



ANNUAL ADMINISTRATIVE REPORT 2021-22



**DEPARTMENT OF DISASTER MANAGEMENT & CIVIL DEFENCE
AND
WEST BENGAL STATE DISASTER MANAGEMENT AUTHORITY
(WBSDMA)**

Government of West Bengal

'Nabanna' 2nd Floor, 325 Sarat Chatterjee Road,
Shibpur, Mandirtala, Howrah - 711102



ANNUAL ADMINISTRATIVE REPORT

2021-22

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PREFACE

It gives me great pleasure to present the Annual Administrative Report of the Department of Disaster Management & Civil Defence & West Bengal State Disaster Management Authority (WBSDMA), Government of West Bengal, for the year 2021-22 and also to inform you through this report that the Department of Disaster Management & Civil Defence has attained remarkable and distinct height of achievement in the FY 2021-22 under the useful guidance and mounting inspiration of our Visionary Hon'ble Chief Minister Smt. Mamata Banerjee through this Administrative Report.

The Department of Disaster Management & Civil Defence has been witnessing different layers of transformation since Independence. Originally, the Department of Food, Relief and Supplies was the parent department comprising three Departments, e.g. Food, Social Welfare and Relief. The State Government intensely felt the importance of forming a separate Department of Relief and Social Welfare in the eighties. The Department of Relief and Social Welfare emerged in the year of 1983 and this two Departments walked together upto 1992 and then a full fledged Department of Relief was separated and formed. With a view to enhancing importance towards the relief activities of the State Government. During all these time frames, the Department made itself able to fulfil the needs of the people during emergency of Disaster by arranging relief operations like rescue, relief and rehabilitation for calamity hit people of the State. Some social welfare activities had also been conducted by the Department during those hard times as well.

The Annual Administrative Report F-Y 2021-22 is a summary of various commendable activities, performance and initiatives taken by this Department for implementing Disaster Risk Reduction (DRR),

Crisis management Programme for building of capacity among the people and stake holders. It has been observed thoroughly that whenever the State of West Bengal had faced Disaster and Disaster like situation, all the officers, staff and personnel of this Department responded very promptly with whole hearted dedication and best efforts, keeping co-ordination with concerned line Departments and 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.

TRAINING, MOCK DRILL & PRE-PAREDNESS.

The Department of Disaster Management & Civil Defence has taken all steps and measures to build up and improve skill, capacity and preparedness of field level staff, volunteers and community people through organizing different courses of modern and advance training, different types of mock drill. In 2021 Mock Drill & Table Top Exercise on Chemical & Industrial Disaster in Nine (09) Blocks in Eight (8) Districts. NDRF has also conducted FAMEX in four (4) different Districts of West Bengal i.e., South 24 Paraganas, Malda, Purba Medinipur, and Hooghly.

Seventeen (17) nos. of advance level training at ATI & RTCs of Districts & Four Hundred and Forty Six (446) Government officials were trained on different aspects of Disaster Risk Reduction.

Three Hundred and Thirty One (331) volunteers were given Foundation Training for Rescue & Crisis Management. One Hundred and Forty One (141) volunteers were given training at Central Civil Defence Training Institute (CCDTI), Kolkata, West Bengal.

STRENGTHENING OF RELIEF AND RESCUE ARRANGEMENT:-

Civil Defence Relief and Rescue set up has been strengthened through better arrangement.

Modernized Search & Rescue equipment, CDVR (Civil Defence Rescue Vehicle), Boat & OBM, Life Jackets, BA Set (Self Contained Breathing Apparatus), Civil Defence Ambulance, Formation of Quick Response Team (QRT), Formation of Deep DIVERS Pool District Wise, Nulia team at costal area, with update training. Construction of QRT Barrack has been made in South 24 Parganas, Purulia and Bankura. In Purba Medinipur and Paschim Medinipur, construction is under process. 350 numbers of Portable Inflatable Lighting System has successfully through GeM and distributed amongst three coastal districts namely Purba Medinipur, South 24 Parganas and North 24 Parganas. Another 50 numbers of Portable Inflatable Lighting System have already been procured for Civil Defence Organization of all districts including Kolkata and Central Civil Defence Training Institute, West Bengal. Local Country Boats are also hired and deployed on emergency occasion of Disaster and Natural Calamity. Search and Rescue Operation have been successfully organized in all affected districts in 2021-22. 216 no of MPCS have already been completed and handed over; remaining work out of 221 has been under different stage of construction and will be completed as early as possible.

Formation of Management Committee for maintenance and supervision of all completed MPCS is under process. Disaster management Kit (DM Kit) a unique concept of Hon'ble CM and a very effective and useful kit of relief materials has been arranged with necessary items of utensil kit and clothing kit for the Disaster affected people. Modern Technology in Communication System.

Modern technology has been introduced and implemented in communication system in our State for proper forecasting of natural calamity and disaster

situation with its advanced information.

24x7 hours Round the clock State Emergency Operation Centre (SEOC) with Toll Free number 1070 has been operational at Nabanna.

The State EOC has been upgraded with the State-of-the-Art EOC with large Video wall having real time feed of early warning system, e-podium, video conferencing facility, VSAT facility and 31 no of Satellite Phone, with a back end support office manned with Disaster Management Officer, Specialist and CD Volunteers. A round the clock Control Room under Civil Defence set up is functioning at Civil Defence Head Quarter, Phears Lane with number 033-2237-4033, 033-2236-3594 Services of Satellite phones, V-SAT, HAM Radio have been arranged to ensure communication with the remotest corners of the State, in case all other conventional modes of communication failure during a disaster.

MAJOR RELIEF & RESCUE WORK FOR INCIDENCES DURING 2021-22.

In the year 2021-22 the State witnessed Very Severe Cyclone 'Yaas', Total 18 district and about 2 crore persons were affected. Again flood occurred two times in the State during July-August 2021 & September - October 2021. Details information regarding relief & rescue work are mentioned in this report.

GANGA SAGAR MELA CROWD MANAGEMENT.

It was conducted successfully with the officers & Staff of Disaster Management & Civil Defence Department, Civil Defence Volunteers, West Bengal Civil Emergency Force and Water Wing Civil Defence. WBNVF Personnel are also deployed for this purpose. The Department has taken very well initiative and effective surveillance in crowd management at Ganga Sagar Mela through utilizing UAV (Drone Camera) & CCTV Camera under supervision of one Crowd

Management Specialist for better management of huge crowd at Ganga Sagar Mela.

Pre-Positioning of NDRF Teams in Strategic Places: NDRF teams are being prepositioned at several vulnerable strategic locations 1) Ghatal 2) Kakdwip, 3) Arambagh for reducing response time to reach the Disaster affected areas.

STRENGTHENING OF SDMA & DDMA:-

The Department has undertaken programme named Strengthening of SDMA & DDMA to provide technical support to the Department & SDMA at State and District level by posting of Officers & Professional.

USE OF SOCIAL MEDIA (WHATSAPP):-

Department is using WhatsApp to share information of weather forecast and report, incidences of disaster and natural calamity for better coordination among the different stake holders and taking necessary relief measures accordingly.

AWARENESS GENERATION:-

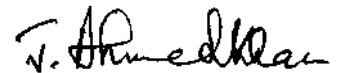
Electronic media and print media have been used for Generation of Awareness among the masses. State owned Doordarshan and other Private TV channels have also been used for mass awareness

for combating with Disaster. Public gatherings and State declared Melas like Ganga Sagar Mela, Subhas Mela, Milan Mela, Vivek Mela, Mati Utsav, Shramik Mela, Sundarban Mela, Kreta Suraksha Mela and other have become an excellent medium of Awareness Generation. Booklets, leaflets, pamphlets have been distributed among the people and the students to become them resilient to Disaster.

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

I also appreciate the efforts of all Sr. Executives, Officers, Staffs and Volunteers who gave their best efforts to achieve such tremendous tasks throughout the year, especially for their tireless efforts in combating two major floods in 2021-22 & one very severe cyclone 'Yaas'.

I am hopeful that the Annual Administrative Report will be immensely helpful as a brief valuable source of our activities and performance with our management of plan and 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

FOREWORD

The Department of Disaster Management & Civil Defence and West Bengal State Disaster Management Authority (WBSDMA), Government of West Bengal has been sincerely serving people in West Bengal.

The Annual Administrative Report 2021-2022 is a summary of activities performed and initiatives taken by the State Government and WBSDMA. The Department of Disaster Management & Civil Defence & West Bengal State Disaster Management Authority (WBSDMA) has been taking forward activities of the State Government and also envisaged service provisioning by other line departments and support agencies in a coordinated manner. It has been observed that whenever the state of West Bengal faced a challenging situation like natural calamity and manmade disaster, all the officers, staff and personnel of this department responded effectively.

The Government has adopted a holistic approach that includes community awareness and involvement of all stake holders to enhance disaster preparedness at all levels of administrative set-up.

As a part of disaster mitigation measures the state undertook various activities like-construction of Flood Shelter and Cyclone Shelters, underground cabling, organizing mock drills & training for officers community, volunteers, nulis, deep divers; enhancing early warning dissemination system, updating & exercising Disaster Management Plans, equipping with speed boats, QRT and developing infrastructure like DEOCs etc. The SDMA has involved officers and professionals to strengthen State Disaster Management Authority

and District Disaster Management Authorities in a phased manner.

Like previous years the Department of Disaster Management & Civil Defence has successfully evacuated and conducted search and rescue operations during major disaster caused by Very Severe Cyclone YAAS, and Floods in the year 2021-22. Integrated Control Rooms were set up for better coordination among key responders.

The department conducted different types of Mock drill in various District of West Bengal. It was a tough year for organizing mega mock drills due to COVID-19 restriction. This Annual report has captured almost all aspects of the activities of the department and SDMA.

I take this opportunity to express my gratitude to Chairperson of SDMA and all other Honourable members of SDMA for their continuous guidance and support. I also appreciate efforts of all Officers, staffs and volunteers who greatly contributed to achieve such remarkable tasks throughout the year.

I am hopeful that this Annual Report will be immensely helpful for referring events and data for better planning to minimize suffering of the calamity-stricken people.



Dushyant Nariala, IAS
Principal Secretary
to the Government of West Bengal

ADMINISTRATIVE SET UP & FUNCTION

As per Order No. 1505-F.B Dated, Howrah, 6th February, 2017 of Finance Department, Budget Branch, Nabanna, Howrah Disaster Management Department and Civil Defence Department merged and renamed as Disaster Management & Civil Defence Department, Government of West Bengal.

- Organizational Structure of State Disaster Management Authority, State Executive Committee, Government of West Bengal

A. State Disaster Management Authority

In exercise of the powers conferred by sub-section (2) of section 14 of the Disaster Management Act 2005 (53 of 2005), on 29th November 2011, Hon'ble Chief Minister of the State, ex-officio Chairperson of the State Disaster Management Authority, West Bengal, has nominated the following persons to be the members of the said state authority, namely –

- A. The Minister-in-Charge, Department of Disaster Management, Government of West Bengal, who shall be the Vice Chairperson.
- B. The Minister-in-Charge, Finance Department, Government of West Bengal.
- C. The Minister-in-Charge, Department of Health & Family Welfare Finance Department, Government of West Bengal.
- D. The Minister-in-Charge, Department of Irrigation & Waterways, Government of West Bengal.
- E. The Minister-in-Charge, Public Works Department, Government of West Bengal.
- F. The Minister-in-Charge, Department of Agriculture, Government of West Bengal.

- G. The Minister-in-Charge, Food & Supplies Department, Government of West Bengal.
- H. The Minister-in-Charge, Department of Power, Government of West Bengal.
- I. The Chief Secretary to the Government of West Bengal, who shall be the Chief Executive Officer, Ex-Officio.

