

District Disaster Management Plan 2018 BANKURA



Office of the District Magistrate, Bankura
District Disaster Management Cell

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INTRODUCTION

Bankura though being a rain fed district, it is widely known as the drought prone district of the State. Drought is a regular feature in the North-West part of the district covering Chhatna, Saltora, Gangajalghati, Barjora, Bankura-I, Bankura-II, Mejia, Indpur, Hirbandh & Ranibandh Blocks.

Though this district receives good amount of rainfall, around 1400 mm. annually, is received per year yet cultivation and production of crop primarily depends on constricted period of erratic rainfall. About 80% to 90% rainfall is generally received by the district from June to September depending on the onset of monsoon.

A conspicuous feature of this district is the absence of significant rainfall in the month of September and October. High runoff rate of rain water, inadequate storage facilities of the surface – runoff and low water holding capacity of the soil accelerate the drought situation.

High run off because of undulating terrain and lack of proper water-harvesting & micro watershed developments makes situation more pre-carious.

After the arrival of monsoon the district registers many cases of flash-flood and inundation of many low-lying areas of the district like a part of Mejia, Barjora, Patrasayar, Kotulpur, Indus, Sonamukhi, Raipur, Sarenga Blocks adjoining the major rivers & tributaries flowing through the district like Damodar, Dwarakeswar, Kangsabati, Shali and others.

There is no drainage problem in the district due to its undulating topography, yet the incidence of flood is not uncommon, due to siltation of rivers resulting in overflowing in case of heavy rain.

However, heavy rainfall in the district & in the upper catchment areas of Damodar River, coupled with breaches of river embankments and release of excess water from Kangsabati and D.V.C Irrigation Project inundate Khariff Cropped areas in different parts of the district specially, in the Bishnupur Sub-division. That results in loss of crops, damage of houses and other properties.

Flood or flood like situation has attributed a new dimension to soil erosion by formation of “GULLY” due to tendency of the river (specially Shali at Sonamukhi & at Patrasayer block) to change its course of direction. This problem may interfere with the livelihood and habitat of the people, in the downstream areas in a severe manner in future.

Apart from drought and flood, hail storm, thunderstorm, Road accident etc. are also of common occurrence in this district, although the extents of damage in these cases are not as expensive as it caused by draught or flood.

The depredation caused by wild elephant is a common phenomenon in the district of Bankura. In the present scenario, elephant depredation in few places of this District causing a great deal of loss of life and properties.

With a view to mitigate the problems through adequate well-in-advance preparedness, this action plan is drawn to boost the management works in course of relief and rescue operation.

Well-in-advance preparedness with definite chain of command would certainly shorten the reaction time at the time of disasters and invariably mitigate the colossal damage by drought, flood and other such devastating natural catastrophic as well as other disasters.



Administrative Map District: Bankura



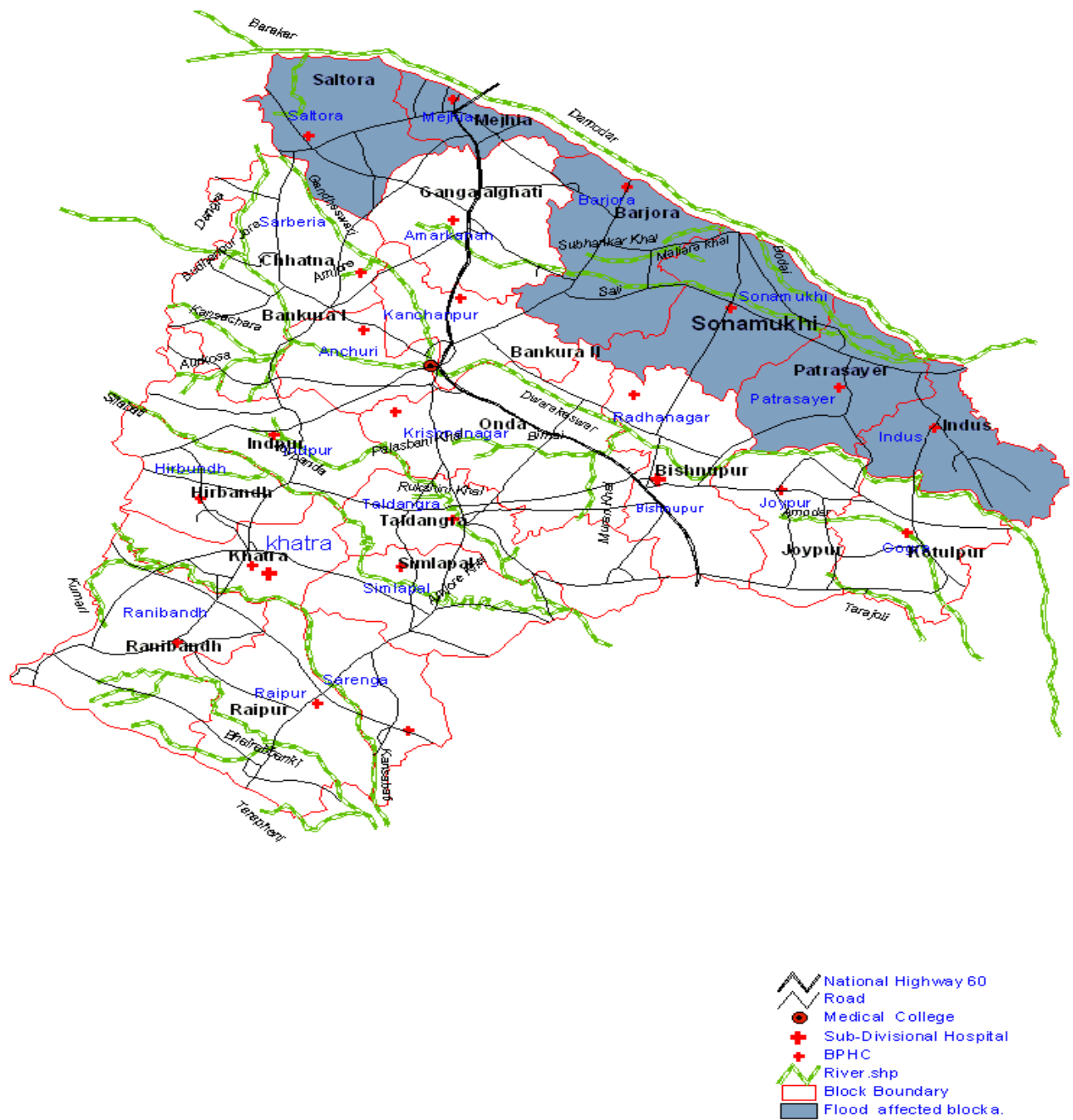
Scale
7 0 7 14 Kilometers

Head Quarters	LEGEND
	District
	Blocks
	Block Boundary
	Gram Panchayat Boundary
	Dam (Mikimaitip)
	Forest
	Dense Forest
	Rivers
	Railways
	National and State Highways
	NH-60
	NH-60A
	SH-2
	SH-4
	SH-7
	SH-8
	SH-9
	Sid-Dukhous
	Balkira Sadar
	Khatra
	Balkipur





FLOOD AFFECTED BLOCKS OF BANKURA DISTRICT



DISTRICT PROFILE

- **Geography**

The District Bankura is bounded by latitude 22°38' N to 23°38' N and longitude 86°36' E to 87°47' E. It has an area of 6,882 square Kilometres (2,657sq. mile). River Damodar flows along the north and north-east boundary of the district. The adjacent districts are Bardhaman in the north, Paschim Medinapore in the south, Hoogly in the east and Purulia in the west.

Bankura is located in the south western central part of the State of West Bengal interfaced between the [plains of Bengal](#) on the east and [Chhota Nagpur plateau](#) on the west.” It is a part of Midnapur Division of the State and included in the area known as “Rarh” in Bengal. The areas to the east and north-east are low lying [alluvial](#) plains, known predominantly rice bowl of Bengal. . The western portion, with [ferruginous](#) soil and hard beds of [laterite](#), marks the gradual descent from the table land of Chhota Nagpur to the delta of lower Bengal, consisting largely of [spurs](#) projecting from the western tableland and of low swelling ridges. However, there is no marked ridge of hills. Much of the area is covered with jungles. In the northern portion of the district the alluvium contains seams of coal belonging to the Raniganj system.

The climate, especially in the upland tracts to the north-west, is much drier than in eastern or southern Bengal. From the beginning of March to early June, when the [monsoon](#) sets in, hot westerly winds prevail. During the long dry season large extents of [red soil](#) with hardly any trees lend the country a scorched and dreary appearance. In the eastern part the eye constantly rolls on vary expanding rice fields, green in the rains but parched and dry in summer. The monsoon months, June to September, are comparatively pleasant, as the weather is not as sultry as in other parts of Bengal.

1. **District Location**:- Between 22°38' N & 23°38' N Latitude
&
Between 86°36' E & 87°45' E Longitude
2. **Geographical area**:- 6882 Sq. Km
3. **Climate**:- Tropical, dry and sub-humid.
4. **Soil type**:- (i) Red (ii) Alluvial (iii) Laterite
5. **Soil structure**:- (i) Sandy ,(ii)Sandy loam ,(iii) Loamy , (iv) sandy clay loam,

(v) Clay loam (vi) Clay etc.
6. **Important rivers**:- Damodar, Dwarakeshwar, Kangsabati
(Other rivers:- Silai, Sali & Gandheswari)
7. **Forest area**:- 1337 Sq. Km. (19.4 %)

- Administrative Set up

1	Block		22
2	Police Station		23 + 2 female PS
3	Gram Panchayat		190
4	Village		5187
5	Mouza	Total	3828
		Inhabited	3543
		Un-inhabited	285
6	ITDP Mouza		746

Sub-Div.	Police Station	Blocks	Municipality	Panchayet
Bankura Sadar	9	8	1	75
Khatra	10	8	0	59
Bishnupur	6	6	2	56
Total	25	22	3	190

Urban Area :

1. Bankura Municipality under Bankura Sadar Sub-Division
2. Notified Area – Gouripur under Sadar Sub-Division
3. Bishnupur Municipality under Bishnupur Sub-Division
4. Sonamukhi Municipality under Bishnupur Sub-Division

Rural Area :

Bankura Sadar Sub-Division	Sl. No	Name of the Block	No. of GP	Name of Police Station
	1	BANKURA-I	6	BANKURA SADAR
	2	BANKURA-II	7	BANKURA SADAR & BELIATORE
	3	CHHATNA	13	CHHATNA
	4	SALTORA	8	SALTORA
	5	MEJIA	5	MEJHIA
	6	GANGAJALGHATI	10	GANGAJALGHATI
	7	BARJORA	11	BARJORA & BELIATORE
	8	ONDA	15	ONDA
	TOTAL		75	
Bishnupur Sub Division	1	BISHNUPUR	9	BISHNUPUR
	2	JOYPUR	9	JOYPUR
	3	KOTULPUR	8	KOTULPUR
	4	INDUS	10	INDUS
	5	PATRASAYER	10	PATRASAYER
	6	SONAMUKHI	10	SONAMUKHI
	TOTAL		56	
Khatra Sub Division	1	KHATRA	7	KHATRA
	2	HIRBANDH	5	HIRBANDH
	3	INDPUR	7	INDPUR
	4	RANIBANDH	8	RANIBANDH & BARIKUL
	5	RAIPUR	10	RAIPUR & BARIKUL
	6	SARENGA	6	SARENGA
	7	SIMLAPAL	7	SIMLAPAL
	8	TALDANGRA	9	TALDANGRA
	TOTAL		59	

• **Demographic Profile (as per 2011 Census)**

Population	Male	1838095
	Female	1758579
	Total	3596674
SC Population	Male	593440
	Female	581007
	Total	1174447
ST Population	Male	183467
	Female	185223
	Total	368690
Literates		2232992
Percentage of rural population		91.67 %
Percentage of urban population		8.33 %
Sex Ratio (per 1000 male)		957
Density of Population (per Square Km.)		523
Decennial Growth Rate between 1991-2001		12.65 %
Literacy rate (excluding 0-6 population)		70.26 %

Demographic Details (**as per 2011 Census**)

Total Number of HH	Population			Category		
	Adult	Children <6 yrs	Total	SC	ST	GEN
766902	3178024	418650	3596674	1174447	368690	2053537

- Geographical Area (in Hect.)

Sl. No	Name of the Sub-division	Agricultural Land (ha)			Grazing land	Forest Land (ha)	Others	Total area
		High	Medium	Low				
1	Bankura Sadar	63833	47699	18218	6923	29095	94062	259830
2	Khatra	48380	42954	26465	2602	36202	41396	197999
3	Bishnupur	176446	226395	81328	20171	125259	236252	865851

(Source : Deputy Director of Agriculture, Administration, Bankura)

RAINFALL OF BANKURA DISTRICT FROM JANUARY 2013 TO 30TH APRIL' 2016 (IN MM.)

	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Total
	18.00	29.00	27.00	35.00	94.00	258.00	336.00	319.00	197.00	88.00	18.00	4.00	1423.00
2014	1.20	37.50	12.05	3.75	73.71	143.50	265.59	246.34	173.51	60.30	0	0.28	1017.73
2015	17.37	8.20	22.73	99.12	78.51	201.49	418.12	268.06	118.7	14.44	0	0	1246.74
2016	9.7	5.9	21.6	2.0	101.5	154.0	280.4	443.26	217.2	44.46	0	0	1280.02
2017	0.0	0.0	25.31	33.41	136.78	204.23	570.9	271.2	191.6	232.46	15.13	3.55	1684.57

(Source: Deputy Director of Agriculture, Administration, Bankura)

- List of Embankments

36. River

Sl. No.	Name of the Block	Name of the River	Name of the Embankment And Name of the Mouza	Type of Embankment
1	Sonamukhi	Damodar	Ranga Metiya	Earthen
2			Nityanandapur	Earthen
3			Belua	Earthen
4			Rupaisar	Earthen
5			Amritpara/Beria	Earthen
6			Bara	Earthen
7			Palshara	Earthen
1			Uttar Pataspur	Earthen
2			Deul Para	Earthen

3	Patrasayer	Damodar	Tasuli	Earthen
4			Ghoradanga	Earthen
5			Uttar Gobindapur	Earthen
6			Panch Para	Earthen
7			Mamudpur	Earthen
8			Salkhara	Earthen
9			Kanthata Ghata	Earthen
10			Mura para Khanpara	Earthen
1	Mejia	Damodar	Damodar Mohan	Earthen
2			Debagram	Earthen
3			Talenda	Earthen
1	Barjora	Damodar	Pratappur	Earthen
2			Sitarampur	Earthen
3			Paharpur	Earthen
1	Onda	Dwarekeshwar	Onda-II G.P.	Earthen
2			Majdiha G.P.	
3			Nikunjapur G.P.	
4			Santore G.P.	
1	Onda	Birai khal	Chingani G.P.	Earthen
2			Ramsagar G.P.	
3			Churamonipur G.P.	

B. Dam

Sl. No	Name of Embankment	Type of Embankment	Length	Cultivation in Hect.
1	Kangsabati Dam	River Dam	11.30 Km	6 Lac (nearly)

• Infrastructure (Nos.)

PDS Outlets	Post Offices	Police Station/ Outpost	PHC	Dispensary	Educational Institutions							Livestock centers	Cottage Industries
					Pry	UP	MP	HS	Madrassa	College	Unive rsity		
825	432	23	136	300	3538	384	134	294	15	15	1	85	5021

- Communication Facilities

Sl.No	Name of the Sub-division	Telecommunication (Y/N)	No. Of Boats		No. Of Bus		No. Of Trekker		No. Of Tractor		No. Of Jeeps	
			G	P	G	P	G	P	G	P	G	P
1	Bankura Sadar	Y	-	6	28	186	-	234		112	10	39
2	Khatra	Y	-	9	-	33	-	117		148	-	22
3	Bishnupur	Y	-	11	-	26	-	78		132	-	45

(G: Government: P: Private)

- Transport and communication network



VHF station/ Telecommunication links/IMD system/ other

Road network –

National Highway : 289.75 K.M

State Highway : 393 K.M

District Roads : 851 K.M

Village Roads : 555 K.M

Total : 2088.75 K.M



Waterways: On Damodar



Railways : Bankura to Purulia, Bankura to Kharagpur, Bankura to Masagram



Internet facilities: Yes, internet facility in all Gram Panchayet Office by BSNL, Vodafone, Airtel etc.



HAM amateur radio stations : Nil

PREPAREDNESS

District Disaster Management Cell

❖ Emergency Contingency Plan of Bankura District

❖ **SOME COMMON DISASTER AND ITS PREPAREDNESS IN BANKURA**

Drought Like Situation and underlying principle: - In the year **2014**, drought was declared in **818 Mouzas** out of total 3828 Mouzas **under 16 Blocks** out of total **22** Blocks of the district. By the end of the financial year 2015-16, the district had to face with the problem of acute shortage of drinking water. Although departments like P & RD, PUP and PHE have allotted funds for repairing, renovating or dysfunctional tube wells / hand pumps and sinking & re-sinking of new drinking water sources, but all these measures are not sufficient to prevent severe drought like situation in Bankura.

Prevention of Land Erosion and De-silting:- Bankura district witness flash flood especially during rainy season. The flash floods are caused by the incessant rain confined within a period of 7 days and lead to disruption of major arterial road. It also causes severe erosion of the river embankments.

The low lying agricultural land in swampy like condition, particularly around Mukutmanipur Dam and its major arterial canal sites requires removal of silt. The silting causes mainly due to seepage of water from the dam and through artisan-flow. Desiltation also required for selected stretch of Darkeswar, Gandheswari, Damodar rivers.

