GOVERNMENT COLLEGE OF ART & CRAFTS	28, JAWAHARLAL NEHRU ROAD, WARD NO.- , 63
551	LA MARTINIERE FOR BOYS	11, DR. U. N. BRAHMACHARI STREET, WARD NO.- 63
552	LA MARTINIERE FOR GIRLS	14, SAROJINI NAIDU SARANI, WARD NO.- 63
553	LORETO SCHOOL AND COLLEGE	7, SIR WILLIAM JONES SARANI, WARD NO.- 63
554	ASIATIC SOCIETY	1A, 1B, 1/1 PARK STREET, WARD NO.- 63
555	INDIAN MUSEUM INCLUDING JHINJHERI TALAO. ALSO NOTED FOR ARCHITECTURAL STYLE. MUSEUM OFFICE, ORIGINALLY SUDDER DIWANI ADALAT	27, JAWAHARLAL NEHRU ROAD, WARD NO.- 63
556	YMCA, CHOWRINGHEE. ALSO NOTED FOR ARCHITECTURAL STYLE.	25, JAWAHARLAL NEHRU ROAD, WARD NO.- 63
557	BIBLE SOCIETY, ALSO NOTED FOR ARCHITECTURAL STYLE	23, JAWAHARLAL NEHRU ROAD, WARD NO.- 63
558	ROYAL CALCUTTA TURF CLUB	11, ANANDILAL PODDAR SARANI, WARD NO.- 63
559	FAIR LAWN HOTEL	13A, 13B, SUDDER STREET, WARD NO.- 63
560	THE ASTOR HOTEL	15, SHAKESPEARE SARAN, WARD NO.- 63
561	I.T.C. (VIRGINIA HOUSE)	37, CHOWRINGHEE ROAD ,WARD NO.-63
562	KANAK BUILDING	41, CHOWRINGHEE ROAD,WARD NO.-63
563	BUILDING ASSOCIATED WITH RAJENDRANATH MUKHERJEE	7, HO-CHI-MINH SARAN,WARD NO.-63
564	CHOWRINGHEE MANSION	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 30A, 30B, 30C, 30D, 30E, 30G, 30H,. CHOWRINGHEE MANSION, WARD NO.-63
567	PALACE COURT	1/12B, 1/11B, 1/10B, 1/9B, 1/7B,1/6B,1/5B, 1/4B,1/3B,1/2B,1/50B, 1/49B 1/48B,1/47B, 1/1A, 1/1C, 1/1B, 1/46B, 1/45B, 1/44B, 1/43B, 1/42B, 1/41B, 1/40B, 1/39B, 1/38B, 1/37B, 1/36B, 1/35B, 1/34B, 1/33B, 1/32B, 1/31B, 1/30B, 1/29B1/28B, 1/27B, 1/26B, 1/25B, 1/24B, 1/23B, 1/22B, 1/21B, 1/20B, 1/17B, 1/18B, 1/19B, 1/16B, 1/15B, 1/14B, 1/13B,DR. MD. ISHAQUE ROAD,WARD NO.-63
568	WESLEYAN CHURCH	15, SUDDER STREET,WARD NO.-63
569	AUROBINDO BHABAN	8, SHAKESPEARE SARANI,WARD NO.-63
570	S. B. I. BUILDING	6, SHAKESPEARE SARAN,WARD NO.-63
571	SOUTH PARK STREET CEMETERY	52, PARK STREET,WARD NO.-63
572	FREEMASONS' HALL (ENGLISH & IRISH)	19, PARK STREET,WARD NO.-63
573	ARCHBISHOP'S HOUSE	32, PARK STREET,WARD NO.-63
574	GEOLOGICAL SURVEY OF INDIA. NOTED FOR ARCHITECTURAL STYLE ALSO	29, JAWAHARLAL NEHRU ROAD,WARD NO.-63

Sl No	Description of the Heritage Building	Location