B. State Executive Committee

In exercise of the powers conferred by sub-section (1) of section 20 of the Disaster Management Act 2005 (53 of 2005), the State Executive Committee was formed to carry out various functions assigned to it under the said Act, consisting of the following members as specified in the sub-section (1) of section 20 of the said Act, namely:-

A.	The Chief Secretary to the Government of West Bengal	Ex-officio Chairperson
B.	The Secretary, Home Department	Member
C.	The Secretary, Finance Department	Member
D.	The Secretary, Irrigation & Waterways	Member
E.	The Secretary, Department of Disaster Management	Member Convenor

Function :

- 1) **Emergency Relief Cell:** Allotment of Relief Assistance to the districts, Ex-gratia Grant, Allotment of NGR, Leprosy GR, Starvation GR to the districts; Allotment of Transport Charges and Remuneration for GR Dealers to the District Magistrates, etc.
- 2) **Budget Cell:** Preparation of the Budget, Budget Speech, Finalization of the Plan Budget on

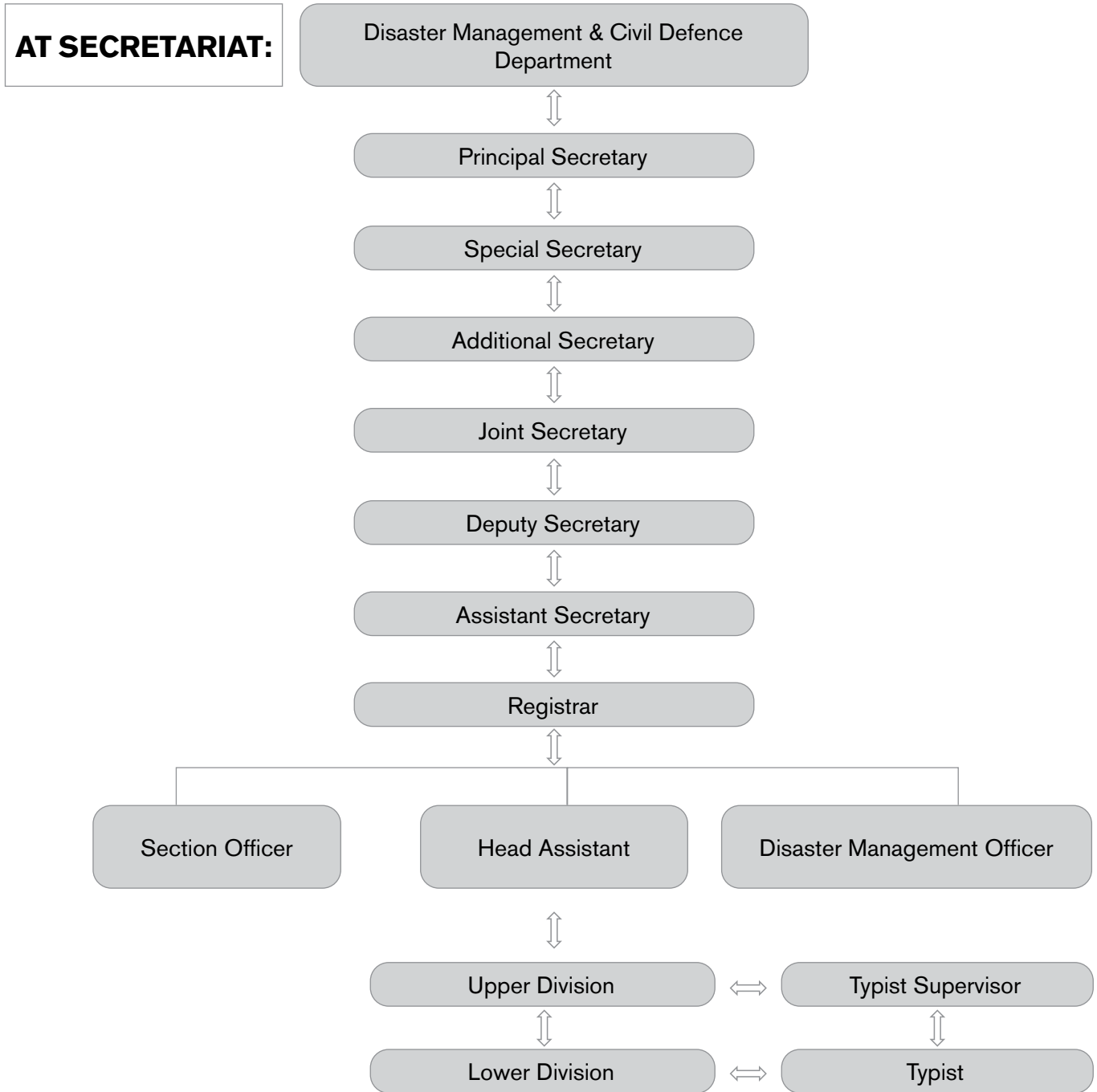
discussion with the Dept. of Development & Planning, Administration of Calamity Relief Fund (CRF)/State Disaster Response Fund (SDRF). Re-appropriation of fund; etc. Sending monthly Quantitative Output Report and Financial Progress Report on this Programme to the Ministry of Home Affairs, Preparation of Memorandum for sending to the Ministry of Home Affairs, Govt. of India for accessing the National Calamity Contingency Fund.

- 3) **Establishment Cell:** Service matters of the Secretariat employees, Vigilance matters, Enforcement of Attendance, Departmental Proceedings, amendment of Rules of Business, Awareness on Disaster Management etc.
- 4) **Audit Cell:** Settlement of outstanding audit paras, Assembly and Parliament/ Rajya Sabha Question.
- 5) **Directorate & District Cell:** Posting of District Disaster Management Officer, Preparation/ Revision of Recruitment Rules for the Disaster Management cadre officers, Service matters of the Disaster Management cadre officers, Hiring of Godowns, Procurement of Relief and MLA Quota clothing, Procurement of Tarpaulin, Monitoring the receipt of proposals along with previous year's

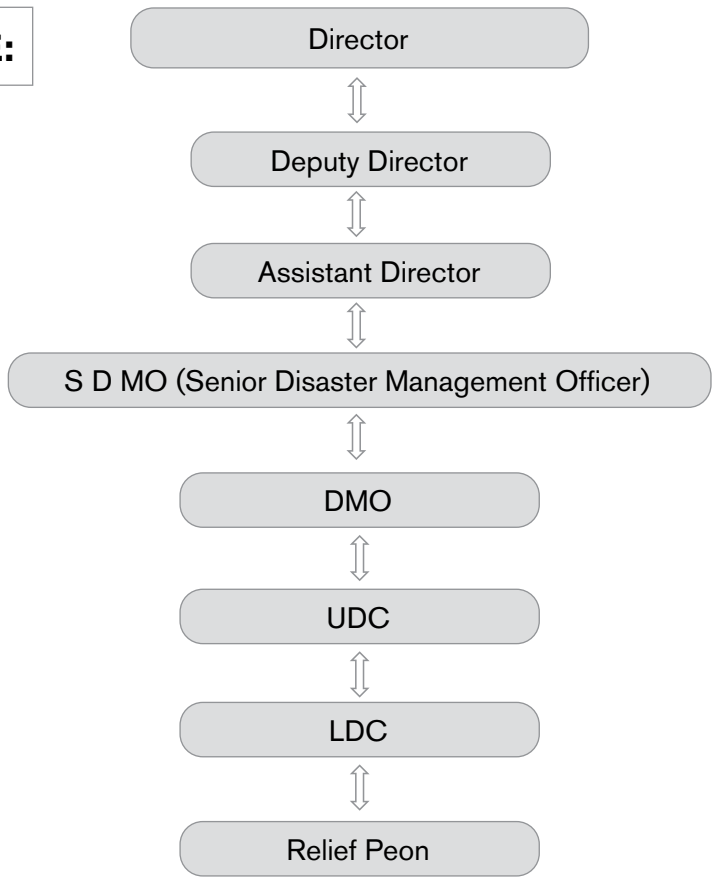
Utilization certificate from the District Magistrates, Allotment of ER Grant to the districts etc.

- 6) **Disaster Management Cell:** Operation of the State Emergency Operation Centre, Implementation of National Programme for Capacity Building of Engineers in Earthquake Risk Management, National Cyclone Risk Management Project, monitoring Construction of Multipurpose Cyclone Shelters with fund from the Prime Minister's National Relief Fund, Maintaining liaison with various State Governments, the Govt. of India and National Disaster Management Authority (NDMA) for implementation of the Disaster Management Act, 2005, Introduction of State Disaster Management Authority, Construction of MPCS under NCRMP-II and ICZMP. Contractual officer at State level and Disaster Professionals in districts are engaged under Strengthening SDMA & DDMA for Capacity Building, Training, Mock Drills, GIS integration, mainstreaming and documentation.
- 7) **Accounts Cell:** Preparation of Establishment Bills, submission to Pay & Accounts Office for drawing of cheques, encashment of cheques from the Reserve Bank of India, payment to the employees of the department, issue of Salary Accounts Slip, etc.

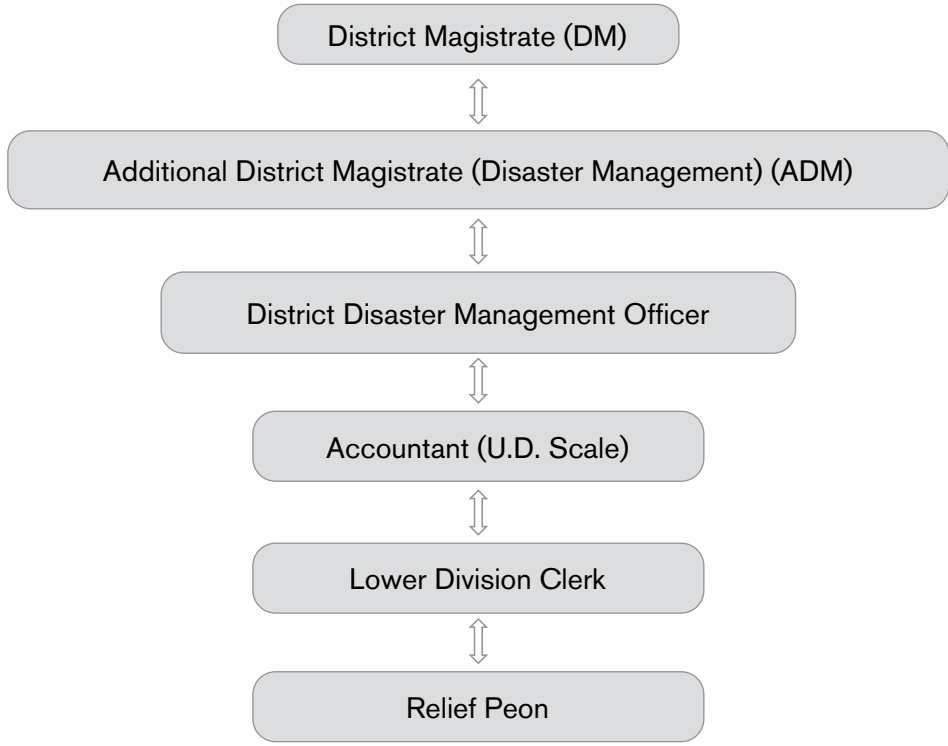
THE HIERARCHY OF THE STAFF OF DISASTER MANAGEMENT & CIVIL DEFENCE:



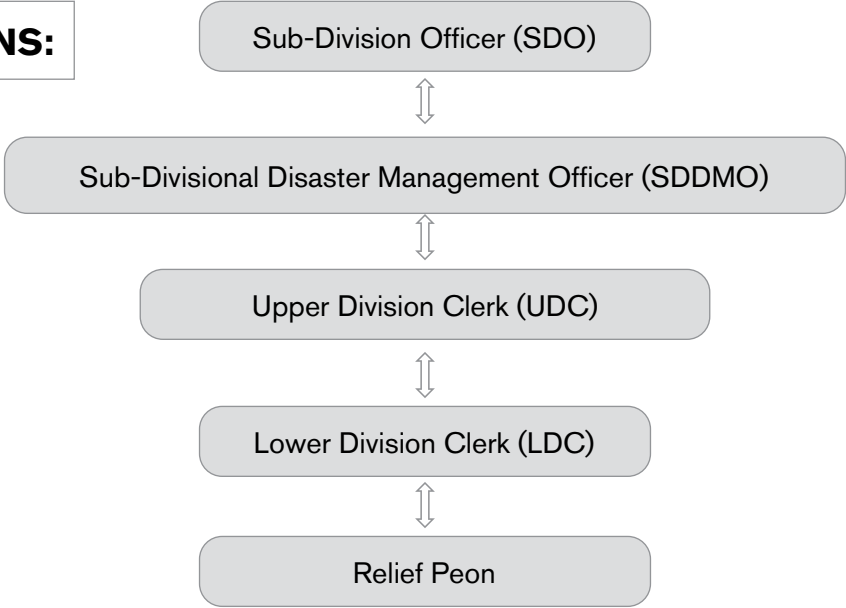
AT DIRECTORATE:



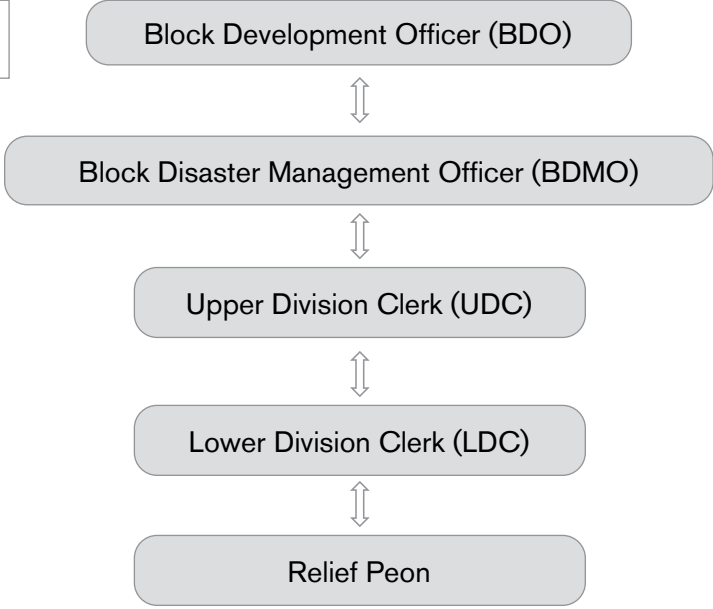
DISTRICTS HEAD QUARTERS:

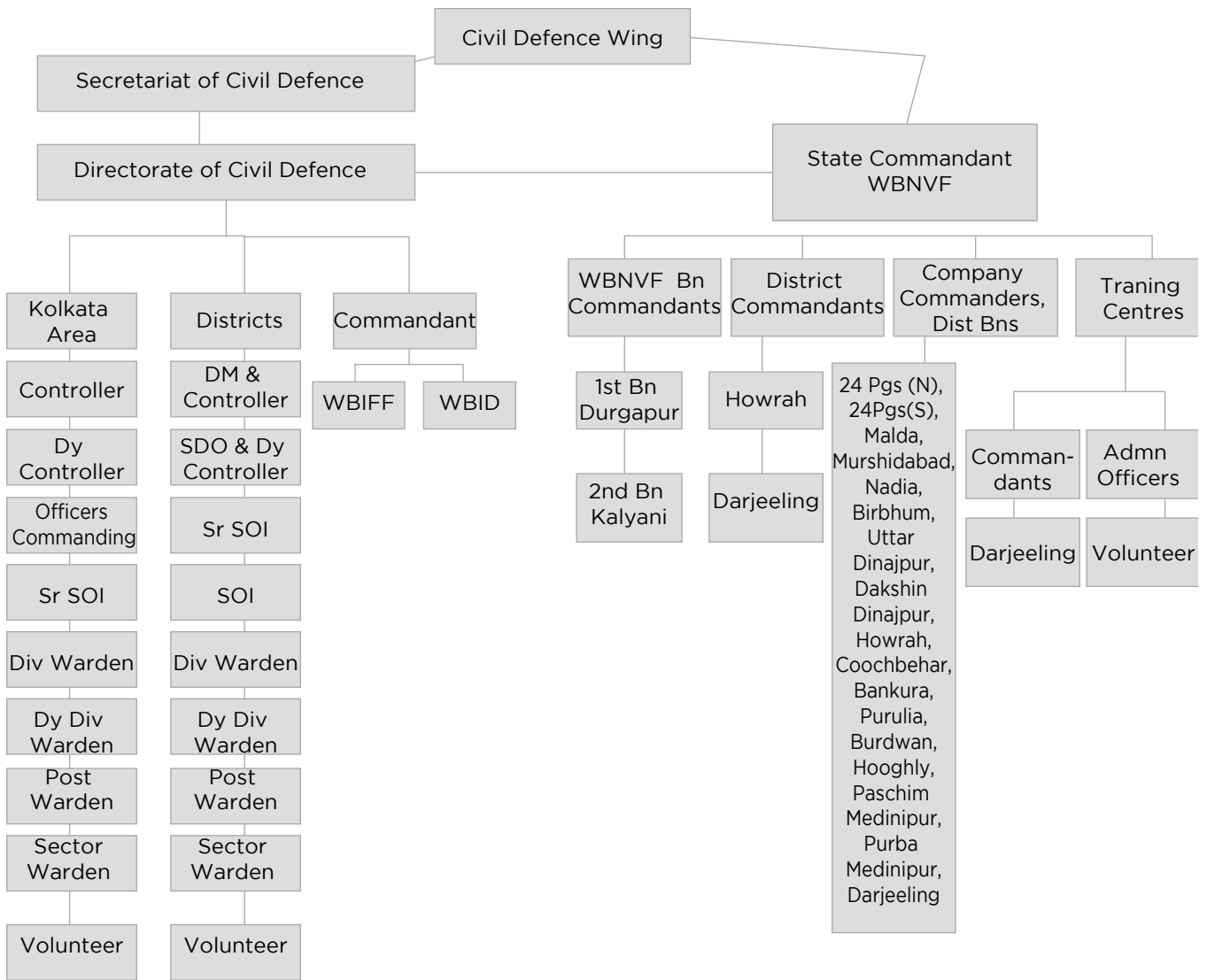


SUB-DIVISIONS:



BLOCK OFFICE:





RELIEF ACTIVITIES, 2021-22

2.1. Normal Gratuitous Relief

As a part of regular activities of the Department of Disaster Management & Civil Defence, the first and foremost one is to provide Normal Gratuitous Relief (NGR) to selected portion of the population @ 0.25% of the population, belonging to the following group:

1. Mentally challenged.
2. Physically challenged.
3. Visually impaired.
4. All persons, who from age or physical infirmity are incapable of earning their livelihood.
5. All persons, whose attendance on the sick or infant children in their own house is absolutely necessary.
6. Pregnant Women who are in threat of starvation, but are debarred by national custom from appearing in public.
7. Such other persons who cannot work and cannot

be provide with work.

Women, entitled for NGR, mentioned at serial no. 6 above, shall not be compelled to disclose their names.

2.1.1. Type of assistance

There are two types of assistances, cash and kind. Whereas assistance in kind, i.e. wheat is provided to be fixed beneficiaries on monthly basis, assistance in cash is provided as and when required on getting application from the beneficiaries at the office of Block Development officer.

2.1.2. Scale of assistance

Wheat is provided to the adult beneficiary @ 12 kilo gram per head per month and to minor beneficiary @ 6 kilo gram per head per month. Cash is provided @ Rs. 120/- per head once a month and Rs. 60/- to a minor beneficiary per month.

2.1.3. Number of beneficiaries

Revision of the number of beneficiaries was made during 2021-22 for Normal Gratuitous Relief Wheat, as mentioned below:

SL. NO.	NAME OF THE DISTRICTS	NO. OF BENEFICIARIES	QUANTITY OF WHEAT IN MT
1	Alipurduar	3343	481.392
2	Bankura	7981	1149.264
3	Birbhum	7538	1085.472
4	Purba Burdwan	10855	1563.12
5	Paschim Burdwan	6383	919.152
6	Cooch Behar	6197	892.368
7	Dakshin Dinajpur	3757	541.008
8	Darjeeling	3049	468.576
9	Kalimpong	973	110.592
10	Hooghly	9278	1336.032
11	Howrah	10682	1538.208
12	Jalpaiguri	5159	742.896

SL. NO.	NAME OF THE DISTRICTS	NO. OF BENEFICIARIES	QUANTITY OF WHEAT IN MT
13	Malda	8226	1184.544
14	Murshidabad	14666	2111.904
15	Nadia	11512	1657.728
16	North 24 Parganas	13918	2004.192
17	Paschim Medinipur	10463	1506.672
18	Jhargram	2520	362.88
19	Purba Medinipur	11043	1590.192
20	Purulia	6341	913.104
21	South 24 Parganas	17281	2488.464
22	Uttar dinajpur	6104	878.976
Total :		177269	25526.736

Note: In case of Kolkata, Cash benefit amounting to Rs. 1.79 Crore was provided instead of wheat to 12432 Beneficiaries.

2.2. Leprosy Gratuitous Relief

Under social welfare obligation of the State Government, this Department provides assistance to the ex-leprosy patients, who traditionally reside in colonies meant for them.

2.2.1 Type of assistance

Fine rice is provided through the concerned Block Development Officers to the fixed beneficiaries.

2.2.2 Scale of assistance

Rice is provided to the adult beneficiary @ 12 kilo gram per head per month.

2.2.3 Number of beneficiaries & assistance as Leprosy Gratuitous Relief made during 2021-2022.

SL. NO.	NAME OF THE DISTRICTS	NO. OF BENEFICIARIES (PER MONTH)	QUANTITY OF RICE IN MT
1	Bankura	404	58.176
2	Purba Burdwan	176	25.344
3	Paschim Burdwan	1250	180
4	Hooghly	463	66.672
5	Paschim Medinipur	1138	163.872
6	Jhargram	1362	196.128
7	Purulia	1004	144.576
Total		5797	834.768

2.3. Gratuitous Relief in Cash

As welfare gesture, the State Government provides as and when requested Gratuitous Relief in Cash to the needy people. A total amount of Rs. 85, 29,310.00 was allotted as Gratuitous Relief in

Cash.

2.3.1 Scale of assistance

Cash is provided @ Rs. 120/- per head once a month and Rs. 60/- to a minor beneficiary per month.

2.3.2 Financial assistance provided

The amount of assistance district wise is mentioned below:

DISTRICT	CASH GR (RS)
DARJEELING	1,18,447.00
JALPAIGURI	7,28,318.00
ALIPURDUAR	3,78,965.00
KALIMPONG	4,49,353.00
COOCH BEHAR	4,77,671.00
MALDA	3,67,800.00
UTTAR DINAJPUR	1,28,318.00
DAKSHIN DINAJPUR	1,08,577.00
MURSHIDABAD	3,35,600.00
NADIA	2,86,247.00
N. 24 PGS.	4,83,659.00
S. 24 PGS.	3,55,341.00
HOWRAH	3,67,800.00
HOOGHLY	4,96,118.00
PURBA MEDINIPUR	12,96,118.00
PASCHIM MEDINIPUR	6,76,377.00
JHARGRAM	88,835.00
PURULIA	2,27,028.00
BANKURA	2,46,765.00
BIRBHUM	5,46,765.00
PURBA BURDWAN	2,86,247.00
PASCHIM BURDWAN	78,961.00
TOTAL	85,29,310.00

2.4 Assistance to Behala Rape-seed Oil Victims

Adulterated Rape-seed Oil was consumed by residents of some part of Behala in 1988. A team of Medical Experts treated them and detected that some of the residents fell prey to neurological ailment. They grouped the patients according to conditions as (i) very severe, (ii) severe, (iii) moderate and (iv) mild. The State Government decided to provide special relief to them for future years until death. (Vide G.O. No.1741-FR Dt. 19.05.1989).

2.4.1.Type of assistance

It was decided that assistance would be

provided in both kind and cash. Fine rice and some amount of cash were provided.

2.4.2. Scale of assistance

Rs. 300/- was decided to be provided per month to all patients categorized as very severe, Rs. 200/- to those termed as severe, Rs. 100/- to those termed as moderate and Rs. 50/- to those termed as mild. Cash in lieu of kind @ 60/- per head per month to all victims.

2.4.3. Number of beneficiaries

The members of the Medical Team categorized the victims as per the following break up:

a) Very Severe	:	21
b) Severe	:	57
c) Moderate	:	59
d) Mild	:	98
Total	:	235

Rs. **5,11,200** (Rs.3, 42,000/- + 1, 69,200/-) was provided to the victims.