Elephant Depredation: - In simple terms “Disaster” is defined as ‘a sudden accident or a natural catastrophe that causes great damage or loss of life’. The depredation caused by wild elephant is a common phenomenon in the district of Bankura. Wild elephant causes immense damage to the standing crops & in extreme cases colossal loss of human life. Not only that, large herds of elephants, now-a-days also causing damage to infrastructure, like house property, etc. Earmarked fund to address the issues like, prevention of elephant depredation, reconstruction of damaged infrastructure, compensation to crop-loss and loss of human life, may be allocated from SDRF. Further, the fund may also be used to meet up contingent expenditure, like remuneration of trained Civil Defense Volunteers or Civic Volunteers, who are engaged in the “Hula Party”.

Capacity Building: - Local training to handle situation like elephant depredation, flash flood, & provision of Drinking Water to remote corners of the district at the peak of summer, etc. requires to be organized. Through capacity building we can minimize the loss. Centrally prepared standardized module and guidelines will maintain uniformity in training at different levels. Fund in the tune of 5% of total allocation may be earmarked for capacity building as per local need. Further, standardized module and guidelines in vernacular languages may be prepared centrally.

Activities The routine work of this section comprise of :

1. Receipt of Relief articles from the Directorate of Relief as per allotment.
2. Distribution / Sub-allotment of Relief materials in favour of all S.D.O.s, B.D.O.s and Municipalities under jurisdiction of this district.
3. Receipt of stock of allotment of G.R. food grains and arranging distribution / sub-allotment.
4. **G.R. food grains** comprise of
 - (a) Spl. G.R. food grain
 - (b) Leprosy G.R. food grains
 - (c) Normal G.R. (NGR) food grains.
5. G.R. in cash-
 - (a) Special cash G.R.,
 - (b) Starvation G.R. in cash.
6. **Ex-gratia Grant**- for the bereaved family of deceased person on account of Snake Bite, unnatural death due to Natural Calamity / Disaster etc. First hand information as to such death case in form CA – II is sent to the Disaster Management Department, Nabanna, Howrah forthwith from this section.
7. **E.R. Grant**- E.R. Grant is provided in cash for running small trade & also Tailoring machines are given to the poor persons for earning their livelihood and upliftment of their financial condition.
8. **Report & Returns**:- (In normal & Disastrous situation) Register & accounts etc. are maintained by the dealing assistant dealing with the work relating to the items under this department and reports and returns are furnished on the basis of the official records.

The reports & returns are sent regularly to the Principal Secretary / Joint Secretary to the Govt. of West Bengal and some times to the Director of Relief, West Bengal.
9. **Compilation of Reports**- The reports are compiled and sent to appropriate authority.

CA-II forms are received from the S.D.O.s & B.D.O.s and it is sent to the secretariate on compilation at this end. Requisition of fund materials and food grains etc. is placed on assessment of damages done by disaster. Sub-allotment is made on calculation of the need of the areas concerned.
10. **Control Room**- Control Room is usually kept opened from June to October i.e. for five months in a year from 8.00 A.M. to 8.00 P.M. But on occurrence of flood / cyclone etc. disaster the Control Room is kept opened round the clock i.e. day and night without any break.
11. **H.B. Grant(NC & ACCIDENTAL FIRE)**- As to preparation of list of beneficiaries of H.B. Grant from amongst the poor affected people suffering from damage of dwelling houses fully / partly in case of any disaster, instructions and Govt. orders with regard to formation of inspection teams and maintenance of other formalities and directives of the APEX Court etc. are communicated to the concerned S.D.O.s and B.D.O.s from this department.

12. The list of beneficiary for H.B. Grant is duly forwarded to the Secretariate, DMD with requisition for placement of fund and on receipt of the allotment of H.B. Grant sub-allotment is made in favour of the concerned S.D.O.s & B.D.O.s etc.
13. **Preparation of District Disaster Management Plan-** The Disaster Management Plan for the year is prepared usually before onset of monsoon by the District Disaster Management Department at District level every year on compilation of the informations / Plans received from the Sub-divisions / Blocks and Line Departments.
14. **Monitoring of Disaster Management Activities-** The Disaster Management Activities are run on war footing basis in an emergent situation by the Disaster Management Section with a view to mitigate the suffering of the affected people. This department has to monitor and co-ordinate the works of different line departments in connection with disaster management during and post disaster period.

▪ **Fire Station Information**

Sl. No.	Name of the fire station	Telephone Number	Name & Mob no of O/C	Disposition of Vehicle & Pumps
1.	Stn Officer In Charge, Fire Station, Bankura	101, 03242- 243291	Nilmadhab Mukherjee, 9832967578	☞ Vehicles with Pumps-5 Nos.
2	Stn Officer In Charge, Fire Station, Bishnupur, Bankura	03244- 256180	Raja Bhattacharya, 9434012826	☞ Vehicles-2 ☞ Portable Pump- 2
3	Stn Officer In Charge, Fire Station, Khatra	101, 03243- 255014	Nur Ali Gazi, 9475113335	☞ Vehicles with Pumps- 2 Nos.

STOCK POSITION OF RELIEF MATERIALS AS ON 30-04-2018
(Blocks / SDOs / Dist. Head Qtr. of Bankura)

SL No	Name of SDOs/BDOs/ Dist. Head Qtr.	Tarpaulin (PCS)	HDPE Tarpaulin (PCS)	Dhuti (PCS)	Share (PCS)	Lungi (PCS)	Shirt (CG) (PCS)	Pant (CG) (PCS)	Frock (CG) (PCS)	Ezar(C G) (PCS)	Salow ar Kamij (Sets)	Wrapper (PCS)	Blanket (PCS)	D.M Kits(pkt)	Pajama & Panjabi(Set s)
1	Dist. Head Quarter Bankura * \$	9441	5000	4263	3615	1466	1005	1005	1028	1028	2524	655	846	999	2636
2	SDO Sadar Bankura	1155		270	342	206	202	203	200	200	99	803	229	0	95
3	SDO , Bishnupur	507		21	9	100	0	0	0	0	0	110	9	0	0
4	SDO, Khatra	3599		1536	1373	475	375	375	305	305	440	2156	2398	1649	500
5	BDO,Bankura-I	270		48	29	67	89	89	89	89	16	193	69	243	46
6	BDO,Bankura-II	268		353	37	181	8	9	9	9	94	251	113	149	131
7	BDO,Chhatna	703		301	195	200	149	149	149	149	233	335	172	315	199
8	BDO,Saltora	797		498	286	411	91	91	91	91	284	821	394	250	319
9	BDO,Mejhia	326		255	205	122	106	106	106	106	121	623	304	140	142
10	BDO,Barjora	574		133	0	61	47	47	47	47	99	252	12	210	79
11	BDO,G.Ghati	302		44	73	39	60	60	60	60	60	39	39	175	63
12	BDO,Onda	210		280	387	298	145	145	145	145	407	382	260	275	157
13	BDO,Bishnupur	1097		262	196	107	40	40	40	40	157	400	262	270	64
14	BDO,Joypur	1034		548	527	254	61	61	62	62	431	190	340	90	159
15	BDO,Kotulpur	952		111	121	127	106	106	0	0	114	121	87	89	105
16	BDO, Sonamukhi	254		56	22	22	0	0	0	0	0	198	94	121	1
17	BDO, Patrasayer	618		39	26	69	93	0	117	25	132	0	20	90	153
18	BDO,Indus	40		0	20	37	5	5	10	17	15	0	0	270	30
19	BDO,Indpur	211		70	98	123	3	3	0	0	56	117	36	8	24
20	BDO,Hirbunth	200		255	232	147	40	40	41	41	205	222	136	34	85
21	BDO,Khatra	288		306	302	221	27	27	27	27	172	112	86	50	8
22	BDO, Ranibunth	327		222	232	137	70	70	78	78	117	164	187	50	69
23	BDO,Raipur	280		305	123	53	25	25	25	25	72	168	270	92	143
24	BDO,Sarenga	215		99	96	46	23	13	43	51	45	78	80	99	54
25	BDO,Simlapal	483		73	51	33	30	30	0	0	39	50	41	96	29
26	BDO,Taldangra	214		467	371	320	70	70	96	96	253	104	63	49	122
TOTAL:		24365	5000	10370	8968	5322	2870	2769	2768	2691	6185	8544	6547	5813	5413

Portable Inflatable Emergency Lighting System: 04 No.s (Each Sub-Division – 01, Dist. HQ

– 01)

Life Jackets – 200, Speed Boat – 03, Scuba Diving Equipment – 04, Search & rescue Vehicle

– 01.

▪ Identification of Temporary Cyclone / Flood Shelters:

Sl. No	Block	Pucca building identified as cyclone/flood shelter	Capacity (Room and Plinth Area)	Location (G.P.)	Facilities Available	Single/ Double Storied	Distance from G.P. Office
Khatra Subdivision							
1	Hirbandh	Hirbandh High School	Rooms: 14	Hirbandh	Drinking water and sanitation	Double	
2		Tilaboni High School	Rooms: 07	Tilaboni	Drinking water and sanitation	Double	
3		Gopalpur High School	Rooms: 16	Gopalpur	Drinking water and sanitation	Double	
4		Moshiara High School	Rooms: 16	Moshiara	Drinking water and sanitation	Double	
5		Baharamuri High School	Rooms: 10	Baharamurui	Drinking water and sanitation	Double	
Sadar Subdivision							
6	Bankura-I	Kapista Primari School	Rooms : 6	Anchuri	Drinking water and sanitation	Single	5 Km.
7		Natungram Ahmedia High Madrasah	Rooms : 11	Andharthole	Drinking water and sanitation	Double	4 Km.
8		Jagadalla-Gorabari M.G.S. Vidyalaya	Rooms : 21	Jagadalla-I	Drinking water and sanitation	Double	2.5 Km.
9	Onda	Nikunjapur High School	Rooms : 25	Nikunjapur	Drinking water and sanitation	Double	5 Km
10		Sahapur New Pry. School	Rooms : 3	Santore	Drinking water and sanitation	Single	Around 2-3 Km.
11		Majdiha High School Bhetiara Milani Bidyapith	Rooms : 20	Majdiha	Drinking water and sanitation	Double	Around 2-3 Km.
12		Chabra Board Pry. School	Rooms :3	Onda-II	Drinking water and sanitation	Single	0 Km.
13	Gangajalghati	Chousal H.S. School	Rooms :4	Barshal	Drinking water and sanitation	Double	3 Km.
14		Nityanandapur H.S. School	Rooms :6	Nityanandapur	Drinking water and sanitation	Double	½ Km.
15		Lotiaboni H.S. School	Rooms :6	Lotiaboni	Drinking water and sanitation	Double	100 Mtr.
16		Gangajalghati H.S. School	Rooms :8	Gangajalghati	Drinking water and sanitation	Partly Double	½ Km.
17		Banashuria H.S. School	Rooms :4	Banashuria	Drinking water and sanitation	Partly Double	1 Km.
18		Lachhmanpur H.S. School	Rooms :4	Lachhmanpur	Drinking water and sanitation	Partly Double	½ Km.
19		Khata-Kshuderdanga H.S. School	Rooms : 8	Gobindadham	Drinking water and sanitation	Double	2 Km.
20		Ukhradihi H.S. School	Rooms :5	Bhaktabandh	Drinking water and sanitation	Partly Double	1 Km.
21		Salbedia H.S. School	Rooms :6	Kapista	Drinking water and sanitation	Single	½ Km.
22		Pirraboni H.S. School	Rooms :5	Pirraboni	Drinking water and sanitation	Double	200 Mtr.

Sl. No	Block	Pucca building identified as cyclone/flood shelter	Capacity (Room and Plinth Area)	Location (G.P.)	Facilities Available	Single/ Double Storied	Distance from G.P. Office
23	Bankura-II	Mankanali High School	Rooms: 5	Mankanali	Drinking water and sanitation	Double	2 km
24		Mogra High School	Rooms: 6		Drinking water and sanitation	Double	0.5 km
25		Kanchanpur High School	Rooms: 6	Purandarpur	Drinking water and sanitation	Double	2 km
26		Mayakanan High School	Rooms: 6		Drinking water and sanitation	Double	1.5 km
27		Bankati High School	Rooms: 6	Junbedia	Drinking water and sanitation	Double	4 km
28		Bikna KPS High School	Rooms: 7	Bikna	Drinking water and sanitation	Double	0 km
29		Banki-Sendra High School	Rooms: 6		Drinking water and sanitation	Double	4 km
30		Bhadul Chatterjee Para Pry. School	Rooms: 4	Sanbandha	Drinking water and sanitation	Single	1 km
31		Shyamdaspur BJ Pry. School	Rooms: 4		Drinking water and sanitation	Single	1 km
32		Narrah High School	Rooms: 8	Narrah	Drinking water and sanitation	Double	0.5 km
33		Pratappur DJ High School	Rooms: 8		Drinking water and sanitation	Double	2.5 km
34		Chuagara-Sammilani High School	Rooms: 7		Drinking water and sanitation	Double	4 km
35		Nikunjapur High School	Rooms: 8	Kosthia	Drinking water and sanitation	Double	4 km
36		Kalaberia Pry School	Rooms: 4		Drinking water and sanitation	Single	4 km
37		Namo-Sirsara Pry. School Attached CRC Office	Rooms: 3		Drinking water and sanitation	Single	6 km
38		Maitha-Gopinathpur Pry. School	Rooms: 3		Drinking water and sanitation	Single	4 km
39		Musuria Pry. School	Rooms:3	Kosthia	Drinking water and sanitation	Single	3.5 km
40		Mukundapur Pry. School	Rooms: 3		Drinking water and sanitation	Single	2.5 km
41	Saltora	Illambazar Primary School,	Rooms : 4	Salma	Drinking water and sanitation	Double	
42		Bakulia High School,	Rooms: 10	Salma	Drinking water and sanitation	Double	
43		Bamuntore High School,	Rooms : 10	Bamuntore	Drinking water and sanitation	Double	
44		Shirpura MSK,	Rooms: 10	Bamuntore	Drinking water and sanitation	Double	
45		Krishnanagar Junior High School	Rooms : 8	Bamuntore	Drinking water and sanitation	Double	

Sl. No	Block	Pucca building identified as cyclone/flood shelter	Capacity (Room and Plinth Area)	Location (G.P.)	Facilities Available	Single/ Double Storied	Distan ce from G.P. Office
46		Gourbera Pry. School	Rooms: 10	Bamuntore	Drinking water and sanitation	Double	
47		Na-Para Flood rescue Centre	Capacity : 400	Bamuntore	Drinking water and sanitation	Double	
48		Bara Mana MSK & Pry. School	Rooms: 6	Bamuntore	Drinking water and sanitation	Double	
49	Mejia	Banjora Pry. School	Rooms: 4	Banjora	Drinking water and sanitation	Double	
50		Ramchandrapur Pry. School	Rooms: 3	Ramchandrapur	Drinking water and sanitation	Double	
51		Mejia Pry. School	Rooms: 4	Mejia	Drinking water and sanitation	Double	
52		Ardhagram Pry. School	Rooms: 4	Ardhagram	Drinking water and sanitation	Double	
Bishnupur Subdivision							
53	Joypur	Hetia High School	Rooms : 16	Hetia	Drinking water and sanitation	Double	0.05 Km
54		Routhkhanda Pry. School	Rooms : 4	Routhkhanda	Drinking water and sanitation	Single	0,5 Km
55		Shyamnagar Pry. School	Rooms : 3	Shyamnagar	Drinking water and sanitation	Single	0.5 Km
56	Indas	Bhagabtipur Pry. School	Rooms : 4	Rol	Drinking water and sanitation	Single	10 Km
57		Somsar High School	Rooms : 16		Drinking water and sanitation	Double	8 Km
58		Nagatentul Pry. School	Rooms : 6	Dighalgram	Drinking water and sanitation	Single	2.5 Km
59		Bhakuda High School	Rooms : 16		Drinking water and sanitation	Double	3 Km
60		Betalan Colony Pry. School	Rooms : 4	Mangalgram	Drinking water and sanitation	Single	6 Km
61		Khatnagar High School	Rooms : 15		Drinking water and sanitation	Double	6 Km
62		Rajkhamar High School	Rooms : 16	Karisunda	Drinking water and sanitation	Double	2 Km
63		Bhabapur Pry.School	Rooms : 3		Drinking water and sanitation	Single	4 Km
64		Kalagram Pry. School	Rooms : 6	Amrul	Drinking water and sanitation	Single	5 Km
65		Patraganti Pry.School	Rooms : 4		Drinking water and sanitation	Single	4 Km
66		Nunduri High School	Rooms : 16		Drinking water and sanitation	Double	3 Km
67		Santashram GDBV	Rooms : 21		Drinking water and sanitation	Double	2.05 Km
68	Kotulpur	Damanchak High School	Rooms : 12	Mirjapur	Drinking water and sanitation	Double (Part)	2 Km .

