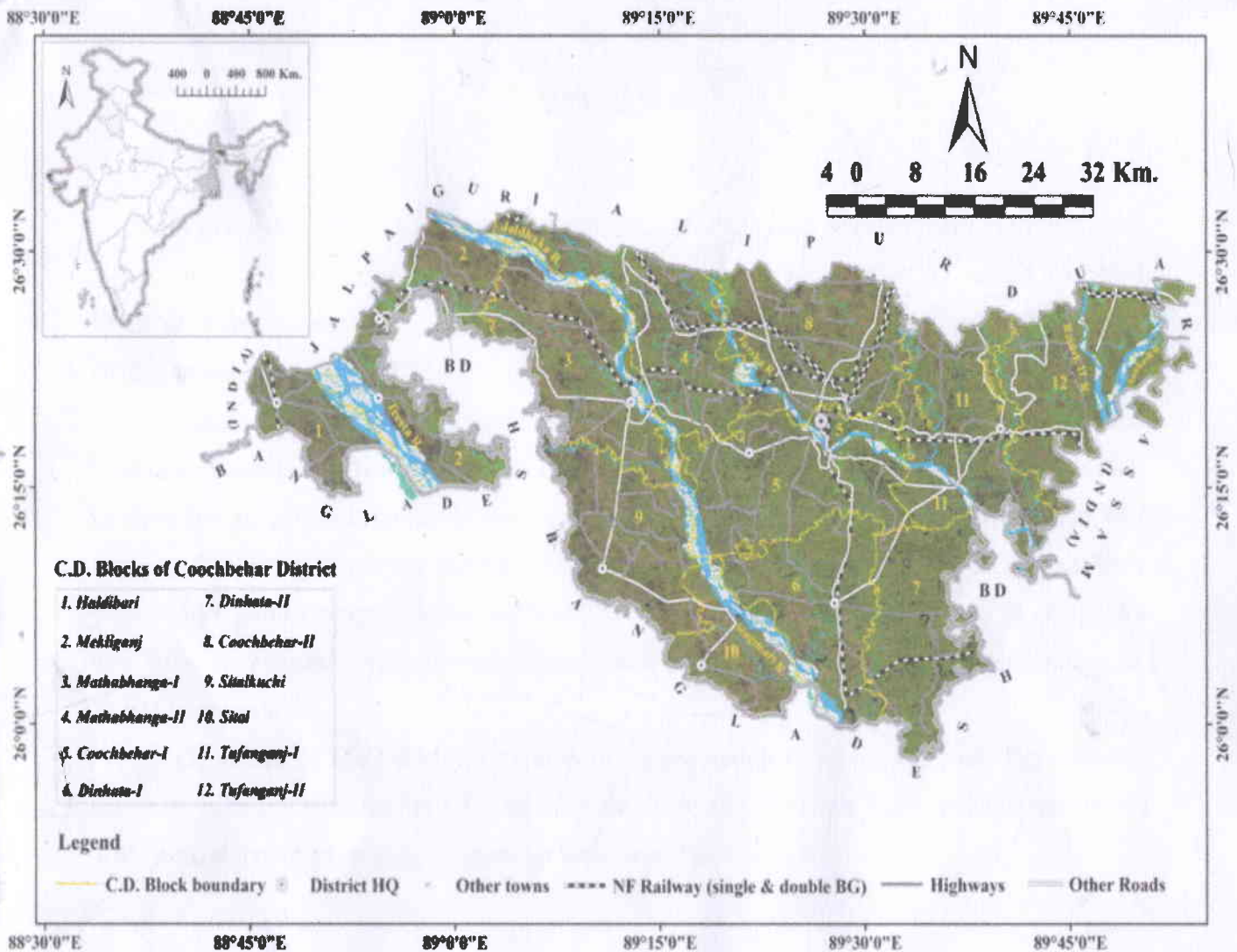


# DISTRICT DISASTER MANAGEMENT PLAN

## COOCH BEHAR DISTRICT

2023-24





**Government of West Bengal**  
**OFFICE OF THE DISTRICT MAGISTRATE, COOCH BEHAR**

**জেলাশাসকের কার্য, কোচবিহার, পশ্চিমবঙ্গ**

Sagar Dighi Complex, P.O.: Cooch Behar, Dist.: Cooch Behar, Pin: 736101, West Bengal

Phone : (03582) 227101 # Fax : (03582) 227000/225000 # e-mail : [dmcoochbehar@gmail.com](mailto:dmcoochbehar@gmail.com)

**FOREWORD**

It gives me great pleasure to present the District Disaster Management Plan of Cooch Behar District for the year 2023-24 which is prepared as per Section 31 of the National Disaster Management Act, 2005 and the guidelines issued by the National Disaster Management Authority (NDMA).

Cooch Behar District is located in Earthquake Seismic Zone V & IV and is also prone to various hazards like Nor'easters, Thunderstorms, Floods, etc. A Disaster Management Plan is therefore of prime importance for such a multi-hazard prone District. The DDMP will serve as a ready reckoner for District Administration and other stakeholders to take up both preparedness and response activities. The Plan deals with Hazard, Vulnerability, Capacity and Risk Assessment, Institutional Arrangements, Prevention and Mitigation Measures & Relief Measures.

On behalf of the DDMA, I express my appreciation to all the different Departments for their valuable contributions in the preparation of the Plan and hope that this document will be effective in managing disasters in the District as a whole.

  
District Magistrate, Cooch Behar  
&  
Chairperson, District Disaster Management Authority  
Cooch Behar

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## CHAPTER –1

### 1.01: DISASTER

“A **Disaster** is a sudden, calamitous event that causes serious disruption of the functioning of a community or a society involving widespread human material economic or environmental losses and impacts which exceeds the ability of the affected community or society to cope using its own resources.” ---- **UN International Strategy for Disaster Reduction, (UNISDR).**

### 1.02: DISASTER MANAGEMENT

The Red Cross and Red Crescent societies define Disaster Management as “the organisation and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies, in particular preparedness, response and recovery in order to lessen the impact of disasters.”

The United Nations defines Disaster Management as “the systematic process of using administrative directives, organizations, and operational skills and capacities to implement strategies, policies and improved coping capacities in order to lessen the adverse impacts of hazards and the possibility of disaster.”

















Against this back drop a plan has been prepared namely “**Cooch Behar District Disaster Management Plan 2023-24**”

### 1.03: OBJECTIVE :

- To assess the risks and vulnerabilities associated with various disasters;
- To develop appropriate disaster prevention and mitigation strategies;
- To formulate an inter-sectoral plan at the district level to mitigate disasters of different natures in a convergent manner.
- To minimize the disaster risk and vulnerability of people and infrastructure in the district
- To mainstream disaster management concerns into the developmental planning process.
- To define the roles and responsibilities of various stakeholders in disaster risk management & to ensure optimum co-ordination with all stakeholders related to disaster management viz line departments, Panchayat bodies, Army, BSF etc
- To build the capacity of all stakeholders in the district to cope with the disasters and promote community based disaster management.

### 1.04: Types of Disasters

<i>Common Natural Disasters</i>	<i>Man Made disasters</i>
---------------------------------	---------------------------

 <b>Flood</b>	 <b>Subsidence</b>
 <b>Cyclone</b>	 <b>Nuclear Disaster</b>
 <b>Earthquake</b>	 <b>Chemical Disaster</b>
 <b>Tsunami</b>	 <b>Biological Disaster</b>
 <b>Fire</b>	 <b>Radiological Disaster</b>
 <b>Lightning</b>	
 <b>Landslide</b>	
 <b>Heatwave</b>	
 <b>Hailstorm</b>	
 <b>Drought</b>	
 <b>Errossion</b>	

### 1.05: OVERVIEW OF THE DISTRICT:

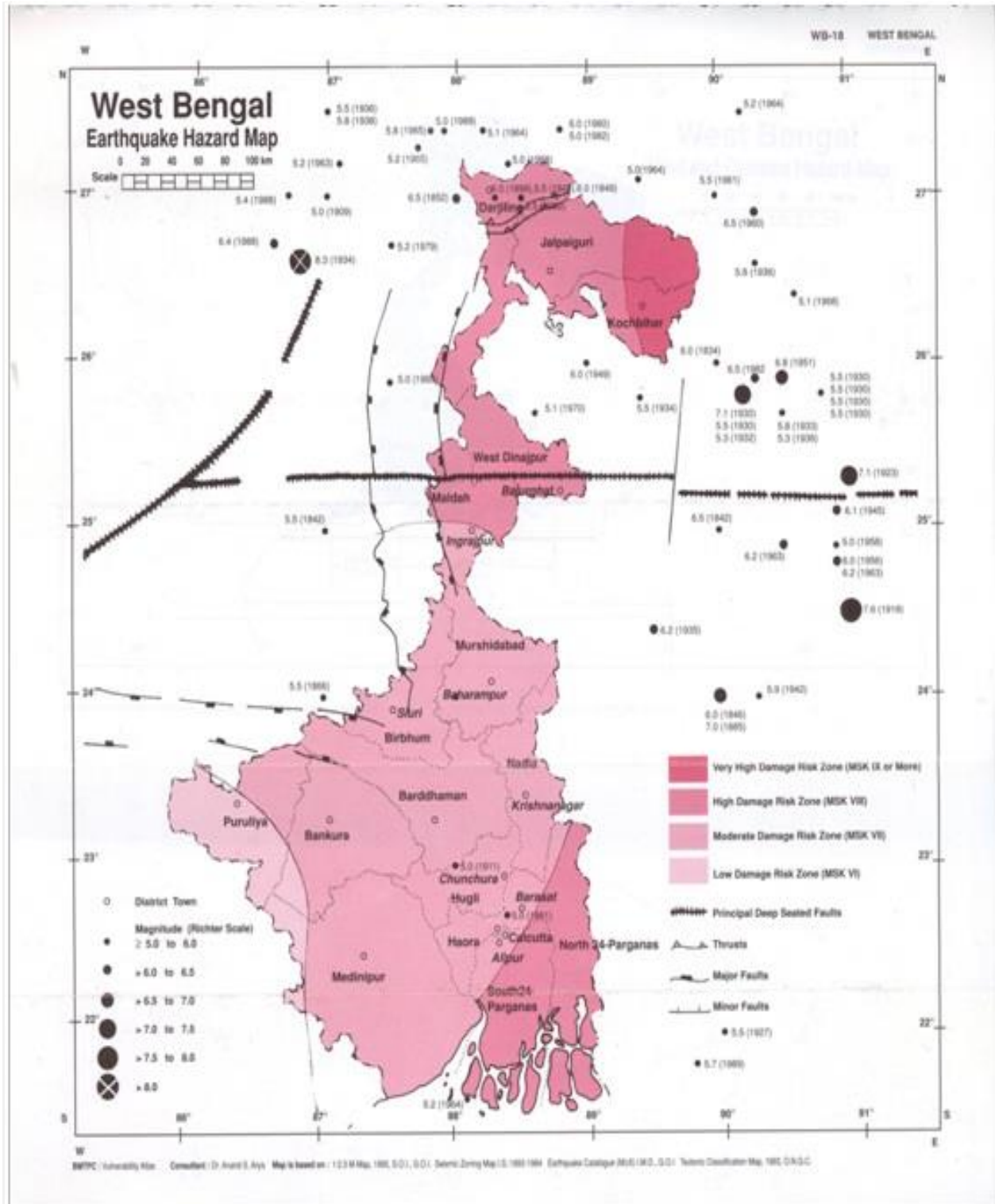
**Location:** Cooch Behar is the North Eastern district of the Jalpaiguri Division. Geographically it forms part of Himalayan Tarai Region of West Bengal.

Co-ordinates:-

North ( 26°29'33.61"N, 89°21'34.33"E)	South, (26° 0'38.16"N, 89°23'29.34"E)
East, (26°17'55.96"N, 88°45'52.57"E)	West, (26°19'9.91"N, 89°49'15.22"E)

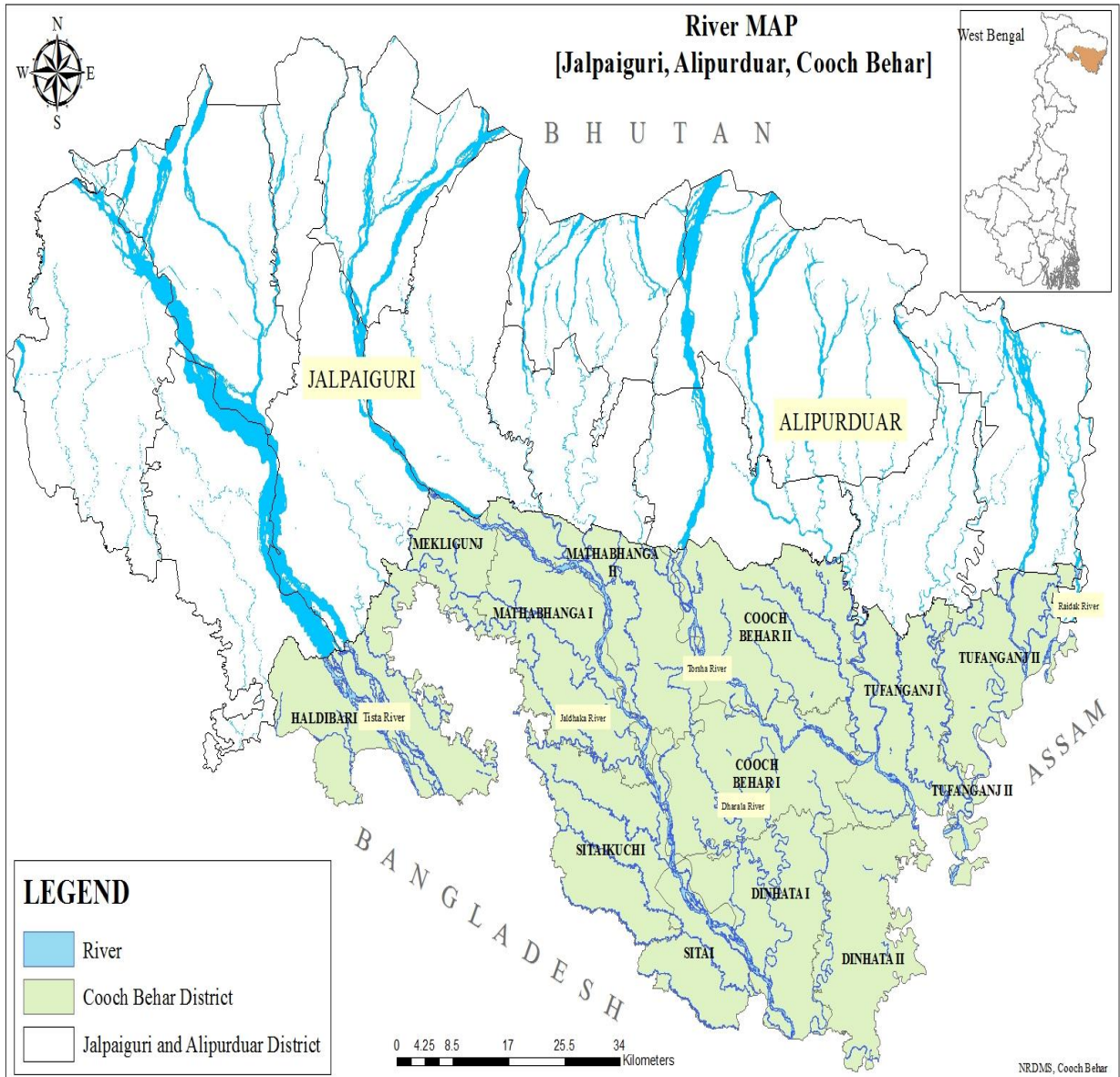
Area and Administrative Division:





Cooch Behar district falls within Zone IV, which is the High Damage Risk Seismic Zone & Zone V, which is the Highest Risk Seismic Zone. Eastern part of Cooch Behar is within Zone V.





### 1.06: District Profile

Area	3388.34 sq km																								
Latitude	25°57'47" & 26°36'20" North																								
Longitude	88°47'44" & 89°54'35" East																								
Bordering Countries/States	<p><b>Bangladesh in the south &amp; south west.</b></p> <p><b>District Alipurduar in the north.</b></p> <p><b>District Jalpaiguri in the west.</b></p> <p><b>State of Assam in the east.</b></p>																								
Major rivers	<p>The rivers flow in a slanting course from north-west to south-east. Six river systems cut through the district flowing in a south-easterly direction. From the west to east these are: - the Tista system, Jaldhaka system, Torsa, Kaljani, Raidak and Gadadhar system. Some notable rivers are :-</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>Dharla</td> <td>5</td> <td>Jaldhaka</td> <td>9</td> <td>Raidak -</td> </tr> <tr> <td>2</td> <td>Dudua</td> <td>6</td> <td>Kaljani</td> <td>10</td> <td>Sankosh</td> </tr> <tr> <td>3</td> <td>Gadadhar</td> <td>7</td> <td>Mansai</td> <td>11</td> <td>Teesta</td> </tr> <tr> <td>4</td> <td>Ghargharia</td> <td>8</td> <td>Raidak-I</td> <td>12</td> <td>Torsa</td> </tr> </table>	1	Dharla	5	Jaldhaka	9	Raidak -	2	Dudua	6	Kaljani	10	Sankosh	3	Gadadhar	7	Mansai	11	Teesta	4	Ghargharia	8	Raidak-I	12	Torsa
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3	Gadadhar	7	Mansai	11	Teesta																				
4	Ghargharia	8	Raidak-I	12	Torsa																				
No of Sub Divisions	5																								
No of Blocks	12																								
No of Police Stations	15 [ including 2 (two) women PS at Cooch Behar sadar & Dinhata]																								
Population	28,19,086 ( 2011 census) : West Bengal 9,13,47,736																								
Male population	14,51,542																								
Female population	13,67,544																								
Sex Ratio	942 females per 1,000 males (2011)																								
Population Density	832 km <sup>2</sup>																								
Rural Population	25,29,652																								
Urban Population	2,89,434																								
Decadal Growth Rate	14.05% (2001-2011)																								
SC	14,14,336																								
ST	18,125																								
Others/General	13,86,625																								
Total Households	6,65,720 (as per census 2011)																								
Percentage of Rural Population to total population	89.73																								

### 1.07: Administrative Units

Police Station	Block/ Municipality(M)	Panchayat Samity	Gram Panchayat	Gram Sansad	Mouzas (2001)	Inhabited Villages (2011)	Households (2011)	Municipality		Census Town (2011)*
								Nos.	Wards	
Cooch Behar (Kotwali)	Cooch Behar-I	1	15	208	144	142	76550	-	-	3
	Cooch Behar (M)	-	-	-	-	-	18431	1	20	-
Pundibari	Cooch Behar-II	1	13	220	115	111	80438	-	-	5
<b>Cooch Behar Sadar Sub Division:</b>		<b>2</b>	<b>28</b>	<b>428</b>	<b>259</b>	<b>253</b>	<b>175419</b>	<b>1</b>	<b>20</b>	<b>8</b>
Dinhata	Dinhata-I	1	16	204	130	128	67587	-	-	1
	Dinhata (M)	-	-	-	-	-	8739	1	16	-
Sahebganj	Dinhata-II	1	12	159	119	119	60896	-	-	-
Sitai	Sitai	1	5	71	53	53	26647	-	-	-
<b>Dinhata Sub Division:</b>		<b>3</b>	<b>33</b>	<b>434</b>	<b>302</b>	<b>300</b>	<b>163869</b>	<b>1</b>	<b>16</b>	<b>1</b>
Mathabhanga	Mathabhanga-I	1	10	137	102	101	49786	-	-	-
	Mathabhanga (M)	-	-	-	-	-	5792	1	12	-
Ghoksadanga	Mathabhanga-II	1	10	135	93	92	50902	-	-	-
Sitalkuchi	Sitalkuchi	1	8	137	70	67	42587	-	-	-
<b>Mathabhanga Sub Division:</b>		<b>3</b>	<b>28</b>	<b>409</b>	<b>265</b>	<b>260</b>	<b>149067</b>	<b>1</b>	<b>12</b>	<b>-</b>
Mekhliganj (P) & Kuchlibari	Mekhliganj(part)	1	8	95	187	137	37142	-	-	1
Mekhliganj (P)	Mekhliganj (M)	-	-	-	-	-	2249	1	9	-
Haldibari	Haldibari	1	6	63	62	57	24238	-	-	-
	Haldibari (M)	-	-	-	-	-	3405	1	11	-
<b>Mekhliganj Sub division:</b>		<b>2</b>	<b>14</b>	<b>158</b>	<b>249</b>	<b>194</b>	<b>67034</b>	<b>2</b>	<b>20</b>	<b>1</b>
Tufanganj	Tufanganj-I	1	14	161	73	72	60433	-	-	1
	Tufanganj (M)	-	-	-	-	-	5171	1	12	-
Baxirhat	Tufanganj-II	1	11	124	54	53	44727	-	-	1
<b>Tufanganj Sub Division:</b>		<b>2</b>	<b>25</b>	<b>285</b>	<b>127</b>	<b>125</b>	<b>110331</b>	<b>1</b>	<b>12</b>	<b>2</b>
13	Block 12 Municipality 6	12	<b>128</b>	<b>1714</b>	<b>1202</b>	<b>1132</b>	<b>665720</b>	<b>6</b>	<b>80</b>	<b>12</b>

**1.08: Demographic Details**

Sub-Division/ Dev. Block/Municipality(M)	Area (in sq. Km.) (2001)	Population (in number)			Density of Population (per sq. Km.)	Percentage of Population to district population
		Rural	Urban/ Census Town (CT*)	Total		
Cooch Behar-I Block	361.17	2,93,267	33,291**	3,26,558	904	11.58
Cooch Behar (M)	8.29	-	77,935	77,935	9,401	2.76
Cooch Behar-II Block	385.38	2,89,917	53,984**	3,43,901	892	12.20
<b>Cooch Behar Sadar Sub-Division</b>	<b>754.84</b>	<b>5,83,184</b>	<b>1,65,210***</b>	<b>7,48,394</b>	<b>991</b>	<b>26.54</b>
Dinhata-I Block	279.67	2,81,890	4,379**	2,86,269	1,024	10.16
Dinhata (M)	4.55	-	36,124	36,124	7,939	1.28
Dinhata-II Block	246.98	2,44,066	-	2,44,066	988	8.66
Sitai Block	160.82	1,10,333	-	1,10,333	686	3.91
<b>Dinhata Sub-Division</b>	<b>692.02</b>	<b>6,36,289</b>	<b>40,503</b>	<b>6,76,792</b>	<b>978</b>	<b>24.01</b>
Mathabhanga-I Block	319.39	2,18,191	-	2,18,191	683	7.74
Mathabhanga (M)	3.37	-	23,890	23,890	7,089	0.85
Mathabhanga-II Block	309.99	2,27,397	-	2,27,397	734	8.07
Sitalkuchi Block	262.51	1,85,353	-	1,85,353	706	6.57
<b>Mathabhanga Sub-Division</b>	<b>895.26</b>	<b>6,30,941</b>	<b>23,890</b>	<b>6,54,831</b>	<b>731</b>	<b>23.23</b>
Mekhliganj Block	302.07	1,50,767	4,483**	1,55,250	514	5.51
Mekhliganj (M)	3.88	-	9,127	9,127	2,352	0.32
Haldibari Block	152.38	1,03,969	-	1,03,969	682	3.69
Haldibari (M)	1.45	-	14,404	14,404	9,934	0.51
<b>Mekhliganj Sub-Division</b>	<b>459.78</b>	<b>2,54,736</b>	<b>28,014</b>	<b>2,82,750</b>	<b>615</b>	<b>10.03</b>
Tufanganj-I Block	317.00	2,43,256	5,339**	2,48,595	784	8.82
Tufanganj (M)	3.75	-	20,998	20,998	5,599	0.74
Tufanganj-II Block	265.69	1,81,246	5,480**	1,86,726	703	6.62
<b>Tufanganj Sub-Division</b>	<b>586.44</b>	<b>4,24,502</b>	<b>31,817</b>	<b>4,56,319</b>	<b>778</b>	<b>16.19</b>
<b>District Total for 2011 :</b>	<b>3388.34</b>	<b>25,29,652</b>	<b>2,89,434</b>	<b>28,19,086</b>	<b>832</b>	<b>100.00</b>
Note : CT* implies the Census Town treated as Urban Area though falling within Development Block. <i>Source :</i> ** implies urban population of the Census Town falling within the Block. <i>Census of India,</i> *** implies urban population of Municipality Area plus Census Town within the Sub-Division. <i>2011</i>						

**1.09: Distribution of Population by Sex (as per Census, 2011)**

Sub-Division/ Dev. Block/Municipality(M)	Total Population		
	Male	Female	Total
Cooch Behar-I Block	1,68,185	1,58,373	3,26,558
Cooch Behar (M)	39,014	38,921	77,935
Cooch Behar-II Block	1,79,591	1,64,310	3,43,901
<b>Cooch Behar Sadar Sub-Division</b>	<b>3,86,790</b>	<b>3,61,604</b>	<b>7,48,394</b>
Dinhata-I Block	1,47,602	1,38,667	2,86,269
Dinhata (M)	18,344	17,780	36,124
Dinhata-II Block	1,26,663	1,17,403	2,44,066
Sitai Block	56,016	54,317	1,10,333
<b>Dinhata Sub-Division</b>	<b>3,48,625</b>	<b>3,28,167</b>	<b>6,76,792</b>
Mathabhanga-I Block	1,12,497	1,05,694	2,18,191
Mathabhanga (M)	12,059	11,831	23,890
Mathabhanga-II Block	1,17,100	1,10,297	2,27,397
Sitalkuchi Block	94,277	91,076	1,85,353
<b>Mathabhanga Sub-Division</b>	<b>3,35,933</b>	<b>3,18,898</b>	<b>6,54,831</b>
Mekhliganj Block	80,052	75,198	1,55,250
Mekhliganj (M)	4,664	4,463	9,127
Haldibari Block	52,851	51,118	1,03,969
Haldibari (M)	7,306	7,098	14,404
<b>Mekhliganj Sub-Division</b>	<b>1,44,873</b>	<b>1,37,877</b>	<b>2,82,750</b>
Tufanganj-I Block	1,28,415	1,20,180	2,48,595
Tufanganj (M)	10,684	10,314	20,998
Tufanganj-II Block	96,222	90,504	1,86,726
<b>Tufanganj Sub-Division</b>	<b>2,35,321</b>	<b>2,20,998</b>	<b>4,56,319</b>
<b>DISTRICT TOTAL :</b>	<b>14,51,542</b>	<b>13,67,544</b>	<b>28,19,086</b>

**1.10: Caste-wise Distribution of Population (as per Census, 2011)**

Sub-Division/ Dev. Block/Municipality(M)	(in number)											
	Scheduled Caste (SC)			Scheduled Tribe (ST)			Others / General			Grand Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
<b>Cooch Behar Sadar Sub-Division</b>	<b>1,52,675</b>	<b>1,42,372</b>	<b>2,95,047</b>	<b>2,804</b>	<b>2,258</b>	<b>5,062</b>	<b>2,31,311</b>	<b>2,16,974</b>	<b>4,48,285</b>	<b>3,86,790</b>	<b>3,61,604</b>	<b>7,48,394</b>
Cooch Behar-I Block	67,239	62,634	1,29,873	655	570	1,225	1,00,291	95,169	1,95,460	1,68,185	1,58,373	3,26,558
Cooch Behar (M)	5,260	5,258	10,518	219	189	408	33,535	33,474	67,009	39,014	38,921	77,935
Cooch Behar-II Block	80,176	74,480	1,54,656	1,930	1,499	3,429	97,485	88,331	1,85,816	1,79,591	1,64,310	3,43,901
<b>Dinhata Sub-Division</b>	<b>1,60,488</b>	<b>1,50,408</b>	<b>3,10,896</b>	<b>1,358</b>	<b>1,367</b>	<b>2,725</b>	<b>1,86,779</b>	<b>1,76,392</b>	<b>3,63,171</b>	<b>3,48,625</b>	<b>3,28,167</b>	<b>6,76,792</b>
Dinhata-I Block	64,992	60,881	1,25,873	593	578	1,171	82,017	77,208	1,59,225	1,47,602	1,38,667	2,86,269
Dinhata (M)	2,659	2,581	5,240	52	50	102	15,633	15,149	30,782	18,344	17,780	36,124
Dinhata-II Block	55,811	51,048	1,06,859	614	623	1,237	70,238	65,732	1,35,970	1,26,663	1,17,403	2,44,066
Sitai Block	37,026	35,898	72,924	99	116	215	18,891	18,303	37,194	56,016	54,317	1,10,333
<b>Mathabhanga Sub-Division</b>	<b>2,07,488</b>	<b>1,96,908</b>	<b>4,04,396</b>	<b>1,688</b>	<b>1,745</b>	<b>3,433</b>	<b>1,26,757</b>	<b>1,20,245</b>	<b>2,47,002</b>	<b>3,35,933</b>	<b>3,18,898</b>	<b>6,54,831</b>
Mathabhanga-I Block	77,333	72,723	1,50,056	64	76	140	35,100	32,895	67,995	1,12,497	1,05,694	2,18,191
Mathabhanga (M)	2,909	2,799	5,708	31	29	60	9,119	9,003	18,122	12,059	1,1831	23,890
Mathabhanga-II Block	75,928	71,695	1,47,623	1,471	1,503	2,974	39,701	37,099	76,800	1,17,100	1,10,297	2,27,397
Sitalkuchi Block	51,318	49,691	1,01,009	122	137	259	42,837	41,248	84,085	94,277	91,076	1,85,353
<b>Mekhliganj Sub-Division</b>	<b>94,496</b>	<b>89,287</b>	<b>1,83,783</b>	<b>1,299</b>	<b>1,176</b>	<b>2,475</b>	<b>49,078</b>	<b>47,414</b>	<b>96,492</b>	<b>1,44,873</b>	<b>1,37,877</b>	<b>2,82,750</b>
Mekhliganj Block	57,113	53,482	1,10,595	1,006	912	1,918	21,933	20,804	42,737	80,052	75,198	1,55,250
Mekhliganj (M)	2,290	2,180	4,470	54	55	109	2,320	2,228	4,548	4,664	4,463	9,127
Haldibari Block	32,515	31,094	63,609	164	149	313	20,172	19,875	40,047	52,851	51,118	1,03,969
Haldibari (M)	2,578	2,531	5,109	75	60	135	4,653	4,507	9,160	7,306	7,098	14,404
<b>Tufanganj Sub-Division</b>	<b>1,13,359</b>	<b>1,06,855</b>	<b>2,20,214</b>	<b>2,239</b>	<b>2,191</b>	<b>4,430</b>	<b>1,19,723</b>	<b>1,11,952</b>	<b>2,31,675</b>	<b>2,35,321</b>	<b>2,20,998</b>	<b>4,56,319</b>
Tufanganj-I Block	59,290	55,710	1,15,000	208	170	378	68,917	64,300	1,33,217	1,28,415	1,20,180	2,48,595
Tufanganj (M)	2,410	2,426	4,836	37	49	86	8,237	7,839	16,076	10,684	10,314	20,998
Tufanganj-II Block	51,659	48,719	1,00,378	1,994	1,972	3,966	42,569	39,813	82,382	96,222	90,504	1,86,726
<b>Total for Rural Areas :</b>	<b>6,96,254</b>	<b>6,54,403</b>	<b>1,350,657</b>	<b>8,735</b>	<b>8,137</b>	<b>16,872</b>	<b>5,99,927</b>	<b>5,62,196</b>	<b>11,62,123</b>	<b>13,04,916</b>	<b>12,24,736</b>	<b>25,29,652</b>
<b>Total for Urban Areas :</b>	<b>32,252</b>	<b>31,427</b>	<b>63,679</b>	<b>653</b>	<b>600</b>	<b>1,253</b>	<b>1,13,721</b>	<b>1,10,781</b>	<b>2,24,502</b>	<b>1,46,626</b>	<b>1,42,808</b>	<b>2,89,434</b>
<b>District Total :</b>	<b>7,28,506</b>	<b>6,85,830</b>	<b>14,14,336</b>	<b>9,388</b>	<b>8,737</b>	<b>18,125</b>	<b>7,13,648</b>	<b>6,72,977</b>	<b>13,86,625</b>	<b>14,51,542</b>	<b>13,67,544</b>	<b>28,19,086</b>

**1.11: Distribution of Population by Age-Groups (as per Census, 2011)**

Age Group (Years)	Male		Female		Total	
	Numbers	Percentage	Numbers	Percentage	Numbers	Percentage
0 to 4	122985	8.47	116673	8.53	<b>2,39,658</b>	8.50
5 to 9	136137	9.38	129375	9.46	<b>2,65,512</b>	9.42
10 to 14	152091	10.48	146952	10.75	<b>2,99,043</b>	10.61
15 to 19	155156	10.69	140768	10.29	<b>2,95,924</b>	10.50
20 to 24	145285	10.01	135526	9.91	<b>2,80,811</b>	9.96
25 to 29	126075	8.69	116297	8.50	<b>2,42,372</b>	8.60
30 to 34	94876	6.54	91422	6.69	<b>1,86,298</b>	6.61
35 to 39	101156	6.97	102710	7.51	<b>2,03,866</b>	7.23
40 to 44	97663	6.73	96984	7.09	<b>1,94,647</b>	6.90
45 to 49	82956	5.71	76879	5.62	<b>1,59,835</b>	5.67
50 to 54	74615	5.14	61146	4.47	<b>1,35,761</b>	4.82
55 to 59	52746	3.63	43992	3.22	<b>96,738</b>	3.43
60 to 64	41846	2.88	38868	2.84	<b>80,714</b>	2.86
65 to 69	27319	1.88	27293	2.00	<b>54,612</b>	1.94
70 to 74	17535	1.21	18334	1.34	<b>35,869</b>	1.27
75 to 79	9985	0.69	10359	0.76	<b>20,344</b>	0.72
80+	11773	0.81	12950	0.95	<b>24,723</b>	0.88
Age not stated	1343	0.09	1016	0.07	<b>2,359</b>	0.08
<b>All Ages :</b>	<b>14,51,542</b>	<b>100.00</b>	<b>13,67,544</b>	<b>100.00</b>	<b>28,19,086</b>	<b>100.00</b>

**1.12 TYPE OF WORKERS AS PER CENSUS 2011:**

Sl. No	Type of Workers							
	Main Worker		Cultivators		Agricultural		Others	
	M	F	M	F	M	F	M	F
	6,39,791	1,14,520	2,59,277	30,577	1,46,740	41,660	2,33,098	42,215

**1.13: Disabled Persons by Type & by Sex in Cooch Behar, as per Census 2011**

Type of Disability	Rural			Urban			District Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
In Seeing	5419	4740	10159	587	497	1084	6006	5237	11243
In Speech	1899	1607	3506	259	213	472	2158	1820	3978
In Hearing	4846	4668	9514	425	397	822	5271	5065	10336
In Movement	4870	2742	7612	520	282	802	5390	3024	8414
Mental Illness	1075	786	1861	164	112	276	1239	898	2137
Mental Retardation	1601	1128	2729	180	139	319	1781	1267	3048
Other Disability	6203	4704	10907	603	446	1049	6806	5150	11956
Multiple Disability	2952	2324	5276	249	194	443	3201	2518	5719
<b>Total :</b>	<b>28865</b>	<b>22699</b>	<b>51564</b>	<b>2987</b>	<b>2280</b>	<b>5267</b>	<b>31852</b>	<b>24979</b>	<b>56831</b>

All figures as per Census 2011

## CHAPTER 2:

### HAZARD, VULNERABILITY, CAPACITY AND RISK ASSESSMENT

#### 2.1: HISTORY OF DISASTER AND PROBABILITY OF DISASTER EPISODES IN THE DISTRICT

Type of Hazard	Year of Occurrence	Area affected	Impact on Life	Live stock
Flash Flood	1993	60%	40%	90000 (aprox.)
Flash Flood	2006	30%	20%	30000 (aprox.)
Flash Flood	2007	25%	10%	15000 (aprox.)
Flash Flood	2008	45%	30%	50000 (aprox.)
Flash Flood	2009	20%	15%	10000 (aprox.)
Flash Flood	2010	35%	20%	20000 (aprox.)
Flash Flood	2017	50%	30%	30000 (aprox.)
Flash Flood	2019	15%	5%	20000 (aprox.)
Flash Flood	2020	20%	20%	30000 (aprox.)

