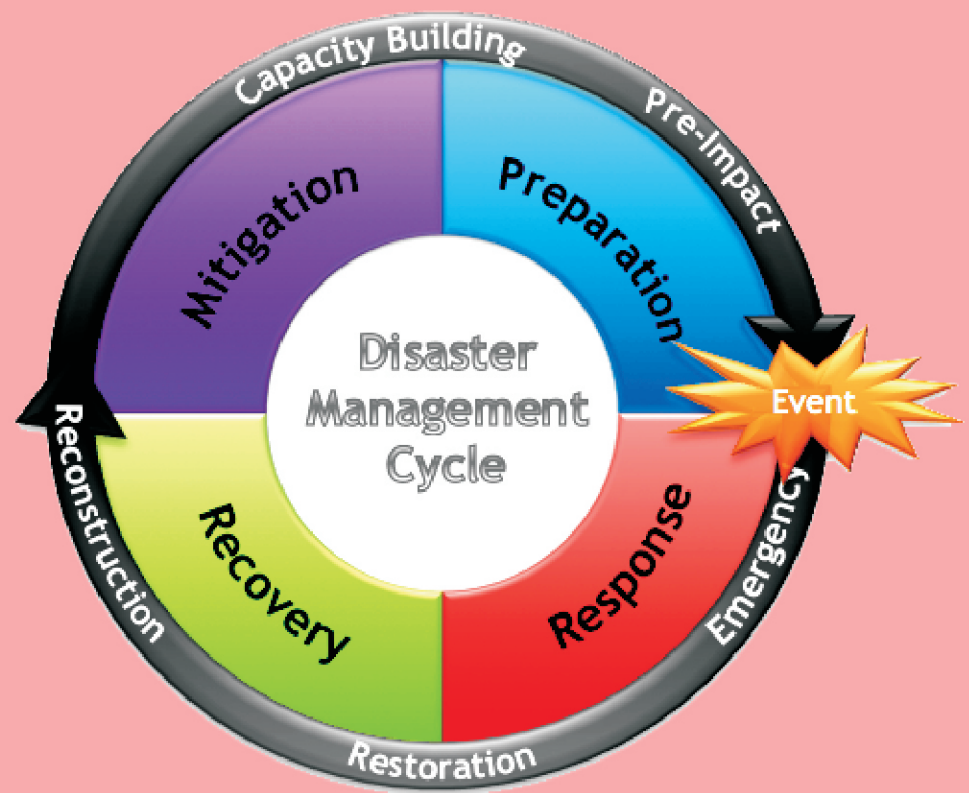




DISTRICT DISASTER MANAGEMENT PLAN 2018



**DISASTER MANAGEMENT SECTION
OFFICE OF THE DISTRICT MAGISTRATE
JALPAIGURI**

FOREWORD

Many types of disaster occur in different times. It is pertinent to know the meaning of disaster before going deep into it. The term disaster is derived from the French word "disastre" meaning a bad evil star. To us Disaster stands for a Catastrophe, Calamity, Tragedy, ruin, adversity etc. It can also be defined as a crisis situation causing widespread damage which far exceeds our ability to recover, it suffocates our ability to react and very often the community undergoes a severe damage and incurs huge losses. In the District of Jalpaiguri such disaster is mainly caused by Flood, Cyclone, Thunderstorm and Earthquakes.

The district, with an area of 3386.18 Sq.Km. is situated in the foothills of the Himalayas and falls under seismic zone IV is prone to Disaster like Flood and Earthquake.

The District Disaster Management Plan has been prepared after successful conduct of Flood Co-ordination meeting with all stakeholders to meet any exigencies in the event of any such disaster and also to evolve ways and means of minimizing the damages due to such disasters, by coordinating and ensuring timely intervention by different departments. The plan also tries to establish policies and procedures for assuring maximum and optimum utilization of the resources of the District with a view to minimize the loss of life and property and injury to the people.

I do hope that the District Disaster Management Plan will help all the stakeholders in mitigating any eventualities of disaster.


**District Magistrate
Jalpaiguri.**

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District Profile

Geographical area	
Geographical area (Sq. Kms)	3386.18
Annual rainfall	2829.23 mm (1 st May to 17 th October 2017)
Temperature	33.6° cel (max) 11.1° cel (min)
Geographical Location	26°15'47" & 26°59'34" N Latitude 88°23'2" & 89°7'30" E Longitude
Administrative Set up	
District Head Quarter	Jalpaiguri
Sub-Division	2
Blocks	7
Panchayat Samities	7
Gram Panchayat	80
Gram Sansad	1177
Mouza	418
Inhabited villages	404
Forest Village	29
Tea Gardens	120
Municipal Corporation	01 (14 wards from ward no 31 to ward no 44 of Siliguri Municipal corporation fall Within Jalpaiguri District).
Municipality	3
Police Station	9
Population	
Male	1217532
Female	1164064
Total	2381596 (as per Census 2011)
Population Density /sq.km	701
Sex Ratio	956.085

Chapter 01

1. 1 Demographic Details:

Sl. No	Name of the Block	Total Number of HH	Population			Category		
			Adult	Children <6 yrs	Total	SC	ST	GEN
1	Rajganj	82038	325738	48038	373776	185246	15386	173144
2	Sadar	73981	284453	38992	323445	196592	19592	107261
3	Maynaguri	76492	362020	52834	414854	190816	87273	136765
4	Dhupguri	91329	287399	41633	329032	234287	4328	90417
5	Mal	64310	260531	39025	299556	80400	103356	115800
6	Matiali	25251	103413	14127	117540	17622	51789	48129
7	Nagrakata	27274	110406	16991	127397	17626	62624	47147
Total		440675	1733960	251640	1985600	922589	344348	718663

1.2 Population

Name of the District	Population		TOTAL	Density/ Sq. KM	Sex ratio
	M	F			
Jalpaiguri	1217532	1164064	2381596	701	956.085

1.3 Type of Workers

Name of the District	Cultivator	Agriculture	House Hold Industry	Marginal Farmer	Small Farmer	Others	Non Worker	Total Worker
Jalpaiguri	113290	141257	37500	121680	27482	68800	987306	510009

1.4 Literacy of Jalpaiguri district:

Sl.No	Name of the Block	P_LIT	M_LIT	F_LIT	P_ILL	M_ILL	F_ILL
1	Rajganj	234799	132348	102451	138977	60837	78140
2	Sadar	209966	117661	92305	113479	48375	65104
3	Maynaguri	251875	142427	109448	162979	68144	94835
4	Dhupguri	217359	121785	95574	111673	48245	63428
5	Mal	172753	97994	74759	126803	53832	72971
6	Matiali	69264	40649	28615	48276	19460	28816
7	Nagrakata	67646	39138	28508	59751	24995	34756
Total		1733960	251640	1985600	922589	344348	718663

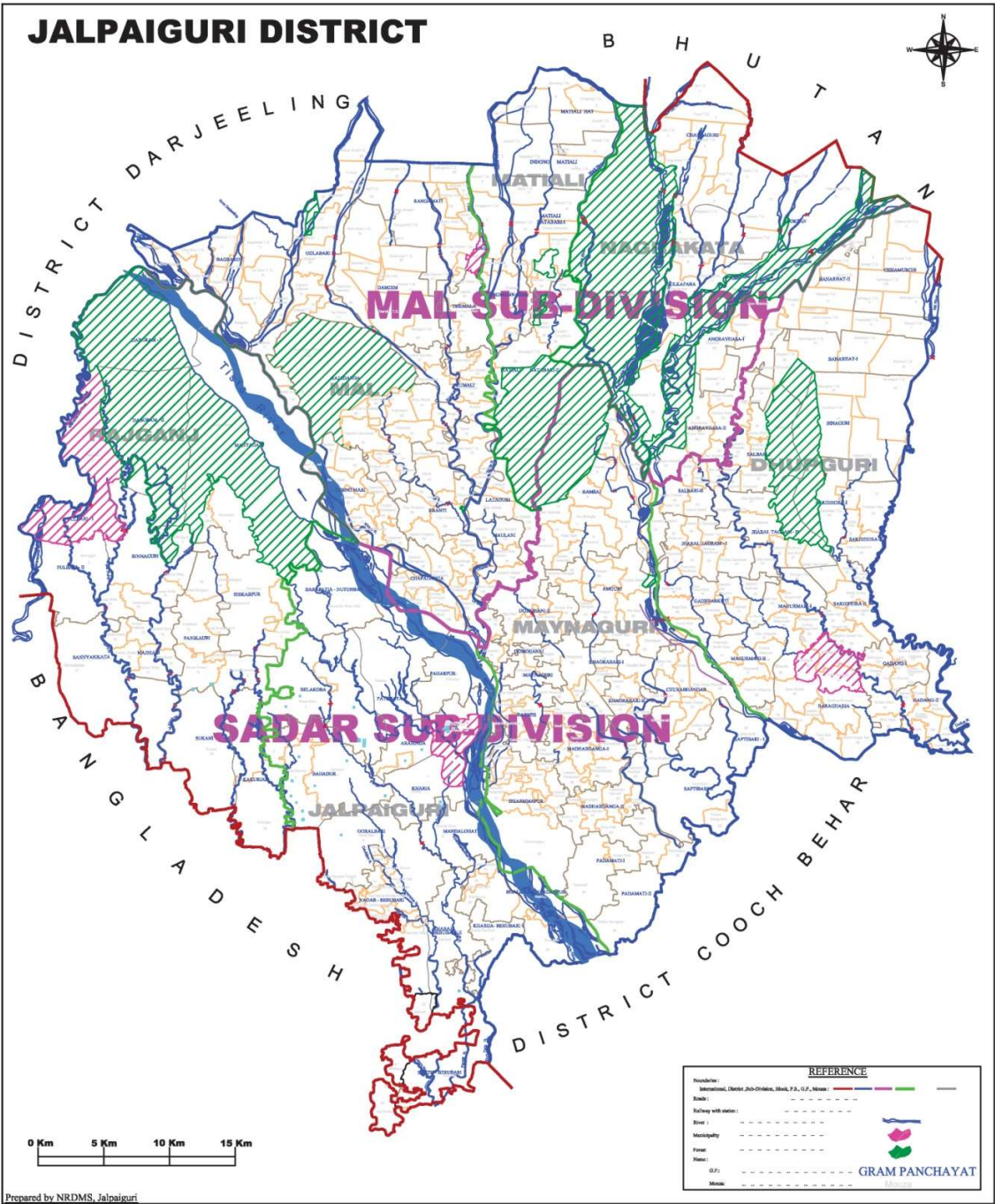
1.5 Livestock and poultry population

Name of the District	Cattle	Buffalo	Goat, Sheep & Pig	Poultry
Jalpaiguri	524734	6541	372407	1068972

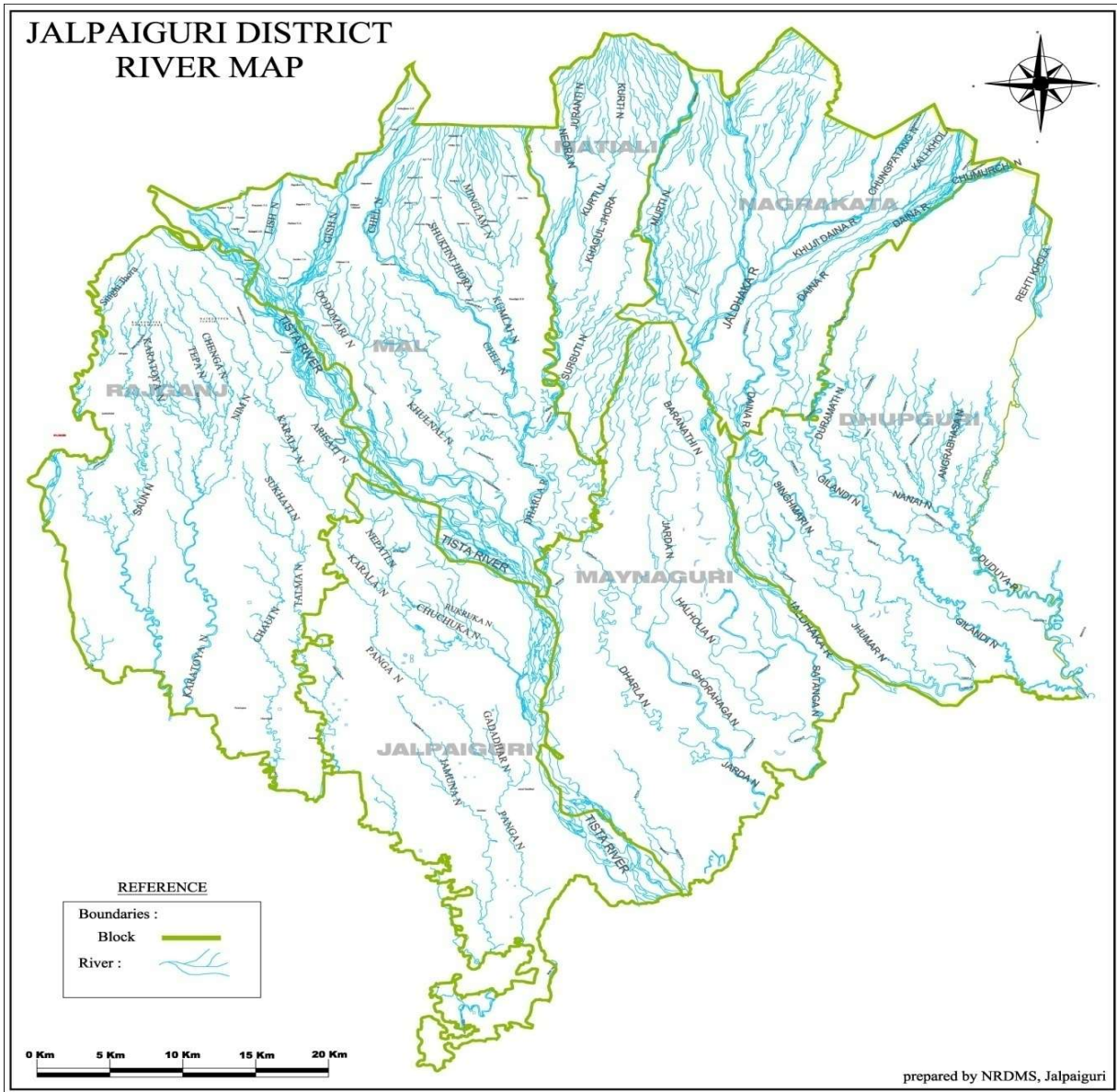
1.6 PDS & Other information

Sl.No	Name of the District	PDS Outlet	Post Office	Police Station	CHC	PHC	Cyclone Shelter	Educational Institution				Livestock Centre	Relief Godowns
								UP	ME	HIGH	COLLEGE		
	Jalpaiguri	526	07	09	04	25	20	149	-	175	14	07	09

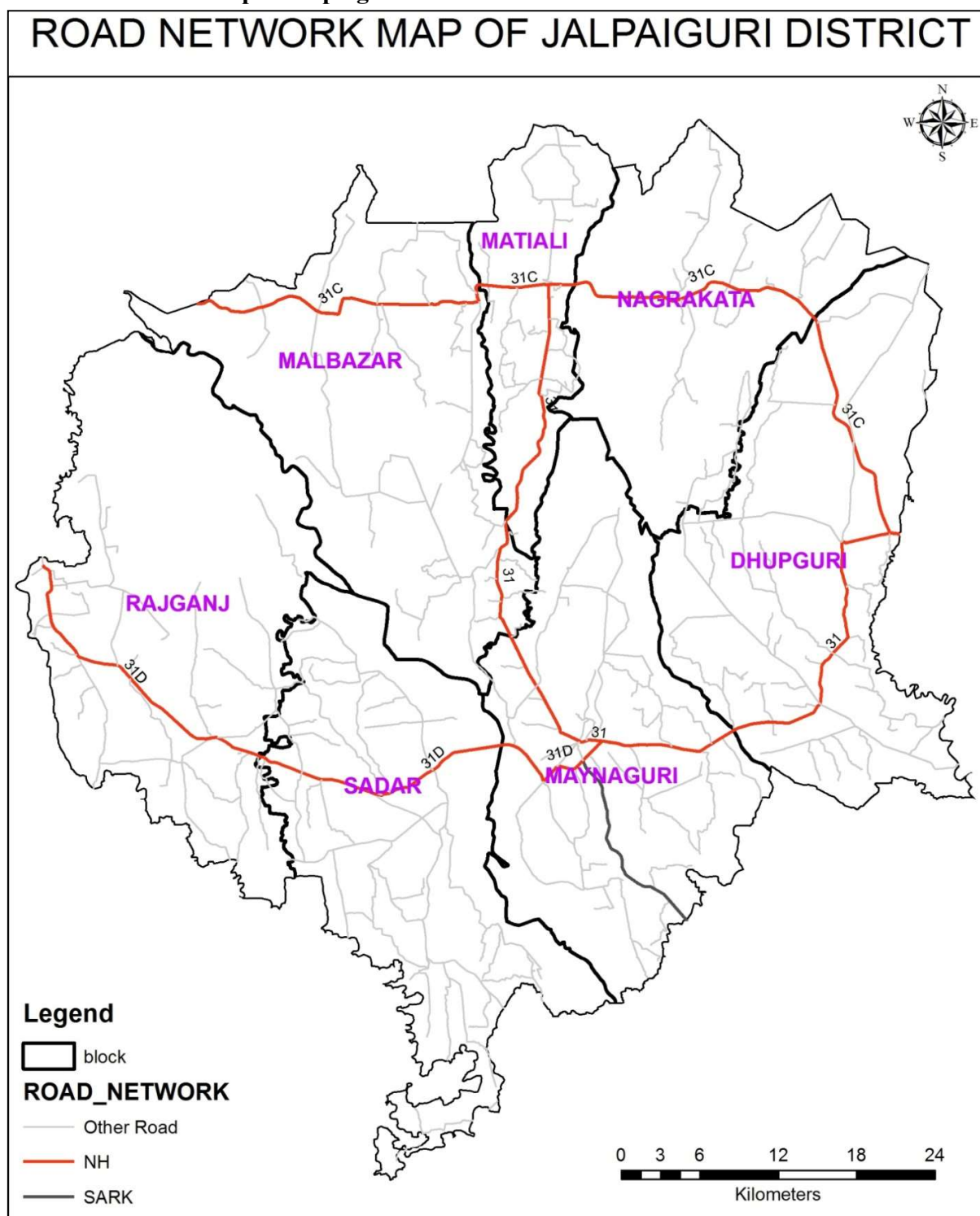
1.7 District Map



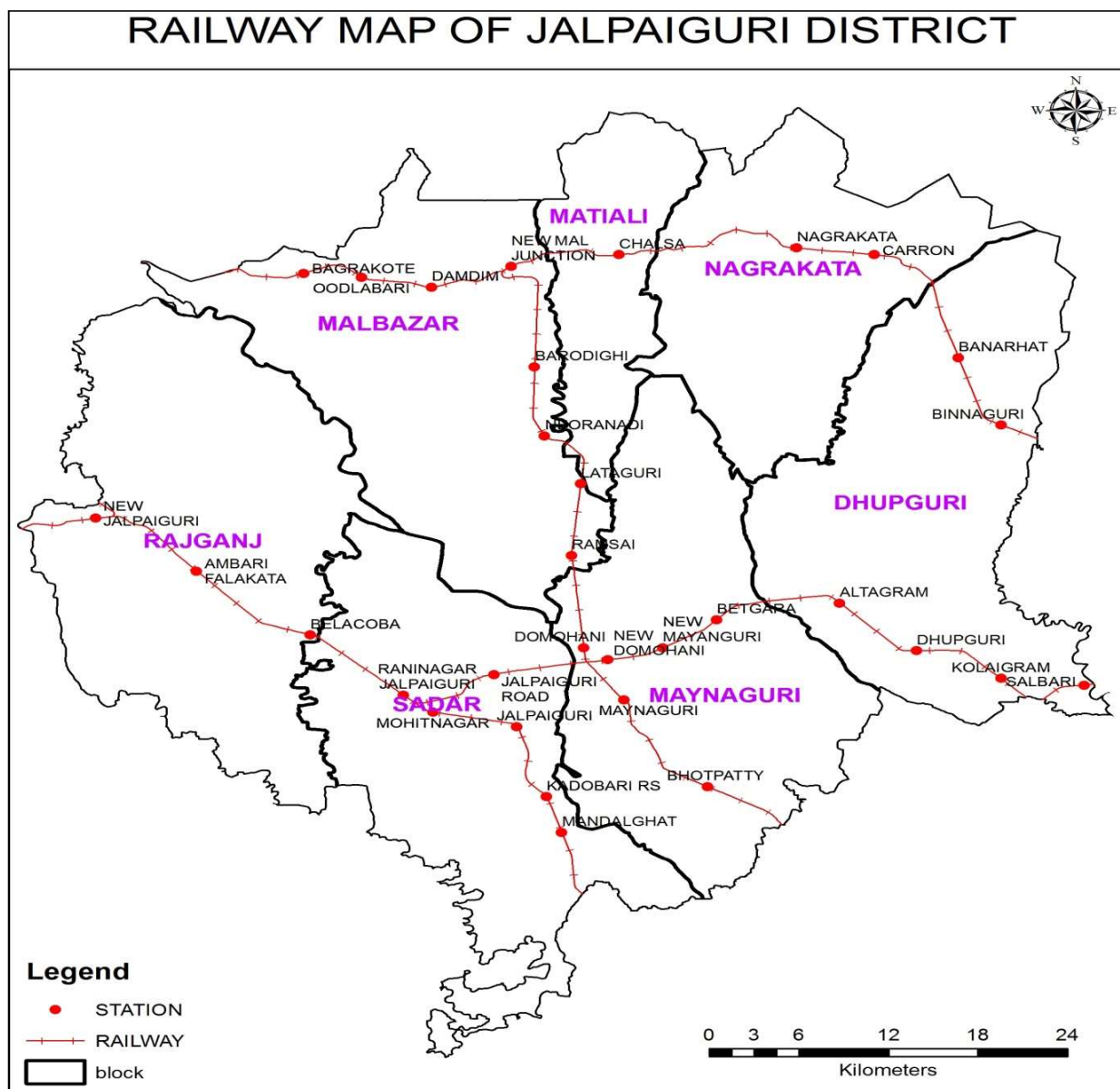
1.8 Map showing the Rivers of Jalpaiguri District which causes Flashfloods and Inundations during Monsoon Season.