Sl. No	Block	Pucca building identified as cyclone/flood shelter	Capacity (Room and Plinth Area)	Location (G.P.)	Facilities Available	Single/ Double Storied	Distance from G.P. Office
69		Saintara Jr. High School	Rooms : 5	Madanmohanpur	Drinking water and sanitation	Single	3 Km.
70		Bhagalpur High School	Rooms : 21		Drinking water and sanitation	Double	5 Km
71		Madanmohanpur High School	Rooms : 21		Drinking water and sanitation	Double (Part)	2 Km
72		Amdohi High School	Rooms : 15	Lowgram	Drinking water and sanitation	Double	4 Km
73		Jalitha Pry. School	Rooms : 4	Kotulpur	Drinking water and sanitation	Single	1 Km
74		Tajpur High School	Rooms : 13	Desra Koalpara	Drinking water and sanitation	Double	5 Km
76		Deopara Chamoani High School	Rooms : 17		Drinking water and sanitation	Double (Part)	3 Km
77		Chatra Jr. High School	Rooms : 4	Lego	Drinking water and sanitation	Single	3 Km
78		Darapur High School	Rooms : 11		Drinking water and sanitation	Double	3 Km
79		Balitha High School	Rooms : 13		Drinking water and sanitation	Double	2.5 Km
80		Sihar A.M.High School	Rooms : 18	Sihar	Drinking water and sanitation	Double	2 Km
81		Ramdiha High School	Rooms : 13	Gopinathpur	Drinking water and sanitation	Double (Part)	2 Km
82		Gopinathpur High School	Rooms : 16		Drinking water and sanitation	Double	3 Km
83	Patrasayer	Hadalnarayanpur High School	Rooms : 10	Narayanpur	D/W & sanitation	Double	0.5 Km
84		Panchpara Pry. School	Rooms : 3		D/W & sanitation	Single	12 Km
85		Panchpara Uttar colony Pry. School	Rooms : 3		D/W & sanitation	Single	11 Km.
86		Patashpur High School	Rooms : 10		D/W & sanitation	Double	7 Km
87		Chargobindapur Pry. School	Rooms : 2		D/W & sanitation	Single	10 Km
88		Hamirpur Pry. School	Rooms : 2	Hamirpur	D/W & sanitation	Single	0.5 Km
89		Rasulpur Pry. School	Rooms : 3	Belut-Rasulpur	D/W & sanitation	Single	3 Km
90		Belut-Rasulpur G.P. Office	Rooms : 5		D/W & sanitation	Double	0 Km
91		Salkhanra Uttar Colony Pry. School	Rooms : 3		D/W & sanitation	Single	3 Km
92		Kabirchak Pry. School	Rooms : 2	Balsi-I	D/W & sanitation	Single	4 Km
93	So n a m	Kenety Milan Tirtha	Rooms : 20	Dhipara	Drinking water and sanitation	Double	1 Km

Sl. No	Block	Pucca building identified as cyclone/flood shelter	Capacity (Room and Plinth Area)	Location (G.P.)	Facilities Available	Single/ Double Storied	Distance from G.P. Office
94		Rangamati UCM	Rooms : 5		Drinking water and sanitation	Single	3 Km
95		Radhamohanpur High school	Rooms : 20	Radhamohan pur	Drinking water and sanitation	Double	0.5 Km
96		Belowa Pry. School	Rooms : 3	Radhamohan pur	Drinking water and sanitation	Single	3 Km
97		Dubrajpur Pry. School	Rooms : 3	Dhansimla	Drinking water and sanitation	Single	2 Km
98		Ranpur Pry. School	Rooms : 3	Purba Nabasan	Drinking water and sanitation	Single	1 Km
99		Uttar Bensia Pry. School	Rooms : 4	Radhamohan pur	Drinking water and sanitation	Single	0.5 Km
100		Sonamukhi BJ High School	Rooms : 20	Sonamukhi	Drinking water and sanitation	Double	0.5 Km
101		Sonamukhi Girls High School	Rooms : 20	Sonamukhi	Drinking water and sanitation	Double	0.5 Km
102		Bhagabanpur Pry. School	Rooms : 4	Dhansimla	Drinking water and sanitation	Single	3 Km
103		Baharpur Pry. School	Rooms : 2	Dhansimla	Drinking water and sanitation	Single	2 Km
104		Nabason High School	Rooms : 15	Purba Nabasan	Drinking water and sanitation	Double	0,5 Km

PREPAREDNESS

CIVIL DEFENCE, BANKURA

PLAN OF BANKURA CIVIL DEFENCE PLAN

GEOGRAPHICAL LOCATION OF BANKURA DISTRICT FROM DISASTER POINT OF VIEW:

Bankura is not defined as a flood prone district, but after the arrival of monsoon the district registers many cases of flash-flood and inundation of many low areas of the district, adjoining the major rivers & tributaries flowing through the district like Damodar , Dwarakeswar , Kangsabati and others .

Moreover due to occasional heavy rainfall in the district & in the upper catchments areas of Damodar River, flood water is released from the D.V.C Barrage and sometimes from Kangsabati reservoir cause flood in several parts of the District resulting in loss of crops, house and other properties. Also, hazards like cyclone and hail storms occurred many a times in the district during the summer and in other season causing severe damage.

With a view to mitigating the problems through adequate preparedness, this action plan is drawn to boost the management works in course of relief and rescue operation.

DETAILS OF FLOOD PRONE AREA

DETAILS OF CAUSEWAY OVERFLOWN POINT

Due to existence of Damodhar River	Sl no	Affected area	Sl no	Name of the Block	Name of the Causeway over flown point
	1	Part of Mejia Block	1	Ranibandh	Kechanda Ghat Cause way
	2	Part of Saltora Block	2	Simlapal	Pathardoba Causeway under Machatora GP
	3	Part of Borjora Block	3	Raipur	Surkir khal at khatga under Dundar
	4	Part of Sonamukhi Block	4	Mejia	1.Matabel 2.Kansara 3.Jujghati 4.Ikra
	5	Part of Patrasayer Block	5	Onda	Bikrampur,Saharpur,Jadavnagarr & Agarda
	6	Part of Indas Block	6	Kotulpur	Chatra (near Ramai pandit College), Joyrambati (near Joyrambanti park)
	7	Part of Kotulpur Block	7	Sonamukhi	Nafardanga Causeway (Dhulai GP)
Due to existence of Dwarakeswar River	1	Part of Onda Block	8	Patrasayer	Jamkuri,Narayanpur,Hamirpur,Balsi Paschimpara road,Basudebpur, Barasat more.
	2	Part of Joypur Block			

ROLE OF CIVIL DEFENCE:

Civil Defence is the measures adopted by the Government, Local bodies and volunteers for the protection of people and properties during natural calamities and disaster. It is basically a voluntary base organization meant for working both in urban and rural areas under the guidance and control of local administrative authority and according to a well-chalked out plan of the local civil administration set up for rendering relief to the victims of calamities arising out of natural or manmade causes. It is the combined effort of all that makes Civil Defence a success.

STATUS OF BANKURA DISTRICT CIVIL DEFENCE SET UP:

In order to minimize response time in the event of any disaster striking in Bankura District as well as to help district administration in need, this Department has formed a trained Volunteers group named “QUICK RESPONSE TEAM” and has allotted 2 (two) Civil Defence Rescue Vehicles and 2 (two) Speedboats along with various rescue equipments to combat emergent situation whenever necessary. For smooth functioning 1(one) more speedboat has been purchased and kept under District Civil Defence Headquarter to meet emergent situation.

Recently, 48 (Forty eight) MDT Trained Civil Defence Volunteers nominated from all the Blocks of this District have undergone Divers Training at Chain Ghat of Ganga River near 2nd Hooghly River thereafter at Bay of Bengal near Bokkhali under the control of LIFE SAVINGS SOCIETY OF INDIA, KOLKATA.

At present total number of enrolled Civil Defence Volunteers are: 275

And Total number of Quick Response team members are: 165

At present one Speedboat along with its Crew members have been placed at Mukutmonipur under the Sub-Divisional Officer, Khatra.

At present following works are being done by Civil Defence Unit:

- i) Imparting Civil Defence training to general youth
- ii) For attaining general preparedness for mitigation of woes and sufferings in case of disaster;
- iii) Rescue operation in the areas of Land slide and House collapse, Flash flood, Flood, Cyclone, and, Earthquake
- iv) Recovery of drowning people
- v) Mock-drill to aware general people
- vi) Crowd management as and when required

IMPORTANT TELEPHONE NUMBERS:

Director of Civil Defence, West Bengal	033-2225-2179 (o),	033-22256687 (Fax) dircdwb@gmail.com
Civil Defence Control Room 81/2/2, Phears Lane, Kolkata-700 012	033-2237-4033	
Commandant, CCDTI, West Bengal	033-2237-4033	
Anjan Chakraborty , WBCS (Exe) Addl District Magistrate (Dev) & Addl. Controller of Civil Defence, Bankura	03242-250757, 9475900013	03242-250751 Admd.bnk@gmail.com
Anindya Goutam, WBCS (Exe), O/C Civil Defence	9475900037, 8373052814	
Abdur Razzak Biswas, Sr. S.O.I. –In – Charge and DDMO, Bankura	9475900087	dmd.bankura@gmail.com
SDO,Bankura , Sadar	03242-250260 (Office) 03242-250291 (Resi) 9475900018	03242-250260
SDO,Khatra	03243- 255262 (O) 03243-255263(R)	03243-255262 (O) 03243-255263 (R)
SDO, Bishnupur	03244-252055 (O) & (R)	03244-252055 (O) 03244-252020 (R)

EXISTING STRENGTH OF TRAINED CIVIL DEFENCE VOLUNTEERS**UNDER BANKURA CD SET UP.**

Sl no	Name of the Block	DEEP DIVING TRAINED CDV	Name & Contact no of Deep Diving Trained CDV
1	Bankura-I	2	i) Bibhas Gorai-9933593523 ii) Nitas Das-9647292685
2	Bankura-II	2	i) Dinesh Pal-9851514789 ii) Sourav Chattaraj-7872657633
3	G.Ghati	2	i) Raja Ram Bauri-9734294420 ii)Ranadip Mondal-7407375875
4	Chhatna	2	i) Paran Bauri-8509331158 ii) Rajesh Malakar-9332899402
5	Mejia	1	i) Debasish Ghorui-7797035183
6	Saltora	2	i) Nimai Bauri-8670467085 ii) Biplab Pal-
7	Borjora	2	i) Laltu Pal-8373869672 ii) Dipankar Ghosh-8768946227
8	Onda	2	i) Tapas Pariksha-9002453545 ii) Tufan Patra-89726865935
9	Bishnupur	2	i) Biswanath Hembram-9735561500 ii) Bikash kr Roy-9002896395
10	Sonamukhi	2	i) Bijan kr Das-9647208369 ii) Subhendu Mondal-9933433430
11	Indas	2	i) Sri Tarun Nayek-8642844578 ii)Kumeresh Chattapadhyay 8768976108
12	Patrasayer	2	i) Manu lohar-8906425327 ii) Samir lohar-8537966943
13	Joypur	2	i) Milan Santra-8967482525 ii) Tapas Bhagat-7797424961
14	Kotulpur	1	i) Sumanta Ghosh-8906828599
15	Indpur	1	i) Sourav Mohanti-9635021692
16	Hirbandh	2	i) Shantanu Mondal-9609983391 ii) Nitai Sardar-9679795918

17	Raipur	2	i) Jadupati Mallick-8967861815 ii) Subal pal-9564996172
18	Taldangra	2	i) Shanawaz khan-8616104270 ii) Sushovan Barik-8116834803
19	Sarenga	1	i) Parthasarathi Mohanti-9734793718
20	Simlapal	2	i) Chiranjib Mahata-9635171355 ii) Alip Mandal-8670503910
21	Ranibandh	2	i) Jhantu Hansda-8972186971 ii) Lakhsmiram Hansda-8016784014
22	Khatra	2	i) Avoy kr Patra-7602264128 ii) Satyaranjan Patra-8900333768
23	Reserve	8	i) Somnath Shit-9093485307 ii) Suman Pal-8926051909 iii) Dibyendu Goswami-7029371389 iv) Debabrata Banerjee-7384849090 v) Susanta Bhuin-8145119120 vi) Karuna Mondal-9932886620 vii) Sumanta Ghosh-9735827315 viii) Raghunath Basuri-9002867151
	TOTAL	48	

ANNUAL WORK PLAN OF CIVIL DEFENCE:

- 1) Volunteers should be trained for general Civil Defence duties to serve as a nucleus of disciplined and trained personnel for use in an emergency.
- 2) The Women wings of Civil Defence are to be organized both in Urban and rural areas and there must be some programmes on certain kinds of services which women can perform with greater aptitude than men, such as welfare, First aid services.
- 3) Arrangement of Basic First Aid Training Course: This course is intended to give the Civil Defence Volunteers just the sufficient knowledge to take necessary action as a matter of urgency in the absence of a doctor in rural areas.
- 4) Arrangement for Deployment of Quick Response Team to combat emergent situation whenever arises.
- 5) Arrangement of Periodical Mock-drill/Exercises of Quick Response Team is required for their working in a better way during emergency.
- 6) At later stage, Organization pattern of Civil Defence may be made in the following manner:
 - a) Per 1000 population, one trained CD volunteers to be appointed in honorary post designated as Sector Warden.
 - b) Per 10000 populations one trained CD volunteers to be appointed in honorary post designated as Post Warden.

They will be the eyes and ears of Civil Defence and will maintain close liaison among each other and will approach District Civil Defence authority for assistance in need.

The proposed action for giving newly born Bankura Civil Defence set up to a good one as mentioned in point a) to f) above will be in force during the whole of year (s)

Some Activities of Bankura District Civil Defence organisation in 2017-2018

Community is the first responder to any disaster situation. So, adequate awareness and preparedness of the community to respond to any disaster situation is crucial in mitigating damage and suffering. Civil Defence, being a community based voluntary organization, can play a pivotal role in rescue, relief operation and in community awareness and capacity building to face any disaster. In line with this, members of Quick Response Team (QRT) of Bankura District Civil Defence organization has successfully responded to flood 2017 for rescue and relief operations.

Some activities are :-

A) RESCUE OPERATION

- 1) 9(nine) CDVs were deployed on 21/05/2017 for recovery of dead body from the underneath of Damodar River water at Bhara Village under Mejhia Block.
- 2) 13(thirteen) CDVs were deployed on 19.06.2017 for recovery of dead body at Randiha Chak Gate from Damodar River under Sonamukhi Block.
- 3) 5(five) CDVs were deployed for rescue operation to the Victims and to assist Police administration during Bus accident caused on 16.07.2017 near Forest office of Shibdangar more under Taldangra Police Station.
- 4) 9(nine) CDVs were deployed on 01.08.2017 for recovery of dead body from the underneath of Gandheswari River water at Lakhyatora Moha Sasan under Bankura-II Block.
- 5) 8(eight) CDVs were deployed on 04.08,2017 for recovery of dead body from the underneath of Bhalukdanga Chak Dam water under Chhatna Block.
- 6) The flood prone areas adjacent to Damodar River, Gandheswari River and Darakeswar River under Bankura-II, Sonamukhi,Barjora Block were waterlogged due to consistent rain in July 2017. Many QRT trained CDV's were deployed phase wise to rescue the flood victims from those areas, Dated – 23/07/2017 to 29.07.2017.
- 7) 11(eleven) CDVs were deployed on 30.09.2017 for recovery of dead body from the Darakeswar River at Patpur, Bankura-I

B) CROWD MANAGEMENT

1. Deployed 96 nos. of CDVs at Bishnupur Mela-2017 from 22.12.17 to 27.12.2017 to control the mob gathered in the said festival.
2. Deployed 25 nos. of CDVs at Music Festival at Bishnupur '2018 from 02.02.18 to 04.02.18 to control the mob gathered in the said Festival.
3. 21(twenty one)nos. of CDVs were deployed in the meeting of Honorable Chief Minister of West Bengal on 13.12.2017 at Bagdiha.
4. 25(twenty five)nos. of CDVs were deployed for National Voter's day 2018.
5. 2(two) nos. of QRT trained CDV's were deployed to each Picnic spots at Mukutmonipur Dam, Gandua Dam and Durgapur Barrage dated 20.12.2017 to 18.01.2018.
6. 21(twenty one)nos. of CDVs were deployed in the meeting of Honorable Chief Minister of West Bengal, on 06.03.2018 and 07.03.2018 at Patrasayer and Bankura Police Line.

C) MOCK-DRILL

1. Mock Drill on matter of Disaster Management were conducted at 22 nos. Block's on different dates as per order of the ADM(Dev.), Bankura.

Like previous year, the Civil Defence Organisation of Bankura District is to ready to respond to any disaster situation in the days to come in 2018-2019.