#### 2.2: SEASONALITY OF HAZARD :

Type of Hazards	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Cyclone				√	√	√	√	√	√			
Flood						√	√	√	√	√		
Drought												
Earthquake	√	√	√	√	√	√	√	√	√	√	√	√
Sunstroke												
Fire	√	√	√	√	√	√	√	√	√	√	√	√
Chemical Accidents	√	√	√	√	√	√	√	√	√	√	√	√
Boat capsize					√	√	√	√	√			
Epidemic	√	√	√	√	√	√	√	√	√	√	√	√
Accident	√	√	√	√	√	√	√	√	√	√	√	√
Lightening				√	√	√	√	√	√			



### 2.3 RISK ASSESSMENT

<b>Type of Hazards</b>	<b>Time of Occurrence</b>	<b>Potential Impact</b>	<b>Vulnerable areas</b>
<b>Cyclone</b>	April - June	Loss of lives, animal, crop income, livelihood, infrastructures	All 5 Sub Divisions
<b>Flood</b>	June - September	Loss of lives, animal, crop income, livelihood, infrastructures, displacement	All 5 Sub Divisions
<b>Drought</b>			
<b>Earthquake</b>	Any Time	Loss of lives, animal, crop income, livelihood, infrastructures, displacement	All 5 Sub Divisions
<b>Fire</b>	Any Time	Loss of lives, animal, crop income, livelihood, infrastructures, displacement	All 5 Sub Divisions
<b>Chemical Accidents</b>	Any Time	Loss of lives, income, livelihood, infrastructures,	Cooch Behar-II Block
<b>Boat capsizes</b>	May - September	Loss of lives and property	All 5 Sub Divisions
<b>Epidemic</b>	Any Time	Loss of lives and property	All 5 Sub Divisions
<b>Accident</b>	Any Time	Loss of lives and property	All 5 Sub Divisions
<b>Lightning</b>	April - September	Loss of lives, animal	All 5 Sub Divisions

### 2.4 VULNERABILITY ANALYSES:

#### Major Rivers in the Cooch Behar District and Block likely to be affected by Flood.

Major Rivers in the Cooch Behar District	Block likely to be effected by Flood.
Teesta	Mekliganj and Haldibari
Jaldhaka / Mansai	Mathabhanga-I / II, Dinhat-I and Sitai
Torsa	Cooch Behar-I / II
Kaljani	Cooch Behar-I / II , Tufanganj-I & Dinhat-II
Raidak-I	Tufanganj-I
Raidak-II	Tufanganj-II
Sankosh	Tufanganj-II

#### INFORMATION ABOUT FLOOD PRONE AREAS:

Name of the river	R/B or L/B	Name G.P.& ward	Name of the Flood Prone area mouzes	Total no. of house hold likely to be affected	Distance from Block HQ
1	2	3	4	5	6
<b>COOCH BEHAR –I DEV. BLOCK</b>					
Cooch Behar-1 Dev.Block Torsha	R/B	Moamari	Chhoto Atharokota/,Barovita/ Athorokota/ Barovita/Digalhati Mayanaguri	230/ 210/ 150/ 125	16 K.M.
Cooch Behar-1 Dev.Block.Mansai	L/B	Falimari	Dewanbosh	165	12 K.M.
Cooch Behar-1 Dev.Block.Mansai	L/B	Chandamari	Bairati/Jagarjuli/Jagarjhuli/Kathalbari/Hastobhut Kasaldanga/Chhat Elajan	150/135/ 135/ 65 / 50 /70	22 K M
Cooch Behar-1 Dev.Block.MR/Bansai	L/B	Putimari Fuleswari	Shibpur/Kharija Naldhandra/Baro Naldhandra/Hardeb/Chhadarjhar/Putimari Fuleswari	90/75/150 /125/145/ 120	25 K.M.
Cooch Behar-1 Dev.Block. Torsha	R/B	Suktabari	Kalabarighat/Malerjhar/D.K. Dewanbosh/ Veladanga	200/69 155/45	8 K.M.
Cooch Behar-1 Dev.Block. Torsha	R/B	Ghughumari	Ghughumari Char/Bander Sahebbari	150/50	5 K.M.
Cooch Behar-1 Dev.Block.Torsha	-	Guriahati-I	Lankabar/ Guriahati	185/80	13 K.M./ 5Km
Cooch Behar-1 Dev.Block.Torsha	L/B	Guriahati-II	Harin Chowra/ Gudam Maharani Ganj	150/ 85	9 K.M.
Cooch Behar-1 Dev.Block.Torsha	L/B	Dawaguri	Ghargharia/Ambari Bhojonpur/ Jhinaidanga/Dawaguri	165/160/ 75/ 85	18 K.M.
Cooch Behar-1 Dev.Block.Torsha	L/B	Panisala	Panisala part/ Goramara /Bojanpur/ Dhaierhat/Katnatipara	50/ 15/ 78/ 75/170	4 K.M.

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Cooch Behar-1 Dev .Block Hausherdera	Middle	Haribhanga	Simulguri/ Kursamari/ Dayalerchara/ Pusnardanga/ Jongra/ Haribhanga/ Sealdaha/ Atharonala	300 /350/ 500/ 500/ 150/ 300/ 200/200	12 Km.
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<b>COOCH BEHAR – II DEV. BLOCK</b>					
Name of River	Name of GP	Right Bank/ left Bank	Name of Flood prone area/Mouza	Total no. of houses likely to be affected	Distance from Block HQ
TORSA	Patlakhawa	Right bank	Chhat Singimari/ Putimari Boxirbash/ Singimari Pachunirpar	200/250/250	14 KM/ 24km/ 12km
TORSA	Madhupur	Right bank Left bank	Kalpani / Ichhamari/ Hokakura/ Boldihati/ Shalmara/ Kamranga guri/Kawalipara/ (Kathalbari /Haripur /Aratguri)	250/125/100/ 150/ 200/50/50/35 0	12/12 /12 /13/ 09 /09/08/04 KM
TORSA	T- Rajarhat	Right bank/ Left bank	Matiguri/Damodarpar/Karishal	200/50/150	06 /07 /05 KM
KALJANI	Ambari	Left bank	Dhareyerhat	200	19 KM
TORSA	Pundibari	Left bank/ Right bank	Sajerpar Ghoramara/ Bashdaha-natibari/ Kalarayerkuthi	40/50/50	06 /05 /05 KM
KALJANI/ Ghargharia	Khapaidanga	Left bank	Kurerpar/ Soultukni/ Chowdanga/ Ghearhari	50/ 40/250	14 /13 /13 KM

<b>TUFANGANJ - I DEV. BLOCK</b>				
Name of river	Name of the G.P	Name of Flood prone area/Mouza	Population likely to be affected	Distance from Block HQ
Raidak-I	Dhalpal-I	Dhalpal(E)/ Shapara/ Shikdarerkhata Uttar Dhalpal Bazar Kolony	1050/900/850	6/16/16 km
Kaljani Gadadhar	Natabari-I	West Panishala / Bhuchungmari / Dhorguri / Dwarikamari / Bosepara Kutibari	500/800/500/6 75/2000	17/16/15/14 km
Raidak-I Gadadhar	Nakkatigachh	Kamat fulbari (Char) / Chamta North K.bari /Dwiparpar /West Dhadial	1200/900/120 0/ 500	01/01/05 km
Kaljani Torsha Ghargharia	Maruganj	Bhelakopa-I/Chhatowa/ Bhelakopa-2/ Ayrani Chitalia /Solardanga	4000/2500/60 0 /2000/ 200	12/14/10/14/1 1 km
Gadadhar Raidak-I	Dhalpal-II	Khasbos(Entire Mouza) /Bilsil /Chhat Chilakhana-I / Guriarpar	475/325/240/1 75	13/10/5/5 km
Gadadhar Kaljani	Natabari-II	Jaigir Chilakhana / Bhelapeta/ Bajejama Chilakhana	2300/1600 / 100	14/10/08 km
Raidak-I Gadadhar Kaljani	Balabhut	Char Jhaoukuthi / Char Balabhut / South Balabhut(Char) / Nayar Char /	550/4075/300/ 200	35/21/22/25 km

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Torsha Ghargharia				
Kaljani Gaddhar	Chilakhana-I	Chhat Bhelakopa / Amlaguri / Moyamari/ Jaigir Chilakhana / Chilakhana bazar	50/200/300/90 0/ 100	10/14/10/10 km
Raidak-I	A.Fulbari-I	Kutibari	860	5 km
Raidak-I	A.Fulbari-II	Bilsi	60	10 km
Gadadhar	Chilakhana-II	Ghogarkuthi(N)/ Ghogarkuthi(S) / Nowkhuli	1140/ 1700/ 1100	06/08 km
Kaljani Gadadhar	Deocharai	Chowkushi Balarampur /Deocharai / Santoshpur /Jhaljhali/ Boxirkuthi/ Bhairabertari/ Krishnapur	5000/7000/25 00/ 20001000/500 / 700	10/8/8/10/7/9/ 12 km
Torshsa Kaljani Ghargharia	Balarampur-I	Arapur /Sorearpar /Char Soladanga / Totsarkuthi/ N.Chhechura / Chowkushi Balarampur	2000/650/140 0/ 2550/1500	11/15/11/08
Torsa Kaljani Ghargharia	Balarampur-II	Sorearpar / Shouldhukri / Daspara / Seoraguri/Taltala	1900/1450/16 00/ 950	15/10/10/10 km

<b>TUFANGANJ-II DEVELOPMENT BLOCK</b>				
<b>Name of the River</b>	<b>Name of G.P.</b>	<b>Name of the Flood Prone Area / Mouzas</b>	<b>Total no. of house hold likely to be affected</b>	<b>Distance from Block HQ / Sub Divisional HQ</b>
Raidak-II & Sankosh	Rampur-I	Nazirhat Deutikhata/ Uttar Rampur/ Madhya Rampur/ Paschim Rampur/ Chhat Valka/ Naothowa	2645/910/567/ 457/2675/ 1500	35
Raidak-II & Sankosh	Rampur-II	Jaldhwa/Khagribari/ Madhurbhasa Ghokso North Part/ Garbhanga/ Singimari (Part 7)/ Rampur (Part) Singimari/ Dakshin Rampur/ Dhorarkuthi	4125/1386/813/ 1365/1452/2200 / 2500/1907/1954 / 542	40
Raidak-II & Sankosh	Falimari	Falimari/Takulya Colony/Barnikata/ Khunipara/Madhyachar/ Pora Colony/Chikantala/Bhubonerchar/ Pachani para/Chhat Falimari/ Purba Falimari	9376	52
Raidak-II & Sankosh	Mahishkuchi-I	Ghonapara/Gedarchar/Fersabari (Purba)/ Ghokso Part/ Jaldhwa Part Kathalguri/Mahishkuchi Part	500/2212/546/ 645/2020/2500/ 4453	12
Raidak-II & Sankosh	Mahishkuchi-II	Takoamari/Paglirkuthi/ Jaldhwa Part/Rasikbeel/Bakla/ Atiamochar/ Taterkuthi	2130/765/657/ 2145/1654/546/ 654	15
Raidak-I & Taraganj	Barokodali-I	Harirpur Part/Bhandijelash Part/ Langalgram/ Boalimohan 2 <sup>nd</sup> Part/ Jhingapuni/ Barokodali part/ Mechkoka	1654/1876/1235 / 376/1134/2236 376	15
Raidak-I & Taraganj	Barokodali-II	Debagram/ Mansai/ Dhanmatia/ Sourkhata Begarkhata/ Boalimohan/ Bhareya	1654/ 2534/1252/ 3123/1654/150/ 2143	25
Raidak-II & Gangadhar	Bhanukumari-I	Chhotolowkuthi/Chhit Borolowkuthi Bhanukumari char/ Bhanukumari Uttar O Purbo	2745/3354/3425 / 3575	35

Raidak-I	Bhanukumari-II	Balakuthi Part/Chhat Bhareya/ Nakarkhana part/ Dhaldabri Part/ Shilghagri/ Jhowkuthi/ Mantani	645/657/576/65 7/ 987/557/1234	10
Raidak-I	Salbari-I	1. Bansraja 1 <sup>st</sup> Part/ Bansraja 2 <sup>nd</sup> Part/ Paschim Salbari/ Salbari/ Chengtimari/ Dorko	3236/3000/567/ 1325/2500/567	15
Raidak-I & Taraganj	Salbari-II	Baro Salbari/ Birodhirpar/ Bajrapur/ Turkanirkuthi	3210/3198/912/ 987	

MATHABHANGA – I DEV. BLOCK					
Name of the River	Right Bank/ Left Bank	Name of G.P.	Name of the Flood Prone Area / Mouzas	Total no. of house hold likely to be affected	Distance from Block HQ / Sub Divisional HQ
Mathabhanga Municipality Mansai & Sutunga	L/B R/B	Municipality area	Ward No,3,5,7,9,10,11,12	1500	Half KM
Mansai & Sutunga Dharlla/ nenda	L/B, R/B Both L/B & R/B	Kedarhat G.P	Indrekuthi/Rangapani Balashi/ Nityanandi / Magurmari / Kanchai Chawa5/Jore Shimuli /Giladanga	2000	Averse 8 KM from Block
Sutunga upanirpar	L/B R/B	Gopalpur G.P	Upanirpar / Bhogmari / .Chhat dhandhunia	340	Averse 10 KM from Block
Sutunga	R/B	Nayarhat G.P	Shimulguri / Debottar panigram /Chongerkhata / Putimari /uttar daibhangi / Chhot pakhihaga	1670	Averse 10-12 KM from Block
Mansai	L/B	Hazrahat -I	Mahimerkuthi / Balashi / Uttar Daibfiangi / Chhot pakhihaga	1600	Averse 10-12 KM from Block
Sutunga	RB	Bairagirhat G.P	Duaisuai / Chenakata / Kuktikata /tetu(erchhara /satgachhi	600	Averse 10 KMfrom Block
Mansai & Sutunga	L/B R/B	Pachagarh G.I'	Chhat Khaterbari/ V.V. Manabari/ Baishguri/ Tekunia/ Pachagarh	1500	With in 8 KM from Block
Dharlla & Nenda	L/B R/B	Shikarpur G.P	Nalangibari/ B.G.Kuta / Gadagaler kuthi/ Boro Dula	1000	With in 10 km from lock
Dharlla & Nenda	L/B R/B	Kurshamari G.P.	Baro Khalishamari/ Mahishcharu/ Abash Ratanpur/Daluarper	1250	With in 10 km from Block

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Dharlla & Mansai	L/B R/B	Jorepatki G.I.	Shibpur/ Panaguri/ Nenderpar/ Chandamari/ Jorepatki/ Bochagari/ Bhurkuldanga	2500	With in 10- 20Mfrom Block
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**MATHABHANGA-II DEV. BLOCK**

Name of the River	Right Bank/ Left Bank	Name of G.P.	Name of the Flood Prone Area / Mouzas	Total no. of house hold likely to be affected	Distance from Block HQ / Sub Divisional HQ
Mansai / Dudua/ Gilandi	L/B	Fulbari G.P	`Ksheti west/ Kishnanagar colony / Ksheti North/ Moranga Char	1300	With in 30 KMfrom Block
Dudua /Jaldhaka	L/B R/B	Fulbari G.P	Baroshoulmari/ Singijani/ Mukaldanga/ Dewan bosh .	1800	With in 30 KMfrom Block
Torsha & BuriTorsha	L/B R/B	Lotapota G.P	Lafabari/ Souderbosh/Putimari/	900	With in 10 KMfrom Block
Mansai	L/B	Ruidanga G.P	Rangamati/ rangimati Char	800	With in 10 KMfrom Block
Torsha	R/B	Llnishabisha G.P	Souderbosh/Putimari	750	Within 7 KMfrom Block

**SITALKUCHI DEV. BLOCK**

Mansai	L/B R/B	Bhowarthana G.P .	Bhogdabri, Kurshamari, Bhowarthana, Gangadhar	750	18-17-16-15 KM from Block Head Quarter.
Mansai	L/B R/B	Chhoto Salbari G.P	Chhoto Salbari/ Barogodaikhara/ urshanmari Sarbeswarjayduar/ Dewankotjayduar/Rajaramjoyduar/Chhoto gadaikhora/ Shifipurchar/ chhoto salbari Char	1250	With in -17-15- 12-20-18-18-14- 25-24KM from Block Head Quarter.
Dharala	L/B	Khalishamari G.P	Jatamari, Mahishmuri, Chengerkuthi, Khalishamari, Uttar Jatamari, Chhoto Khalishamari	950	Within 15, 20, 13, 12, 16 KM. respectibely from Block HQ.
	L/B	Baro Kaimari G.P	Rangamati / Baro kaimari/ Dharllarpar/ Satimari	500	Within 15, 12, 10, 10 KM. respectibely from Block Head Quarter.

**MEKHLIGANJ & HALDIBARI DEV. BLOCK**

Name of the River	Right Bank/ Left Bank	Name of G.P.	Name of the Flood Prone Area / Mouzas	Total no. of house hold likely to be affected	Distance from Block HQ / Sub Divisional HQ
Jaldhaka Mekliganj	Right	Uchalpukuri	168-Dhulia Baldiahati	100 Nos.	40 Km. from Block HQ

**DISTRICT DISASTER MANAGEMENT PLAN 2023-24, DISTRICT COOCH BEHAR**

Block	Bank				
			174-Dhulia Baldiahati	120 Nos.	40. Km. from Block HQ
Jaldhaka Mekliganj Block	Right Bank	Ranirhat	Sarohati	150 Nos.	30 Km. from Block HQ
Teesta Haldibari Block	R/B.	Per-Mekhliganj & Boxiganj	Water logging Area 1. Jharsingeswar 2. Daripattani 3.Boxi-Bibiganj 4.Basarajbaia	200 Nos.	15 k. m.
Teesta Mekiiganj Municipality	Left Bank.	Mekiiganj Municipality	Ward No.- 3, 7 (part), 8 & 9	3400 (approx)	Within 2 Km. from SHQ
Teesta Haldibari Municipality	Right Bank	Haidibari Municipality	Ward No-11, Ward No-1, Ward No-2, Ward No-5, Ward NO-8	4000 Nos.	2 K.M.

**DINHATA - I DEV. BLOCK**

Name of the river	Right bank or Left bank	Name G.P.& ward	Name of the Flood Prone area mouzes	Total no. Of house hold likely to be affected	Distance from Block HQ Sub divisional HQ
Singimari	L/B	Barosoulmari	Singimari/ South Madnakura/ Kharija Batrigach/ Andaran Singimari/ Chhoto Soulmari/ Baro Soulmari	500	11 Km from Block HQ
Dharla	L/B		Atiabari west		
Singimari	L/B	Gosanimari - I	Fulbari/ Takimari/ Jambari Vitarkanta/ Chakiarpara I & II/ Khalisaguri	450	15 Km from Block HQ
Singimari		Gosanimari II	Kh. Gosanimari/ Kamtapur/ Baranatabari/ Chhotanaldhandra/ Binanai/ Kaliganj	475	17 Km from Block HQ
Singimari	L/B	Petla	Rajkhora	375	11 Km from Block HQ
Dharla	L/B		Kutialerbosh/ Chhat Barobangla/ Jamadarerbosh/ Matakura/ Petla west		
Singimari	L/B	Okrabari	Dighaltari/ Balakandi/ Kawrai/ Panchadhaji/ Dukhobholarkutthi/ Dhamaigach/ Danga	600	15 Km. from Block HQ
Dharla	L/B	Baro Atiabari-I	Giladanga Atiabari/ Baro Atiabari/ Atharobaki	100	7 Km. from Block HQ
Dharla	L/B	Baro Atiabari-II	Baro Atiabari/ Boalmari/ Jhuripara	75	7 Km. from Block HQ
Baniadaha	L/B & R/B	Gitaldaha - I	Bhoram/ Konamukta/ Haridaskhamar/ Kh. Haridas	450	17 Km from Block HQ
Singimari	L/B	Gitaldaha- II	Daribosh-I/ Bhabanda/ Jaridharla/ Daribosh colony/ Bhoram Payesti/ Kh. Giladanga	1200	19 Km from Block HQ
Dharla	L/B	Matalhat	Baravita – I & II/ Samsing/ Baishguri	175	9 Km. from Block HQ
Dharla	L/B	Bhetaguri - I	Ruerkuthi/ Kharija Baladanga	100	10 Km from Block HQ
Dharla	L/B	Bhetaguri - II	Singijsni/ Baladanga/ Sakdal/ Barodanga	150	12 Km from Block HQ
Baniadaha	L/B	Dinhata Vill.- II	Nigamnagar/ Satkura/ Nagarbhagni/ Kr. Rakhalmari/ Bhagni	300	13 Km from Block HQ
Baniadaha	L/B	Putimari - I	Koalidaha/ Jarabari	200	6 Km. from Block HQ
Dharla	L/B	Putimari – II	Baronachina W & S	250	5 Km. from Block HQ

**DISTRICT DISASTER MANAGEMNT PLAN 2023-24, DISTRICT COOCH BEHAR**

		Dinhata Vill.-I	Dinhatagram	175	4 Km. from Block HQ
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DINHATA-II DEV. BLOCK					
Name of the river	Right bank/Left Bank	Name of the G.P	Name of the flood prone area /mouzas	Total No. Of house hold likely to be affected	Distance from Block H.Q
Kaljani	Right Bank	Nazirhat-II	Chhat Notafela,Notafela,Azimpara(near Azimpara BOP), Baragaroljhara, Manseb Seoraguri,Dighaltari, Salmara	1290	25 KM
Baniadaha	Left Bank	Barasakdal	Langulia-II, Kuchni	160	8 Km.
Baniadaha	Left& Right Bank	G/Nayarhat	Rasamanta,Kisamat mokrari,Kharija Baniadaha, Tutiarkuthi	265	20 Km
Baniadaha	Right& Left Bank	Kisamat Dasgram	Tiadaha-I,Tiadha-II,Dasgram Gobrachara,Baniadaha	168	15 Km.

SITAI DEV. BLOCK					
Name of River	Right Bank/ Left Bank	Name of the G.P.	Name of the Flood Prone area	No. of Household likely to be affected	Distance from the Headquarter
Singimari	R.B & L.B	Adabari	Kajlikura./ Natabari./ Takimari/ Kisamat Adabari.	1500 Approx	14 K.Ms
Singimari	R.B & L.B	Br. Chatra	Sagardighi/ Natunbosh/ Singimari/ BaroBangla Andaran Singimari/ Gabua/Nechamuddin Kuti	800 Approx	12 K.Ms.
Giridhari	R.B & L.B	Chamta	Nagar Giridhari	150 Approx	15 K.Ms.



**LIST OF VULNERABLE AREAS IN COOCHBEHAR DISTRICT**

Sl. No.	Name of Block	Name of GP	Name of village	River by which effected	Effected Population
1	<b>Cooch Behar-II</b>	Patlakhawa	Putimari Boxibosh	Torsa	300
			Chhat Singimari	do	200
		Madhupur	Kalpani	do	500
			Ichhamari/ Chapaguri	do	700
			Kamrangaguri	do	400
			Salmara	do	100
			Baldihati	do	300
			Hukakura	do	174
			SP Kathalbari	do	200
		Pundibari	S.P. Ghoramara	do	337
			Basdahanatibari	do	500
		Takagach	Takagach part	do	901
			Karishal	do	700
			Damudarpur	do	300
			Multiguri/ Ghiyerhari	do	600
			Jatrapur part	do	500
			Kaminirghat part	do	700
		Khapaidanga	Khapaidanga part	do	500
			Kaljani part	do	200
			Ghargharia	do	500
Marichbari	Kholta part	Kaljani	500		
Baneswar	Siddheswari part	do	700		
Khagrabari	Khagrabari part	Mara Torsa	300		
2	<b>Dinhata-II</b>	Nazirhat-I	Sewraguri	Kaljani	1500
			Kumarganj	do	2000
		Nazirhat-II	Notafela, Salmara	do	5000
			Chhotagaroljhora	do	2800
			Dighaltari	do	2500
		Kisamatdasgram	Teadaha	Baniadaha	5000
			Kisamatdasgram	do	1300
		Barasakdal	Barasakdal	do	5000
			Rakhalmari	do	4000
Langulia-I	do		2500		
<b>Dinhata-II</b>	Bamanhat-II	Kalmati	Waterlogging	4000	
		Badalgir	do	2000	
		Atialdanga	do	2000	
	Gobrachhara Nayerhat	Bhabani prasad	do	2000	
		Khamarbakshi	do	1000	
		Kharijadasgram	do	1000	

			Dasgram gobrachhara	do	3000
			Tutiarkuthi	do	1500
			Bara atiabari	do	1500
			Rasamanta	do	200
3	Sitalkuchi	Chhota Salbari	Chhota Salbarichar	Mansai	200
			Barogadaikhora	do	100
			kurshamari	do	200
			Sarbeswar Joyduar	do	100
			Dewankot Joyduar	do	100
			Rajaram Joyduar	do	50
			Chhotogadaikhora	do	100
			Shibpur	do	200
			Chhotosalbarichar	do	200
		Bhawerthana	Bhogdabri	do	200
			Kurshamari	do	150
			Mahishmuri	do	200
			Bhawairthana	do	300
			Gangdhar	do	100
		Khalishamari	CK Khalishamari	do	650
			Morbhanga	do	325
			Rangamati	do	200
			Dallarpar	do	100
			Rajaram Jouduar	do	225
			Sarbeswar Joyduar	do	150
			Jatamari Harimandir	do	150
			Mahismuri	do	200
			Chengerkuthi khalishamari	do	100
			Uttar jatamri	do	200
			Chhotokhalishamari	do	200
		Gitaldahamaricha	do	150	
		Lalbazar	Mahakalerdham(sitalkuchi)	do	200
		Gossairhat	Chhotopinjarirjhar	do	150
			Bhowerthana	do	1400
		Bhowerthana	Kurshamari-II	do	1500
			Gangdhar	do	1600
			Khendi	do	600
			Awalipura	do	500
Choto Bangdaki	do		500		
Abuer Pather	do		525		
Gitaldaha Maricha	do		575		
Putiabaramasia	do		550		
Golenowhati East	do		250		
Golenowhati	Dakshin Golenowhati	do	100		
	Jaygirnnowhati	do	200		
	Gachtala	do	100		
	Kashar Para	do	800		
	Mira Para	do	500		
	Golenowhati West	do	500		
	Purba sitalkuchi	do	150		

		Sitalkuchi	Madhya Sitalkuchi	do	100
			Rajarbari	do	100
			Nagarsingimari	do	350
			Baragharia	do	700
			Rangamati	do	200
			Barokoimari	do	100
			Satimari	do	100
		Barokoimari Barokoimari	Baishguri	do	2350
			Dhallarpar	do	100
			N Mathabhanga	do	200
			Chhat Khaterbari	do	2360
			Baishguri West	do	1570

4	Mathabhanga-I	Kaderhat GP	Inderkuthi	Mansai	150
			Rangapani		72
			Nityanandi		300
			Magurmari		9
			Kanchakawa		300
			Joreshimuli		800
			Keshribari		400
			Giladanga		Eroded
		Gopalpur GP	Upanirpar	Sutunga	100
			Bhogramguri		200
			Chhat dhandhunua		40
		Nayerhat GP	Shimulguri	Sutunga	40
			Debattar panigram		200
			Chongarkhata		500
			Putimari		150
			Genduguri(part)		100
		Hazrahat-I GP	Daibhangi	Mansai	300
			Mahimerkuthi		200
			Balashi		500
			Uttar Daibhangi		170
			Chhat Pakhihaga		500
		Hazrahat-II GP	Khaterbari (East)	Mansai	400
			Khaterbari(West)		400
			Bhangamore		900
		Kurshamari GP	Barokhalishamari	Dharla	400
			Mahishcharu		400
			Abashratapur		200
			Daluarpar		300
		Bairagirghat GP	Duaisuai	Chenekata	115
			Chenekata		105
kuktikata	125				
Tetulerchhara	110				
Satgachhi	100				
Pachagarh GP	Chhat Khaterbari	Mansai	300		
	V.VG Manabari		300		
	Baishguri		300		

			Tekunia		150		
			Pachagarh		400		
			Barokawardera		200		
		Shikarpur GP			Nalangibari	Dharlla	300
					B.G. Kuta		300
					Gadelerkuthi		300
					Barodola		100
		Jorepatki			Shibpur	Mansai & Dharlla	300
					Panaguri		
					Nendarpar		
					Chandamari		
					Jorepatki		
					Chhat Jorepatki		
					Bochagari		
					Kharija Kawardera		
Kodaldhowa(MTB-II)							
Chakichhara(MTB-II)							

5	Tufanganj-I	Salbari-II	Paschim Salbari	Raidak-I & Taraganj	567		
			Boro Salbari		3210		
			Birodhirpar		3198		
			Bajrapur		912		
			Turkanir kuthi		987		
		Dhalpal-I			Dhalpal	Raidak-I	80
					Bhurkush-II		1000
					Chikliguri-II		800
					Chikliguri-II		750
		Natabari-I			Chhat B. Chowki	Kaljani Gadadhar	1000
					Deb. Charal Jani		1150
					Nata. No. 1 Ward		930
		Nakkatigachh			Nakkatigachh	Raidak & Gadadhar	1000
					Shikarpur		700
					Dhadial		1100
					Rajarkuthi		1100
					Chamta		1500
		Maruganj			Amlaguri	Kaljani Torsha Ghargharia	860
					Moradanga		1125
		Dhalpal-II			Chhatrampur-II	Gadadhar Raidak-I	1040
					Chhat Genduguri		175
					Chhat-Jaigir Chilakhana		630
		Balabhut			Madhya Balabhut	Raidak-I Gadadhar Kaljani Torsha Ghargharia	2050
					Uttar Balabhut		4100
					Jhaokuthi		3950
					Char Gopalerkuthi		575
		Chilakhana-I			Chhat Bhelakopa	Kaljani Godadhar	50
					Chilakhana(West)		300
					Amlaguri		200
					Kutibari		400
					Moyamari		300
					Jaigir Chilakhana		900
Bashtala	100						

			Bilsi		100
			Singimari Doba		
6	<b>Tufanganj-II</b>	Rampur-I	Nazirhat Deutikhata		2645

		A.Fulbari-I	Itvata Kolony	Raidak-I	1975	
			A.Fulbari (W)		425	
		A.Fulbari-II	A. F (Part)	Raidak-I	2450	
			Bilsi-I		1100	
		Chilakhana-II	Ghogarkuthi (N)	Gadadhar	1025	
			Ghogarkuthi (S)		2750	
		Deocharai	Changmari (K/R)	Kaljani Gadadhar	1000	
			Balaghat (G/R)		1500	
			Chowkushi Balarampur (K/R)		5000	
			Santoshpur(K plus G)		2500	
			Jhaljhali (K plusG/R)		2000	
		Deocharai	Deocharai		7000	
			Krishnapur		2000	
			Nepalerkhata		1000	
		Balarampur-I	Soladanga		Torsha Kaljani Ghargharia	1900
			Sorearpar			1300
			Chekadara	1200		
			Balarampur (n-W)	1000		
Balarampur-II	Balarampur	Torsha Kaljani Ghargharia	550			
	Sorearpar (Entire)					

			Chhat Valka	Raidak-II & Sankosh	2675
			Naothowa		1500
		Rampur-II	Jaldhowa	Raidak-II & Sankosh	4125
			Khagribari		1386
			Madhurbhasa		813
			Ghokso Nath Part		1365
			Garbhanga		1452
			Singimari(Part-7)		2200
			Rampur(Part)		2500
		Falimari	Falimari	Raidak-II & Sankosh	1200
			Takulya Colony		1100
			Barnikata		750
			Khunipara		575
			Madhyachar		325
			Pora colony		465
			Chikantala		658
			Bhubonerchar		475
			Pachanipara		525
			Chhat Falimari		665
			Purba Falimari		400
		Mahishkuchi-I	Ghonapara	Raidak-II & Sankosh	500
			Gederchar		2212
			Fersabari(Purba)		546
			Ghokso part		645
			Jaldhowa part		2020
			Kathalguri		2500
		Mahishkuchi-II	Takoamari	Raidak-II & Sankosh	2130
			Paglirkuthi		765
			Jaldhowa part		657
		Barokodali-I	Haripur part	Raidak-I & Taraganj	1654
			Bandijelash part		1876
			Banderkuthi		575
			Haripur		400
Jhingapurni	400				
Langolgram	1235				
Boalimohan 2 <sup>nd</sup> part	376				
Barokodali-II	Debagram	Raidak-I & Taraganj	1654		
	Mansai		2534		
	Dhanmati		1252		
	Sourkhata		3123		
	Begarkhata		1654		
Bhanukumari-I	Chhotolowkuthi	Raidak-II & Gangadhar	2745		
	Chhit Borolowkuthi		3354		
	Bhanukumari Char		3425		
Bhanukumari-II	Balakuthi	Raidak-I	645		
	Chhat Bhareya		657		
	Nakarkhana Part		576		
	Dhaldabri part		657		
	Shilghagri		987		
	Jhowkuthi		557		
Salbari-I	Mantani	Raidak-I	1234		
	Bansrajalst part		3236		

			Bansraja2nd part		300
			Paschim Salbari		567
		Salbari-II	Boro Salbari	Raidak-I & Taraganj	3210
			Birodhirpar		3198
			Bajrapur		912
			Turkanir kuthi		987

7	Cooch Behar-I	Dawaguri	Ghargharia	Torsha	1200
			Ambari Bhojanpur	Do	1100
			DaluaDasgir	Do	2000
			Talliguri	Do	500
			Falimari	Do	300
			Gayergari	Do	800
		Panisala	Panisala	Do	2500
			Bhojanpur Katnatipara	Do	1500
			Boragari	Do	1000
		Ghugumari	Ghughumarir Namachar	do	1500
			Bandger Sahebbari	do	600
			Palpara	do	200
			Malerjhar	Do	600
			Baruapara	Do	300
			Ghugumari Rajbharparr	Do	400
		Falimari	Dewanbosh	Mansai	700
			Petbhata	Do	250
		Moamari	Chhoto Atharokotha	Torsha	2500
			Baro Atharokotha	do	2000
		Chandamari	Bairati	Mansai	550
			Jagarjhuli	Do	300
			Kathalbari	Do	150
			Jagarjhuli Bhawairthana	Do	300
			Chedarjhar	Do	325
			Amar Bhawairthana	Do	1000
		Putimari Fuleswari	Sibpur	Do	300
			Salbari	Do	250
Putimari Fuleswari	Do		300		
Haradev Chedarjhar	Do		300		
8	Dinhata-I	Gitaldaha-I	Bhoram	Baniadaha	250
			Konamukta	Baniadaha	1630
			Ratinandan	Baniadaha	930
		Gitaldaha-II	Daribosh-I	Singimari	1102
			Bharbanda	do	509
			Jaridharla	do	2500
			Dariabosh Colony	do	1800
			Bhoram Payeshthi	Do	2660
			Kh. Gitaldaha	Do	975
		Petla	Rajakhora	Do	935
			Kutialerbosh	do	2000
			Chhat Barobangla	Do	500
			Jamaderbosh	do	750
			Matiakura	Do	240
			Petla West	Do	832

		Gosanimari-I	Fulbari	do	800		
			Takimari	do	1000		
			Jambari Bhitari Kamta	do	980		
			Chakiarpara	do	1200		
			Khalishaguri	do	600		
		Gosanimari-II	Kh. Gosanimari	do	700		
			Kamtapur	do	550		
			Baro Natabari	do	750		
			Chaoto Naldhandra	do	700		
			Bananai	Do	700		
			Kaliganj	Do	300		
		Bara Soulhari	Singimari	Singimari	3500		
			South Madnakura	Do	261		
			Kh. Batrigachh	Do	485		
			Andaran Singimari	Do	650		
			Chhoto Soulhari	Do	700		
			Baro Soulhari	Do	700		
			Atiabari West	Do	450		
		9	Sitai	Adabari	Kajlikura	SINGIMARI	947
					Takimari		261
					Kismat Adabari		
Br. Chatra	Nechamuddin Kuti			500			
	Chhat Singimari			350			
	Sagardighi			889			
	Barobangla			350			
	Singimari 537 & 538			3500			
	Natunbash			1630			
	Gabuya			1600			
	Sonarhat			400			
	Barthar			3015			
	Athorajani			1742			
	Panikhawa			1863			
	Padamari			510			

10	Mathabhanga-II	Fulbari A	Ruidanga	do	1580
		Fulbari B	Latapata	do	1230
			Putimari	do	763
		Barasoulhari	Ghoksadanga	do	1526
		Ruidanga	Bhelakopa	do	1250
		Latapata	Simulguri	do	935
		Putimari	Salmara	do	1300
		Ghoksadanga	Manabari	do	2100
			Baraibari	do	1850
			Bhajanerchhara	do	2430
		Premerdanga	Kodaldaha	do	832
		A.K. Paradubi	Kodaldaha	do	4860
			K.Kankanguri	do	1020
		Nishiganj-I	Unishbisha	Torsa	2050
			Patakamari	do	1250
		Nishiganj-II	Dharimara	do	940
			Chatbhalka	Sankosh	860
		Unishbisha	Rampur	do	570
Naziran Deotikhata	do		1800		



			Naothoa	do	540
11	<b>Mekhliganj</b>	Niztaraf zone	Dhulia	do	70
			Chatbhalka	do	340
		Kuchlibari Zone	Panisala	do	800
			Jamaldaha	do	1100
		Uchalpukuri zone	Boknabandha	do	180
		Changrabhandha zone	Saraihati	do	70
			Niztaraf	Tista	501
		Jamaldaha	Permekliganj	do	269
Ranirhat	Harishnagaeswar	do	250		
	Daripattam	do	215		
12	<b>Haldibari</b>	Permekliganj	Nagarsahebganj	do	2070
			Hutumdanga	do	3099
			Jangalbash	do	1649
			Samilabash	do	673
			Jhakuapara	do	833
		Dewanganj	Kalaibachipara	do	423
			Haripara	do	137
		Hemkumari	Uttar Santinagar	do	659
		Uttarbaro Haldibari	Barorajbala	do	200
			Baxiganj(East)	do	328
			Bibiganj	do	90
			Nistaraf	do	92

## 2.5 EVACUATION PLAN

### COOCH BEHAR-I DEVELOPMENT BLOCK

Sl No.	Name Of Gp	Name Of Low Land	Route Chart For Reaching Temporary Rescue Shelters	Name Of Rescue Shelter	Capacity Of Rescue Shelter (In Family)
1	Guriahati - I	Lankabar	Polkhana Road App. 1km.	1) Lankabar Pry. School	70
				2) Pilkhana Bazar	200
		Chit Kharimala	Chitkharimala To Rail Gumti Pacca Road App. 500m.	Chit Kharimala Pry School	70
				N.H.31 App. 500 M.	Ramkrishna Boys School
		Bharat Colony & Natunpara	N. H. 31 App. 200 M.	Ramkrishna Pry. School	60
				Polkhana Road 400 M.	Pilkhana Bazaar
Pilkhana	Pilkhana Road 500 M.	Pilkhana G.S.F. Pry School	100		
2	Chandamari	Bairati	Jaibanglarhat To Chandamari B. M. R. 700 M.	Bairati A. P. School	60
				Jaibanglarhat	100