2.4.4 Transportation Charge and Remuneration Charge

Gratuitous Relief (GR) in kind for distribution during normal time and emergency period has always been supplied by supplying agents to the Storing Agents, appointed by the District Magistrates in the districts, from where GR Dealers take delivery and store in their godowns in respective Blocks for ultimate supply to beneficiaries according to the order of Block Development Officers in rural areas or of the Chairperson in municipal areas. Storing Agents are paid remuneration for storing GR goods. GR Dealers are paid both Transportation Charges and Remuneration Charges for transporting GR goods and storing those for a certain period.

2.5. Assistance to the needy persons through Hon'ble Members of Legislative Assembly.

On the eve of Durga-Puja and Eid festivals, the Disaster Management Department arranges for distribution of garments through the Hon'ble Members

of Legislative Assembly. Such distributions during 2021-22 are as follows:

SL. NO.	ITEM	QUANTITY (NO. OF PIECES)	AMOUNT (RS. IN CRORE)
1	Dhuti	176900	3.1762395
2	Saree	265400	10.728795
3	Lungi	88400	1.410864
4	Childrens' Garments (Boys)	66355	2.0901825
5	Childrens' Garments (Girls)	66355	1.9787061
6	Kurti Leggings	73850	3.96056073
7	Bed Sheet	178100	3.515694
8	Woolen Blanket	177200	6.23301
9	Pajama & Punjabi	66355	2.7590409
10	LDPE Tarpaulin	138700	10.0163592
Total :			45.86945193

Further, for 3MLAs from Hill area of Darjeeling & Kalimpong, total Rs. 30.00 lakh has been allotted for procurement of different relief items in connection with Durga Puja and Idd festival, 2021.

2.6. Economic Rehabilitation Grant(ER Grant). A notable welfare scheme of the State Government is to arrange for economical rehabilitation support of the poorest of the poor persons by providing (i) Sewing machine and (ii) Fund amounting to maximum Rs. 10,000/- for starting Small Trade.

The Disaster Management Department helps the

weaker sections of the society in their economic rehabilitation by sanctioning @ Rs.10000/- for purchase of sewing machine and @ Rs.5000/- to Rs. 15,000/- for setting up small trade by releasing Economic Rehabilitation (E.R.) Grant. In the financial year 2021- 22, a sum of Rs. 2,69,47,000/- has been sanctioned in favour of District Magistrates for distribution amongst the beneficiaries as E.R. Grant. Beside this, a total sum of Rs.46, 20,000/- has been sanctioned as Economic Rehabilitation Grant to Ex-T.B. patients. und amounting to maximum Rs. 10,000/- for starting Small Trade.

Amount released under E.R. Grant & Ex-T.B. Patients for the year, 2021-2022.

SL. NO.	NAME OF DISTRICT	2235-02-104-00-005-31-02-V (ER GRANT) (B.P. – RS.32,00,000/-)	TOTAL	NO. & DATE	2235-02-104-00-005-50-00-V (EX-T.B.) (B.P. – RS.17,87,000/-)
1.	Malda	Rs.38,25,000/-	Rs.38,25,000/-		
2.	Jalpaiguri	Rs.1,00,000/-	Rs.15,75,000/-	1221-DM/FR dt. 29.03.22	Rs.21,60,000/-
		Rs.14,75,000/-			

SL. NO.	NAME OF DISTRICT	2235-02-104-00-005-31-02-V (ER GRANT) (B.P. – RS.32,00,000/-)	TOTAL	NO. & DATE	2235-02-104-00-005-50-00-V (EX-T.B.) (B.P. – RS.17,87,000/-)
3.	Dakshin Dinajpur	Rs.45,00,000/- (withdraw)	Rs.8,10,000/-		
		Rs.8,10,000/-			
4.	Uttar Dinajpur	Rs.16,00,000/-	Rs.32,17,000/-		
		Rs.4,10,000/-			
		Rs.12,07,000/-			
5.	Purba Bardhaman	Rs.6,70,000/-	Rs.12,69,000/-	573-DM/FR dt. 15.09.21	Rs.4,50,000/-
		Rs.5,99,000/-			
6.	Purba Medinipur	14,60,000/-	Rs.14,60,000/-	1221-DM/FR dt. 29.03.22	Rs.75,000/-
7.	Paschim Medinipur	5,00,000/-	Rs.5,00,000/-	1221-DM/FR dt. 29.03.22	Rs.15,00,000/-
12.	Howrah	Rs.2,85,000/-	Rs.2,85,000/-	1221-DM/FR dt. 29.03.22	Rs.60,000/-
13.	Nadia	Rs.20,85,000/- (Rs.8,64,000/- withdrawn)	Rs.12,21,000/-		
14.	South 24-Parganas	Rs.6,00,000/-	Rs.13,70,000/-		
		Rs.7,70,000/-			
15.	North 24-Parganas	Rs.50,00,000/-	Rs.50,00,000/-		
16.	Darjeeling	Rs.3,80,000/-	Rs.3,80,000/-		
17.	Alipurduar	Rs.4,30,000/-	Rs.26,65,000/-	1221-DM/FR dt. 29.03.22	Rs.3,75,000/-
		Rs.22,35,000/-			
18.	Birbhum	Rs.1,80,000/-	Rs.1,80,000/-		
19.	Purulia				
20.	Jhargram				
21.	Kalimpong	Rs.4,00,000/-	Rs.20,00,000/-		
		Rs.16,00,000/-			
22.	Paschim Bardhaman				
23.	Dte. Of Disaster Management	Rs.11,90,000/-	Rs.11,90,000/-		
		Total	Rs.2,69,47,000/-	Total	Rs.46,20,000/-

Natural Calamities During 2021-22

3.1. Actively combating natural calamities in the State is the main responsibility of the Department of Disaster Management & Civil Defence. Due to the geophysical diversity, West Bengal is affected by different types of natural calamities like flood, flash-flood, drought, hailstorm, landslide, cyclone, earthquake, fire etc. causing substantial damages including man-made/natural calamities. This Department, with its expertise, undertakes prevention activities and steps to mitigate and coordinate timely rescue and relief operation to minimize the loss of lives and property. Above all, this Department, as the principal coordinating agency for Disaster Management in the State, takes active part in post-disaster reconstruction and rehabilitation work with other Departments concerned. The Department also assists the common people by issuing timely warnings to minimize the loss caused by various natural disasters like floods, cyclones which can be forecast thereby enabling the affected population to minimize their loss.

3.2. In the year 2021-22 the state witnessed Very Severe Cyclone '**Yaas**',

The Very Severe Cyclone made landfall on 26th May around 10 A.M near Dhamra port in Odisha and generated a storm surge in West Bengal flooding lakhs of houses, shops and markets in coastal, low-lying and riverine areas of Sunderbans. The storm waters raised river levels threateningly as rivers Haldi, Rup Narayan and Hooghly. Matla, Bidyadahri, Ichhamati, Raimangal, Ram Ganga, Hatania, Duania and other Sunderban rivers/ tributaries have cause unprecedented damage in the Sunderbans.

The state is still on high alert and has been sheltering evacuated people in camps as there are flood alerts provided by Central Water Commission for rivers Ajoy, Damodar, Kangsabati and Subarnarekha. The most affected districts are South and North 24 Paraganas, and East Medinipur. It is reported that lakhs of houses are damaged across several districts and lakhs of hectares of agriculture and horticulture damage is there in Sunderban districts and many districts as unusually large numbers of embankments breached and overtopped across the coast, Sunderbans districts and in riverine areas.

The Cyclone Yaas has now converted into a depression over Jharkhand and is causing rainfall in North Bengal. Very Heavy rainfall has been reported in North Bengal and minor landslides occurred in Darjeeling.

Restoration

Survey of damage started but some areas can only be reached once the waters recede. Under these circumstances a very rudimentary assessment suggests the following picture of damage, which will change after detailed assessment. The affected areas are the 15 districts: South 24 Parganas, North 24 Parganas, Kolkata, Purba Midnapore, Howrah, Paschim, Medinipore, Hoogly, Nadia, Purba Burdwan, Paschim Burdwan, Bankura, Jhargram, Purulia, Murshidabad and Birbhum.

While the huge damage has been caused to crops, infrastructure, horticulture, irrigation, power sector, water supply, drainage, education sector and health sector across several districts, the high tide action is projected to further cause more damage. While the major roads are open the island connectivity

and interior roads are affected by large stretches of land being still under water. The fishing community has been severely affected along vast stretches of lakhs of hectares of coastal and riverine areas. Major infrastructural damage was reported besides huge losses to public property as shops and markets were inundated across several districts including the coastal and Sunderbans and the weather is still cloudy and heavy rainfall alert continues .

3.2.1. Brief Note on Cyclone 'Yaas':

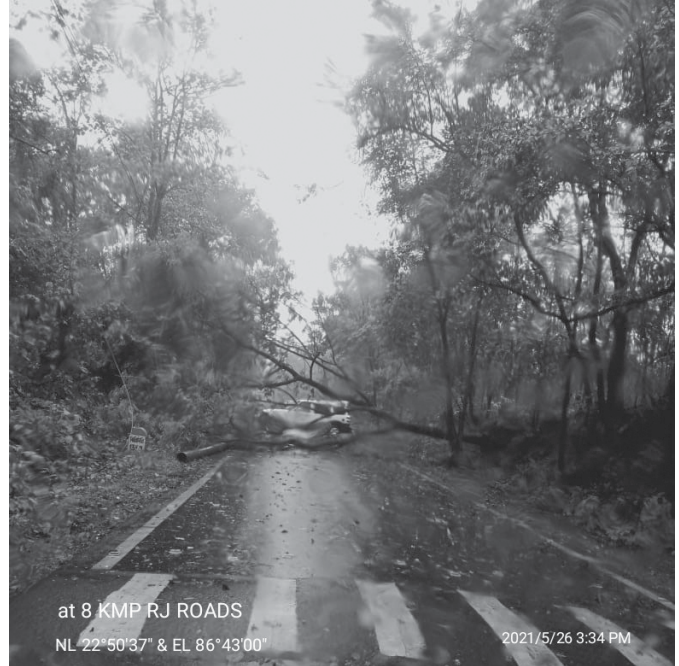
Synoptic Report regarding Very Severe Cyclonic Storm YAAS.

- ❑ Landfall near Dhamra in Orissa on the 26th May, 2021
- ❑ The Number of District affected - 18
- ❑ The Number of Persons affected - About 2 Crore
- ❑ The estimated loss of property - Rs. 21, 535 Crores.