PREPAREDNESS

HEALTH DEpArTmEnT, Bankura



DISTRICT DISASTER MANAGEMENT PLAN

2018

BANKURA

**OFFICE OF THE CHIEF MEDICAL OFFICER OF HEALTH
DISTRICT PUBLIC HEALTH WING, DSU, BANKURA**

Health Facilities in Bankura District:

No. of BPHC	17
No. of RH	5
No. of PHC	70
No. of Sub Centre	564
No. of SSH	4
No. of SDH	2
No. of Medical College	1
No. of Leprosy Hospital	1
No. of Police Hospital	1
No. of Rail Hospital	1
No. of Jail Hospital	1
No. of Private Hospital	51

<u>Responsible River</u>	<u>Affected Blocks</u>	<u>G . P .s</u>	<u>Villages</u>	<u>Population affected</u>
A. Damodar/Shali	Saltora	Bamuntore	Kukunkuri	5000
			Iswara	
	Kotulpur	Lowgram	Chotpagla,Dingal,Ghatipara	15000
		Madanmohanpur	Madanmohanpur,Nanagar,Malakarpota Mathuratopal,Napukur	
		Lego	Lego,Bagar	
		Kotulpur	Kotulpur,Brahmadanga	
	Mejhia	Ardhagram	Ardhagram	9500
			Bhadakalibari	
			Manar Char	
		Mejhia	Mejhia	
		Benajira	Benajira	
	Barjora	Barjora	Manar char	10500
			Pratap pur	
		Maliara	Maliara East	
		Brindabanpur	Brindabanpur	
		Ghutgoria	Ghutgoria	
	Patrasayer	Kusadwip	Pandua	15750
			Kusadwip	
		Narayanpur	Narayanpur	
		Belut	Belut	
		Hamirpur	Hamirpur	
		Bijpur	Bijpur	
	Indas	Balsi-II	Balsi	
		Amrul	Keneti	7939
		Akui	Akui	
		Saspor	Saspor	
		Roll	Roll	
		Dighalgram	Dighalgram	
		Mangalpur	Mangalpur	
		Korisunda	Korisunda	
	Sonamukhi	Amrul	Amrul	
		Dihipara	Lalbabachal,Rangamati,Uttarchar,Kenet i, Rangamati S Chsr	

		Radhamohanpur	Radhamohanpur,Nityanandapur	26000
			Amritpara	
			Moheshpur	
			Uttarbesia	
		Radhamohanpur	Methra	
B. Dwarakeswar	Bankura-I	Jagadalla	Basi	4500
	Bankura-II	Kostia	Masuria,Narayanganj,Kalaberia,Janda	3500
		Bikna	Banki Sedna,Kusumbasti	
Total	8 Blocks	28 GP	36 Villages	125300 Peoples

**SWASTHYA BHAWAN
TELEPHONE NUMBERS**

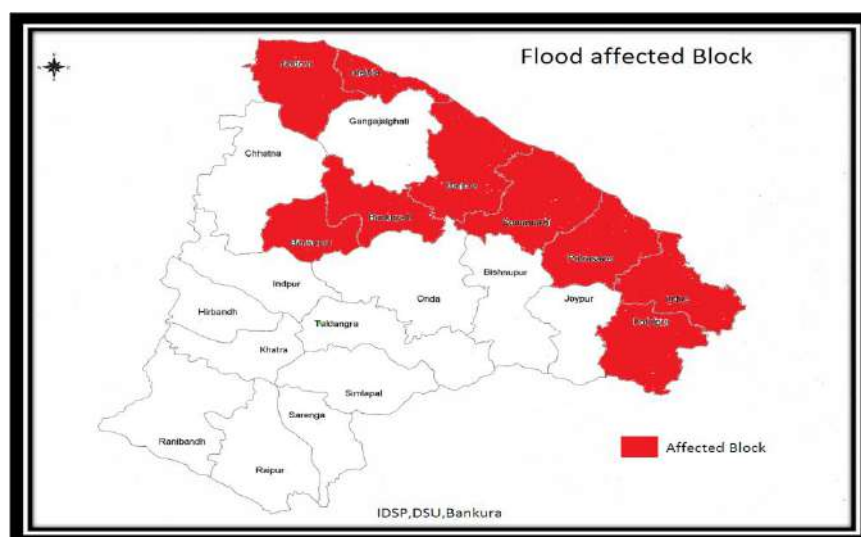
DESIGNATION	DIRECT TELEPHONE NO.
Chief Minister & Minister –in-Charge	2214-5555 (Writer's Building), 2357-3600 (Swasthya Bhawan), Fax:2357-7910
Additional Chief Secretary	2357-5899, Fax:2357-7907
Commissioner of Family Welfare & State Mission Director (NRHM)	2357-3625, Fax:2357-7909
Project Director (WBSAPCS)	2357-9278, Fax:2357-2222
Director of Health Services	2357-7903, Fax:2357-7904
Director of Medical Education	2357-5101, Fax:2357-7938
Spl. Secretary (MA)	2357-4455
Spl. Secretary (GA) & Director (SPSRC)	2357-3636
Spl. Secretary (MES & MERT)	2357-4061
Jt. Secretary (FW & NRHM)	2357-7928
Jt. Secretary (Ayush & Vigilance)	2357-5566
Jt. Secretary (MS & IT)	2357-3533
Jt. Secretary (GA)	2357-7916
Jt. Secretary (MES & MERT)	2357-0278
Jt. Secretary (LAW)	2357-4007
Jt. Secretary (MA)	2357-7935
Executive Director (State Health & Family Welfare Samity)	2357-7901
Addl. DHS (TB)	2357-4021

DESIGNATION DIRECT TELEPHONE NO.

1. Addl. DHS (Admin) 23330-266
2. Addl. DHS (AA & V) 2357-7925
3. Director (SBHI) 2357-4024, Fax:2357-5893
4. SFWO & Jt. DHS (FW) 2357-3680, Fax:2357-7945
5. Jt. DHS (Planning & Development)-2357-7946
6. Jt. DHS (PH & CD) 2357-1192
7. Jt. DHS (Leprosy) 2357-7941
8. SMEIO & Jt. DHS 2357-7945
9. Jt. DHS (Accounts) 2357-7912
10. DDHS (Admin) 2357-7937
11. DDHS (Nursing) 2357-4025
12. DD (MIES) 2357-3657
13. Director (Ayurveda) 2357-4079
14. Director (Homoeopathy) 2357-7943
15. ADHS (Ophthalmology) 2357-4074
16. Controller of Finance & Jt. Director-2357-2422
17. Swasthya Bhawan -2357-6000

DISTRICT DATA, BANKURA				
Sl.No.	Designation	Name	Mobile	E.Mail
1	CMOH,Bankura	Dr. Prasun Kumar Das	9434130398	cmohbankura@gmail.com
3	Dy.CMOH-I	Dr. Barnaman Tudu	9474632002	dycmoh1bankura2015@gmail.com
4	Dy.CMOH-II	Dr. Niloy Chakraborty	9674695297	dycmoh2_ban@wbhealth.gov.in
5	Dy. CMOH - III	Dr. Swapan Kr. Sarkar	9434161775	dycmoh3.bankura@gmail.com
6	DMCHO	Dr. Haradhan Barman	9433282697	Drharadhan@gmail.com
7	DPHNO,Bankura	Madhumita Roy	9434626172	dphnobankura@gmail.com
8	DTO	Dr. Goutam Dasgupta	9434984705	dtowbbkr@rmtcp.org
9	ZLO	Dr. Swapan Kr. Sarkar	9434161775	zlobankura@rediffmail.com
11	ACMOH (M & A)	Dr. Dipa Mandal	9475687607	drdipamandal@gmail.com
12	ACMOH (Sadar)	Dr.Ashis Mandal	9434246447	acmohsadarbankura@gmail.com
14	ACMOH (Khatra)	Dr. Ramesh Kishku	8768474294	acmohkhatra@gmail.com
BMOHs OF BANKURA DISTRICT				
Sl No	Block Name	Name	Mobile	E.Mail
1	ANCHURI	Dr.Birendra Nath Saren	9434330905	anchuribphc@gmail.com
2	KANCHANPUR	Dr.Uttam Kapri	8900455543	kanchanpurbphc@gmail.com
3	AMARKANAN	Dr.Deep Samanta	8016662902	amarkanabphc@gmail.com
4	BARJORA	Dr.Koushik Gorai	9732215460	barjorabphc@gmail.com
5	CHHATNA	Dr.Biswajit Dey	8436575079	chhatnabphc@gmail.com
6	SALTORA	Dr. Shyamal Mukherjee	9932520835	saltorabphc@gmail.com
7	ONDA	Dr.Debasis Dey	9874216522	ondabphc@gmail.com
8	MEJHIA	Dr.Nandan Banerjee	9474019510	mejhiabphc@gmail.com
9	KHATRA	Dr.Amartya Pal	9433184911	khatrabphc@gmail.com
10	RANIBANDH	Dr.Bidut Bikash Mondal	9932586086	ranibandhbphc@gmail.com
11	HIRBANDH	Dr.Subrata Ruidas	9475855852	hirbandhbphc@gmail.com
12	INDPUR	Dr.Kajal De	9434202016	indpurbphc@gmail.com
13	SARENGA	Dr. Binoy Hembrom	8158884513	sarengabphc@gmail.com
14	SIMLAPAL	De.Sarabindu Bag	8296844286	simlapalbphc@gmail.com
15	RAIPUR	Dr. Kunal Chakraborty	9474458793	raipurbphc@gmail.com
16	TALDANGRA	Dr.Kuntal Saha	9735184247	taldangrabphc@gmail.com
17	RADHANAGAR	Dr. Himadri Kumar Ghatak	9433103189	radhanagarbphc@gmail.com
18	JOYPUR	Dr.Atanu Basu	9434562296	jaypurbphc@gmail.com
19	KOTULPUR	Dr. Arun Kr.Das	9874162899	kotulpurbphc@gmail.com
20	SONAMUKHI	Dr.Priyo Kr.Sahana	9474776674	sonamukhibphc@gmail.com
21	PATRASAYER	Dr.Priyadarshi Jash	9874229043	patrasayerbphc@gmail.com
22	INDUS	Dr.Koushik Pandey	8017507764	indusbphc@gmail.com

Flood Affected Blocks



Flood Pictures

Details of Health Personnel engaged at the affected area : Kanchanpur BPHC

SI No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Sanbandha	Ektaswar	Ramala Patra 9153112029		Manjushree Pathak 9434362668
2	Bikna	Banki Sendra Kusumbasti	Mala Mandal 9531646889	Jiten Kapri 9614505874	Lila Mukherjee 9475410694
3	Kostia	Masuria,Narayanganj,K alaberia,Janda	Tarapada Paramanik 9832145522	Tarapada Paramanik 9832145522	Shampa Laxman 9933016173

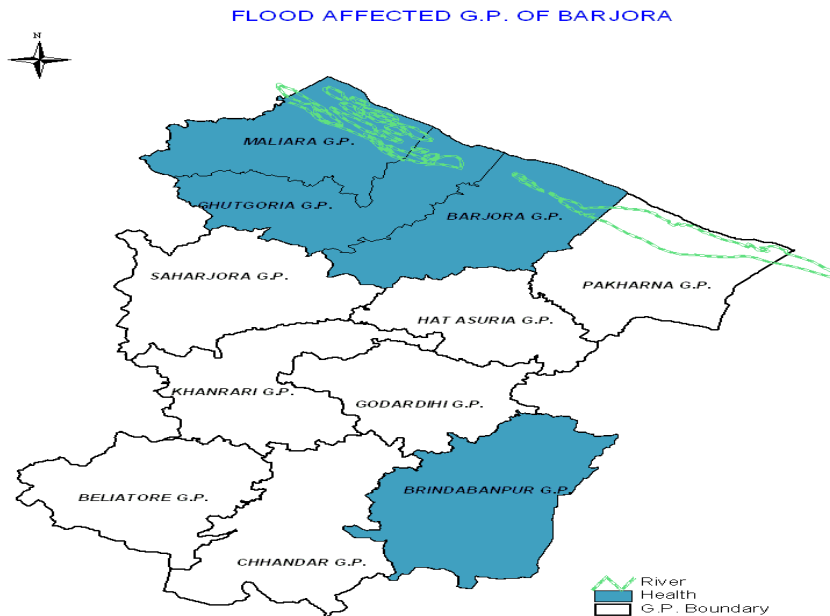
BLOCK : Bankura-I**Details of Health Personnel engaged at the affected area:**

SI. No.	GP Name	Name of Village Affected	Name of the Supervisor & Ph. No.	Name of the HA(M) & Ph. No.	Name of the HA(F) & Ph. No.
1	Jagadalla-I GP	Jagadalla	Chhanda Chatterjee Ph. No. : 9474814616	Arabinda Karmakar Ph. No. : 9153083496	Sumita Mondal (1 st ANM) [9153002342] Mithu Mondal (2 nd ANM) [9735649593]
2	Jagadalla-I GP	Banshi	Do	Himadri Sengupta Ph. No. : 9474630886	Dipti Kar (1 st ANM) [9434189694] Tamasa Dhabal (2 nd ANM) [9474427956]
		Patakola	Do	Do	Do

BLOCK : Barjora

Details of Health Personnel engaged at the affected area :

Sl No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Maliara	Pingruie	Jharna Khan 9647527124		Krishna Khandelwal- 9647903145
2	Ghutgoria	Sitarampur	Jiten Banerjee, 8642884886		Anita Banerjee, 9434361627
3	Pakhanna	Baramana			Mousumi Chel, 9476216582
4	Brindabanpur	Kanai, Namai	Bibha Rani Mahato		Tinku Mondal, 8348906501
5	Barjora	Chhoto Mana	Tapati Banerjee 9635924120		Tinku Mondal, 8348906501



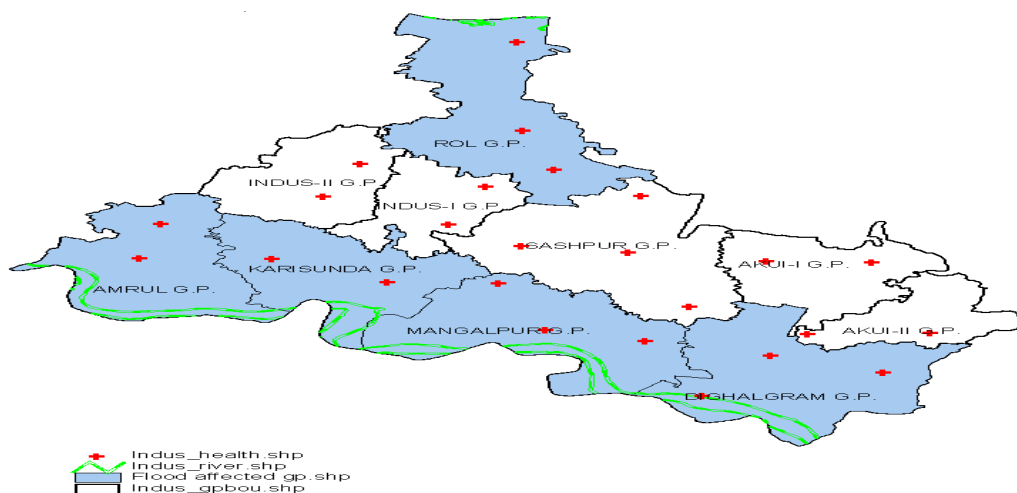
BLOCK : Indas

Details of Health Personnel engaged at the affected area :

Sl No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Rol	Bhagabatipur, Somsar, Vasna	Uma Saha 9474785665	Vacant	Soma Pandit 9732138734
2	Korisunda	Bhavapur, Sonarpur	Bani Sarkar 9434479899	Vacant	Dipusri Khan 8348724192
		Sekhdanga, Sanpura Coloni, Tetulmuri	Bani Sarkar 9434479899	Vacant	Sonali Biswas 9475729746
3	Amrul	Patraganti	Ila Basu 9564879493	Vacant	Tanusri Das 9093974905
		Gokulchak	Ila Basu 9564879493	Vacant	Mousumi Das 8900555362
4	Mongalpur	Balarampur	Vacant	Vacant	Dipali Karak 9474106451
		Betalon Coloni	Vacant	Vacant	Mandira Ghosh 8900328943
5	Dighalgram	Negatetul, Bamnia	Deb Kr. Dutta 9474455742	Vacant	Sonamoni Pal 9153447887
		Kishorekona, Boktarpur	Deb Kr. Dutta 9474455742	Vacant	Chandana Samanta 9641461638



FLOOD AFFECTED G.P. OF INDUS



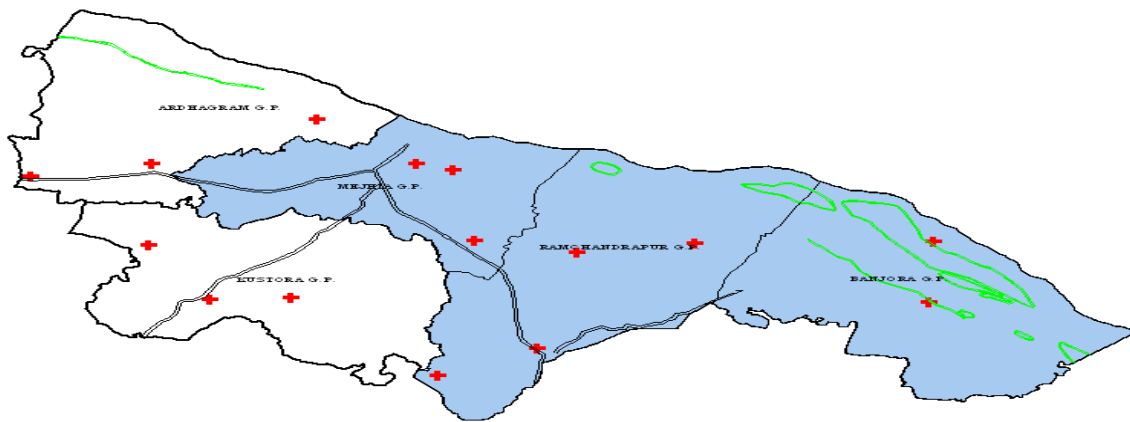
BLOCK : MEJHIA

Details of Health Personnel engaged at the affected area :

Sl No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Ramchandrapur	Telenda Mana & Kesab Mana & Balarampur Mana	Nil	Nil	Chaitali Bayen 9932423711 Sipra Sadhu 9378052326
2	Banjora	Jalanpur Ruidaspara & Bauripara,	Nil	Nil	Mohua Chakraborty 9635772529



FLOOD AFFECTED G.P. OF MEJIA



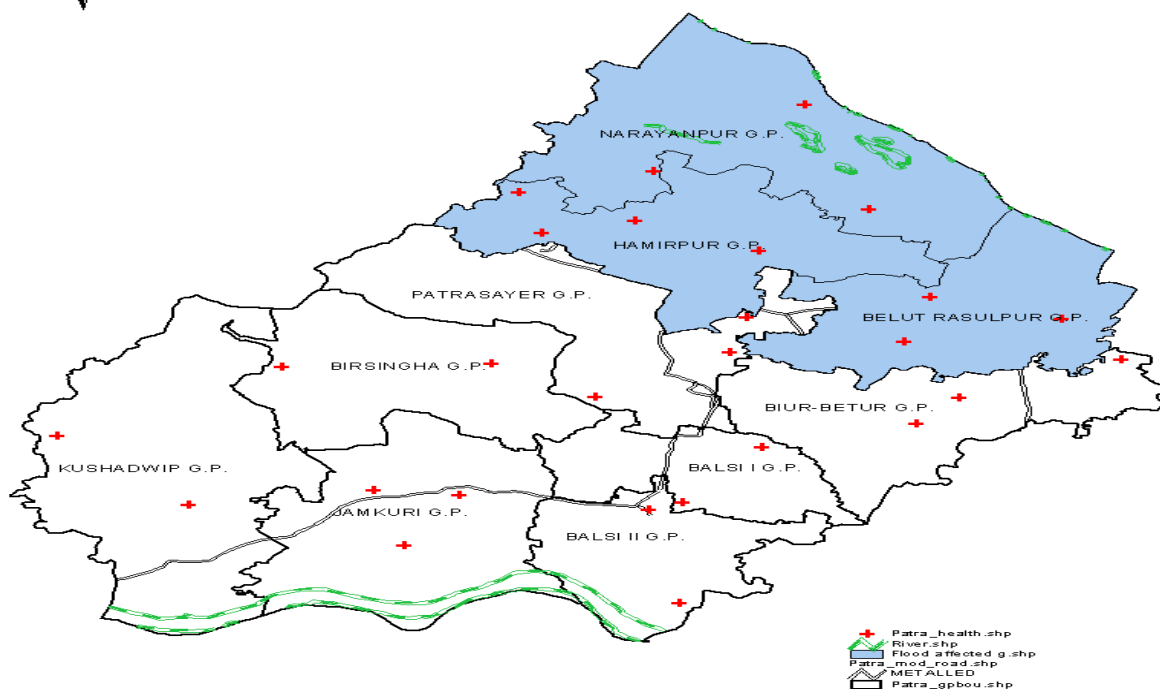
Road
 METALLED
 River
 health_centre.
 Flood affected G.P. of Mejia
 G.P. Boundary