575	QUEEN'S MANSION	13A, 13A/1, 13B, 13B/1, 13C, 13D, 13E, & 12A, 12B/1, 12B/2, 12C, 12D, 12E, 12F12G, 12H, 12J, 12K, 12M, 12N, 12P, 12Q/1, 12Q/8, 12Q/9, 12Q/1012Q/11, 12Q/12, 12Q/13, 12Q/14, 12Q/15, 12Q/16, 12Q/17, 12Q/18, 12Q/19, 12Q/20, 12Q/21, 12Q/23, 12Q/24, 12Q/25, 12Q/26, 12Q/27, 12Q/45, 12Q/46, 12Q/47, 12Q/48, 12Q/49, 12Q/50, 12Q/51, 12Q/52, 12Q/53, 12Q/54, 12Q/55, 12Q/56, 12Q/57, 12Q/58, 12Q/59, 12Q/61, 12Q/62, PARK STREET ANANDILAL PODDAR SARANI, WARD NO.-63
576	ST. PAUL'S CATHEDRAL	1, 1A, CATHEDRAL ROAD, WARD NO.-63
577	ST. THOMAS CHURCH	7/2, SIR WILLIAM JONES SARANI, WARD NO.-63
578	STATUE OF RAJA RAMMOHAN	OUTRAM ROAD, WARD NO.-63
579	BIRJEE TALAO	3, CATHEDRAL ROAD, WARD NO.-63
580	KOLKATA MAIDAN	JAWAHARLAL NEHRU ROAD, WARD NO.-63
581	JAWAHARLAL NEHRU	CHOWRINGHEE ROAD, WARD NO.-63
582	VICTORIA MEMORIAL (INCLUDING STATUES IN THE QUADRANGLE AND OTHER STATUES).	QUEEN'S WAY, WARD NO.-63
583	RACE COURSE	ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-63
584	BISHOP'S HOUSE	51, CHOWRINGHEE ROAD, WARD NO.-63
585	INTERNATIONAL CLUB	42A, SHAKESPEARE SARANI, WARD NO.-63
586	KENILWORTH HOTEL	7, NANDALAL BOSE SARANI, WARD NO.-63
587	KINGS COURT	46B, CHOWRINGHEE ROAD, WARD NO.-63
588	B.S.F. HEAD QUARTERS	2B, LORD SINHA ROAD, WARD NO.-63
589	KARNANI MANSION	21, 23, 25A, 25B, 27A, 27B, 29, 31, 33, 35, 3739, 43, 45, 47, 55, 57 PARK STREET, WARD NO.-63
590	STEPHEN COURT	18A, 18B, 18C, 18D18E18F, 18G, 18H, 18J, 18K, 18L, 118M PARK STREET, WARD NO.-63
591	VICTOR HOUSE	59A, 59B, 59C, 59D, PARK STREET, WARD NO.-63
592	SEVENTH DAY ADVENTIST CHURCH	36A, PARK STREET, WARD NO.-63
593	NATIONAL COURT	13, DR. U. N. BRAHMACHARI STREET
594	HOTEL NEW KENILWORTH	1, 2 NANDALAL BOSE SARANI, WARD NO.-63
595	JUBILEE COURT	11/1A, 11/1B, 11/1C, 11/1D, 11/1E, 11/1F, 11/1G, 11/1H11/1J11/1K, HO-CHI-MINH SARANI, WARD NO.-63
596	MIDDLETON MANSION	9, 9/1, MIDDLETON STREET, WARD NO.-63
597	DUMRAON HOUSE	26A, ABANINDRANATH THAKUR SARANI, WARD NO.-63

Sl No	Description of the Heritage Building	Location
598	BIRKMYRE HOSTEL & CLUB	4, SIR WILLIAM JONES SARANI, WARD NO.-63
590	BISHOP'S FORMER RESIDENCE INCLUDING GATEWAY.	5A, ANANDILAL PODDAR SARANI, WARD NO.-63
591	INTELLIGENCE BRANCH, GOVT. OF WEST BENGAL C.I.D.	13, LORD SINHA ROAD, WARD NO.-63
592	SPECIAL BRANCH, KOLKATA POLICE, C.I.D.	14, LORD SINHA ROAD, WARD NO.-63
593	SURVEY OF INDIA	15, 13, 14, WOOD STREET, WARD NO.-63
594	PARK MANSION	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 20A, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, PARK MANSIONS , WARD NO.-63