1.9 Road Network Map of Jalpaiguri District



1.10 Railway Map of District



Chapter -2

2.1 District Overview

The name *Jalpaiguri* comes from the Bengali word *jalpai* meaning “olive” because of the olives which grew in the district and were seen even in the 1900s. The suffix *guri* means a place. The name can also be associated with Jalpesh (Shiva), the presiding deity of the entire region.

Jalpaiguri is a part of West Bengal which is situated in North Bengal. The district is situated in the northern part of West Bengal having international borders with Bhutan and Bangladesh in the North and South respectively and district borders with Darjeeling hills in the West and Northwest and Alipurduar and Cooch Behar district in the East. National protected areas include the Gorumara National Park and Chapramari Wildlife Sanctuary.

The agricultural area of Jalpaiguri is over 2530.63 square kilometers. The dominant agricultural products of Jalpaiguri district are jute and tobacco. Paddy rice is also grown before and after the rainy season. Common plantation crops are areca nut, coconut and black pepper. Vegetables, mustard plant and potato cultivation are increasing. In order to support agriculture, special programs have been taken for the production of sunflowers, maize and ground nuts. Revolutionary methods are being used in Boro paddy and potato cultivation. Tea Industry / Cultivation also place an important role in the economy of the district.

Sub- divisions

Jalpaiguri district has two sub-divisions- Jalpaiguri Sadar and Mal.

Transport

Jalpaiguri is well connected by rail, road and air from any parts of the country. One can avail train up to Jalpaiguri, Jalpaiguri Road or New Jalpaiguri station. By road, it is well connected with the rest of the country. Air travel is available up to Bagdogra Airport, from where it is well connected by road.

Languages

Languages include Bengali, Hindi, Nepali/Gorkha, Bijori- a Munda language distantly related to Khmer and Vietnam, spoken by about 25,000 people. A vast area on the western part (Salugara)

of Jalpaiguri district is habituated by Nepali/Gorkha speaking people. More numbers of Nepali speaking people are also scattered in the whole of Jalpaiguri district.

Flora and fauna

The forests cover 179000 hectares of land which is 27.8% of the total geographical areas, are home to a fascinating variety of flora and fauna. The vegetation is mostly deciduous semi-evergreen with Sal as the dominant species. The timber produced in these forests is very valuable and is used for building furniture, doors, windows and other wooden fixtures. Social forestry is also becoming popular now-a-days with trees like Eucalyptus, Simul, Krishnachura etc. being widely cultivated.

The forested hilly ranges have also given birth to several major wild life reserves namely Gorumara, Chapramari. Gorumara National Park was established in 1994 and has an area of 79 km² (30.5 sq. mi.). The reserves serve as popular tourist resorts. The rich bio- diversity in the sanctuaries of Chapramari is a striking treat for the eyes. These ecologically fragile zones should be preserved and protected from environmental degradation.

Minor forest produce like bamboo, cane, honey, wax etc. are found in the forest areas. Bamboo and cane furniture is manufactured both in the rural and urban areas. Timber and fuel are the major forest produce.

Chapter- 3

3.1 What is the need for Disaster Risk Reduction?

Disaster Risk Reduction (DRR) is a systematic approach to identifying, assessing and reducing the risks of disaster. It aims to reduce socio-economic vulnerabilities to disaster as well as dealing with the environmental and other hazards that trigger them to give strength to development. The most commonly cited definition of DRR is: "The conceptual framework of elements considered with the possibilities to minimize vulnerabilities and disaster risks throughout a society, to avoid (prevention) or to limit (mitigation and preparedness) the adverse impacts of hazards, within the broad context of sustainable development."

3.2 Objective

- ❖ To assess the risks and vulnerabilities associated with various disasters.
- ❖ To develop appropriate disaster prevention and mitigation strategies.
- ❖ To provide clarity on roles and responsibilities for all stakeholders concerned with disaster management so that disasters can be managed more effectively.
- ❖ To develop and maintain arrangements for accessing resources, equipment, Supplies and funding in preparation for disasters that might occur.
- ❖ To ensure that arrangements are in place to mobilize the resources and Capability for relief, rehabilitation, reconstruction and recovery from disasters.
- ❖ To create awareness and preparedness and provide advice and training to the agencies involved in disaster management and to the community.
- ❖ To strengthen the capacities of the community and establish and maintain effective systems for responding to disasters.
- ❖ To ensure co-ordination with agencies related to disaster management in Other West Bengal District and those at the national and international level.
- ❖ To ensure relief assistance to the affected without any discrimination of caste, creed, community.
- ❖ To establish and maintain a proactive programme of risk reduction, this programme being implemented through existing sectoral development programmes and being part of the overall development process in the state.
- ❖ To develop and implement programmes for risk sharing and risk transfer for all types of disasters.
- ❖ To address gender issues in disaster management with special thrust on empowerment of women towards long term disaster mitigation.
- ❖ To develop disaster management as distinct management discipline and Creation of a systematic and streamlined disaster management cadre.

3.3 Area and Administrative Division of Jalpaiguri District

Sub Division	Block	Municipality	Police Station	Panchayat Samity	Gram Panchayat	Mouza	Area Sq. km
Sadar	Sadar	Jalpaiguri- (25 wards)	Kotwali PS	01 nos	14 nos	25 nos	589.43
	Rajganj		Rajganj PS	01 nos	12 nos	29 nos	635.75
	Maynaguri		Maynaguri PS	01 nos	16 nos	87 nos	631.01
	Dhupguri	Dhupguri- (16 Wards)	Dhupguri PS	01 nos	16 nos	108 nos	561.5
Mal	Mal	Mal- 15 wards	Mal PS	01 nos	12 nos	106 nos	545.99
	Matiali		Matiali PS	01 nos	05nos	30 nos	204.00
	Nagrakata		Nagrakata PS	01 nos	05nos	33 nos	218.5

Chapter-4

4.1 District Disaster Management Authority, Jalpaiguri:

1. District Magistrate, Jalpaiguri - Chairperson
2. Sabhadhipati, Jalpaiguri Zilla Parishad - Co- Chairperson
3. Superintendent of Police, Jalpaiguri -Member
4. Additional District Magistrate (Disaster Management) -
Member Secretary
5. Chief Medical Officer of Health, Jalpaiguri -Member
6. O.C. Disaster Management, Jalpaiguri -Member
7. District Disaster Management Officer, Jalpaiguri - Member

IMPORTANT CONTACT DETAILS

4.2 Important Telephone Numbers-State level

Name	Office	Fax
Sri Dushyant Narijala, I.A.S., Principal Secretary, Govt. of West Bengal, Department of Disaster Management	033-22144005 033-22143674	033-22143674
Sri P.K. Mondal, WBCS (Exe.), Jt. Secretary, Govt. of West Bengal, Department of Disaster Management	033-22145855	033-22145855
Sri Debasish Nandy, WBCS (Exe.), Director of Relief, West Bengal	033-22650795	033-22650795
Sri Swapan Kr. Mallick, OSD & Dy. Secretary, Govt. of West Bengal, Department of Disaster Management	033-22143526	033-22141378

4.3 Important Telephone numbers – District Level

Sl. No	Name	Designation	Address	Phone No	
				Office	Mobile
1	Smt. Shilpa Gourisaria I.A.S	District Magistrate, Jalpaiguri	Office of the District Magistrate, Jalpaiguri Collectorate	03561-230127	9434078888
2	Smt. Sumedha Pradhan, WBCS (Exe)	Additional District Magistrate (G), Jalpaiguri	Office of the District Magistrate, Jalpaiguri Collectorate	03561-230701	7797860200
3	Shri. Amitabha Maity, IPS	Superintendent of Police, Jalpaiguri	Office of Superintendent of Police, Jalpaiguri	03561-230492	9083270500
4	Sri Amlanjyoti Saha, WBCS (Exe.)	Addl. District Magistrate (Z.P.), Jalpaiguri	Jalpaiguri Zilla Parishad	03561-230952	7797862000
5	Sri Maloy Halder, WBCS (Exe.)	Addl. District Magistrate (Dev.), Jalpaiguri	Office of the District Magistrate, Jalpaiguri Collectorate	03561-231101	7797860300
6	Sri Prithwish Das WBCS (Exe)	Officer-in-charge, District Disaster Management Section, Jalpaiguri	Office of the District Magistrate, Jalpaiguri Collectorate	03561-230780	9800467499
7	Sri. Dipankar Halder	District Disaster Management Officer, Jalpaiguri	Office of the District Magistrate, Jalpaiguri Collectorate	03561-230780	9433118044 9073936732 7001068936

4.4 Important Telephone numbers – Sub-Divisional Level

Sl. No	Name	Designation	Address	Phone No	
				Office	Mobile
1	Sri Ranjan Kr. Das, WBCS (Exe.)	Sub-Divisional Officer, Sadar, Jalpaiguri	Sub-Divisional Office, Sadar, Jalpaiguri	03561-232017	7797860400/ 9434725250
2	Sri Siyad N, I.A.S.	Sub-Divisional Officer, Mal	Sub-Divisional Office, Mal, Jalpaiguri	03562-256485	9434449888
3	Tajmal Hossain	SDDMO, Sadar	Sub-Divisional Office, Sadar, Jalpaiguri	03561-232017	9073936938 8250859418
4	Sri Dipak Kr. Sarkar	SDDMO, Mal	Sub-Divisional Office, Mal, Jalpaiguri	03562-256485	9073936939

4.5 Important Telephone Numbers – Block Level

1	Block Development Officer, Sadar Block	9434066449 / 9073938104
2	Block Development Officer, Rajganj Block	7797863600 / 9073938107
3	Block Development Officer, Maynaguri Block	7797863700 / 9073938106
4	Block Development Officer, Dhupguri Block	7797863800 / 9073938105
5	Block Development Officer, Mal Block	7797864600 / 9073938108
6	Block Development Officer, Matiali Block	9002994966 / 9073938109
7	Block Development Officer, Nagrakata Block	7797864700 / 9073938110
8	Block Disaster Management Officer, Sadar Block	8436778865 / 9073938340
9	Block Disaster Management Officer, Rajganj Block	9733482579 / 9073938343
10	Block Disaster Management Officer, Maynaguri	8145530255 / 9073938342
11	Block Disaster Management Officer, Dhupguri	9475082215 / 9073938341
12	Block Disaster Management Officer, Mal Block	9474687476 / 9073938344
13	Block Disaster Management Officer In-Charge, Matiali Block	8900328300 / 9073938345
14	Block Disaster Management Officer In-Charge, Nagrakata Block	9832007329 / 9073938346

4.6 Important Telephone Numbers – Municipality Level

Sl. No	Chairman/ Executive Officer	Mobile No.	Office
1.	Chairman, Jalpaiguri Municipality	9434004857	03561-231096/230050
2.	Executive Officer, Jalpaiguri Municipality	9832421999	
3.	Chairman, Dhupguri Municipality	9635096610	03563-250046
4.	Executive Officer, Dhupguri Municipality	8902016715	
5.	Chairman, Mal Municipality	9434110303	03562-255731/255284
6.	Executive Officer, Mal Municipality	8240811473	

4.7 Telephone Numbers of the Administrative Flood Control Rooms

Sl. No.	Name of the Control Rooms	Phone Number
1.	District Flood Control Room Toll Free No.	1077
2.	District Flood Control Room	03561-230780
3.	Sub-Divisional Flood Control Room, Sadar Subdivision	03561-232017
4.	Sub-Divisional Flood Control Room, Mal Subdivision	03562-256485
5.	Flood Control Room, Sadar Block	03561-230449
6.	Flood Control Room, Rajgunj Block	03561-254229
7.	Flood Control Room, Maynaguri Block	03561-233052
8.	Flood Control Room, Dhupguri Block	03563-250024
9.	Flood Control Room, Mal Block	03562-255126
10.	Flood Control Room, Matiali Block	03562-260281
11.	Flood Control Room, Nagrakata Block	03565-272050
12.	Flood Control Room, Alipurduar	03564-257091
13.	Flood Control Room, Coochbehar	03682-227114

4.8 Important Telephone Numbers of Line Department

Sl. No.	Name of Office	Mobile No.	Office	Residence
1.	CMOH, Jalpaiguri	9434145526/9434714890	03561-232001	
2.	Project Director, NHAI, NH-31D	9434208662		
3.	Executive Engineer, North Zone, NH31C, PIU, ROB, PW(Roads) Directorate	7044664696/ 9433169488		
4.	Executive Engineer, PWD, NH-Div IX, NH31C	9434196809		
5.	Executive Engineer, PWD, NH-Div IX	9083282162		
6.	Executive Engineer, Asian Highway-02	9434013065		
7.	Executive Engineer, Asian Highway-48	9434349866		
8.	Supdt. Engg. NBCL (I &W),Jalpaiguri		03561-230596	
9.	Executive Engineer, LBD, CWC	7699945982		
10.	Executive Engineer, Teesta Barrage Divn. Gajoldoba	9475089723		
11.	Executive Engineer, PWD, Jalpaiguri	9434416646		
12.	Executive Engineer, PWD (Construction Divn.), Jalpaiguri	9434416646		
13.	Executive Engineer, PWD (Roads), Jalpaiguri	9474034977		
14.	Executive Engineer, PWD (Social Sector), Jalpaiguri	9832083665		
15.	Executive Engineer, JalpaiguriIrrigation Divn.	9434144807	03561-230249/ 230786	
16.	Executive Engineer, Siliguri Irrigation Divn.	9434512090	0353-2431842	
17.	Executive Engineer, WBSRDA, Jalpaiguri	9434155236	03561-231336	
18.	Executive Engineer, PHE, Jalpaiguri	8918805832	03561-230659	
19.	Executive Engineer, PWD Roads Highway Div, Jalpaiguri	7384998674	03561-230263	
20.	Chairman, NBFCC		03561-230264	
21.	Member (Execution),NBFCC		03561-230789	
22.	Supdt. Engineer, NBCK (I & W)		03561-230264	
23.	Supdt. Engineer, NB Const, CI-II,PWD		03561-230518	
24.	Executive Engineer, Northern Elect .Div.		03561-230258	
25.	District Engineer, ZillaParishad, Jalpaiguri		03561-230236	
26.	DM, FCI, Jalpaiguri		03561-230058	
27.	Meteorologist -in-Charge, Jalapiguri		03561-258327	
28.	Dy. Director, CDC		03561-230677	
29.	Divisional Officer Fire & E.S, Jalpaiguri	9051843588	03561-229611	
30.	District Controller, Food & Supplies, Jalpaiguri	9593319212		
31.	R.T.O, Jalpaiguri	9832064534	03561-230603	
32.	District Information & Cultural Officer, Jalpaiguri	9433238721	03561-230277	
33.	Regional Manager, WBSEDCL, Jalpaiguri	7449301300	03561- 257840	

Sl. No.	Name of Office	Mobile No.	Office	Residence
34.	Divisional Manager, WBSEDCL Jalpaiguri	7449301354		
35.	Divisional Manager, WBSEDCL Mal	7449301320	03562- 255525	
36.	Deputy Director Agriculture (Admin), Jalpaiguri	7604010025/ 9732968094	03561-230394	
37.	Chief Terminal Manager, IOC, NJP	7417248437	0353-2571511 /2571593	
38.	Dy. Director, ARD, Jalpaiguri	973296807	03561-230872	
39.	Control Room, Metrological Office		03561-258327	
40.	Control Room, Teesta Barrage	9002005714		
41.	Control Room, Irrigation		03561- 230153	
42.	Major Amit, 306, Field Regiment	8167581009/ 8872216999		
43.	Control Room, BSF, Raninagar	03561-250554		
44.	Control Room, SSB, HQ, Jalpaiguri	9434075864	03561-276702 / 276703	
45.	Control Room, 46 th BN, SSB Malbazar	9775442746	03562-257459	
46.	Control Room, 2 nd BN, NDRF	9474116775 9474061104	033-25875032 Fax	
47.	Control Room, 10 th BN-SAP, SDRF	0353-2568379/9073675514 (fax-0353-2568679)		
48.	DIGAP, SAP-HQ, Barrackpore, SDRF	03325920630 (Fax)		
49.	North Bengal DIGP (AP), SAP, 10 th BN, SDRF	0353-2568625 (Fax)		
50.	T.Bhutia, Inspector, SAP, 10 th BN, SDRF	9083269458 / 8617858280		
51.	CWC, Control Room		03561- 227224 /220770	
52.	Assistant Director of Fisheries	9433516503		
53.	Telecom District Manager	9434743333		
54.	General Manager, DIC	9830273795		
55.	District Horticulture Officer, Jalpaiguri	9933689467		
56.	Development Officer, Handloom, Alipurduar	9331932318		
57.	D.I. of Schools (Primary)	9531857259		
58.	D.I. of Schools (Secondary)	8609461646/ 7001965673		
59.	ZillaParishad Office, Jalpaiguri		03561-230603	
60.	Jalpaiguri Municipality		03561-231096	
61.	Dhupguri Municipality		03563-250046	
62.	Mal Municipality		03562- 255731/255284	
63.	Siliguri Municipal Corporation		0353-2435282	
64.	IOC, NJP, Supply		0353-2691023	
65.	Area Manager NF Railway, NJP	9002041900	03532566789	
66.	Jalpaiguri Town Station		03561-230049	
67.	Jalpaiguri Road Station		03561-256506	
68.	Jalpaiguri NBSTC Bus Depot		03561-255699	
69.	Secretary, Indian Red Cross Society		03561-230951	
70.	DVO, Jalpaiguri		03561-230758	
71.	Jalpaiguri Welfare Organization		03561-230304	

Chapter – 5

5.1 Rainfall of Jalpaiguri District

Year	Name of the Station	Highest Rainfall (m.m)	Date of Highest Rainfall	Total during the year (m.m)	Max Water level of River Teesta at Domohani (in mtrs)	Date of max water level
2002	Jalpaiguri	132.90	19..07.2002	3262.87	85.90	27.07.2002
2003		204.20	20.09.2003	3198.10	86.20	08.07.2003
2004		145.00	31.05.2004	3276.87	85.96	08.07.2004
2005		135.50	16.07.2004	2891.90	85.99	20.07.2005
2006		253.70	07.07.2006	2891.90	85.78	12.09.2006
2007		350.40	15.08.2007	3039.90	86.50	07.09.2007
2008		222.00	06.08.2008	3557.10	86.04	20.06.2008
2009		258.20	08.10.2009	2639.00	86.45	20.08.2009
2010		219.10	21.07.2010	3585.45	86.09	23.08.2010
2011		263.20	18.09.2011	3008.09	86.22	18.09.2011
2012		175.40	18.07.2012	2937.52	86.32	15.07.2012
2013		264.80	05.08.2013	3467.90	86.19	09.07.2013
2014		217.00	1508.2014	3115.40	86.20	15.08.2014
2015		157.00	10.06.2015	3001.50	86.36	01.07.2015
2016		146.80	25.07.2016	3287.40	86.02	20.07.2016
2017		295.20	12.08.2017	2806.10	86.02	12.08.2017