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		Jagarjhuli	Jagarjhuli To Rajpur Sarkarer Ghat B.M.R. 500 M.	Jagarjhuli A. P.	100
		Kathalbari	Maghpala To Jaibanglarhat B. M. R. 800 M.	Kathalbari A. P.	55
			Maghpala To Prannath H.S. App. 2 Km.	Prannath H. S.	120
		Chat Chedarjhar	Jaibanglarhat To Chandamari B. M. R. 200 M.	Chat Chedarjhar A.P.	150
3	Moamari	Choto Atharokota	Baro Atharokota To Choto Atharokota B.M.R. 500 M.	Choto Atharokota A.P.	62
			Crossing The Rever App. 500 M	Moamari Flood Shelter	200
		Baroatharokota	P. M. G. Road App. 500 M.	P. M. G. Road	100
				Baroatharokota Basic School	150
		Baro Vita	Dumukha Bazar To Bara Vita School Bmr 1.5 Km	Baro Vita S.C. Pry School	80
Gaddar Par	Dumukha Bazar To Bara Vita School Bmr 1.5 Km	Gaddar Par Pry. School	70		
4	Chilkirhat	Haldimohan	Kacha Road 500 M.	Haldimohan Ap School	50
		Shilkhuribosh	Shilkhuri Bosh To Primary School Bmr 700 M.	Shilkhuri Bosh To Primary School & Awc	100
5	Falimari	Maghpala	Magpala Bazaar To Pat Bhata Bmr, 1 Km.	Pat Bhata H.S.	200
		Dewanbosh	Nishigang To Dewanbosh Pacca Road 700m.	Dewanbosh S.C. Pry School Cum F.S.	250
6	Putimari Fuleswari	Shibpur Char	Local Road	Manshi Ar Char Pry School	120
			Barabari Chowpathi Via Pmg Road To School 800 M.	Rakhal Mari Pry. School	100
				Bashbari Pry School	80
		Kharija Naldhondra	Naldhonadra To Shimultala Bmr 200 M.	Shimul Tala Ssk	100
Bamnidanga Via Sutibari 1 Km.	Sutibari Madrasha		120		
7	Guriahati - Ii	Gudammaharani Ganj	Gudam Maharani Ganf To Harinchowra Bmr 200 M.	Gudam Maharani Ganj Pry School	70
			Dinhata High Road 500 M.	Baninikatan Girls H.S.	120
8	Ghughumari	Ghughumari Char	Kachha Road 200 M.	Char Ghughumari Pry School	20
			Ghughumari Char To Tapurhat Kacha Road 500 M	Tapurhat	120
		Purba	Ghughumari To Mathabhanga Pacca Road	West Ghughumari Jr. School	250

		Ghughumari	500 M.	Cum F.S.	
9	Panisala	Panisala Char	Panisala Balarampur Bmr 500 M.	Panisala F.S.	50
			Panisala To Jiranpur Bmr. 1.5 Km	Panisala H.S.	100
		Kalighat Ghoramara	Kalighat Ghoramara To 4 No Bmr 2.5 Km	Kalighat Ghoramara Pry School	55
		Bhojanpur Katnatipara	Bhojanpur To 4 No Bmr 500 M.	Awc	30

**DINHATA-II DEVELOPMENT BLOCK**

SL No.	Name of G.P.	Route chart from Din-II Dev. Block	Name of Flood Rescue Shelters	Number of person to be accommodated 2 Sqft. For one person
1	Nazirhat-II	From Dinhata-II B.D.O office to Dinhata Chowpathi turn right follow Balarampur pucca road up to Salmara Bazar find Salmara Flood Shelter	Shalmara Flood Shelter.	60
	Nazirhat-II	From Dinhata-II B.D.O office to Dinhata Chowpathi turn right follow Balarampur pucca road up to Salmara Bazar turn left follow graveled road up to 3 KM proceed find Notafela 4 <sup>th</sup> plan Pry. School cum-Notafela Flood Shelter	Notafela Flood Shelter	60
	Nazirhat-II	From Dinhata-II B.D.O office to Dinhata Chowpathi turn right follow Balarampur pucca road up to Notafela Chowpathi turn left follow Kachcha road upto 1 KM find Mansab Seoraguri Pry. School cum flood shelter	Mansab seoraguri Pry. School. cumFlood Shelter	60

**COOCH BEHAR –II DEVELOPMENT BLOCK**

Sl No.	Name of the Panchayat	Name of temporary Rescue Center	Location of the same	Maximum accomodation capacity of the temporary shelter
1	Patlakhawa	Chat Singimari Spl. Cader pry. School Cadre pry. School	Chat Singimari	200
2		kashiabari bazar, Mathabhanga	Putimari	200
3		Singimari Pachunirpar C.S-2 pry. Scool	Singimari pachunirpar	300
4	Madhupur	Kaljani Rajmohan pry.School & kalpani Rajmohan high school	Kalpani	800
5		Embankment	Hokakura	500
6		Embankment	Boldihati	500
7		Alopukri 5th plan pry. School	Salmara	300
8		Embankment	Kamrangaguri	500
9		Embankment & Haripur bazar	Kawalipara	500
10		Natyarhat bazar & Kathalbari pry.school	Kathalbari	300
11		Haripur bazar	Haripur	200
12		Aratguri pry. School & nayarhat bazar	Aratguri	400
13	T/Rajarhat	Rajarhat High School & Deshbandhu pry. School	Maltiguri	800
14		karishal 5th plan pry. School & embankment	Damodarpur	400
15		karishal 5th plan pry. School & embankment	karishal	500

16	Ambari	Dharayerhat bazar & Ambari 5th plan spl. Cadre pry. School	Dharayerhat	400
17	Pundibari	Sajerpar Ghoramara 5th plan pry.	Sajerpar	300

		School	Ghoramara	
18		Indranath Rajendra pry. School	Bashdaha natibari	300
19		Sajerpar Ghoramara 5th plan pry. School	Kalarayer kuthi	200
20	Khapaidanga	Kaljani R.R. Pry. School & Arjya colony pry. School	Kurarpur	300
21		Soultukli pry. School	Soultukli	300
22		Chowdanga A.P. School	Chowdanga	300
23		Chowdanga A.P. School	Ghargharia	
24	M/Kholta	Marichbari No. 3 pry. School	Marichbari	300
25	Baneswar	Barokhata pry. School	Barokhata	200
26		Boragari pry. School	Boragari	200
27		Kutipara Pry. School & Baneswar girls High school	Kutipara	300
28		Kaljani pry. School & Beltala pry. School	Kaljani	400
29		Ichhamari pry. School	Ichhamari	200
30		Siddeswari pry. School & Kokiladevi high School	Siddeswari	500

**TUFANGANJ-I DEV. BLOCK.**

Sl. No.	Name of G.P.	Route Chart for reaching at Flood Shelter	Name of the Flood Shelter cum- Rescue Centre	Accommodation /Capacity
1.	Natabari-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Main Road towards Tufanganj College upto Andaran Fulbari Harirdham High School Chowpathi and Turn Left towards Natabari Bus Stand and proceed towards Baneswar Natabari PWD Gravel Road upto 3 Km and take left turn near the house of Jatindra Nath Das through Kuchcha Rd. upto 1 Km. and proceed.	Bhuchungmari Flood shelter	300
2.	Natabari-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Main Rd. towards Tufanganj College upto Andaran Fulbari Harirdham High School Chowpathi and turn left towards Natabari Bus stand and follow Alipurduar PWD Rd. upto Natabari Hospital Boundary and towards Malikhola Pucca Rd. about 1 Km. and right turn proceed about 2 Km.	Bosepara Kutibari Pry.School cum Flood Shelter	225
3.	Natabari-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Main Rd. towards Tufanganj College upto Andaran Fulbari Harirdham	Dhophguri G.P.School cum Flood Shelter	225

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		High School Chowpathi and turn left towards Natabari Kadamtala Bazar More then turn right towards gravel Rd. about 5 Km. crossing Amtala Bazar and turn left towards 1 Km. and proceed.		
4.	Natabari-II	Vehicle will start from Tufanganj H.Q. to Tufanganj Main Rd. towards Tufanganj College upto Andaran Fulbari Harirdham High School Chowpathi and turn left towards Natabari Bazar and proceed towards Natabari-I Gram Panchayat and towards upto 1 K.m. and proceed.	Swamiji Smriti Pry.School cum Flood Shelter	350
5.	Natabari-II	Vehicle will start from Tufanganj H.Q. to Maruganj & right turn towards Alodhowa Main Rd. about 3 Km. upto Alodhowa Market & turn right Proceed upto Bhelapeta No.2 4 <sup>th</sup> Plan Pry. School and found .	Bhelapeta Flood Shelter (Near Bhelapeta No.2 4 <sup>th</sup> Plan Pry. School)	210
6.	Chilakahana-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Deocharai More and after crossing the Deocharai More take the first right turn into the gravel Rd. and proceed upto 1.5 Km and find Jaigir Chilakhana A.P.School Flood Shelter.	Jaigirchilakhana Flood Shelter	300

7.	Chilakhana-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chilakhana Bazar Chowpathi then right turn at Haribari towards Dhan and Bansh Bazar (Old Police Fari) and turn left towards west gravel Rd. upto 1.5 Km. and proceed.	Paschim Kutibari 5 <sup>th</sup> Plan pry.School cum Flood Shelter	220
8.	Chilakhana-II	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chilakhana –II Gram Panchayat and turn right towards Pucca Rd. upto 5 Km. and turn left and proceed.	Nowkhuli Katibar Pry. School cum Flood Shelter	225
9.	Maruganj	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Bhelakopa Bus Stop and turn right towards North via Kaljani river Bundh cum Rd.2 Km. and proceed.	Chhatowa A.P. School cum Flood Shelter	205
10.	Marugang	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right towards NH31 upto Maruganj Hospital about 12 K.M and turn left towards PMGY Pucca Road upto 3.5 K.M via Hatkhola before River Torsha Bundh and proceed.	Bhelokopa No.2 Govt.Pry.School cum Flood Shelter	400
11.	Maruganj	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Maruganj High School and proceed left side.	Maruganj J.B.School cum Flood Shelter , Maradanga	200
12.	Nakkatigachh	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chamta More and take left turn towards Pucca Rd. upto Nakkatigachh High School East about 11Km. and proceed left side(Nakkatigachh Jr.Basic School Flood Shelter).	Nakkatigachh Jr.Basic School cum flood Shelter, (Dhadial)	320
13.	Nakkatigachh	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chamta More and take left turn towards Balabhut Pucca Rd. upto Dwiparpar Bazar and turn left towards Guneswaridham Pry.School Rd. and crossing towards 4 Km.to the same route Debagram – Harirhat More and turn right towards 1 Km. and proceed.	Debagram No.1 A.P.School cum Flood Shelter	200
14.	Nakkatigachh	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west 1 Km. upto Chamta Chowpathi Karjee Para more turn right towards 1500 mtrs and proceed.	Chamta No.1 A.P.School cum Flood Shelter	210
15..	Deocharai	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west 500 mtrs ahead	Deocharai J.B.School cum Flood Shelter	325

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		Balarampur Chowpathi towards Balaghat upto Deocharai Bazar and towards Deocharai Gram Panchayat and proceed.		
16.	Deocharai	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Cooch Behar Rail Ghumti and turn left upto Dewanhat Chowpathi and turn left towards Balarampur Bazar and Northern upto 3Km. and proceed.	Chowkushi Balarampur Flood Shelter	300
17.	Deocharai	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chilakhana Bazar Chowpathi then take left turn towards Karjee para Pry.School Pucca Rd. upto 2.5 Km.and turn right towards Kaljani Bundh about 1 Km. and proceed.	Baxirkuthi Bapuji 4 <sup>th</sup> Plan Pry.School cum Flood Shelter	200
18.	Deocharai	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chilakhana Bazar Chowpathi then take left turn towards Kaljani A.P.School about 4.5 Km. and proceed.	Kaliganj A.P.School cum Flood Shelter	230
19.	Deocharai	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chilakhana Bazar Chowpathi then take left turn towards Karjee para Pry.School and followed.	Uttar Deocharai Karjee Para 5th Plan Pry.School cum Flood Shelter	225
20	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards east upto Langal gram Tepathi and turn right towards Gopalerkuthi,Assam Border Pucca Rd.upto Balabhut Bazar Chowpathi and turn left again towards Char Jhaoukuthi gravel Rd. via Ranpagli,Assam about 5Km from Ranpagli and proceed	Char Jhaou kuthi 5th Plan Pry.School	200
21	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Chamta More and take left turn towards Balabhut Pucca Rd. upto Kadamtala and turn left towards pucca Rd. near Md. Abdul Rejjak Ali's House and proceed.	Rajarkuthi Flood Shelter near Rajar Kuthi A.P.School	250

22	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards east upto Langalgram Tepathi and turn right towards Gopalerkuthi, Assam Border Pucca Rd. upto Balabhut Gram Panchayat and proceed at Balabhut Flood Shelter.	Balabhut Flood Shelter	315
23	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards east upto Langal gram Tepathi and turn right towards Gopalerkuthi,Assam Border Pucca Rd.upto Dakshin Balabhut 4th Plan Pry. School and followed.	Dakshin Balabhut 4th Plan Pry. School cum Flood Shelter	225
24	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards east upto Langal gram Tepathi and turn right towards Gopalerkuthi,Assam Border Pucca Rd.upto Balabhut Bazar Chowpathi & turn left beside G.P. Office upto Ferry Ghat . Crossed river and proceed about 3 K.M.south side of Char Balabhut and found.	Char Balabhut 4th Plan pry.School cum Flood Shelter	200
25	Balabhut	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards east upto Langal gram Tepathi and turn right towards Gopalerkuthi,Assam Border Pucca Rd.upto Balabhut Bazar Chowpathi & turn left beside G.P. Office upto Ferry Ghat . Crossed river and proceed about 3 K.M. north side of Char Balabhut and found.	Char Balabhut MSK cum Flood Shelter	250
26	Balarampur-I	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Cooch Behar Rail Ghumti and turn left upto Dewanhat Chowpathi and turn left towards Balarampur Bazar and northern upto 3 Km. and proceed.	Sholadanga C.S.Pry. School cum Flood Shelter	330
27	Balarampur-II	Vehicle will start from Tufanganj H.Q. to Tufanganj Thana Chowpathi and turn right N.H.31 towards west upto Cooch Behar Rail Ghumti and turn left upto Dewanhat Chowpathi and turn left towards Balarampur Bus Stand at Battala and turn right to Pucca Rd.	Shouldhukri 5th plan Pry. School cum Flood Shelter	230

		leading to Chowkushi Balarampur about 5Km. towards Culvert and proceed.		
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**SITAI DEV.BLOCK**

Sl. No.	Name of the Gram Panchayat	Name of the Lowland	Route chart for reaching temporary shelter	Name of the Rescue Shelter	Capacity of Rescue Shelter
1	Adabari	Kajlikura	Follow the Sitai road leading towards Mathabhanga upto Joram Bazar,turn left right and proceed upto Adabari Pry.Health Centre and turn right and follow the un mettled road which connects the PMGYS and follow the road upto Kajlikura High School. Distance from the Block Headquater is 20 Kms approx.	Kajlikura High School	350
2		Takimari	Follow the Sitai road leading towards Mathabhanga upto Adabari Ghat,cross the river in a mechanized boat, get down and follow the metteled road towards Sagardighi Ghat and proceed upto 500mts approx. Rescue Shelter is on the left side of the road.	Takimari 5 <sup>th</sup> Plan.Pry.Sc hool	60
3.		Baro Adabari	Follow the Sitai road leading towards Mathabhanga upto Joram Bazar,turn left right and proceed upto Adabari Pry.Health Centre and turn right and follow the un mettled road for about 500mts,turn right and follow the Kutcha road for about 500mts. Distance from the block headquater is about 16kms approx.	Adabari Govt.Pry.S chool	75
4		Shilduar	Follow the Sitai road leading towards Mathabhanga upto Bargach about 300mts ahead of Adabari Ghat,turn left and Follow the PMGYS road for about 1 km. The school is on the left side of the road.Distance from the Block Headquater is 10 Kms approx.	Silduar Jr.Basic School	100
5		Dawabari	Follow the Sitai road leading towards Mathabhanga upto Netaji Bazar and turn left and proceed upto 200mts. The Schoolis on the right side.Distance from the Block headquater is about 5kms approx.	Dawabari 4 <sup>th</sup> Plan Pry. School	60

6	Br. Chatra	Sagardighi	Follow the Sitai road leading towards Mathabhanga up to Netaji Bazar and cross the bazaar and proceed upto 300 mts and turn right tows sagardighi ghat for about 0.5kms. the School is on the right side of the road. Distance from the block headquater is about 6kms.	Sagardighi Govt.pry. school	50
7		Natunbash	Follow the Sitai road leading towards Mathabhanga upto Netaji Bazar and cross the bazaar and proceed up to 300 mts and turn right towards sagardighi ghat and cross the river by boat, proceed the road towards Gassanimari for about 3 kms. Upto Gossanimari temple, turn right and proceed for about 1kms. The shelter is on the left side of the road. Distance from the block headquater is about 15 kms.	Natunbash C.S. Pry. School	150
8		Uttarsingimari	Follow the Sitai road leading towards Mathabhanga upto Adabari Ghat,cross he river by boat and get down at the ghat, turn left and follow the katcha road for about 2kms.Distance from the Block head quarter is about 14 kms approx.	Singimari saranati Pry.School	50



9		Gabuya	Follow the Sitai road leading towards Mathabhanga upto Netaji Bazar,turn right and follow the PMGYS up to kaliar hat, turn right and proceed the katcha road up to the School.Distance from the block is about 20 kms approx.	Gabuya Spl.Cadre Pry.School	200
10		Chhat Singimari	Follow the Sitai road leading towards Mathabhanga upto Netaji Bazar,turn right and follow the PMGYS up to kaliar hat , cross the bazaar and proceed for about 1.5kms and turn left and follow the katcha road for about 1kms.The shelter is on the left side of the road.Distance from the block headquater is about 22 kms.	Tamaguri Jr.Basic School	300
11		Andaran Singimari	Follow the Sitai road leading towards Mathabhanga upto Netaji Bazar,turn right and follow the PMGYS up to Nakarjan Hospital,turn left and follow the unmetteled road for about 2kms.the Shelter is on the left side of the road. Distance from the Block headquater is about 25kms.	Singimari No.II Pry.School.	300
12	Sitai-I	Sitai	Follow the Sitai road, cross the BDO's Office and proceed for about 300 mts. The School is on the left side of the road. Distance from the block head quarter is abouts 300 mts.	Sitai High School	500

13		Atharojani	Follow the Sitai road, cross the BDO's Office and proceed up to Sitai Chowpathi,turn left and follow the Giridhari road up to Giridhari bazaar, cross the bazaar and proceed for about 1km,turn left and follow the katcha road.Distance from the block headquater is about 12 kms.	Atharojani 4 <sup>th</sup> Plan Pry.School	200
14	Chamta	Barthar	Follow the Sitai road, cross the BDO's Office and proceed up to Sitai Chowpathi,turn left and follow the Giridhari road up to Giridhari bazaar, cross the bazaar and follow the road up to Barthar Bazar.the School is on the left side of the road.Distance from the Block headquater is about 15kms.	Barthar Govt. Pry.School	250
15		Chamta	Follow the Sitai road, cross the BDO's Office and proceed up to Sitai Chowpathi,turn left and follow the Giridhari road up to Giridhari bazaar, cross the bazaar and follow the road for about 400 mts.The school is on the right side of the road.Distance from the Block headquater is about 11kms	Chata Adarsh High School	500

### Haldibari Development Block

Sl No	Name of the Vulnerable Village/Area	Accomodation of the flood shelter	Rute chart to reach the flood shelter
1	Kamatbindi under per Mekhliganj	120	Kamatbindi to kamatbindi GP school through Teesta Embankment
2	Jharsingeswar	80	Via Teesta Embankment
3	Beltali	130	Via PWD Road
4	Mirdhapara under Boxiganj G.P.	90	Via Teesta Embankment
5	Bhola Hat	120	Via Z.P. road

6	Bibiganj	135	Via Teesta Embankment
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**TUFANGANJ-II DEVELOPMENT BLOCK(EVACUATION PLAN)**

Sl. No.	Name of the Flood Shelter	Address	Usable / Unusable	Drinking Water	Sanitation	Latitude	Longitude	Location with from Head Quarter	Shortest route to be used by the concern villagers	Alternative short route
1	BOXIRHAT HIGH SCHOOL	BHANUKU MARI-I	Usable	Yes	Yes	26.32809	89.76194	GP HQ to Flood shelter-1.5km	GP to Shubhas Pally Road-1.5 km	GP to High School via Surjya Sangha More
2	FALIMARI G.P.SCHOOL	FALIMARI	Usable	Yes	Yes	26.23402	89.49095	GP HQ to Flood shelter-0.5km	GP HQ to Flood shelter-0.5km	GP to Flood Shelter via Falimari Bazar
3	RAMPUR GIRLS HIGH SCHOOL	RAMPUR-II	Usable	Yes	Yes	26.26069	89.48	GP HQ to Flood shelter-2.5km	GP HQ to Flood shelter-2.5km	GP to Flood Shelter via Paschim Rampur 5km
4	NEZIRAN DEOTIKHATA PRIMARY SCHOOL	RAMPUR-I	Usable	Yes	Yes	26.46682	89.837	GP HQ to Flood shelter-4.00km	GP HQ to Flood shelter-4.00km	GP to Flood Shelter via Barobisha Chowpathi 7km
5	DAKSHIN RAMPUR NO. 2 5TH PLAN PRIMARY SCHOOL (DAKSHIN RAMPUR)	RAMPUR-II	Usable	Yes	Yes	26.43513	89.80793	GP HQ to Flood shelter-4.00km	GP HQ to Flood shelter-4.00km	GP to Flood Shelter via Chhat Volka 7km
6	JALDHOA NO. 2 SC PRIMARY SCHOOL	RAMPUR-II	Usable	Yes	Yes	26.40017	89.78211	GP HQ to Flood shelter-2.50km	GP HQ to Flood shelter-2.50km	GP to Flood Shelter via Singimari 3.5km

7	FALIMARI A.P. SCHOOL	FALIMARI	Usable	Yes	Yes	26.29338	89.68554	GP HQ to Flood shelter-3.50km	GP HQ to Flood shelter-3.50km	GP to Flood Shelter via Srirampur(Pachanipara)-31km
8	FERSABARI NETAJI VIDYAPITH	MAHISHKUCHI-I	Usable	Yes	Yes	26.36291	89.79084	GP HQ to Flood shelter-1.5km	GP HQ to Flood shelter-1.5km	GP to Flood Shelter via Atarar More-2.00km
9	TOKOAMARI GOVT. PRIMARY SCHOOL	MAHISHKUCHI-II	Usable	Yes	Yes	26.40582	89.751	GP HQ to Flood shelter-1km	GP HQ to Flood shelter-1km	GP to Flood Shelter via Takoamari Chowpathi-4.00km
10	HARIPUR RABINDRA VIDYAPITH	BAROKODALI-I	Usable	Yes	Yes	26.18573	89.40569	GP HQ to Flood shelter-1.5km	GP HQ to Flood shelter-1.5km	GP to Flood Shelter via Jinghapurni-3.00km
11	BEGARKHATA A.P. SCHOOL	BAROKODALI-II	Usable	Yes	Yes	26.28005	89.68204	GP HQ to Flood shelter-2.00km	GP HQ to Flood shelter-2.00km	GP to Flood Shelter via Mechkoka-3.50km
12	BANSHRAJ A PART II KUTHIBARI PRIMARY SCHOOL	SALBARI-I	Usable	Yes	Yes	26.23049	89.40004	GP HQ to Flood shelter-2.50km	GP HQ to Flood shelter-2.50km	GP to Flood Shelter via Dhalpal Kalibari-12km
13	BAZRAPUR SPL. CADRE PRIMARY SCHOOL	SALBARI-II	Usable	Yes	Yes	26.35599	89.72099	GP HQ to Flood shelter-2.50km	GP HQ to Flood shelter-2.50km	GP to Flood Shelter via Jirati Salbari -4km
14	BOROLOW KUTHI PRIMARY SCHOOL	BHANUKUMARI-I	Usable	Yes	Yes	26.33839	89.77736	GP HQ to Flood shelter-5km	GP HQ to Flood shelter-5km	GP to Flood Shelter via Pachanipara -65km
15	DHALDABRI NO. 2 PRIMARY SCHOOL	BHANUKUMARI-II	Usable	Yes	Yes	26.36035	89.73779	GP HQ to Flood shelter-7km	GP HQ to Flood shelter-7km	GP to Flood Shelter via Bhanukumari More (Palika Road) -9km

**2.6 List of BOP in different Blocks.**

<b>Block</b>	<b>GP</b>	<b>BOP</b>	<b>Adjoining Mouzas for which information can be obtained from BOP</b>	<b>Contact number of Company Commander/Asst. Commandant</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>
Mekliganj	Niztaraf	Orang	25- Teesta Payest.40,Niztaraf,75- Niztaraf & 76- Niztaraf	03561-250494
Mekliganj	Kuchlibari	Kuchlibari	25-Teesta Payesti,112-Upenchowki Kuchlibari & 110-Bajejama Kuchlibari	03561-250843
Mekliganj	Kuchlibari	Teesta Payesti	25-Teesta Payesti	03561-250843
Mekliganj	Kuchlibari	Hemant	25-Teesta Payesti& 91-andaran Kuchlibari	03561-250494
Mekliganj	Kuchlibari	Dhaprahat	25-Teesta Payesti	03561-250494
Haldibari	Per-Mekhliganj	Bhujalipara	Per Mekliganj, G.P.	03561-248022
Haldibari	Per Mekliganj	Barun	Per Mekliganj G.P	03561-248022
Haldibari	Per Mekliganj	Jharsin geswar	Per Mekliganj, G.P	03561-248022
Dinhata-II	Nazirhat-I	Hutch BOP, 129 BN BSF	Hachek Maidam Kumarganj	8871833783
Dinhata-II	Nazirhat-I	Shyamganj BOP, 129 BN	Chhat Khochabari, Shyamganj	8871833783
Dinhata-II	Nazirhat-II	Notafela BOP, 129 BN BSF	Notafela, Chhat Notafela, Salmara	8871833783
Dinhata-II	Nazirhat-II	Dighaltari BOP, 129 BN BSF	Dighaltari	8871833783
Dinhata-II	Nazirhat-II	Bara Garaljhora, BOP, 129 BN BSF	Bara Garaljhora,	8871833783
Dinhata-II	Nazirhat-II	Choto Garaljhora, BOP, 129 BN BSF	Bara Garaljhora,	8871833783
Dinhata-II	Nazirhat-II	Ajimpara,129 BN BSF	Chhat Notafela	8871833783
Dinhata-II	Sahebganj	Sachinandan	Sachinandan, chhatkhochabari,	8871833783

		BOP,129 BN BSF	Kalaighati,Bill Kalaighati	
Dinhata-II	Sahebganj	Purba Sahebganj BOP,129 BN BSF	Sahebganj(E)	8871833783
Dinhata-II	Sahebganj	Sahebganj BOP,129 BN BSF	Sahebganj	8871833783
Dinhata-II	Sahebganj	Durganagar, 192BN BSF	Sahebganj (E), Sahebganj (W),	9408685001
Dinhata-II	Sahebganj	Dharala BOP192 BN BSF	Kalaighati	9408685001
Dinhata-II	Bamanhat-II	Kalmati BOP,192 BN BSF	Kalmati	9408685001
Dinhata-II	Bamanhat-II	Atialdanga BOP,192 BN BSF	Atialdanga	9408685001
Dinhata-II	Bamanhat-II	Badalgiri BOP,192 BN BSF	Badalgiri	9408685001
Dinhata-II	Chowdhurihat	Jagirbalabari BOP, 192 BN BSF	Jaigirbalabari	9408685001
Dinhata-II	Chowdhurihat	Khitaberkuthi BOP, 192 BN BSF	Khitaberkuthi,Sadialerkuthi	9408685001
Dinhata-II	Chowdhurihat	Jhikri BOP, 192 BN BSF	Jhikri	9408685001
Dinhata-II	G/Nayarhat	Karala BOP,90 BN BSF	Karal	9668212865
Dinhata-II	Sukarurkuthi	Seoti-II( Sabri) BOP, 192 BN BSF	Bhonathpur, Sukarurkuthi, Seoti- II	9668212865
Dinhata-II	Sukarurkuthi	Kurshahat BOP, 90 BN BSF	Tharaikhana	9668212865
Dinhata-II	Sukarurkuthi	Bosh Kotal, BOP, 90 BN BSF	Bosh Kotal, Karala	9668212865
Dinhata-II	Sukarurkuthi	Thariakhana BOP, 90 BN BSF	Tharaikhana	9668212865
Dinhata-I	Okrabari	Panchadhoji BOP	1.Panchadhoji 2.Indra Narayan	H.Q 124 BN BSF,Roof NAGAR,Cooch

			3.Kowrai 4.Dukha Bholar Kuthi	Behar,03582241498
Dinhata-I	Gitaldaha-II	Gitaldaha BOP	1.Bhoram Payesti 2.Bhoram Payesti (S), 3. Badur kuthi 4. Jari dharla 5. Dewanbosh-I	H.Q.124 Bn.BSF,Roop Nagar,Cooch Behar,035822499
Dinhata-I	Gitaldaha-I	Narayanganj BOP	1.Rathinandan 2 R.K.payesti.3.Konamukta.4.Bhor am,E.	H.Q. 124 Bn. BSF, Roopnagar,Cooch Behar,03582-241500
Dinhata-I	Gitaldaha-I	Kharija Haridas BOP	1.Kh. HaRIDAS 2.Bhoram,W. 3. Konamukta part	H.Q.124.Bn, BSF, Roop Nagar, Cooch Behar.03582-241501
Dinhata-I	Bara soulmari	Srilanka BOP	1.Singimari Madnakura 2. Kh. Batrigachh(E & W) 3.andaran Singimari 4.Singimari 5. Atiabari 6. Chhotojhila 7. Batrigachh.	H.Q 124 Bn. BSF, Roop Nagar, Cooch Behar.03582-241502

### CHAPTER 3:

## INSTITUTIONAL ARRANGEMENTS FOR DISASTER MANAGEMENT

3.1 The Disaster Management Act 2005 provides for an effective institutional mechanism for drawing up and monitoring implementation of disaster management plan for prevention and mitigating effects of disasters and for taking a holistic, coordinated and prompt response to any disaster situation. Under Section 78 of the DM Act 2005, powers are conferred to the State Government for making rules to carry out the provisions of this Act and notify such rules in the official gazette.

The institutional mechanism for disaster management at the district level, is as given below -

1. District Disaster Management Authority :- District Magistrate is the Chairperson of the DDMA, Sabhadhipati of the Cooch Behar Zilla Parishad is the Co-Chairperson, ex-Officio, The Additional District Magistrate (Dev) Ex-Officio member, The Superintendent of Police, Ex-Officio member, The Chief Medical Officer of Health as Ex-Officio member, The Executive Engineer of Irrigation as Ex-Officio, The Sub-Divisional Officer, Sadar /Tufanganj/Dinhata/Mathabhanga/ Mekhliganj Sub-Division as Ex-Officio member.
2. District Disaster Management Advisory Committee:- No such Committee not had yet been formed.
3. Local Self Government:- There are 3 (Three) tier Panchyat System such Zilla Parishad, Panchayat Samiti & Gram Panchayat for rural areas and there are 6 Municipalities in the District. The details is given below:-

Name of the Local Self Government	Existing members of the body of the District	Sthayee Samiti/ Upa Samiti	Activities
Cooch Behar Zilla Parishad	34	Nari O Sishu Unnayan Janakalyan O Tran	Disaster related works of the District
Panchayat Samiti	There are 12 Panchayat Samiti in the District	Each Panchayat Samiti have one Sthayee Samiti who looks after Disaster Management Scenerio, namely, Sishu Nari Unnayan Janakalya O Tran Sthayee Samiti	Disaster related works of the concerned Panchayat Samiti
Gram Panchayat	There are 128 Gram Panchayat in the District	There is one Upa Samiti in each gram Panchayat to look after disaster Management related matters	
Municipality	There are 6 (Six) Municipalities		Implement all disaster related matter of the district

District EOC:- There is a EOC at the District Level. Normally it runs between 1<sup>st</sup> June to 31<sup>st</sup> October every year. Sub-Divisional & Block Level Controll Room also remain open for the

period from 1<sup>st</sup> June to 31<sup>st</sup> October every year. Integrated Control Room at District Level will be opened during any emergencies with all stakeholders.