595	KING EDWARD COURT	1, EDWARD COURT, WARD NO.-63
596	GALLWAY HOUSE, Y.W.C.A.	1, SIR WILLIAM JONES SARANI, WARD NO.-63
597	ACHARYA JAGADISH CHANDRA BOSE COLLEGE	1/1A, 1/1C, 1/1B, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO.-63
598	SATURDAY CLUB	7, DR. MARTIN LUTHER KING SARANI, WARD NO.-63
599	SREE NATH MANSION	6/2A, 6/2B, 6/3A, 6/3B, 6/4, 6/1, 6A, 6B, 6D, 6F, NELLIE SENGUPTA SARANI, WARD NO.-63
600	SURANA MANSION	7/1A, 7/1D, 7/1C, 7/1B, NELLIE SENGUPTA SARANI
601	METROPOLITAN LAB & NURSING HOME	18, SHAKESPEARE SARANI, WARD NO.-63
602	ROYAL COURT	5/1A, 5/2A, 5/3A, 5/4A, 5/5A, 5/6A, 5/7A, 5/8A, 5/9A, 5/10A, 5/11A, 5/12A, 5/13A, 5/14A, 5/15A, 5/16A, 5/17A, 5/18A, 5/19A, 5/20A, 5/21A, 5/22A, 5/23A, 5/24A, 5/25A, 5/26A, ANANDILAL PODDAR SARANI, WARD NO.-63
603	BENGAL CLUB	33B, CHOWRINGHEE ROAD, WARD NO.-63
604	PARK COURT	2, SYED AMIR ALI AVENUE, WARD NO. 064
605	SIDDIQ MANSION	86A, SHAKESPEARE SARANI, 86B, SHAKESPEARE SARANI, 33A, CIRCUS AVENUE, 33B, CIRCUS AVENUE, WARD NO. 064
606	SCOTTISH CEMETERY	3, USTAD ENAYET KHAN AVENUE, WARD NO. 064
607	FORMER PATENT OFFICE	1, MOULAVI MUZIBUR RAHAMAN SARANI, WARD NO. 064
608	FORMER PATENT OFFICE	1, MOULAVI MUZIBUR RAHAMAN SARANI, WARD NO. 064
609	HOUSE PRESENTLY OCCUPIED BY BANGLADESH HIGH COMMISSION	9, CIRCUS AVENUE, WARD NO. 064
610	MUSLIM BURIAL GROUND, KASIABAGAN	NEW KASIABAGAN LANE, WARD NO. 064

Sl No	Description of the Heritage Building	Location
611	NATIONAL CONGRESS PARK (PARK CIRCUS MAIDAN)	DARGA ROAD, WARD NO. 064
612	STATUE OF JAYAPRAKASH NARAYAN	PARK STREET, WARD NO. 064
613	BUILDING ASSOCIATED WITH ABDUL HALIM GHAZNAVI	197, PARK STREET
614	EAST TRAFFIC GUARD AND TOPSIA P.S.	106, PARK STREET, WARD NO. 064
615	ADJACENNT TO DAULAT DAULAT HOSSAIN MEMORIAL MEMORIAL INSTITUTE (FREE SCHOOL) AT 34, SHAMSUL HUDA ROAD	SHAMSUL HUDA ROAD, WARD NO. 065
616	DALHOUSIE INSTITUTE (CLUB)	42, FAZLUL HUQ SARANI, WARD NO. 065
617	PASSPORT OFFICE	2, BALLYGUNGE PARK, WARD NO. 065
618	BISHOP'S COLLEGE	224/1A, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 069
619	UNITED MISSIONARIES' TRAINING COLLEGE	1, PRAMATHEH BARUA SARANI, WARD NO. 069
620	BIRLA INDUSTRIAL AND TECHNOLOGICAL MUSEUM	19A, GURUSADAY ROAD, WARD NO. 069
621	BALLYGUNGE CRICKET CLUB	19/1, GURUSADAY ROAD, WARD NO. 069