Rescue & relief measures taken in connection with YAAS:

- ❖ Number of people evacuated- 20.36 lakh
- ❖ Number of Cyclone Shelters/ Relief Camps. -15,215
- ❖ Number of people in Relief Camps- 20,35,155
- ❖ Number of Gruel kitchen opened-15,215
- ❖ Number of Boats deployed- 139
- ❖ Number of Medical Teams deployed-971
- ❖ Number of Tarpaulin Distributed- 20,78,000
- ❖ Number of Clothing Distributed-33,68,000
- ❖ Number of DM Kit Distributed-23,734
- ❖ Water Pouches Distributed-55.90 Lakhs

- ❖ Special GR Rice Allotted- 7,000 MT
- ❖ Relief Contingency Allotted- 34 Crores



Thiba G.P under Labpur Block, Birbhum



Sahapur GP, Dubrajpur Block, Birbhum

The losses of properties/ public utilities:

The Very Severe Cyclone Yaas combined with the high tide of the full moon day (Purnima Kotal) and Lunar Eclipse creating an unprecedented storm surge, tidal waves, rainfall, squall, landslide and preceding & succeeding tornadoes. The sector wise losses of properties and public utilities are as follows:

SL. NO.	SECTOR	QUANTUM OF DAMAGES (INR CRORES)
1	Dwelling Houses, Evacuation, Search & Rescue, Relief Camps & Relief Articles etc.	3452
2	Agriculture Sector	3425
3	Horticulture	1540
4	Fisheries	1317
5	Animal Resource Development	405
6	Drinking Water	410
7	Roads including rural roads & culverts / bridges (P&RD & PWD)	2628
8	Irrigation including Micro Irrigation Scheme	4059
9	Power	12
10	Forest	89
11	Education infrastructure	84
12	Health infrastructure	13
13	Anganwadi infrastructure	70
14	Urban infrastructure	1476
15	MSME (Damage to raw materials to products)	323
16	Industry Sector	6787
17	Tourism	1003
18	Miscellaneous (Transport, Food & Supplies, Sundarbans Higher Education, MA&ME, Technical Education, SHG&SE, Correctional Homes, BCW etc.)	554
Total Loss		21,535

Flood in July – August 2021

Flooding caused due to incessant rainfall and release of excessive water by Dams during 28th July to 1st August 2021

- ❑ Total Number of District Affected: 12

- ❑ (Bankura, Birbhum, Darjeeling, Hooghly, Howrah, Kalimpong, North 24 Parganas, Paschim Bardhaman, Paschim Medinipur, Purba Bardhaman, Purulia, South 24 Parganas)
- ❑ Kolkata also water logged due to heavy rainfall.
- ❑ The number of Persons affected - 10.76 lakhs
- ❑ Number of Human Life Lost:-65(Lightning - 33, Wall Collapse - 9, Drowning - 18, Landslide - 3, Electrocution - 2)
- ❑ **The estimated cost of damage - Rs. 6242.46 Crores**
- ❑ An Inter-Ministerial Central Team visited West Bengal from 25th to 26th September 2022. The team visited the flood affected areas in Howrah, Hooghly & Paschim Medinipur districts.

- **Report regarding rescue & relief measures taken in connection with Flood in July – August 2021:**

- ❖ Massive evacuation operation undertaken, over 1,38,394 people evacuated
- ❖ SDRF Team Deployed – 15 Teams (Howrah, Hooghly, PaschimMedinipur, Birbhum, PurbaMedinipur, Kalimpong)
- ❖ NDRF Teams Deployed – 10 Teams (Howrah, Hooghly, PaschimMedinipur, Jalpaiguri, North24 Parganas, South 24 Pparganas)
- ❖ Relief Camp Opened – 426
- ❖ People at Relief Camp – 52,757
- ❖ Tarpaulin Distributed -2,10,440
- ❖ No. of Water pouches distributed: 7.73 Lakhs

□ **Additional allotment of Relief articles & Relief contingency:**

◆ Tarpaulin	- 3.15 Lakh
◆ Clothing	- 1.10 Lakh
◆ Relief Contingency (Rs.)	- 4.00 Crore
◆ DM Kit	- 5000
◆ Special GR (Rice)	- 1800 MT

- Air force was requisitioned and conducted air-rescue in Hooghly district on 02.08.2021 at 7 am. Total 31 people were air-rescued from Jela Para near Dhanyaghor, Khanakul-II Block. (Male – 9, Female -16 & Children – 6)

Synoptic Report of Flood in July – August 2021

- The losses of properties/ public utilities are as follows:

SL. NO.	SECTOR	EXTENT OF ASSESSED DAMAGE	QUANTUM OF DAMAGES (INR CRORES)
1	Dwelling Houses	a. Approximately 56,647 house are damaged b. Loss of essential house hold items	923.34
2	Crop Damage	a. Physical loss: Inundation: 2.43 lakh hectares b. Nature of damage: Inundation	2580.22
3	Fisheries	a. Water area affected –2799.10 Ha	2.99
4	Roads including rural roads, culverts	a. Road Damaged (PWD maintained)- 1679.29 Km .13Cr) b. No. of Damaged Bridges / Culvert – 121 (55+66) c. Length of Damaged Rural Road – 2649.23 Kms.448.62)	540.75
5	Irrigation canals / Ponds	a. Physical damage-Total 1182.48 km embankment b. Damaged structures, including sluices, inlets, regulators & bridges – 121 c. Damaged inspection paths /roads -162.41 Km	1584.62
6	Drinking water	a. Tube well affected -14656 b. Piped Water Supply Schemes Damaged - 51	410.00
7	Animal Resource	a. No. of animals and birds affected -402422 b. No. of animals and birds died-1218	0.04
8	Health Sector	Article I. a. Damage to PHC/BPHCs – 32 b. Damage to SCs – 23; Damage to DH/SDH/SGH-6	4.67
9	Sundarbans	a. Primary damage assessed- 1033.5 Km damaged bituminous, concrete & bricked paved road.	9.82
10	Urban sector	Article II. a. Road damaged due to water logging – 216.15 Km b. Damage to Underground sewerage system – 14.97 Km	80.72

SL. NO.	SECTOR	EXTENT OF ASSESSED DAMAGE	QUANTUM OF DAMAGES (INR CRORES)
11	Micro Irrigation	Article III. a. Damage to schemes under WRI&D	18.68
12	Power sector	Article IV. a. No. of damaged Pole -597, Conductor damaged – 158.108 km; DTR damaged - 472	5.75
13	Education sector	Article V. a. No. of damaged schools -541	8.11
14	Cost of S&R Ops., Relief measures	a. Cost of Evacuation, Search & Rescue, Relief measures, camps & relief materials etc.	72.03
15	Tourism sector	a. Damage to Tourism sector	0.72
TOTAL LOSSES (Rs. in Crore) -			6242.46



Thiba G.P under Labpur Block, Birbhum



Sahapur GP, Dubrajpur Block, Birbhum

Flood in September - October 2021

Flooding caused due to extremely heavy rainfall and excessive release of Water from Dams, Barrages and Major Weirs during 14th September to 22nd October 2021 due to rainfall and release of Water by DVC/ Dams.

Total Number of District Affected : 23

A. 1st Phase: 14.09.2021 to 14.10.2021; Affected Districts - 15

Paschim Bardhaman, PurbaBardhaman, Hooghly, Howrah, Purba Medinipur, Paschim Medinipur, Jhargram, Bankura, Birbhum, Purulia, North 24 Parganas, South 24 Parganas, Nadia, Murshidabad & Kolkata

B. 2nd Phase: 17.10.2021 to 22.10.2021; Affected Districts - 8

Alipurduar, Coochbehar, Jalpaiguri, Darjeeling, Kalimpong, Uttar Dinajpur, Dakshin Dinajpur & Malda

- ❑ **Population Affected** : 29.23 lakhs
- ❑ **No. of Houses Damaged** : 1,79,554 (Estimated cost Rs. 2459.89Crore)
- ❑ **Number of Human Life Lost** : 98 (Wall Collapse: 21, Drowning: 37, Electrocution: 12, Lightning: 27; Tree Falling-1)
- ❑ The estimated loss of property as per final assessment- Rs. 9044.40Crores

Relief measures Taken:

People Evacuated/ Rescued	:	6,01,270
Relief Camp Opened	:	1106
No. of People in Relief Camps	:	2,23,931
Gruel kitchen Opened	:	1098
Number of Boats Deployed	:	94

- ❑ **Synopsis of Quantum of Damages Assessed is as follows:**

SL. NO.	SECTOR	EXTENT OF DAMAGE ASSESSED	QUANTUM OF DAMAGES (INR CRORES)
1	Agriculture Sector	5.03 Lakh hectares agriculture land	3775.54
2	Horticulture	Total Affected area -26038 Ha, Vegetables (21133 Ha), Betel vine (980 Ha), Flowers (2253 Ha) & Fruits (1672 Ha) etc.	636.42
3	Fisheries	Fisherman affected in 10 Districts	31.17
4	Roads & culverts / bridges : (PWD)	Damaged Water Over-topped length- 189.26 Km; Roads - 1226.17 Km, Bridge & Culverts - 57	617.96
5	Rural roads & culverts / bridges : (P&RD)	Damaged Rural Roads -3711.71 Km, Bridge & Culverts -165	663.59
6	Dwelling Houses	179554 houses damaged	2459.89
7	Health infrastructure	PHC/ BPHC/RH-87, Sub Centre-355, SDH/SGH/ DH-1	11.77
8	Urban Infrastructure	Municipal Roads, Street Lights, Underground Sewerage system, Storm Water drainage, Water supply schemes, roads etc.	592.01

Medical support	:	Additional 426 Medical Teams
Tarpaulin Distributed	:	3,97,495
Water pouches distributed	:	27,04,630

Preparatory Measures taken to combat the situation:

- ❑ Massive evacuation operation undertaken, over 6 lakh people evacuated
- ❑ SDRF Team Deployed : 18 Teams in 2 phases
- ❑ NDRF Teams Deployed : 16 Teams in two phases
- ❑ Army Teams deployed : 10 Teams

Synoptic Report of Flood in September - October 2021**Additional allotment of Relief articles & Relief contingency:**

- ❑ Tarpaulin : 5,04,600 Pcs.
- ❑ Clothing Garments : 2,70,000 Pcs.
- ❑ Spl. GR (Rice) : 1,500 MT
- ❑ Relief Contingency (Rs.) : 4.90 Cr.
- ❑ DM Kit : 8,000 Pcs.

SL. NO.	SECTOR	EXTENT OF DAMAGE ASSESSED	QUANTUM OF DAMAGES (INR CRORES)
9	Sunderbans	Damaged to areas under Sundarbans	20.71
10	Animal Resource	Animals lost - 87624; Animal affected - 1411671	0.85
11	Drinking Water	Piped Water Schemes affected- 98; Damage to Spot Sources - 9996	7.17
12	Irrigation including Micro Irrigation Scheme	Embankments breached in 20 locations; Damaged embankments -72.345 Km Length of damaged inspection paths /roads-24.37 Km	194.80
13	Education infrastructure	Damaged Pry Schools-204 High School - 27	5.53
14	Cost of Evacuation, shelter & Relief	Cost of relief camp, evacuation etc.	23.63
15	Power	Pole Damaged - 304, DTR Damaged - 94, Conductor - 52.07 KM	1.62
16	Handicrafts / Handloom -MSME&T	No. of Weavers affected -3676	1.74
TOTAL LOSSES -			9044.40



Rescue Operation on going in Bankura



Distribution of Relief materials in Bankura

Relief Measures at the time of Natural Calamity & Emergency

Types of Disaster to which Different parts of the State are vulnerable:

The State of West Bengal a truly multi-hazard prone state due to its geo-physical variations. In recent past the intensity and frequency of disasters have increased significantly. Major disasters faced by the state are as below –

- a) West Bengal is severely prone to flood. Out of 23 districts, 18 districts suffer from flood during June to October due to heavy rainfall and sudden release of water from the reservoirs and dams lying in bordering states.
- b) The State of West Bengal has two cyclonic seasons – pre-monsoon and post-monsoon during April-May and November-December respectively. Paschim Medinipur, Jhargram, Purba Medinipur, South 24-Parganas, North 24-Parganas, Howrah, Hooghly, part of Nadia, Purba Burdwan, Paschim Burdwan and Bankura fall within very high to high risk zones for cyclone. Besides, the districts of Bankura and Purulia are drought prone. Natural calamity like landslide occurs in the hilly region of Darjeeling district causing great loss to the inhabitants of that area and to the infrastructure.

4.1. Status of Preparedness:

Every year a state level consultative meeting was held during April-May before monsoon cyclone and monsoon period in order to strengthen institutionalize DM preparedness and response under chairmanship of Chief Secretary in presence of heads of the line departments working on disaster management, all

District Magistrates, IMD, NDRF, SDRF, Armed forces, Para-Military forces, Civil Defence, Indian Railways, BSNL etc. Update of District Disaster Management Plan and inclusion of all Line Departmental Contingency Plan in the State Disaster Management Plan, reiterate the role of each Department, flood early warning message dissemination, campaign for preparedness, cyclone early warning to the fisherman, relief materials stock etc. are discussed in the meeting. Followed by State level meeting, all the districts & Block Disaster Management Committee members would seat together at their respective level to review their preparedness and response plan.

4.2. State Disaster Management Plan (SDMP) and District Disaster Management Plans (DDMPs):

West Bengal State Disaster Management Plan was updated for the year 2019-20. Most of the line departments particularly Police, Fire, Irrigation & Waterways, Agriculture and Health have their own crisis management plan by which they manage any emergency. These plans are also included in the SDMP. The same was updated by all the districts every year towards strengthening response of disaster management. Block level Disaster Management plans are also been updated every year.