### CONTACT NUMBER OF DISTRICT EOC

**(1) 03582-295080**

**(2) 09832532051**

**(3) 03582-227114**

### 3.2 IMPORTANT TELEPHONE NUMBERS

#### DISTRICT ADMINISTRATION

Designation	Office	Residence	Fax	Mobile	E-mail
D.M.	03582-227101	03582-227201	227000	9434027101	<a href="mailto:dmcoochbehar@gmail.com">dmcoochbehar@gmail.com</a>
ADM,(DEV)	03582-227102		227002	8373082104	<a href="mailto:admdevcbr@gmail.com">admdevcbr@gmail.com</a>
ADM(G)	03582-227103	03582-227203	03582-227061	8373082102	<a href="mailto:admgen.cbr@gmail.com">admgen.cbr@gmail.com</a>
ADM, & AEO ,ZP	03582-222527	03582 - 227567	-	8373082103	<a href="mailto:aeo.cbr@gmail.com">aeo.cbr@gmail.com</a>
ADM, DLLRO	03582-228490	-	-	8373082106	<a href="mailto:dllro.cob@gmail.com">dllro.cob@gmail.com</a>
ADM,DRDC	03582-222478 03582-231081		03582-222478	8373082106 9831480481	<a href="mailto:pddrdccbr@gmail.com">pddrdccbr@gmail.com</a>
DPRDO	03582-227110	03582-226606	-	8373082117	<a href="mailto:dprdo110mpr@gmail.com">dprdo110mpr@gmail.com</a>
OC, Disaster Management	03582-227114			8373082125	<a href="mailto:dismancbr@gmail.com">dismancbr@gmail.com</a>
RTO	03582-227125		03582-227125	8373082118	<a href="mailto:rto-cbr@nic.in">rto-cbr@nic.in</a>
OC, Election	03582-227112	03582-227205	-	8373082123	<a href="mailto:deocbr1@gmail.com">deocbr1@gmail.com</a>
Sr. DC	03582-227107			8373082113	
NDC,Cooch Behar	03582-27111			8373082114	<a href="mailto:ndc.cob@gmail.com">ndc.cob@gmail.com</a>
OC, Civil Defence	03582-227124			8373082125	<a href="mailto:ocdcbr@gmail.com">ocdcbr@gmail.com</a>
OC, JM	03582-229359			8373082126	
OC Mid-daymeal	03582-225286			8373082124	<a href="mailto:oc.middaymeal.cbr@gmail.com">oc.middaymeal.cbr@gmail.com</a>
OC, Minority Affairs	03582-222367			8373082120	<a href="mailto:doma.cbr@gmail.com">doma.cbr@gmail.com</a>
OC. Census & Enclave				9433328662	<a href="mailto:Pbcbr2014@gmail.com">Pbcbr2014@gmail.com</a>
DSW,Cooch Behar	03582-225401			9434062320	<a href="mailto:socialwelfare.cbr@gmail.com">socialwelfare.cbr@gmail.com</a>
OC. Child Welfare Committee	03582-222352			9832331728	<a href="mailto:cwc.coochbehar2008@rediffmail.com">cwc.coochbehar2008@rediffmail.com</a>
OC, Health	03582-226604			8373082125	
DWO,	03582-222221			8373082116	<a href="mailto:bcwcoob@gmail.com">bcwcoob@gmail.com</a>
DM,SC,ST.F. Corporation	03582-222614			8373082121	<a href="mailto:rajbari.kbQ@gmail.com">rajbari.kbQ@gmail.com</a>
DPO. ICDS	03582-227113			9932979978	<a href="mailto:dpo.icds.cbr@gmail.com">dpo.icds.cbr@gmail.com</a>



DDMO	03582-295080		03582-227114	9073936731	<a href="mailto:dismancbr@gmail.com">dismancbr@gmail.com</a>
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**SUB DIVISIONAL OFFICERS**

Sub Division	Phone No			E Mail
	Office	Residence	Mobile	
SDO, SADAR	03582-227105	03582-227204	8373082107	<a href="mailto:sdo_sadar-cbr@nic.in">sdo_sadar-cbr@nic.in</a> <a href="mailto:sdo.sadar.cbr@gmail.com">sdo.sadar.cbr@gmail.com</a>
SDO, Dinhata	03581-255001	03581-255105	8373082109	<a href="mailto:sdo_dinhata@nic.in">sdo_dinhata@nic.in</a> <a href="mailto:sdodinhata@gmail.com">sdodinhata@gmail.com</a>
SDO, Tufanganj	03582-244220	03582-244258	8373082108	<a href="mailto:Sdo_Tufanganj@nic.in">Sdo_Tufanganj@nic.in</a> <a href="mailto:sdotufanganj@gmail.com">sdotufanganj@gmail.com</a>
SDO, Mathabhanga	03583-255273	03583-255224	8373082110	<a href="mailto:mtbdo@gmail.com">mtbdo@gmail.com</a>
SDO, Mekhliganj	03584-255297	03584-255237	8373082111	<a href="mailto:sdo_mekliganj@nic.in">sdo_mekliganj@nic.in</a> <a href="mailto:sdo.mkg@gmail.com">sdo.mkg@gmail.com</a>

**BLOCK DEVELOPMENT OFFICERS**

BLOCK	Phone No			E Mail
	Office	Fax	Mobile	
Cooch Behar I	03582-274555	03582-274555	8373082128	<a href="mailto:bdo_cob1@yahoo.com">bdo_cob1@yahoo.com</a>
Cooch Behar II	03581-270221	03582-270890	8373082129	<a href="mailto:coochbehar2@nic.in">coochbehar2@nic.in</a> <a href="mailto:bdo.coochbeharii@gmail.com">bdo.coochbeharii@gmail.com</a>
Dinhata- I	03581-255045	03581-256107	8373082130	<a href="mailto:dinhata1@nic.in">dinhata1@nic.in</a> <a href="mailto:dinhata1@rediffmail.com">dinhata1@rediffmail.com</a>
Dinhata- II	03582-244201	03582-244201	8373082131 9073938021	<a href="mailto:dinhata2bdo@gmail.com">dinhata2bdo@gmail.com</a> <a href="mailto:dinhata2@nic.in">dinhata2@nic.in</a>
Sitai	03583-285213	03583-285213	8373082136 9434013346	<a href="mailto:sitai@nic.in">sitai@nic.in</a> <a href="mailto:bdositai@gmail.com">bdositai@gmail.com</a>
Tufanganj- I	03582-244231	03582-244231	8373082132 9434760442	<a href="mailto:tufanganj1@nic.in">tufanganj1@nic.in</a> <a href="mailto:bdotfg1@gmail.com">bdotfg1@gmail.com</a>
Tufanganj- II	03582-263224	03582-263224	8373082133 9434760443	<a href="mailto:bdotufanganj2@@gmail.com">bdotufanganj2@@gmail.com</a> <a href="mailto:bdo_tfg2@rediffmail.com">bdo_tfg2@rediffmail.com</a>
Mathabhanga- I	03583-255260	03583-255260	8373082134 9434760447	<a href="mailto:mathabhanga1@nic.in">mathabhanga1@nic.in</a> <a href="mailto:bdomtb1@gmail.com">bdomtb1@gmail.com</a>
Mathabhanga- II	03583-255257	03583-255257	8373082135 9434760448	<a href="mailto:mathabhanga2@nic.in">mathabhanga2@nic.in</a> <a href="mailto:bdo.mtb2@gmail.com">bdo.mtb2@gmail.com</a>
Sitalkuchi	03583-263231	03582-263231	9434760449 8373082137	<a href="mailto:sitalkuchi@nic.in">sitalkuchi@nic.in</a> <a href="mailto:bdositalkuchi@yahoo.co.in">bdositalkuchi@yahoo.co.in</a>
Mekhliganj	03584-244345	03584-244701	8373082138 9434760450	<a href="mailto:mekhliganj@gmail.com">mekhliganj@gmail.com</a>
Haldibari	03561-263241	03561-263241	8373082139 9434760451	<a href="mailto:bdohaldibari@gmail.com">bdohaldibari@gmail.com</a>

**Disaster Management Officials at Sub-divisional Level (SDDMO)**

NAME OF THE OFFICER	SUB DIVISION	PHONE NO	MOBILE	e-mail ID
Prasanta Debnath	Mekhliganj	03584-255238	9679119344	<a href="mailto:sdo.mkg@gmail.com">sdo.mkg@gmail.com</a>
Taj Mohammd	Dinhata		8250859418	<a href="mailto:sdodinhata@gmail.com">sdodinhata@gmail.com</a>
Arnab Chatterjee	Mathabhanga	03583-257621	9732704690	<a href="mailto:sdomtbdeo@gmail.com">sdomtbdeo@gmail.com</a>
Jugananda Pramanik	Tufanganj	03582-244143	8617890519	<a href="mailto:sdotufanganj@gmail.com">sdotufanganj@gmail.com</a>
Arijit Das	Cooch Behar Sadar	03582-227105	9734280316	<a href="mailto:sdo.sadar.cbr@gmail.com">sdo.sadar.cbr@gmail.com</a>

**Disaster Management Officials at Block Level (BDMO)**

NAME OF THE OFFICER	BLOCK	PHONE NO	MOBILE	e-mail ID
Sohan Kumar Naskar	Mathabhanga-I		7003636318	<a href="mailto:bdo.mtb2@gmail.com">bdo.mtb2@gmail.com</a>
Debrup Banerjee	Mathabhanga-II	03583-255257	7908415720	<a href="mailto:bdmmtb-2@gmail.com">bdmmtb-2@gmail.com</a>
Ajay Kr. Mondal	Sitalkuchi	03583-263231	9153306317	<a href="mailto:bdositalkuch@yahoo.co.in">bdositalkuch@yahoo.co.in</a>
Kamalesh Bera	Dinhata-I	03581-255045	9073939803	<a href="mailto:bdodin1@radiffmail.com">bdodin1@radiffmail.com</a>
Ashim Debnath	Dinhata-II		7908483527	<a href="mailto:dinhata2bdo@gmail.com">dinhata2bdo@gmail.com</a>
Binay Barman	Sitai		9547151604	<a href="mailto:bdositai@gmail.com">bdositai@gmail.com</a>
Champak Kr. Saha	Tufanganj-II		9735595078	<a href="mailto:bdo.cob1@yahoo.com">bdo.cob1@yahoo.com</a>
Arup Chowdhury	Cooch Behar-I		9433366221	<a href="mailto:bdo.coochbeharii@gmail.com">bdo.coochbeharii@gmail.com</a>
Chayan Kr. Roy	Mekhliganj		7908994665	<a href="mailto:bdomekliganj@gmail.com">bdomekliganj@gmail.com</a>
Anup Kr. Chaki	Cooch Behar-II	03582-244431	9832309042	<a href="mailto:bdotfg1@gmail.com">bdotfg1@gmail.com</a>
Aniruddha Roy	Tufanganj-I	03582-263224	9800037256	<a href="mailto:royaniruddhabdmo@gmail.com">royaniruddhabdmo@gmail.com</a>
Manab Kr. Das	Haldibari		8013212620	<a href="mailto:bdohaldibari@gmail.com">bdohaldibari@gmail.com</a>

**AGRICULTURE**

**QUICK RESPONSE TEAM**

DISTRICT LEVEL	SL.No	Name.	Designation.	Mobile No.	Office No.
	1.	Gopal Ch. Mann	DDA (Admn.)	8584028569	03582-227545

Subdivision.	Sl.	Name.	Designation.	MobileNo.	Office No.
Sadar.	1.	Gobinda Sen	Asstt.D.A(Admn)	9434350459	03582-227759
Dinhata	3.	Chandan Sarkar	Asstt.D.A(Admn)	9932323695	.
Mathabhanga	4.	Shyamal Saha	Asstt.D.A(Admn)	9434935467	
Mekliganj	5.	Sanjib Das	Asstt.D.A.(Admn)	8918302559	03584-255230

BLOCK LEVEL	Sl	Block	Name.	Designation.	Mobile No.
		Cooch Behar-I	Jahangir Alom	Asstt. D.A.	9832197795
		Cooch Behar-II	Sohini Talukder	Asstt.D.A.	7864831513
		Tufanganj-I	Tapas Das	Asstt. D.A.	9593855516
		TufanganjII	Ranjit Barman	Asstt. D.A.	8016845843
		Dinhata-I	K. . K. Barman	Asstt. D.A.	9475835357
		Dinhata-II	S. Chakraborty	Asstt. D.A.	9474629113
		Sitai	S. Dey	Asstt. D.A.	8116221140
		Mathabhanga-I	Debjani Halder	Asstt. D.A.	9932234282
		Mathabhanga-II	M. Mondal	Asstt. D.A.	9477402995
		Sitalkuchi	P. Bhowmik	Asstt. D.A.	8968923194
		Mekliganj	A. Das	Asstt. D.A.	9832620104
		Haldibari	Deep Sinha	Asstt. D.A.	8617821633

**AGRI-IRRIGATION**

DESIGNATION	CONTACT NO
-------------	------------

	Landline	Mobile
Executive Engineer	03582-222554	7479039771
Asstt. Engineer	03582-222332	7001522553

**AGRI-MECH**

DESIGNATION	CONTACT NO.
Executive Engineer(A-M) Cooch Behar(A-M) Division	7908483989
Assistant Engineer (A-M) Cooch Behar(A-M) Sub-Division	8250907001
Assistant Engineer (A-M), Mathabhanga Sub-division	8250907001

**ANIMAL RESOURCE DEVELOPMENT**

<p><b>District Control Office</b>  <b>Phone: 03582-227804      Fax: 03582-227776      E mail:</b>  <b>ddardcoochbehardarahwb .org</b>  <b>Dr. Manoj Golder, DD, ARD, CBR- 9832366394</b></p>
--

Sub Division	SI No	Block	Name & Designation of official	Contact No
Cooch Behar Sadar	1	Coochbehar-I	Dr. Rupa Baral, BLDO	9903840236
	2	Coochbehar-II	Dr Sourav Kanti Biswas,BLDO	9674330222
Dinhata	3	Dinhata-I	Dr Pradip Mandal,BLDO	8420253884
	4	Dinhata-II	Dr SK. Samsuddin, BLDO	9007158064
	5	Sitai	Dr Pratap Sinha,BLDO	8172093621
Mathabhanga	6	Mathabhangha-I	Dr Swapan Das ,BLDO	8001371168
	7	Mathabhangha-II	Dr Supada Biswas ,BLDO	9007122278
	8	Sitalkuchi	Dr Chandan Roy,BLDO	7477518258
Mekhliganj	9	Mekhliganj	Dr Debasis Barman, BLDO	7602483293
	10	Haldibari	Dr ,Sobhananda Bhattaycharya BLDO	8918615342
Tufanganj	11	Tufanganj-I	Dr Tarak nath Karmakar,BLDO	9007778518
	12	Tufanganj-II	Dr Basudev Dutta,BLDO	9832034286

**BSNL**

DESIGNATION	LANDLINE	Contact No.
TDM/COB	03582-225977	9434001605

ADM/Admin/COB	03582-225944	9434095131
SDE/PLG & ADM	03582-225944	9434095131
SDE ,Sales	03582-227988	9434685902
SDE (Gr.)/COB	03582-228219	9434096113
SDE(Teans)/MTG	03582-230066	9434685902
SDE(Intl)/COB	03582-224266	9434685902
I,II & RSU/COB	03582-225444	9434349912
A.O.(TR)	03582-227914	9434405901
SD, NS/COB	03582-228000	9434001233
JAO,(CMTS) Finance	03582-227914	9434096114
SDE,Grp.&Inst.. Dinhata	03581-255257	9434685902
SDE, Grp, Tufanganj	03582-244777	9434096113
SDE,Grp.,Mathabhanga	03583-256700	9434685902
SDE, Mekliganj	03584-255400	9434685902

**CENTRAL WATER COMMISSION**

<b>Name of the Office with Postal Address</b>	<b>Fax No.</b>	<b>Phone No.</b>
The Chief Engineer Brahmaputra & Barak Basin, CWC	0364-2232294	0364-2534424
Superintending Engineer (C) Brahmaputra & Barak Basin	-DO-	0364-2232294
Executive Engineer, Lower Brahmaputra Division	03561-230677	03561-230677/230622/
Assistant Executive Engineer (HQ)	-DO-	03561-230677
Extra Assistant Director (Met),	-DO-	-DO-
Assistant Engineer (W/L),	-DO-	-DO-
Assistant Engineer, Torsa-Raidak-Sankosh Sub-divin	-	03548-222320
Assistant Engineer, Upper Teesta Upper Mahananda Sub-divin	-	0353-2426684
Assistant Engineer, Jaldhaka Lower Teesta Sub-divin	-	03561-230677
Assistant Engineer, Manas-Sankosh-Teesta Link Canal Inv.	-	03564-255713
Assistant Engineer, Sankosh Inv.Sub-divin-I	-	03564-255713

<b>DISTRICT INDUSTRIES CENTRE</b>	<b>DESIGNATION</b>	<b>OFFICE NO.</b>	<b>MOBILE NO.</b>
	GM, DIC	03582-222428	9474469772

**ICDS**

<b>NAME</b>	<b>DESIGNATION</b>	<b>OFFICE NO.</b>	<b>MOBILE NO</b>
Sri Harekrishna Roy	DPO, ICDS		9734152807

Sri Goutam Das	DSWO		7687862118
----------------	------	--	------------

**FIRE & EMERGENCY SERVICES**

Name of the fire station	Designation	Telephone Number
Cooch Behar Fire Station	Station Officer-I	03582-225434
	Station Officer-II	03582-229101
Tufanganj Fire Station		03582-224203
Dinhata Fire Station	Station Officer-I	03581-255115
	Station Officer-II	03581-255101
Mathabhanga Fire Station	Station Officer-I	03583-255298
Mekliganj Fire station	Station Officer	03584-255250
Haldibari Fire Station	Station Officer	03561-263200

**FOOD & SUPPLIES**

Designation	Contact No.
District Controller	9832013150
Assistant District Controller	7908155969
Sub-divisional Controller CBR Sadar	9124476343
Sub-divisional Controller, Mathabhanga	9874536775
Sub-divisional Controller Mekliganj	9800748373
Sub-divisional Controller Dinhata	7602771049
Sub-divisional Controller Tufanganj	9733088027
Inspector, Food & Supplies, Cooch Behar-I	9734963004
Inspector, Food & Supplies, Cooch Behar-II	
Inspector, Food & Supplies, Tufanganj-I	9647703167
Inspector, Food & Supplies, Tufanganj-II	9851235208
Inspector, Food & Supplies, Dinhata-I	7384760356
Inspector, Food & Supplies, Dinhata-II	9800394973
Inspector, Food & Supplies, Mathabhanga-I	7908009459
Inspector, Food & Supplies, Mathabhanga-II	7029564702/ 7407932996
Inspector Food & Supplies, Sitai	7384760356
Inspector, Food & Supplies, Sitalkuchi	7029564702/ 7407932996
Inspector, Food & Supplies ,Haldibari	9474626528
Inspector, Food & Supplies , Mekliganj	9609889130

**FOREST**

DESIGNATION	LANDLINE NO.	MOBILE NO.	E-MAIL ID
DFO , COOCH BEHAR DIVISION		9434871233	<a href="mailto:cobdivivn@gmail.com">cobdivivn@gmail.com</a>
DFO, JALDAPARA WILD LIFE		9739335132	

DIVISION			
ADFO, COOCHBEHAR		9735784066	

**Control Room District Hq. (Relief Section)**

District Magistrate	Ph. No.	03582- 227101
C.W.C. Cooch Behar	Ph. No.	03582- 222320
CMOH, Cooch Behar	Ph. No.	8391021153
Dy CMOH-II, Cooch Behar	Ph. No.	8391021153

**Sub-Division Hq.(Relief Section)**

SDO Cooch Behar Sadar	Ph. No.	03582- 227105
SDO Dinhata	Ph. No.	03581- 255001
SDO Tufanganj	Ph. No.	03582- 244220
SDO Mathabhanga	Ph. No.	03583- 255287
SDO Mekliganj	Ph. No.	03584- 255297

**Sub-Divisional Hq.(Health )- Hospitals Superintendent**

MJN MCH	Ph. No.	03582- 228779	Mob. No.	9474762434
S.D. Hosp. Dinhata	Ph. No.	03581- 256002	Mob. No	9434542822
S.D. Hosp. Tufanganj	Ph. No.	03582- 244242	Mob. No	9434184795
S.D. Hosp. Mathabhanga	Ph. No.	03583- 255261	Mob. No	9432879769
S.D. Hosp. Mekliganj	Ph. No.	03584- 255275	Mob. No	9433943383

**Sub-Divisional Hq.(Health )- ACMOH**

ACMOH Sadar	Mob. No	9836144980
ACMOH Dinhata	Mob. No	9836144980
ACMOH Tufanganj	Mob. No	9477609672
ACMOH Mathabhanga	Mob. No	9932389884
ACMOH Mekliganj	Mob. No	9434450367



**Block Head quarter**

<b>Health</b>		<b>Relief Section</b>		
BMOH, Dewanhat	9593216565	BDO-COB-I	03582	274555
BMOH, Pundibari	9002442002	BDO-COB-II	03582	270221
BMOH, Natabari	7029254647	BDO-TUF-I	03582	244231
BMOH, Boxirhat	8900595991	BDO-TUF-II	03582	263224
BMOH, Gosanimari	8670885609	BDO-DIN-I	03581	255045
BMOH, Bamanhat	9933643754	BDO-DIN-I	03581	244201
BMOH, Sitai	9330329332	BDO-Sitai	03581	285231
BMOH, Sitalkhchi	9007422443	BDO-Sitalkuchi	03583	283231
BMOH, Mathabhanga-I	9851589225	BDO-Mathabhanga-I	03583	255260
BMOH, Ghoksadanga	9609837243	BDO-Mathabhanga-II	03583	255257
BMOH, Changrabanda	7980284040	BDO-Mekhliganj	03584	244345
BMOH, Haldibari	8293423122	BDO-Haldibari	03561	263241

**AMBULANCE SERVICE**

<b>Sl. No.</b>	<b>PROVIDER</b>	<b>PHONE NUMBER</b>
1	GVK-EMRI	102

**INFORMATION & CULTURE**

<b>DESIGNATION</b>	<b>MOBILE NO.</b>
District Information & Cultural Officer	9434258464

3.4 COOCH BEHAR IRRIGATION DIVISION

TELEPHONE / MOBILE NOS. OF OFFICERS  
FLOOD CONTROL ROOM NO. - 03582 - 229114,

SL. NO.	NAME OF OFFICER	DESIGNATION	CONTACT NO.
1.	Shri Pralay Mandal	EXECUTIVE ENGINEER , COOCHBEHAR IRRIGATION DIVISION	03582- 2282305 ( O ) 8637005419 ( M )
2.	Shri BISWAJIT PAL	A.E. / S.D.O.  COOCHBEHAR IRRIGATION SUB- DIVISION.	03582 - 227338 ( O )  7908423309 (M)
3.	Shri SOURAVE SEN	A.E. / S.D.O.  TUFANGANJ IRRIGATION SUB- DIVN.	03582 - 224260 (O)  7001706962 (M)
4.	Shri SREEBASH GHOSH	A.E. / S.D.O.  MATHABHANGA IRRIGATION SUB- DIVN	03583- 255065 ( O )  9434442559 (M)
5.	Shri Samir Barman	A.E. / S.D.O.  Mekhliganj (Maynaguri) IRRIGATION SUB- DIVN	9800868398

3.5 Jalpaiguri Irrigation Control Room No

PHONE:- 03561-230153  
FAX:- 03561220101  
TOLL FREE - 18003453255

**PHE**

DESIGNATION	LANDLINE NO.	MOBILE NO.
EXECUTIVE ENGINEER, PHE, COOCH BEHAR	03582-223005	7908144621
ASSISTANT ENGINEER ( HQ )	03582-223004	7318660285

ASSISTANT ENGINEER, MTB	03583-255369	9851703655
ASSISTANT ENGINEER ( Tufanganj)	03582-244658	8918100242
ASSISTANT ENGINEER, Cooch Behar Sadar,Sub-division.	03582-223108	9051048519

**POLICE CONTROL ROOM : Tel No. 03582-227800,  
Tel No. 03582-227781, ( Office)**

**POLICE**

SL NO.	DESIGNATION	OFFICE
1	Superintendent of Police	03582-227632 (O)/ 03582-227632 (R)
2	Additional Superintendent of Police	03582-227643 (O)/ 03582-227342 (R)
3	District Crime Records Bureau	03582-231271
4	Superintendent of Police, DIB	03582-227661
5	Superintendent of Police, DEB	03582-227887
6	Dy. Superintendent of Police.(HQR)	03582-227831

**SUB-DIVISIONAL POLICE OFFICERS**

DESIGNATION	OFFICE
SDPO, TUFANGANJ	03582-244044
SDPO, DINHATA	03581-227800
SDPO, MATHABHANGA	03583-255201
SDPO, MEKHLIGANJ	03584-255201

**PWD**

DESIGNATION	LANDLINE NO.	MOBILE NO.
Executive Engineer, PWD, Cooch Behar		8348659670

Executive Engineer, Teesta Bridge Construction Division		9832038665
Executive Engineer, Electrical, Cooch Behar		9434367598
Executive Engineer, Cooch Behar Highway Division PWD	03582-222242	8777397990

**SCHOOL EDUCATION (PRIMARY)**

<b>Designation</b>	<b>Landline No</b>	<b>Mobile No</b>
District Inspector of Schools, Primary Education	03582-222526	7908523351

**SCHOOL EDUCATION (SECONDARY)**

<b>Designation</b>	<b>Landline No</b>	<b>Mobile No</b>
District Inspector of Schools, Secondary Education	03582-227766	8250071006
Assistant Inspector of Schools,Cooch Behar, Sadar	03582-222650	9434490987
Assistant Inspector of Schools,Mathabhanga	03583-257237	9641688138
Assistant Inspector of Schools,Dinhata	03581-259368	8250923358
Assistant Inspector of Schools,Tufanganj	03582-246680	9641688138
Assistant Inspector of Schools,Mekhliganj ( In-Charge)	03584-255531	8116076388

**WBSEDCL, Cooch Behar Division**

**PHONE NUMBER OF OFFICERS OF COOCH BEHAR DIVISIONAL OFFICE:**

SI No.	Designation	Mobile No.
1	DE & Division Manager	8900795215
2	Division Office,D.E(Tech)	8900795218
3	Division Office,A.E(Tech)	8900795220
4	SM(CoochBehar)	8900795222
5	SM(Khagrabari ccc)	8900795224
6	SM(Newtown ccc)	8900795227
7	SM(Tufangang ccc)	8900795226
8	SM(Boxirhat ccc)	8900795223
9	SM(Mathabhanga ccc)	8900795262
10	SM(Sitalkuchi ccc)	8900795263
11	SM(Sitai ccc)	8900795244
12	SM(Dinhata 1 ccc)	8900795243
13	SM(Dinhata 2 ccc)	8900795245

1	COOCHBEHAR 33/11 KV	8900795232
2	KHAGRABARI 33/11 KV	8900795233
3	BALARAMPUR 33/11 KV	8900795251
4	GHUGUMARI 33/11 KV	8900795230
5	TUFANGANJ 33/11 KV	8900795234
6	CHAKCHAKA 33/11 KV	8900795229
7	DINHATA 33/11 KV	8900795253
8	MATHABHANGA 33/11 KV	8900795265
9	SITALKUCHI 33/11 KV	8900795267
10	BHOGRAMGURI 33/11 KV	8900795269
11	AKRAGHAT 33/11 KV	8900795266
12	SITAI 33/11 KV	8900795248
13	BAMANHAT 33/11 KV	8900795252

**ZILLA PARISHAD, COOCH BEHAR**

DESIGNATION	CONTACT DETAILS			
	OFFICE	RESIDENCE	MOBILE NO.	E-MAIL ID
A.E.O., ZILLA PARISHAD	03582-222527	03582-227567	8373082103	<a href="mailto:aeo.cbr@gmail.com">aeo.cbr@gmail.com</a>
DISTRICT ENGINEER	03582-223634	Nil	7602082157	

**FISHERIES**

DISTRICT LEVEL	SL.No	Name.	Designation.	Mobile No.	Office No.	e-mail
	1.	Dhiren Murmu	Asst. Director of Fisheries, Cooch Behar	9933920898	03582-222384	<a href="mailto:adfcoochbehargmail.com">adfcoochbehargmail.com</a>

**CHAPTER 4:**

## PREVENTION AND MITIGATION MEASURES

### MITIGATION PLAN

#### 4.1 SECTOR WISE VULNERABILITY REDUCTION MEASURES :

Type/ of Sector	Sub sector	Mitigation measures	Department Concerned	Time Frame
<b>Infrastructure Development</b>	IEC activities	Wall writing, IEC on Hazard risk information	Disaster Management Dept.	Throughout the year.
	Road	Restoration of all damaged roads as identified	PWD/Zilla Parishad	Before the monsoon strikes
		PWD (Roads) will take care of approach roads towards specific areas assessed to be vulnerable. Gram Panchayat Pradhans are to take appropriate measures pertaining to their respective areas in matters of ensuring access to village roads especially in vulnerable areas. In this regard sustainability approach needs to be taken.	Irrigation. PWD (Roads) Gram Panchayat, Panchayat Samiti and Zilla Parishad	Before the monsoon strikes
	Embankment	Protection of Weak Bundhs as identified on the both sides of river from erosion	Irrigation Department	May-June
	Bridges	PWD (Roads) will take care of bridges and culverts towards specific areas assessed to be vulnerable. Gram Panchayat Pradhans are to take appropriate measures pertaining to their respective areas in matters of ensuring access to bridges and culverts especially in vulnerable areas.	PWD Gram Panchayat, Panchayat Samiti and Zilla Parishad	Before the monsoon strikes
	Safe Shelters	-A list of schools to be used as shelters will be available with the GP and Block administration along with the names and contact nos. of the nodal persons. Similarly number of victims who are likely to take shelter should be made available with the nodal teachers of the concerned schools. All nodal teachers to be included as members of the BDMC and GPDMC Meeting of the nodal teachers with block and panchayat officials will be conducted. Emergency Preparedness and Response plans of such schools will be prepared and shared with the Block Officials. Required nos of toilets, water points, cooking arrangements, ramps etc. will be in place much before the hazard. Students, teachers and parents teams will be formed for shelter management Specific duties will be allocated and check list will be prepared and made available to all concerned teams. -Do's & Don't's with important contact nos will be written in local language and put in prominent places. -Moreover other safe shelters should be constructed at high land, with good communication facility, Construction code should be followed	Gram Panchayat, Panchayat Samiti and Zilla Parishad & District Inspector of Schools/ Sub Inspector of Schools/Respective Headteachers	May-June

	Communication	<p>-Telephone department will ensure and maintain uninterrupted communication system across the district, especially in vulnerable areas.</p> <p>-List of important telephone numbers will be made available to all concerned.</p> <p>-Solar Chargers with multiple charging facilities will be in place in sufficient nos. for charging the mobile phones. Police Wireless Set to be placed in all the PS and should be open for 24 hrs</p>	<p>BSNL SDO BDO Panchayat Samity Police</p>	<p>Before the monsoon strikes</p>
	Drinking water and sanitation	<p>Physical verification of the status of all the drinking water sources and community toilets</p> <p>Appropriate corrective measures will be taken based on the information, received by the verification team. Adequate water facility and distribution will be ensured in all villages by installing new PHE connections and tube wells. Awareness generation Campaign against open defecation will be done extensively under Nirmal Bangla Abhiyan.</p> <p>Identify the place for temporary toilets and bathing places for men and women separately.</p>	<p>Health &amp; Family Welfare Panchayat Samity Gram Panchayat Public Health Engineering NGOs</p>	<p>Before March</p>
	Power	<p>-Physical verification of the cables, transformers, street lights etc will be done and adequate corrective measures will be taken to avoid inconveniences during and post disaster periods.</p> <p>-Solar panels will be fitted to avoid darkness during power cut.</p> <p>-List of generators with telephone nos. of the contact persons will be made available with the concerned officials so that they can hire the services as and when required, or these generators can be put on stand by condition in the safe shelters. Arrangements of the fuel for Generators to be kept ready.</p>	<p>West Bengal State Electricity Distribution Company Limited (WBSEDCL) WEBREDA</p>	<p>Before May-June</p>
	Technology dissemination	<p>-Project planners and managers will make informed choices about the most appropriate technologies for risk reduction in particular contexts. So called 'appropriate' or 'alternative' technologies are well accepted to local level application and community management.</p> <p>-Such technologies can use a range of materials that are easily obtained locally (such as stone, wood, earth), recycled materials and living trees and plants.</p> <p>-Active volunteers, villagers will be informed about the technology being taken up through different orientation programme and meetings.</p>	<p>Disaster Management Department Panchayat Samity Gram Panchayat</p>	<p>Before May-June</p>
Health	IEC activities	<p>IEC materials will be developed on Use of Halogen Tablets, how to prepare safe drinking water using Sodium Hypochlorite, safe use of bleaching powder, how to prepare ORS,</p> <p>-Do's and Don'ts of Sanitary habits, time and dosages of vaccines, how to identify poisonous and non-poisonous snakes bites, First Aid</p> <p>– use of bandages, CPR, etc issues on different materials for distribution amongst the mass.</p>	<p>Health &amp; FW Department, NGO</p>	<p>Before March</p>

Health	IEC activities	Health and Family Welfare department will keep ready of sufficient quantum of bleaching powder, halogen tabs. BMOHs will arrange for medicine during and post flood situation	Health & FW Department, NGO	Before March
Animal Resource Development	Vaccination	Livestock Department, will take necessary steps to ensure stock in respect of cattle fodder as assessed and the VS will arrange for cattle vaccine etc. to combat flood situation. VS will also complete the cattle vaccination before heavy rainfall. Pradhans will disseminate the idea of cattle vaccination before monsoon.	Animal Resource Development Department	May-June
	Training	Arrangements of training for Local youths club members, Farmers, and members of SHGs to be made on the health related issues and vaccination, animal care and facilities available for insurance.	Health & Family Welfare, Animal Husbandry, GP, NGO	Throughout the year
Livelihood Sector	Awareness	The dissemination of information promptly and correctly is the prime focus of risk management. Vulnerable Communities need to know about the hazards and risks they may encounter and the measures they can take to mitigate and prepare for potential disasters. Without such knowledge, they cannot easily protect themselves. Development and disaster professionals also need to know about the views and priorities of the target vulnerable groups.		
		The aim of awareness / public education programme is to create what is often called a 'culture of safety', where awareness of risk and adoption of risk reduction measures are part of daily life. It is relatively easy to improve understanding of hazards and risks and how to deal with them, but harder to change people's behaviour so that they take up appropriate measures, individually or collectively.		

Livelihood Sector	Agriculture	<ul style="list-style-type: none"> <li>-Use of Bio- composed, bio- fertilizer, seed bank preparation, minimum use of chemical fertilizer, promotion of effective contingency crop planning to deal with year to year climate variations.</li> <li>-Promotion of effective crop diversification program including the use of hazard resistant crops, to deal with shifts in climate patterns.</li> <li>-Ensuring sustainable livelihoods in areas of recurrent climate risks by promoting supplementary income generation from off-farm (e.g. animal husbandry) and non-farm activities (e.g. handicrafts).</li> <li>-Promotion of effective insurance and credit schemes to compensate for agricultural related damage and losses to livelihoods due to natural.</li> </ul>	Agriculture Department	Throughout the Year
	Fishery	People engaged with fishing will be covered under mass awareness programme	Fisheries Department	Throughout the Year
		Communities will be imparted training on growing Ornamental fishes as an alternative livelihood programme	Fisheries Department	Throughout the Year



	Allied activities	Disruption of electricity supply is the major impact in most of the vulnerable areas. Food & Supplies Department, will take all possible actions for a buffer stock of 4000 lts of Kerosene Oil. -Communities will be trained to have their Family Survival Kits ready	Disaster Management Department, NGOs	May-June
	Horticulture	Saplings of good quality fruit bearing trees will be supplied to the villagers.	Horticulture & FPI Department	Seasonal
Insurance	IEC activities	IECs will be developed to generate awareness and educate people on the benefits of the insurance, different insurance schemes, how to apply, whom to contact, etc. A Hand Bill depicting the story of a vulnerable family having the similar experience and insurance coverage of their animals, crops and construction and how they were benefited after disaster strikes will be published.	Disaster Management Department, Insurance Companies	Throughout the Year

	Infrastructure	-Insurance camps will be organized jointly by the Disaster Management Department, Insurance Companies and NGOs on the benefits of insuring buildings and other infrastructures, premiums to be paid, advantages and disadvantages of different schemes for the concerned families. -Special efforts will be there in SHG and FC trainings on insurance on the benefits of insuring buildings and other infrastructures.	Disaster Management Department, Insurance Companies, NGOs	Throughout the Year
	Livelihood	-Insurance camps will be organized jointly by the Disaster Management Department, Insurance Companies and NGOs on the benefits of insuring crops, animals and other essential equipments premiums to be paid, advantages and disadvantages of different schemes for the concerned families. -Special efforts will be there in SHG and FC trainings on insurance on the benefits of insuring buildings and other infrastructures on the benefits of insuring crops, animals and other essential equipments.	Disaster Management Department, Insurance Companies, NGOs, DRDC	Throughout the Year
	Life	-Insurance camps will be organized jointly by the Disaster Management Department, Insurance Companies and NGOs on the benefits of Life insurance, health insurance, accident insurance etc. premiums to be paid, advantages and disadvantages of different schemes for the concerned families. -Special efforts will be there in SHG and FC trainings on insurance on the benefits of insuring buildings and other infrastructures on the benefits of insuring crops, animals and other essential equipments.	Disaster Management Department, Insurance Companies, NGOs	Throughout the Year

## **CHAPTER 5:**

### **PREPAREDNESS MEASURES**

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 round of planning, organizing, training, equipping, exercising, evaluating and taking corrective actions.

1. **IRT:** As per NDMA's IRS guidelines which prescribe Incident Response Team (IRT) at District, Sub-Division, Tehsil and Block level should be constituted under the written directives of District Magistrate (DM). These teams will include experienced officers / employees at all levels and respond to all natural and man-made disasters. The lowest administrative unit (Sub-Division, Tehsil or Block) will be the first responder as the case may be. IRT at all levels will have same structure, i.e. IC supported with Operation, Planning and Logistic sections. The IRTs are to be pre-designated at all levels.
2. **District Emergency Operations Centre (DEOC):** District Emergency Operations Centre becomes a nodal point for overall coordination of planning and response. Its main duty is to ensure that the EOC facility has required communication (connecting all stakeholders vertically and horizontally), Decision support system, alert and warning system in working conditions.

#### **EOC SOP**

1. Emergency numbers existing for Police, Fire and Medical support etc. are linked to the EOC for response, command and control under an SOP. For e.g., if there is any fire incident, the information should not only reach the fire station but also the EOC and the nearest hospital to gear up the emergency medical service.
2. NGOs carry out their activities in an equitable and non-discriminatory manner. Set up wherever possible an NGO Coordination Centre.
3. Ensure that telephone directory of all ESF is prepared and available with EOC and members of IRTs.
4. Ensure that adequate exercises are conducted for testing the plan and gaps analyzed.
5. Outline plan to receive support from State and Central Government in a major disaster (e.g. helipads, evacuation, food distribution, medical support).

## PREPAREDNESS OF LINE DEPARTMENT

### 5.01: AGRICULTURE

**Introduction:** - Coochbehar , the North Eastern district of West Bengal is situated between 26°57'40'' N to 26°32'20'' N and 88°47'40'' to 89°54'' E Latitude. The average rainfall varies from 3300 to 3400mm. Pre monsoon rainfall starts from March and it continues to October. During last year the pre monsoon cyclone affected the crops maize Jute, Maize and Boropaddy. The Cyclone normally hits the district within last week of March to April. Early and Late flood both are common in this district. In this situation the following precautionary measures are normally taken to combat the situation. However the actual compensation is provided by the Department after the damage is assessed .

Some salient features in relation to flood or flood-like situation arising in this district are furnished below:-

### AGRICULTURE AT A GLANCE IN COOCH BEHAR DISTRICT.

1	Total geographical area	338700 HA
2	Net area shown	250611 HA
3	Cropping Intensity	209%
4	No. of Bargadars	85959 nos.
5	No of Patta Holders	141865 nos.
6	No. of small farmers	50748 nos
7	No of Marginal Farmers	249437 nos
8	Total area of Kharif crops	255000 HA
9	Flood area of different Sub divisions	Cooch Behar Sadar..15970 HA Dinhata 9995 HA Mathabhanga 10450 HA Mekhliganj- 5585 HA
10	Total Flood Prone Areas of Cooch Behar	42000 HA

11	Normal Rainfall	3344.6 mm
12	Rainfall during June to September (Average of last 5 years)	3600 mm

**1) PREPAREDNESS FOR FLOOD CONTROL;-**

<b><u>PLAN TO COMBAT FLOOD/PRE MONSOON CYCLONE</u></b>	
<b><u>PLAN FOR PRE MONSOON CYCLE</u></b>	
1	Distribution of Jute seed kit and urea if cyclone affected within April.
2	Distribution of Paddy seed kit for preparation of Paddy seed bed.
3	Distribution of vegetable seeds like Brinjal, Chillies may be done.
<b><u>PLAN FOR EARLY FLOOD</u></b>	
1	Raising of Community Nursery Seed Bed in Govt Farm( 9 Nos of farm) x0.4 ha = 3.6 ha
2	Storing of short duration variety Paddy seed at govt farm & dealers end throughout the district.
3	Preparation of seed bed by <b>DAPOG</b> method.
4	Adoption of <b>SRI</b> method for Rice cultivation.
5	Adoption of closer spacing and use of more seedlings per hill.
6	Adoption of <b>Double transplanting</b> .
7	Adoption of Rice cultivation through <b>DRUM SEEDER</b> .
8	Storing of Paddy Straw in Govt. farms.
9	Day to day transmission of Rainfall data.
10	Recommendation of Crop Loan under KCC.
11	Ensure the crop insurance .
Distribution of following seed kit with fertiliser –	
i) <b>Paddy : 40000 @ 10 kg/kit</b>	
ii) <b>Black Gram(Kalai) : 5000 @ 4kg/kit</b>	
iii) <b>Urea/10:26:26 : 50000 @10 kg/kit</b>	
<b><u>PLAN FOR LATE FLOOD</u></b>	
Regular visit & reporting.	
Estimation of crop damage area & loss of production.	
Preparation of the list of affected farmers.	
Compensation through Rabi seed kits (need based) of following crops-	
i) <b>Mustard : 30000 @ 1kg/kit</b>	
ii) <b>Maize : 25000 @ 3kg/kit</b>	
iii) <b>Wheat : 1000 @ 15kg/kit</b>	
iv) <b>Lentil : 800 @4kg/kit</b>	
v) <b>Ground nut : 1000 @ 15kg/kit</b>	
vi) <b>Black Gram (Kalai) : 5000 @ 4kg/kit</b>	
Compensation of food production through distribution of –	
i) <b>Urea : 50000 @ 10 kg/kit</b>	
ii) <b>NPK-10:26:26 : 48000 @ 10 kg/kit</b>	
iii) <b>Boro Paddy : 40000 @ 10 kg/kit</b>	
Recommendation to the Bankers for conversion of Short term crop loan to Long term.	
Reclamation of sand laden area by the Soil Conservation wing.	
Organisation of Farmers' training in flood affected areas.	