622	THAPAR HOUSE	35/1, BALLYGUNGE CIRCULAR ROAD, WARD NO. 069
623	TRIPURA HOUSE	59, BALLYGUNGE CIRCULAR ROAD, WARD NO. 069
624	AIRMEN'S MESS (IAF)	61, BALLYGUNGE CIRCULAR ROAD, WARD NO. 069
625	ARCHITECTURAL STYLE - DESIGNED BY CHARLES CORREA.	24/1A, BALLYGUNGE CIRCULAR ROAD, WARD NO. 069
626	MADDOX SQUARE	PANKAJ MULLICK SARANI, WARD NO. 069
627	B.S.F. OFFICERS' INSTITUTE (FAROOQI MANZIL)	20/1, GURUSADAY ROAD, WARD NO. 069
628	MAULANA ABUL KALAM AZAD	5, ASRAF MISTRY LANE, WARD NO. 069
629	SAMBHU NATH PANDIT HOSPITA	11, LALA LAJPAT RAI SARANI, 4, SUBURBAN HOSPITAL ROAD, WARD NO. 070
630	NETAJI SUBHAS CHANDRA BOSE (NETAJI BHAVAN)	38/2, LALA LAJPAT RAI SARANI, WARD NO. 070
631	CATHEDRAL MISSION CHURCH	45, LALA LAJPAT RAI SARANI, WARD NO. 070
632	BRAHMO PRAYER HALL	71C, 71B, 71, PADDAPUKUR ROAD, WARD NO. 070
633	BRAHMO PRAYER HALL - SAMMILANI	1B, DR. RAJENDRA ROAD, WARD NO. 070
634	BHAWANIPUR CONGREGATIONAL CHURCH INDIAN	LALA LAJPAT RAI SARANI, WARD NO. 070
635	NIZAM PALACE WITH CAST IRON GATE	234/4, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 070
636	BUILDING ASSOCIATED WITH SARAT CHANDRA BOSE	1, BIBHABATI BOSE SARANI, WARD NO. 070
637	BUILDING ASSOCIATED WITH NALINIRANJAN SARKAR	237, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 070

Sl No	Description of the Heritage Building	Location
638	PAUL MANSION	6A, 6B, 6C, 6D, 6E, 6F, 6G, 6H, 6J, 6K, 6L, 6M, 6N, 6P, 6Q, 6R, 6S, 6T, 6U, 6V, 6W, BISHOP LEFROY ROAD, WARD NO. 070
639	CALCUTTA MANSION	4, BISHOP LEFROY ROAD, WARD NO. 070
640	R. ROY MANSION	10/4D, LALA LAJPAT RAI SARANI, WARD NO. 070
641	LADY ROGERS INDIA NURSES HOSTEL	16, LALA LAJPAT RAI SARAN, WARD NO. 070
642	BROJEN SEAL (ADVOCATE)	40, LALA LAJPAT RAI SARANI, WARD NO. 070
643	P. G. HOSPITAL NOW RENAMED AS S. S. K. M. HOSPITAL	244A, 244B, 245, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 071
644	CALCUTTA CLUB	241, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 071
645	BHAWANIPUR WAR CEMETERY	DEBENDRA LAL KHAN ROAD, WARD NO. 071
646	POLICE HOSPITAL BUILDING	77, SAMBHUNATH PANDIT STREET, WARD NO. 071
647	FORMER BRITISH MILITARY HOSPITAL & SADAR DIWANI & NIZAMAT ADALAT	246, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 071
648	TELEGRAPH STORES	248, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 071
649	PANCHARATNA TEMPLE	38, BENINANDAN STREET, WARD NO. 071