5.2 Rain Recording Stations:

Sl. No.	Name of site	Name of River	Office Address	District
1.	Jalpaiguri	Teesta	Composite Complex, Gosalamore	Jalpaiguri
2.	Domohani road bridge	Teesta	Near Teesta Bridge, CWC, Mirchi Bari, Post-Domohani, P.S.- Mayanaguri, Jalpaiguri-735302.	Jalpaiguri
3.	Neora	Neora	Neora Gauge Site, CWC, Inside SSB Camp, PO- Chalsa Dist- jalpaiguri-735206	Jalpaiguri
4.	Nagrakata	Jaldhaka	Nagrakata Gauge Site, CWC, Sukhani Basti Road, Po- Nagrakata, Dist-Jalpaiguri-735225	Jalpaiguri
5.	NH-31 road bridge	Jaldhaka	Near Jaldhaka Bridge, CWC, Charchura Bhandar, Post- Bhangamali, P.S.- Mayanaguri, Jalpaiguri-735224	Jalpaiguri
6.	Diana	Diana	Diana Gauge Site, CWC, Diana Toll Gate, Po- Red Bank, Vill-Banarhat, Dist- Jalpaiguri-735202	Jalpaiguri
7.	Murti	Murti	Murti Gauge Site, CWC, Murti Forest Bit Compound, Po- Batabari, Dist -Jalpaiguri-735206	Jalpaiguri

Chapter-6

6.1 Rivers of Jalpaiguri district:

Sl. No	Name of the river	Name	Danger Level (Mts.)
1	Teesta	The Teesta originates in the glaciers of the Himalayas after joining at Chung-Thang (in Sikkim) from the North Bengal Rivers. Passing through Mangan hills and Sankolan Road Bridge, it comes down through Sikkim and Darjeeling District through a gorge up to Coronation Bridge. From Sevoke, it takes its course through plains of Jalpaiguri, Cooch Behar Districts, finally entering into the territory of Bangladesh and falling into the river Brahmaputra. The approximate length of the river up to the Indo-Bangladesh Border is about 250 km.	85.95
2	Jaldhaka	Three major streams viz. Lichu-Nikchu and Bindhukhola form the river Jaldhaka in the territory of Bhutan. The river then passes through the district of Jalpaiguri and Coochbehar and finally enters Bangladesh finding its outfall in the Brahmaputra. The length of the river Jaldhaka from its origin up to Gitaldah is approx. 189 km, having a total catchment area of 4,587 sq. km (approx).	80.90
3	Diana	The river originates at the upper reach of the Himalayas and enters Jalpaiguri at Chamurchi Bagan. The river Diana mixed with river Jaldhaka at Nathua and after which crossing N.H.-31 it enters into the district Coochbehar.	N.A

6.2 Main Rivers which have caused floods in the district.

Karala River

The small River Karala, popularly known as ‘the Thames of Jalpaiguri’ flows through the middle of the town, dividing it into two halves. The district had experienced heavy floods of 1968 and 1971. Rajganj and Sadar Development Blocks are affected by floods caused by river Karala.

Teesta River

The Teesta River originates in the Himalayas and flows through the Indian States of Sikkim and West Bengal before entering Bangladesh, where it flows into the Brahmaputra. The flood in this river is extremely flashy in nature. Over 5,000 people were marooned in Jalpaiguri district when the river Teesta was in spate following heavy rains in the year 2014. Rajganj, Sadar, Maynaguri Development Blocks are mainly affected by flood caused by river Teesta.

Diana River

The river originates at the upper reach of Himalayan and finds entrance into the state of west Bengal at Chamurchi Bagan. The river Diana merges with river Jaldhaka at Nathua. The river is very aggressive in nature and every year both the banks are severely damaged. Nagrakata and Dhupguri Development Blocks are affected during flood caused by river Dina.

Mahananda River

The Mahananda originates in the Himalayas, Paglajhora Falls on Mahaldiram Hill near Chimli, east of Kurseong in Darjeeling district at an elevation of 2,100 metres (6,900 ft). It flows through Mahananda Wildlife Sanctuary and descends to the plains near Siliguri. Rajganj Development Blocks is affected during flood caused by river. It overflows only in rainy season.

Other rivers

Rivers like Lish, Gish, Chel, Neora, Kuchi Diana, Dudua etc has been known to cause flood during the monsoon season. These rivers are either distributaries or tributaries of the above given four major rivers.

The Jalpaiguri District is the area of Teesta Basin where flood is a general phenomenon. Sudden cloudbursts in Sikkim and Darjeeling is the cause of heavy rainfall and flashflood along with inundation of different areas. Since 1950 to 2015, the District has been regularly affected by floods, the worst one being the flood in the year 1968 when the old Anderson Bridge at Teesta Bazar was demolished and the flood water level was above 20 metres from extreme danger level at Domohani embankment. In July 2015, a large area of Jalpaiguri District got inundated due to

record amount of extra discharged water i.e. 5500 cumecs from Gajaldoba Barrage. This is a major challenge faced by the district and we intend to take this issue with the highest authorities of the TLDP so that release of water is regulated and release of unprecedented excess water avoided.

6.3 Red & Yellow warning levels of the River of Jalpaiguri District

<i>Red & Yellow warning levels of the River of Jalpaiguri District</i>					
<i>Name of the River</i>	<i>Name of the station</i>	<i>Warning level (Yellow) In meters.</i>		<i>Warning level (Red) In meters.</i>	
		<i>Unprotected Area</i>	<i>Protected Area</i>	<i>Unprotected Area</i>	<i>Protected Area</i>
Teesta	Teesta Bazar	211	211	213	213
Teesta	Coronation Bridge	149.4	150	151.8	153.6
Teesta	Domhoni R/D Bridge	85.65	85.95	85.95	86.3
Teesta	Mekligunj R/D Bridge	65.45	65.45	65.95	65.95
Jaldhaka	Nagrakata	160.7	160.7	161.3	161.3
Jaldhaka	N.H.31.RdBridge	80	80.9	80.9	80.9
Jaldhaka	Mathabghanga	48.2	48.4	48.7	48.9
★ Ghis	-----	-----	-----	-----	.....
★ Chel	-----	-----	-----	-----	.....
★ Neora	-----	-----	-----	-----	



No warning level is available; however the level of water is monitored from the district office.

NB: The color pattern/Code has been altered for Last year according to which **YELLOW** would indicate **WATCH**, **ORANGE** would indicate **ALERT**, and **RED** would Indicate **WARNING** as per the Letter of Joint Secreatary,Disaster Management vide memo no -755(19)-RL/O/EOC/7M-125/16 dated 28.04.2016.

6.4 Operation of Teesta Barrage

The length of the Teesta Barrage is 921.75 mtrs. with 45 nos of gates having a span of gate 18-25 mt. There are two nos of Main Canal. The right bank canal is known as Teesta Mahananda link Canal (TMLC) and the left bank canal is known as Teesta Jaldhaka Main Canal (TJMC).

The pond level of reservoirs would be maintained at R.L.114.30 MGTS during monsoon, suitably operating the gates as per message of release received from TLDP (Teesta Low Dam Project)-III at Rambhi and TLDP-IV Kalijhora of NHPC.

The discharge passing through the barrage would be communicated to all concerned over telephone from the control room on hourly basis. The Control room is maintained throughout the year round the clock and release (along with pond level) through Barrage and right bank and left bank canals are recorded on an hourly basis.

Message sent telephonically to the following offices on hourly basis.

- | | |
|---|--------------|
| 1. Control room of District Magistrate, Jalpaiguri | 03561-230780 |
| 2. Control room of CWC, Domohani | 03561-220770 |
| 3. Control room of Flood Warning Authority, Jalpaiguri/Irrigation | 03561-230153 |

Flood Warning Message is issued whenever discharge down the barrage exceeds 2125 Cumecs (75000 cusecs) and is subsequently communicated to all concerned as mentioned below.

- | | |
|---|--------------|
| 1. Secretary, I & W, Dte. | 98300-29951 |
| 2. C.E /TBP | 80176-81866 |
| 3. S.E/ TBC | 94773-05963 |
| 4. S.E/NBFCC | 98320-65090 |
| 5. Control Room of I & W D Jalsampad Bhawan | 033-23218341 |
| 6. S.D.O. Disaster Management | 03561-230780 |
| 7. S.D.O. Mal | 94333-39888 |
| 8. O.C. Bhaktinagar | 03532-543665 |
| 9. O.C. Mal | 03562-255002 |

Contact No. of Control Room and officers

- | | |
|--|-------------|
| 1. Telephone No. of Control Room | 9002005714 |
| 2. Telephone No. of EE/Teesta Barage Div | 94341-87416 |
| 3. Telephone No. of A.E/TBSD-IV | 9883369646 |
| 4. Telephone no. of S.A.E./TBSD-iv | 94757-56995 |

Chapter-7

7.1 History of Disaster and Probability of Disaster in the District

Sl No	Name of the River	Type of Disaster	Affected Areas
01	Teesta	Flash Flood, increase of water level due to heavy rainfall in Sikkim.	Sadar Block- Nathuar Char, Fandiatpara Char, Baher Char, Sukantanagar Coloney. Maynaguri- Barmanpara, chatererpar, Motiair Char, Poliar Char, Baganbari, Sanyasirjote, Laxmir Char, Boal bari Rajganj Block- Takimarir Char, Millanpally, Mantadari Singher Bosti, Biren Bosti, Laltong, Chumukdangi,
02	Jaldhaka	Flash Flood, increase of water level due to heavy rainfall in Sikkim	Nagrakatta- kheyerkatta Dhupguri Magurmari- Gadayerkhuti, Santipara, Station Coloney
03	Diana	Flash Flood, increase of water level due to heavy rainfall in Bhutan.	Affects some Places of Nagrakata and Dhupguri Blocks
04	Mahananda	Flash Flood, increase of water level due to heavy Rainfall	Affects some part of Rajgunj block i.e. Fulbari-I, Fulbari-II
05	Karala	Increase of water level due to heavy Rainfall	Affects some part of Rajganj Block i.e. Mantadari & Sadar Block i.e. entire area of Jalpaiguri municipality .

7.2 Seasonality of Hazard

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

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

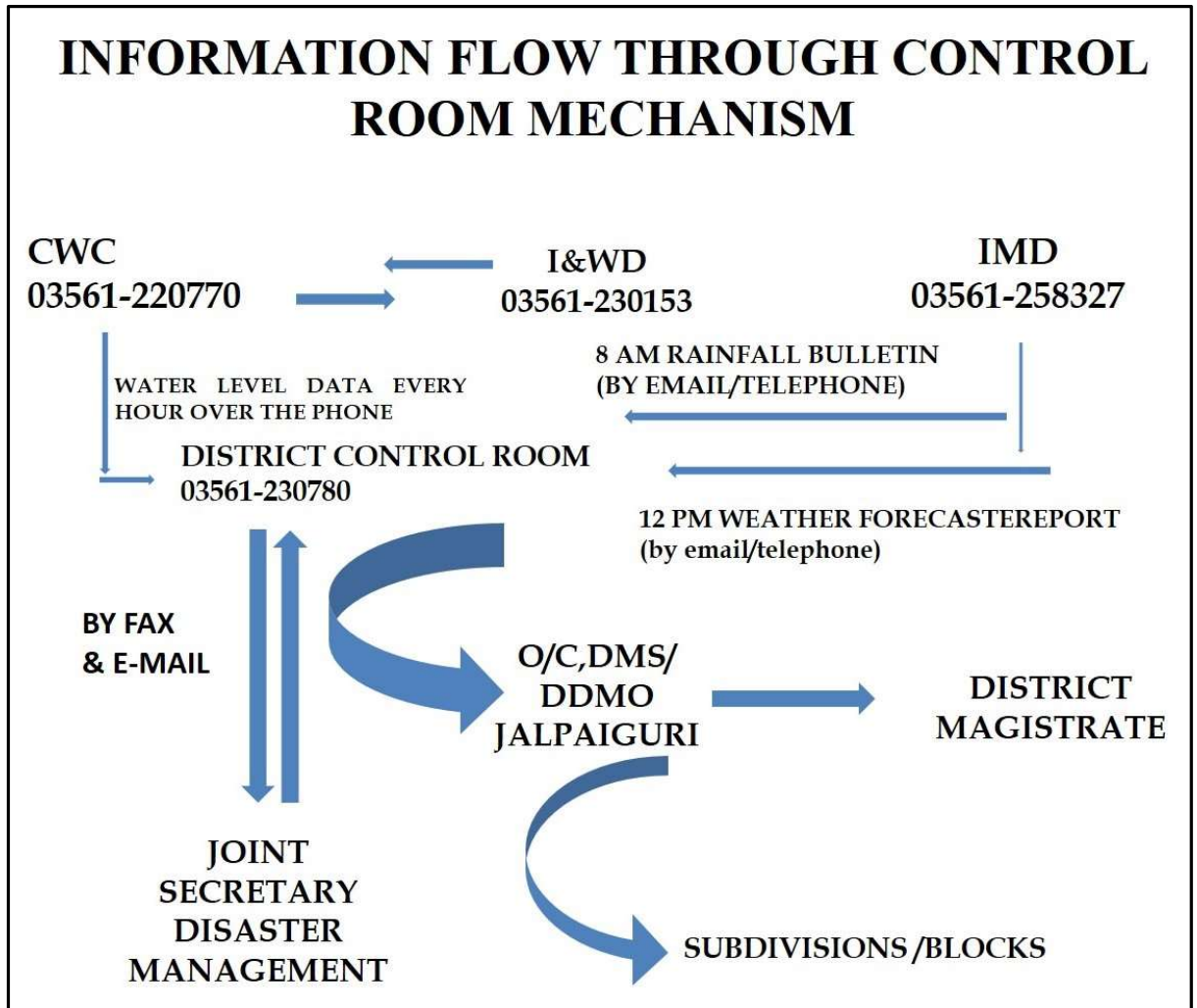
7.3 Risk Assessment 2017:

Sl No		Cyclone (Storm)	Fire	Flash Flood/Heavy Rainfall	Hail Storm/	Lightning(Cloud Burst)/ Electrocut	Snake Bite
1	Period of occurrence		June= 04,08 July= 13 Aug=08, 19 Sep= 14	June= 9,14,15, 21,22,23, 24,25, 26,30 July= 01,02, 12,13,14, 16, 17,19,20 to 25Aug= 22, Sep= 03, 7,21,25 Oct. = 12	Aug-01	June= 10 (E),17 (L), Aug.= 17,22,28 Sep= 16	June= 24 July - 03,17,21,27 Aug= 19, 22 Sep= 23
2	No. of Municipalities/ Blocks	...	Mayna, Sadar, Matiali, Mal	Mal, Maynaguri, Dhupguri, Rajganj, Sadar, Matiali, NKT, J.M= 14 th Wards, DM= 09 th Wards, SMC =03, mal Municipality= 05 wards	Sadar, Raj, May,	Sadar, Dhupguri, Matiali, Maynaguri, Mal, NKT	Mal, Sadar, Rajganj, May, NKT
3	No. of Villages	.....	06.	164	07	08	08
4	People affected	.....	28	137098	40	17	08
5	No. Houses damaged :-Fully	.....	03= Rs. 3.95 lakh	299= Rs 129 .156 lakh	.....	.....	.....
	No. Houses damaged :-Partly	.....	03= Rs. 0 .13 lakh	1758= Rs. 283.17 lakh	14= 1.85 lac	01= .032 lakh	.....
6	No. of Human lost	.....	.....	05	.....	07	08
7	Cropped area affected	.....	.....	7818.54 hec = 31436.85 MT	.....	.....	.....
8	Estimated loss to crops	.....	.....	3320.9005 lakh	.....	.....	.....
9	No. of Animal (Cattle)	.....	04=.15 lakh	.....	.....	.....	.....
10	No. of Poultry loss	.....	.....	.....	.....	.....	.....
11	No. of culverts damaged	.....	.....	01 Mal	.....	.....	.....
12	No. of Bridges damaged	.....	.....	Kurti Bridge-(Mat) = Rs. 4.5 lakh & Bahadur house=1.1 lac 01 (Mal), 01 (Raj) , 01 (NKT), 1.1 lakh, 01(DPG)	.....	.....	.....
13	No. of Roads damaged	.....	.....	01PMGSY(DPG) ,01 normal(DPG)	.....	.....	.....
14	No. of Trees damaged	.....	.....	.....	.....	.....	.....
15	No. of School (Primary) Building damaged	.....	.....	.....	.....	.....	.....
16	No. of other damaged	.....	Cloth,Furniture , Books, Utensils, Bed Under May= 1 lac	Cloth, Books, Utensils, Bed Under JM= 10 lac Embankment of NKT,Dhupguri, NKT	.....	.....	.....

Chapter- 8

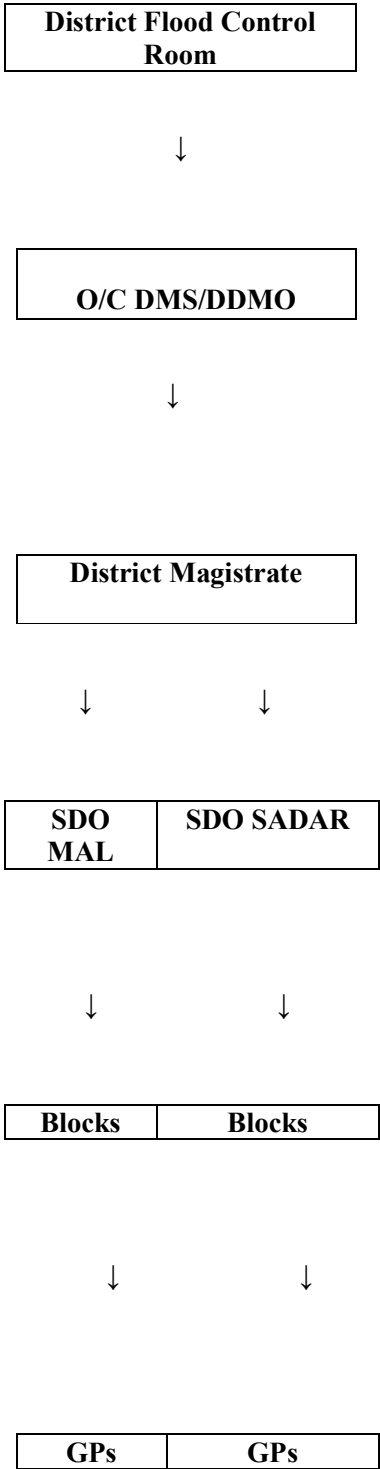
8.1 To combat the situation the district has following mechanism

1. District Control Room with 24X7 helpline manned by the Disaster Management Section & Civil Defence Volunteers.



8.2 Crisis Response Structure of the District.

A. Early Warning Dissemination and Response Plan



Chapter-9

9.1 Staff strength of Disaster Management Section, Jalpaiguri.

Sl No	Name of the Staff	Designation	Contact No
01.	Dipak Karmaker	UDA	9547098521
02.	Prabir Kumar Ray	UDA	8509724079
03.	Digendra Ch. Mallick	UDA	9932837712
04.	Dilip Kumar Dey	Gr-D	9832367951
05.	Gopal Bhowmick	Retired Contractual employee	8670789828

9.2. CIVIL DEFENCE CONTACT DETAILS IN JALPAIGURI DISTRICT

Controller of Civil Defence - Smt. Shilpa Gourisaria I.A.S – 9434078888

Dy Controller - Sri Ranjan Kumar Das WBCS (Exe) – 7797860400

Civil Defence Office - 03561-230400/220171

Officials

1. Ashoke Kr. Bhowmik, Store Keeper, Gr-I - 9474393487
2. Subrata Das, Store Keeper, Gr-II - 8820559942
3. Achintya Kr. Khamrui, LDC - 9932346887