Civil Defence wing of this Department has their own training Institute in the State and they regularly conduct capacity building programmes for own staff members and volunteers. Quick Response Team (QRT) comprising of trained volunteers of 12 members including a SOI along with vehicles, fitted with necessary equipments has been kept at District

level to combat any sort of natural & manmade calamity.

In addition, the State Emergency Operation Centre (EOC) has been established at Nabanna equipped with modern state of the art communication equipments. All districts have established district EOC having communication equipments with a little renovation of the existing district administrative buildings. An emergency toll free number 1077 at district level & 1070 at State level have been activated. The State EOC is operational on 24 X 7.

State Disaster Response Forces (Disaster Management Group (DMG)) are ready 24 X 7 for rescue & relief operations in any disaster incident. They are prepositioned at strategic locations (Barrackpore, Krishnagar, Asansol, Bankura, Uttar Dinajpur, Jalpaiguri). These teams have also the capacity to tackle disaster due to collapsed structure. Water Rescue Teams in each squad are fully equipped. DMG teams are prepositioned / deployed as per the situational demand.

A Crisis Management Plan and Standard Operating Procedures are in position of different departments and organizations namely West Bengal Fire & Emergency Services, Agriculture Department, Irrigation & Waterways Department, and Animal Resource Development Department. A Contingency Plan for Management of Biological Disaster, SOP for Prevention of Industrial Accidents, Operational Plan for Management of Mass Casualty Incidents, Disaster Mitigation Plan of WBSEDCL. Action Plan of West Bengal Police. Action plan of Kolkata Police, Plan for countering cyber Attacks and Cyber Terrorism, Emergency Procedure of N.S.C. Bose International Airport, Oil Spill Contingency Plan West Bengal have been shared with this Department.

These plans and Standard Operating Procedures are being used by this Department and State EOC at the time of emergencies, calamities and disasters as per DM Act 2005.

4.3. Present strength of SDRF & DMG performing the duties in 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), District Uttar Dinajpur.
- (ii) SAP 6th & Special Striking Force Bn., Barrackpore, District North 24 Parganas.
- (iii) SAP 7th Bn., Asansol, District Paschim Burdwan.
- (iv) SAP 8th Bn., Barrackpore, District North 24 Parganas.
- (v) SAP 9th Bn., Sandhya (near Krishnanagar town), District Nadia.
- (vi) SAP 10th & 12th Bn., Dabgram (near Siliguri town), District Jalpaiguri.
- (vii) SAP 13th Bn., Barjora, District Bankura. District Nadia.

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

- (i) Collapsed 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 rest of the Squads have Surface Water Rescue Teams.
- (iv) Mountaineering/Rock Climbing Team : (Each such team is only located at Kasba, Dabgram & 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.

SET UP OF DISASTER MANAGEMENT GROUP SQUADS, WEST BENGAL POLICE

Set up of Disaster Management Group Squads, Kolkata Police

At present, there is 01 (one) self-contained Squad in DMG, KP. This Squad is stationed at Police Training School, A J C Bose Road, Kolkata.

This DMG Squad consists of 02 (two) specialised Teams. These Teams are:-

- (i) Collapsed Structure Search & Rescue Team (CSSR)
- (ii) Water Wing

The strength of this squad is 01 Inspector, 08 ASIs/ Subedars/ Sergeants, 145 (approx.) Police Constables and 155 (approx.) Home Guard Volunteers/ Civic Volunteers.

01 Assistant Commissioner of Police and Deputy Commissioner of Police (Combat Battalion) are in the overall charge of this squad.

4.4. Allocation of financial assistance from the State Disaster Response Fund

According to the recommendations of the Fifteenth Finance Commission, the State Disaster Response Fund (S.D.R.F.) is spent for providing emergency relief to the natural calamity-hit people. Both the Central and the State Governments contribute to this

fund. During 2021-22, Rs.808.80.00 crore has been provided under S.D.R.F as Central share and Rs. 269.60 Crore has been provide as State Share. Another amount of Rs. 300.00 crore was received

under NDRF for the super cyclone "YAAS" damaged the coastal area of this State. Out of the total fund amounting Rs. 3113.87 crore; Rs.1378.52 crore has been sanctioned to different Districts, Directorate of Disaster Management and other Departments from SDRF/NDRF.

Release of fund from SDRF/NDRF for / AMPHAN/ YAAS /COVID - 19 (2021-22) to different Departments during this year is as below :-

SL. NO.	DEPARTMENT	AMOUNT (RUPEES IN CR.)
1	Health & F. W. (COVID-19)	200.00
2	Power Department (AMPHAN)	100.00
3	P.W.D. (YAAS)	32.53
4	Irrigation & Waterways (YAAS)	50.00
5	Agriculture Department (YAAS)	278.07
6	ARD Department (YAAS)	3.18
7	M.S.M.E. (YAAS)	1.36
8	Fisheries Department (YAAS)	29.65
9	Transport Department (YAAS)	0.08
TOTAL		694.87

- Rs. 9.61 crore was released towards the procurement of Disaster Response Equipment for DMG (W.B. Police/ Kolkata Police)
- Rs.150.55 Crore was released towards procurement of Tarpaulin during 2021-22.

4.5 . In normal times, the Disaster Management & Civil Defence Department undertakes normal relief measures for the destitute who are unable to earn and those who are physically challenged.

For this purpose, during the financial year 2021-22; 25, 526.736 MT wheat has been allotted for 1, 77,269 units of indigent persons in kind to the District Magistrates. Apart from this, 8347.68 Qtl. Common Grade rice has been distributed to help 5,797 units of leprosy affected persons in the State through the District Magistrates.

4.6. The State Government extends monetary help out of SDRF to the people affected by accidental fire for repair and reconstruction of their houses through distribution of "House Building Grant". The

rates of such grant and the number of beneficiaries along with the total assistance released from SDRF during 2021-22 are as below:-

(The data of the table is excluding YAAS).

	FULLY DAMAGED PUGCA HOUSE	FULLY DAMAGED KUTCHA HOUSE	PARTLY DAMAGED PUGCA HOUSE	PARTLY DAMAGED KUTCHA HOUSE	TOTAL
Amount (Rs.)	35,000	15,000	6,300	3,200	
No. of Damaged houses	58	597	6	96	757
Amount Released (Rs.)	20,30,000	89,55,000	37,800	3,07,200	1,13,30,000

4.7. The State Government also extends house building grants out of SDRF to the people for repair and reconstruction of their houses in the event of damage/ destruction by natural calamities. The

rates of such grant and the number of beneficiaries along with the total assistance released from SDRF during 2021-22 are as below:-

TYPE OF HOUSE	FULLY DAMAGED KUTCHA	SEVERELY DAMAGED KUTCHA	PARTLY DAMAGED KUTCHA	FULLY DAMAGED PUGCA	SEVERELY DAMAGED PUGCA	PARTLY DAMAGED PUGCA	HUT	TOTAL
Rate (Rs. / house)	17,600	3,800	2,300	70,000 /75,000	12,600	3,800	3,000	---
No of house damaged	562	277	412	453	7	19	Nil	1730
Grants Released in Crore	98.91	10.52	9.47	318.00	0.88	0.72	Nil	438.52

Except above further sanction was made for YAAS 2021-22 to different Districts as per their requisition as follows:

SL. NO.	DISTRICT	AMOUNT RS. IN CRORE	NO. OF HOUSE DAMAGED		
			FULLY	PARTLY	TOTAL
1	Bankura	0.60	132	686	818
2	Birbhum	0.14	27	174	201
3	Darjeeling	0.08	15	98	113
4	Hooghly	0.40	44	620	664
5	Howrah	1.95	265	2842	3107
6	Jhargram	0.34	22	583	605
7	KMC	0.04	6	51	57
8	Kalimpong	0.02	4	19	23
9	Murshidabad	0.21	28	315	343
10	Nadia	0.09	19	98	117
11	North 24 parganas	15.00	5000	10000	15000
12	Paschim Bardhaman	0.11	9	189	198

SL. NO.	DISTRICT	AMOUNT RS. IN CRORE	NO. OF HOUSE DAMAGED		
			FULLY	PARTLY	TOTAL
13	Paschim Medinipur	1.03	48	1881	1929
14	Purba Bardhaman	0.14	26	166	192
15	Purba Medinipur	14.21	3738	13474	17212
16	Purulia	0.46	77	613	690
17	South 24 parganas	28.87	11673	32442	44115
Total		63.69	21133	64251	85384

4.8. The Disaster Management Department helps the weaker sections of the society in their economic rehabilitation by sanctioning @ Rs.10000/- for purchase of sewing machine and @ Rs.5000/- to Rs. 15,000/- for setting up small trade by releasing Economic Rehabilitation (E.R.) Grant. In the financial year 2021-22, a sum of Rs. 1.19 crores has been sanctioned in favour of District Magistrates for distribution amongst the beneficiaries as E.R. Grant. Beside this, a total sum

of Rs.4.50 lakh has been sanctioned as Economic Rehabilitation Grant to Ex-T.B. patients.

4.9. On the eve of Durga-Puja and Id festivals, the Disaster Management Department arrange for distribution of garments through the Hon'ble Members of Legislative Assembly excluding 3 M.L.A.s under the Hill Areas of Darjeeling and Kalimpong. Such distributions during 2021-22 are as follows:-

SL. NO.	ITEM	QUANTITY (NO. OF PIECES)	AMOUNT (RS. IN CRORE)
1	Dhuti	176900	3.1762395
2	Saree	265400	10.728795
3	Lungi	88400	1.410864
4	Childrens' Garments (Boys)	66355	2.0901825
5	Childrens' Garments (Girls)	66355	1.9787061
6	Kurti Legings	73850	3.96056073
7	Bedsheet	178100	3.515694
8	Woolen Blanket	177200	6.23301
9	Pajama & Punjabi	66355	2.7590409
10	LDPE Tarpaulin	138700	10.0163592
Total			45.86945193

Further, for 3 MLAs from Hill area of Darjeeling & Kalimpong, total Rs. 30.00 lakh has been allotted for procurement of different relief items in connection with Durga Puja and Idd festival, 2021.

Capacity Building & Training

5.1. Organizing of Mock Drill:

In 2021 different types of Mock drill was conducted in various district of West Bengal. Mock Drill & Table Top Exercise on Chemical & Industrial Disaster in 09 Blocks in 8 Districts. Online Mock Exercise & Table Top Exercise with 12 Districts. NDRF also conducted FAMEX in 4 different Districts of West Bengal i.e, South 24 Paraganas, Malda, Purba Medinipur, Hooghly.

5.2. Organizing Training Programme:

As a part of capacity building programme the Natural Disaster Management wing of ATI is entrusted to organize training programmes with the financial support from department. Details of training programme organized in the year 2021-22 at state level and regional training institutes situated at district is furnished in the following tables.



Chemical Biological Mock Drill in Howrah

Training Report of NDM Centre of ATI, West Bengal

ACTIVITY REPORT OF NDM CENTRE OF A.T.I. WEST BENGAL, 2021-2022

SL	PROGRAMME (2021-22)	DAYS	PARTICIPANTS	DATES
1	Disaster Management for ICDS Supervisors	3	30	24-26 Nov 2021
2	Earthquake & Landslide Risk Management	3	21	8-10 Dec 2021
3	School Safety & Disaster Management	3	30	15-17 Dec 2021
4	Disaster Management for Education Officers of PRIs	3	29	20-22 Dec 2021
5	Disaster Management for Police Personnel	3	33	5-7 Jan 2022
6	DRR for Junior Engineers	3	26	19-21 Jan 2022
7	Drought Risk Mitigation & Management	3	30	09-11 Feb 2022
8	Flood Risk Mitigation & Management	3	22	16-18 Feb 2022
9	Disaster Management for ICDS Supervisors	3	30	21-23 March 2022
10	Disaster Management for the WBCS (Exe) Officers of 2019 Batch	3	19	28-30 March 2022
TOTAL		30	270	

RTC Training at District

SL	PROGRAMME (2021-22)	DAYS	PARTICIPANTS	DATES
1	Flood Risk Mitigation & Management (South 24 Pgs)	2	25	07-08 Oct 2021
2	School Safety & DM (PurbaBardhaman)	2	25	17-18 Nov 2021
3	Drought Risk Mitigation & Management (Bankura)	2	25	23-24 Nov 2021
4	FloodRiskMitigation&Management(PaschimMedinipur)	2	29	21-22 Dec 2021
5	Flood Risk Mitigation & Management (Uttar Dinajpur)	2	26	23-24 Dec 2021
6	School Safety & DM (Jalpaiguri)	2	21	18-19 Jan 2022
7	Disaster Management for ICDS Workers (Kalimpong)	2	25	22-23 Feb 2022
TOTAL		14	176	

Disaster Management & Civil Defence Activities

Activities of Disaster Management Wing:

6.1. Action taken in the area of public education and community awareness:

Action taken in the area of public education and community awareness:

Under this programme, Disaster Management Stall

displaying various activities of the department & dos and don'ts of during disaster at various state and district level fair & through various newspaper and Television Channels.