Details of Health Personnel engaged at the affected area :- Patrasayer

Sl No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Narayanpur	Kamlasayer, Jaljola, Patashpur, Barasat, Panchpara, Chargobindapur	Alaka Das-9564671907	Vacant	Padma Bhandari (9474531353), Sanchita Koner (9832141569), Piu Roy (8900539932)
2	Belut Rasulpur	Salkhara, Mamudpur, Salkharachar	Sandha Pal-9474369114	Vacant	Sayanti Hazra (9863424015)
3	Hamirpur	Khosalpur, Nimainagar, Parulia, Misrapukur	Rina Pal-9474775055	Vacant	Susmita Halder (9474451930)
4	Kushadwip	Nakrakonda	Chhaya Ghosh (9476325578)	Vacant	Banana Sarkar (9475370275)
5	Jamkuri	Chatra	Chhaya Ghosh (9476325578)	Vacant	Saraswati Saha (9474145434)



FLOOD AFFECTED G.P. OF PATRASAYER



Details of Health Personnel engaged at the affected area :- Kotulpur

SI No	GP Name	Name of Village Affected	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Kotulpur	Kotulpur,Brambhadanga-466	Rina Biswas 8926758971		Sila Banerjee,8768201695
2	Madanmohanpur	Madanmohanpur, Nagar,Malakarpota, Bathuratapol,Nopukur	Bibha Chatterjee,947612 4419		Nandita Sen-9733968949 Chitra Koley-9474814031 Bani Choudhury-7583976784
3	Lowgram	Lowgram,Chotpagla, Dingal, Hatipara	Rupali Das- 8768809255	Asoke kr Roy- 9732072714	Tinku Kundu-9434664501 Rupa Mal-9732071282
4	Lego	Lego,Bagan,Ghatipara	Tapas Misra- 8670568730	Asoke kr Roy- 9732072714	Sefali Mukherjee- 8145071190

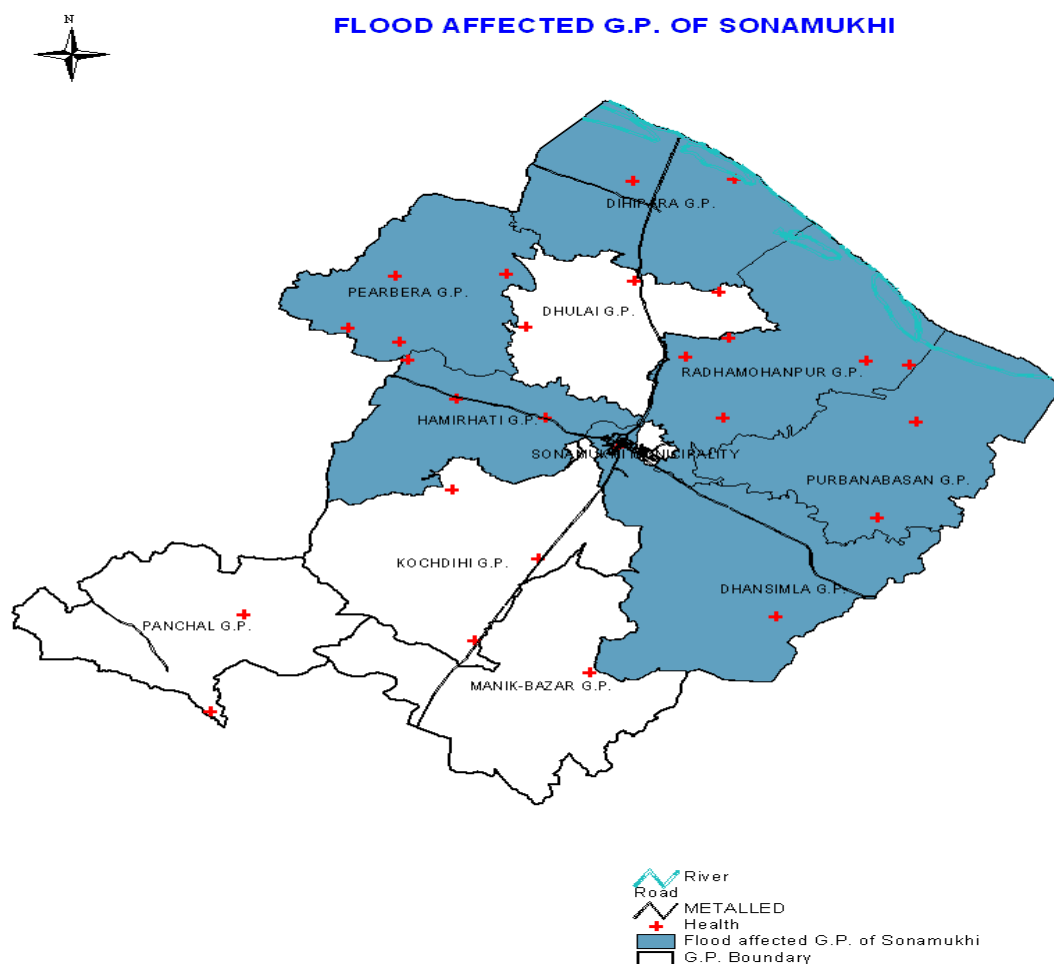
Details of Health Personnel engaged at the affected area of SALTORA :

SI No	GP Name	Name of Village Affected	Populati on of the Village	Name of the Supervisor & Ph No.	Name of the HA(M) & PH No.	Name of the HA(F) & PH No.
1	Salma	Kukrakuri	1018	Smt. Banani Barat (Mob. 8642896769)	Vacant	Smt. Jharna Maji, 2 nd A.N.M. (Mob. 9932444904)
2	Bamun tore	Iswarda	727	Vacant	Vacant	Smt. Atasi Acharya, H.A.(F) (Mob. 9593508767) Smt. Manju Maji, 2 nd A.N.M. (Mob.8768644049)

BLOCK : Sonamukhi Block

Details of Health Personnel engaged at the affected area :

Sl No	GP Name	Name of Village Affected	Name of the Supervisor	Name of the HA(M)	Name of the HA(F)
1	Radhamohanpur	Amritpara,Uttar Besia	Kajal Dhibar-9434629396	Vacant	Rimpa Pal-9477432140
2	Purba Nabason	Baramanachar ,Bhaglui	Satabdi Samanta	Vacant	Rituparna Mondal
3	Dhipara	Dhipara ,Lalbabachar	Basanti Sikdar-9679464448	Vacant	Supriya Mukherjee



**Name of affected blocks with health establishments based
on last 5 years data:**

SI No	Name of Affected Block	Number of affected GP	No. of affected population	Health establishments likely to be affected			
				RH	BPHC	PHC	SC
1	Indas	5	8500		Indas BPHC	Dighalgram Kenety PHC Kenety PHC	Kunjapur Amrul and Kenety Karisunda ,Gobindapur Somsar,Mongalpur
2.	Borjora	5	7854		Barjora BPHC	Pakhanna Chhandar Ghutgoria	Chhotomana SC Tajpur SC Maliara SC Ghutgoria SC Brindabanpur SC Barjora SC
3.	Sonamukhi	5	22000	Sonamukhi RH		Dhulai Panchal	Dhipara SC Rangamati Boromanachar, Amritpara SC Hamirhati SC Dhulai PHC Nabason SC
4.	Mejhia	4	8950		Mejhia BPHC	Ramchandra pur	Ramchandrapur PHC, Ardhagram SC Banjora SC Mejhia BPHC
5	Patrasayer	4	10269		Patrasayer BPHC	Kushadwip PHC, Balsi PHC	Narayanpur SC Belutrasulpur SC Kushadwip SC Balsi-II SC
6	Bankura-II	4	8775		Kanchanpur BPHC	Narrah PHC	Kostia SC Narrah PHC Kesiakole SC Sanbandha SC
7	Kotulpur	4	15000	Kotulpur		Lowgram Lego	Kotulpur GP SC Madanmohanpur SC Lowgram SC Lego SC
8	Bankura-I	1	4500		Anchuri BPHC		Jagadalla SC
9	Saltora	1	5000		Saltora		Bamuntore SC

Substitute place planned for health establishments likely to be affected

SI No. Block	Name of the Health establishment likely to be affected	Type of Health facility (DH/SD/SG/ RH/BPHC/ PHC	Alternative place where service delivery is planned to be shifted
Indas	Indas Kenety Dighalgram Kenety Korisunda Mongalpur Rol Amrul	BPHC, PHC PHC SC SC SC SC SC	Indas High School/BPHC Somsar High School, Amrul GP Office Bamnia High School Karisunda GP Office Colony jr. High school Santasram high school Nagatentu Jr. High school Kishorekona Pry school Tentulmuri colony SSK
Borjora	Pratappur Madhabpur Baramana Brindabanpur Barkura Chhandar Pakhanna Choto Mana	SC SC SC SC SC SC PHC SC	Sitarampur Pry. School Pingrui Pry.School Baramana High School Brindabanpur Pry.school Barkura Pry.School Chhandar High School Pakhanna Pri. School Chotomana Pri School Barjora BPHC
Sonamukhi	Amritpara Baramanachar Dhipara Rangamati	SC SC PHC SC	Amritpara Jn. High School Uttardesisa R.P.Primary School, Kurumpur Junior High School. Lalbabachar Sishu Shikha Kendra Uttarchar Primary School Rangamati UCM high school
Mejhia	Ramchandrapur Mejhia Ardhagram Banjora	PHC BPHC SC SC	Telendra mana Primary School Ramchandrapur Primary School Ardhagram Primary School Banjira Primary School Jalanpur Primary School Mejhia BPHC/High School
SI No. Block	Name of the Health establishment likely to be affected	Type of Health facility (DH/SD/SG/ RH/BPHC/ PHC	Alternative place where service delivery is planned to be shifted

Patrasayer	Narayanpur, Deulpara, Ghoradanga, Belut, Bijpur, Hamirpur, Khosalpur, Akharasal, Kushadwip	SC SC SC SC SC SC SC SC PHC	Narayanpur GP Office, Deulpara high school, Kamalasayer Primary School ,Barasath Primary School, Kanchpara Primary School, Gobindapur MSK, Balarampur Pimary School, Mamudpur Primary school, Belutrasulpur G.P,Office, Belut Pri School, Bijpur High School, Akharasal High School. Patrasayer BPHC
Bankura-I	Jagadalla-II	SC	Jagadalla Primary School Jagadahalla GP
Bankura-II	Sanbandha Bikna Kostia	SC SC SC	Musuria Hari Mela Kalaberia Hari Mela Narrah Pry. School Banki Pry. School Kesiakole Pry. School Sanbandha SC
Saltora	Bamuntore	SC	Bamuntore high School Bamuntore Primary School
Kotulpur	Siromonipur Khundanga Baidanga Madhuban Dashere Lowgram Kotulpur Madanmohanpur Lego	SC SC SC SC SC SC SC SC SC SC	Lowgram primary school Kotulpur BDO Office Nanagar Pry.School Bhagalpur Primary School Baidanga Jr.High School Madhuban Pry. School Amdohi High School Madanmohanpur High School Lego PHC

List of areas likely to be affected with proposed additional service point:-

Name of Block	Popuation at risk	additional service point planned with probable name of the place like school, GP office etc.		
		Probable no of mobile medical teams required	Temporary medical OPD service points (name of the place)	Temporary (24x7) medical service point with beds (name of the place)
Indas BPHC	Somsar , Bhagabatipur(5808) Amrul, Patraganti, Gokulchak-5800 Gobindapur (8440) Kunjapur (5090) Nagatentul,Bamnia(746) Kishorekna,Baktarpur(2042) Tentulmuri(80) Bhabapur(1530) Betalon Colony(725) Paschim Srirampur-550 Majhi para-474 Baidyachak+Sonarpur-1530 Mahamaya Colony-725	5	Somsar SC Amrul SC Gobindapur SC Kunjapur SC Dighalgram PHC Dighalgram PHC Karisunda SC Rol SC Mongalpur SC Majhipur pri school Sonarpur pri school	Somsar SC/somsar high school Kenety and Amrul SC Karisunda and Gobindapur SC Kunjapur SC Dighalgram PHC Dighalgram PHC Karisunda SC Rol SC Mongalpur SC Amrul SC Mongalpur SC Indas BPHC
Barjora BPHC	Pingrui-1996 Sitarampur-820 Baramana-3159 Kanai & Namai-387 Routora-702 Manachar-987 Bindabanpur-452 Maliara-East-569 Pratappur-456	2	Sitarampur Pry. School Pingrui Pry. School Baramana High School Brindabanpur Pry. School Barkura Pry. School Manachar Pri School Brindabanpur H.S Malaria H.S Pratap pur Pri. School	Barjora BPHC Barjora BPHC Barjora BPHC Beliatore PHC Beliatore PHC Baramana SC Bridabanpur SC Maliara East SC Pratappur SC Barjora SSH
Sonamukhi BPHC	Uttardesiachar-1445 Uttarpalsora-1147 Baglui-757,Lalbabachar-831 Uttarchar-367 Rangamati S Char-625 Moheshpur-500 Methra-500Baramana-1200 Amritpara-560,Majirdanga-358 Hamirhati-456,Nabason-890 Pearbera-560,Dhulai-450	3	AmritparaSC Baramanachar SC Dihipara SC Rangamati UCM high School Moheshpur Pri School Methara Pri School	Sonamukhi RH Dholai PHC

Mejhia BPHC	Telendramana-250 Kesabmana,Balarampur mana(Durgamana)-380 Jalanpur-280	4	R.C. Pur PHC, Jalangpur SC	RC Pur PHC
Patrasayer BPHC	Kamalasayer,(514) Jaljali, (339) Patashpur, (1579) Barasath, (1471) Kanchpara, (1185) Chargobindapur, (1237) Balarampur, (531) Salkhara, (1228) Mamudpur, (831) Salkharachar, (141) Nimainagar, (810) Khasalpur, (754) Parulia, (1878) Mishrapukur, (709) Chhatra, (467) Nekrakonda(174)	4	Narayanpur SC Deulpara SC Ghoradanga SC Belut SC Bijpur SC Hamirpur SC Khosalpur SC Akharasal SC Kusordeep SC	Patrasayer BPHC, Naldanga PHC, Kusordeep PHC Balsi PHC
Bankura-I	Banshi-4500	1	Jagadalla GP Jagadalla primari School	Anchuri BPHC
Bankura-II	Musuria-565 Narayanganj-398 Domney-482,Althia-775 Banki-275,Kusumbati-265 Janda-25,Akandboni-49 Chandrahati-388	2	Harimela Althya Pri. School Sarawati Club Janda Bouripara ICDS Centre Bikna SC	Kanchanpur BPHC
Saltora	Bamuntore-5000	1	Bamuntore HS Bamuntore GP Office	Saltora BPHC
Kotulpur	Lowgram -3500 Kotulpur-4300 Madanmohanpur-2300 Lego-2000	2	Lowgram primary school Lowgram PHC Madanmohanpur High School Lego PHC	Kotulpur RH

Communication (District Level):Bankura HD

Activity	Name of Nodal Office	Mobile No	Alternate responsible officer (in absence of Nodal Officer)	Mobile No
Overall	CMOH	9434130398	Nominated by CMOH	9434130398
Reporting	Dy. CMOH II	9674695297	Nominated by CMOH	9434130398
Logistics (Drugs)	Dy. CMOH I	9474632002	Nominated by CMOH	9434130398

Logistics (Transport)	Nominated by Dy.CMOH-I	9474632002	Nominated by CMOH	9434130398
Intersectoral coordination	CMOH	9434130398	Nominated by Dy.CMOH-II	7044582885
Media Management	CMOH	9434130398	Nominated by CMOH	7044582885

Communication (District Level):Bishnupur HD

Activity	Name of Nodal Office	Mobile No	Alternate responsible officer (in absence of Nodal Officer)	Mobile No
Overall	CMOH	8250555352	Nominated by CMOH	8250555352
Reporting	Dy. CMOH II	9874286050	Nominated by CMOH	8250555352
Logistics (Drugs)	Dy. CMOH I	9062541341	Nominated by CMOH	8250555352
Logistics (Transport)	Nominated by Dy.CMOH-I	9062541341	Nominated by CMOH	8250555352
Intersectoral coordination	CMOH	8250555352	Nominated by CMOH-II	9874286050
Media Management	CMOH	8250555352	Nominated by CMOH	8250555352

Names of Nodal officers (Sub division):

SI No	Health Facility	Nodal Officer with Designation	Mobile number
1	Bishnupur District Hospital	Dr.Prithwis Akhuli,Supdt.	9733751670
2	Khatra SDH	Dr. Ramesh Kishku,Supdt	8768474294
3	ACMOH Sadar Office	Dr.Asish Mondal,ACMOH Sadar	9434246447