9.3 List of Trained Civil Defence Volunteers in Deep Diving at Kolkata.

Sl. No	Name of Civil Defence Volunteer	Father's Name	Address	Contact No.
1	Ananda Kumar Das	Rebati Das	2 No. Takimari,P.O- Milanpally, Rajganj, Jalpaiguri	9679438559
2	Biswajit Das	Dilip Das	2 No. Takimari,P.O- Milanpally, Rajganj, Jalpaiguri	8101654850
3	Mahanto Barman	Nishanda Barman	2 No. Takimari,P.O- Milanpally, Rajganj, Jalpaiguri	9733098942
4	Ramjan Ali	Liyakat Ali	Pradhanpara, PrasannaNagar, Rajganj	7679098729
5	Bankim Roy	Mumel Roy	Mantadari, Rajganj, Jalpaiguri	909355608
6	Bappa Roy	Fatin Roy	Purnadighi, Sikarpur, Rajganj, Jalpaiguri	7584016592
7	MotalebRahaman	TabibarRahaman	Pradhanpara, Prasannanagar, Rajganj, Jalpaiguri	8927480244
8	SaidulHoque	SamaruMd	Rajmatabari, Belakoba, Rajganj,J alpaiguri	9832206472
9	SujanGuha	UdayGuha	Belacoba, Boulpara, Rajganj, Jalpaiguri	8906315254
10	Mamtaj Ali	MdSirajuddin	Belakoba, Rajganj, Jalpaiguri	7076230903
11	Rubel Das	Milan Das	1 No. Takimari, Milanpally, Rajganj,Jalpaiguri	9749505812
12	Ashu Roy	Nripen Roy	Maharajghat, Milanpally, Rajganj, Jalpaiguri	9091601213
13	Rajani Roy	Naren Roy	Kalarbari, Sikarpur, Jalpaiguri	7029622007
14	Md. Julfikar Ali	Hayder Ali	Pradhan para, Prasannanagar, Rajganj, Jalpaiguri	9832576318
15	Tusta Sarkar	Nikhil Sarkar	Milanpally, Rajgnj, Jalpaiguri	8101626060
16	Jagat Roy	Ulen Roy	Rajmatarbari, Rajganj, Jalpaiguri	9635057262
17	Kalyan Roy	Pahatu Roy	Parkumlai, Dhupguri, Jalpaiguri	9733233328
18	Subhankar Roy	Niren Ch. Roy	Jogeswarpara, Rajganj, Jalpaiguri	9733819023
19	BiswajitMurmu	Mangal Murmu	Jalpaiguri Jail Quarter, Jalpaiguri	8101831464
20	AmalBasak	Kalipada Basak	Khalaigram, Dhupguri,J alpaiguri	9832433016
21	Pabitra Roy	Bharat Ch. Roy	Budharbari, Belkoba, Jalpaiguri	7679484695
22	MunnajAlam	Achhimuddin Md	Belakoba, Rajganj	8927064545
23	Tanmay Biswas	Soumen Biswas	Newtown Para, Jalpaiguri	9126365630
24	Rahul Roy	Haren Roy	Babupara, Jalpaiguri	7863934611
25	Sanjit Roy	Tebhi Roy	Jhakuapara, Kadobarihat, Jalpaiguri	8670746193
26	Uttam Roy	Madan Mohan Roy	Belakoba, Rajganj	9832325685
27	Pradip Barman	Profulla Barman	Munshipara, Kadobarihat	8944095197
28	Nurjamal Pradhan	Abdul Majid Pradhan	Fandaitpra, Kadobarihat	9083527166
29	Azahar Ahmed	Samsul Ahmed	Gomostapara, Kadobarihat	8016437196
30	Biswajit Ghosh	Nandadulal Ghosh	Govt. Eng. College Campus	9641041680
31	Bapi Roy	Bharma Roy	Matiapara, Dangapara, Jal.	7432845800
32	Robin Roy	Naratan Roy	Matiapara, Dangapara, Jal	9734820904

Sl. No	Name of Civil Defence Volunteer	Father's Name	Address	Contact No.
33	Md. Rupen Islam	Nur Islam	Madarganj, Kadobarihat	8158820590
34	Subrata Barman	Dilip Barman	Madarganj, Kadobarihat	8101309919
35	Ashoke Roy	Narayan Roy	South Sukantanagar, Jalpaiguri	9933411701
36	Bishnu Sarkar	Naba Kr. Sarkar	Uttar Sukantanagar, Jalpaiguri	7031077584
37	Mantaj Ali	Amirul Ahmed	Madarganj, Kadobarihat	8170077009
38	Pabitra Roy	Mahadeb Roy	Uttar Sukantanagar, Jalpaiguri	985198848
39	Dulal Ch. Barman	Subhas Ch Barman	Topamari, Jalpaiguri	9775429614
40	Golam Mostafa	Sarifur Islam	Sanpakuripara, Kadobarihat	
41	Uttam Oraon	Biju Oraon	Saotal Line, Sikarpur	9002915510
42	Benimoy Chakraborty	Bijay Chakraborty	Deshbandhunagar, Pandapara Colony, Jalpaiguri	8159988764
43	Vivekananda Roy	Akhil Ch. Roy	Burirjote, Manikganj, Jalpaiguri	8967806151
44	Ramen Sharma	Bharani Sharma	Gomostapara, Kadobarihat	7557038976
45	Pavel Mukhuti	Nanigopal Mukhuti	Pandapara, Jalpaiguri	9641572640
46	Mithun Roy	Mantu Roy	Malipara, Shikarpur, Rajganj	9749990646
47	Dipak Mandal	Gobinda Mandal	Ambari Falakata, Rajganj, Jalpaiguri	9641572631
48	Kushal Roy	Swapan Kr. Roy	Uttar Saripakuri, Malbazar, Jalpaiguri	8436740514
49	Raju Sutradhar	Gurudas Sutradhar	Sebagram, Jalpaiguri	9641478557
50	Subrata Halder	Sankar Halder	Sebagram, Jalpaiguri	9832151280

9.4 Block wise quick response team: -

a) Sadar Block: -

Sl. No.	Name	Designation	Contact No(s).
1.	Smt. Tapashi Saha	Block Development Officer, Sadar, Jalpaiguri.	9434066449, 7797863500, 907398104, 03561-230449, 222711
2.	Sri Parhta Sarathi Narayan Roy	Jt. BDO, Sadar, Jalpaiguri.	9434874575, 8145065598
3.	Domit Lepcha	Jt. BDO, Sadar, Jalpaiguri.	9733327289, 9476427527
4.	Dr. Utpala Adhikary	BLDO, Sadar.	8250665326, 9734835065, 03561-225465
5.	Dr. Niyaz Ahmed	BMO(H), Sadar.	9641461509, 03561-240236
6.	Sri Brikamaditya Dhar	ADA, Sadar.	7585982257, 03561-231561
7.	Sri Santanu Dhar	A.E., I&W Deptt, Jal.	9475512642, 03561-230153
8.	Sri Kanchan Barman	SAE (AI), Sadar.	9434411015
9.	Sri Biplab Mondal	SAE (BPC), Sadar.	9832551234
10.	Sri Kuntal Sarbadhdhakshya	BWO, Sadar	9434413370, 8016815680
11.	Sri Debasis Naskar	BDMO, Sadar	8436778865, 9073938340
12.	Smt. Bahnisikha Sengupta	SEO, Sadar	9434411019, 9083715009

13.	Sri Sourodip Das,	Opt	9434591556, 9002182984
14.	Sri Goutam Dutta	Opt	9434634079
15.	Sri Manoranjan Sarkar	Opt	9434319787
16.	Sri Debdas Karmakar	DEO,MDM,	8535832682, 9083659764
17.	Sri Soumik Mukherjee	BC, SBM(G)	9434217111
18.	Sirajul Islam	Gr. D	8759317512

b) Rajganj Block: -

Sl.No	Name & Designation	Contact Number
1.	Sri Pema Sherpa, BDO	7797863600
2.	Sri Rajmoni Roy, Jt. BDO	8372044266
3	Sri Jugananda Pramanik, BDMO	9733482579
4.	Md. Adimul Hoque, GPK	9002468577
5.	Sri Subhash Roy, Driver	9832531899

c) Maynaguri Block: -

Sl.No.	Name	Designation	Contact No.
1	Swpan Kr.Bhattacharjee	JT BDO	9749385323
2	Aniruddha Lahiri	Jt.BDO	9775493931
3	Jayasree Dhar	BDMO	907393842
4	Debasish Sarkar	Jr Eng(AI)	3434140046
5	Anup Kr Kundu	Jr Eng(RWS)	9932701510
6	Subhankar Paul	Jr Eng(RWP)	9800371337
7	Sankar Prosad Chakraborty	AAEO	8145530255
8	Dilip Kr.Das	EOMEE	9434720305
9	Narayan Chakraborty	APO	9832343523
10	Asit Kr.Basu	BCWI	9475809784
11	Sandip Mardi	CI	7797285834
12	Nilesh Goutam Sinha	SEO	9434490992
13	Arup Kr Paul	BIO	9434981950
14	Biswanath Das	UDA(PS)	9647720474
15	Vaidantik Samanta	JPO	9434605437
16	Subir Kr Chanda	Mech RWS	9434032730
17	Ujjal Dasgupta	T.A	9932273306
18	Dilip Kr Paul	PC	9733156478
19	Arabinda Biswas	DEO	9609845281
20	Uttam Ch.Adhikary	DEO,(CMDM)	9093800441
21	Nayan Chakraborty	BC	9932054319
22	Debasis Sutradhar	OCM	9434602749
23	Sushil Kr.Das	PP	8389845987
24	Joydeb Bhattacharjee	DW	8436511093
25	Manab Adhikary	CS	9002838088
26	Amit Roy	C.A	9046496638
27	Dulal Das	CS	9679139690
28	Arun Mahato	CS	7679209444
29	Abul Mahammad	CS	9563522604
30	Sanjit Roy	CS	9547816459
31	Munna Aziz	CS	9851284674

32	Bipul Das	CD trained	7679102069
33	Bapi Roy	CD trained	9641388940
34	Bappa Roy	CD trained	9749720006
35	Kshitish Roy	CD trained	8388940283
36	Ranjit Roy	CD trained	9641830538
37	Malay Kirtaniya	CD trained	9641942846

d) Dhupguri Block: -

Sl. No	Name & Designation	Contact No
1	Sri. Dipankar Roy, WBCS (Exe), BDO	7797863800
2	Sri. J. Lepcha, Jt. BDO	9002356493
3	Sri. Tirthankar Chakraborty, BDMO	9475082215/9073938341
4	Sri. Swapan Mandal, UDA (Elec)	9547107031
5	Sri. Biplab Roy, DEO	9932619582
6	Sri. Tapan Deb	8293865799

e) Mal Block: -

Sl. No	Name & Designation	Contact No
1.	Sri Bhusan Sherpa B.D.O	7797864600
2.	Smt. Kousalya Roy, Savapati, Mal Panchyat Samiti	9749094166
3.	Sri Srikanta Law, Jt B.D.O	9874129928
4.	Sri Subrata Ghosh,SAE (Relief)	9474327270
5.	Sri. Rajesh Agarwalla, SAE (ALL)	8101569282
6.	Sri Pijush Saha, SAE	9474661631
7.	Sri Atul Chandra Burman, SEO	9932036645
8.	Sri Partha Pratim Dutta Dutta	9832086634
9.	Smt. S. Moktan, B.D.M.O.	9474687476
10.	Smt. Dolly Lepcha, BWO	9647789984
11.	Smt. Gracema Lepcha,CI	9635724151
12.	Smt. Bidya Lama, LEOMEE	9775869793
13.	Smt. Mamata Pal Chanda, WDO	9474083552
14.	Sri Nilotpal Biswas, LDA	9933977762
15.	Sri Chittaranjan Saha, BCW	9434406291
16.	Sri Bhupeswar Prasad, APO	8967400897
17.	Sri Anil Thiroo, PAAO	7076648997
18.	Sri Samaresh Bera, FEA	9732419360

f) Matiali Block: -

Sl. No	Name	Designation	Mobile No.
1	Sri Shekhar Sherpa	Joint B.D.O.	9474427837
2	Sri Palden Bhutia	APO	9641184222

			9091714059
3	Sri Sanjoy Karfa	B.W.O.	8900328300
4	Sri Raja Chakroborty	Nirman Sahayak, B/N. G.P.	9474032243
5	Sri Prashanta Dey	Executive Assistant, M/B-II G.P	9832059264
6	Abdul Razzak	Panchayat Secretary, I/M G.P.	9002224212
7	Aimit Lepcha	Pradhan, Matiali Hat G.P.	8670733539
8	Sri Arindam Chakarborty	Executive Assistant, Matiali Hat G.P	9126527990

g) Nagrakata Block: -

Sl. No	Name & Designation	Contact No
1	Sri Manoj Subba , EOMEE (BDMO –in-Charge)	9832007329
2	Sri Rupesh Lama APO	8145749609
3	Sri Smritiresh Chowdhury Add. Ins. BCW	7872931086
4	Sri Mohan Thami Asst. MDM Acct.	947539422
5	Sri Niranjan Das Supervisor, SHG	8927690374
6	Sri Manoj Chakraborty ,PP	9475608171
7	Sri Bikash Chhetri DEO,MDM	993292006
8	Sri Subhadeep Ghosh Majumder DM,Kanyashree	9800818086

9.5 Contact details of various G. P's under Jalpaiguri District

a) Sadar Block

Sl. No.	Name of the Gram Panchayat	Name of the Employees	Designation	Mobile No.
1.	Arabinda	Malin Ch Roy	Executive Assistant	9832312115
2.	Arabinda	Pradip Sen	Nirman Sahayak	9832410195
3.	Arabinda	Nirmal Tambuli	Secretary	9474416594
4.	Bahadur	Pampa Dey	Executive Assistant	9609004000
5.	Bahadur	Chirantan Roy	Nirman Sahayak	9749958841
6.	Bahadur	Malay Kr Roy	Secretary	9531628605
7.	Baropatia Notun Bos	Satyabrata Deb	Nirman Sahayak	9933630278
8.	Baropatia Notun Bos	Tarak Ch Poddar	Secretary	9609131423
9.	Belakoba	Hirak Sarkar	Executive Assistant	9434217418
10.	Belakoba	Sujal Saha	Nirman Sahayak	9832312905
11.	Belakoba	Sunil Chandra Roy	Secretary	8972253986
12.	Boalmari Nandanpur	Parimal Kr Basunia	Executive Assistant	9635942900
13.	Boalmari Nandanpur	Sankha Subhra Sanyal	Nirman Sahayak	9593746980
14.	Boalmari Nandanpur	Ali Hossain Ahamed	Secretary	9733438357
15.	Garalbari	Avijit Roy	Executive Assistant	8972346464
16.	Garalbari	Sourav Saha	Nirman Sahayak	9563349894
17.	Garalbari	Pranab Chakroborty	Secretary	9434983589
18.	Kharia	Md Abdul Kader	Executive Assistant	9800009888
19.	Kharia	Champak Dutta	Nirman Sahayak	9434413426
20.	Kharija Berubari-I	Jay Laxmi Oraon	Executive Assistant	9474458540
21.	Kharija Berubari-I	Bishnu Kamal Das	Nirman Sahayak	9933769687
22.	Kharija Berubari-I	Ajoy Basak	Secretary	9832358448
23.	Kharija Berubari-Ii	Pradip Kr Sharma	Executive Assistant	9733180238
24.	Kharija Berubari-Ii	Niranjan Roy	Nirman Sahayak	9800407357
25.	Kharija Berubari-Ii	Binoy Kr Roy	Secretary	8116663399
26.	Mondalghat	Ujjwal Mandal	Executive Assistant	9832358716
27.	Mondalghat	Prabir Kr Roy	Nirman Sahayak	9933171074

28.	Mondalghat	Dilip Kr Barman	Secretary	8116022115
29.	Nagar Berubari	Biswanath Sarkar	Executive Assistant	9832382694
30.	Nagar Berubari	Nibedita Roy	Nirman Sahayak	9434257759
31.	Nagar Berubari	Gurudas Roy	Secretary	9475840446
32.	Paharpur	Sreecoomer Roy	Nirman Sahayak	9434137533
33.	Paharpur	Bimal Ch Roy	Secretary	7602265239
34.	Patkata	Subhrajit Roy	Executive Assistant	9474415471
35.	Patkata	Goutam Sengupta	Nirman Sahayak	8436020117
36.	Patkata	Satyendra Nath Roy	Secretary	9002553528
37.	South Berubari	Parameswar Barman	Executive Assistant	9749349074
38.	South Berubari	Rony Roy	Nirman Sahayak	9434518388

b) Dhupguri Block

Sl. No.	Name of the Gram Panchayat	Name of the Employees	Designation	Mobile No.
1.	Binnaguri	Suchir Nath Dutta	Executive Assistant	97754- 60904
2.	Binnaguri	Dhrubajyoti Roy	NirmanSahayak	91260- 11052
3.	Sakoajhora- I	Jagadish Chandra Barman	Executive Assistant	96790-48987
4.	Sakoajhora- I	Pradip Sarkar	Secretary	99336-68865
5.	Sakoajhora- I	Subrata Dey Sarkar	Secretary	94740- 13079
6.	Sakoajhora- I	Bipul Ch. Chanda	NirmanSahayak	98326-32258
7.	Banarhat- I	Badal Ch. Roy	Executive Assistant	99333- 28188
8.	Banarhat- I	Narayan Biswas	Secretary	94761- 52435
9.	Banarhat- I	Sadhan Kr Sarkar	NirmanSahayak	94348- 22901
10.	Salbari- I	Swapan Kr Roy	Executive Assistant	98000-74742
11.	Salbari- I	Prafulla Kumar Roy	Secretary	96097-35109
12.	Salbari- I	Ajit Sarkar	NirmanSahayak	98324-18144
13.	Salbari- II	Rajesh Roy	Executive Assistant	86703-97128, 94342- 42418
14.	Salbari- II	Suren Mitra	NirmanSahayak	94348-03162
15.	Jharlatagram- I	Jayanta Sinha Roy	Executive Assistant	95316- 30599, 89428- 78250
16.	Jharlatagram- I	Nikhilesh Dey	Secretary	78649- 95887
17.	Jharlatagram- I	Dipankar Mandal	NirmanSahayak	94761- 99546
18.	Jharlatagram- II	Subir Kumar Roy	Secretary	96359- 50290
19.	Jharlatagram- II	Samiran Sharma	NirmanSahayak	94343- 40241
20.	Gadherkuthi	Suresh Ch. Roy	Secretary	96356- 13381
21.	Gadherkuthi	Hariom Prasad Sah	NirmanSahayak	99326-52547
22.	Magurmari- I	Aniruddha Ghosh Choudhury	Executive Assistant	94345- 03661
23.	Magurmari- I	DinabandhuAdhikary	Secretary	
24.	Magurmari- I	RupamSaha	NirmanSahayak	96416- 84264
25.	Magurmari- II	Jyoti Krishna Ray	Executive Assistant	96415-30787, 86705- 60249
26.	Magurmari- II	Sukumar Sarkar	Secretary	94746-88974
27.	Magurmari- II	RajibSaha	NirmanSahayak	99320-06979
28.	Barogharia	Manoranjan Sarkar	Secretary	89004-68436
29.	Barogharia	Subrata Sarkar	NirmanSahayak	94341- 27801
30.	Sakoajhora- II	Provat Ch. Roy	Executive Assistant	99320-46623
31.	Sakoajhora- II	Jayanta Kr Ghosh	Secretary	76025-95883
32.	Sakoajhora- II	Nirendra Nath Roy	NirmanSahayak	98323-60015
33.	Gadong-I	Bipul Sinha	Executive Assistant	90029- 86452
34.	Gadong-I	Binod Ch. Roy	Secretary	95471- 82084
35.	Gadong-I	Nityendra Bhowmik	NirmanSahayak	94743-24167
36.	Gadong- II	Karuna Kanta Roy	Executive Assistant	94344-91915
37.	Gadong- II	Gopal Bhattacharjee	Secretary	96358-10750
38.	Gadong- II	Swapan Kr. Biswas	NirmanSahayak	94342-28811, 96419- 60513
39.	Banarhat- II	Neelam Lama	Executive Assistant	94746-30021, 86418- 61276