650	BUILDING ASSOCIATED WITH DR. NALINIRANJAN SENGUPTA	91B, CHOWRINGHEE ROAD, WARD NO. 071
651	KOLKATA POLICE TRAINING SCHOOL	247, ACHARYA JAGADISH CHANDRA BOSE ROAD, WARD NO. 071
652	SANTI KUTIR	1, SAMBHUNATH PANDIT STREET, WARD NO. 071
653	NAFAR KUNDU MEMORIAL	CHAKRABERE ROAD SOUTH, WARD NO. 072
654	ASHUTOSH MUKHERJEE NOW ASHUTOSH MEMORIAL INSTITUTE	77, ASHUTOSH MUKHERJEE ROAD, WARD NO. 072
655	ANCESTRAL HOUSE OF DESHBANDHU CHITTARANJAN DAS	37, SHYAMA PRASAD MUKHERJEE ROAD, WARD NO. 072
656	ABHOY GHAT OR LAL GHAT	15/2, SASI SEKHAR BOSE ROW, WARD NO. 073
657	MADHAB GHAT	15, SASI SEKHAR BOSE ROW, WARD NO. 073
658	MADANMOHAN PAL GHAT OR GOPAL GHAT	13A, 13B, SASI SEKHAR BOSE ROW, WARD NO. 073
659	BHANGA GHAT (UPENDRA NATH GHOSH'S GHAT)	MADAN PAL LANE, WARD NO. 073
660	BAIJNATH GHAT	2A, 2B, HARISH CHATTERJEE STREET, WARD NO. 073
661	GOLOK KOYAL GHAT	3, HARISH CHATTERJEE STREET, WARD NO. 073
662	TEMPLE COMPLEX WITH MUKHERJEE GHAT	16E, 16, 16A, 16D, 16/1, HARISH CHATTERJEE STREET, WARD NO. 073

Sl No	Description of the Heritage Building	Location
663	BALARAM BOSE GHAT WITH TEMPLE COMPLEX	17B, 17A, PREMENDRA MITRA SARANI, WARD NO. 073
664	HARISH PARK INCLUDING HARISH MEMORIAL	61, 61/1, HARISH MUKHERJEE ROAD, WARD NO. 073
665	ASUTOSH COLLEGE	92, SHYAMA PRASAD MUKHERJEE ROAD, WARD NO. 073
666	BIJOLI CINEMA HALL	38, SHYAMA PRASAD MUKHERJEE ROAD, WARD NO. 073
667	BHOWANIPUR P.S.	42, SHYAMA PRASAD MUKHERJEE ROAD, WARD NO. 073
668	ALIPORE BRIDGE	DEBENDRALAL KHAN ROAD, WARD NO. 073
669	HASTINGS HOUSE	20A, 20B, 20C, 20D, JUDGES COURT ROAD, WARD NO. 074
670	THE AGRI-HORTICULTURAL SOCIETY OF INDIA	1A, ALIPORE ROAD, WARD NO. 074
671	NATIONAL LIBRARY	1A, 1B, 1C, BELVEDERE ROAD, WARD NO. 074
672	ALIPORE OBSERVATORY	4, DUEL AVENUE, WARD NO. 074
673	ZOOLOGICAL GARDEN	2, 4, ALIPORE ROAD, WARD NO. 074
674	BUILDING ASSOCIATED WITH RASHBEHARI GHOSH	7B, JUDGES COURT ROAD, WARD NO. 074
675	ALIPORE CENTRAL JAIL	15, ` 17, JUDGES COURT ROAD, WARD NO. 074
676	PRESIDENCY JAIL	2, 2/1, 2/2, 3, THACKERAY ROAD, WARD NO. 074
677	A.D.M.'S RESIDENCE (SOUTH 24 PARGANAS)	THACKERAY ROAD, WARD NO. 074
678	ALIPORE JAIL SUPERINTENDENT'S QUARTER	2, 2/1, BIPLABI KANAILAL BHATTACHARJEE SARANI, WARD NO. 074
679	ALIPORE JUDGE'S COURT	18, JUDGES COURT ROAD, WARD NO. 074