### **DRY SPELL CONDITION AND DROUGHT LIKE SITUATION.**

- 1) In command area of minor irrigation project, life saving irrigation needs to be arranged in rational basis.
- 2) Recommendation to keep paddy field weed free both in irrigated and non-irrigated areas.
- 3) Field channels should be kept clean to avoid seepage losses of irrigation water.
- 4) Recommendation for storage of rain water required to irrigate the crop during critical period of growth.
- 5) Application of nitrogenous fertilizers to be avoided without irrigation availability.
- 6) As soon as rain received recommendation to apply nitrogenous fertilizer in the field to boost-up the Crops.
- 7) Recommendation to Bankers for crop loan under K.C.C during Rabi.
- 8) Prior intimation to the Agri-Mech.Agril-Irrigation and Minor irrigation Department to keep their Installation in running condition.
- 9) Adoption of SRI (System of Rice Intensification) method as it requires very low quantity of water .
- 10) To supply pump sets to make temporary irrigation installation in typically rainfed areas for life saving irrigation to the transplanted crops.
- 11) Distribution of fuels at subsidized rates to the affected farmers.
- 12) Preparation of Mouza-wari damage report and submission of day to day crop condition report to the higher authority.
- 13) Compensation through rabi seed kits (need based) of following Crop:-  
MUSTARD, LENTIL, GROUNDNUT, MAIZE, WHEAT,KALAI, SESAMUM etc.

#### **RAINFALL MONITORING UNDER METEOROLOGICAL OBSERVATORY**

There are 9 Nos. of meteorological observatories to record daily meteorological data in different sub-division/block of this district for transmission to the competent authority.

## **5.02: ANIMAL RESOURCE DEVELOPMENT**

### **ACTION PLAN FOR CONTROL OF NATURAL CALAMITY LIKE CYCLONE & FLOOD, ETC. FOR THE YEAR 2022-23**

Livestock disasters are primarily due to the following of risks:-

**Natural Disaster:** - Flood, Drought, Cyclone, Earth quake etc.

**Infectious Disaster:** - Zoonotic and non-zoonotic disease.

**Fodder scarcity/ Fodder poisoning.**

**Miscellaneous:** - Trans-boundary Diseases

Considering the above risk the action plan may be grouped in three phases:-

- 1) **Preparedness in Anticipation**
- 2) **Immediate Action**
- 3) **Post disaster Action**

#### **1. Preparedness in Anticipation:**

- a) Training facilities are being conducted for all Veterinarians & Para-veterinarians twice in a year on the

management of routine disease disaster such as Bird flu, FMD, PPR, Anthrax & other zoonotic and non-zoonotic diseases along with risk management at Natural Calamities like feed & fodder scarcity/poisoning, trans-boundary diseases etc. Capacity building training are being conducted through Block level & District Level by the expert Veterinarians regarding formation of RRT, including Pranibandhu, Pranisebi, Pranimitra, village social workers P.P.I. bodies etc. as well as awareness regarding temporary makeshift shelters at suitable place to avoid contaminated water, grains, feedstuffs, poisonous chemicals, proper burials of dead carcass for making clean environment.

**b)** The essential inputs like medicine, vaccine, etc. to save the affected livestock are to be placed to the field units under BLDO(s) for restoration of health works in the affected areas. Paddy straw & balanced cattle feed (like EPIC/HIMUL) is to be provided to the affected cattle after approval from the Dist. Administration.

**c)** Shelter House development is the prime need based component for shelter of the affected livestock during disaster, such type of works should have to be developed by the P.S. in each of the Block or Highland should have to be searched out for rehabilitation of the livestock on temporary basis.

## **2. Immediate Action on face of Disaster:**

**a)** Opening of control room at both District & Block level.

**b)** Assessments are to be made in the Block level for requirement of feed and fodder, medicines, vaccines etc and to be communicated to the Dist. H.Q. and from Dist. H.Q. the same will be communicated at once to the Director, AH&VS accordingly.

**c)** In the face of the disaster, Animal Health Camps are to be opened immediately at the nearest place of the affected area and the temporary shelters are to be made for rehabilitation of livestock with feed, medicines and vaccines and assessments are to be made for losses.

**d)** Information flow sheet should be as follows:-

i) L.D.A of A.D.A.C. → Veterinary Officer (ABAHC/BAHC/SAHC) → B.L.D.O. → B.D.O./Dist. H.Q.

ii) Veterinary Officer → B.L.D.O. → B.D.O./Dist. H.Q.

iii) Dist. H.Q. → Sabhadhipati Z.P./D.M/D.A.H.&V.S

**e)** Arrangement of need based relief materials for the affected livestock with the help of local administration and panchayat (at Block level BLDO only place requisition for tarpaulin to the BDO for making temporary shed for cattle and other livestock).

**f)** Intimation and technical guidance are to be given to the removal team of Civil Defence Organization/Panchayat bodies to remove carcasses.

**g)** Arrangements to be made from BLDO'S for supply of life saving drugs and vaccines (if required) from the stock reserve to the affected area on the basis of demand.

**h)** Trans- boundary diseases like Bird Flu, FMD etc. occurs in the border areas of the District and may cause considerable mortality or losses in the productivity. Both preparedness and action taken measures are of prime importance.

**i)** Inter-departmental supports i.e B.S.F., P.H.E. Deptt., Agriculture; PRI-bodies etc. are highly solicited in risk management during disasters.

### **3. Post Disaster Management:**

- i) Economic rehabilitation of affected livestock farmers with small units of poultry, Goatery, etc.
- ii) Piggery, dairy in consultation with Panchayat Samity may be provided immediately after calamity.
- iii) Model Livestock Schemes to be implemented in consultation with Panchayat Samity.

### **5.03: HEALTH**

#### **1. PREPAREDNESS:-**

All BMOHs will conduct a meeting with BDO, Sabhapati and other relevant Officer immediately to

Chalk out a management plan for combating flood in their jurisdiction. The Disaster prone areas are to be

Identified and a list of vulnerable and cut-off villages have to be prepared considering the occurrence in the past. A tentative list of vulnerable area is enclosed.

#### **2. PREVENTIVE MEASURE :-**

Water born diseases like Diarrhoea, Typhoid, Infective Hepatitis & Dysentery are common phenomena during and post flood period. Therefore emphasis will be given on safe drinking water, personal hygiene, public education including sanitary arrangement to the common people for prevention of epidemic. The disinfection of drinking water sources have to be done immediate after end of flood .Random surveillance and IEC activities will be continued for early detection and early treatment. Necessary instruction was issued to all concern.

#### **3. STOCK & DISTRIBUTION OF MEDICINE :-**

The BMOH will arrange to collect the necessary medicine and disinfectant from the DRS and will store the same in the respective GP / nearest Health Institution for vulnerable and cut-off area. The

quantity of stock will be used for treatment for expected patients about 10% of flood affected population of the area. The in charge of Sub-Centre will also stock the medicine and disinfectant from the BMOH for Sub-centre emergency use. A stock of medicine and disinfectant will also be stored in BPHC for emergency use.

ACMOHs & Dy. CMOH-II will store a stock of medicine and disinfectant for the use of DE Cell & SD Sq. for emergency. Distributed flood medicine in different units if remain unutilized, may be used for treatment of general patient. The flood indents do not include any extraordinary drugs which are not a part of quarterly indent. First installment of drug and disinfectant is ready for distribution and completed within 15<sup>th</sup> May.

**4. TRANSPORTATION & MOBILITY :-**

- (a) BPHCs should keep readying their vehicle on road & keeping contact with respective BDO if necessary for mobility of Medical Team and other purposes.
- (b) Other Officers of Health & FW Dept. have been asked to keep all the vehicles quite ready to meet up the Health Emergency during and post flood.
- (c) The District Magistrate, Cooch Behar is being requested to arrange the vehicles if the necessary more on flood.

**5. FLOOD CONTROLROOM & CELLS:-**

- a) Flood control room will be open at ACMOH Office in Sub-Divisional level except ACMOH (Sadar) and Office of the Chief Medical Officer of Health (PH Wing) in district level under the control of Dy CMOH-II, Cooch Behar during the flood.
- b) During flood emergency both the DE Cell and Sadar Cell will run under direct control of DY CMOH-II, Cooch Behar.
- c) BMOH have been advised to make flood control room and make at least two medical team comprising with one MO and 2/3 PMW staffs to control the flood emergency in the block.
- d) The Control room and medical team will function on Sunday, Saturday and holidays. Only a skeleton unit will attend in CMOH Office and DRS on holidays.

**6. MEDICAL TEAM / HEALTH CARE TEAM:**



In apprehending of impending flood the Medical Team as identified comprise with One MO ,2/3 PMW with medicine & disinfectant should work as per necessity. Any change of member should be replaced forthwith.

All the Camps show open will must be attend at list once in a day by Medical Team. Necessary vehicle should be arranged. Submission of daily report to be ensured.

**7. STAFF DEPLOYMENT:**

During the flood situation the ACMOH's will look after the staff deployment. In emergency purpose they have the controlling power to post the staffs from the non flood affected block to effected block in their jurisdiction.

**8. DISINFECTANT :-**

- (a) **Bleaching Powder** :- Use for disinfection Pond, Well, Tube Well which will be used as drinking water sources in the flood affected areas as well as post flood disinfection work, this work will be done in consultation with the concern Panchayet.

**Pond disinfection** – 30 grains (2 grms.) of Bleaching Powder (25%) are needed to disinfect 100

Gallons of water to achieve the strength of 1 PPM.

**Tube well disinfection** – 25 Liters solution of Bleaching Powder 60 PPM strength. The solution

filtered by a piece of clean Porous cloth and inserted in the pipe of Tube well and head of the Tube well is to be immersed fully in the same preparation of solution for 2 hour.

**Well disinfection** – Calculate the water of the well and apply the Bleaching Powder solution to achieve the strength of 1 PPM.

*Formula to calculate the water content in Well is*

$$D^2 \times DW \times 5 = \text{Gallons of water (1 Gallon = 4.5 Litre)}$$

*Camp/ House disinfection – Bleaching powder to be mixed with lime at the ratio of 1:9 for the purpose of camp and house disinfection.*

- (b) Disinfection by Chlorine Tablet – One Tablet of 4mg for 1(One) liter of clean water but 2 tablet for flood water and turbid water in both places contact period is half an hour.

**Sequence of Well and Tube well disinfection** – Twice in a year in normal situation and once in a week during outbreak.

9. District and Sub-divisional level Officers will be the Zonal Officer of different blocks. The Zonal Officer will visit the respective zone to supervise the block plan, progress of work and submit a report to the Dy CMOH-II with a copy to the CMOH in pre flood and post flood period.

The Blocks against the Zonal Office are as follows:

SL. No	Name of Officer	Block	Mobile No.
1.	Dr. Kousik Chowdhury ,Dy. CMOH-II	COB-II	9475607562
2.	Dr. Sachindra Nath Sarkar, Dy. CMOH-I	COB-I	9434339229
3.	Dr. Mrinal. Adhikary, Supt, Tufanganj SDH	TUF-I	9434184795
4.	Dr. Saikat Bose,ACMOH Tufanganj	TUF-II	9477609672
5.	Dr. Ranjit Mondal	DIN -I	7602198540
6.	Smt Kalyani Chatterjee, DPHNO	DIN-II	9434484484
7.	Dr. Chinmay Barman,Dy. CMOH-III	Sitai	9903902020
8.	Dr. A. Das ,ACMOH, (Mathabhanga	Sitalkuchi	9932389884
9.	Dr. M Hasan ,Supt, (Mathabhanga)	MTB-I	9679314089
10.	Dr. Dr. Sourav Shil ,ACMOH(Sadar)	MTB-II	9836144980
11.	Dr. N Banerjee, DTO	Mekhliganj	9474019510

12.	Dr. J. Sarkar., ACMOH, Mekhliganj	Haldibari	9434450367
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Beside the Zonal Officers, ACMOH's will be the Primary Monitoring Officer of their normal jurisdiction and guide, help the BMOH in respect of all, specially distribution and meticulous use of medicine, disinfectant, deployment of staff if required and Monitor the overall activities on behalf of CMOH and report accordingly.

Medical Team should be kept ready to meet any emergency during flood by the all Superintendents of Hospitals in this district.

**10. Reporting System**

After the occurrence of flood or any kind of disaster a detailed report mentioning the following information should be submitted to the Office of the Dy CMOH-II by special messenger and otherwise within 4 PM in same day positively.

1. Name of GP Affected.
2. Name of SC Affected
3. Name of village with population Affected.
4. No. of rescue camp open with location.
5. No. of camp inmate.
6. No. of Medical Team deployed.

From next day daily report as per proforma should be submitted if fresh area affected later on, the detailed should be submitted as above.

**11. Contact No. for Sending Reports:**

- a) Office of Dy. CMOH-II: Contact No: 8391021153  
Email id : [dycmoh2cbr@gmail.com](mailto:dycmoh2cbr@gmail.com) ,

b) Office CMOH: Tele: Contact No: 8391021153

Email id : [cmoh.cbr@gmail.com](mailto:cmoh.cbr@gmail.com)

c) Office of Dy. CMOH-III:

Email id : [dycmoh3\\_cob@yahoo.co.in](mailto:dycmoh3_cob@yahoo.co.in)

**Additional requirement of flood Emergency Medicine and Equipment  
for Cooch Behar District.**

SL. NO	NAME OF THE MEDICINE	STOCK POSITION AT DRS AS ON 05.02.23	REQUIREMENT
1	Bleaching Powder	194 X 25 kg	200 drum
2	Liq. Phenyle (5 ltr)	447 X 5 lit	200 ltrs
3	Pkt. O.R.S	225465 pkt	200000 pkts
4	Tab. Halazone	32500 tab	2000000 tabs
5	Tab. Cotrimoxazole 400 mg/80 mg	NIL	200000 tabs
6	Tab. Metronidazole	525670 tab	300000 tabs
7	Tab. Paracetamol(650 mg)	531850 tab	300000 tabs
8	Tab. Norfloxacin	9700 tab	100000 tabs
9	Tab. Ibuprofen(400 mg)	370250 tab	100000 tabs
10	Tab. Cetirizine	599210 tab	100000 tabs
11	Tab. Famotidine	702870 tab	200000 tabs

12	<b>Tab.</b> Albendazole	111600 tab	300000 tabs
13	<b>Tab.</b> OxyBromide	NIL	50000 tabs
14	<b>Cap.</b> Amoxicillin( 250 mg)	240000 cap	100000 caps
15	<b>Susp.</b> Albendazole	NIL	2000 bottle
16	<b>Susp.</b> Amoxicillin	6990 Phial	2000 bottle
17	<b>Susp.</b> Metronidiazole	NIL	2000 phs
18	<b>Susp.</b> Paracetamol	8397 Phial	2000 phs
19	Chloramphenicol Eye drop(Cipro)	5330 nos	1000 phs
20	<b>Lot.</b> Mercurochrome	187 phs	200 bottle
21	<b>Liq.</b> B.B. Emulsion	559 bottle	200 bottle
22	<b>Than</b> Bandage	605 than	200 than
23	<b>Than</b> Gauze	1628 than	200 than
24	<b>Pkt.</b> Cotton	1827 roll	200 roll
25	<b>Roll</b> Adhesive Plaster	240 X 4 piece	200 piece
26	<b>Disp.</b> Syringe,5ml	115580 piece	5000 piece
27	<b>Disp.</b> Syringe,2ml.	51200 piece	5000 piece
28	Infusion Set	72490 piece	2000 piece
29	<b>Inz.</b> A.V.S.	2230 vial	500 vial
30.	Susp. Cotrimaxazole	NIL	500 bottle
31.	Susp. cefpodoxime	8100 Phial	500 Phial

**Requirement of fund for Material- Transport (to serve area & population likely to be affected by flood)**

Name of the Affected Block	Vehicle		Boats		Others		Other expenses (Contingency, Loading unloading, IEC) [for 20 Days] (Rs.)	Total Amount Required (Approx) (Rs.)
	No	Hiring charge [ @1500 X 20 Day] (Rs.)	No	Hiring charge [ @1000 X 20 Days] (Rs.)	Type of vehicle (Van Rickshaw)	Hiring charge [ @400 X20 days] (Rs.)		
Cooch Behar-I	1	30000	1	20000	2	16000	12000	<b>78000</b>
Cooch Behar-II	1	30000	1	20000	2	16000	12000	<b>78000</b>
Dinhata-I	1	30000	1	20000	2	16000	12000	<b>78000</b>
Dinhata-II	1	30000	1	20000	2	16000	12000	<b>78000</b>
Tufanganj-I	1	30000	1	20000	2	16000	12000	<b>78000</b>
Tufanganj-II	1	30000	1	20000	2	16000	12000	<b>78000</b>
Sitai	1	30000	1	20000	2	16000	12000	<b>78000</b>
Mathabhanga-I	1	30000	1	20000	2	16000	12000	<b>78000</b>
Mathabhanga-II	1	30000	1	20000	2	16000	12000	<b>78000</b>
Sitalkuchi	1	30000	1	20000	2	16000	12000	<b>78000</b>
Mekhliganj	1	30000	1	20000	2	16000	12000	<b>78000</b>
Haldibari	1	30000	1	20000	2	16000	12000	<b>78000</b>
<b>Total</b>	<b>12</b>	<b>360000</b>	<b>12</b>	<b>240000</b>	<b>24</b>	<b>192000</b>	<b>144000</b>	<b>936000</b>

Approximate requirement of Fund to tackle Health emergency during flood for materials-transport, loading, unloading & contingency is Rs. 936000=00 (Rupees Nine Lakh Thirty Six Thousand) only for 20 days.

**District R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Kousik Chowdhury,Dy. CMOH-II	9475607562
2.	Dr. Dr. Sourav Shil ,ACMOH(Sadar)	9836144980
3.	Sri Tapan Sarkar, District Data Manager	9832182960
4.	Sri Mithun Chanda,District Consultant,NTCP	9474828615
5.	Sri Debangshu Das ,Dist. Epidemiologist	7029556456
6.	Sri Gouranga Karmakar,Consultant(PH & CD)	9563622745
7.	Sri Bibhash Bhattacharjee,GDA	9614785059

**Dewanhat BPHC, Cooch Behar-I Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Dipayan Bose,BMOH	9593216565
2.	Dr. Rohan Mandal, MO	9547026787
3.	Saswati Majumder,Sr. PHN	7908572878
4.	Torisa Das, Block Epidemiologist	6296141007
5.	Sri Shubhajit Dutta,MPHW	9641827279

**Pundibari BPHC, Cooch Behar-II Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Shyamal Das , BMOH	9002442002
2.	Dr. Susmita Saha	9563116294
3.	Pampa Santra,Sr. PHN	9007376593
4.	Dr. Mousumi Das, Block Epidemiologist	7477357098
5.	Sri. Pallab Das,Acting BSI	9749082992

**Natabari BPHC, Tufanganj-I Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr.Samir Singh,BMOH	7029254647
2.	Dr. Satendra Kumar,MO	8972050757
3.	Hrita Debnath,PHN	9851995726
4.	Sri Ajay Debnath	9832115325
5.	Sri Somnath Chowdhury, Executive Assistant	9932204164

**Boxirhat BPHC, Tufanganj-II Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. S. K Md Mohasin,BMOH	8900595991
2.	Dr. Asish Mondal ,MO	9434367265
3.	Smt. Pritikana Talukder, PHN	9474590383
4.	Sri Dharanikanta Rava, HI	9800953809



5.	Sri Sukanta Sarkar, Executive Assistant	9832372078
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**Gosanimari BPHC, Dinhata-I Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Rameswar Ghosh,BMOH	9732090581
2.	Dr. Anjan Hasda,MO	8670885609
3.	Smt. Pinky Paul,Sr. PHN	9735332598
4.	Sri Manas Ojha, Block Epidemiologist	9775635347
5.	Sri Santanu Sarkar, Executive Assistant	9851401453

**Bamanhat BPHC, Dinhata-II Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. K. Roy, BMOH in Charge	9933643754
2.	Smt. Nibedita Sarkar,Sr. PHN	81004 38484
3.	Basana Roy, PHN incharge	9734158178
4.	Bimal Barman,MI(Acting)	9679662958
5.	Sri Ananada Roy,Lab. Tech	9474513603
6.	Sri Uday Bhowmik, Executive Assistant	73195 61110

**Mathabhanga-I BPHC, Mathabhanga-I Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Bimal Adhikary ,BMOH in Charge	9851589225
2.	Dr. Abhisekh Roy,MO,RBSK	9474831099

3.	Smt. Indrani Paul,BPHN	7585966378
4.	Sri Birendra Chandra Barman,HS	9932340061
5.	Sumanta Saha,DEO	9851146474

**Ghoksadanga BPHC, Mathabhanga-II Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. S. C. Gayen, BMOH	9433481347
2.	Smt. Pragati Panda,Sr. PHN	8013391297
3.	Sri Debojit Chaterjee, Block Epidemiologist	9777071440
4.	Sri Goutam Dutta,Pharmacist	9002157457
5.	Sri Santanu Adhikary, Executive Assistant	7001289682

**Sitai BPHC, Sitai Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Ramkrishna Ghosh,BMOH	9330329332
2.	Dr Manaranjan Das ,MO	9804927109
3.	Smt Sipra Barman, Sr. PHN	9434828497
4.	Sri Drubojyoti Patowari,Pharmacist	9614827929
5.	Sri Manas Deb Sharma, Executive Assistant	9733165382

**Sitalkuchi BPHC, Sitalkuchi Block R.R.T.**

Sl. No.	Name	Mobile No.
1.	Dr. Shambo Adhikari,BMOH	9007422443
2.	Dr. Uttam Barman,MO	89673 84141

3.	Madhubala Barman PHN	9609997285
4.	Sri Bibhas Ch. Dakua,Pharmacist	70630 59097
5.	Sri Niloy Paul, Executive Assistant	9046492082

**Changrabanda BPHC, Mekhliganj Block**

Sl. No.	Name	Mobile No.
1.	Dr. Jhantu Baidya,BMOH	7980284040
2.	Dr. Uttam kr Roy,AMO	94341 97718
3.	Smt. Anjana Paul,PHN	9679463422
4.	Dipak Roy,BAF	7679506621
5.	Sri. Arjun kr. Saha, Executive Assistant	9883320488

**Haldibari Rural Hospital Block and Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Dhiman Banerjee, BMOH	8293423122
2.	Dr. Asim Ray,AMO	8016351051
3.	Smt. Tanushree Saha, PHN	9475219503
4.	Sri Sanjay Paul, Executive Assistant	7001384234
5.	Tapan Roy,BAF	9749614390

**Cooch Behar Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Sourav Shil ,ACMOH(Sadar)	9836144980
2.	Dr. Bijay Ray,MO,UPHC-II	9647821246
3.	Dr. P Mitra,MO,UPHC-I	9434201820/8372872180

4.	Smt. Sampa Dey	9434197856
5.	Sri Monoranjan Guha,HI	9434317940
6.	Smt Deepmala Pradhan,Public Health Manager	7001048397

**Tufanganj Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Saikat Bose,ACMOH	9477609672
2.	Dr. Mrinal Adhikary ,Superintendent	9434184795
3.	Sangamitra Roy,PHN,PP Unit	9434443246
4.	Sri Swapan Das,MTS	8918964244
5.	Tirthankar Roy,DEO	9474146044

**Dinhata Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Sourav Shil ,ACMOH(Sadar)	9836144980
2.	Dr. Ranjit Mondal	9434542822
3.	Sri Mithun Banik,Asstt Superintendent	9831895241
4.	Sarik Ekbal ,MTS	9832342987
5.	Arun Basfore,DEO	7384533907

**Mathabhanga Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
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1.	Dr. Dr. A. Das ,ACMOH	9932389884
2.	Dr. Masud Hasan,Superintendents	9679314089
3.	Sabita Borai,PHN,PPUnit	8944882126
4.	Sri Sanjib Chanda,MTS	9593755809
5.	Sri Soumik Hore,DEO	9832057563

**Mekhliganj Municipality R.R.T.:-**

Sl. No.	Name	Mobile No.
1.	Dr. Joydip Sarkar ,ACMOH	9434450367
2.	Dr. Tapas Das, Superintendents	9474960946
3.	Abdul Serif, Asstt. Superintendent	8436789565
4.	Bhanubala Dakua,PHN,PPUnit	9800150680
5.	Harun Rasid,DEO	9851384741

#### **5.04 Cooch Behar Irrigation Division**

1. INTRODUCTION :- Coochbehar Irrigation Division under the administrative control of the Superintending Engineer, North East Irrigation Circle-I, Debibari, Coochbehar is concerned with the flood control and management in the area of the district of Coochbehar. There are large number of rivers originating from the Himalayas of Bhutan passing through the district of Jalpaiguri enter into the jurisdiction of this Division and finally proceed to Bangladesh.

More than 30 number of Rivers flow over the jurisdiction of this Division. The Major Rivers are Sankosh, Gangadhar , Raidak - I, Raidak - II, Kaljani, Torsha, Jaldhaka , Mansai, and Singimari.

The jurisdiction of this division, located on the southern side of District of Jalpaiguri just on the foot hill of Himalayas and there are often flush Flood on the Rivers due to heavy Rain on the Catchment areas (Himalayas on Bhutan). The Bed level of Rivers are gradually rising due to heavy siltation, resulting which water carrying capacity of the Rivers are being reduced and the adjacent area is being threatened in respect of Flood and Erosion

The jurisdiction of this division covers the following Blocks :

Coochbehar Block - I / Coochbehar Block - II / Tufanganj Block – I / Tufanganj Block – II / Dinahata Block - I / Dinahata Block – II / Sitai Block / Sitalkuchi / Mathabhanga Block - I / Mathabhanga Block - II .

The Total length of river bank within this jurisdiction is approximately 1600.0 KM, Since creation (1954) of this Division 24.56 % length has been protected.

#### **2. DAMAGES OCCURRED DURING FLOOD 2022 :**

During Monsoon 2022, due to torrential rainfall from 01.06.2022 to 20.10.2022 severe damages on embankment / structures under the jurisdiction of this Division had taken place, which are as follows -

**Damage of flood protective and anti- erosive structures**

Period of occurrence	Number of locations of damaged structures	Length of damage	Cost of damage	Remarks
01.06.2022 to 20.10.2022	46 Nos.	9270 M	Rs.552.65 Lac	Damage report submitted

**3.. Prevailing arrangements of Flood Warning System:**

1. Control Room of Flood Warning Authority, Cooch Behar will be functioning from its office at Debi Bari, Cooch Behar with Phone No. 229114 (03582) (Yet to be installed).
2. Sub- Divisional Control Room:
  - a) In the office of the S.D.O., Tufanganj Irrigation Sub-Division, Tufanganj  
with Phone No. 244668 (03582) (Yet to be installed)
  - b) In the office of the S.D.O., Mathabhanga, Irrigation Sub-Division, Mathabhanga,  
with Phone No. 255733 (03583) (Yet to be installed)

Control Rooms are expected to be functioning from 01.06.2023 at the onset of S.W. monsoon.

These Control Rooms shall be run by existing staff of Cooch Behar Irrigation Division. These Control Rooms shall remain open 24 hrs. till withdrawal of S.W. monsoon.

The Hydrological observation stations (H.O.S. s) situated beside different rivers under the territorial jurisdiction of Cooch Behar Irrigation Division shall be manned each with Gauge Readers, Khalasis and other staff.

The staffs deputed at the H.O.S. s collect gauge and discharge data of the relevant rivers daily and record in the relevant registers. During the flood season, all the H.O.S. s function round the clock and send messages regarding water-levels of rivers and local weather centrally to control room at Cooch Behar and Sub – Divisional control room at Mathabhanga and Tufanganj. Control room at Cooch Behar usually functions as the central control room of the Flood Warning Authority of Cooch Behar & Executive Engineer, Cooch Behar Irrigation Division, whose primary object is to issue flood warning signals for the rivers within this jurisdiction during the flood season. The staffs deputed at the control room at Cooch Behar collect gauge and discharge data from Alipurduar Control room located at HOS Kaljani of the relevant rivers within the jurisdiction of Alipurduar Irrigation Division daily and record in the relevant registers and

communicate to the District Authority. The flood season officially starts from 1<sup>st</sup> June and ends usually after the 15<sup>th</sup> October of each year.

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

**Guiding Warning Levels of rivers:**

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

**During Normal Flood period**

Gauge Level are observed :- At 3 hours interval.

**During High Flood period**

Whenever the Gauge Level enters within 0.6 Mt. of Yellow / Danger Level. :- Readings are observed at hourly Interval and continued till the Gauge level subsides below normal flood level.

During the Gauge level at Corresponding signal are imposed for that river and it is instantly communicated to the wireless Supervisor of Cooch Behar Police Station, Cooch Behar with request to transmit the message to different addresses. Telephonic messages are sent to local administration and other authorities like Railways, N.H., P.W.D. etc. after which the confirmation copies are sent by messenger or by post.

**4. Locations of existing Hydrological Observation Stations (H.O.S) :**

Under the control of the Flood Control warning Authority, The Executive Engineer, Cooch Behar Irrigation Division, there are 3 (seven) nos of Hydrological Observation Stations (H.O.S.) at the location is given below :

Sl. No.	River on which H.O.S is situated	Protected area	Unprotected area
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	with location		
1)	<b>Torsa at Keshab Ashram</b>	<b>D.L./ Y- 42.07 M</b> <b>E.D.L./ R- 42.68 M</b>	<b>D.L./ Y- 42.07 M</b> <b>E.D.L./ R- 42.68 M</b>
2)	<b>Raidak-I at Tufanganj</b>	<b>D.L./ Y- 35.30 M</b> <b>E.D.L./ R- 35.90 M</b>	<b>D.L./ Y- 35.30 M</b> <b>E.D.L./ R- 35.90 M</b>
3)	<b>Mansai at Mathabhanga.</b>	<b>D.L./Y- 47.90 M</b> <b>E.D.L./R- 48.40 M</b>	<b>D.L /Y- 47.70 M</b> <b>E.D.L./R- 48.20 M</b>

Maximum Gauge Reading in different Rivers (Torsa at Keshab Ashram, Raidak- I at Tufanganj & Mansai at Mathabhanga) from 2013 to 2022 is enclosed.

**Daily Rainfall Data :**

Daily Rainfall data collected from rain gauge Station at i ) Cooch Behar, ii ) Tufanganj and iii ) Mathabhanga

Total Rainfall with maximum rainfall in last year are as below:

<b>RAIN GAUGE STATION</b>	<b>TOTAL YEARLY RAINFALL DURING 2022 IN MM</b>	<b>MAXIMUM RAINFALL IN A DAY IN MM</b>	<b>DATE</b>	<b>Remarks</b>
COOCHBEHAR	3694.60 mm	231.50	28.06.2022	
MATHABHANGA	3113.00 mm	136.00	16.06.2022	
TUFANGANJ	3476.40 mm	204.20	15.06.2022	

**6. Structures / Assets in custody of this Division:**

- 1) Flood Embankment armoured Length – 121.435 K.M.
- 2) Flood Embankment unarmoured Length – 34.150 K.M.
- 3) Bank protection work., Length – 227.498 K.M.
- 4) Spur - 85 Nos Total length – 19.501 KM
- 5) Number of Sluice -47 Nos

7. FLOOD PRECAUTIONARY MEASURE :

Only 16 (Sixteen) nos of vulnerable sites are to be taken up before the on set of monsoon. During monsoon all the areas shall be looked after by the departmental field staffs and officers and keep close contact with the local administration and Panchayat . A list of contact number is also enclosed.