40.	Banarhat- II	Rabindra Nath Barai	NirmanSahayak	95936-52425
41.	Chamurchi	Amarendra N Roy	Executive Assistant	94346-07826
42.	Chamurchi	Bimal Kumar Ghosh	Secretary	94344-12659

c) Rajganj Block

Sl. No.	Name Of The Gram Panchayat	Name Of The Employees	Designation	Mobile No.
1.	Kukurjan	Sourav Das	Executive Assistant	9475838566
2.	Kukurjan	Abhijit Banerjee	Nirman Sahayak	9434217205
3.	Kukurjan	Timir Ch Biswas	Secretary	9002624222
4.	Dabgram 1	Amitava Chakraborty	Excutive Assistant	94745-91516
5.	Dabgram 1	Dipankar Saha	Secretary	94346-03341
6.	Panikouri Gp	Naresh Goswami	Nirman Sahayak	9475910911
7.	Panikouri Gp	Gopal Mandal	Executive Assistant	9735933886
8.	Panikouri Gp	Mrinal Kanti Som	Secretary	7602341457
9.	Fulbari 1	Mangal Chandra Baroi	Secretary	9475914527
10.	Fulbari 1	Jeeban Kr. Das	Nirman Sahayak	9832319600
11.	Fulbari 1	Kalindra Nath Roy	Executive Assistant	8509007509
12.	Fulbari 2	Pradip Kr. Bhowmik	Secretary	8016246737
13.	Fulbari 2	Sudipta Majumder	Executive Assistant	9434174974
14.	Fulbari 2	Pranab Mukherjee	Nirman Sahayak	8967422594
15.	Dabgram 2	Rajib Dukpa	Nirman Sahayak	9851009931
16.	Dabgram 2	Radha Govinda Sarkar	Executive Assistant	9832329363
17.	Majhiali Gp	Saikat Choudhury	Executive Assistant	9531622602
18.	Majhiali Gp	Narendra Nath Biswas	Secretary	8016390681
19.	Majhiali Gp	Shubhadip Maitra	Nirman Sahayak	9434242470
20.	Sukhani	Kanti Pada Roy	Executive Assistant	9932992632
21.	Sukhani	Pampa Dey	Nirman Sahayak	9434633565
22.	Sukhani	Kailash Ch. Adhikary	Secretary	9932415653
23.	Binnaguri	Sanjoy Bose,	Executive Assistant	9800265009
24.	Binnaguri	Alok Das,	Nirman Sahayak	9733325345
25.	Binnaguri	Sadip Kr. Oraon	G.P.Karmee	9547019632
26.	Shikarpur	Bitan Ghosh,	Executive Assistant	9932394463
27.	Shikarpur	Pran Krishna Biswas	Nirman Sahayak	9635222858
28.	Mantadari	Ranjit Kr. Biswas	Secretary	9932387713
29.	Mantadari	Mrinmayee Sarkar	Nirman Sahayak	9002118221
30.	Sannyasikata	Amlan Kar	Executive Assistant	9475896601
31.	Sannyasikata	Arindam Saha	Nirman Sahayak	9733137576

d) Maynaguri Block

Sl. No.	Name Of The Gram Panchayat	Name Of The Employees	Designation	Mobile No.
1.	Amguri	Nanigopal Shome	Secretary	8436171964
2.	Amguri	Prasenjit Sarkar	Nirmansahayak	9434677182
3.	Burnesh	Basudeb Guha Roy	Executive Assistant	9093182639
4.	Burnesh	Bijan Bihari Saha	Secretary	9126017657
5.	Burnesh	Subhasri Majumder	Nirmansahayak	8906668500
6.	Churabhandar	Gopal Ch. Majumdar	Executive Assistant	9733266358
7.	Churabhandar	Durlav Dutta	Secretary	9563019817
8.	Churabhandar	Narayan Sarkar	Nirmansahayak	9832090227
9.	Dharmapur	Rana Biswas	Executive Assistant	9832069681
10.	Dharmapur	Pradip Bhattacharjee	Secretary	9474092492
11.	Domohani-I	Basiruddin Ahmed	Executive Assistant	9933889863
12.	Domohani-I	Debadyuti Mitra	Secretary	9126639519
13.	Domohani-I	Parthapratim Guha	Nirmansahayak	9832091928
14.	Domohani-II	Sashi Mohan Roy	Executive Assistant	9733336704
15.	Domohani-II	Sujit Kr. Sarkar	Secretary	7797669860

16.	Domohani-II	Pratap Das	Nirmansahayak	8388938431
17.	Khagrabari-I	Saumik Sen	Secretary	9434340431
18.	Khagrabari-I	Arun Biswas	Nirmansahayak	9932534891
19.	Khagrabari-II	Ardhendu Paul	Executive Assistant	9593922399
20.	Khagrabari-II	Subhash Ch. Dey	Secretary	9932886227
21.	Khagrabari-II	Rikta Roy Chaudhuri	Nirmansahayak	9434204533
22.	Madhabdanga-I	Subal Ch. Sarkar	Secretary	9734189878
23.	Madhabdanga-I	Bhupali Biswas	Nirmansahayak	9002984137
24.	Madhabdanga-II	Gouranga Mallick	Executive Assistant	9733220962
25.	Madhabdanga-II	Samar Sarkar	Secretary	8967812069
26.	Madhabdanga-II	Bibhuti Roy	Nirmansahayak	9775488724
27.	Maynaguri	Sudebkanta Gupta Bhaya	Executive Assistant	8436286233
28.	Maynaguri	Moloychikbaraik	Secretary	9126035957
29.	Maynaguri	Swapna Mandal	Nirmansahayak	9002792833
30.	Padamoti-I	Parthapratimbask	Executive Assistant	9434368130
31.	Padamoti-I	Tamidul Hoque	Secretary	9733049051
32.	Padamoti-I	Debasish Roy	Nirmansahayak	9126015188
33.	Padamoti-II	Sukhen Nag	Executive Assistant	9733241545
34.	Padamoti-II	Adhiraj Nag	Nirmansahayak	9475140316
35.	Ramshai	Mrigendra Nath Roy	Executive Assistant	9593808460
36.	Ramshai	Sankar Roy	Nirmansahayak	9933441380
37.	Saptibari-I	Priyanath Roy	Executive Assistant	9593814625
38.	Saptibari-I	Jitendra Kr. Paul	Secretary	9832381549
39.	Saptibari-I	Kalyan Kr. Biswas	Nirmansahayak	9733180294
40.	Saptibari-II	Suman Biswas	Executive Assistant	9434605820
41.	Saptibari-II	Bimal Krishna Roy	Secretary	9609923440
42.	Saptibari-II	Sukamalnandy	Nirmansahayak	9593895221

e) Mal Block

Sl. No.	Name Of The Gram Panchayat	Name Of The Employees	Designation	Mobile No.
1.	Bagrakote	Sri HarendranathMohanta	Secretary	8016519630
2.	Oodlabari	Sri Dipankar Roy	Executive Assistant	9593849880
3.	Damdim	Sri Utpal Biswas	Executive Assistant	9734969188
4.	Damdim	Sri Ranadip Roy	NirmanSahayak	9434982391
5.	Rungamuttee	Sri MostafijurRahaman	Executive Assistant	9933131285
6.	Rungamuttee	Sri Subhendu Sankar Roy	NirmanSahayak	9800217381
7.	Tesimla	Sri Chittranjan Paul	Executive Assistant	9434885285
8.	Tesimla	Sri Bhasker Sen	NirmanSahayak	9474720087
9.	Tesimla	Smt Soma Sarkar	Secretary	9474382755
10.	Kumlai	Sri Satyabrata Sen Gupta	Executive Assistant	9733037336
11.	Kumlai	Sri Pinkusaha	NirmanSahayak	9232370228
12.	Chengmari	Sri Badal Sarkar	Executive Assistant	9679011354
13.	Chengmari	Sri Bikash Rudra	Secretary	9832097492
14.	Rajadanga	Sri Biswajit Roy	Executive Assistant	9933884566
15.	Rajadanga	Sri Biswanath Paul	Secretary	9609834607
16.	Kranti	Sri ManikSaha	Executive Assistant	9932297239
17.	Kranti	Sri sanjib Sarkar	NirmanSahayak	9002792774
18.	Lataguri	Sri Dipankar Roy	Executive Assistant	9933999690
19.	Lataguri	Sri Dipak Dey	NirmanSahayak	9932342150
20.	Lataguri	Sri Samiran Sarkar	Secretary	8670349898
21.	Moulani	Sri Anupam Barman	NirmanSahayak	9733222143
22.	Moulani	Sri Sukumar Chakraborty	Secretary	
23.	Chapadanga	Sri SwapanSaha	Executive Assistant	8348411747
24.	Chapadanga	Sri Pinaki Maitra	NirmanSahayak	7679089929

f) Matiali Block

Sl. No.	Name Of The Gram Panchayat	Name Of The Employees	Designation	Mobile No.
1.	Matialibatabari-I	Sandip Sarkar	Executive Asst	9733034989
2.	Matialibatabari-I	Suddhasatta Ghosh	Nirmansahayak	9126014804
3.	Matialibatabari Ii	Arindam Chakraborty	Executive Asst	9434217585
4.	Matialibatabari Ii	Pinaki Kundu	Nirmansahayak	9609824124
5.	Bidhannagar	Prasanta Dey	Executive Asst	9832059264
6.	Bidhannagar	Raja Chakraborty	Nirmansahayak	9474032243
7.	Bidhannagar	Premnath Mahato	Secretary	8972023909
8.	Indong- Matiali	Sunil Oraon	Executive Asst	8967418409
9.	Indong- Matiali	Abdul Rajjak	Secretary	9002224212
10.	Matiali Hat	Nabin Chandra Das	Executive Asst	9733163945
11.	Matiali Hat	Archita Ghosh	Nirmansahayak	9434809743

g) Nagrakata Block

Sl. No.	Name Of The Gram Panchayat	Name Of The Employees	Designation	Mobile No.
1.	Sulkapa G.P	Bappaditya Aich	Executive Assistant	9474415795
2.	Sulkapa	Anupam Mistry	Nirman Sahayak	8145315107
3.	Angrabhasa-I	Atanu Roy	NirmanSahayak	7074549159
4.	Angrabhasa-I	Khairul Basha	Secretary	9531625746
5.	Angrabhasa-II	Pinaki Roy	Executive Assistant	9832354282
6.	Angrabhasa-II	Bhaskar Roy	Nirman Sahayak	9093727123
7.	Angrabhasa-II	Jaga Jyoti Roy	Secretary	8116223611
8.	Champaguri	Babita Pradhan	NirmanSahayak	9733143143
9.	Looksan	Arabinda Sarkar	Executive Assistant	9547941343
10.	Looksan	Debashis Bondya	NirmanSahayak	9474592236
11.	Looksa	Soma Sarkar	Secretary	9474382755

Chapter 10

10.1 Availability of Country Boat Blockwise

Sadar Block					
Sl. No	Name of G.P.	Name of Boat owners	No. of boat	Address	Contact No.
1	BoalmariNandanpur G.P.	Anil Sarkar	01	Baherchar	8609959031
2	Paharpur G.P.	RafikulHaque	01	Choto Chowdhury Para	9832361911 (Md. Aladin)
3	Paharpur G.P.	SapiyarRahaman	01	Choto Chowdhury Para	
4	Paharpur G.P.	Kharsed Ali	01	Choto Chowdhury Para	
5	Paharpur G.P.	AnarulHque	01	Choto Chowdhury Para	
6	Paharpur G.P.	IshaHaque	01	Choto Chowdhury Para	
7	Mondalghat G.P.	Siten Rishi	01		8016458664
8	Mondalghat G.P.	Sonaeram Rishi	01		9635219452
9	Mondalghat G.P.	Rashidul Md.	01		9547502142
10	Mondalghat G.P.	Delwar Pradhan	01		9679491688

Rajganj Block					
Sl. No	Name of Country Boat Owner	Father's Name	Address	Contact No.	No of Boat
01	Sri Niranjana Sannyashi	Sri Badal Sannyashi	Uttar Milanpally	7063408246	01
02	Sri Rabi Malo	Sri Kalipada Malo	Milanpally	9749368995	02
03	Sri Chaitannya Sarkar	Sri Suresh Sakar	Milanpally	9083733239	02
04	Sri Gouranga Sarkar	Sri Suresh Sakar	Milanpally	9083727960	02
05	Sri Janardan Sarkar	Sri Haladhar Sarkar	DakshinMilanpally	9775476866	01

Maynaguri Block				
Sl. No	Name of GP	Name of Country Boat Owners	Address	Contact No
1	Domohoni-I	Sri Dhiren Das, S/O Late Kanadhar	Barmanpara	9800993798
2	-Do-	Sri Marali Das, S/O Late Nader Chand	Barmanpara	Dipali Roy, Pradhan-7679878508 03561-233145(O), Haripada Roy, Upa-Pradhan-9641640051

3	-Do-	Sri Dinesh Sarkar S/O, Late Denubhandhu	Barmanpara	-Do-
4	-Do-	Sri Naren Das, S/O Late Dukhu	Barmanpara	-Do-
5	-Do-	Sri Sukradev Das, S/O Jatra Das	Barmanpara	-Do-
6	-Do-	Sri Fagu Das, S/O Lt. Jiten Das	Barmanpara	-Do-
7	Padamati-II	BhabeswarAdhikary	DakDak-Padamati	9933192442
8	Padamati-II	Pulin Roy	Dak-Padamati	7319577217
9	Padamati-II	Bacchu Md.	Dak-Padamati	7866017913
10	-Do-	Manar Md.	Dak-Padamati	7699587856
11	Padamati-I	GP Owneed	Padamati-I GP Office	8389825473 Contact Person – Gouranga Roy
12	Dharmapur	Haridas Ch. Roy	Dak. Dharmapur	9609995649 Contact person Nantu Roy
13	-Do-	Bhawani Roy	Dak. Dharmapur	7699126008 Contact Person- Monoranjana Roy
14	-Do-	AzizulHaque	Uttar Dharmapur	9002801409 Contact Person- Prodhan
15	-Do-	Kumud Roy	Dak. Dharmapur	9609995649 Contact person Nantu Roy
16	Barnesh	Nirode Ch. Mallick	Barnesh Bazar	9635950199
17	Ramshai	Madan Roy	Jaldhaka Char	9679389392 Contact Person – Ananta Roy
18	-Do-	Juran Sarkar	Jaldhakia Char	9679389392 Contact Person – Ananta Roy
19	-Do-	Subodh Roy	Nouka Bihar Panbari	9933331104

Dhupguri Block					
Sl. No	Name of the Boats Owners	Address	Contact No.	No. of Boats	Name of the GP
1	Hamidar Hossain	Kazipara	8509119339	01	Gadong – I
2	MonsurAlam	Kazipara	9679672919	01	Gadong – I
3	Nripen Roy	Kazipara	8145058377	01	Gadong – I
4	Sabin Roy	PurbaMallikpara	9635260241	01	Sakoajhora – I
5	Mahadeb Roy	Moinatali	9002798911	01	Magurmari - II
6	Bishambhar Roy	Bogribari	9800815932	01	Gadherkhuti
7	KajalDey	Bogribari	9800815932	01	Gadherkhuti
8	Sujit Sarkar	Bogribari	8670495009	01	Gadherkhuti
9	Sasadhar Roy	Gadherkhuti	9932213975	01	Gadherkhuti
10	Krishna Roy	Gadherkhuti	9932213975	01	Gadherkhuti
11	Mongla Munda	Mundapara		01	Gadong – I

12	Allaudidn	Mundapara		01	Gadong – I
13	AbulKhayar	Mundapara		01	Gadong – I

Mal Block					
Sl. No	Name of G.P.	Name of Boat owners	No. of boat	Address	ContactNo.
1	Oodlabari	Ruhi Das	01		9641035086
2		Jagadish Mandal	01		9832622235
3		Samir Das	01		8927210969
4		Agin Das	01		8927985853
5		SambhuTalukder	01		8509570693
6		Ajit Biswas	01		7407275954
7		Ganga Das	01		9641154881
8	Kumlai	Bitimohan Roy	01		7679040313
9	Kranti	Santosh Sarkar	01		9800019482
10		GandraOraon	01		9734478518
11	Chapadanga	Tranbandhu Mandal	01		7679040313
12		SukumarBaroi	01		9800019482
13		Ganesh Roy	01		9734478518
14		Supen Roy	01		9832061803
15		Gopeswar Burman	01		9002750470

Nagrakata Block					
Sl. No	Name of G.P.	Name of Boat owners	No. of boat	Address	Contact No.
1	Angrabhsa-II	Nitish Roy	01		9134684012
2		Suraj Ray	01		9134783165
3		Narayan Roy	01		8513020873

10.2 Relief Godowns in the District

SL NO	NAME OF THE BLOCK	NUMBER
01.	SADAR DEVELOPMENT BLOCK	01
02.	RAJGANJ DEVELOPMENT BLOCK	01
03.	MAYNAGURI BLOCK DEVELOPMENT BLOCK	01
04.	DHUPGURI DEVELOPMENT BLOCK	01
05.	MAL DEVELOPMENT BLOCK	01
06.	MATIALI DEVELOPMENT BLOCK	01
07.	NAGRAKATA DEVELOPMENT BLOCK	01
08	DISTRICT HEADQUARTER	01
ALL RELIEF GODOWNS ARE IN THE RESPECTIVE BLOCK OFFICES		

10.3 Rescue Shelters in the District

Sadar Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Paharpur Flood Shelter	Paharpur	26.5755	89.7325
2	A. C. College	Paharpur	26.53618	89.701044
3	Jalpaiguri Govt. Engg. College	Paharpur	26.55139	89.715833
4	Dodalia Flood Shelter	Patkata	26.605	89.682889
5	PanchiramNahata High School.	BaropatiaNutanbos	26.61217	89.653833
6	Bodagani Jr. Basic School	BaropatiaNutanbos	26.64783	89.631722
7	Jalpaiguri Zilla School	Kharia	26.89406	90.220139
8	Kshetramohan High School	Mandalghat	26.46567	89.72025
9	Central Mandalghat BFP School	Mandalghat	26.46217	89.735833
10	Kadobarihat Shade	Mandalghat	26.46583	89.743972
11	Sonapukuri Para Pry. School	Mandalghat	26.47892	89.736806
12	KachuaBoalmari High School	BoalmariNandanpur	26.39778	89.785917
13	Tantipara Flood Shelter		26.40692	89.783083

Rajganj Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Hatiadanga Pry. School	Mantadari	26.71012	88.462244
2	JoykantaPriary School	Dabgram-II	26.73038	88.454494
3	EktiasalMohipal H. S.	Dabgram-II	26.71511	88.457347
4	Shantinagar Pry. School	Dabgram-II	26.7042	88.450503
5	Farabari SC Pry. School	Dabgram-II	26.70386	88.474014

6	JaladumurBuribhasa Pry School	Dabgram-II	26.69375	88.595908
7	Balaram Pry. School	Dabgram-II	26.6426	88.454075
8	Fullbari High School	Fulbari-II	26.62968	88.438028
9	Kamarangguri BFP School	Fulbari-I	26.67617	88.420931
10	Ambikanagar NF Pry. School	Fulbari-I	26.67715	88.420931
11	Salugara High School	Dabgram-I	26.76476	88.452436

Maynaguri Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Narest High Land (Chatrapar, Barmanpara	Domohani-I	26.88603	88.766139
2	Hatkhol	Domohani-I	26.58244	88.7675
3	Domohani Jr. High School	Domohani-I	26.57778	88.777556
4	Barnesh G. P. Office	Barnesh	26.52969	88.785083
5	Barnesh Char State Plan Pry. School	Barnesh	26.56244	88.771222
6	Ulladabri B. F. P. School	Barnesh	26.552	88.789889
7	Janakalyan Pry. School (Ulladabri)	Barnesh	26.54294	88.785222
8	Pultali Pry. School (Sishuabari/Kalibari)	Barnesh	26.50578	88.769472
9	Barnesh High School	Barnesh	26.51617	88.773
10	BarnishGhat R. R. Pry. School (D/Ulladabri)	Barnesh	26.52292	88.779167
11	Dharmapur G.P. Office	Dharmapur	26.46869	88.791194
12	DharmapurShashadhar High School	Dharmapur	26.47139	88.787361
13	Jorepakri Basic School	Dharmapur	26.465	88.823139
14	Jorepakri A. G. High School	Dharmapur	26.46294	88.823472
15	DakshinBaroghoria State Plan Pry. School	Dharmapur	26.48717	88.776333
16	Padamati-I G. P. Office	Padamati-I	26.47083	88.8555
17	Uttar PadamatiChrerbari S. C. Pry. School	Padamati-I	26.43131	88.844611

Maynaguri Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
18	KhoyerkhaliLaskarpara R. R. Pry. School	Padamati-I	26.44944	88.855278
19	Bhotpatty B. F. P. School	Padamati-I	26.46647	88.852083
20	Bhotpatty Jr. Girls High School	Padamati-I	26.47133	88.855944
21	Padamati-II G.P. Office	Padamati-II	26.42772	88.859556
22	Nearest High Lande	Padamati-II	26.422	88.851528