680	RESIDENCE OF DIRECTOR GENERAL OF POLICE, GOVT. OF WEST BENGAL	32, 33, BELVEDERE ROAD, WARD NO. 074
681	ST. STEPHEN'S CHURCH	3A, DIAMOND HARBOUR ROAD, WARD NO. 074
682	AFTAB MASJID	11, 10B, GOPAL NAGAR ROAD, WARD NO. 074
683	DISTRICT MAGISTRATE'S RESIDENCE (SOUTH 24 PARGANAS)	1, THACKERAY ROAD, WARD NO. 074
684	ST. THOMAS' SCHOOL	4, 4/1, 4/2, DIAMOND HARBOUR ROAD, WARD NO. 074
685	HASTINGS CHAPEL	10, MUNSHI PREMCHAND SARANI, WARD NO. 075
686	RELIGIOUS / MOSQUE	5, MUNSHI PREMCHAND SARANI, WARD NO. 075
687	HASTINGS P.S.	5, MIDDLE ROAD, WARD NO. 075
688	PADDAPUKUR TANK	PADDAPUKUR SQUARE, WARD NO. 076
689	RANGALAL BANDYOPADHYAY	2A, 2B, RAM KAMAL STREET, WARD NO. 076

Sl No	Description of the Heritage Building	Location
690	HEMCHANDRA BANDYOPADHYAY	1/1A, 1, 1/2., 1/1C, PADDAPUKUR SQUARE, WARD NO. 076
691	RED MOSQUE	134F, 134C, 134D, 134B, 134/2, 134/1, 134E, KARL MARX SARANI, WARD NO. 076
692	KIDDIRPUR POST OFFICE	KARL MARX SARANI, WARD NO. 076
693	MICHAEL MADHUSUDAN DUTTA	20C, 20A, 20B, KARL MARX SARANI, WARD NO. 077
694	MUSLIM BURIAL GROUND, SOLO-ANA	70/1A, 70/1B, 70/1C, 70/1D, KAVI MOHAMMED IQBAL ROAD, WARD NO. 078
695	RAKTA KAMALESWAR & KRISHNA CHANDRESWAR SIVA TEMPLES AND THAKURBARI INCLUDING GATEWAY OF BHUKAILAS RAJBARI	49/1, 49/3, 49, KARL MARX SARANI, WARD NO. 079
696	EKBALPUR CEMETERY	3, HARABAS ROAD, WARD NO. 079
697	LIFT BRIDGE	KARL MARX SARANI, WARD NO. 079
698	SOUTH EASTERN RAILWAY HEADQUARTERS	10A, 10B, 11A, 11B, 11C, 13, 14, GARDEN REACH ROAD, WARD NO. 080
699	SOUTH EASTERN RAILWAY GM'S RESIDENCE	12, GARDEN REACH ROAD, WARD NO. 080
700	NAVARATNA TEMPLE & RASMANCHA	1A, MONDAL'S TEMPLE LANE, WARD NO. 081
701	TEMPLE OF MATHUR SHA	86A, TOLLYGUNGE ROAD, WARD NO. 081
702	TEMPLE COMPLEX OF BARA RASHBARI INCLUDING CHARCHALA RASAMANCHA	78, TOLLYGUNGE ROAD, WARD NO. 081
703	TEMPLE COMPLEX OF CHOTA RASHBARI INCLUDING GHAT & NAHABATKHANA	93, TOLLYGUNGE ROAD, WARD NO. 081
704	INDIA GOVERNMENT MINT	P-104, DIAMOND HARBOUR ROAD, WARD NO. 081
705	RAKHALDAS AUDDY GHAT	67A, 67B, 67C, 67D, 67E, CHETLA ROAD, WARD NO. 082
706	PRASANAMOYEE GHAT	69/3B, 69/3A, CHETLA ROAD, WARD NO. 082
707	PRESS & FORMS DEPARTMENT	36, JUDGES COURT ROAD, WARD NO. 082
708	MUNSHI BURIAL GROUND, SUNNI	2, PITAMBAR GHATAK LANE, WARD NO. 082
709	MOSQUE INCLUDING WATERBODY	16A, 20, 18A, PEARY MOHAN ROY ROAD, WARD NO. 082