Calendars comprising “do's” and “don'ts” on Flood, Cyclone, Earthquake and Landslide and with details of various projects of State Govt. and messages regarding Do's and Don'ts at the time of various disasters have been distributed through the offices of the District Magistrates.

6.2. The Disaster Management wing allotted to the District Magistrates the following emergency relief materials during 2021-22:-

Allotment of Relief materials for Monsoon/Natural Calamity 2021-2022

DISTRICT	TAPULIN	DHUTI	SARI	LUNGI	CG BOYS	CG (GIRLS)	PAJAMA PUNJABI	KUTI LEGGINGS	BED SHEET	BLANKET
DARJEELING	25,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	5,190
JALPAIGURI	40,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	5,190
ALIPURDUAR	20,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	4,190
KALIMPONG	15,300	4,125	4,190	2,060	2,050	2,050	2,050	2,060	10,190	3,190
COOCH BEHAR	20,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	5,190
MALDA	45,300	4,125	4,190	2,060	2,050	2,050	2,050	2,060	10,190	11,190
UTTAR DINAJPUR	30,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	12,190
DAKSHIN DINAJPUR	10,300	4,125	4,190	2,060	2,050	2,050	2,050	2,060	10,190	4,190
MURSHIDABAD	25,300	14,125	14,190	7,060	7,050	7,050	2,050	7,060	20,190	11,190
NADIA	10,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	10,190
N. 24 PGS.	1,75,300	4,125	50,190	35,060	35,050	35,050	2,050	25,060	50,190	12,190
S. 24 PGS.	6,10,300	4,125	1,00,190	60,060	60,045	60,045	2,045	60,060	1,05,190	20,190
HOWRAH	1,81,300	4,125	43,406	15,060	15,050	15,050	2,050	10,060	30,190	12,190
HOOGHLY	1,30,300	19,125	29,190	17,060	17,050	17,050	2,050	2,060	15,190	11,190
PURBA MEDINIPUR	4,10,300	20,125	1,30,190	60,060	90,050	90,050	25,050	80,060	1,36,088	22,190
PASCHIM MEDINIPUR	2,20,300	14,125	40,190	35,060	35,045	35,045	12,045	25,060	45,190	15,190
JHARGRAM	35,300	4,125	4,190	2,060	3,050	3,050	2,050	2,060	10,190	4,190
PURULIA	33,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	10,190	12,190
BANKURA	89,900	14,125	13,190	11,060	11,050	11,050	10,050	10,060	10,190	10,190
BIRBHUM	40,300	4,125	4,190	2,060	2,050	2,050	2,050	2,060	10,190	10,190
PURBA BURDWAN	35,300	4,125	4,190	2,060	2,050	2,050	2,050	2,060	10,190	2,190

DISTRICT	TAPULIN	DHUTI	SARI	LUNGI	CG BOYS	CG (GIRLS)	PAJAMA PUNJABI	KUTI LEGGINGS	BED SHEET	BLANKET
PASCHIM BURDWAN	55,300	4,125	4,190	2,060	2,045	2,045	2,045	2,060	12,190	8,190
KMC	25,300	6,125	6,190	2,060	3,045	3,045	3,045	3,060	12,190	2,190
TOTAL	22,85,500	1,57,875	4,85,586	2,71,380	3,03,095	3,03,095	89,095	2,51,380	5,69,268	2,14,370

6.3. Ex-Gratia allotted against deaths & injury due to natural calamities & Snake Bites:

SL. NO.	NAME OF THE DISTRICT	NATURAL CALAMITY (RS. IN LAKH)	SNAKE BITE (RS. IN LAKH)	TOTAL (RS. IN LAKH)
1	Alipurduar	60	21	81
2	Bankura	187.5	110.5	298
3	Birbhum	2.34	113	115.34
4	Coochbehar	26.5	11	37.5
5	Dakshin Dinajpur	28	15	43
6	Darjeeling	10	5	15
7	Hooghly	181.5	96	277.5
8	Howrah	26.5	27.5	54
9	Jalpaiguri	38	17	55
10	Jhargram	69.5	35.5	105
11	Kalimpong	24	7	31
12	Malda	101	53.25	154.25
13	Murshidabad	148.5	72.5	221
14	Nadia	31.5	35.75	67.25
15	North 24 Parganas	94	55	149
16	Paschim Burdwan	80.5	28.5	109
17	Paschim Medinipur	221	92	313
18	Purba Burdwan	160	219.5	379.5
19	Purba Medinipur	90	48	138
20	Purulia	164	45	209
21	South 24 Parganas	80	124	204
22	Uttar Dinajpur	28.5	29	57.5
23	Kolkata	9	8	17
Total -		1861.84	1269	3130.84

6.4. Allotment for Crowd Management Ganga Sagar Mela:

SL. NO.	PURPOSE	FUND RELEASED (RS.)
1.	Infrastructure & other logistic arrangement	1,41,90,000
2.	Installation of DM Stall	28,60,000

3.	Awareness intervention	7,70,000
4.	COVID- 19 Management	1,34,20,000
5.	Surveillance	1,89,20,000
6	Capacity Building & Awareness	31,07,500
7	Accomodation	13,20,000
Total		5,45,87,500

6.5. Special Initiatives in Ganga Sagar Mela:

- ❑ Setting Up of a Mega Control Room. High speed internet connectivity with LED screen at mega control room
- ❑ A real time mega surveillance system with CCTV cameras and drones. Tide Timing & Vessel Timings Display System. Information related to Tide timings, vessel timings, safety precautions,

lost & found information, facilities for pilgrims etc.

- ❑ Satellite phones
- ❑ Communication on wheels
- ❑ Inflatable tower lights with motor
- ❑ Arrangement made for mask, sanitizer, gloves, headmask, thermal gun, PPE



Activities of Civil Defence (CD Wing) during the year 2021-22

Infrastructure:

1. Electrical works of Civil Defence Multi Disciplinary Centre, Hatighisa, Siliguri has been completed by PWD electrical at an outlay of Rs. 12,36,000/- . Civil & IT work proposal for Rs.1,09,41,310/- is under submission.
2. Renovation of Civil works of Lawrence- II (MRC), Darjeeling has been completed at an outlay of Rs.18,84,589/-.

3. Multi Disciplinary Centre (MDC) is operational at Asansol and Hatighisa.
4. Rescue centre is operational at Mohanpur(Paschim Medinipue), Basirhat (North 24 Parganas) and Pursura (Hooghly).

Training:

Inspite of Covid – 19 restrictions the Directorate of Civil Defence has able to conduct following training

programmes.

1. Foundation Training: 331 have undergone and successfully completed.
2. Advance training at Central Civil Defence Training Institute, West Bengal: 141 have undergone and successfully completed.

Procurement:

1. 350 numbers of Portable Inflatable Lighting System has successfully through GeM and distributed amongst three coastal districts namely Purba Medinipur, South 24 Parganas and South 24 Parganas at an outlay of Rs.8,06,75,000/- (Eight Crore Six Lakhs Seventy Five Thousand) only.
2. Another 50 numbers of Portable Inflatable Lighting System have already been procured for Civil Defence Organization of all districts including Kolkata and Central Civil Defence Training Institute, West Bengal at an outlay of Rs. Rs.1,11,50,000 /- (One Crore Eleven Lakhs Fifty Thousand) only.

Land Matter:

1. Suitable land for construction of Civil Defence Rescue Cum Operation Centre at the Mela Ground of Gansagar Island has duly been transferred in the name of Department of Disaster Management & Civil Defence, Govt. of West Bengal.
2. A piece of land for construction of Multipurpose Rescue Centre in the district of Kalimpong has been transferred in the name of Department of Disaster Management & Civil Defence, Govt. of West Bengal.

Recruitment:

1. To fill up the vacancy for the post of 127 number of S.O.I., the written examination has successfully been completed by the West Bengal Police

Recruitment Board.

2. To fill up the vacancy in the 286 (117 +169) post of "Aggragami" in WWCD and WBCEF, the PMT examination has successfully been completed by the West Bengal Police Recruitment Board.

Construction of QRT Barrack:-

Construction has been made in South 24 Parganas, Purulia and Bankura. In Purba Medinipur and Paschim Medinipur, construction is under process.

Control Room of Civil Defence Head Quarter:

1. It has been introduced the practice of 24 x 7 manning of the Control Room of Civil Defence Head Quarter. This is for exchange of information regarding the nature and extent of damages due to natural calamities and for taking appropriate remedial measures to mitigate the effect of the calamities.
2. This has played a crucial role in COVID Pandemic and Super Cyclone "YAAS" for exchanging information and for taking appropriate remedial measures to mitigate the effect of the natural calamity and biological disaster. These control rooms worked even during lockdown.
3. RT set has been installed at Head Quarter Control Room having communication facilities with three Sub Areas namely Central Sub Area, North Sub Area and South Sub Area along with the same connectivity as installed in the Rescue Vehicles of Kolkata Civil Defence Organization.
4. It is supported by 6 Civil Defence Rescue Vehicles and 32 QRT for monitoring the situation in districts with the help of RT Set.

E-office:

1. In order to improve speed and transparency,

e-office has been introduced partially in Civil Defence Head Quarter.

2. E-office has been started in WWCD. Updation of IT infrastructure has been developed successfully.
3. Efforts are being made for paperless office gradually in future.

Mock Exercise:

1. Mock Drills on Flood, Earthquake and Cyclone are regularly conducted in selected blocks of all districts.
2. Mock Drill as a part of recapitulation and awareness programme organized in the different districts across the state on zone basis – (At Cooch Behar, CTI Itahar, Gothlu, Krishnanagar Nadia, Chinsura Hooghly, Kharagpur Paschim Medinipur, Asansol, Burdwan and CCDTI West Bengal).
2. Cyclone ‘Yaas’:

By Kolkata Civil Defence Organisation

QRT	TRAINED CDVS PLACED AT KMC	TRAINED FIRST AIDER OF CASUALTY SERVICE	AMBULANCE	DOCTOR	BULLET CHAIN SAW (TREE CUTTER)	CDRV
64	286	18	5	2	32	5

3. Mock exercise on Break Out of Fire has successfully been conducted by the Purba Bardhaman District by the Civil Defence Organisation on 25.09.2021.
4. Civil Defence Organisation, Siliguri, Darjeeling has organized a mock drill on Earthquake on 29.12.2021.

Deployment:

1. COVID – 19: Highest deployment at a time during the acute crisis of Covid-19 pandemic was made 3851 Civil Defence Volunteers across the state for distribution of masks, sanitizer, sanitization of Govt. premises awareness programmes for keeping distancing, crowd management of different market area, fair and festivals etc. At present during third wave of Covid -19 pandemic totally 917 CDVs are across the state.

3. Monsoon: During monsoon Boat and Manpower have been deployed to all 20 flood prone districts across the state.

NAME OF WING	BOAT	OBM	AGGRAGAMIS & OTHERS	CDVS
WWCD	70	70	126	@ 2 CDVs per boat, i.e. 74 x 2 = 148
WBCEF	4	4	32	
Total	74	74	158	148

N.B: Additionally, 12 INF boat and OBMs along with manpower were kept stand by at Kolkata.