23	P.U.R. High School	Padamati-II	26.42839	88.859361
24	ShishubariShishuSiksha Kendra (All for D/Padamati Char, Matiar Char Etc.)	Padamati-II	26.41592	88.851944
25	Ramsai G.P. Office	Ramsai	26.67033	88.849194
26	RamsaiBhabani High School	Ramsai	26.66514	88.8425
27	Amguri Ram Mohan High School	Amguri	26.62547	88.840806
28	BetgarahGlood Rescue Shelter	Amguri	26.61014	88.878472
29	Bakshidanga Pry. School	Amguri	26.64033	88.854833
30	Char Churabhandar New Colony Pry. School	Churabhandar	26.57475	88.916833
31	Bhangarhat B.F.P. School	Churabhandar	26.58547	88.906306
32	Vivekananda PrabahamanShiksha Kendra (Community Hall) Mallickbari	Churabhandar	26.58942	88.889278
33	Ratherhat High School	Churabhandar	26.57825	88.884778

Dhupguri Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Charcharabari	Gadhearkuti	26.8	89.148611
2	Kurshamari	Gadhearkuti	26.80583	89.069167
3	Bagribari	Gadhearkuti	26.75861	88.992778
4	JharSalbari	Gadhearkuti	26.62556	88.115278
5	Pundibari	Gadhearkuti	26.75306	88.253611
6	PurbaDangapara	Gadong-II	26.53583	88.3175
7	Khalaigram	Gadong-II	26.56139	88.121944
8	Kajipara	Gadong-II	26.83528	88.256667
9	Jurapani	Gadong-II	26.69944	88.306111
10	Dambari	Barogharia	26.62306	88.136111
11	Patkidaha	Barogharia	26.56444	88.971667
12	DakshinKhearbari	Barogharia	26.62139	88.235278
13	Borogharia	Barogharia	26.795	89.076944

Mal Block				
Sl No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Sunil Dutta Smriti Girls High School(Temporary)	Oodlabari	27.64778	89.196111
2	Temporary Flood Shelter in under constructed Nursing Home near Mukti Petrol pump	Oodlabari	27.66944	89.033333

3	Temporary Flood Shelter in subhash Pally sisuShiksha Kendra	Oodlabari	27.49111	89.2675
4	Uttar Khalpara Flood Shelter(Permanent)	Krinti	27.21333	89.259167
5	Adabari Flood Shelter (Permanent)	Moulani	27.39361	89.234167

Matiali Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	NeoraMajhiali ITDP Pry. School	Matiali Batabari-I	26.85567	88.774444
2	Batabari CM High School	Matiali Batabari-II	26.81956	88.800167
3	Chaqafelly Pry. School	Matiali Batabari-II	26.78553	88.763389
4	Bidhan Nagar Bhig School	Bidhan Nagar	26.82664	88.767944
5	Salbari BFP No.III Pry. School	Bidhan Nagar	26.8445	88.765611
6	Kalabari Pry. School	Bidhan Nagar	26.82836	88.770722
7	NeoraMajhiali BFP Pry. School Dangapara	Bidhan Nagar	26.82039	88.764111
8	Bataigol Busty Pry. School	Bidhan Nagar	26.85617	88.758111
9	Sishadanga Pry. School	Bidhan Nagar	26.81172	88.773361
10	Nakhati T. E. Pry. School	Bidhan Nagar	26.91617	88.751722

Nagrakata Block				
Sl. No	Name of the Rescue Shelter	Name of the GP	Latitude	Longitude
1	Kherkata BFP School	Angrabhasa-I	26.79869	88.916058
2	BaniaparaChowrastaHigha School	Angrabhasa-II	26.71574	88.903806
3	Chhartandu Addl. Pry. School	Sulapara	26.85363	88.930828

10.4 Particulars of the Office/Agency from whom Bulldozer/Earth Movers/Dumper/JCB /Rock Cutter / Concrete Cutter can be arranged at the time of Emergency

SL No	Name of the Office/ Agency	Type of Equipments	Location of Equipments	Name & Contact No
01.	Jalpaiguri Municipality	JCB 01 Nos Sky Jacker 01 nos	Sanitary Department	03561-23109 Chairman 94340048857
02.	Mal Municipality	JCB 01 Nos	Mal Municipality	Chairman 9434110303
03.	M.P Sitani & Group	JCB 06 nos Dumper 04 nos Rock Cutter 01 nos Concrete Cutter 01 nos	Dinbazar Jalpaiguri	9434708450
04.	M/s Nitish Guha Thakurata	JCB 02 nos	(01 at Jhabari under Sadar block and 01 nos at Maynaguri block.	9733226858
05.	M/s Shymal Tarafder	01 nos JCB	01 nos JCB at Rajgunj Block	9434006679
06.	Civil Defence Department,Jalpaiguri	Bullet Chain Saw 02 nos Circular Saw 02 nos	SDO & Dy. Controller of Civil Defence,Jalpaiguri	9434725250 7797860400
07	M/s Dipak Ghosh	JCB 01 nos		8972842018

10.5 Name & Contact Details of Storing Agents in Jalpaiguri District.

SI No	Particulars of Storing Agent	Address	Telephone No
1.	Sri Sunil Saha, Storing Agent, Sadar Sub-Division, Jalpaiguri	Sri Sunil Saha, Storing Agent, Paharipara, Jalpaiguri	94347 -20515
2.	Sri H.P. Gupta, Storing Agent, Mal Sub-Division, Jalpaiguri	Sri H.P. Gupta, Storing Agent, Caltex More, Malbazar, Jalpaiguri	94341- 52560

10.6 List of NGOs in Jalpaiguri District

Name of NGOs	Area of Operation	Sector	No. of Volunteers	Other Resources	Contact Address & Telephone Numbers
Grace Ministries Grace Children Home (Janajati Bikash Samity)	Nagrakata, Jalpaiguri		5		Vill-Sukani Basti, P.O- Nagrakata, Dist.- Jalpaiguri, (272071/9832097618)
Khayerbari Welfare & Development Society	Rangalebazna Jalpaiguri		7		Vill-Khayerbari, P.O- Rangalebazna, Dist. Jalpaiguri. (220095)
Bharat Sevashram Sangha	Jalpaiguri		10		Vill-DBC Road, P.O- Jalpaiguri, Dist.- Jalpaiguri (230646)

Cdhi	Jalpaiguri		7		Vill-Pandapara, P.O- Jalpaiguri, Dist.- Jalpaiguri (232020)
Indian Red Cross Society	Jalpaiguri		10		Vill-T.B. Hospitalpara, P.O-Jalpaiguri, Dist.- Jalpaiguri, (230951)
Jalpaiguri Seva Sadan	Jalpaiguri		15		C/O Bishop House, P.O-Assam More, Dist.- Jalpaiguri (255279)
Jalpaiguri Welfare Organization	Jalpaiguri		8		Vill-Club Road, P.O- Jalpaiguri, Dist.- Jalpaiguri (230304/231953)
Jalpaiguri Science & Nature Club	Jalpaiguri		7		Vill-Nivedita Sarani Nayabasti, P.O- Jalpaiguri, Dist.- Jalpaiguri (224436)
Santana	Maynaguri		5		Vill-Vivakananda Pally, P.O-Maynaguri, Dist.-Jalpaiguri (235788/9434491830)
Rajganj Welfare Organization			8		Vill-Rajganj, P.O- Rajganj/Prasantanagar, Dist.-Jalpaiguri (254289/9832350251)
Lataguri Social Welfare Organization			6		Vill-Lataguri, P.O- Lataguri, Dist. Jalpaiguri (266249)
Binnaguri Welfare Organization			9		Vill-Binnaguri, P.O- Binnaguri, Dist.- Jalpaiguri (259759/259139)

10.7 List of Helipads and Landing Ground

Sl. No	Name of The Block	Place of Helipad	Longitude/ Latitude
1	SADAR	1)Jalpaiguri Govt. Engg. College playground	E-88°42'30.04"/ N-26°32'30.4"
		2)Panchiram Nahata High School Play Ground	E-88°39'13.8" /N-26°36'33.8"
		3)Bodaganj Jr. Basic School Play Ground	E-88°37'26.8"/N-26°30'33.4"
		4)Kshetramohan High School Play Gournrd	E-88°43'12.9"/N-26°27'56.4"
		5)Kachua Boalmari High School Play Ground	E-88°47'09.3"/ N-26°23'52.0"
		6)Jalpaiguri Zilla School playground	E-88°43'12.09"/ N-26°36'42.8

		7) Jalpaiguri Assam More Helipad Ground	E-88°68'94"/ N-26°52'53"
2	RAJGANJ	1) Rajgunj M.N High School.	E-88°30'50.8"/ N-26°33'36.7"
		2) Himalaya Academy	E-88°30'33.8"/ N-26°33'1.6"
3	MAYNAGURI	1) RPF training center ground	E-88°46'17.1"/ N-26°34'37.4"
		2) Amguri Rammohan High School ground	E-88°50'26.9"/ N-26°37'31.7"
4	DHUPGURI	1) Dhupguri Football Ground	E-89°00'32.4"/ N-26°35'10.8"
5	MAL	1) Mal BDO Office Compound	E-088°44'13.84"/ N-26°52'08.88"
		2) Oodlabari IOC Helipad	E-088°37'31.73"/ N-26°51'47.69"
6	METIALI	1) Chalsha Gayanath Vidyapith	E-088°48'22.7"/ N-26°52'34.06"
		2) Salbari No-3 BFP School	E-088°45'53.09"/ N-26°50'41.0"
		3) Tia Bon , Chalsa	E-88°48' 24"/ N-26°51'30.9"
7	NAGRAKATA	1) North Kherkata	E-88°56'5.9"/ N-26°45'14.7"
		2) Kalabari High School Ground	E-88°56'49.5"/ N-26°45'56.2"
		3) European Club Ground	E-88°55'7.2"/ N-26°52'59.2"

10.8 Police Stations Details

Police Station	Telephone Number
Kotwali	03561-228042
Rajganj	03561-254231
Maynaguri	03561-233032
Dhupguri	03563-250040
Malbazar	03565-255002
Matiali	03565-242201
Nagrakata	03565-272002
Banarhat	03565-252063
Womens Police Station	03561-224516

10.9 Hospital Details in Jalpaiguri District

District Level Contact Number				
Sl. No.	Hospital	Office Number	Name & Designation of Officer	Mobile Number
1	Jalpaiguri District Hospital	03561-232001	Dr. Jagannath Sarkar (CMOH)	9434145526 9434714890
2	Jalpaiguri District Hospital	03561-225380	Dr. Rudra Kumar Iswarary (Dy.CMOH-I)	9434413101
3	Jalpaiguri District Hospital	03561-224857	Dr. Nimalendu Ghosh (ACMOH, Sadar)	9434018169
4	Super Specialist Hospital, Jalpaiguri	8597965016	Dr. Gayaram Naskar (Supdt, Sadar)	9433039968
5	Mal S.D. Hospital	03562-257418	Dr. Tarak Barman (ACMOH, Mal)	9434370764
6	Jalpaiguri District Hospital	03561-228187	Dr. Gayaram Naskar (Supdt, Sadar)	9433039968
7	Jalpaiguri District Hospital	03561-228187	Basumita Addy (Asst.Supdt)	9051849504
8	Jalpaiguri District Hospital	03564-255085	Anirban Ghosal (Asst.Supdt)	9433095050
9	Mal S.D. Hospital	03562-256087	Dr. M.H. Ali (Supdt, Mal)	9732064759
Block BPHC Level Contact Number				
1	Sadar , BPHC	3561- 240236	Dr. Neyaz Ahamed (BMOH)	9641461509
2	Rajganj , BPHC	03561-254238	Dr. Subhodip Sarkar (BMOH)	9674195521
3	Maynaguri , BPHC	03561-233062	Dr. Arunava Das (BMOH)	7908844346
4	Dhupguri , BPHC	03563-250029	Dr. Sabyasachi Mandal (BMOH)	9830479695
5	Mal , BPHC	03562-255148	Dr. Priyanku Jana (BMOH)	8250648094
6	Matiali , BPHC	03562-260353	Dr. Soumen Dutta (BMOH)	9830642694
7	Nagrakata, BPHC	03565-272060	Dr. Abhishek Mondal (BMOH)	9874269678

10.10 Fire Station Information:

Sl. No.	Name of the fire station	Telephone Number
1.	Jalpaiguri	03561-230129
2	Maynaguri	03561-234888
3	Dhupguri	03563-250001
4	Malbazar	03562-255080
5	Siliguri fire Control	0353-2502222 /2501867

10.11 Detailed list of fire & emergency service for disaster mitigation efforts in Jalpaiguri

SL NO	NAME OF EQUIPMENT	Location	Name & contact no of the Nodal Officer	QUANTITY
01	Water tender	Jalpaiguri Fire & Emergency Service	Station –In-Charge 03561-229611	02 Nos
02	Utility Van			01 Nos
03	Portable Foam Carrier			01 Nos
04	Regular portable pump			01 Nos
05	Floating portable pump			01 Nos
06	Alloy Extn Ladder			03 Nos
07	B.A. Set			02 Pair
08	Extinguisher DCP 5KG			02 Nos
09	Extinguisher DCP 9KG			01 Nos
10	Extinguisher CO2 9KG			10 Nos
11	AFFF Extinguisher 9KG			08 Nos
12	Foam Extinguisher			08 Nos
13	‘ABC’ Extinguisher			01 Nos
14	Stretcher			03 Nos
15	Short branch			14 Nos
16	Different branch			04 Nos
17	Monitor branch			02 Nos
18	Inflating Emergency Light			01 Nos
19	Hand Gloves			04 Pairs
20	Generator			01 Nos
21	Battery Charger			02 Nos
22	Door Breaker			01 Nos
23	Hammer			05 Nos

Chapter 11

11. 1 Vulnerable Villages, Chars & Embankments that needs to be look into:

Dhupguri Block

Sl No	Name of the Gram Panchayat	Vulnerable Place	Name of the LinkMan & Contact Person	Nature of Flood	River	Approx. Population
1.	Sakoajhora-II	Malikpara, Malliksobha, Uttar Gossairhat, Sonakhali	Mahananda Bhattacharjee: 8116626554 Dipak Kr. Roy: 9641262948 Saerkar: 9733380517 Bhabesh Roy: 9735931339	Inundation & Water Logging	Dudua, Gilandi	5000
2	Gadong-I	Mundapara, Kholaiagram, Kazipara, Gadong, Khanertart	Ajit Roy: 7872845878	Inundation & Water Logging	Dudua, Gilandi Bamni	5000
3	Gadong-II	Jharsalbari, Pundibari, Jurapani	Pravakar Das :9932692569 Ashit Dutta: 9832699512	Inundation & Water Logging	Dudua, Gilandi Bamni	10000
4	Magurmari-II	Moinatali, P-Mallikpara	Krishna Kumar Sarkar: 9932875356	Inundation & Water Logging	Jaldhaka	5000
5	Salbari-II	Fatakari	Vimal Roy: 9734107394	Inundation & Water Logging	Jaldhaka	5000
6	Gadherkuthi	Kurshamari, Bogribari, Bhandani, Charcharabari	Tapan Roy: 9635283622	Inundation & Water Logging	Jaldhaka	12000
7	Barogharia	D.Khayarbari, Dambari, Vemtia, Boragari	Pratap Sarkar: 9832679868	Inundation & Water Logging	Jaldhaka, Kumlai, Jhumur	5000
8	Binnaguri	Premnagar, Netajipara, S.N.Colony	Abdur Razzak :9775755333 Bikash Kuzur: 7407191944 Fakruddin Ansari: 8001002441	Flash Flood	Hatinala	6000
9	Banarhat-I	Totapara, Karbala, Banarhat Town area	Bikash Kavar: 9609393351 Man Bahadur Chhetri: 9775869536	Flash Flood	Hatinala	15000
10	Sakoajhora-I	A. Ghosh Colony, Pradhanpara, Kalua Colony, Santinagar	Apu Ghosh: 7797959929	Flash Flood	Angrabh-Asha	15000
11	Banarhat-II	Reabari, Lakhipara, Kathalguri	Ashoke Oraon: 81166611977	Flash Flood	Hatinala	15000

Mal Block

Sl. No.	Name of GP	Name of vulnerable Villages	Approx population Likely to be affected	Cause of vulnerability	Nearest Contact Person	Phone no of contact person	River
1.	CHAPADANGA	South Basusuba, Kerani Para, Master Para, MoamariDurga Para, West Sangapara Pandit Para, Chatra Para	3000	Flash Flood	Ramanikanta Roy Dipak Roy Mrinal Sarkar Pinaki Maitra Ranjan Oraon	90916-24024 96414-19670 97359-08735 76790-89922 96749-52548	Teesta Dharala
2.	TESIMLA	Voaladhura, Kaliadaha Busti, Sardarpara Balkuline Thapa Busty, Master Para, Khalpara, Panchayat para, Panditpara	1000	Flash Flood Soil Erosion & Water Logging	Mousami Sarkar Manoranjana Barman Golejan Sarkar Amirul Haque	98327-11457 96410-07360 97492-21012 96793-85348	Neora Kumlai Mal
3.	KRANTI	Bhujaripara, Chowrangee, Gangadebi, Chikanmati, Uttar Saripakuri	1750	Flash flood & Water Logging	Bimal Mandal Santosh Sarkar Hirobala Sarkar Manik Saha Sanjib Sarkar	8348003785 9800019482 9735511858 9932297239 9002792774	Dharala
4.	KUMLAI	Nich Chalsa (Khalpara), Purba Damdim, Nepuchapur Cheldhura, Nepuchapur Basti, Bas Bari, Neora Basti, Sarkar Para, Kantadighi Kumar Para.	2000	Flash flood, Soil Erosion & Water logging	Abu Rabbani Somaru Roy Mukti Roy Ratan Lohar Satyabrata Sengupta Pinku Saha	9434184769 8509305060 8972423219 8967838346 9733037336 9232370228	Neora Chel Kumlai
5.	LATAGURI	Uttar Matiali, Majhabari, Panchayatpara, Uttar Jhar Matiali, Bherbheripara, Bishkhora, Soalmari para, Senpara	1250	Flash flood & Water Logging	Muni Roy Avijit Dey Tanmoy Chowdhury Runa Laila Pravin Dharani Roy Mamata Roy	99331-18533 98003-66550 97333-19980 7602609877 9933568410 8101520675	Neora
6.	BAGRAKOTE	Kalagaity, Leesh River(FulBari), Washa Kachan Basti(Dubow Busty), Bagrakote Chanmari.	1800	Flood & Water Logging	Saran Ghimirey Dulu Md. Sewan Maghi Bijay Thapa Amit Oraon Kaziram Sharma	9933469964 9593621745 7063386023 8116754441 7407430886 7407551666	Leesh Gheesh
7.	CHENGAMARI	Apalchand, Paschim Dolai Gaon, Purba dolai gaon (House Camp) Chengmari Dangapara, Koraibari JCTE, Golabari.	3000	Flood & Water Logging	Madhai Mandal Abdul Latif Paritosh Mandal Uttam Biswas Krishnapada Roy Osman Gani	9641956421 9734078138 9775812546 9775471975 9609709056 9593831363	Teesta Khulnai

8.	MOULANI	Chak Moulani, Adabari 20/232, Dakshin Chak Moulani 20/237, Dakshin Matiali 20/242, Bidurerdanga 20/244-45, Dakshin Matiali 20/240,241, Dakshin Jhar Matiali 20/233, Dakshin Chak Moulani 20/239.	500	Flood & Water Logging	Mahadeb Roy Basanta Kr. Roy	9832040925 9749086523	Dharala Baidyadangi
9.	OODLABARI	Turibari Busty, Manabari Busty, Manabari T.G., Depot Para, Chuya Busty, Gheesh Busty, Khudiram Pally, Subhash Pally, Gazaldoba.	3475	Flood & Water Logging	Sushil Sarkar Manik Biswas Dipankar Roy Shila Basak Chowdhary	9733225890 9832313363 9593849880 9433421345	Chel Leesh Gheesh Andhijhora
10.	RUNGUM UTTE	Sylee cheel line, TunBari T.G, New Glenco TG, Mal Nudy T.G.	400	Flood Due To Erosion Of River Bank	Pappu Islam Sudhangshu Biswas Trithankar Sarkar	9733444473 9434145501 9832339408	Mal Sukhajhora Paglajhora
11.	RAJADANGA	Baraghorla, KathamBari, Kodalkathi, Dakshin Hanskhali, Western side Nepuchapur, Dhala Bari.	2350	Water Logging & Flash Flood.	Amesh Kheria Shymal Kerketta Abed Ali	8145815207 9609759766 9735949389	Chel Kumlai Falijhora
12.	DAMDIM	Ranichera New Station Line, Guabari, BaluTukra Line, Damdim T.E. B.D Line.	450	Water Logging & Flash Flood	Kanta Kujur Rina Bara Tara Shaibya	9641339961 9609800550 7384864197	Chel Kali Khola.