710	BENGAL GOVERNMENT PRESS	38, GOPALNAGAR ROAD, WARD NO. 082
711	WEST BENGAL SURVEY BUILDING	35, GOPALNAGAR ROAD, WARD NO. 082
712	TWO PANCHARATNA TEMPLES, AGHORE DUTTA GHAT	162/1, 162, KALIGHAT ROAD, WARD NO. 083
713	KALIGHAT WITH TEMPLE	KALIGHAT ROAD, WARD NO. 083
714	BUILDING ASSOCIATED WITH JAGAT SUDHAR	JAGAT SUDHAR, WARD NO. 083
715	DAKSHINAKALI TEMPLE – KALIGHAT	4/1, ISWAR GANGULY LANE, WARD NO. 083
716	GREEK ORTHODOX CHURCH	2A, LIBRARY ROAD, WARD NO. 084

Sl No	Description of the Heritage Building	Location
717	MOSQUE AND MYSORE CEMETERY	51/1A, SATISH MUKHERJEE ROAD, WARD NO. 084
718	BUILDING ASSOCIATED WITH RAMESHCHANDRA MAJUMDAR	4, BEPIN PAL ROAD, WARD NO. 084
719	MAHANIRVAN MATH	113, RASH BEHARI AVENUE, WARD NO. 085
720	BUILDING ASSOCIATED WITH SARATCHANDRA CHATTOPADHYAY	24, ASWINI DUTTA ROAD, WARD NO. 085
721	BUILDING ASSOCIATED WITH PANKAJ KUMAR MULLICK	2/2, SEVAK BAIDYA STREET, WARD NO. 085
722	BUILDING ASSOCIATED WITH MEGHNAD SAHA	125, DR. MEGHNAD SAHA SARANI, WARD NO. 086
723	CALCUTTA UNIVERSITY ROWING CLUB	12, BAROJ ROAD, WARD NO. 087
724	RABINDRA SAROVAR INCLUDING HANGING BRIDGE	DR. MEGHNAD SAHA SARANI, WARD NO. 087
725	MYSORE GARDEN, KEORATALA GHAT, DESHBANDHU MEMORIAL AND OTHER MEMORIALS OF KEORATALA	TOLLYGUNGE ROAD, WARD NO. 088
726	RELIGIOUS / MOSQUE	166C, 166A, SHYAMA PRASAD MUKHERJEE ROAD, WARD NO. 088
727	GATEWAY OF TOLLYGUNGE GHARIGHAR	1, PRINCE RAHIMUDDIN LANE, WARD NO. 089
728	IMAMBARA	72, PRINCE RAHIMUDDIN LANE, WARD NO. 089
729	TECHNICIANS' STUDIO	36, PRINCE ANWAR SHAH ROAD, WARD NO. 089
730	CALCUTTA ROWING CLUB	15, BAROJ ROAD, WARD NO. 090
731	LAKE CLUB	13/1, BAROJ ROAD, WARD NO. 090
732	LAKE TEMPLE	62/1, KAVI BHARATI SARANI, WARD NO. 090
733	RAMAKRISHNA MISSION INSTITUTE OF CULTURE	P-431, HEMANTA MUKHOPADHYAY, WARD NO. 090
734	SACHIN DEV BARMAN	36/1, SOUTH END PARK, WARD NO. 090
735	AUROBINDA BHAVAN WITH TWO MULLICK ROAD WATERBODIES IN THE JADAVPUR UNIVERSITY CAMPUS AND THE OLD WOODEN BRIDGE OVER THE WATERBODY CLOSEST TO THE ROAD	188, RAJA SUBODH CHANDRA MULLICK ROAD, WARD NO. 092
736	RELIGIOUS / MOSQUE	PRINCE ANWAR SHAH ROAD, WARD NO. 093
737	ROMAN CATHOLIC CEMETERY	3 DR. RADHA GOBINDA NATH SARANI, WARD NO. 094
738	PRINCE GOLAM MOHAMMED MOSQUE AND BURIAL GROUND	307 PRINCE ANWAR SHAH ROAD, WARD NO. 094
739	ROYAL CALCUTTA GOLF CLUB	18 UDAY SHANKAR SARANI, WARD NO. 094