District Rapid Response Team(DRRT) Members :Bankura HD

Name	Designation	Phone no.		E-mail
		Office	Mobile	
DR. NILOY CHAKRABORTY	DSO CUM DY. CMOH-II, BANKURA	03242-253847	9674695297	dycmoh2.bankura@gmail.com
DR. ASHISH MONDAL	ACMOH,SADAR,BANKURA	03242-251322	9434246447	acmohsadarbankura@gmail.com
DR.RAMESH KISKU	ACMOH,KHATRA SUBDIVISION		8768474294	kiskurames75@gmail.com

DR.TAPASI GHOSH	MICROBIOLOGIST		9433055533	
DR.REBATI RAMAN DAS	PHYSICIAN		9153725625	
DR.TAPAS GORAI	PHYSICIAN		9563627175	
DR.BIKASH PAL	PEDIATRICIAN		9474454441	
DR. A.P SARKAR	PUBLIC HEALTH SPECIALIST		9434251472	dradityaprasadsarkar@gmail.com
DR. SAMAR KUMAR PATI	PEDIATRICIAN		7602579181	
TANUSHREE DUTTA	EPIDEMIOLOGIST, NUHM	03242-253847	8900687288	epidemiologistbankura@gmail.com
BASANT KUMAR BEHERA	DISTRICT VBD CONSULTANT, BANKURA	03242-253847	9658584774	basanta7@gmail.com
SUMAN DAS MODAK	DISTRICT ENTOMOLOGIST	03242-253847	9614680051	sumandasmodak93@gmail.com
SAGNIK CHAKRABORTY	DISTRICT ENTOMOLOGIST	03242-253847	9475407966	sagnikbrahma@gmail.com
RIPAN MIDYA	DISTRICT DATA MANAGER	03242-253847	9434439183	ripan2007@gmail.com
DR.AMIT DEY	DEPUTY DIRECTOR ARD & PO		9932644461	
DR. CHINMOY CHAKRABORTY	ASSISTANT DIRECTOR ARD (D.I)		9434227342	

District Control Room Members :Bankura HD

SI No.	Name	Designation	Mobile No.
1.	Ripan Midya	District Data Manager	9434439183
2.	Apurba Bandyopadhyay	DEO	9434330909
3.	Dipangshu panda	UDC	8509828639
4.	Maloy Roy	DEO	9002614332
5.	Suman Shit	DEO	9333193819
6.	Basant Kr. Behera	VBDC	9658584774
7.	Shyamal Karmakar	Store Keeper/HA(M)	9679907440
8.	Biswajit Patra	HA(M)	9002114005
9.	Subhamoy Ghosh Hazra	HA(M)	9851143246
10.	Kanchan Banerjee	HI	9732279289
11.	Prasanta Kr. Pal	MT Lab	9434716601

Blockwise List of the Rapid Response Team(RRT) Members :Bankura HD

SI No.	Name of RH / BPHC	Name of Supdt / BMOH	Mobile No.	Name of BPHN/PHN	Mobile number	Name of The Pharmacist	Mobile Number
1.	Barjora BPHC	Dr. Koushik Gorai	9732215460	Hiramoni Mondal	7872082926	Abanibhusan Mandal	9434566581
2.	Mejhia BPHC	Dr.Nandan Bandyopadhyay	9474019510	Laxmi Samanta	9434151475	Beni Madhab Khan	9475373077
3.	Saltora BPHC	Dr. Shyamal Mukherjee	9932520835	Manasi Barman	8371870911	Saibal Karmakar	9474046255
4.	Anchuri BPHC	Dr. Birendra nath Soren	9434330905	Chandana Das	9474467951	Samiran Barman	9933411651
5.	Kanchanpur BPHC	Dr.Uttam Kapri	9434361553	Bandana Ghatak	9474449927	Badal Chand	9434392872

Blockwise List of the Rapid Response Team(RRT) Members :Bishnupur HD

SI No.	Name of RH / BPHC	Name of Supdt / BMOH	Mobile No.	Name of BPHN/PHN	Mobile number	Name of The Pharmacist	Mobile Number
6.	Indas BPHC	Dr. Koushik Pandey	8017507764	Pratima Koner	9474048083	Mahaswar Mallick	9434931891
7.	Sonamukhi RH	Dr. Priyo Kumar Sahana	9474776674	Uma Pandey	8961170018	Biswajit Dutta	9002776327
8.	Patrasayer BPHC	Dr. Priyadarshini Jash	9874229043	Rikta Mondal	9434525351	Sankar Das Roy	9732244604
9.	Kotulpur RH	Dr. Arun Kr. Das	9474043230	Sunita Bhoumik	9674651409	Sk. Sajahan	9474183888

Planning and deployment of Human Resource during flood / disaster situation: Bankura District

Category	Present availability (number)			Manpower (10%) who can be deployed to other place*		
	DH	SD/SSH	Block (include RH & BPHC)	DH	SD/SSH	Block (include RH & BPHC)
Specialist	0	80	30	0	8	3
Medical Officer	0	62	145	0	5	15
Nursing Staff	0	157	230	0	15	23
MPHW	0	35	725	0	4	72

Requirement of Material-Drugs to treat population likely to be affected by flood/ disaster:

Bleaching powder			Halogen tablet			ORS packet		
Stock		Need	Stock		Need	Stock		Need
DRS	periphery		DRS	periphery		DRS	periphery	
600 Drums	500 Drums	200 Drums	444000	350000	3,00,000	159000	250000	100000
Normal Saline			Ringer lactate			Injection AVS		
Stock		Need	Stock		Need	Stock		Need
DRS	periphery		DRS	periphery		DRS	periphery	
9253	150000	10000	25076	100000	10000	3510	5500	2000

Requirement of Material- Transport:

(to serve area & population likely to be affected by flood):

Motor Vehicles –30

No.Hiring charge – @30000/-

Boats-30

No.Hiring charge – @30000/-

Others-12

Type of vehicle with no –Bus,Zeep,20

Hiring charge – @ 100000/-

Other expenses:Rs. 200000/-

(Loading unloading, IEC)

Total amount required as contingency cost: Rs.600000/-

Member of the control room of respective RH: Sonamukhi

NAME	DESIGNATION	MOBILE NO
Dr. Priya Kr. Sahana	BMOH	9474776674
Dr. Tapan Bandyapadhyay	2 nd Medical Officer of Health	8609326856
Uma Pandey	BPHN	8981166443
Tapasi Ghosh	HA(M/F)	9531646022
Sudip Kr. Mukherjee	MT LAB	9153427202
Biswajit Mondal	PHARMACIST	9002776327
Debdip Das	DEO	9475356840

Member of the control room of respective BPHC: Saltora

NAME	DESIGNATION	MOBILE NO
Dr. Shyamal Mukherjee	BMOH	9932520835
Dr. Swapan Dutta	2 nd Medical Officer of Health	9434982919
Manasi Barman	BPHN	8371870911
Mousmi Bauri	HA(M/F)	9002381100
Sukanta Mondal	MT LAB	9434587858
Saibal Karmakar	PHARMACIST	9832574747
Jaganath Chatterjee	DEO	9434481039

Member of the control room of respective RH: Kotulpur

NAME	DESIGNATION	MOBILE NO
Dr. Arun Kr. Das	BMOH	9874162899
Dr. Madan Hembram	2 nd Medical Officer of Health	8436555595
Sunita Bhounik	BPHN	9674651409
Gopalkrishna Adhikary & Tripti Ghosh	HA(M/F)	9475747536 & 9474728776
Tapas Roy	MT LAB	9474379290
Sk. Sajahan	PHARMACIST	9474183888
Suman Mallick	DEO	7407101400

Member of the control room of respective BPHC: Indas

NAME	DESIGNATION	MOBILE NO
Dr.KOUSIK PANDA	BMOH	8017507764
SAURABH TUDU	2 nd Medical Officer of Health	9434362309
RAMA MALIK	BPHN	8902728623
SOMA PANDIT & DIPUSRI KHAN	HA(M/F)	9732138734 8348724192
SADHAN KUMAR SINGHABABU	MT LAB	9474568307
MAHESWAR MALLIK	PHARMACIST	9434931891
SARBANANDA BHATTACHARYA & ALOK BANERJEE	DEO	9434575874 9434626498

Member of the control room of respective BPHC: Patrasayer

NAME	DESIGNATION	MOBILE NO
Dr P Jash	BMOH	9874229043
Dr M Murmu	2 nd Medical Officer of Health	9735109067
Koushlya Dalui (Ghosh)	BPHN	9932929006 / 8159926283
Dilip Das	HA(M/F)	9830180244
Swapan Biswas	MT LAB	7384847063
1.Sujoy Neogi 2.Sankar Das Roy	PHARMACIST	9434442734 9732244604
1. Kajal Maji 2. Chinmoy Halder	DEO	9732409125 9564463101

Member of the control room of respective BPHC: Mejhia

NAME	DESIGNATION	MOBILE NO
Dr. Nandan Banerjee	BMOH	9474019510
Dr. Anik Biswas	2 nd Medical Officer of Health	9434524975
Laxmi Samanta	BPHN	9434151475
SIPRA MONDAL	HA(M/F)	7872607134
ASHUTOSH SHIL	MT LAB	9832296148
Beni madhab Khan	PHARMACIST	9475373077
Amit Maji	DEO	84362525240

Member of the Control room of respective BPHC: Barjora

Dr.Koushik Gorai	BMOH	9732215460
Dr. Satabdi Mondal	2 nd Medical Officer of Health	9434237542
Hiramoni Mondal	BPHN	7872082926
Basudeb Mukherjee	HA(M/F)	8972746435
Gour Ch. Gayen	MT LAB	9474674929
Abanibhusan Mandal	PHARMACIST	9474566581
Aju hossain Middy	DEO	8967332264

Member of the control room of respective BPHC: Kanchanpur

Dr. Uttam Kapri	BMOH	9434361553
Dr.Binita Pal	2 nd Medical Officer of Health	9434581644
Bandana Ghatak	BPHN	9474449927
Tarapada Paramanik	HA(M/F)	9832145522
Subhendu Chatterjee	MT LAB	9434480320
Badal Chand	PHARMACIST	9434392872
Biplob Mondal	DEO	

Member of the control room of respective BPHC: Anchuri

Dr.Birendranath Soren	BMOH	9434330905
Dr.Tapas Garai	2 nd Medical Officer	9563627175
Chandana Das	BPHN	9474467951
Umapada Shit	HA(M/F)	9475167189
Somnath Dutta	MT LAB	9474776174
Samiran Barman	PHARMACIST	9933411651
Koushik Das	DEO	9433129909

Inter and Intra sectorial co-ordinations

Convergence among Health, ICDS, and PRI agencies. Block Level

Sl. No.	Block	Designated Person	Contact No.
1	Saltora	Block Development Officer	8373052833
2		Sabhapati	8001101201
3		CDPO	8900001341

1	Sonamukhi	Block Development Officer	
2		Sabhapati	9434520179
3		CDPO	8900001340

1	Kotulpur	Block Development Officer	9475900076
2		Sabhapati	9434754748
3		CDPO	9434528697

1	Indas	Block Development Officer	9434754996
2		Sabhapati	7407111440
3		CDPO	8900001344

1	Patrasayer	Block Development Officer	8373052850
2		Sabhapati	9475686927
3		CDPO	8900001339

1	Barjora	Block Development Officer	8373052836
2		Sabhapati	8967691321
3		CDPO	8900001349

1	Mejhia	Block Development Officer	8373052834
2		Sabhapati	9609627402
3		CDPO	9434544782

1	Anchuri	Block Development Officer	8373052830
2		Sabhapati	9734228469
3		CDPO	9475622893

1	Kanchanpur	Block Development Officer	9475900058
2		Sabhapati	9635141431
3		CDPO	8900001354

PREPAREDNESS

IRRIGATION Department, Bankura

- NAME OF DIVISION : BANKURA IRRIGATION DIVISION , Kenduadihi , Bankura , Pin : 722102
- NAME OF CIRCLE : KANGSABATI CIRCLE UNDER SEPERINTENDING ENGINEER – I
- NAME OF Executive Engineer: A. K. Mondal.
- Contact No. : 03242- 254934 [Phone & Fax] Mob : 9434326615

MAIN CANAL JURISDICTION UNDER BANKURA IRRIGATION DIVISION

SL. NO.	NAME OF CANAL	LENGTH Chainage	OFF TAKE FROM CANAL	JURISDICTION WITHIN SUB-DIV.	BLOCK	Gram Panchayets
1.	Bishnupur Branch Canal (B.B.C.)	1515	317.80 ch of IMC	B.I. SUB DIV.	Indpur, Onda	Brajarajpur, Gourbazar, Indpur, Kalyani.
				K.C.SUB DIV. XVIII	Onda	Ratanpur, Kalyani.
				K.C.SUB DIV. VI	Taldangra,	Taldangra, Fulmoti.
				V.I. SUB DIV.	Onda, Taldangra.	Nakaijuri, Satmouli, Katabari
2.	SIMLAPAL BRANCH CANAL (S. B. C.)	980.22	317.80 of IMC	K.C.SUB DIV. VI	Indpur, Taldangra, Simlapal.	Brajarajpur, Khalgram, Harmasra, Bibarda, Machatora, Simlapal.

RIVER BANK UNDER BANKURA IRRIGATION DIVISION (UNDER KANGSABATI CIRCLE)

All River Banks within Bankura Distict namely Kangsabati, Dwarakeswar, Gandheswari, Silabati, Berai, Tarafeni, & Joyponda, are under the Jurisdiction of Bankura Irrigation Division.

**NAME & PHONE NO. OF DIFFERENT DIVISIONS OF KANGSABATI CIRCLE WHOSE JURISDICTION LIES
WITHIN BANKURA DISTRICT.**

Sl.No.	Name of Division	Ph. No.
1.	K.C. Division No.-I, Amlagora, Paschim Medinipur.	03227-265073, 03227-265077
2.	K.C. Division No.-II, Khatra, Bankura.	03243-255236
3.	K.C. Division No.-III, Bishnupur, Bankura.	03244-252074
4.	K.C. Division No.-V, Jhargram, Paschim Medinipur	03221-255094
5.	B.I. Division, Bankura.	03242-254934

REPORT RELATED TO DUTY OF KANGSABATI FLOOD CONTROLL ROOM DURING FLOOD SEASON

- Like previous years Flood Control Room opens from 1st June to 31st October in this year 2018.
- Flood Duty provided to all staff under Kangsabati Circle, Bankura & Kangsabati Design Division, Bankura & B.I.Division, Bankura.

In working Day	In Holiday
Duty Hour from 8.30 A.m-10.30A.M & 5.30 P.M to 8.30P.M. (In one shift)	Duty Hour 1 st shift: from 8.30 A.m-2.00P.M 2nd Shift: from 2.00 P.M to 8.30P.M. (In Two Shift)
One Staff (S.D.O/S.A.E/Clerical/Work Assistant)	Two Staff (S.D.O/S.A.E/Clerical/Work Assistant) & One Group-D Staff in each staff.

- Daily Flood Reports are transmitted to the **Central Flood Control Cell, Jalsampad Bhaban,** Saltlake City, Kolkata-91 (No.-033-2321-8341) & West Midnapur Division over telephone.
- The flood forecasting Reports are collected from C.W.C installed at B.I.Division, Bankura.
- Phone No of Kangsatabati Circle Flood Control Room installed at Bankura Irrigation Division.- 03242-254934
- There are no Flood protective Embankments within the jurisdiction of Kangsabati Circle.
- Departmental Vehicles are arranged to meet up emergency requirement during flood period.
- Flood Cell is controlled by the Superintending Engineer-I, Kangsabati Circle. (Ph. No.-03242-250322, 254934)

STATEMENT SHOWING THE CONTROL ROOMS & LIST OF NODAL OFFICERS OF I & W. DEPARTMENT
DURING THE FLOOD SEASON.