**PRIORITY LIST OF THE PROPOSED M/R WORKS REQUIRED TO BE TAKEN BEFORE MONSOON-2023 UNDER COOCH BEHAR**  
**IRRIGATION DIVISION**

Sl. No.	Name of work	Length of damage portion (M)	River	Block/P.S	Nature of Damage	Amount put to Tender. (In Lakh)
1	M/R to Cooch Behar Town Protective Embankment along the L/B of River Torsa Under Block Coochbehar – I, II and Coochbehar Municipal area, P.S Kotwali, Dist. Coochbehar	460	Torsa	COB-I & II and COB Municipality	Rain cuts at different places	9.67
2	MR to Town Protective Embankment along the right bank of river Mansai P.S- Mathabhanga, dist- Cooch Behar Under Mathabhanga Irrigation Sub-Division	1350	Mansai	Mathabhanga Municipality	Rain cuts and apron damaged	6.07
3	Maintenance & repair of Sulice gate of Cooch Behar Town Protective Embankment along the left bank of river Torsa in P.S- Kotwali, Dist- Cooch Behar.	NA	Torsa	Kotwali	Ancillary items of Sluice gate	2.13
4	Maintenance, Repair and replacement of 3 Nos. Sluice Gate and its supporting structure with ancillary works at Mahiskuchi mbankment under Tufanganj Irrigation Sub-Division in Block- Tufanganj II, P.S- Boxirhat, Dist- Cooch Behar.	NA	Raidak-II	Tufanganj II	Ancillary items of Sluice gate	2.11
5	MR to US and DS of Buchungamari B.P work along the right bank of river Kaljani for a length of 150 m in P.S- Tufanganj, Dist- Cooch Behar and supply of empty cement poly bag for flood season 2023-24.	150	Kaljani	Tufanganj-I	Apron damaged and pitching dragged down	9.80

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6	M/R to Cooch Behar Town Protective Embankment cum Bituminous road along the L/B of River Torsa under Block-Cooch Behar-I, P.S- Kotwali, Dist- Cooch Behar. (Drainage of Rain water at Sree Sree Karunamoyee High School (H.S), Painting and replacing Nut & Bolt of 4 Nos Height barriers).	54	Torsa	Cooch Behar-I	Embankment damaged	2.32
7	M.R to Daskhin Ambari Embankment work along the right bank of River Kaljani in G.P:-Ambari,Mouza :- Ambari,Block:-Coochbehar-II, P.S-Pundibari, Dist-Cooch Behar	80	Kaljani	Coochbehar-II	Apron damaged and pitching dragged down	4.49
8	Maintenance and repair to Notafela embankment along the right bank of river Kaljani at Block-Dinhata-II, in P.S. Sahebganj. Dist. Cooch Behar	800	Kaljani	Dinhata-II	Rain cut & depression and apron damaged	4.08
9	Maintenance and repair to bank protection work along the right bank of river Baniadaha at Telerkuthi area in G.P. Kismat-Dasgram, Block-Dinhata-II, P.S. Sahebganj, Dist. Cooch Behar.	60	Baniadaha	Dinhata-II	Rain cuts, apron damaged and pitching dragged down	3.48
10	M/R to protection work along the left bank of River Mansai at Chhat Barobangla area for a length of 50m in Block Dinhata-I P.S-Dinhata, District Cooch Behar .	50	Mansai	Dinhata-I	Apron damaged and pitching dragged down	7.41
11	M R work for a length of 42 mt at Banshraj-II Bank protection work along the right bank of River Raidak-I in P.S.- Boxirhat & Block- Tufanganj-II, Dist-Cooch Behar.	42	Raidak-I	Tufanganj-II	Apron damaged and pitching dragged down	6.68
12	M R to Deocharai Embankment along the left bank of river Kaljani within Deocharai GP Block - Tufanganj-I in P.S-Tufanganj ,Dist- Cooch Behar	275	Kaljani	Tufanganj-I	Apron damaged and pitching dragged down	9.30
13	MR to Uttar Daribosh B.P. work along the right bank of river Dudua within Block : Mathabhanga-II, P.S : Ghoksadanga, Dist.: Coochbehar	300	Dudua	Mathabhanga-II	Rain cut & depression, apron damaged and round sausage dragged down	4.84
14	MR to Office Para B.P. work (just behind SDO's bunglow guest house) along the left bank of river Sutunga in P.S.: Mathabhanga, Dist.: Coochbehar.	35	Sutunga	Mathabhanga	Apron damaged and pitching dragged down	5.00
15	MR to Sarbeswar Joyduar B.P. work along the right bank of river Mansai within, Block & P.S : Sitalkuchi, Dist.: Coochbehar	300	Mansai	Sitalkuchi,	Apron damaged and pitching dragged down	4.91
16	MR to Gadadhar Embankment in between Ch: 0.60 km to 1.25 km and inbetween Ch.10.50 km to 11.00 km along the L/B of River Gadadhar within Block - Tufanganj-I in P.S-Tufanganj,Dist- Cooch Behar.	70	Gadadhar	Tufanganj-I	Apron damaged and pitching dragged down	4.32
<b>Total</b>						<b>86.61</b>

**MONTHLY RAINFALL DATA (IN MM) AS RECORDED AT COOCHBEHAR FROM 2013 TO 2022**

Year	Month												Total	Highest Rainfall
	Jan	Feb	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec		
2013	Nil	19.60	2.60	173.30	354.20	390.30	554.30	324.20	595.40	177.60	13.00	Nil	2604.50	170.80 Dt-7/9/2013
2014	0.80	23.50	7.30	6.20	560.70	671.80	231.00	445.10	566.50	4.40	Nil	0.20	2517.50	231.20 Dt-22/09/14
2015	23.40	42.20	78.00	137.20	472.40	620.40	187.10	933.20	485.60	22.30	11.60	5.20	3018.60	181.20 Dt-01/06/15
2016	5.40	0.20	74.60	146.00	288.20	1033.30	902.30	471.70	399.20	129.70	Nil	Nil	3450.60	218.00 Dt-25.06.16
2017	0.60	Nil	65.40	165.60	371.60	525.10	459.80	1171.70	527.00	239.50	Nil	Nil	3526.30	246.60 Dt-11.08.17
2018	Nil	5.80	40.00	274.40	378.10	551.80	579.60	487.40	412.40	16.40	Nil	4.2	2750.10	212.20 Dt. 22.06.18
2019	0.80	14.90	72.50	225.90	335.30	371.40	1134.10	205.80	471.70	82.00	31.00	Nil	2945.40	197.40 Dt. 13.07.19
2020	Nil	6.80	46.10	117.70	356.20	921.20	916.40	292.20	1224.00	122.30	1.40	Nil	4004.30	262.00 Dt. 25.06.20
2021	Nil	Nil	42.20	97.40	261.00	542.20	836.30	795.10	346.70	425.40	Nil	2.20	3348.50	201.70 Dt. 17.07.21
2022	3.60	61.90	18.00	508.10	697.90	1325.00	334.30	339.30	248.00	158.50	Nil	Nil	3694.60	231.50 Dt. 28.06.22

**MONTHLY RAINFALL DATA (IN MM) AS RECORDED AT MATHABHANGA FROM 2013 TO 2022**

Year	Month												Total	Highest Rainfall
	Jan	Feb	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec		
2013	Nil	18.00	1.20	89.20	180.60	332.20	720.80	279.00	399.40	152.00	4.60	Nil	2177.00	188.00 Dt-9/7/2013
2014	3.20	22.00	11.80	13.00	265.00	488.20	317.80	470.40	665.80	50.00	Nil	Nil	2307.20	196.40 Dt-10/09/2014
2015	26.20	Nil	22.40	166.20	402.80	606.80	264.20	733.10	358.00	57.60	3.20	00	2640.50	108.20 Dt-09/06/15
2016	4.60	0.00	41.80	51.80	232.00	852.00	754.40	206.00	469.00	153.40	Nil	Nil	2765.00	160.00 Dt-23/07/16
2017	Nil	Nil	58.40	68.60	402.10	645.20	364.40	883.20	363.20	142.20	Nil	Nil	2927.30	189.40 Dt-12.08.17
2018	Nil	0.60	55.60	197.80	251.60	274.60	529.20	327.80	264.00	31.60	Nil	8.40	1941.20	139.20 Dt-01.07.18
2019	Nil	14.20	61.00	229.60	316.00	290.40	905.20	146.40	421.20	104.00	Nil	Nil	2484.40	124.00 Dt-24.07.19
2020	Nil	15.20	25.20	118.20	284.00	889.80	841.20	289.80	1413.80	146.40	Nil	Nil	4023.60	247.80 Dt-27.09.20
2021	Nil	Nil	26.40	60.80	260.00	649.20	789.20	501.80	216.00	371.80	Nil	Nil	2875.20	184.20 Dt-17.07.21
2022	1.40	55.40	45.00	336.00	361.40	1140.00	471.00	240.40	318.40	144.00	Nil	Nil	3113.00	136.00 Dt. 16.06.22

**MONTHLY RAINFALL DATA (IN MM) AS RECORDED AT TUFANGANJ FROM 2013 TO 2022**

Year	Month												Total	Highest Rainfall
	Jan	Feb	March	April	May	June	July	August	Sep.	Oct.	Nov.	Dec		
2013	Nil	19.40	12.00	292.50	419.00	504.00	773.00	517.50	671.40	268.00	3.00	Nil	3479.80	180.00 Dt-09/07/2013.
2014	Nil	39.00	1.00	13.00	743.40	810.80	211.20	939.00	984.20	41.80	Nil	Nil	3783.40	615.20 Dt-22/09/2014
2015	4.00	7.00	99.00	231.50	389.60	1507.00	491.50	1744.00	759.00	104.00	4.20	Nil	5340.80	286.00 Dt-01/06/15
2016	18.00	0.00	78.50	234.70	453.20	872.20	854.60	376.80	431.60	304.00	Nil	35.20	3658.80	184.60 Dt-23/07/16
2017	Nil	Nil	93.80	278.00	383.60	764.20	598.60	1195.80	659.80	308.40	Nil	Nil	4282.20	430.20 Dt-11.08.17
2018	Nil	4.40	108.40	290.40	532.34	508.36	632.40	532.40	630.80	17.00	2.00	2.00	3260.50	320.00 Dt-01.07.18
2019	Nil	10.00	109.00	301.00	509.00	419.80	992.00	188.80	468.40	124.20	Nil	Nil	3122.20	170.80 Dt-23.07.19
2020	Nil	Nil	45.40	260.20	612.80	1531.60	1645.40	679.20	1785.60	113.00	Nil	Nil	6673.20	324.40 Dt-26.06.20
2021	Nil	Nil	22.60	46.20	198.70	468.20	668.40	737.00	259.60	337.40	Nil	Nil	2738.10	159.40 Dt-17.07.21
2022	3.20	35.00	14.60	516.20	773.80	992.20	389.20	249.00	365.60	137.60	Nil	Nil	3476.40	204.20 Dt. 15.06.22

**Maximum Gauge Reading in different Rivers (Torsa at Keshab Ashram, Raidak- I at Tufanganj & Mansai at Mathabhanga) from 01.01.2013 to 31.12.2022**

Year	Torsa at Keshab Ashram D.L./ Y- 42.07 M E.D.L./ R- 42.68 M		Raidak-I at Tufanganj D.L./ Y- 35.30 M E.D.L./ R- 35.90 M		Mansai at Mathabhanga. D.L./ Y- 47.90 M E.D.L./ R- 48.40 M		Remarks
	Highest Gauge Reading	Date	Highest Gauge Reading	Date	Highest Gauge Reading	Date	
2012	41.88 Mts.	15/7/2012	36.09 Mts.	27/6/2012	48.05 Mts.	15/7/2012	
2013	42.00 Mts.	10/07/2013	36.04 Mts.	10/07/2013	48.00 Mts.	10/07/2013	
2014	42.38 Mts.	15/08/2014	35.41 Mts.	27/08/2014	48.00 Mts.	26/08/2014	

2015	42.04 Mts	01/07/2015	35.66 Mts.	22/08/2015	48.30 Mts	31/08/2015	
2016	42.52 Mts	22/07/2016	35.50 Mts.	23/07/2016	49.03 Mts	24/07/2016	
2017	42.92 Mts	12/08/2017	36.70 Mts	12/08/2017	49.25 Mts.	12/08/2017	
2018	42.08 Mts	04/07/2018	35.80Mts	05/07/2018	48.57Mts.	10/09/2018	
2019	41.94 Mts	12/07/2019	36.16Mts	24/07/2019	48.30Mts.	23/07/2019	
2020	42.20 Mts	11/07/2020	35.96Mts	13/07/2020	48.57Mts	22/07/2020	
2021	42.00 Mts	19/08/2021	34.60Mts	27/08/2021	48.16Mts	30/06/2021	
2022	42.20 Mts	18/06/2022	35.47 Mts	18/06/2022	47.93 Mts	29/06/2022	

**List of Embankments having illegal encroachment under Cooch Behar Irrigation Division**

River	Name of Embankment	Locality	Block /Municipality	P.S.	Length of Embankment	Remarks
Torsa	Cooch Behar Town Protective embankment	Fashir Ghat, Ward No. 16 & 18 of Cooch Behar Municipality	Cooch Behar Municipality	Kotwali	1.50 Km	
	Hanskhowa embankment	Madhupur under Madhupur G.P.	Coochbehar-II	Kotwali	3.00Km	

	Gheirhari embankment	Madhupur under Madhupur G.P.	Coochbehar-II	Kotwali	2.50Km
	Takagach embankment	Takagachh under Takagachh Rajarhat G.P.	Coochbehar-II	Kotwali	1.00 Km
Kaljani	Kholta Spill Checking embankment	Kholta Under Marich bari G.P.	Coochbehar-II	Kotwali	0.30 Km
Mansai & Sutunga	Mathabhanga Town Protective embankment	Ward No. 1,2,3 & 5 of Mathabhanga Municipality	Mathabhanga Municipality	Mathabhanga	1.350Km
	Marginal Embankment	Khaterbari & near Ward No. 7 of Mathabhanga Municipality	Mathabhanga Municipality	Mathabhanga	0.585Km
Sutunga	Nagar Mathabhanga B.P. Work	Ward No. 11 of Mathabhanga Municipality	Mathabhanga Municipality	Mathabhanga	Scattered illegal encroachment
	Trinath Colony B.P. work.	Ward No. 9 of Mathabhanga Municipality	Mathabhanga Municipality	Mathabhanga	Scattered illegal encroachment
	Earthen embankment to Protect Mathabhanga Town	Ward No. 1,3,7 & 12 of Mathabhanga Municipality	Mathabhanga Municipality	Mathabhanga	1.80Km
Raidak-I	Tufanganj Town Protective embankment	Tufanganj Municipality	Tufanganj Municipality	Tufanganj	1.50 Km
Gadadhar	Gadadhar	Duria Balai area under Andaran	Tufanganj-I	Tufanganj	0.20Km

	embankment	Fulbari –II G.P.				
		Sahebbari Ghat under Dhalpal –II G.P.	Tufanganj-I	Tufanganj	0.20Km	
		Sahebbari Ghat under Dhalpal –I G.P.	Tufanganj-I	Tufanganj	0.50Km	
Raidak-II	Mahiskuchi embankment	Mahiskuchi G.P.	Tufanganj-II	Boxirhat	0.30Km	

**List of Char land having habitation, on both protected and unprotected areas, likely to be inundated in case of high discharge through the rivers during flood season 2023 in District: Cooch Behar under Cooch Behar Irrigation Division**

River	Locality	Block	P.S.	Area in hector	Remarks
Torsa	Maltiguri , under Takagach G.P.	Cooch Behar-II	Kotwali	Approx 15 Hector	Char land which is likely to be Inundated during high flood discharge of river
	Haripur , under Madhupur G.P.	Cooch Behar-II	Kotwali	Approx 30 Hector	
	Trikhanda, under Madhupur G.P.	Cooch Behar-II	Kotwali	Approx 15 Hector	
	Jorai colony, under Pundibari G.P.	Cooch Behar-II	Pundibari	Approx 20 Hector	
	Hukakura, under Madhupur G.P.	Cooch Behar-II	Kotwali	Approx 12 Hector	



	Ward No-16 & 18	Cooch Behar Municipality	Kotwali	Approx 15 Hector
Mansai	Kajlikura, under	Sitai	Sitai	Approx 40 Hector
	Chat Natabari, under	Sitai	Sitai	Approx 47 Hector
	Uttar Singimari under B.R.Chatra G.P.	Sitai	Sitai	Approx 267 Hector
	Gabua, under B.R.Chatra G.P.	Sitai	Sitai	Approx 20 Hector
	Kodaldaha under Jorepatki G.P.	Mathabhanga-I	Mathabhanga	Approx 60 Hector
Jaldhaka	Nityanandi Inderkuthi under Kedarhat G.P	Mathabhanga-I	Mathabhanga	Approx 130 Hector
	Uttar Rangapani Balasi under Fulbari G.P.	Mathabhanga-II	Ghoksadanga	Approx 50 Hector
Galandi	Katchakhawa (Uttar) under Fulbari G.P.	Mathabhanga-II	Ghoksadanga	Approx 40 Hector
Dharala	Nendarpar under Jorepatki G.P.	Mathabhanga-I	Mathabhanga	Approx 35 Hector
Raidak-II	Bhanukumari under Bhanukumari G.P.	Tufanganj-II	Boxirhat	Approx 400 Hector
	Jaldhowaghat under Mohishkuchi G.P.	Tufanganj-II	Boxirhat	Approx 100 Hector
	Fersha bari under Mohishkuchi G.P.	Tufanganj-II	Boxirhat	Approx 200 Hector
Sankosh	Dakshin Falimari & Chhat Falimari under Falimari G.P.	Tufanganj-II	Boxirhat	Approx 100 Hector
Kaljani	Talai, Jhaukhuthi, Char balabhut under	Tufanganj-I	Tufanganj	Approx 400 Hector

	Balabhut G.P.				
Raidak-I	Ward No-05	Tufanganj Municipality	Tufanganj	Approx 25 Hecter	

**5.05**

**BOATMEN OF THE DISTRICT**

**BOAT MEN OF THE DISTRICT**

Sl.	Block	Ghat	River	Name of boatman	Contact No.	Remarks/Capacity of Boat
1.	Mathabhanga-I	Giladanga	Jaldhaka	Sukumar Namadas	7407449198	50 persons
2.	Mathabhanga-I	Joreshimuli Maklabari	Mansai	Lalit Barman	8167009701	150 Persons
3.	Cooch Behar-II	Puimati Boxirbosh	Torsha	Arun Malo	8016485164	10 persons (Fishing purpose)
4.	Cooch Behar-II	Hashkhawa feri ghat	Torsha	Amullya Das	8918872226	N/A
5.	Dinhata-I	Atiyabari	Mansai	Jabed Ali	8145380052	40 Person per Boat & BSF Speed Boat 10 person per Boat
6.	Dinhata-I	Batrigachh	Mansai	Manik Miya	8116527220	40 Person per Boat & BSF Speed Boat 10 person per Boat
7.	Dinhata-I	Dhamail Gachh	Mansai	Jalil Miya	9593600426	150 Persons
8.	Dinhata-I	Panchadhaji	Mansai	Majidul Haque	7063387117	50 Person per Boat & BSF Speed Boat 10 person per Boat
9.	Dinhata-I	D.B. Kuthi	Mansai	Sahidul Haque	8016119183	50 Person per Boat & BSF Speed Boat 10 person per Boat
10.	Dinhata-I	Chat Barobangla	Mansai	Dayal Biswas	9339116435	30 person per Boat
11.	Dinhata-I	Dwarikamari	Dharla	Ajjur Rahaman	9932895677	30 person per Boat
12.	Dinhata-I	Chakachal Ghat	Dharla	Rakhal Barman	8927126189	50 person per Boat

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13.	Tufanganj-II	Chotolaukuthi Ghat & Chit Baralaukuthi	Raidhak & Sankosh	Anu Hossain Sekh	7864851740	100 Person per Boat
14.	Tufanganj-II	Takoamari	Raydak	Pankaj Barua	6294979044	Medium Size
15.	Tufanganj-II	Haripur Bandher Kuthi	Raidak-II	Hena Barman	8653772829	Medium Size
16.	Tufanganj-II	Haripur Bandher Kuthi	Raidak-II	Jiten Barman	8972717240	Medium Size
17.	Tufanganj-II	Haripur Bandher Kuthi	Raidak-II	Sukhen Barman	8290250192	15 Person per Boat
18.	Tufanganj-II	Mansai	Raidak-II	Arshat Ali	8637351092	Medium Size
19.	Sitai	Adabari Ghat	Singimari (Mansai)	Naren Biswas	9933594007	70-80 person per Boat
20.	Mathabhanga-II	Kurapata	Jaldhaka	Jiban Sarkar	9932142859	37 nos
21.	Cooch Behar-I	Astami Snan Ghat	Torsha	Suodh Barman	9800225601	05 Person
22.	Cooch Behar-I	Astami Snan Ghat	Torsha	Narayan Barman	9800225601	05 Person
23.	Cooch Behar-I	Astami Snan Ghat	Torsha	Sanesh Barman	9800225601	05 Person
24.	Cooch Behar-I	Astami Snan Ghat	Torsha	Balai Barman	9800225601	05 Person
25.	Cooch Behar-I	Abul Hossainer Ghat	Torsha	Abul Hossain (Baddu Ghatiyal)	7319259671	35 Person
26.	Cooch Behar-I	Saitantala Ghat	Mansai	Dhananjay Sarkar	8967629162	08 Person
27.	Cooch Behar-I	Rakhalmarir Ghat	Mansai	Suresh Sarkar	7718126295	25 Person
28.	Cooch Behar-I	Rakhalmarir Ghat	Mansai	Gurudas Das	8170895420	15 Person
29.	Cooch Behar-I	Battu Miya Ghat	Torsha	Aminur Miah	7098139083	50Nos
30.	Cooch Behar-I	Phuler Ghat	Mansai	Chalen Das	9932545516	50Nos
31.	Cooch Behar-I	Fashir Ghat	Torsha	Zakir Hossain	7478022040	100 person
32.	Cooch Behar-I	Fashir Ghat	Torsha	Ranjit Kumar Bakshi	9434483996, 7047688121	100 person
33.	Cooch Behar-I		Saheberhat Chhara	Surjakanta Barman	6296921527	10 Person
34.	Mekhliganj	Mekhliganj Feri Ghat	Teesta	1.Hemanta Brman, 2. Ranar Pramanik, 3.Harendranath Roy,	1. 9002435125 2. 9933948891 3.9002793232	40
35.	Mekhliganj	Lima One Ghat	Teesta	1.Samin Hossain, 2.Rahel Hossain	1. 9932593427, 2. 7319523739	60
36.	Mekhliganj	Beltali	Teesta	1. Majibul Haque Patowary	9932203185	15

**5.05.2**

**TRACTOR/ DUMPER/CRANE**

LIST OF TRUCTOR/ DUMPER/ CRANE

Sl No.	Block	Owner	Details	Address	Contact No.
1	Sitalkuchi	Majnu Rahaman	Tractor	Khasbash Khalisamari	9735732286
2	Sitalkuchi	Pradip Barman	Tractor	Jatamari, Khalisamari	7602632244
3	Mathabhanga-I	Bishal	JCB	Mathabhanga	9564930971
4	Mathabhanga-I	Manik Barman	Tractor	Jorshimuli	9635882292
5	Cooch Behar-II	Ranjit Pandit	Tractor	Madhupur	9434811970
6	Cooch Behar-II	Dilip Dey,nakul Roy,Jitendra Dam	Tractor	Madhupur	7797496467
7	Cooch Behar-II	Jakir Hossain	Tractor	Chakchaka	9547543147
8	Cooch Behar-II	Sipak Sarkar	Tractor	Khagrabari	9933074620
9	Cooch Behar-II	Paresh Roy	Tractor	Khagrabari	9800962256
10	Dinhata-I	Pulak Saha		Dinhata-I Block	6296569523
11	Dinhata-I	Mantu Sen	Tractor	Khalisa Gosanimari	9800239684
12	Dinhata-I	Narayan Barman	Tractor	Khalisa Gosanimari	8967590413
13	Dinhata-I	Badal Ch. Sarkar	Tractor	Khalisa Gosanimari	9932514200
14	Dinhata-I	Sayed Hossain	Tractor	G. Atiabari,Bara	9735941189
15	Tufanganj-II	Sukumar Barman	Tractor & Trolley	Jhingapuni	7872783549
16	Tufanganj-II	Babu Arya	Tractor & Trolley	Chotolalu Kuthi	9749268542
17	Tufanganj-II	Apu Saha	Genarator	Bhanukumari	9434606193
18	Tufanganj-II	Rasidul Mia	Tractor & Trolley	palika	9749893781
19	Tufanganj-II	Jahangir Alam	Tractor & Trolley	palika	7679483568
20	Tufanganj-II	Bachir Ali	Tractor	Barasalbari	9547093623
21	Tufanganj-II	Abul Hossain	Trolley	Barasalbari	9679375403
22	Tufanganj-II	Nikhil Saha	Genarator Set	Barasalbari	7602159596
23	Tufanganj-II	Swapan Das	Tractor & Trolley	Madhurbhasa	9647052128
24	Tufanganj-II	Amar Sarkar	JCB	Dakshin Rampur	9641072488
25	Tufanganj-II	Madan Chanda	Genarator set	Dakshin Rampur	9932314380
26	Tufanganj-I	Harikishore Roy	Tractor (2)	Nakkatigachh	9800020272

27	Tufanganj-I	Sanjoy Chowdhury	jCB (2)	Chilakhana-II	9932411474
28	Sitai	Paremamud Miah	JCB	West Bharali	8158015528
29	Sitai	Kutubuddin Miah	Tractor	Kesharibari	8972646238
30	Dinhata	Dinhata	JCB	Dinhata	9475900735
31	Sadar	S. Construction (Sikha Dey)	Dumper	Sahebpota, P.O- Sonapur,Dist- Alipurduar	9749609596
32	Sadar	S. Construction (Sikha Dey)	Owner of 2 nos. of Pay Loader	Sahebpota, P.O- Sonapur,Dist- Alipurduar	9749609596
33	Sadar	Rajib Dutta	Owner of 2 nos. of Pay Loader	Gowala Ptty,S.N Road, P.O & Dist-Cooch Behar	9800020758
34	Sadar	S. Construction	Owner of 3 nos. of Tractor	Sahebpota, P.O- Sonapur,Dist- Alipurduar	9749609596
35	Sadar	Sukumar Ghosh	Owner of 1 nos. of Tractor	Ward No. 04,Cooch Behar	9641943891
36	Mathabhanga-II	Kamal Sarkar	Tractor	Vill-Chakiarchara	9614761992
37	Mathabhanga-II	Ajad Hossain	Tractor	Vill-Ghoksadanga	7477826229
38	Mathabhanga-II	Bikash Barman	Tractor	Vill+P.O-Fulbari	9832472299
39	Mathabhanga-II	Sukumar Mandal	Tractor	Vill- Singimari	9775032469
40	Mathabhanga-II	Sanatan Saha	Tractor	Vill- Rangamati	8967851535
41	Mathabhanga-II	Dayaram Barman	Tractor	Vill- Rangamati	8945029737
42	Mathabhanga-II	Asit Talukdar	Tractor	Vill- Balasundar	9635552934
43	Cooch Behar-I	Mahasen Ali	Tractor	Moamari	9735991661
44	Cooch Behar-I	Maksedul Hossain	Tractor	Moamari	9734157759
45	Cooch Behar-I	Jaimuddin Miah	Tractor	Moamari	8116489331
46	Cooch Behar-I	Rajkumar Sarkar	Tractor	Putimari Fuleswari	8617465072

47	Cooch Behar-I	Aminur Rahaman	Tractor	Putimari Fuleswari	9933439574
48	Cooch Behar-I	Sukumar Sarkar	Tractor	Putimari Fuleswari	8617465072
49	Cooch Behar-I	Ismile Miya	Tractor	Dewanhat	7318890350
50	Cooch Behar-I	Mobarak Miya	Tractor	Dewanhat	9851994912
51	Cooch Behar-I	Sanatan Majumder	Tractor	Dewanhat	9932331756
52	Cooch Behar-I	Samaresh Sarkar	Tractor	Dewanhat	9679958615
53	Cooch Behar-I	Mahiruddin Ali	Tractor	Chilkir Hat G.P	6295535072
54	Cooch Behar-I	Manirul Miya	Tractor	Chilkir Hat G.P	9734952190
55	Cooch Behar-I	Khahir Hossain	Tractor	Chilkir Hat G.P	9614151056
56	Cooch Behar-I	Echhap Miya	Tractor	Chilkir Hat G.P	7031746774
57	Cooch Behar-I	Madan Karjee	Tractor	Chilkir Hat G.P	7679414218
58	Cooch Behar-I	Mosarraff Hossain	Tractor	Chilkir Hat G.P	8101154447
59	Cooch Behar-I	Chhabiyal Miya	Tractor	Chilkir Hat G.P	9382789591
60	Cooch Behar-I	Khalek Miya	Tractor	Chilkir Hat G.P	9749788626
61	Cooch Behar-I	Majibul Hoque	Tractor	Chilkir Hat G.P	7679816618
62	Cooch Behar-I	Ajjilul Islam	Tractor	Ghughumari G.P	9635996882
63	Cooch Behar-I	Ujjal Roy	Tractor	Ghughumari G.P	9933502090
64	Cooch Behar-I	Jiten Roy	Tractor	Patchara G.P	7076028031
65	Cooch Behar-I	Zinnatul Hoque	Tractor	Suktabari G.P	7585899299
66	Cooch Behar-I	Sahidul Hoque	Tractor	Suktabari G.P	9932165296
67	Cooch Behar-I	Pappu Roy	Tractor	Jiranpur G.P	9647793952
68	Cooch Behar-I	Rakesh Deb	Tractor	Jiranpur G.P	9932418565
69	Cooch Behar-I	Satosh Chowdhuri	Tractor	Jiranpur G.P	8116641833
70	Cooch Behar-I	Kranti sarkar	Tractor	Dawaguri G.P	8768633536
71	Cooch Behar-I	Dudan Roy	Tractor	Dawaguri G.P	9593626830
72	Cooch Behar-I	Abpus Majid	Tractor	Dawaguri G.P	9614922585
73	Cooch Behar-I	Aurul Alom	Tractor	Harivanga	9064257571
74	Cooch Behar-I	Bablu Miya	Tractor	Harivanga	9064257571
75	Cooch Behar-I	Alom Miya	Tractor	Harivanga	9933894877
76	Cooch Behar-I	Abed Ali Miya	Tractor	Harivanga	8116516610
77	Cooch Behar-I	Matiwar Rahaman	Tractor	Harivanga	9800788581
78	Cooch Behar-I	Majinur Rahaman	JCB	Moamari	8145630026
79	Cooch Behar-I	Mobarak Hossain	JCB	Moamari	9734157759
80	Cooch Behar-I	Ranjan Namodas	JCB	Ghughumari G.P	8918863005
81	Cooch Behar-I	Subal Kar	JCB	Ghughumari G.P	9641359083

82	Cooch Behar-I	Ranjit Barman	JCB	Ghughumari G.P	8116064560
83	Cooch Behar-I	Niranjan Dutta	JCB	Ghughumari G.P	9593388758
84	Cooch Behar-I	Partha Das	JCB	Guriahati I	9733209550
85	Cooch Behar-I	Ashish Das (3.No)	JCB	Dawaguri G.P	9547221728
86	Cooch Behar-I	Abani Roy (2.No)	JCB	Dawaguri G.P	8637502761
87	Cooch Behar-I	Pradip Kirtania (4.No.)	JCB	Falimari G.P	9382410846
88	Haldibari Block	Parimal Roy	JCB	Nilahati Hemkumari	8116206708
89	Haldibari Block	Sanu Md.	Tractor	17 No Jangalbosh	9933060871
90	Haldibari Block	Laxi Roy	Tractor	74 Niztaraf	7586825634
91	Mekhliganj Block	Changrabandha Track Owners associations	Crane,Lifter&Dumper	Changrabandha Truck Owners associations	9547814802/

## **CHAPTER 6: CAPACITY BUILDING AND TRAINING MEASURES**

Capacity Building develops and strengthens skills, competencies and abilities of both Government and non-government officials and communities to achieve their desired results during and after disasters, as well as preventing hazardous events from becoming disasters. When undertaking disaster management planning assessments, it is important that the indigenous traditions, methods and materials being used for disaster management locally are considered and incorporated appropriately. Local residents are likely to be the first emergency responders to such incidents, particularly in remote areas and, therefore, critical to the successful outcome.

Developing institutional capacity is very important. At the same time, by making the local community part of the process and solution would help in ensuring that disaster mitigation measures are more likely to be implemented and maintained over time. The capacity building plan should cater to the ‘differential capacity building needs’ based on the functional responsibilities assigned to stakeholders (refer table 8 giving sample of functions). It should address -

### DISTRICT FAMILIARIZATION EXERCISE PROGRAMME BY NDRF FOR THE YEAR 2022

Sl. No	Name of the Block	Venue	Date	No of Participants
1.	Tufanganj Municipality	Tufanganj-I Block	17.05.22	20
2.	Tufanganj-I Block			40

3.	Tufanganj-II Block			40
4.	Dinhata-I Block	Dinhata-I Block	18.05.22	75
5.	Dinhata Municipality			25
6.	Dinhata-II Block	Dinhata-II Block	19.05.22	80
7.	Sitai Block	Sitai Block	20.05.22	40
8.	Sitalkuchi Block			40
9.	Mathabhanga-I Block	Mathabhanga-I Block	21.05.22	75
10.	Mathabhanga Municipality			25
11.	Mathabhanga-II Block	Mathabhanga-II Block	22.05.22	80
12.	Mekhliganj Municipality	Mekhliganj SDO Office	23.05.22	20
13.	Mekhliganj Block			30
14.	Haldibari Block			30
15.	Haldibari Municipality			20
16.	Cooch Behar- I Block	Cooch Behar-I Block	24.05.22	75
17.	Cooch Behar Municipality			25
18.	Cooch Behar-II Block	Cooch Behar-II Block	25.05.22	80

1. Community capacity building and Community Based Disaster Management which should also focus on vulnerable groups – women, children, aged persons and persons with various kinds of disabilities.
2. Knowledge Management, networking and sharing
  - i. Community registries to collate basic contact information for persons with disabilities
3. Training of Trainers
  - i. Civil Defense/Home Guards/Volunteers
4. Disaster Management Education
  - i. Schools
  - ii. Colleges: medical, Engineering
5. Skill up gradation and follow up training programmes
7. Inventory of trained professionals, engineers, architects and masons, medical Professionals, rescue specialists etc.

Strengthening and capacity building of DM Institutions (SDMA and DDMA) should be the first priority towards DM capacity building in the State. Training module, commensurate with the State / District specific requirements, should be designed and

Implemented in consultation with NIDM/NDMA. Capacity building requirement at all levels in institutional hierarchy as well as society should be addressed adequately.

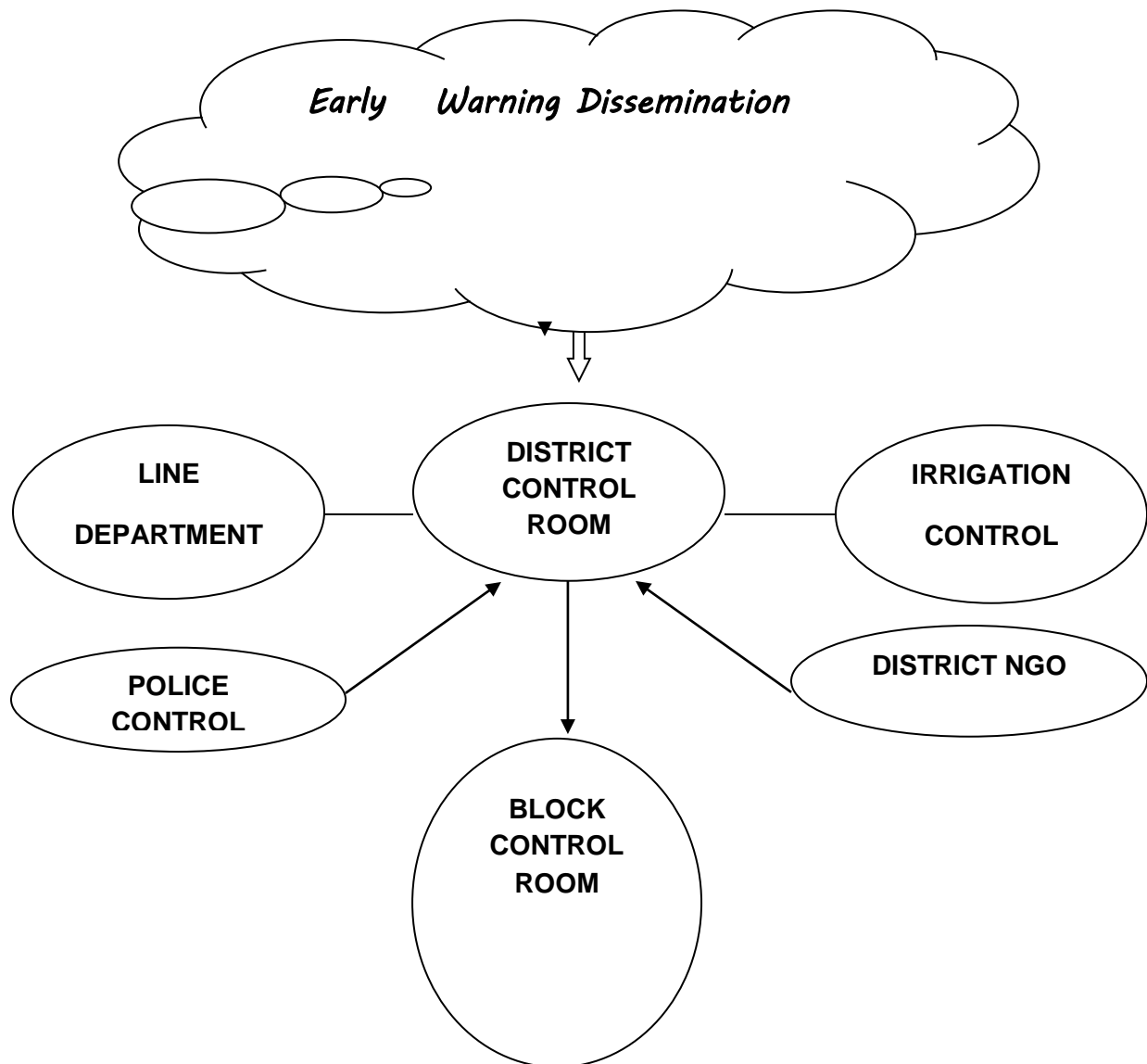


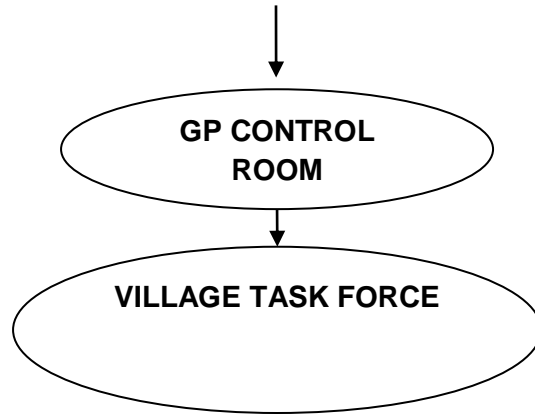
Training and capacity building program should be integrated with the monitoring and evaluation system for effective revision of the program.

**CHAPTER 7:  
RESPONSE AND RELIEF MEASURES**

**7.1: CRISIS-RESPONSE STRUCTURE OF THE SUB DIVISION :**

**Early Warning Dissemination and Response Plan**





**(A) Early Warning Dissemination and Response Plan :**

Department	Response System			
	Preparedness	Pre (after Warning)	During Disaster	Post Disaster
Sub Division (SDDMO)  1.Rural Development Department  2.Disaster Management Department  3.Fisheries Department  4.Industry department  5.Water and Sanitation Department	Will arrange to receive early warning from the District / MD / IWD / CWC and to inform the concerned agencies ( BDO, BDMO, Police, Gram Panchayats, Govt departments etc ) immediately by FAX, Phone  Information should be communicated to all the officers of the line departments.  Information should be communicated to all the officers of the line departments.  To ensure safe drinking water in the affected areas all sources including Gram Panchayat, Panchayat Samiti, PHE etc. will be tapped suitable measures to install a good number tube wells in thrust areas. Arrangements can be made of sending water tanks to those areas where installing tube wells are not possible. Health & Family Welfare Department will be moved to keep ready of sufficient quantum of bleaching powder, halozen tablets, AVS, etc. BMOH will arrange for medicine during and post flood situation.	Control room to be kept open round the clock.  Will arrange to receive early warning from the District Office and to inform the concerned	The message is required to be passed on to all areas which have been earmarked as vulnerable and to contact with all the rescue shelters.          Contact with other line departments are to be maintained 24 hrs.	Will make liaison with rescue and relief team, shelter management team and other teams.