4. Festival /Fair etc.: Doctors and 259 Civil Defence Volunteers were deployed. During Chhat Puja at Kolkata, boats, Agragamis, divers with SCUBA sets were deployed at 9 points at Kolkata and also at some of the districts.

5. a) Ganga Sagar Mela – 2022:

NAME OF WING	BOAT	OBM	MANPOWER	
			AGGRAGAMI & OTHERS	CDVS
WWCD	39	39	79	100
WBCEF	10	10	47	29
Total	49	49	126	129

- b) Point wise Civil Defence Volunteers deployed for Ganga Sagar Mela 2022 by Civil Defence Organisation, South 24 Parganas in the category of DERT (District Emergency Response Team), SAGAR BANDHU (COVID), SAGAR SAHAYAK (Tagged with officers), DRMP (Disaster Management), AAPDA MITRA / (DMCD), Driver and Diver etc.

POINT NAME	NUMBER OF VOLUNTEER
LOT 8	279
VESSEL AT LOT 8	116
SAGAR MELA GROUND	618
KACHUBERIA	299
CHEMAGURI & BENUBAN	125
NAMKHANA	100
KASHINAGAR	33
TOTAL	1570

- c) At Gansagar Mela 2022 Transit Camp Babughat: @ 24 CDVs in each shift round the clock performing duties w.e.f. 09.01.2022 to 17.01.2022.
- d) A mini hospital having facility of five (5) beds and comprising of two (2) doctors, two nurses and five CDVs as first aider in each shift is being manned at Ganga Sagar Mela 2022, Babughat.

Activities of WBNVF during the year 2021-22

A. Recruitment of Regular staff and NVF Volunteer on compassionate Ground.

SL. NO.	SUBJECT	NO. OF CANDIDATES	REMARKS
1.	Recruitment of Regular staff on compassionate ground	1 head	
2.	Recruitment of NVF Volunteer from different District Battalions on compassionate ground(Male-31 heads & Female-22 heads)	53 heads	53 heads candidates have provisionally been selected, but basic training has not yet been done for want of fund

B. Direct recruitment of Agragami in WBNVF Organisation from the trained NVF Volunteers.

1.	As per notification No. 283-CD/O/NVF-8C-01/2017 dtd. 28.02.2019 of the Department of Disaster Management & Civil Defence, West Bengal recruitment of Agragamis in WBNVF Organisation through the West Bengal Police Recruitment Board is under process(Written Examination has been completed)	652 heads	
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C. Promotion of regular staff in different ranks.

1.	Promotion to the different ranks of Group A, B & C (i.e. Gr.-A- 3 heads, Gr.-B- 1 head & Gr.-C- 36 heads)	40 heads	
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D. Training

1.	Training of Trainers Course for 10(ten) days held at various training centres of WBNVF in November, 2021.	50 heads	
2.	Fund for Rs. 38,63,250/- only has been received vide G.O. No. 1000-Sanc/CD(E-147012) dtd. 07.01.2022 for 15(fifteen) days refreshers Course Training to the Volunteers enrolled from Jangal Mohal areas i.e. Paschim Medinipur, Bankura & Purulia	450 heads	Fund received on 10.01.2022. Training has not been started which is likely to be started very soon.

E. Achievement under Plan Head.

SL. NO.	SUBJECT	AMOUNT	REMARKS
1.	Purchase of various items like computers, laptops, projectors, medical equipments, iron cot, high and low bench etc. for different units of WBNVF organization.	₹ 1,18,51,565	Supply will be completed shortly
2.	Repair / renovation work at various units of WBNVF organization.	₹ 2,99,833	Work is in progress which is likely to be completed shortly
3.	Supply and installation of S.T. Pole and PVC.A cable in the campus of WBNVF Training Centre, Kalyani, Nadia (Proposal was sent in the financial year 2020-2021) (Vide Sanctioned No. 498-Sanc/CD(E-363708) dated 19.08.2021)	₹ 3,77,389	-do-
4.	Construction of Boundary wall of WBNVF 1st (Bk) Bn., Durgapur. (Re-validation) (Proposal was sent in the financial year 2020-2021) (Vide Sanctioned No. 500-Sanc/CD (E-146055) dtd. 19.08.2021)	₹ 80,00,000	Work is in progress

5.	Reconstruction of southern side (50 Mtrs.) Boundary wall with allied works at WBNVF Training Centre, Cooch Behar. (Proposal was sent in the financial year 2020-2021) (Vide Sanctioned No. 499-Sanc/CD (E-356394) dtd. 19.08.2021)	₹ 5,34,584	Work will be done by PWD shortly.
6.	SITC of stage light and sound system at Rabindrabhan Building inside the campus of WBNVF Training Centre, Kalyani. Replacement of defactive gaget of electrical installation for stage lighting and Microphone with allied works for sound system. (Vide Sanctioned No. 853-Sanc/CD(E 426714) dated 01.12.2021)	₹ 2,98,050	Work will be done by PWD shortly.

Disaster Risk Mitigation Measures

7.1. Construction of Cyclone Shelters : In the aftermath of the cyclone Aila of 2009 that ravaged the coastal West Bengal including Sundarban area, it was felt that the number of deaths were more in the affected areas due to non-availability of safe shelter buildings in the coastal villages. The Government has correctly decided to undertake construction of multipurpose cyclone shelters in the cyclone high risk areas of three coastal districts of West Bengal. The detail of these projects has been furnished below:

7.1.1. National Cyclone Risk Mitigation Project, Phase –II (NCRMP-II)-West Bengal

Project ID : P144726

Project Implementation Start Date: 01/06/2015 (According to Project Appraisal Document)

Effectiveness Date: 31/07/2015.

Mandate of the project was to construct 146 Nos. Multi Purpose Cyclone Shelters (MPCS) In the coastal districts of West Bengal viz. South 24 Parganas, North 24 Parganas & Purba Medinipur. All 146 MPCS have been completed and 145 MPCS have been handed over.

District wise Details of MPCS under NCRMP-II				
DISTRICT	NO. OF MPCS	CONSTRUCTING AGENCY	NO. OF MPCS COMPLETED	NO. OF MPCS HANDED OVER
South 24 Parganas	75	Bridge & Roof(I) Ltd.	64	64
		BIL Infratech Ltd.	11	11
North 24 Parganas	43	Bridge & Roof (I) Ltd.	7	7
		BIL Infratech Ltd.	36	35
Purba Medinipur	28	Bridge & Roof(I) Ltd.	28	28
Total	146		146	145

The work of underground cabling at Digha-Shankarpur area in connection with NCRMP-II is completed as follows.

Underground Cable Works (Package-2)	Underground Cabling work has been completed as detailed below:		
	DESCRIPTION	TARGET	ACHIEVED
	HT Cable Laying	70.316 Km	70.316 Km
	LT Cable Laying	139.608 Km	139.608 Km
	FO Cable Laying	50 Km	50 Km
	Service Cable Laying	212.536 Km	212.536 Km
	1 Phase Meter Cable Laying	4610 Nos.	4610 Nos.
	3Phase Meter Cable Laying	714 Nos.	714 Nos.
	1 Phase Meter Connection	4610 Nos.	4610 Nos.
3Phase Meter Connection	714 Nos.	714 Nos.	

7.1.2 Prime Minister's National Relief Fund, (PMNRF): 50 Multipurpose Cyclone Shelter (MPCS) have been constructed under PMNRF sponsored by National Disaster Management Authority (NDMA), Govt. of India. These shelters are constructed in three coastal districts and the numbers of shelter constructed district wise given in the matrix. 50 Nos. of shelter have been handed over to the district authority.

Geographical Spread of MPCS under PMNRF		
SL. NO.	DISTRICTS	NO. OF CYCLONE SHELTER
01	North 24 Parganas	20
02	South 24 Parganas	15
03	Purba Medinipur	15
Total		50

7.1.3 Integrated Coastal Zone Management Project (ICZMP):

This is a World Bank assisted Project. Fund is placed by World Bank to Institute of Environmental Studies and Wet Land Management which manages the fund. Total fund sanctioned by the World Bank is Rs. 62 crore. The estimated value is Rs. 105.39 crore. The State Government agreed to provide the additional fund.

7.2. SMS based Early Warning System: This was developed through the IT Department for alerting the mobile users in the districts in the advent of

natural calamities like flood, tropical cyclone, tsunami, earthquake, etc. Early Warning SMS service for the government officials at State, district and block level are currently going on and for wider outreach to the community will be kicked off very shortly.

MPCS in South 24 Pargans District under ICZMP

SL. NO.	NAME OF THE BLOCK	NO. OF MPCS
01	Gosaba	7
02	Basanti	5
03	Namkhana	3
04	Pathar Pratima	5
05	Sagar	5
Total		25

7.3. Establishment of Lightning Detectors: The Department has established lightning detectors at different places of the State which would sense lightning in the surrounding areas and give warning well in advance about severe lightning in any area. This message is sent through SMS alerting common people and administration in advance.

7.4. Mobile App for Monitoring Multi Purpose Cyclone Shelters: An Enterprise GIS solution with a Mobile Data Collection System has been developed by WEBEL ECS where data collection from field level is being done through hand held smart devices. This application provides information on the 146 Multi Purpose Cyclone Shelters under NCRMP-II.

BUDGET FOR THE YEAR 2021-22

8.1. BUDGET (2021-22)

Budget provision During 2021-22: The Department of Disaster Management had a budget provision as mentioned in the following tables:

(Rs. In Thousands)

SL. NO.	PROJECTS/ SCHEMES	HEAD OF ACCOUNT	PUBLISHED BUDGET	NET GRANT	RELEASED BY ADMIN
1	2	3	4	5	6
1	DEPARTMENT OF DISASTER MANAGEMENT	STATE DEVELOPMENT SCHEME	2310000	2334604.96	174895.00
2		ADMINISTRATIVE EXPENDITURE	18760016	27570493.54	18306647.55
GRAND TOTAL :			21070016	29905098.5	18481542.55

Budget Provision and Fund Released

Head wise Classification of State Development Scheme Fund Released during 2021-22 under Demand No. 73

(Rs. In Thousands)

SL. NO.	MAJOR HEAD	SCHEMES / PROJECTS	PUBLISHED BUDGET	NET GRANT	RELEASED BY ADMIN
1	2	3	4	5	6
1	2235	Social Security & Welfare	12101.00	12101.00	0
2	2245	Relief on account of Natural Calamity	59789	88369.92	63929.43
3	4059	Capital Outlay on Public Works	1439100	1439237.27	44991.72
Total			1510990	1539708.19	108921.15

Head wise Classification of Administrative Expenditure Fund Released during 2021-22 under Demand No. 73

(Rs. In Thousands)

SL. NO.	MAJOR HEAD	SCHEMES / PROJECTS	PUBLISHED BUDGET	NET GRANT	RELEASED BY ADMIN
1	2059	Public Works	1800	2279.04	1948.60
2	2235	Social Security & Welfare	1736118	2063343.56	1465816.25
3	2245	Relief on account of Natural Calamity	16055366	24340780.26	15813549.11
4	2251	Secretariat Social Services	60977	69335.86	67584.16
Total			17854261	26475738.72	17348898.12

8.2. Information on Natural Disasters in respect of CRF/SDRF and NCCF/NDRF Account of the State:

DISASTER MANAGEMENT DEPARTMENT		
INFORMATION ON NATURAL DISASTERS IN RESPECT OF CRF/SDRF AND NCCF/NDRF ACCOUNT OF THE STATE		
		(RUPEES IN CRORE)
SL NO	PARTICULARS	2021-22
1	Opening balance in CRF/SDRF account (both CRF/SDRF & NCCF/NDRF as on 1st April of the respective financial year)	1692.61
2	Amount released to State Government by Govt. of India under CRF/SDRF during the year (Central Share)	1011.00
3	State's Share of CRF/SDRF during the year (State Share)	337
4	NCCF/NDRF released during the respective year, if any	350.13
5	Total amount available with State Government at the end of the financial year	3548.38
6	Expenditure reported (out of SDRF/NDRF) by State Govt. during the financial year	1537.56
7	Balance amount available with the State at the end of the respective financial year	2010.82