Sl. No.	Station	Name & Address of Co-Ordinating Officer	Telephone & FAX No.	
			Telephone No.	Fax NO.
1.	State Head Quarters CONTROL ROOM	Director, Advance Planning, Project Evaluation Cell, I&W. Dte. Jalsampad Bhawan, Kol-91	033-23370281	033-2334-6245
2. A.	Bankura KANGSABATI CIRCLE CONTROL ROOM	Superintending Engineer-I, Kangsabati Circle.	03242-250322	03242-250322
B.		Executive Engineer Kangsabati Design Division	03242-250322	03242-250322
C.		Executive Engineer Bankura Irrigation Division	03242-254934	03242-254934
3. A.	Khatra	Executive Engineer Kangsabati Canal Division No.-II	03243-255236	03243-255236
B.	Mukutmanipur DAM	S.D.O./K.L.B. Sub-Division No.-II	03243-253233	03243-255262
4.	Paschim Medinipur CONTROL ROOM	Executive Engineer West Medinipur Division Po. & Dist.-Medinipur	03222-275373	03222-275466

STATEMENT OF RIVER GAUGE STATION OF DIFFERENT RIVER SUB-BASIN
ALONG WITH DANGER LEVELS & EXTREME DANGER LEVELS WITHIN SOUTH WEST BENGAL

Sl. No.	Name of River Sub-Basin (Location of Gauge Station)	Danger Level in Meter	Extreme Danger Level in Meter
DWARAKESWAR			
	Arambag	17.220	17.830
	Shekepur	11.740	12.740
SILABATI			
	Gadghat	8.990	9.600
	Banka	15.080	15.680
KANGSABATI			
	Mohanpur	24.720	25.720
	Kalmijore	9.290	9.900
	Panskura	9.290	9.900

**AVERAGE ANNUAL RAINFALL OF DIFFERENT RAIN GAUGE STATION
UNDER KANGSABATI CIRCLE, BANKURA.**

Sl. No.	Name of Rain gauge station	Average Annual Rainfall
1.	Bankura	1645.24 mm (Av. from 2000-2009)
2.	Mukutmaipur	1544.54 mm (Av. from 2000-2009)
3.	Khariduar	1378.34 mm (Av. from 2004-2009)
4.	Purihansa	1535.24 mm (Av. from 2004-2009)
5.	Fulberia	1524.23 mm (Av. from 2004-2009)
6.	Tusuma	1350.63 mm (Av. from 2004-2009)
7.	Simulia	1221.97 mm (Av. from 2004-2009)

AVERAGE RAINFALL (IN MM) IN THE CATCHMENT AREA FROM 2010 TO 2017							
Year	NAME OF STATION						
	Mukutmaipur	Simulia	Purihansa	Khariduar	Tusuma	Fulberia	Bankura
2010	888.20	816.40	981.60	762.40	905.80	834.20	1407.00
2011	1614.20	1387.20	2007.20	1883.20	1893.80	1972.80	2166.40
2012	1292.80	1325.60	1908.00	1329.60	1232.40	1666.76	1591.51
2013	2289.20	1733.20	1870.00	1838.60	1986.20	2076.80	2216.20
2014	1022.80	963.40	1055.00	1016.40	965.80	1331.00	1453.60
2015	1355.00	1171.80	1457.40	1443.00	1233.40	1339.60	1314.80
2016	1419.80	1271.50	1676.20	569.00	1508.00	1359.60	1554.19
2017	1567.80	1659.20	2081.60	1204.80	1641.20	1388.80	1829.20
Total:	9882.00	8669.10	10955.40	8842.20	9725.40	10580.76	11703.70
Average:	1431.23	1291.04	1629.63	1255.88	1420.83	1496.20	1691.61

HIGH FLOOD LEVEL & DISCHARGE OF RIVER GANDHESWARI & DARAKESWAR AT BANKURA

NAME OF RIVER	H.F.L.	DISCHARGE DURING HIGH FLOOD	GAUGE POINT (UNDER K.L.B. SUB-DIVISION NO.-V)	HIGH FLOOD LEVEL OBSERVED IN WHICH YEAR
GANDHESWARI	255ft.	18,980 cusec	LOKHATORA	1980
DARAKESWAR	260 ft.	1,15,309 cusec	PATAKOLA	1995

PREPAREDNESS

AGRICULTURE Department, Bankura

DISASTER MANAGEMENT PLAN OF BANKURA DISTRICT DURING 2018-19

(AGRICULTURE DEPARTMENT)

Introduction :- The district of Bankura is well known as the drought prone district of the State.

Drought is a regular feature in the North-West part of the district covering Chatna, Saltora, Gangajal Ghandi, Barjora, Bankura-I, Bankura-II, Mejhia, Indpur, Hirbandh & Ranibandh Blocks.

Though a good amount of rainfall, around 1400 mm. is received annually, yet cultivation and production of crop which is the primary occupation and main source of economy of the people of this district, is almost uncertain, as the distribution of rainfall during rainy season, is very erratic. About 80 to 90% rainfall is generally received in the district from June to September, depending on the onset of monsoon.

A conspicuous feature of this district is significant shortfall rain in the month of September and October. High runoff rate of rain water, inadequate storage facilities of the surface –runoff water and inherent low water holding capacity of the soil aggravate the drought situation more vulnerable.

There is no drainage problem in the district due to its undulating topography of the land, still, the incidence of flood is also not rare following siltation of rivers resulting in overflowing in case of heavy rain.

However, heavy rainfall coupled with breaches of river embankments and release of excess water from Kangsabati and D.V.C Irrigation Project inundate Kharif Crop areas in different parts of the district specially, in the Bishnupur Sub-division.

Flood or flood like situation has attributed a new dimension to soil erosion by formation of "GULLY" due to tendency of the river (specially Shali at sonamukhi & at patrasayer block) to change its course of direction. This problem may interfere with the livelihood and habitat of the people, in the downstream areas in a severe manner in future.

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

To combat the situations, if occurred due to drought, flood or other Natural calamities a contingent planning is made from this end to cope with the situation.

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

1. Planning for Drought :-

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

- i)** Preparing seed bed in phases to get seedlings of proper age during transplanting availing favourable weather condition, long duration paddy varieties can be transplanted up to 1st week of September according to the land situation.
- ii)** High yielding Short duration varieties like Sahabhazi, GB-1, MTU-1010, can give good production if they are transplanted late. So, 10% seed stock may be made from those varieties.
- iii)** Construction of Earthen Bunds around the individual plot to harvest runoff water.
- iv)** Application of Organic Manure at recommended doses to improve water holding capacity of the soil.
- v)** Un-covered upland area may be covered according to the availability of moisture with pulses (crops like- Kalai) Oil seeds (like-Winter-Til, Toria etc.).
- vi)** In case of late arrival of monsoon in later part of July or early to mid part of August, rice can be cultivated following System of Rice Intensification (SRI) technology. In this technology seedling can be raised within 12-14 days. There is requirement of only 800 gm. to 1 kg. of Seed per bigha of Land. This technology is suitable in Baid (Upland) or Kanali (Medium) type of land stratification.
- vii)** Use of Drum-seeder is suitable for Rice cultivation. The germinated Seeds are directly sown in puddled soil. This will give uniform Crop growth and Yield will be at per the normal system.
- viii)** Application of 50% Nitrogen as basal dose and closer spacing with higher nos. of Seedlings per hill are to be practiced.

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

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

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

- i) In this situation life saving Irrigation should be given according to most critical period of growth where possible.

One thing is to be noted here that if the paddy fields are kept moist (under field capacity) at least for a period of 30 days (that is 15 days from panicle initiation up to grain formation stage) which will give an average or moderate production.

Intensive Rabi/summer cropping programme should be taken to compensate the kharif loss if rain is available in the month of November or December.

D) Occurrence of drought during Rabi-summer Season.

- i) Life saving irrigations has to be arranged from stored surface water as well as from ground water sources. In case of vegetables "Basin" irrigation system specially for gourds, pumpkins etc. which are grown in Mada.
- ii) In case of Mustard, Sunflower & Til lightest possible life saving irrigation should be provided. Furrow irrigation and locally called Jhapta Sech should be followed.
- iii) Now, micro-Irrigation sets like Sprinkler & Drip can be used for shallow & deep rooted crops respectively for economic use of water.
- iv) Boro Paddy growers should apply irrigation as soon as hair-cracking in the soil will be noticed the quantity of water used should not be more than requirement to attain the field capacity.
- v) The crop field should be kept weed free to avoid moisture loss.
- vi) Seepage losses of water from field channel should be checked.
- vii) Mulching materials like Straw, Up-rooted Bio-Mass of Weeds etc. may be used as Soil Mulch in the Rice field to conserve Soil Moisture.

With following the above practices water use efficiency will be increased by reducing its total requirement as a whole and simultaneously, optimum yield will be achieved.

2. PLANNING FOR FLOOD :-

- i) Early Flood :- (a) In case of early flood (July-Aug), Second transplantation may be made specially in Kanali & Bahal lands up to 15 th September to get some yield. Rabi Kalai, Winter Til etc. can be grown as alternative crop (s) in the up and medium lands where further transplantation is not possible. (b) Use of sufficient Organic matter to avoid detrimental effect of sand infiltration in the cultivable areas to some extent, if sand accumulation is high then it is to be excavated either manually or mechanically.

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

- ii) Late Flood :- (a) In this case when there is no scope for Kharif programme intensive Rabi/summer programme is necessary to mitigate the Kharif loss. (b) Use of sufficient Organic matter to avoid detrimental effect of sand infiltration in the cultivable areas to some extent, if sand accumulation is high then it is to be excavated either manually or mechanically.

DETAILS OF DISASTER MANAGEMENT (DROUGHT OR FLOOD) PLAN FOR THE YEAR 2018-2019

1. PLANNING FOR MANAGEMENT OF DROUGHT :-

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

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

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

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy (HYV)	35000	6 kg./kit	4667 ha.
2.	Black gram	1000	4 kg./kit	133 ha
3.	Rabi Kalai	20000	4 kg./kit	2667 ha.
4.	Linseed	1200	1 kg./kit	160 ha.
5.	Toria	20000	1 kg./kit	2667 ha.
6.	Winter Sesamum	1500	1 kg./kit	200 ha.
7.	Sunflower (Hybrid)	1500	1 kg./kit	2000 ha.
8.	Maize (Hybrid)	10000	3 kg./kit	1000 ha.

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

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

C) for Late draught :-

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

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

Following Minikits are required for distribution among drought affected Small & Marginal Farmers

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Wheat	30000	15 kg./kit	4000 ha.
2.	Mustard	60000	1 kg./kit	8000 ha.
3.	Lentil	30000	4 kg./kit	4000 ha.
4.	Gram	9000	4 kg./kit	1200 ha.
5.	Khesari	6000	4 kg./kit	800 ha.
6.	Summer Sesamum	30000	1 kg./kit	4000 ha.
7.	Summer Moong	2250	4 kg./kit	300 ha.
8.	Sunflower (Hybrid)	3750	1 kg./kit	500ha.

D) Draught during Rabi-Summer Season

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

Intensive Kharif Production program is necessary to mitigate Rabi-summer loss.

Following Minikits are required for distribution among drought affected Small & Marginal Farmers

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy	30000	6 kg./kit	4000 ha.
2.	Kalai	3750	4 kg./kit	500 ha.
3.	Arahar	3750	4 kg./kit	500 ha

1. PLANNING FOR MANAGEMENT OF FLOOD

A) Early Flood:

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

- Fund for Soil Conservation or land reclamation works ` 40.0 lakh
- Minikits for distribution among the flood affected small & marginal farmers.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy (HYV)	15000	6 kg./kit	2000 ha.
2.	Rabi Kalai	3750	4 kg./kit	500 ha.

B) For Late Flood.

- Fund for Soil conservation & land reclamation works ` 40.0 lakh
- Minikits for distribution among the flood affected small & marginal farmers.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Wheat	7500	15 kg./kit	1000 ha.
2.	Mustard	15000	1 kg./kit	2000 ha.
3.	Linseed	1500	1 kg./kit	200 ha.
4.	Gram	3000	4 kg./kit	400 ha.
5.	Khesari	3000	4 kg./kit	400 ha.
6.	Summer Sesamum	15000	1 kg./kit	2000 ha.
7.	Summer Moong	3000	4 kg./kit	400 ha.
8.	Sunflower	3000	1 kg./kit	600 ha.
9.	Lentil	7500	4 kg./kit	1000 ha.

2. HAIL STORM :- This is also of common occurrence in this District.

- Reconstruction measures are to be undertaken to make good the losses of the farmers.
- Sowing should be done to catch the season early so as to escape the natural peril which usually occur during end April and early May.

Management plan. :- Early sowing of Boro Paddy and other summer crops.

Following minikits are to be required for distribution among the Small & Marginal Farmers to compensate the Boro Paddy loss.

Sl. No.	Name of the Kit	Nos. of Kit	Size of Kit	Area to Covered
1.	Paddy (HYV)	15000	6 kg./kit	2000 ha.
2.	Maize (Hybrid)	3750	3 kg./kit	500 ha.
3.	Kalai	1500	4 kg./kit	200 ha.

3. LAND/SOIL EROSION :- This problem is due to tendency of the river to change its course of direction, resulting in the promotion of gullies at pin-point bends.

Nature of damage: - cultivable lands are rendered un-cultivable.

Management plan: - construction of dams/check dams and pin-point bands in the course of direction of the river.

The minikits will be supplied to the drought /flood/or other natural calamity affected farmers at free of cost.

Supply of minikits and taking up of soil conservation works/land reclamation works totally depend on approval of the scheme & placement of fund.

RAINFALL OF BANKURA DISTRICT FROM JANUARY 2013 TO 31ST DECEMBER' 2017 (IN MM.)

	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	Dec	Total
Normal	18.00	29.00	27.00	35.00	94.00	258.00	336.00	319.00	197.00	88.00	18.00	4.00	1423.00
2013	2.40	13.82	10.20	54.67	242.29	262.33	217.80	355.76	272.84	357.35	0	0	1789.46
2014	1.20	37.50	12.05	3.75	73.71	143.50	265.59	246.34	173.51	60.30	0	0.28	1017.73
2015	17.37	8.20	22.73	99.12	78.51	201.49	418.12	268.06	118.7	14.44	0	0	1246.74
2016	9.7	5.9	21.6	2.0	101.5	154.0	280.4	443.26	217.2	44.46	0	0	1280.02
2017	0.0	0.0	25.31	33.41	136.78	204.23	570.9	271.2	191.6	232.46	15.13	3.55	1684.57

Sl No.	Office	Address	Phone	Mobile	Email Id
1	Dy. D.A. (Admn.), Bankura	KrishiBhavan, Nutanchati, Bankura-722 101	03242-251083	9732162098	ddaadmnbankura@gmail.com
2	Asst. D.A. (Admn.), Bankura Sadar (North) Subdivision	KrishiBhavan, Nutanchati, Bankura-722 101	03242-251369	9434651540	adaadmnbankura@gmail.com
3	Asst. D.A., Bankura-I	BDO Complex, Poabagan, P.O.Bhagabandh, Bankura-722 146	03242-205101	8348335190	adabankura1@gmail.com
4	Asst. D.A., Bankura-II	BDO Complex, Bikna, P.O.- Kesiakole, Bankura-722 155	03242-256346	8010122366	adabankura2block@gmail.com
5	Asst. D.A., Chhatna	P.O.- Chhatna, Bankura-722 132	03242-277774	9434625746	adachhatna@gmail.com
6	Asst. D.A., Saltora	BDO Complex, P.O. Saltora, Bankura-722 158	03241-273278	9733958304	adasaltora@gmail.com
7	Asst. D.A., Mejhia	P.O.Mejhia, Bankura-722 143	03241-250664	9477474837	adamejhia@gmail.com
8	Asst. D.A., Gangajal Ghati	BDO Complex, P.O. Amarkanan, Bankura-722 133	03241-205127	9088535221	adagghati@gmail.com
9	Asst. D.A., Barjora	Vill + P.O. :- Barjora, Bankura-722 202	03241-256430	9434526880	adabarjora@gmail.com
10	Asst. D.A., Onda	BDO Complex, P.O. Onda, Bankura-722 144	03242-266371	9434223731	adaonda3@gmail.com
11	Asst. D.A. (Admn.), Khatra Subdivision	SDO Complex, P.O.Khatra, Bankura-722 140	03243-255280	9475687716	adaadmnkhatra255@gmail.com
12	Asst. D.A., Indpur	BDO Complex, P.O.- Indpur, Bankura-722 136	03242-260067	9434393552	ada.indpur@gmail.com
13	Asst. D.A., Khatra	Vill.+ P.O. Khatra, Bankura-722 140		9733767915	Khatraada@gmail.com
14	Asst. D.A., Hirbandh	Vill.+ P.O.Hirbandh, Bankura-722 121	03243-205141	9836571983	adahirbandh@gmail.com
15	Asst. D.A., Ranibandh	BDO Complex, P.O. Ranibandh, Bankura-722 148	03243-250626	9474970715	adaranibandh@gmail.com
16	Asst. D.A., Taldangra	BDO Complex, P.O. Taldangra, Bankura-722 152	03243-265080	9474309044	sayam.sk24@gmail.com
17	Asst. D.A., Simlapal	RMC, P.O. Simlapal, Bankura-722 151	03243-262904	9735711279	manojsmp66@gmail.com
18	Asst. D.A., Raipur	Raipur, Garh-Raipur, Bankura-722 134	03243-267840	9903766096	Adaraipur@gmail.com
19	Asst. D.A., Sarenga	Vill +P.O.- Sarenga, Bankura-722 150	03243-269640	9836259804	ada.sarenga@gmail.com
20	Asst. D.A. (Admn.), Bishnupur Subdivision	Bailapara, P.O.Bishnupur, Bankura-722 122	-	9434481005	saobishnupur@gmail.com
21	Asst. D.A., Bishnupur	Gopalgunj, P.O.Bishnupur, Bankura-722 122	-	9434183314	adabishnupur@gmail.com
22	Asst. D.A., Sonamukhi	BDO Complex, P.O. Sonamukhi, Bankura-722 207	-	9434314392	adasonamukhi@gmail.com
23	Asst. D.A., Patrasayer	BDO Complex, P.O. Patrasayer,	-	9614784820	ada.patrasayer1@gmail.com

		Bankura-722 206			
24	Asst. D.A., Indas	Vill.+ P.O. Indas, Bankura-722 205	-	9474832966	ada.indas@gmail.com
25	Asst. D.A., Joypur	Vill.+ P.O. Joypur, Bankura-722 138	-	9475835052	adajoypur@gmail.com
26	Asst. D.A., Kotulpur	BDO Complex, P.O. Kotulpur, Bankura-722 141	-	9475835052	adakotulpur@gmail.com

PREPAREDNESS

ANIMAL RESOURCES DEVELOPMENT DEPARTMENT,
Bankura

ACTION PLAN FOR NATURAL CALAMITIES 2018 – 19

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

The action plan may be classified in three phases :-

- A. PREPAREDNESS IN ANTICIPATION .**
- B. IMMEDIATE ACTION IN FACE OF CALAMITY .**
- C. POST CALAMITY ACTION .**

A. PREPAREDNESS IN ANTICIPATION

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

B. IMMEDIATE ACTION IN FACE OF CALAMITY :

- Opening control room at Block , Sub-Divisions District & State Level .
- Assessment of need based requirement of input materials (feed & fodder , medicine , vaccine) for affected livestock and communication of the same to the Govt.
- Procurement of feed from DAIRPOOL and fodder from PAO / local market ,Govt. farms medicine and vaccine to be distributed with the help of Block and Panchayat functionaries .
- Opening of Animal Health Camps immediately at the affected area near the temporary shelters with medicines and vaccines and assess the loss in respect of ARD .
- Initiation of carcass removal by arrangement with Civil Defence Organisation / Panchayat Functioneries & local Administration .