Education Department - Mainly looked after by Sub-Inspector of Schools (SI)	Make a list of nodal teachers' of all the schools and colleges Select experienced and competent NGOs/CBOs for orientation of the school children. Students from the schools	Arrange to talk with the head of the institutions and nodal teachers earmarked as rescue shelters.	To observe the situation Search and Rescue team may be called for operation. Shelter management team will start their works.	Shelters will start functioning fully and the shelter management team members will work as per plan.
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<p>under the active guidance of Education Department and also by the EOMEE and LEOMEE under the active guidance of Block Development Officer and Executive Officer, Panchayat Samiti.</p>	<p>(Class VIII and above) and colleges to be imparted training on disasters, mitigation measures, health matters, sanitation, search and rescue, etc.                  DRR team formation in schools and colleges, and make plans for mock drills in each institute.                  A list of victims should be made available with the nodal teacher.                  All nodal teachers will be considered as members of the concerned GPDMC. Meeting of the nodal teacher with block officials should be conducted.                  Emergency Preparedness and Response plans of such schools will be prepared and shared with the Block Officials.                  Required nos. of toilets, water points, cooking arrangements, ramps etc. will be in place much before the hazard.                  Students, teachers and parents teams will be formed for shelter management                  Who will do what, will be well documented and check list will be prepared and made available to all concerned teams.                  Do's &amp; Don'ts with important contact nos. will be written in local language and put in prominent places.</p>	<p>To arrange to transmit the message in the vulnerable areas</p>		
<p>Police - Police Authorities headed by Inspector in Charge</p>	<p>Police personnel will remain alert.                  Volunteers to be given training to help police                  Keep vigil against antisocial activities.</p>	<p>Wireless set and man pack to be in operation.                  Vigilance to be maintained.</p>	<p>Will observe the situation and to monitor closely.</p>	<p>Intensified patrolling.                  Welfare attitude to build up.                  Vigilance to be kept continued.</p>
<p>Revenue - Land and Land</p>	<p>A Team may be formed with selected staff headed by the Revenue Inspector at the GP</p>	<p>Team to be prepared and they will disseminate the</p>	<p>Will observe the situation and to monitor closely.</p>	<p>To assist the block administration in the rescue shelters.</p>

Reforms department, Headed by Block Land and Land Reforms Officer	Level and Revenue Officer at the Block Level and to give them training.	warning among the villagers living in the protected and un protected areas.		Will assess the extent of damage and to inform the matter to the higher authority.
Health – Headed by Block Medical Officer, Health	Several teams may be formed at different places with selected staff headed by the Health Supervisors and to impart trainings to them.  Stock essential medicines, vaccines, AVS, Halogen tablets, Bleaching Powder etc. for emergency period as per plan.  Organize GP wise orientations programmes for all health professionals including Health Supervisors, Health Assistants, ANMs, ASHA Karmis on how to execute the plan and role of different professionals and the coordination mechanisms.	Teams to remain prepared and disseminate the warning among the villagers through their network.	Team members may join the shelter management teams.	Will assess the extent of damage and start health camps and closely monitor the situation to avoid any further health related disaster.
Irrigation - headed by SAE, Sech – O – Jalpath Daftar, Sech Sakha,	Will take care of the embankments of the Rivers in regards to rain-cuts, evidenced in some parts of the main embankment.	Will disseminate the warning among the villagers living in the protected and un protected areas.	To see the condition of the main embankments of the rivers. To keep co-ordination with local administration.	Construction of the damaged embankments are to be taken up immediately.
RD & R&B - The name of the department is Public Works department, Headed by Assistant Engineer PWD Roads	To form a team under the leadership of LDA at the GP level and to give them training.	To arrange for transmitting messages among the villagers in vulnerable areas and to coordinate with the Block administration.	To keep co-ordination with local administration.	Will assess the actual damage and will take necessary steps to ensure playability of the affected roads.
AH Dep. - The name of the	To form a team under the leadership of LDA at the GP level and to give them training.	To arrange for transmitting message among the	To keep co-ordination with local administration	Will assess the actual damage and will take necessary

department is Animal Husbandry, headed by Block Live Stock Development Officer		community in vulnerable areas through their village level network.		steps to ensure Cattle vaccination, cattle fodder etc.
Electric	To take precautionary measures for maintaining the cables and to form a team. The department also takes care of the poles during monsoon to prevent hazards from electrocution..	To keep their team ready.	To keep co-ordination with local administration.	To inspect the electric lines and to restore normalcy as early as possible.
Agriculture - Looked after by the Agriculture Development Officer	To form a team with the farmers headed by the KPS at the GP level. To record date wise maximum and minimum temperature at the block and rainfall.	To arrange for transmitting message among farmers in vulnerable areas.	To keep co-ordination with local administration.	Will assess the actual damage in terms of crop and cultivated area etc. and the names of affected farmers and will take necessary steps to ensure supply of minikits and others specially for re vitalizing the affected land of the farmers, To counsel the farmers in matters of re-vitalizing the land especially where the lands are covered by silts.
Public Health Engineering deptt.	Ready with materials & stock of Bleaching powder etc. at Divisional & Sub divisional Level	1)Inform all R.W.S. staff posted at different Blocks through AE, Cooch Behar R.W.S. sub division. 2)Alert all sub divisional staff through Executive Engineer, Cooch Behar Division & Northern	All works will be taken up through AEs/SAEs/Mech. Hel pers RWS posted in different blocks.	Restoration works of different PWSS through sub divisions under Cooch Behar Division & Cooch Behar Mechanical sub division, P.H.E. Dte.

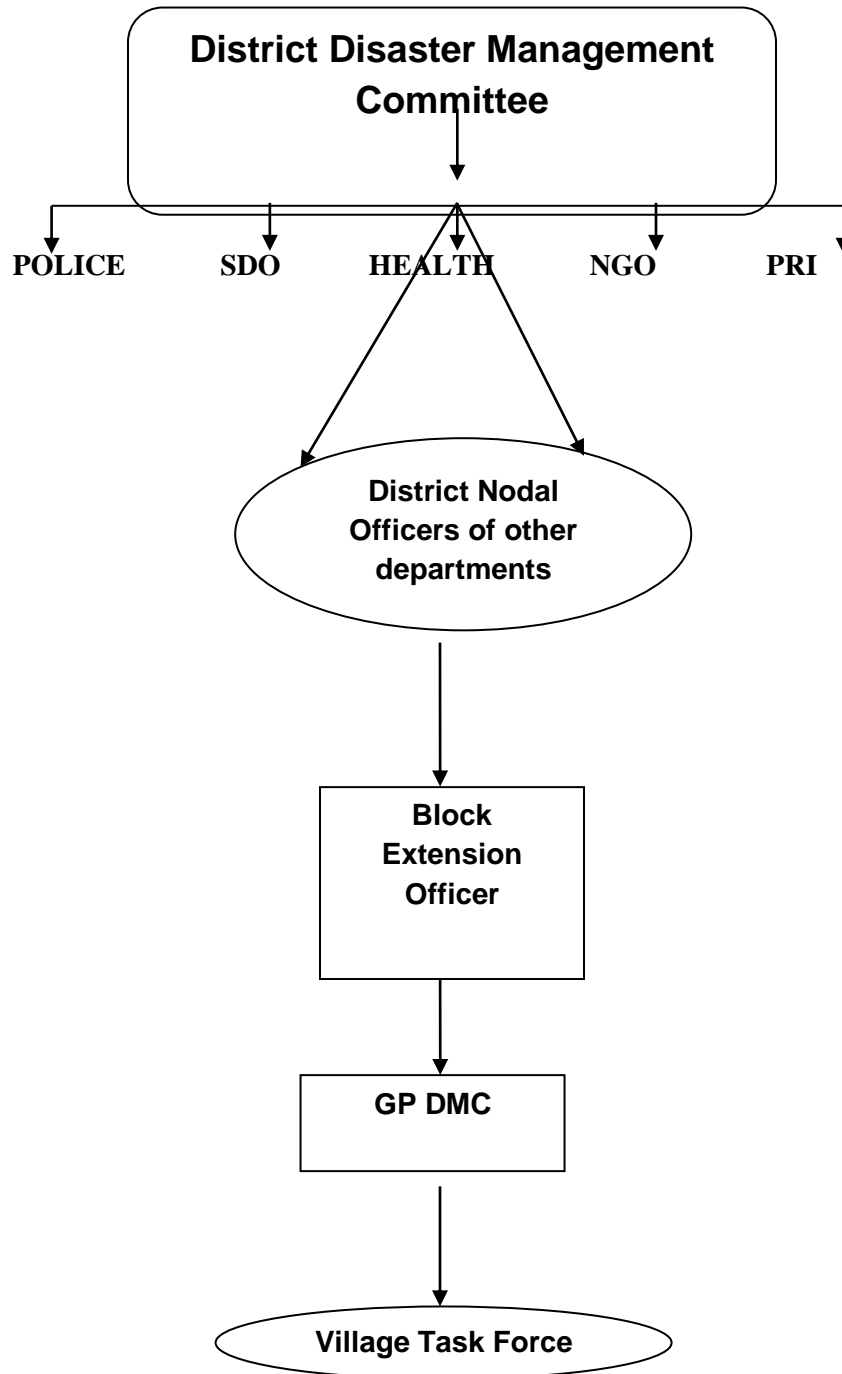
		Mechanical Division, P.H.E. Dte.		
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NGOs	To arrange for extensive sensitization programme.  Volunteer team to be kept ready vulnerable area wise.	To keep contact with GP and block administration.  To arrange to pass the message in the vulnerable areas.	Rescue Operation To arrange for shifting the affected people in the safer places. To keep co-ordination with local administration.	Provide relief.  Provide medicines and safe drinking water First aid and medical care
Gram Panchayat bodies	To arrange for making a network for transmitting the message among the villagers in the vulnerable areas.	To arrange for transmitting message among farmers in vulnerable areas.	To keep co-ordination with local administration.	Arrangement to be taken for taking the affected people to the temporary relief shelters and to inform the matter to the block administration.  A close contact with the evacuation, search and rescue team is also very much needed.
Food & Supplies Deptt.	Will take all action so that a buffer stock of 4000 Lts. of K.Oil may be arranged and kept ready for use during contingencies as there is no electricity in the vulnerable areas.  To prepare a list of all the stockist, fair price owners and also to monitor them.  To arrange for a network with the MR/GR Dealer at the GP level and arrange to disseminate the message as has been received from the authority to the vulnerable areas.  Do's and Don'ts and important telephone nos. are required to be displayed at	To keep their team ready.	To keep co-ordination with local administration.	A close contact with the evacuation, search and rescue team is very much needed  To inform the matter to the block administration To inspect the situation to check the price hike of the essential commodities.

	the shop premises and at the petrol pumps so that every villagers / visitors can access the information to prepare themselves.			
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## 7.2: Evacuation, Search and Rescue Response



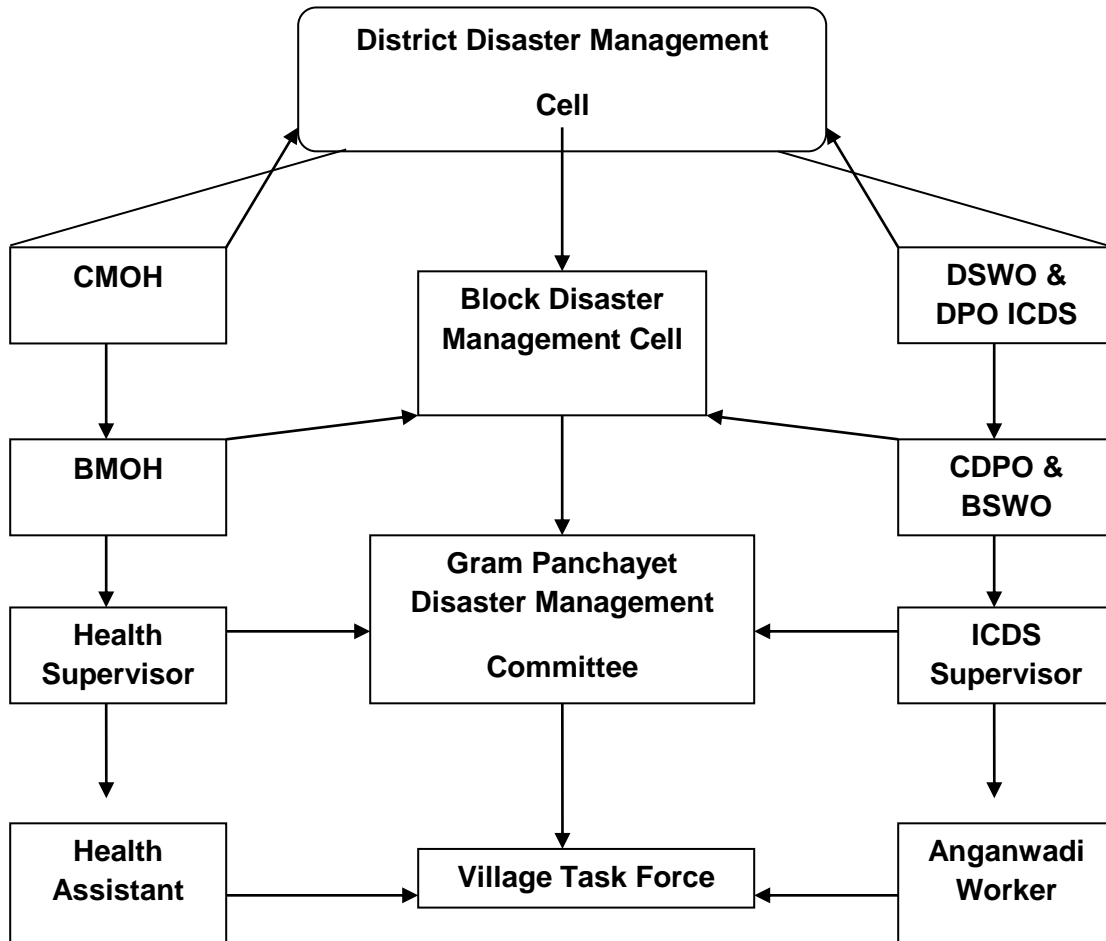
**(B) Evacuation, Search and Rescue:**

Department	Evacuation, Search and Rescue Response Structure and System			
	Preparedness	Pre(after Warning)	During Disaster	Post Disaster
Disaster Management Department/SDDMO/ CIVIL DEFENCE/ BDDMO / Panchayat Samiti/NGOs	<ul style="list-style-type: none"> <li>-Shelters to be identified.</li> <li>-A list of the same is to be given to the Prodhans.</li> <li>-The Head of the institutions are also to be required to be informed well in advance.</li> <li>-Necessary relief materials to be kept ready.</li> </ul>	Concerned Disaster Management Teams of the GP to be kept on alert.	To watch the situation and to coordinate with others.	<ul style="list-style-type: none"> <li>-To monitor search and rescue operation of all the departments.</li> <li>- They will also prepare a record of missing people and inform the report to the higher authority.</li> </ul>
Police	<ul style="list-style-type: none"> <li>-Police personnel will remain alert.</li> <li>-Volunteers to be given training to help police.</li> <li>-To Keep vigil against antisocial activities.</li> </ul>	To be aware of the temporary shelters and its' particulars.	Will observe the situation and to monitor closely.	<ul style="list-style-type: none"> <li>-Intensified patrolling.</li> <li>-Welfare attitude to build To Keep vigil against antisocial activities.</li> <li>-They will also prepare a record of missing people and inform the report to the Block Development Officer of the Block</li> </ul>
Medical	<ul style="list-style-type: none"> <li>-Sensitization programme in the vulnerable areas.</li> <li>-A team to be formed and to be informed to the block administration and to the Gram Panchayat Prodhans.G.P.</li> <li>-Health Supervisors are to arrange to counsel to the people of the vulnerable areas regarding purification of water and other allied matters.</li> </ul>	-They are supposed to stock water purifying tablets, medicines, blade, bandage, iodine, ointment, ORS, delivery equipments etc., which will be used at the rescue shelters or during and after calamity.	<ul style="list-style-type: none"> <li>-They will inform the Prodhans of the Gram Panchayat, BDO/ BMOH/ Savapati of the Panchayat Samiti for supply of medicines and allied items whenever the stock decreases.</li> <li>- To keep co-ordination with local administration.</li> </ul>	<ul style="list-style-type: none"> <li>-They will keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons.</li> <li>-The team will be required to counsel affected persons who lost their relatives and property or only property.</li> <li>-All bereaved or</li> </ul>

				stressed people will be given counsel/solution by the members of this team. Some members should be women. -They will constantly counsel rescued persons in the rescue shelters and see that no rescued person gets mentally derailed.
Embankment/ Irrigation	PWD/ -Will take care of approach roads towards specific areas assessed to be vulnerable. -Gram Panchayat Prodhans are to take appropriate measures pertaining to their respective areas in matters of ensuring pliability of village roads especially in vulnerable areas. In this matter, convergance of disaster management in to development plans to be taken up.	To be on alert	Will observe the situation and to monitor closely.	Will help the GP administration and block administration.
GO/ Volunteer	-This team has special responsibility of rescue of the affected persons. -The members of this team will also require rescue equipments like life jackets, life lines, rope, tyre, life jacket torch saw etc. . which will be used at the time of rescue during calamity	They will keep a list of the owners of carts, vans, four-wheeler, boats, etc so that at the time of calamity, these things can be utilized by the members of this team.	After getting information from the early warning team, will immediately visit all the low-lying areas , request all people to get out of their homes with important belongings and cattle. -They will see that discipline is maintained by all	-They will reach affected areas quickly and safely with doctors, relief materials and volunteers,. -They will also prepare a record of missing people and inform the report to the Block Development Officer of the Block and the Prodhan of Gram Panchayat. -During a calamity, members of this team will arrange

			<p>the villagers at the time of the calamity because discipline will curtail rescue time.</p> <p>-Members of this team will complete evacuation before calamity actually strikes and they will also take shelter in the rescue shelters.</p>	<p>for transporting villagers who may fall sick, to the nearest health centre.</p> <p>-Will help people to remove their belongings and to bring them to rescue shelters</p> <p>-They will also keep a watch on the rescued materials</p>
Public Health Engineering	Water pouch, Tanker, spout arrangement at nearby PWSS, collection of water disinfectants ( Holo gen tab., chorine tab, Bleaching powder, onsite mobile analysis system etc.	Procurement of materials.	Engaged all RWS Mech/ Senior workmen posted at different blocks for disinfection & repair of spot source headed by SAE,RWS	Restoration of PWSS & spot source with the help of Divisional & sub divisional staff/ Agencies

### First Aid & Health Services



**(C) Medical and First Aid:**

Departments	Medical Aid Response System			
	Preparedness	Pre (after warning)	During	Post
	<p>-Sensitization programme in the vulnerable areas.</p> <p>-Team to be formed.</p> <p>-Health Supervisors are to arrange to give counsel to the people of the vulnerable areas regarding purification of water and other allied matters.</p>	<p>-They are supposed to stock Halogen tablets / Aqua tabs, medicines, blade, bandage, iodine, ointment, ORS, delivery equipments etc., which will be used at the rescue shelters or during and after calamity.</p>	<p>-They will inform the Prodhan of the Gram Panchayat, BDO/ BMOH/ Savapati of the Panchayat Samiti for supply of medicines and allied items whenever the stock decreases.</p> <p>- To keep co-ordination with local administration</p>	<p>-They will keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons.</p> <p>-The team will be required to counsel affected persons who lost lives and property or only property.</p> <p>-All bereaved or stressed people will be counseled /given solutions by The members of this team. Some members will be women.</p> <p>-They will constantly counsel rescued persons in the rescue shelters and see that no rescued person gets mentally derailed.</p>

BWO	-Arrange for sensitization Programme with the Health Department. -Request the Health Dept. to prepare a blueprint of their proposed action.	Keep a liaison with the Health Department	Will observe the situation and monitor	To assist the Health Department.
ADO/BLDO	-Will take necessary steps to ensure stock in respect of cattle fodder as per assessment and the VS will arrange for cattle vaccine etc. to combat flood situation. -VS will also complete the cattle vaccination before heavy rainfall. -To form a team with the farmers headed by the LDA and also block supervisors at the GP level.	To be on alert.	Will observe the situation and to monitor closely.	Will help the GP administration and block administration.

**(D) CARCASS/DEAD BODIES' DISPOSAL**

Departments	Preparedness	Pre (after warning)	During	Post
Health & Family Welfare	Sensitization programme	To observe the situation.	Keep on monitoring	<ul style="list-style-type: none"> <li>• Arrange for post mortem</li> <li>• Give the post mortem report to the police</li> <li>• Keep record and inform BDO</li> </ul>
Police	Sensitization programme	To observe the situation.	Keep on monitoring	-Prepare a list of dead bodies. -Maintain Law & Order -Arrange for post mortem -Keep record and inform BDO
ADO/BLDO	Sensitization programme	To observe the situation.	Keep on recording	-Prepare a list of animal population died. -Arrange for removal and burry
BDO/Gram Panchayat	Sensitization Programme.	To observe the situation.	To observe the situation.	-Will take necessary steps under the supervision of IC/OC of the Police Station and BMOH of the Concerned Block. -Arrange for removal and burry.
NGO Volunteers	To take part in the Sensitization Programme	To form a team and to contact with the GP Officials	To observe the situation.	Will take necessary steps under the supervision of GP Prodhan and IC/OC of the police Station.

**(E) SHELTER MANAGEMENT**

Departments	Shelter Management - Response System			
	Preparedness	Pre (after Warning)	During	Post
DISASTER Management Deptt/ SDDMO/BDMO / Panchayat Samity/Cibil Defence/NGOs	-Discussion, Co-ordination, -To visit the rescue shelter or the proposed rescue shelters for making the shelter habitable. -To reach the rescue shelters before hand -To ensure health and nutrition components in the food which will be supplied to the rescued people at the shelters.	-To take care of Rescue shelters, Safe shelter, Supply of food, Water and medicines to the rescued people. -To arrange for stocking water, sanitation, and separate sanitation for women. -To arrange for food utensils and medicines at the proposed rescue shelters at the time of actual calamity.	Observation.	-To keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons. -To counsel affected persons who lost lives and property or only property. All bereaved or stressed people will be required to be given counsel/solution by the members. - To see that no rescued person gets mentally derailed.
Police	To arrange for sensitization programme. To arrange for a team	To arrange to maintain law and order in and around the shelters.	Observation.	To maintain law and order.

Electricity	Plan for temporary electric supply to be ready and to submit a report to the B.D.O.	To form a team and to keep their instruments ready.	Observation.	Construction of the temporary installation in the temporary shelter to be executed.
NGO/ Volunteers	-Discussion, -Co-ordination, -Observation. -This team will ensure health and nutrition in the food which will be supplied to the rescued people at the shelters. -Members of this team are required to visit the rescue shelter or the proposed rescue shelters for making the shelter habitable. -Before actual calamity strikes, the members of this team will reach the rescue	-This team will take care of Rescue shelters, Safe shelter, Supply of food, Water and medicines to the rescued people. -They will also arrange for stocking water, sanitation, and separate sanitation for women. -Members of this team will arrange for food utensils and medicines at the proposed rescue shelters at the time of actual calamity.	Observation.	-They will also arrange for keeping the rescue shelters clean and germ-free by spreading bleaching power around the shelter. -Special care will be taken by the members of this team for children, aged persons, infirm and sick persons, pregnant and lactating mothers. -Members of this team will also arrange for recording the names of every rescued persons and for issuing identification slips to them



	shelters beforehand.			so that by showing these slips the rescued persons may obtain supply of food, water and medicine.
RWS & S	Action Plan to be prepared and to submit a report.	To form a team and to keep their instruments ready.	Observation.	Temporary installation of Tube wells in the temporary shelter and also arrange for purification of water and disinfection of the tube wells in the vulnerable areas.
Medical / ICDS / PHE	-Sensitization programme in the vulnerable areas. -Teams to be formed and to be informed to the block administration and to the Gram Panchayat Prodhans, G.P. -Health Supervisors are to arrange to counsel to the people of the vulnerable areas regarding purification of water and other allied matters.	They are supposed to stock Halogen/Aqua Tabs, medicines, blade, bandage, iodine, ointment, ORS, delivery equipments etc., which will be used at the rescue shelters or during and after calamity.	They will provide first-aid services to rescued persons	-They will keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons. -The team will be required to counsel affected persons who lost lives and property or only property. -All bereaved or stressed people will be counseled by the members of this team. Some members will be women. -They will constantly counsel rescued persons in the rescue shelters and see that no rescued person gets mentally derailed.

**(F) Water and Sanitation**

Departments	Health and Sanitation Response System			
	Preparedness	Pre (after Warning)	During	Post
PHE / SDDMO/BDMO / Sanitary Inspector	-Sensitization programme in the vulnerable areas. A team to be formed and to be informed to the block administration and to the Gram Panchayat Prodhans.G.P.	-They are supposed to stock water purifying tablets, medicines, blade, bandage, iodine, ointment, ORS, delivery equipments etc., which will be used at the rescue shelters or during and	-They will supply first-aid to rescued persons and inform the Prodhan of the Gram Panchayat, Block	-They will keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons. -The team will be required to counsel affected persons who lost lives and property or only

	<p>-Health Supervisors are to arrange to counsel to the people of the vulnerable areas regarding purification of water and other allied matters.</p>	<p>after calamity.</p>	<p>Development Officers/ Block Medical Officer of Health/ Savapati of the Panchayat Samiti for supply of medicines and allied items whenever the stock decreases. -To keep co-ordination with local administration.</p>	<p>property. -All bereaved or stressed people will be given counsel/solution by the members of this team. Some members will be women. -They will constantly counsel rescued persons in the rescue shelters and see that no rescued person gets mentally derailed.</p>
<p>RD/NGO /volunteers</p>	<p>-People will be instructed by these members to develop sanitation in their families before, during and after the calamity. -Before a calamity, this team will arrange for raising the platform of some of the tube wells so that people can use those tube wells during inundation. -The team will prepare a list of all Children, pregnant mothers and physically handicapped persons, infirm and aged persons of the village and obtain information on their medical treatment.</p>	<p>-Members of Water and Sanitation Team will try to collect sufficient quantity of Bleaching Powder and water purifying tablets. -They are supposed to stock water purifying tablets, medicines, blade, bandage, iodine, ointment, ORS, delivery equipments etc., which will be used at the rescue shelters or during and after calamity.</p>	<p>-It is the duty of this team to see that no rescued person go for open defecation. -They will supply first-aid to rescued persons and inform the Prodhan of the Gram Panchayat, Block Development Officers/Block Medical Officer of Health/ Savapati of the Panchayat Samiti for supply of medicines and allied items whenever the stock decreases.</p>	<p>-They will see 1.that Rescue centers have separate toilets and 2. Rescued people use temporary toilets prepared near the rescued centers. 3. Members of this team will also arrange for clearing drainage and maintain the cleanliness. -These members will ensure that rescued persons use only fixed toilets. -These members will also stay at the rescue centres during calamity. -After the calamity, it is the duty of these members to spread Bleaching Powder and other disinfectant in and around affected areas to clear the rescue centers, temporary toilets, guide people to use purified water only and to help villagers to use purified water of the tube wells and wells. -They will keep list of all infectious patients and try to keep all infectious patients in the rescued shelters separately at a safe distance from other rescued persons.</p>

**(G) Relief**

Departments	Health and Sanitation Response System			
	Preparedness	Pre (after Warning)	During	Post
Disaster Management Department/ SDDMO/BDMO/GP	Discussion, Co-ordination, discipline, observation, arrangement of stocking of relief articles etc.	To see that storage of packets, baby food, dry food, medicine, torch, dry cell, kerosene oil, hurricane, fuel wood bamboo, rope, tarpaulin sheet etc. at the temporary rescue shelters. Fodder and medicine for cattle should also be stored.	Observation  To see as to the affected persons' coming in the rescue shelter	-To arrange for supplying relief materials to rescue centers as per plan -To arrange for keeping a vigil that all rescued persons are provided with relief materials. -To maintain proper accounts for receiving and distributing all relief material. -To assess damages and arrange for compensation for the villagers.
BLDO	-Will take necessary steps to ensure stock in respect of cattle fodder as assessment and the VS will arrange for cattle vaccine etc. to combat flood situation. -VS will also complete the cattle vaccination before heavy rainfall. -To form a team with the farmers headed by the LDA and also block supervisors at the GP level.	To be on alert	Will observe the situation and to monitor closely.	Will help the GP administration and block administration.
RWS	Action Plan to be prepared and to submit a report to the B.D.O.	To form a team and to keep their instruments ready.	Observation.	Installation of temporary Tube wells in the temporary shelters and also arrange for purification of water and disinfection of the tube wells in the vulnerable areas to be made.

NGO/Volunteers	Discussion, Co-ordination, discipline, observation, arrangement of stocking of relief articles etc.	This team will be responsible for stocking packets, dry food, medicine, torch, dry cell, kerosene oil, hurricane, fuel wood bamboo, rope, tarpaulin sheet etc. at the temporary rescue shelters. Fodder and medicine for cattle should also be stored.	They will see as to the affected persons' coming in the rescue shelter	-This team will supply relief materials to rescue centers as per provisions. -Some of the members of this team may stay at the rescue shelters to keep a vigil that all rescued persons are provided with relief materials. -They will maintain proper accounts for receiving and distributing all relief material. -This team will also assess damages and arrange for compensation for the villagers.
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**(H) Infrastructure Restoration**

	Departments					
	P & RD	PWD	Irrigation	Electrical	RWS& PHE	Block
Preparedness	Yes	Yes	Yes	Yes	Yes	Yes
Pre (after warning)	Yes	Yes	Yes	Yes	Yes	Yes
During	Yes	Yes	Yes	Yes	Yes	Yes
Post	Yes	Yes	Yes	Yes	Yes	Yes

**(I) Cattle Camps**

	Departments		
	BLDO	BDO / Panchayat Samity	NGO/Volunteer
Preparedness	Yes	Yes	Yes
Pre (after warning)	Yes	Yes	Yes
During	Yes	Yes	Yes
Post	Yes	Yes	Yes

*(Note: For all the eight groups' roles and responsibilities should be defined for flood, cyclone, Drought, fire, earthquake, chemical hazard depending on the vulnerability of the area)*

### 7.3: CHECKLISTS: DO'S AND DON'TS : Hazard Specific Instructions

#### Important Guidelines in case of Emergency

- Listen to a battery-powered radio and follow local evacuation instructions.
- Secure your home: Unplug electrical equipment, such as radios televisions and small appliances such as toasters heaters, etc.
- Leave freezers and refrigerators plugged in unless there is a risk of flooding.
- Follow recommended evacuation routes. Do not take shortcuts; they may be blocked.
- Be alert for washed-out roads and bridges.
- Do not drive into flooded areas.
- Stay away from downed power lines.

#### a) Operational Guidelines of what to do in the event of a Flood.

Do's	Don'ts
<ul style="list-style-type: none"> <li>• Avoid building in a floodplain unless you elevate and reinforce your home.</li> <li>• Elevate the pumps and electric panel if susceptible to flooding.</li> <li>• Install 'check valves' in sewer traps to prevent flood water from backing up into the drains of your home.</li> <li>• Construct barriers (levees, beams, floodwalls) to stop floodwater from entering the building.</li> <li>• Seal walls in basements with waterproofing compounds to avoid seepage.</li> </ul> <p><b>if a flood is likely in the area</b></p> <ul style="list-style-type: none"> <li>• Listen to the radio or TV for information.</li> <li>• Be aware that flash flooding can occur. If there is any possibility of a flash flood, move immediately to higher ground. Do not wait for instructions to move.</li> <li>• Be aware of streams, drainage channels, canyons, and other areas known to flood suddenly. Flash floods can occur in these areas with or without such typical warnings as rain clouds or heavy rain.</li> </ul> <p><b>If you must prepare to evacuate, you should do the following:</b></p> <ul style="list-style-type: none"> <li>• Secure your home. If you have time, bring in outdoor furniture. Move essential items to an upper floor.</li> <li>• Turn off utilities at the main switches or valves if instructed to do so. Disconnect electrical appliances. Do not touch electrical equipment. If you are wet or standing in water.</li> </ul>	<ul style="list-style-type: none"> <li>• Do not enter deep, unknown waters.</li> <li>• Do not go near the riverbank even after the floodwater has receded.</li> <li>• 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.</li> <li>• Do not use polluted water.</li> <li>• Do not follow any shortcut for rescue work.</li> <li>• If you find any breakage in the drainage system stop using latrines and do not use tap water.</li> <li>• If the floodwater has entered the house or has surrounded the house, then it is advisable not to enter such house.</li> </ul>

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

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

**After a Flood, Do these**

- There is a possibility of spread of water borne diseases after flood, hence medical treatment should be taken immediately.
- 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.
- 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 equipments 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 equipments.
- 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

<p>can be minimized</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Boil drinking water before use and drink chlorinated water.</li> <li>• Eat safe food.</li> <li>• Rescue work should be undertaken immediately after flood situation as per the instructions.</li> </ul>	
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### Operational Guidelines of what to do in the event of an Earthquake

Do's	Don'ts
<p><b>Points To Remember:</b> prepare yourself</p> <ul style="list-style-type: none"> <li>• Insure your house against damage.</li> <li>• Before you buy a flat, check legality of the construction – ask for copy of the ‘Building Use permit’ or ‘occupation certificate’.</li> <li>• Ensure all cabinets, wall hangings are anchored to the walls.</li> <li>• Sensitize your neighbours about the earthquake risk they face and organize repair work if required.</li> <li>• Get your building reviewed by a competent and registered structural engineer.</li> <li>• Structural retrofitting should be done only under supervision of a structural engineer.</li> <li>• Ensure all clearances before construction of new building.</li> <li>• Check if the land is not prone to flooding.</li> <li>• Check the soil is not soft and is not liquefiable and build on solid natural ground.</li> <li>• Get your building plans approved from the relevant authorities.</li> <li>• Ensure there is good connection between roof and walls, foundation and walls, at wall corners.</li> <li>• Enforcement of building byelaws.</li> <li>• Strengthening of public buildings.</li> </ul> <p><b>When You Know there is an Earthquake</b> do this!</p> <ul style="list-style-type: none"> <li>• If already inside, then stay indoors! Get under a heavy desk or table and hang on to it.</li> <li>• If fire breaks out, drop on the floor and crawl towards the nearest exit.</li> <li>• If you are out doors during the earthquake, keep away from buildings, trees and electricity lines. Walk towards open places, in a calm and composed manner.</li> <li>• If you are driving, quickly but carefully move your car as far out of traffic as possible and stop. Stay inside the car until shaking stops.</li> <li>• If you are in a school, get under a desk or table and hold on to it.</li> <li>• If you are near an exit, leave the building as soon as possible.</li> <li>• If you are in high-rise building, staircase do drop cover and hold sit or lie besides under mentioned furniture.</li> </ul> <p><b>After An Earthquake</b></p>	<ul style="list-style-type: none"> <li>• <b>Do not panic</b></li> <li>• Do not stop on or under a bridge or overpass or under trees, light posts, power lines, or signs.</li> <li>• Do not be afraid of the aftershocks.</li> <li>• Do not enter into the unsafe or risky houses or building</li> </ul>

<ul style="list-style-type: none"><li>• Listen to radio or TV and other media for Government Announcements.</li><li>• Check for injuries to yourself and those around you. Take first aid where you can.</li><li>• Extinguish fires, if any.</li><li>• Examine walls, floors, doors, staircases and windows to make sure that the building is not in danger of collapsing.</li><li>• 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.</li><li>• Do not keep telephone lines busy unnecessarily.</li><li>• Switch off electric lines.</li></ul>	
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## CHAPTER 8:

### RECONSTRUCTION, REHABILITATION AND RECOVERY MEASURES

Recovery encompasses both short-term and long-term efforts for the rebuilding and revitalization of affected communities. Recovery planning must provide for a near-seamless transition from response activities to short-term recovery operations—including restoration of interrupted utility services, re-establishment of transportation routes and the provision of food and shelter to displaced persons. Planners should design long-term recovery plans to maximize results through the efficient use of resources and incorporate national recovery doctrine.

Damage assessment mechanism:- Damage Assessment is a preliminary onsite evaluation of damage or loss caused by an accident or natural event. Damage assessments record the extent of damage, what can be replaced, restored or salvaged. It may also estimate the time required for repair, replacement and recovery.

Damage assessment is an integral part of facilitating effective and efficient response by government agencies and other organisations. Good damage assessment would start the ball rolling for effective response and relief operations such as evacuation, sheltering, search and rescue, mass casualty management, etc.

Damage assessment would be conducted as soon as possible after the disaster, but assessors must put their own safety first. The **Initial Situation Overview (ISO)** is carried out to obtain as quickly as possible a broad picture of the extent of damage caused by the impact. It is typically carried out and submitted within the first 8 hours after the event and focuses on issues such as casualties, displacement of the population and damage to lifelines and critical facilities. It is largely based on observations reported by key organizations and officials through general reconnaissance rather than detailed field assessment. The ISO often involves observation from an aircraft, sometimes satellite photographs, and various other reports. The information from the Initial Situation Overview allows national/local officials to determine immediate actions necessary to respond to the effects of the hazard.

#### 1. Restoration of basic infrastructure

Short term - Restoration of Basic Infrastructure including roads, bridges, drinking water supply, electricity, communication network and roads/ paths leading to the villages; Restoration/ Repair of the lifelines/critical buildings – repair/reconstruct the lifeline buildings /critical buildings which are necessary for treating the affected people or rehabilitation in these buildings as shelters.

#### 2. Reconstruction and Repairs

#### 3. Recovery program (both short and long term)

The nodal departments are to be assigned the responsibilities of reconstruction and restoration activities, perform these activities diligently and restore the minimum basic infrastructure in the area which is vital for sustaining human life in the area. These departments are PWD,

Health & family welfare, Electricity Boards, Development authority, Roads and Buildings, water supply and sanitation departments.

**Reconstruction /Rehab/Prevention/Mitigation Plans**

**Irrigation :**

**A. SHORT TERM MEASURES:**

1. Procurement of sand, sand bags and empty bags as flood fighting materials and storing them at pertinent locations well in advance.

**Agriculture :**

**TENTATIVE REQUIREMENTS OF INPUTS FOR EARLY & LATE FLOOD AND DRAUGHT**

WBSSC Ltd. will be requested to be prepared for supply of required quantity of seeds of specific varieties

## **CHAPTER 9:**

### **FINANCIAL RESOURCES FOR IMPLEMENTATION OF DDMP**

District Disaster Response Funds and District Disaster Mitigation Funds are proposed to be created at the District Level as mandated by Section 48 of the DM Act. The disaster response funds at the district level would be used by the DDMA towards meeting expenses for emergency response, relief, rehabilitation in accordance with the guidelines and norms laid down by the Government of India and the State Government.

All State Government Departments, Boards, Corporations, PRIs and ULBs would prepare their DM plans, including the financial projections to support these plans. The necessary financial requirements would be made a part of their annual budgetary allocations and ongoing programmes and used for mitigation and preparedness measures. They will also identify mitigation projects and project them for funding in consultation with the SDMA/DDMAs to the appropriate funding agency. The guidelines issued by the NDMA vis-a-vis various disasters should be considered while preparing mitigation projects.