Matiali

Sl No	Name Of Vulnerable	Vulnerability	Person with Contact No.	Name of G/P
01	Mithadhura, (Kharirar Bhandar)	Water logging(embankment may be breach by ghushing water of Kurti)	Sri Avtar Lama 9932096832 Jatir Ansari 9933070948	Matiali Batabari-I
02	Chawafally	Flood embankment may be breach by ghushing water of Nora/ Mal Nadi	Sri Ratish Oraon 8927341128 Ramesh Oraon 9609848963	Matiali Batabari-II
03	Purba Batabari	Water Logging by over flow of drain(as and when heavy down pour)	Abdar Rahaman 8972031147	Matiali Batabari-II
04	Uttar Dhupjhora Asgarpara	Water Logging by over flow of drain(as and when heavy down pour)	Monika Begum 7602734781	Matiali Batabari-II
05	Dakhin Dhupjhora	Water Logging by over flow of drain(as and when heavy down pour)	Mumpy Roy 7584012821	Matiali Batabari-II
06	Shalbari Bogiladhura / Baitaigol Busty / Jhirghadhura	Flood embankment may be breach by ghushing water of Nora Nadi	Niten roy 9641012097	Bidhannagar
07	Neora Majhiali	Flood embankment may be breach by	Lufta Begum	Bidhannagar

		ghushing water of Nora Nadi	9002459027	
08	Barodighi Busty	Flood embankment may be breach by ghushing water of Nora Nadi	Mojafur 8967040242 9002949030	Bidhannagar
09	Pashim Batabari	Flood embankment may be breach by ghushing water)	Ranjit Oraon 8116900389	Bidhannagar
10	Mathachulka	Flood embankment may be breach by ghushing water of Kurti Nadi	Jyotshna Begum 8170950753 Dulal Oraon 9635054637	Bidhannagar
11	Jahaj Busty	Laand Slide/ Soil erosion by Mal Nadi	Binod Mardi 8116917372 9735946679	Bidhannagar

Sadar

Sl No	Name of the Gram Panchayat	Vulnerable Place	Name of the LinkMan & Contact Person	Nature of Flood	River	Approx . Popula tion
1	Paharpur G.P	Premganj Char, Prodhan para, Dangapara, Kumarpada, Choto, Choudhurypara, Dethapara Bhouserbari, Tantipara, Hakimpara, Dingpara, Jaliapara, Rajepara, Chandiapara, Pareshpally, Subashnagar, Jelepada, Saradapally, TB Hospitalpara, Sanjoynagar, Indira Colony Bhagat Singh Colony, Dangapara, Balapara, Jamiderpara	Upen Ballb 8759457975 Sushil Das 8906762767 Shibu Mandal 9749925255 Md. Alauddin 9832361911 Swapan Das 8116653989 Wajed Ali 9749395942 Sabitri Barman 8509560061	Inundation & Water Logging, Flash Flood	Teesta & Karala	5,000
2	Patkata G.P	Teesta line I & II Kochkopara Mouamari Char Randhamali down area Dodaliar Char Thengipara Baniapara 2 no Subhasnagar	Bishnu Swasi 9933881373 Prabir Biswas 9932326091 Subodh Mistri 9593385551 Sudeb Mirdha 8016371584 Prabir Biswas 9932326091 Jiban Majumder7872827230 Md. Moniruddin 9734170970 Joydiop Roy 9733336937	Inundation & Water Logging, Flash Flood	Teesta	250 200 250 100 175 100 150 150
3	Baropetia Natunbos G.P	Bhakter Char, Nathuar Char, Jahamarir Char, Bodagunj, Sardarpara, Basuniapara	Pijush Das 953347374 Rakhal roy 8514091925 Sagar Das 9091624406 Jagadish Barman 9093103938 Ashu Das	Inundation & Water Logging, Flash Flood	Teesta	4,500

			8345834311			
4	Kharia G.P	Saradapally Vivekanandapally(E) Vivekanandapally(N) Vivekanandapally(S) North Sukantanagar South Sukantanagar	Dilip Mandal 9547146304 Subhsash Sing 9547474782 Kartick Biswas 8927792349 Gosta Mondal 9641633880 Rukmini Sarkar 8116430684 Narayan Roy 9635281810 Dilip Mandal 9547146304	Inundation & Water Logging, Flash Flood	Teesta & Karala Teesta Teesta Teesta Teesta Teesta	1450 1240 1040 1350 1550 2250 1450
5	Mandal Ghat GP	Motherganj,Moulavipara,Sanp ukripara	Sonaram Rishi; 9635219452 Nurul Islam: 9932980752 Manoranjan Das:9609756573	Inundation & Water Logging,	Teesta & Karala	5000
6	Boalmari- Nandanpur G.P	Bahir-e-Char, Bashkunthia, Nandanpur, Kachua, Boalmari, ROypara	Sanjiban Sarkar 9641578055 Charan Mandal 9800471055 Jiten Biswas 973336722 Kalicharan Tantra 9749324471 Harekrishna Majumder 9641741154 Suranjan Sarkar 9933803903 Mrinal Roy 9002310014	Inundation & Water Logging, Flash Flood	Teesta	6000

Rajganj

Sl No	Name of the Gram Panchayat	Vulnerable Place	Name of the Link Man & Contact Person	Nature of Flood	Name of the Rivers.	Population likely to be affected
1	2	3	4	5	6	7
1	MANTADARI	Takimari – I & II, Milanpally (North & South), Dudhia, Maharajghat, Nadhabari, Basiakhawa.	Ranjit Kumar Biswas 9932387713 Nirmal Soren 9735500093 Debcharan Roy 8016877672 Umesh Roy 9832619671	Flash Flood	Teesta & Karala	2,500
2	BINNAGURI	Banbhasa, Adarshapally, Krishnanagar Colony, Shelterbari & Farabari.,Paglu Para,Saheb Para,Velki Para, Chakiavita Haricharan Vita	Alok Das 9733325345 Sanjoy Bose 9800265009 Shiv Sankar Guha 9126419641 Akhil Majumder: 9749361802 Sudip Kr. Oraon 9800781691	Inundation & Water Logging	Sahu, Kartowa & Ajajajhora	1,800

3	FULBARI – I	Porajhar, Kamrangaguri, Nowkaghat, Ambikanagar, Salban, Shantipara & Nowapara.	Jeeban Kr. Das 9641009741 Kalindra Nath Roy 8509007509 Mangal Ch. Barai: 9475914527 Sebak Acharjee 9641952541	Inundation & Water Logging	Jorapani, Fuleswari, Sahu & Mahananda	2,800
4	FULBARI – II	Paschim Dhantala, Purba Dhantala, Putimari Danga Para, Kanchanbari, Mamatapara	Pranab Mukharjee 8967422594 Sudipta Majumder 9434174974 Pradip Bhoumik 8016846737 Sudip Bhattacharya 9002799622 Swapan Kr. Dutta 9679810720	Inundation & Water Logging	Mahananda & Fuleswari	3,600
5	DABGRAM – I	Singijhora, Betgara, Demdema, Samarnagar, Majhua, Turibari & Chumukdangi.	Mrinmoyee Sarkar 9002118221 Dipenkar Saha 9434603341 Kousik Sen 8389845717 Tanmoy Karmakar 9832353005 Rajdeep Modak 9832158697	Flash Flood	Mahananda, Gulmna, Teesta, Sahu, Rimai Singijhora.	6,500
6	DABGRAM - II	Shantinagar, Ashighar, Majhabari, Fakdaibari, Baribhasa, Chayanpara & Ektiasal.	Rajib Dukpa: 9851009931 Neelam Lama 9474630021 Ramen Roy 9933164378 Tapas Bhoumik 9832687448 Promod Roy 9733464004 Animesh Das 7679164652 Supratik Roy 9474591277	Inundation & Water Logging	Jorapani, Fuleswari, Sahu & Mahananda	7,200
7	SUKHANI	BABUPARA, SUBHASH PALLY, SAUDAVITA, SAHEBPARA	Pampa Dey 9434633565 Amitava Chakraborty: 9474591516 Dipali Roy: 9547404211 Narayan ch. Baniya: 8972599161 Ranewar Paul: 9635642517	Water Logging	Karatowa	50

Nagrakata

SI No	Name of the Gram Panchayat	Vulnerable Place	Name of the Link Name & Cont Person	Nature of Flood	River	Approx. Population
1	Angrabhasa I	Kherkata(Kalabari), Hridaypur, Upper Kalabari	Sri Bishtu Kharia -97754-03913, Smt. Parbati Chhetri,- 99325- 93117, KhairulBasar - 94746-26176, Sri BaburamLohar,- 97331-21893,	Inundation & Water Logging,River erosion	Diana	5000
2	Angrabhasa II	Angrabhasa (North), Dhondasimla, Dhumpara, U/Nunkhawadanga, Majhiali& Adjacent Areas.	Sri. Dayal Roy 90028-01545 , Smt.Debasree Roy (Adhikari) 97337-09126, Sri Pinaki Roy – 95633-50861,	Inundation & Water Logging,River erosion	Diana,Jaldhaka, Rangati	7700

			Sri Haresh Ch. Roy- 96097- 85768			
3	Sulkapara	Chhartandu, Ghasmari Khairbari	Firoj Nur Patowari- 95474-86684, Sri Anand Toppo- 86700-36240, Sri Bappaditya Aich- 94744-15795, Juber Ahmed- 9733252442, Prasanta Ghose- 8609019001	Inundation & Water Logging, River erosion	Jaldhaka, Ghatia, Kuchi Daina, Tanatani	5500
4	Champaguri	Bhagatpur, Basbari Line, Bhagatpur Madhya Line, Kalibari Line	Smt. Rinku Nag- 99331-83906, Sri Sohanlal Oraon - 97340- 92709, Md. Umar Faruq Sarkar - 9933876226, Md. Samim Siddique, -99330 39363	Flash Flood	Sukhani, Kurti	5000
5	Looksan	Looksan Bazar Area.	Sri Amar Tirkey- 99328 95542, Smt. Munni Sabar -98002-18626, Sri Debasish Bondya- 94745-92236, Sri Santanu Ghosh- 9434600122, Sri Bipin Biswas- 9933891172	Flash Flood	Kuchi Daina	5500

Maynaguri

Sl No.	Name of the Gram Panchayat	Vulnerable Place	Name of the Link Man & Contact Persons	Nature of Flood/ Cyclone	Name of the Rivers.	Approx. Population
1	Domohani-I	Chatrarpar, Barmanpara, Sarkarpara, Daspara, Kanthalbari (part) Uttar Mouamari	Executive Assistant 9933889863 Secretary 9126639519 Nirman Sahayak 9832091928 03561-233145(GP Office)	Overflow at Teesta River	Teesta	11939
2	Barnesh	Uttar Marichbari Ullardabri Sishubari Dangapara Barnesh	Executive Assistant 9093182639 Secretary 9126017657 Nirman Sahayak 8906668500	Natural Calamity (Cyclone)	-----	17847
3	Dharmapur	Dak Dharmapur	Executive Assistant 9832069681 Secretary 9474092492	Overflow at Teesta River	Teesta	8353
3	Padamati-I	Uttar Padamati Char Dharparu Char	Executive Assistant 9434368130 Secretary 9733049051 Nirman Sahayak 9126015188	Overflow at Teesta River	Teesta	4537
5	Padamati-II	Dakshin Padamati	Executive Assistant	Overflow	Teesta	3517

		Char Matiar Char Bahir Char(Boalmari) Khatasherbari Char Guabari Char	9733241545 NirmanSahayak 9475140316	at Teesta River		
6	Ramsai	Purba Dobbari Ramsai Char	Executive Assistant 9593808460 NirmanSahayak 9933441380	Natural Calamity (Cyclone)	-----	2089
7	Amguri	Dhowalguri Betgara Purba Barogilla	Executive Assistant 8436171964 NirmanSahayak 9434677182 03561-206552/203229(GP Office)	Natural Calamity (Cyclone)	-----	11369
8	Churabhandar	Char Churabhandar Bideshipara	Executive Assistant 9733266358 Secretary 9563019817 NirmanSahayak 9832090227	Natural Calamity (Cyclone)	-----	4576

Chapter-12

12.1 Mainstreaming Disaster Risk Reduction into Developmental Process

Concept on Mainstreaming:

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

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

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

Sector specific Plan of Action on mainstreaming:

Sectors	Responsible Department/s (including Zilla Parishad & Institutions)	Components
Infrastructure: Public Works, Roads and Construction	PWD, Zila Parishad, Panchyat-Samity, Block Programme Officer,	<ul style="list-style-type: none"> - Promote use of hazard risk information in land-use planning and zoning regulations - Conduct disaster risk impact assessments as part of the planning process before the construction of new roads or bridges
Housing: Urban and Rural Housing Development	District Magistrate (Disaster Management Cell) by providing House Building Grant.	<ul style="list-style-type: none"> -Use of hazard-resilient designs (e.g. flood proofing, or seismic safety) in rural / urban housing programmes -Promote utilisation of national building codes that have special provisions for enhanced design standards for buildings in areas affected by natural disasters. -Ensure compliance and enforcement of local building laws (Amended Municipal Act 2007)
Health	CMOH, Dy.CMOHs & BMOH, and all the staffs of Health Department with in District.	<ul style="list-style-type: none"> -Identification of existing & upcoming hospitals and health facilities that are located in hazard-prone areas, analyse their internal and external vulnerability -To prepare and implement a Hospital Preparedness Plan for all health facilities during emergencies.

Agriculture	Department of agriculture. Along with District Disaster Management Cell.	<p>-Promotion of effective programs of contingency crop planning to deal with year to year climate variations.</p> <p>-Promotion effective programs of crop diversification including the use of hazard resistant crops, to deal with shifts in climate patterns.</p> <p>-Ensuring sustainable livelihoods in areas of recurrent climate risks (i.e. drought zones, flood and cyclone prone areas) by promoting supplementary income generation from off-farm (e.g. animal husbandry) and non-farm activities (e.g. handicrafts).</p> <ul style="list-style-type: none"> • Promotion effective insurance and credit schemes to compensate for agricultural related damage and losses to livelihoods due to natural hazards
Education	District Disaster Management Cell.	<p>-To incorporate / practice DRR component into the school.</p> <p>-To construct all new schools located in hazard-prone areas to higher standards of hazard resilience</p> <p>-To add features in schools in hazard prone areas for use as emergency shelters such as facilities for water, sanitation, cooking and ramp etc.</p>
Financial Services	District Disaster Management Cell.	<p>- Promotion women self help groups for risk transfer through micro finance</p> <p>-Incorporation of provisions in micro-financing schemes to have flexible repayments schedules that may be activated for recipients being affected by natural disasters.</p> <p>-Encourage the financial services sectors and local capital markets to develop schemes for financing disaster risk</p>

		reduction measures
Carrying out of cross-sectoral risk analysis	District Disaster Management Cell.	Promotion of Cross-sectoral risk analysis necessity at district level (for example, if a highway project is being implemented, attempts must be made to assess the change in the hydrological regime and its impact on soil erosion and land sliding.)
Implementation of techno-legal regime	District Disaster Management Cell.	<p>-Introduction of techno-legal regime in rural areas through Panchayat</p> <p>-Implementation of Amended Municipal Act 2007</p> <p>-Implementation of West Bengal Town and Country Planning Act</p> <p>- Implementation of the Forest (Conservation) Rules, 2003.& Environmental Protection Act</p>
Private-Public Partnership	District Disaster Management Cell.	Promotion of Public-Private partnership in response, mitigation & recovery phases of disaster management or capacity building in the district
Research and development:	District Disaster Management Cell.	Undertaken or planning for any R&D in earthquake, flood, drought, climate change, industrial, disasters, etc.
Awareness generation, training and capacity building	District Disaster Management Cell.	<p>-Awareness generation through multi prong Approach</p> <p>-Training & Capacity Building on mainstreaming DRR by Govt. line Deptt and NGOs</p>
Knowledge & information sharing network	District Disaster Management Cell.	<p>-Formation of Inter Agency Group for DRR</p> <p>-Any knowledge management web-portal / journal / bulletin</p>

Chapter 13

13. Standard Operation Procedures (SOPs)

13.1. ACTIVITIES TO BE UNDERTAKEN PRIOR TO ONSET OF MONSOONS

- Re-assessment and strengthening of information network along with identification of key persons (with mobile numbers) specially in the vulnerable GPs likely to be affected in case of any calamity.
- Conduct of meetings of Sub-Divisional Disaster Management Committee and Block Disaster Management Committee before 8th of June 2018 with an intimation to the District Magistrate, Jalpaiguri.
- A clear plan of action should be in place as and when any such eventuality takes place rather than sit to plan things when the damage is done.
- Ensuring active sharing of information with all line departments.
- 24X7 round the clock Control Room/ EOC will be in operation on & from 1st June 2018 at the District Disaster Management Section headed by an Officer (O/C Disaster Management/ DDMO/ SDDMO, Sadar).
- The Search & Rescue Team (Civil Defence) will be kept ready for 24X7 at the Sadar Sub-Division with necessary logistic support.
- Control room setup at all the Blocks and Mal Sub-Division must play an important role in gathering and dissemination of any such information received, those manning the control rooms should have a readily available list of important contact persons as well as the phone numbers. They should be apprised of about their duties and responsibility should be fixed up in case of negligence of duty.
- Existing flood shelters have been listed, however if any new such shelters have been identified then the same is to be intimated to the District Head Quarter.
- Re-verification of country boat owners along with the contact numbers at the Block level.
- 1) Checking of embankments specially Rangdhamalli over river Teesta. 2) Embankments over river Karala to prevent water logging within the wards of the Jalpaiguri Municipality area. 3) embankment covering village i.e. Basusuba, Barmanpara, Domohani, Mangupara Kalimandirpara, of Mal & Maynaguri Block.
- Checking of drinking water facilities provided by different department i.e PHE, blocks into the area affected by changing course of river Teesta in year 2015.
- All the Blocks & Sub-Divisions should send CA-II Report in prescribed Format regularly on & from the onset of monsoon.

- Compiled CA-II of concerned Blocks & Municipality/ SMC by both the S.D.Os. should reach to the District Head Quarter by 10.00 a.m. regularly (including Saturdays, Sundays & other holidays).
- The CA-II report must consist the cumulative figure.
- Based on the CA-II reports, actual position of loss, damages, and relief measures undertaken is calculated.

13.2. DEPT. OF HEALTH

- A District Level Rapid Response Team (RRT) constituted
- A round the clock control room will be in operation as and when required at the office of the Dy. CMOH-II (Telephone: 03561-230255)
- The BMOHs of the blocks will be in charge of the block level RRT. They will take members from health and other allied departments as members of the team.
- The workers of the health department will follow the Standard Operating Procedures (SOPs) in emergencies. It will follow the search, rescue, first aid and treatment guidelines. All injured/affected persons (patients) will be identified and they will be managed according to the available resources.
- The patients will be classified according to the severity of the case and TRIAGE method will be followed in the sites. The staffs of the health department will try to identify the dead and assist the others in the removal, shifting.
- During flood and if required the health facilities will be shifted based on past experience.
- All district level officers such as Dy. CMOH-I, II & III, ZLO, DMCHO, DTO, ACMOHs of the sub divisions will supervise the assigned affected blocks.
- The Health Department will have stored sufficient quantities of drugs, equipment's and vaccines for utilize during the calamity. Indent will be placed to the Dy. CMOH-I for necessary action.
- The BMOHs advised to discuss with the block level administration and the PRI to finalise the alternative place to run the health facilities.
- The district administration is requested to advice the block administration to keep a close liaison with the health department officials at the block level.

13.3. D. I. B, POLICE

- Police personnel will remain alert to keep vigil against antisocial activities.
- To maintain law and order in and around sheltered areas.
- Intensified patrolling

- After disaster, prepare a record of missing people and inform the report to the Block Development Officer of the Block.

13.4. WBSSEDCL

- Well circulated plans to meet up the exigent situation
- Availability of sufficient stock of materials required for restoration work
- Identification of key personnel
- Delegation of Powers to the respective authorities for disaster mitigation
- Sufficient communication mechanism amongst different groups of people engaged in disaster mitigation
- Availability of sufficient sand bucket, foam and other fire extinguishing equipment's at appropriate places
- Regular follow-up of weather report particularly during summer and monsoon.