740	INDRAPURI STUDIO	4 NETAJI SUBHAS CHANDRA BOSE ROAD, WARD NO. 094
741	RADHA STUDIO	51 DR. RADHA GOBINDA NATH SARANI, WARD NO. 094

Sl No	Description of the Heritage Building	Location
742	TOLLYGUNGE CLUB	120 DESHPRAN SHASMAL ROAD, WARD NO. 097
743	TEMPLE COMPLEX OF GHOSH	MAHENDRA NATH SEN LANE FAMILY, WARD NO. 097
744	TEMPLE COMPLEX OF KUDGHAT	CHANDI GHOSH ROAD, WARD NO. 097
745	NEW THEATRES STUDIO	30 CHANDI GHOSH ROAD, WARD NO. 097
746	TECHNICIANS STUDIO	4 BABURAM GHOSH ROAD, WARD NO. 097
747	RATHTALA GHAT	NETAJI SUBHAS CHANDRA BOSE ROAD, WARD NO. 100
748	GARIA BURNING GHAT WITH TEMPLES	BORAL MAIN ROAD, WARD NO. 111
749	TEMPLE COMPLEX KARUNAMOYEE, PASCHIM PUTIARY	33 MAHATMA GANDHI ROAD, WARD NO. 115
750	TEMPLE COMPLEX OF ITALGHATA, KAMARGHAT TWELVE SIVA MANDIR	PRAN KRISHNA CHANDRA LANE, WARD NO. 116
751	THAKURBARI OF MATILAL SEA	DIAMOND HARBOUR ROAD, WARD NO. 119
752	STATE ARCHAEOLOGICAL MUSEUM	SATYEN ROY ROAD, WARD NO. 120
753	TYPICAL BENGAL ATCHALA SHIBMANDIR ESTABLISHED BY RAMCHAND ROYCHOWDHURY IN 1206 BENGALI YEAR.	NARAYAN ROY ROAD, WARD NO. 125
754	TEMPLE NAMED SANJHER ATCHALA, NOW WITH A CONCRETE ROOF AND OPEN SPACE IN FRONT WITH FREESTANDING COLUMNS. THE TEMPLE IS BUILT BY SABARNA CHOWDHURY FAMILY.	SABARNAPARA ROAD, WARD NO. 126
755	TWELVE TEMPLES WITH A DOLMANCHA IN THE PREMISES OF BARISHA GIRLS' HIGH SCHOOL HAVING A LARGE OPEN SPACE IN FRONT	SABARNAPARA ROAD, WARD NO. 126
756	TYPICAL BENGAL CHARCHALA TEMPLE	ARYA SAMITY ROAD, WARD NO. 131
757	TWO TYPICAL ATCHALA TEMPLES HAVING A LARGE WATER BODY IN FRONT	BONOMALI NASKAR ROAD, WARD NO. 132
758	TYPICAL THAKURDALAN WITH A COURTYARD AND OPEN SPACE IN FRONT	91A BONOMALI NASKAR ROAD, WARD NO. 132
759	MUSLIM BURIAL GROUND, GARDEN REACH NO.1	N-134 RAMESWARPUR ROAD, WARD NO. 133
760	MUSLIM BURIAL GROUND, GARDEN REACH NO.2	J-149 PAHARPUR ROAD, WARD NO. 133
761	MUSLIM BURIAL GROUND, GARDEN REACH NO. 3	J-124/1 RAMNAGAR LANE (WEST), WARD NO. 133
762	MUSLIM BURIAL GROUND, GARDEN REACH NO. 4, JADID SOLOANA (SUNNI)	RAMNAGAR LANE (WEST), WARD NO. 133
764	SIBTAINABAD IMAMBARA	P-34 GARDEN REACH ROAD, WARD NO. 135
765	SHAHI MOSQUE, IRONGATE, METAIBURZ	IRON GATE LANE, WARD NO. 135
766	PRINSEP GHAT	STRAND ROAD
767	GWALIOR MONUMENT	STRAND ROAD
768	WATER GATE-FORT WILLILAM	STRAND ROAD
769	LASKAR MEMORIAL	STRAND ROAD