Other financing options for restoration of infrastructure / livelihoods. Like utilization of flexi fund within Central Sponsored Scheme for mitigation/restoration activities in the event of natural calamities in accordance with the broad objective of the Central Sector Scheme.

DDMA should also look at other options of new financial tools like catastrophe risk financing, risk insurance, micro-insurance etc. to compensate for massive losses on account of disasters.

Opportunities of CSR investments should also be explored and elaborated under this section by the DDMA for increasing district resilience.

## **CHAPTER 10:**

### **PROCEDURE AND METHODOLOGY FOR MONITORING, EVALUATION, UPDATION AND MAINTENANCE OF DDMP**

Evaluating the effectiveness of plans involves a combination of training events, exercises etc. to determine whether the goals, objectives, decisions, actions and timing outlined in the plan will result in an effective response. Indicative guidelines for monitoring and evaluation of the plan are as given below:

1. Review of the plan take place once in a year .

## **CHAPTER 11:**

### **COORDINATION MECHANISM FOR IMPLEMENTATION OF DDMP**

Dealing with a major disaster requires resources from outside the district. When the capacities of a district administration are overwhelmed, higher levels are called upon to assist. Likewise, assets and capabilities in the corporate and non-governmental sectors available around the district may be brought to bear.

There are many actions undertaken by participants in disaster management that support this goal, both pre-disaster (to forestall or reduce potential damage) and post-disaster (to recover from actual damage) and ideally these activities would reduce the potential effects of a disaster significantly. For achieving this objective, the plan should have a pre-established and practiced mechanism for Inter, intra and extra agency coordination.

Communication is the most important tool for effective coordination. Generally, Emergency Operation centre (EOC) is the enabler of communication and coordination. EOC communication and coordination plan (EoC-SoP) should specify procedures for interfacing with different stakeholders during all phases of emergency, as stated in the DDMP framework.

Pre-Disaster meetings to review the DDMP with all stakeholders should also be planned.

## CHAPTER 12:

### STANDARD OPERATING PROCEDURES (SOPs) AND CHECK LIST

#### Standard Operating procedures (SOPs)

Standard Operating Procedures (SOPs) are a common method of implementing instructions. SOPs provide response protocols for carrying out specific responsibilities. They describe who, what, when and how SOPs are appropriate for complex tasks requiring step-by-step instructions for performing a task. It is necessary to prepare and annex - SOPs for all relevant hazards to one's district – like – Earthquake, Flood, Cyclone, Landslide, Tsunami, Manmade disasters (CBRN, Stampede etc.) .

Hazard or incident specific annexes usually identify hazard specific risk areas and evacuation routes, specify provisions and protocols for warning the public and disseminating emergency public information and also specify the types of protective equipment and detection devices required by responders.

The annexes have work aids for items including maps, charts, tables, checklists, resource inventories and summaries of critical information. As indicated previously, hazard-specific annexes follow the basic plan's content organization. Hazard-specific operations information includes:

- I. Assessment and control of the hazard (natural and manmade including mass gathering at places of congregation).
- II. Identification of unique prevention and CIKR protection activities to be undertaken to address the hazard or threat, as appropriate
- III. Selection of protective actions
  - V. Implementation of protective actions
  - VI. Implementation of short-term stabilization actions
  - VII. Implementation of recovery actions.

**Example of implementation instruction** – evacuation annex may be made clearer by attaching maps with evacuation routes marked. Similarly, location of shelters may be marked on maps supporting the mass care annex.

2. (i) Resource Management annexure – Give resource(s) list. Describes the means, organisation and process by which district will find, obtain and allocate resources to satisfy needs that are generated during different phases of disaster cycle. The list will also include resources (equipment and personnel) for fire response.

(ii) This annexure will also include list of contact / access numbers of all important resources (including man, material and machineries). The list of equipments, assets including human resources details/skill of persons etc of both public and private sector to be uploaded by the district authorities on the Indian Disaster Resources Network at the website [www.idrn.gov.in](http://www.idrn.gov.in).

**(iii) Helipads / Runways:**

Details of runways and helipads (non-classified) with geo-coordinates, their status (operational/non-operational etc.) and specification should be incorporated into the resources list. Details of department/ministry holding information on runways / helipads falling under classified category should be reflected in the resource management annexure.

**(iv) On-Line Application:**

Online application should be developed for mapping crucial real time information, reflecting exactly what is happening, what is most needed, and precisely where. Such applications should be integrated with the State portal and tested from time to time.

3. **Communication annex** – describes total communication system and how it will be used.
4. **Warning annex** – describes warning system in place and responsibilities and procedures for using them.
5. **Emergency Public information annex** – provides the procedures for giving public accurate, timely and useful information and instructions through the emergency period
6. **Evacuation annex** – describes the provisions that have been made to ensure the safety and orderly evacuation of people threatened by hazards that the district faces.
7. **The mass care annex** – deals with the actions that are to be taken to protect evacuees and other disaster victims from the effects of disasters including providing temporary shelters, food, medical care, clothing, drinking water and other essential needs.
8. **The health and medical annex**- describes policies and procedures for mobilising and managing health and medical services during all phases of disaster cycle.
9. **Mutual aid / partnerships with other agencies annex** – MoU with corporate sectors, telecom service providers, pharmaceutical industries, heavy machinery users / manufacturers, NGOs etc.

**SOP for Earthquake (without warning situation)**

Earthquakes can neither be predicted nor prevented. When an earthquake strikes, the district team must be ready to respond. To survive, the administration and neighbourhood community members should be prepared with ‘\_survival plans’. Preparing for an earthquake takes time and effort. The basic approach should be: (a) Avoid injury to self and help others; (b) minimize damage to CIKR

installations and property; (c) Be prepared to survive and function for at least 72 hours after an earthquake without help from external aid.

**Special Hazards / Precautions:**

1. Earthquake impact can cause damage to critical infrastructures including telecom, power transmission, water supply, gas or oil pipelines resulting in pipe rupture or blast from ignition of accumulated associated well gas and vaporization of crude oil pool.
2. Each agency must immediately shut down all operations and supply in pipeline / transmission lines as per their on-site emergency response plan.
3. Depending upon the intensity, <6 Magnitude evacuation may be required for both within the facility as well as for neighbouring community to assemble in designated open ground/ muster point.
4. Fire fighting, search and rescue teams to be kept in standby for any emergency rescue operations.
5. Emergency coordination team to monitor the situation.
6. Only after proper safety inspection, critical infrastructure facilities may be asked to resume their operation.

**Emergency Response Resource Requirements:**

- 1. Emergency Communication**
  - i. Sat phones for wide area communication
  - ii. Wireless for local area communication
- 2. Fire management services:**
  - i. Mobile fire protection system
- 3. Specialised resources (Pre-contracted under MoU)**
  - i. SAR
  - ii. Specialised equipment's for SAR
- 4. Manpower:**
  - i. Additional fire fighters / support personnel
- 5. Medical**
  - i. Ambulances
  - ii. Doctors
  - iii. Nurses
  - iv. Stretchers
  - v. Pharmacy supply / First aid kits

**6. Law and Order**

i. Police

**INCIDENT ACTION PLAN (IAP):**

It is important that activities indicated in the IAP are connected with the functional responsibility matrix given under the plan activation section in basic plan.

S.No.	Task / Function / Activity	Department/ Officer Responsible	Time
1	Raise alarm	Civil Defence	
2	The staff to follow ‘drop-cover-hold’ procedures and assemble at pre-designated safe muster points	Schools, Colleges	During Earthquake
3	Emergency Alarm/Notification/ Notify Authorities & external agencies (Refer Emergency Contact in Appendix)		
4	Issue instructions to shut down all operations immediately on CIKR	Electric connections shut down by- WBSEDCL,	During Disaster
5	Assess situation, make evacuation plan and evacuation	All line Department, Schools, Colleges	During and after situation
6	Activate special resources for SAR including JCBs, Earth-movers, Steel cutters	PWD, Municipalities	After Earthquake
7	Establish Unified Command (for liaison with responding agencies)	District Authority	
8	Coordinate and mobilize specialized medical teams with mobile operation theatres	Health Department	During & After Earthquake
9	Coordinate and mobilize transport and logistics	Motor Vehicle Dept.	
10	Assess Hazards – potential for leakage and consequent explosion		



11	Cordon off the area – Establish —hazard zone and secure area from unauthorized entry.	Police	
	<b>Community Evacuation Plan</b>		
12	Trigger alarm/early warning siren and evacuate community to pre-designated open ground	Schools, Colleges	During Earthquak
13	Ensure speedy coordination for evacuation	Schools, Colleges	
14	Attend the injured with first aid and transport them to hospital	Volunteers	
15	Assure the people by sharing the real impact of incident and seek their cooperation	Media	
16	Provide temporary shelter with water, food and sanitation facilities	District Authority	
	<b>Conduct damage assessment</b>		
17	Only after thorough check-up and formal clearance, community can be permitted to return to their habitation		

## **SOP for Flood and Flash Flood (with warning situation)**

### **Preparing for Flood/Flash Flood**

Describe vulnerability of your district to flood / flash flood in couple of lines with impact assumptions.

#### **Precautions:**

1. Flooding can disrupt continuity of Governance and the life of the community
2. Flooding can lead to disruption in electrical supply and communication and cause damage to roads, bridges and other infrastructure.
3. Depending upon the level and quantum of water inundation evacuation required for community to move to safe zones.
4. Search and rescue teams to be kept in standby for any emergency rescue operations
5. Emergency coordination team to monitor the situation
6. Ensure that drainage channels / —*nalla"s*” are de-silted and bunds are periodically maintained.

#### **Emergency Response Resources:**

##### **Specialist Resources**

1. Search and rescue teams (divers/swimmers, Emergency Medical )
2. Specialized equipment- like boats, life jackets (helicopters), etc.

##### **Manpower**

1. Support Personnel

##### **Medical Support**

1. Ambulances (complete with emergency medication)
2. Doctors
3. Nurses
4. Stretcher Bearers
5. Oral Rehydration Satchets (ORS)

**Law & Order Agencies**

1. Police

**Other Essentials**

1. Water storage tanks
2. Chlorine tablets
3. Temporary shelters with sanitation facilities
4. Temporary common kitchen or food packets

**Incident Action Plan (IAP)**

It is important that activities indicated in the IAP are connected with the functional responsibility matrix given under the plan activation section in basic plan.

<b>Task / Function / Activity</b>	<b>Department/ Officer Responsible</b>	<b>Time</b>
Raise alarm / Mass messaging / Community siren system		
look out for regular updates from Indian Meteorological Department (IMD) and Central Water Commission (CWC) for forecast and follow up action.	District Authority, EOC	Entire period
Alert all ESF to start working on their role	District Authority	During Flood
Raise alarm if water level is reaching <b>critical level</b> of jeopardizing safety of infrastructure	Irrigation	

<p>Assess situation, make evacuation plan and move community to safer zones</p> <p>Activate special resources</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Search and rescue (divers/swimmers, boats, life jackets, searchlights, nylon ropes)</li> <li><input type="checkbox"/> Specialized equipment (helicopters, sandbags, crowbars, spades, portable motor pumps)</li> </ul> <p>Establish Unified Command (for liaison with responding agencies) close/cordon flooded roads and area from entry.</p>	<p>Panchayat Institution, Schools Civil Defence Army/BSF District Authority Police</p>	
<p>Assess situation hour to hour in close contact with IMD/CWC and other agencies</p>	<p>Irrigation</p>	
<p>Conduct damage assessment</p>		
<p>Only after thorough check-up and formal clearance, community can be permitted to return to their habitation</p>	<p>Panchayat Institution</p>	

**(Note: The list is indicative and needs to be expanded)**

**CIVIL DEFENCE:**

Sl. No.	Equipment	Present stock
1	SCUBA SET	2 SET
2	LIFE JACKET	4 PC
3	BULLET CHAIN SAW	1 PC
4	CIRCULAR SAW	2PC
5	FIBER STRECHER	2 PC
6	HEAVY DUTY GLOVES	10 PAIR
7	FIRE AXE	2 PC
8	APRONE (ID JACKET)	30 PCS
9	ZUMERING SET	3 SET
10	AIR COMPRESSOR MACHINE	1 PCS
11	ELECTRIC GENERATOR/ GENSET	1PCS
12	COMEALONG	1PCS
13	HAMMER DRIL	1 PCS

14	COPYCOL	1 PCS
15	BLANKET	4 PCS
16	FIRE SUIT	1 SET
17	B.S. SET	2 SET
18	ALUMMINIUN SILVER ADJUSTING LADDER	2 PCS
19	CHAIR HERNESS	2 PCS
20	FULL BODY HERNESS	2 PCS
21	CARMENTAL ROAP	1 PCS
22	TRIPOD	1 SET

## CHAPTER 13:- ANALYSIS OF VULNERABILITY

1	2	3	4	5	6	7	8	9	10
Name of Block / Municipality	If prone to flood, mention number of people in vulnerable zone	If vulnerable to cyclone, mention number of people likely to be affected in case of cyclone	If vulnerable to Tsunami, mention number of people likely to be affected in case of Tsunami	If vulnerable to landslide, mention number of people likely to be affected	If vulnerable to chemical/industrial, mention number of people likely to be affected	People likely to be affected by other disaster if any,	Total number of people given in column 2 to 7	Earthquake Vulnerability Zone	Priority ranking as per vulnerability to multiple disasters
Cooch Behar-I Block	26930	82000	0	0	0		108930	IV & V	9
Cooch Behar-II Block	10960	95000	0	0	0		105960	IV & V	3
Tufanganj-I Block	69825	90000	0	0	0		159825	V	2
Tufanganj-	117112	70000	0	0	0		187112	V	1

**DISTRICT DISASTER MANAGEMNT PLAN-2023, DISTRICT-COOCH BEAHR**

II Block									
Dinhata-I Block	27875	85000	0	0	0		112875	IV	4
Dinhata-II Block	21665	80000	0	0	0		101665	IV & V	10
Sitai Block	12250	40000	0	0	0		52250	IV	12
Mathabhanga-I Block	55840	81000	0	0	0		136840	IV	11
Mathabhanga-II Block	22200	82000	0	0	0		104200	IV	5
Sitalkuchi Block	17250	35000	0	0	0		52250	IV	6
Haldibari Block	840	25000	0	0	0		25840	IV	8
Mekhliganj Block	18350	44000	0	0	0		62350	IV	7
Cooch Behar-Municipality	5300	3000	0	0	0		8300	IV	
Dinahata Municipality	2900	1500	0	0	0		4400	IV	
Mathabhanga	2400	1200	0	0	0		3600	IV	
Tufanganj	1900	1100	0	0	0		3000	V	
Mekhliganj	1800	1000	0	0	0		2800	IV	
Haldibari	2000	500	0	0	0		2500	IV	

**APPENDIX III:- LIST OF FLOOD SHELTERS**

LIST OF FLOOD SHELTERS				
Sl. No	Name of the Block/ Sub-Division	Name of the flood / cyclone shelter	Address	G.P. Municipality
1	Mathabhanga-I	Hazrahath -I Gram Panchayat	Hazrahath	Hazrahath-I
2	Mathabhanga-I	Kederhat Gram Panchayat (Giladanga )	Kedarhat	Kedarhat
3	Mathabhanga-II	Singijani-AP School	Boro soulmari,	Boro Soulmari
4	Mathabhanga-II	Purbabalasundar pry. School	Boro soulmari,	Boro Soulmari
5	Mathabhanga-II	Pascim balasundar pry. School	Boro soulmari,	Boro Soulmari
6	Mathabhanga-II	ksheti-jr. Basic School	Fulbari	Fulbari
7	Mathabhanga-II	fulbari jr. basic School	Fulbari,	Fulbari
8	Mathabhanga-II	daribosh fulbari s.c.pry. School	Fulbari,	Fulbari
9	Mathabhanga-II	ksheti high school	Fulbari	Fulbari
10	Mathabhanga-II	Fulari high school.	Fulbari	Fulbari
11	Mathabhanga-II	Rangamati pry. School	Ruidanga	Ruidanga
12	Mathabhanga-II	lafabari 4th plan pry. School	Latapota	Latapota
13	Mathabhanga-II	jhauguri SC. PRY	Premerdanga	Premerdanga
14	Mathabhanga-II	Baraibari paschim mansaichar 5th plan School	A.K. Paradubi	A.K. Paradubi
15	Mathabhanga-II	kodalhoa R.R.Pry School	Nishiganj-I	Nishiganj-I
16	Mathabhanga-II	Bhojanerchhara pry.	Nishiganj-I,	Nishiganj-I
17	Mathabhanga-II	North Singijani Floodshelter. Dept.	Boro soulmari	Boro Soulmari
18	Mathabhanga-II	Putimari flood shelter	Latapota	Latapota
19	Mathabhanga-II	Block HQ. Flood shelter.	A.K. Paradubi	A.K. Paradubi
20	Tufanganj-I	Bhuchungmari Flood Shelter	Bhuchungmari	Natabari-I
21	Tufanganj-I	Bose Para Kutibari Pry. School Cum Flood Shelter	Bose Para Kutibari	Natabari-I
22	Tufanganj-I	Dhopguri G.P. School cum Flood Shelter	Dhopguri	Natabari-I
23	Tufanganj-I	Swamiji Smriti Pry.school cum Flood Shelter	Natabari-II	Natabari-II
24	Tufanganj-I	Bhelapeta Flood Shelter (Near Bhelapeta No.2 4th plan Pry. School.)	Bhelapeta	Natabari-II
25	Tufanganj-I	Jaigir Chilakhana Flood Shelter	Jaigir Chilakhana	Chilakhana-I
26	Tufanganj-I	Paschim Kuthibari 5th Plan Pry. School cum Flood Shelter	Paschim Kuthibari	Chilakhana-I

27	Tufanganj-I	Nowkhuli Katibar Pry. School cum Flood Shelter	Nowkhuli	Chilakhana-II
28	Tufanganj-I	Chhatowa A.P School cum Flood Shelter	Chhatowa	Maruganj
29	Tufanganj-I	Bhelakopa No.2 Govt. Pry. School cum Flood Shelter	Bhelakopa	Maruganj
30	Tufanganj-I	Maruganj J.B. School Cum Flood Shelter,Maradanga	Maradanga	Maruganj
31	Tufanganj-I	Nakkatigachh Jr. Basic School cum Flood Shelter(Dhadial)	Dhadial	Nakkatigachh
32	Tufanganj-I	Debagram No.1 A.P. School cum Flood Shelter	Debagram	Nakkatigachh
33	Tufanganj-I	Chamta No.1 A.P. School cum Flood Shelter	Chamta	Nakkatigachh
34	Tufanganj-I	Deocharai J.B. cum Flood Shelter	Deocharai	Deocharai
35	Tufanganj-I	Chowkushi Balarampur Flood Shelter	Chowkushi Balarampur	Deocharai
36	Tufanganj-I	Baxirkuthi Bapuji 4th Plan Pry. School Cum Flood shelter	Baxirkuthi	Deocharai
37	Tufanganj-I	Kaliganj A.P School Cum Flood Shelter	Kaliganj	Deocharai
38	Tufanganj-I	Uttar Deocharai Karjee Para 5th plan Pry. School Cum Flood Shelter	Uttar Deocharai Karjee Para	Deocharai
39	Tufanganj-I	Char Jhaoukuthi 5th Plan Pry. School Cum Flood Shelter	Char Jhowkuthi	Balabhut
40	Tufanganj-I	Rajarkuthi Flood Shelter Near Rajar Kuthi A.P. school	Rajarkuthi	Balabhut
41	Tufanganj-I	Balabhut flood Shelter	Balabhut	Balabhut
42	Tufanganj-I	Dakshin Balabhut 4th Plan Pry. School Cum Flood shelter	Dakshin Balabhut	Balabhut
43	Tufanganj-I	Char Balabhut 4th Plan Pry. School cum flood shelter	Char Balabhut	Balabhut
44	Tufanganj-I	Char Balabhut MSK Cum flood Shelter	Char Balabhut	Balabhut
45	Tufanganj-I	Sholadanga C.S.Pry. School cum Flood Shelter	Sholadanga	Balarampur-I
46	Tufanganj-I	shouldhukri 5th Plan Pry. School Cum flood Shelter	Shouldhukri	Balarampur-II
47	Sitai	Kajlikura High School	Vill-Kajlikura	Adabari
48	Sitai	Shilduar Jr. Basic school	Vill-Shilduar	Adabari



49	Sitai	Dauwabari 4 <sup>th</sup> Plan Pry. School	Vill- Dauwabari	Adabari
50	Sitai	Sagardighi jr. High School	Vill- Sagardighi	Br.Chatra
51	Sitai	Natunbosh C.S. Pry. School	Vill- Natunbosh	Br.Chatra
52	Sitai	Sagardighi Nadir Char 5 <sup>th</sup> Plan	Vill- Sagardighi	Br.Chatra
53	Sitai	Tamaguri Jr. Basic School	Vill- Tamaguri	Br.Chatra
54	Sitai	Singimari No-II Flood Shelter	Vill- Singimari	Br.Chatra
55	Sitai	Chamta Adarsha High School	Vill- Atharojani	Chamta
56	Sitai	Barthar Govt. Pry. School	Vill- Bharthar	Chamta
57	Sitai	Atharojani 4 <sup>th</sup> Plan Pry. School	Vill- Atharojani	Chamta
58	Dinhata-II	Khutamara Pry. School cum flood Shelter	Khutamara	Burirhat-I.G.P
59	Dinhata-II	Nirob Ch. Pry. School Cum flood shelter	Burirhat-II	Burirhat- II G.P
60	Dinhata-II	Nazirhat Harkumari J.B. School cum flood shelter (Not in Useble condition)	Nazirhat	Nazirhat- I.G.P
61	Dinhata-II	Salmara Flood Shelter (Not in useable condition)	Salmara	Nazirhat-II G.P
62	Dinhata-II	Notafela flood shelter	Notefela	Nazirhat-II G.P
63	Dinhata-II	Mansab seoraguri pry. School cum flood shelter	Seoraguri	Nazirhat-II G.P
64	Dinhata-II	Langulia Pry. School cum flood shelter	Langulia	Barasakdal G.P
65	Dinhata-II	Garvadanga Pry. School cum flood shelter	Garvadanag	Sahebganj G.P
66	Dinhata-II	Pathorson R.K. Pry. School cum flood shelter	Pathorson	Bamanhat- I G.P
67	Dinhata-II	Kalmati 5 <sup>th</sup> plan pry. School cum flood Shelter	Kalmati	Bamanhet-II G.P
68	Dinhata-II	Chandrakuthi Pry. School cum flood shelter	Chandrakuthi	Chowghurihat G.P
69	Dinhata-II	Seoti Part-1 Pry. School cum flood Shelter	Seoti	Sukakurkuthi G.P
70	Dinhata-II	Rasamanta 5 <sup>th</sup> Plan pry school cum flood Shelter	Rasamanta	G/ Nayarhat G.P

71	Dinhata-II	Vitarkuthi Pry. School cum flood shelter	Vitakuthi	G/ Nayarhat G.P
72	Dinhata-II	Pachim kisamat dasgram Pry. School cum flood shelter	Pashchim Kismat	K/ Dasgram
73	Dinhata-II	Kuchni Pry. School cum flood shelter	Kuchni	Barasakdal G.P
74	Dinhata-I	Singimari Flood Shelter	Vill+Po-Singimari Madnakura	Barosoulmari
75	Dinhata-I	Jamadarerbosh Flood Shelter	Vill+po-Jamadarerbosh	Petla
76	Dinhata-I	Rajakhora F.S	Vill+P.O-Rajakhora	Petla
77	Dinhata-I	Alokjhari F.S	Vill-Alokjhari	Petla
78	Dinhata-I	Kamtapur F.S	Vill-Kamtapur	Gosanimari-II
79	Dinhata-I	Kalisa Gosanimari F.S	Vill-Khalisa gosanimari	Gosanimari-II
80	Dinhata-I	Bhoram Payesthi F.S	Bhoram Payesthi	Gitaldaha-II
81	Dinhata-I	Bhoram F.S	Vill-Bhoram	Gitaldaha-II
82	Dinhata-I	Bharbandha F.S	Vill-Bharbandha	Gitaldaha-II
83	Dinhata-I	Gitaldaha F.S	Vill+P.O-Gitaldaha	Gitaldaha-II
84	Dinhata-I	Kh.Gitaldaha F.s	Vill-Kh.Gitaldaha	Gitaldaha-II
85	Dinhata-I	Panchadhaji F.S	Vill-Panchadhaji	Okrabari
86	Dinhata-I	Gosanimari F.S	Vill+P.O-Gosanimari	Gosanimari-I
87	Coochbehar - I	Chhoto Atherokota A.P. School	Chhoto Atherokota	Moamari G.P.
88	Coochbehar - I	Dewanbosh Spl. Cdr. Pry. School	Dewanbosh	Falimari G.P.
89	Coochbehar - I	Kathalbari 4th Plan Pry. School	Kathalbari	Chandamari G.P.
90	Coochbehar - I	Putimari Fuleswari A.P. School	Putimari Fuleswari	Putimari Fuleswari G.P.
91	Coochbehar - I	Baro Salbari Jr. Basic School	Baro Salbari	Putimari Fuleswari G.P.
92	Coochbehar - I	Haradeb Chhederjhar 5th Plan Pry. School	Haradeb Chhederjhar	Putimari Fuleswari G.P.

93	Coochbehar - I	Purba Haribhanga 4th Plan Primary School Flood Shelter	Haribhanga.	Haribhanga G.P.
94	Coochbehar - I	Choto Shimulguri 1st phasse Primary School Flood Shelter	Shimulguri	Haribhanga G.P.
95	Coochbehar - I	Karishal Ekramia High Madrasah	Kalabarighat	Suktabari G.P.
96	Coochbehar - I	Chhat Dutherkuthi Govt. Primary School, Vill - Chhat Dutherkuthi, P.O. - Rashidanga - II	Chhat Dutherkuthi	Suktabari G.P.
97	Coochbehar - I	Suktabari State High Madrasah, Vill & P.O. - Dudherkuthi Dewanbosh	Dudherkuthi Dewanbosh	Suktabari G.P.
98	Coochbehar - I	Bharalitary Pry. School	Ghughumari	Ghughumari G.P.
99	Coochbehar - I	Lankabar Flood Shelter, Debendranath Primary School, Vill - Lankabar (Saheb Colony) & P.O. - Nilkuthi Baburhat.	Lankabar	Guriahati - I G.P.
100	Coochbehar - I	Gudam Maharigananj Govt. Pry. School	Gudam Maharigananj	Guriahati - II G.P.
101	Coochbehar - I	Daluadasgir A.P. School	Daluadasgir	Dawaguri G.P.
102	Coochbehar - I	East Falimari G.P. School	East Falimari	Dawaguri G.P.
103	Coochbehar - I	Panisala Flood Shelter	Bhajanpur	Panisala G.P.
104	Coochbehar - I	Panisala Jr.Basic School	Purba Panisala	Panisala G.P.
105	Coochbehar - I	Panisala R.R. School Flood Shelter Vill & P.O. - Panishala	Panisala	Panisala G.P.
106	Coochbehar - I	Chatrachekadara Flood Shelter [Chatrachekadara Govt. Primary School]	Chatrachekadara	Jiranpur G.P.
107	Coochbehar - II	Alokapuri 5th plan Primary school	Madhupur	Madhupur
108	Coochbehar - II	Kalpani Rajmohan Primary School	Madhupur	Madhupur
109	Coochbehar - II	Jogna narayner kuthi jr. Basic school	Madhupur	Madhupur
110	Coochbehar - II	Chandanchowra A.P. School	Madhupur	Madhupur
111	Coochbehar - II	Sajerpar Kathalbari 1st Plan Pry. School	Madhupur	Madhupur
112	Coochbehar - II	Ghoramara 5th plan primary school	Pundibari	Pundibari
113	Coochbehar - II	Bahanno Ghar 5th plan primary School	Pundibari	Pundibari

114	Coochbehar - II	Adarsha Siksha Noketan Primary School	Pundibari	Pundibari
115	Coochbehar - II	Chhat singimari Spl. Cadre Primary School	Patlakhawa	Patlakhawa
116	Coochbehar - II	Patlakhawa Jr. Basic School	Patlakhawa	Patlakhawa
117	Coochbehar - II	Singimari Pachunirpar C.S. Pry.School	Patlakhawa	Patlakhawa
118	Coochbehar - II	Putimari Boxirbash 5th Plan Pry.School	Patlakhawa	Patlakhawa
119	Coochbehar - II	Karishal 5th Plan Prathamik Vidyalaya	T-Rajarhat	T-Rajarhat
120	Coochbehar - II	Deshbandhu Prathamik Vidyalaya	T-Rajarhat	T-Rajarhat
121	Coochbehar - II	Takagachh Govt. Pry. School	T-Rajarhat	T-Rajarhat
122	Coochbehar - II	Ambari jr. Basic School	Ambari	Ambari
123	Coochbehar - II	Ambari Gadadhar Pry. School	Ambari	Ambari
124	Coochbehar - II	Baragari A.P. School	Baneswar	Baneswar
125	Coochbehar - II	Ichhamari No.2 A.P. School	Baneswar	Baneswar
126	Coochbehar - II	Kholta Primary School	M/Kholta	M/Kholta
127	Coochbehar - II	Marichbari 3 No. Jr. Basic School	M/Kholta	M/Kholta
128	Coochbehar - II	Chowdanga A.P. School	Khapaidanga	Khapaidanga
129	Coochbehar - II	Gouranga Asram No. 2 S.C Primary School	Dhangdhing Guri	Dhangdhing Guri
130	Coochbehar - II	Maltiguri 5 <sup>th</sup> Plan Pariamy School	Takagachh	T-Rajarhat
131	Mekhliganj Municipality,	Kalipara Flood Shelter	Kalipara, Ward No.06	Mekhliganj Municipality
132	Mekhliganj Municipality,	Singha Para AP Pry School	Singpara, Ward No.02	Mekhliganj Municipality
133	Mekhliganj Municipality,	Netaji Subhash Mahavidyalaya	Ward No.10, Halidari	Haldibari Municipality
134	Mekhliganj Municipality,	Haldibari Girls High School	Ward No.07, Haldibari	Haldibari Municipality
135	Mekhliganj Municipality,	Haldibari High School	Ward No.06, Haldibari	Haldibari Municipality
136	Haldibari Block	Kamatbindi Govt. Pry. School	Kamatbindi, Jharsinggeswar	Per Mekliganj
137	Haldibari Block	Daripattani A.P. School	Daripattani	Per Mekliganj
138	Haldibari Block	Naltipara Govt. Pry. School	Naltipara, Bhujalipara	Per Mekliganj
139	Haldibari Block	Per Mekliganj (SC) Pry. School	Sakariyapara	Per Mekliganj

140	Haldibari Block	Bajejama A.P. School	Bajejama, Beltoli	Per Mekhliganj
141	Haldibari Block	Boxiganj-Bibiganj Jr. Basic School	Boxiganj- Bibiganj, Bholarhat	Boxiganj
142	Haldibari Block	Boalmari G.P. School	Boalmari, Kismat	Boxiganj
143	Haldibari Block	Boxiganj Payesti A.P. School	Bholarhat	Boxiganj
144	Haldibari Block	Kamala Kanta High School	Anguldekha More	Boxiganj
145	Haldibari Block	Basarajbala 5th Plan A.P. School	Basarajbala	Boxiganj
146	Haldibari Block	Bibiganj Jr. Basic Pry. School	Bibiganj	Boxiganj
147	Mekhliganj Block	Chat Dhulia Baldiahati AP School	Chat Dhulia Baldiahati	Ranirhat
148	Mekhliganj Block	175 Dhulia Khalisa 5th Plan Pry. School	175 Dhulia Khalisa I	Uchalpukhuri
149	Mekhliganj Block	Kasemerhat Pry. School	Kasemerhat	Uchalpukhuri
150	Mekhliganj Block	Niztaraf flood Shelter	Adjacent to Niztaraf GP office	Niztaraf
151	Mekhliganj Block	125 Kharkharia 5th Plan Pry. School	125 Kharkharia	Niztaraf
152	Mekhliganj Block	Andaran Kuchlibari Flood Shelter	119 Andaran Kuchlibari	Kuchlibari
153	Mekhliganj Block	Upenchowki Flood Shelter	112 Upenchowki	Kuchlibari
154	Mekhliganj Block	25-Teesta Payesti Upper Pry. School	25-Teesta Payesti	Kuchlibari
155	Mekhliganj Block	Harakanta Pry. School	Kuchlibari	Kuchlibari
156	Tufanganj-II	BOXIRHAT HIGH SCHOOL	BOXIRHAT	BHANUKUMARI -I
157	Tufanganj-II	FALIMARI G.P.SCHOOL	FALIMARI	FALIMARI
158	Tufanganj-II	RAMPUR GIRLS HIGH SCHOOL	RAMPUR	RAMPUR-II
159	Tufanganj-II	NEZIRAN DEOTIKHATA PRIMARY SCHOOL	NEZIRAN DEOTIKHATA	RAMPUR-I
160	Tufanganj-II	DAKSHIN RAMPUR NO. 2 5TH PLAN PRIMARY SCHOOL (DAKSHIN RAMPUR)	RAMPUR	RAMPUR-II

161	Tufanganj-II	JALDHOA NO. 2 SC PRIMARY SCHOOL	JALDHOA	RAMPUR-II
162	Tufanganj-II	FALIMARI A.P. SCHOOL	FALIMARI	FALIMARI
163	Tufanganj-II	FERSABARI NETAJI VIDYAPITH	FERSABARI	MAHISHKUCHI-I
164	Tufanganj-II	TOKOAMARI GOVT. PRIMARY SCHOOL	TAKOAMARI	MAHISHKUCHI-II
165	Tufanganj-II	HARIPUR RABINDRA VIDYAPITH	HARIPUR	BAROKODALI-I
166	Tufanganj-II	BEGARKHATA A.P. SCHOOL	BEGARKHATA	BAROKODALI-II
167	Tufanganj-II	BANSHRAJA PART II KUTHIBARI PRIMARY SCHOOL	BANSHRAJA	SALBARI-I
168	Tufanganj-II	BAZRAPUR SPL. CADRE PRIMARY SCHOOL	BAZRAPUR	SALBARI-II
169	Tufanganj-II	BOROWKUTHI PRIMARY SCHOOL	BOROWKUTHI	BHANUKUMARI-I
170	Tufanganj-II	DHALDABRI NO. 2 PRIMARY SCHOOL	DHALDABRI	BHANUKUMARI-II
171	Tufanganj-II	FALIMARI HIGH SCHOOL	FALIMARI	FALIMARI
172	Sitalkuchi	BHAWAIRTHANA G.P. SCHOOL	Bhawairthana	Bhawairthana
173	Sitalkuchi	BHOGDABRI A.P. SCHOOL	Bhawairthana	Bhawairthana
174	Sitalkuchi	Purbo Bhogdabri Char 5th Plane Pry. School/ Bhawairthana GP	Bhawairthana	Bhairthana
175	Sitalkuchi	CHHOTOSALBARI CHAR 5TH PLAN PRI SCHOOL	Chhoto Salbari	Chhoto Salbari
176	Sitalkuchi	SARBESWAR JOYDUAR NO.1 PRI SCHOOL	Chhoto Salbari	Chhoto Salbari
177	Sitalkuchi	KURSHAMARI PART II 5TH PLAN PRI SCHOOL	Chhoto Salbari	Chhoto Salbari
178	Sitalkuchi	MAHISHMURI S.P. PRI SCHOOL	Khalisamari	Khalisamari
179	Sitalkuchi	SALBARI B.O.P FLOOD SHELTER	Khalisamari	Khalisamari
180	Sitalkuchi	JATAMARI SC PRI SCHOOL	Khalisamari	Khalisamari
181	Sitalkuchi	RUPKANTA SHISHU SHIKSHANIKETAN	Khalisamari	Khalisamari
182	Sitalkuchi	RANGAMATI A.P. PRI SCHOOL	Bara Kaimari	Bara Kaimari

**APPENDIX IV:- LIST OF RELIEF GODOWNS**

Sl. No	Name of the Block/ Sub-Division	Address
1	Cooch Behar-I Block	BDO Office, Cooch Behar-I Block
2	Cooch Behar-II Block	BDO Office, Cooch Behar-II Block
3	Tufanganj-I Block	BDO Office, Tufanganj-I Block
4	Tufanganj-II Block	BDO Office, Tufanganj-II Block
5.	Dinhata-I Block	BDO Office, Dinhata-I Block
6.	Dinhata-II Block	BDO Office, Dinhata-II Block
7.	Sitai Block	BDO Office, Sitai Block
8.	Mathabhanga-I Block	BDO Office, Mathabhanga-I Block
9.	Mathabhanga-II Block	BDO Office, Mathabhanga-II Block
10.	Sitalkuchi Block	BDO Office, Sitalkuchi Block
11.	Haldibari Block	BDO Office, Haldibari Block
12	Mekhliganj Block	BDO Office, Mekhliganj
13	Sadar Sub-Division	SDO Office, Cooch Behar Sadar Sub-Division
14.	Tufanganj Sub-Division	SDO Office, Tufanganj Sub-Division
15	Dinhata Sub-Division	SDO Office, Dinhata Sub Division
16.	Mathabhanga Sub-Division	SDO Office, Mathabhanga Sub-Division
17	Mekhliganj Sub-Division	SDO Office, Mekhliganj Sub-Division.
18.	District HQ	District Head Quarter