13.5. DEPT. OF AGRICULTURE

Early Flood

- Drain excess water after recession of flood.
- Preserve extra amount of short duration HYV seeds for raising second seed bed. The WBSSC Ltd. May be requested to keep a buffer stock of short duration HYV seeds to combat the situation.
- Raised seed nursery in up land condition as a community nursery bed.
- Seed bed to be raised in the Govt. farms for distribution of seedling to the affected farmers one acre in each farm.

Late Flood

- Gap filling of the standing crops should be done with splitted tillers from other fields where feasible & possible.
- Top dressing with additional dose of “N” @ 20 Kg. /Ha. Should be done upto PI stage of crop growth.
- There should be enough stock of plant protection chemicals to combat with the pest menace if it is necessary.
- It is desirable to make plan of extensive Rabi crops cultivation programme where there will be no scope for alternate cropping to compensate the loss sustained by flood during Kharif season.
- The farm grown straw will be reserved for fodder.

13.6. DEPT. OF FISHERIES

Rescue and Transportation

- Officials posted in Blocks viz. Fishery Extension Officer (FEO)/ Fishery Field Assistant (FFA) will do rescue and transportation works under supervision/ direction of Block/ Panchayat Samity administration.

Relief/ Assistance works to be done if flood happens

- On assessing the quantum of damages occurred due to flood/ heavy monsoon by the block level officers posted in the Block.
- A consolidated report to that effect will be sent to the department and as well as to the District Administration for the sanction for the purpose of relief measures to be given to the affected fish farmers chiefly in the form of live fishes and lime (Minikit).

13.7. P.W.D. (ROADS), Jalpaiguri Highway Division

- All the roads and bridges under jurisdiction of this Division are checked on regular basis and accordingly required step for its rehabilitation is taken by the Department.
- In normal, condition maintenance of roads and bridges are done by calling NIT/NIQ normal tender notice and work is executed by the lowest bidder of work is executed by inviting NIT/NIQ with short notice period.
- At present no such any special program toward widening and removing of encroachment is required and it will be informed later on if such program is required.
- Till now no roads/ bridges under this Division have been identified as affected due to natural disaster like flood, cyclone or earthquake.
- During execution of emergent nature of work at the time of natural disaster the major problem face is public gathering and law and order situation and some time shortage of required working materials.
- As mentioned above a disaster management committee has been formed for execution of any emergent nature of work and looking after the prevailing situation during the natural disasters.

13.8. DEPT. OF ANIMAL RESOURCE DEVELOPMENT

Preparedness in Anticipation

- Keeping all the departmental staff ready for responding to any such incidence, immediately.
- Advance procurement and storage of essential inputs to save the affected livestock viz. medicines, vaccines, disinfectants etc.
- Pre-monsoon mass vaccination against major Livestock diseases in endemic zone.

- Early detection of causative agent(s) of animal disease (s) outbreaks and launching prescribed control measures including implementation of strategic preventive vaccination, if required.
- Mass awareness on diseases highlighting especially on their preventive measures and importance of adoption of Biosecurity.
- Augmentation of the practice of livestock and poultry bird insurance.
- Periodical training of the departmental staff and Officers to refresh their knowledge about various animal diseases and Standard Operating Procedure (SOP) for responding to combat any animal disease outbreak.

Immediate Action

- Prompt investigation of any outbreak of disease utilizing the available laboratory facilities. Determination of focal points and population at risk.
- Opening of Control Room at the affected Block (BLDO Office) & at the District Head Quarter.
- Organization of sufficient Nos. of health / vaccination camps.
- Deployment of additional staff, as per necessity.
- Assessment of loss [No. of livestock / poultry birds affected (species-wise) and death (species-wise)]
- Restriction of movement of Animals or Animal products.
- Initiation of Carcass removal with the help of Carcass removal Team or similar such organization or Civil Defense organization and improvement of Biosecurity.
- Selective culling of affected animals and poultry birds, if situation so demands.
- Cleaning & Disinfection operation.
- Special emphasis shall be given for dealing with cases of zoonotic diseases, if flares up, with the assistance of Health & Family Welfare Department.

Additional activities to be performed in cases of natural disaster -

- Creation of temporary shelter for livestock with the assistance of the Block administration at the time of natural disaster.
- Assessment of the requirement of straw, concentrate feed, fodder, medicines, vaccines etc. and arrangement for procurement of the same at the time of natural disaster.
- Distribution of need based relief to the affected livestock owner with the help of Panchayet & local administration.

Post Disaster Management

- Post operative surveillance for persistence of the identified disease.
- Economic rehabilitation of affected livestock farmers.

Chapter-14



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

Do's	Don'ts
<ul style="list-style-type: none">• Convening a meeting o the District Level Committee on Natural calamities.• Functioning of the Control rooms.• Closure of past breaches in river and canal embankments and guarding of weak points.• Rain recording and submission of rainfall reports.• Communication of gauge readings and preparation of maps and charts Dissemination of weather reports and flood bulletins issued by the meteorological centers, Central Water commission, Flood forecasting Organisation.• Installation of temporary police wireless stations and temporary telephones in flood prone areas• Storage of food in interior vulnerable strategic and key areas• Arrangements for keeping the drainage system desalted and properly maintained• Agricultural measures• Training in flood relief work• Organisation of relief party's Alternative drinking water supply arrangements.• Arrangements for keeping the drainage system desalted and properly maintained.	<ul style="list-style-type: none">• Organizing shelter for the people in distress in case the efforts of the civil authorities are considered inadequate, army assistance should be requisitioned. Relief measures by non-official and voluntary organizations may be enlisted as far as possible• Provision of basic amenities like drinking water, sanitation and public health care and arrangements of cooked food in the relief camps.• Making necessary arrangements for air dropping of food packers in the marooned villages though helicopters establish alternate communication links to have effective communication with marooned areas.• Organising controlled kitchens to supply foods initially at least for 3 days. Repairs and reconstruction of infrastructure facilities sush as roads, embankments, resettlement of flood prone areas.• Rehabilitation of homeless.• Organise relief camps• Grant of emergency relief to all the affected people.• Relief for economic reconstruction, Health measures.

কী করবেন

বন্যা

- সুরক্ষিত উঁচু জায়গায় আশ্রয় নিন।
- ব্যাটারীচালিত রেডিও ব্যবহার করুন।
- দুর্যোগবর্তা শুনলে শুকনো খাবার, জল, জ্বালানীর আয়োজন করে নিরাপদ জায়গায় সরিয়ে রাখুন।
- ওষুধপত্র, জল পরিশোধনকারী ট্যাবলেট, টর্চ, দেশলাই, হ্যারিকেন মূল্যবান কাগজপত্র প্লাস্টিকে মুড়ে হাতের কাছে রাখুন।

কী করবেন না

- বাসি খাবার খাবেন না।
- কুয়ো বা পুকুরের জল না ফুটিয়ে খাবেন না।
- গুজবে কান দেবেন না ও গুজব ছড়াবেন না।
- কোনো ধরনের বৈদ্যুতিক যন্ত্রপাতি ব্যবহার করবেন না।
- জানালা দরজা খোলা রাখবেন না।



Department of
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b) Operational Guidelines of what to do in the event of a Cyclone

Do's	Don'ts
<ul style="list-style-type: none"> • Check your house, repair doors and windows, where ever necessary Keep a Hurricane Lantern filled with kerosene, flashing, match boxes, candles and enough dry cells • Make sure that your radio set is fully serviceable. Keep an extra set of batteries ready for transistor. • Keep your radio set on and listen to the latest weather warnings and advice from the nearest. All India Radio Station. Pass the information to others (by word of mouth. Don't venture into the areas where streams or rivers flow, high water due to heavy rains, may surge. • Bolt up glass windows and put shutters in place. • Get extra food stored, particularly that type which does not require cooking such as, Flat, Rice, Sattu (pulse powder). Store extra drinking water. • When you are moving to a shelter move your valuable articles to upper floors or tie lit to the roof so that these would not be submerged. Make provisions for children and old people requiring special diets. • Be clam. Your ability to meet an emergency will inspire and help others. • Stay in the shelter, as long as you are informed to do so. • While in the shelter, follows the instructions of Personnel-in-charge. 	<ul style="list-style-type: none"> • Do not keep loose objects like cans, tins and other implements. They may become weapons of destruction during strong winds. • Do not spread rumours, not listen to them, only official version of the warnings may be listened to through Radio. • Do not stay in your house, when advised to vacate by authorities, especially when your house is located in a low-lying area. You may run the risk of being marooned. • Do no venture out, if the weather suddenly clears during a storm as indicated by a full in the wind and rain. Remember strong wind will return equally suddenly from the opposite direction with even greater velocity. This happens when the eye of the storm passes over your area. • Avoid any loose wires, hanging from the poles to avoid electrocution. • Drink only safe water. • People should keep away from disaster areas, unless they are required to assist. • Anti social elements should be prevented from doing mischief. • Houses and dwellings should be cleared of debris. • The losses should be reported to the revenue authorities. • Relatives should be promptly informed about the safety of person in the disaster area.

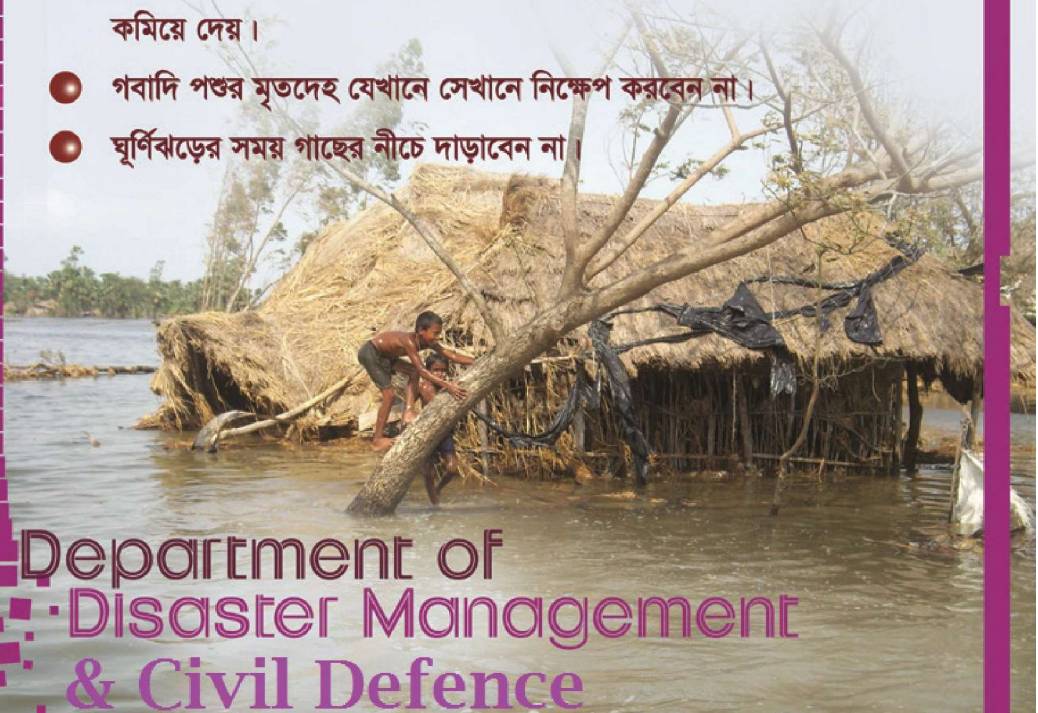
ঘূর্ণিঝড়

কী করবেন

- শিশু মহিলা ও অসুস্থ মানুষদের নিরাপদ স্থানে সরিয়ে নিয়ে যান।
- নিয়মিত রেডিওর খবর শুনুন।
- জানালা ও দরজা বন্ধ করে রাখুন।
- প্রয়োজনে আশ্রয়কেন্দ্র বা নিকটবর্তী পাকা বাড়িতে আশ্রয় নিন।
- সাইক্লোনের পরবর্তী সময় বর্জ পদার্থ নির্দিষ্ট জায়গায় ফেলুন।

কী করবেন না

- অকারণ আতঙ্কগ্রস্ত হবেন না বা গুজব ছড়াবেন না।
- উপকূল অঞ্চলে ঝুঁকিপূর্ণ এলাকায় বাড়ি নির্মান করবেন না।
- গাছ কাটা বা জঙ্গল ধ্বংস করবেন না। কারণ গাছের সারি ঝড়ের আঘাত কমিয়ে দেয়।
- গবাদি পশুর মৃতদেহ যেখানে সেখানে নিক্ষেপ করবেন না।
- ঘূর্ণিঝড়ের সময় গাছের নীচে দাড়াবেন না।



Department of
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CYCLONE DO'S AND DONT'S

Pack essentials for yourself and your family to last a few days. These should include medicines, special food for babies and children or elders.



Store extra drinking water in suitably covered vessels.



Listen to the radio (All India Radio stations give weather warnings). Keep monitoring the warnings.



Ensure that your hurricane lantern, torches or other emergency lights are in working condition and keep them handy.



If your house is securely built on high ground take shelter in the safe part of the house.



Switch off the electrical mains in your house.



Board up glass windows or put storm shutters in place.



   /AkashvaniAIR

c) Operational Guidelines of what to do in the event of a Heat wave.

Do's	Don'ts
<ul style="list-style-type: none">• Drink safe purified water or bleached water.	<ul style="list-style-type: none">• Do not drink unpurified water or pond/river water.• Do not misuse water.



d) Operational Guidelines of what to do in the event of a Drought

Do's	Don'ts
<ul style="list-style-type: none">• A detailed contingency plan for supply of drinking water in rural areas to be formulated with technical help from the Central Ground Water Board and utilizing, if required, the rigs and other capital equipment from the CGWB.• Adequate plans to be made in the supply of drinking water in urban areas through bores, tankers, special trains and other suitable measures.• Continuous monitoring of rural and urban drinking water availability in drought affected areas.• Preparation of a water budget for each irrigation reservoir covering drinking water, kharif and rabi requirements and capping damage to ground water regime. Regulating supply to water –intensive industries, if necessary.• Minimizing evaporation losses in tanks and small reservoirs by using chemical methods, subject to Health clearance.	<ul style="list-style-type: none">• Assessment of fodder requirement in drought affected districts and locate areas where shortages are likely to occur and arrange for supplies from outside.• Monitoring the prices of fodder in selected places/ markets.• Arrange to procure fodder in selected outlets.• State Forest Department to arrange for the cutting and bailing of grasses in the forest, wherever possible to meet the demand from fodder deficit districts. Fodder cultivation to be encouraged wherever feasible.• Ensure supply for molasses to cattle feed plants.• Obtaining from premixed feed and ureamolasses bricks to the extent necessary. Improper land use practices such as heavy tilling, agricultural practices and settlement patterns have contributed to creep and withdrawal of support in many cases.

e) Operational Guidelines of what to do in the event of an Earthquake

Do's	Don'ts
<ul style="list-style-type: none"> • Enrolment of volunteers trained for basic first aid instructions and relief and rescue operations. • Assess the magnitude of problem likely to arise. Carry out studies on possible scenarios of future earthquake to point out gaps in planning and preparedness. • Allotment of responsibilities of officials and non-official's agencies. Coordination of relief and rescue organizations. Identification of search and rescue teams. Assistance from defense services. Resource evaluation regarding manpower, equipment, transport, hospitals, fire fighting units and so on. • Draw hospital contingency plan. Mobile field hospitals and surgical units. • Construction of demonstration earthquake resistant houses suited to the region. • Assess vulnerability of structures and retrofit and strengthen weak structures. Draw education programs for general masses and school children. Make posters, handouts, films, TV programme, press notes etc. • Train administrators, engineers and masons about earthquake resistant construction. • Collect earthquake motion data by suitable instruments. • Enforce building codes for new construction. While constructing new buildings, follow building codes and other sound practices to minimize earthquake hazards. Build on firm ground or go right up to the bed rock level when laying foundations. Avoid filled up areas for construction as far as possible. 	<ul style="list-style-type: none"> • Check for injuries for not attempt to move seriously injured person unless they are in immediate danger of further injury. • Check for fires. • Wear shoes in all areas near debris and broken glass. • Check service lines and appliances for damage. Do not use matches or lighters until it has been established that there are no gas leaks. • Draw moderate quantity of water in case service is disrupted. • Do not draw large quantity as this could interfere with fire fighting operation. • Do not eat or drink anything from open containers, specially near shattered glass be prepared for additional earthquake shocks • Respond to requests for help from civil, defense, fire services, police and home guards • Do not crowd damaged areas unless help has been requested. • Cooperate with the public safety officials. Do not spread rumors; they often do great harm following disasters. • Disposal of dead bodies. • Provide emergency shelter and medical aid. • Repair / replacement and restoration of damaged structures/ equipment. • Damage survey-documentation of damage and scientific data. • Rehabilitation and reconstruction of new earthquake resistant construction



কী করবেন

ভূমিকম্প

- ভূমিকম্পের আভাষ পাওয়া মাত্রই ঘর থেকে বেরিয়ে আসুন।
- ঘর থেকে বেরোনোর সময় না পলে ঘরের কোনায় কোনো মজবুত পিলারের কাছে দাঁড়ান।
- খোলা মাঠে বা ফাঁকা জায়গায় গিয়ে দাঁড়াবেন।
- টিভি, ফ্রীজ, গ্যাস বন্ধ করে রাখুন। কেবলমাত্র ব্যাটারীচালিত রেডিও ব্যবহার করুন।
- বাড়ি করার সময় ভূ-কম্প রোধক প্রযুক্তি ব্যবহার করুন।

কী করবেন না

- কাঁচের দরজা, জানালা, আলমারী থেকে দূরে থাকুন।
- বাড়ি থেকে বেড়িয়ে এসে কোনো উঁচু ভাঙা বাড়ি বা ইলেকট্রিক পোলের সামনে দাঁড়াবেন না।
- ভূমিকম্প চলাকালীন চলন্ত গাড়িতে থাকবেন না।
- ভূমিকম্পের সময়ে সিঁড়িতে বা বুলবান্দায় থাকবেন না।
- ভাঙা জিনিষপত্র বাইরে খালি জায়গায় ছুঁড়ে ফেলবেন না।

Department of
Disaster Management
& Civil Defence



Government of West Bengal

Safety Measures during lightning/thunderstorm

Outdoor



Take refuge in a house. Preferably in a pucca house.



Stay away from snapped electrical wires.



If working outdoor or in a field without a shelter, squat to the ground level, but don't lie down and sit in a cramped position.



Stay away from water bodies.



If one is in a vehicle, roll up the windows.



Keep a safe distance from the electrical wires and post.



Don't take shelter under a tree. Keep a safe distance of at least 13 feet from trees.



Avoid fishing during a thunderstorm.

Indoor



Remove all electronic gadgets from the plug point.



Have proper earthing in your house.



Stay away from roof-tops, windows and balcony.



Don't use electrical and electronic gadgets.



What will you do for those affected by lightning strikes?



- Quickly consult the doctor and call the ambulance
- It's safe to touch a thunderstruck person, provide first aid immediately
- In a humid place, don't make the injured person lie directly on the ground/road, keep an insulating layer between the person and the ground to prevent Hypothermia (excessive fall in body temperature)
- Try using mouth-to-mouth resuscitation to resume respiration
- Check for other injuries / burn / physical amputation / loss of hearing / loss of eyesight and give first aid



Department of Disaster Management & Civil Defence, Government of West Bengal

In an emergency you and your household need to be self-sufficient for 3 days.

PLAN



Make an
emergency plan

PACK



Pack an
emergency kit

LISTEN



Stay
informed

Emergency kit checklist

Collect the following items and keep them in a sturdy, easily transported bag or box. In a disaster make sure your emergency kit is in easy reach.

- ☐ Battery-operated radio (with spare batteries)
- ☐ Torch (with spare batteries)
- ☐ Candles, lighter and waterproof matches
- ☐ First aid kit and manual
- ☐ Combination pocket knife
- ☐ Portable (gas) stove with fuel
- ☐ Cooking gear
- ☐ Water in sealed containers (10L per person)
- ☐ Medications
- ☐ Toiletry and sanitary supplies
- ☐ Change of clothes and strong shoes
- ☐ Non-perishable food (cans) - enough for 3-4 days
- ☐ Can opener and utensils
- ☐ Special needs for infants, the aged and people with disabilities
- ☐ Pet food, water and other animal needs
- ☐ Tent or tarpaulin, and blankets
- ☐ Other camping equipment
- ☐ Cash (ATMs may not be working)
- ☐ Personal documents (insurance certificates, photographs etc)
- ☐ Strong plastic bag (for clothing and valuables)
- ☐ Emergency phone numbers

Toll free