C. POST CALAMITY ACTION (Delayed Action):

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

EMERGENCY SUPPORT FUNCTION (ESF) PLAN

- I. Provision of emergency Support in the event of natural disaster in regard to the following are in the state .

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

II. Nodal Officer :-

The detail of Nodal Officer and the Alternate Nodal Officer for the purpose of coordinating Emergency Support are as under at District HQ.

Nodal Officer:

Name and Designation	Office address	Residential address	Phone with STD Code, e-mail
Dr. Somnath Maity Dy. Director, ARD&PO, Bankura	College More, PO & Dist. Bankura, Pin - 722101	School danga, Bankura	(03242-250098 /) (Mob. 7604010040) ddardbankura@darahwb.org

Alternate Nodal Officers :-

Name and Designation	Office address	Residential address	Phone with STD Code, e-mail
1. Dr. Amit De Dist. Vety. Officer, Bankura	College More, PO & Dist. Bankura, Pin – 722101	Collegemore,, Bankura	9932644461
2. Dr. Nandalal Mondal Assistant Superintendent of Live-stock (H.Q.), Bankura	College More, PO & Dist. Bankura, Pin – 722101	Gobindanagar Bus Stand, PO.- Kenduadihi Dist. Bankura, Pin – 722102	9434362166
3. Dr. Chinmoy Chakraborty A.D.(D.I) , Bankura	College More, PO & Dist. Bankura, Pin – 722101	College More, PO & Dist. Bankura, Pin – 722101	9733811225

III. Quick Response Team (QRT) at District Level :

Name/Designation/Office address	Phone No. With STD code, e-mail ID.
Member-I	
Assistant Director (D.I.), Bankura	9733811225
Member-II	
Assistant Director (C.M.S.), Bankura	9933094111
Member-III	
Assistant Director (Small Animal), Bankura	9800107519
Member-IV	
Assistant Superintendent of Live-stock (H.Q.), Bankura	9434362166
Member-V	
Rajarshi Tiwari, P.A. to DD,ARD & P.O, Bankura	9832757330
Member-VI	
Rajkumar De, U.D.C, Office of the DD,ARD & P.O, Bankura	7908640918 / 8434189716

And any other staff required in exigency of the situation as directed by DDARD & PO ,Bankura

SET UP CONTROL ROOM

Following officers are for dealing with natural calamities including cyclone of Bankura District

SN	AREA OF CONTROL ROOM	DESIGNATED PERSON	CONTACT NOs
1	District	DVO	9932644461 / 7604010621
		AD(DI)	9733811225 / 7604010622
		V.S. M.I. SEC. (DEO)	9433244388 / 7604010040
	Bankura Sub – Division	VO, SAHC, Bankura	9732512665/03242-253838
2	Bankura I	BLDO	9434140689/ 7604010627
3	Bankura II	BLDO	9434207233 / 7604010628
4	Chhatna	BLDO	9476480551 / 7604010630
5	Saltora	BLDO	9153198362 / 7604010643
6	G.Ghati	BLDO	9434207171 / 7604010631
7	Mejhia	BLDO	9733800072 / 7604010638
8	Barjora	BLDO	9434207234 / 7604010629
9	Onda	BLDO	9734055169 / 7604010639
10	Bishnupur S.D	VO, SAHC, Bishnupr	9932691811 / 8436558712
11	Bishnupur	BLDO	9434165142 / 7604010648
12	Joypur	BLDO	9732108894 / 7604010635
13	Kotulpur	BLDO	9434435860 / 7604010637
14	Indas	BLDO	9434672167 / 7604010634
15	Sonamukhi	BLDO	9734058249 / 7604010646
16	Patrasayer	BLDO	9434520330 / 7604010640
17	Khatra S.D.	VO, SAHC, Khatra	8927239813 / 9433433872
18	Taldangra	BLDO	8436337989 / 7604010647
19	Simlapal	BLDO	9734345865 / 7604010645
20	Raipur	BLDO	9474595120 / 7604010641
21	Sarenga	BLDO	9046838488 / 7604010644
22	Ranibandh	BLDO	9434638103 / 7604010642
23	Indpur	BLDO	9733567091 / 7604010633
24	Khatra	BLDO	9474564553 / 7604010636
25	Hirbandh	BLDO	9732522521 / 7604010632

In the light of experience of the previous years it may easily be apprehended that most of the blocks of this district are drought prone and few blocks are flood prone namely Mejhia, Barjora, Sonamukhi, Patrasayer ,Indas & Kotulpur block.

A. Latest livestock population as per livestock census 2012 in Bankura district :-

Cattle – 1551566, Buffalo – 98691, Sheep – 100819, Goat – 893912, Pig – 48363, Fowl –3137251, Duck – 730147

i.e. total livestock population – 2693351 and total birds – 3867398

- B.** Livestock population in flood prone Blocks in Bankura District (i.e. Mejhia, Barjora, Sonamukhi, Patrasayer, Indas & Kotulpur) cattle-308058; Buffalo-28776; Sheep – 4743, Goat – 253320, Pig – 8796, Fowl – 1121428, Duck – 288586
i.e. total livestock population in flood prone blocks 603693 and total birds – 1410014

C. Measure of preparedness: -

1. This office will request to the Asstt. Manager, West Bengal Dairy & Poultry Dev. Corp. Ltd., Salboni, Paschim Medinipur and Durgapur, Burdwan to furnish a list of the cattle feed dealers of the block who may be directed to keep a buffer stock to meet up the local requirement of cattle feed in the case of exigencies. Besides, it may be requested to supply the required quantity cattle feed to the blocks for relief work as and when necessary. (ACTION : DIST H/Q – DVO)

2. The Principal Agriculture Officer, Bankura will be requested to keep a buffer stock of paddy / wheat straws produced at the different block/ district seed farms which will be required for the cattle relief work in the event of flood. The Manager of the Agriculture Farm may be informed from their end accordingly well ahead. (ACTION : DIST H/Q) – AD, [SMALL ANIMAL]

3. Procurement of paddy straw locally or from the outside is very much difficult and troublesome due to scarcity as well as exorbitant rate of the same. In case of tremendous exigency it may be done through inviting quotation, which must be authenticated by the Supdt. of Agriculture Marketing Deptt. who is the authority in this respect. (ACTION : DIST H/Q) – AD, [SMALL ANIMAL]

4. Flood preparedness meeting with the Block Livestock Dev. Officers will be held at the district headquarters within **30th Jan.'18** where they will be directed to keep vigilance if any situation arises due to flood with close relation to the respective Block Dev. Officer.
(ACTION : DIST H/Q)

5. In the block level, Block Livestock Dev. Officers will monitor and assist in procurement and distribution of feeds, fodder and MSRS as well as Biological product with the help and suggestion of the executive officers of the respective Panchayet Samity.
(ACTION : DIST H/Q) { BLDO , AD[CMS] , AD[DI] }

6. In flood / emergency / other natural calamity district authority will be requested for the fund required to purchase additional medicines, feed and fodders etc. on the basis of the no. of animals and birds in the flood affected areas besides normal departmental supply.
(ACTION : DIST H/Q) { DDARD, DVO , AD[CMS] }

7. Arrangement to be sought for providing necessary relief to the affected livestock owner with the help of local administration and Panchayet machineries.
(ACTION : BLDO , LOCAL ADMINISTRATION)

8. Arrangement of marked boat / vehicle for Block Livestock Dev. Officers of the affected block for quick arrangement of animal health camp etc is to be made by the respective BDO.

(ACTION : BLDO , VO , LOCAL ADMINISTRATION)

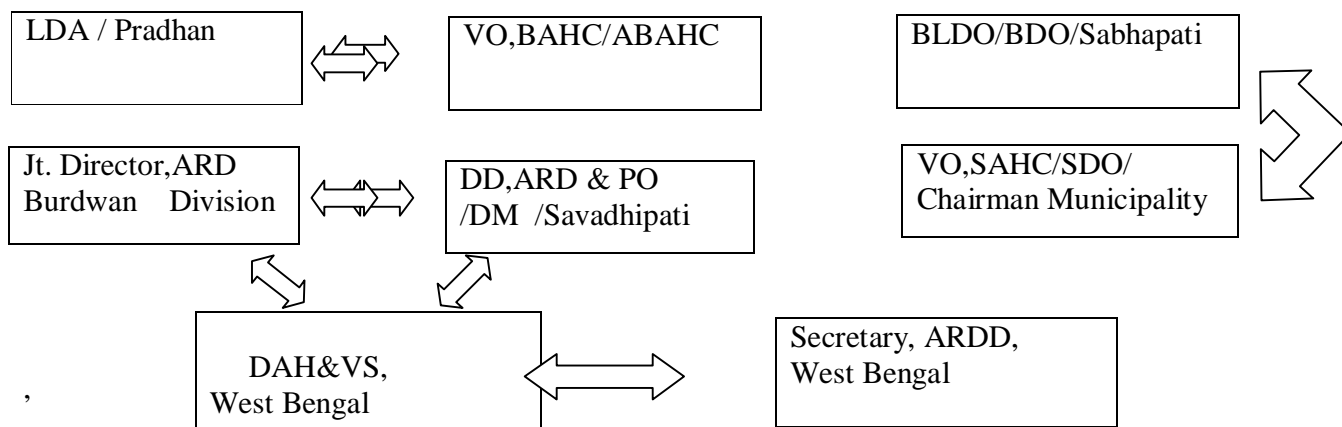
9. Arrangement of temporary shelter of livestock by the local bodies.

(ACTION : BLDO , VO , LOCAL ADMINISTRATION)

10. BLDOs will be requested to discuss the plan in their block level flood relief preparedness meeting and incorporate the same in the block level flood relief contingency plan.

11. Sufficient quantities of medicines , vaccines to be kept at Dist . H/Q as an emergency stock for combating any natural calamities . (ACTION : { AD[CMS] , AD [DI] }

12. The information flow route would be as under mentioned diagram.



13. Particulars relating to deployment of officers and staffs in different sectors with name and designation and requirement of fund will be placed to the Dist. Magistrate as and when required.

14. Approximate requirement of fund for flood situation – 10% livestock population is under risk taking into consideration i.e. no. of livestock – 60369

a) Calculation of concentrated dry feed for 7 days @250gms/animal Rs. 11,62,187/-
/day@Rs.1100/quintal = 1057 quintals X Rs.1100/-

b) Cost of medicine Rs. 5,00,000/-

c) Cost of paddy straw for 7 days @2 kg/animal/day Rs. 16,90,332/-
 @Rs.200/-/quintal

d) Contingency Rs. 1,00,000/-

Total requirement of fund

Rs. 21,90,332/-
 Or Rs.21,90,330/- (approx.)

15. Other than flood / flood like situation i.e. burn and lightening cases at different places

- a) Animal death due to lightening of small ruminants (sheep / goat) Rs.4,00,000/-
and large ruminants (cattle / buffalo)
- b) Animal death due to fire burn in cattle shelters Rs.3,00,000/-
- c) Death of poultry birds due to fire burn in shades Rs.2,00,000/-

Total requirement of fund

Rs.9,00,000 /-

16. **Scientific disposal of carcasses in any natural disaster:**

- a) Veterinarians (BLDO, VO, AD(VR&I), AD(DI)) will look after the technicality regarding scientific disposal of carcasses by skilled labourers engaged by the respective Gram Panchayet under the guidelines of Panchayet Samity. (Action : BLDO, VO & Block Administration)
- b) One incinerator (1000 kg / hour capacity), to be operated by bio-gas / diesel, to be purchased in each block. (Action : Block Administration)
- c) Engagement of one incinerator operator in each block. (Action : Block Administration)
- d) Unfertile Khas land away from water bodies to be searched for deep burial of carcasses. (Action : Block Administration, BLDO)
- e) Mobile No. of JCB owners to be collected for future needs, if required (Action : Local administration, BLDO)
- f) Mobile No. of owners of dumper / truck, with hydraulic system, to be collected for carrying dead animals to the site of burial / incineration. (Action : Block Administration)
- g) Carcasses covering bag made up of polythene to be procured. (Action : Block Administration)
- h) Sufficient quantity of lime to be kept ready. (Action : Block Administration)
- i) Disposable protective kits (head caps, hand gloves, masks, apron, shoe covers, etc.) to be procured for the carcasses' handlers and inspectors. (Action – Block Administration)
- j) All funds to be placed to BDOs' ends.

Approx. fund requirement in relation to scientific disposal of carcasses for each block

Component	Item X Cost	Total Fund Requirement (approx)	Remarks
a) Veterinarians will look after the technicality regarding scientific disposal of carcasses by skilled labourers engaged by the respective Gram Panchayet under the guidelines of Panchayet Samity. (Action : BLDO, VO & Block Administration)	100 Labourers x Rs.300/-	Rs.30000/-	
b) Installation of one incinerator (1000 kg / hour capacity), to be operated by bio-gas / diesel, to be purchased in each block. (Action : Block Administration)	22 Incinerators x Rs.1800000/-	Rs.39600000/-	
c) Engagement of one incinerator operator in each block. (Action : Block Administration)	22 Operators x Rs.6000/-	Rs.1,32,000/-	
d) Unfertile Khas land away from water bodies to be searched for deep burial of carcasses. (Action : Block Administration)	-	-	Land will be selected with the help of BDO, BL&LRO, BLDO &

			BDMO of the concerned block
e) Carcasses covering bag made up of polythene to be procured. (Action : Block Administration)	500 Bags X Rs.50	Rs.25,000/-	
f) Sufficient quantity of lime dust & bleaching powder to be kept ready	250 Bags (Lime dust) X Rs.200 50 Bags (B.Powder)	Rs.50,000/- Rs.40,000/-	
g) Disposable protective kits (head caps, hand gloves, masks, apron, shoe covers, etc.) to be procured for the carcasses' handlers and inspectors. (Action – Block Administration)	2200 Kits (@100 kits each block) X Rs.300/-	Rs.66,000/-	
h) Misc. (to disinfect vehicle, JCB, etc.)	22 Blocks x Rs.100000/-	Rs.2200000/-	
Total		Rs.42143000/-	

Grand Total of fund required = Rs.21,90,330/- (Sl.No.14) + Rs.9.00,000/- (Sl.No.15) + Rs.4,21,43,000/- (Sl.No.16) = Rs.4,52,33,330/- (Rupees four crore fifty lakh thirty three thousand three hundred thirty only)

17. Phone no. of proposed control room – 03242 – 250098 / 254935

18. Address of control room : O/o Deputy Director, ARD & Parishad Officer, College More, PO & Dist. Bankura – 722 101.

PREPAREDNESS

WBSEDCL, Bankura



West Bengal State Electricity Distribution Company Limited

Regional office
Bankura

Bidyut Prashasonik Bhavan
Lalbazar
P.O & Dist- Bankura

FAX : 03242-250271
Telephones : 03242-250880
03242-257447

Memo No.RO/BNK/Disaster Management/ 3136

Dtd. 09.03.2018

To,
The District Magistrate
Bankura District

Sub : Disaster Management Cell of W.B.S.E.D.C.L in the District of Bankura

Respected Madam,

This is for your information that for combating of any disaster like flood, Earth quake, severe storm or other calamities and preparedness towards maintenance/restoration of power supply in such situation and also to maintain safety of work/people/installations, a Control Room is being opened as appended below under Bankura, Bishnupur and Khatra Division in the District of Bankura in the following convenient 33/11 KV Sub-Stations as hereunder :

Supervising Officers and their contact number :

1. Sri T.K. Dey, Regional Manager, Regional Office, Bankura- Contact No.- 7449305480
2. Sri Chandan Kumar Mandal, Divisional Manager, Bankura Division- Contact No.- 7449305510
3. Sri Tirtha Mal, Divisional Manager, Bishnupur Division- Contact No.- 7449305550
4. Sri Sudip Das Modak, Divisional Manager, Khatra Division- Contact No.- 7449305600

Blocks & Municipalities to be covered under Bankura Division :

Municipality – Bankura : Blocks : Barjora, G.Ghat, Mejiã, Saltora, Chhatna, Bankura-I, Bankura-II, under Bankura Division

Blocks & Municipalities to be covered under Bishnupur Division :

Municipality – Bishnupur & Sonamukhi : Blocks : Sonamukhi, Bishnupur, Patrasayer, Indus, Kotulpur, Joypur, Onda under Bishnupur Division

Blocks & Municipalities to be covered under Khatra Division :

Municipality – NIL

Blocks : Indpur, Khatra, Hirbandh, Ranibandh, Taldangra, Simlapal, Raipur, Sarenga under Khatra Division

Necessary Inventory i.e Distribution Transformer, PCC Pole, Rail Pole, Conductor in different size, Insulators, Iron items and other related items are preserved in our Divisional Stores for the purpose.

DIVISION WISE CONTROL ROOM

Bankura Division:

MOBILE NO.	NAME OF OFFICER	DESIGNATION	OFFICE_NAME
7449305510	Chandan Kumar Mandal	D E And Divisional Manager	BANKURA DIVN.
7449305511	Suranjan Rakshit	AM(F&A)	BANKURA DIVN.
7449305512	Rajes Kundu	D.E(E)	BANKURA DIVN.
7449305513	Joydeep Hore	AE (Tech)	BANKURA DIVN.
7449305514	Krishna Pada Ruhidas	DE(IT & CS)	BANKURA DIVN.
7449305515	Sudhir Murmu	AM(HR&A) Acting	BANKURA DIVN.
7449305516	Pradip Mondal	AE & SM, Barjora	BARJORA CCC
7449305517	Anup Kr Mondal	AE & SM, Chhatna	CHHATNA CCC
7449305518	Biswanath De	AE & SM, GanjajalGhati	GANGAJAL GHATI CCC
7449305519	Biplab Mandy	AE & SM,Jhantipahari	JHANTIPAHARI CCC
7449305520	Bikash Dalal	AE & SM , Lalbazar	LALBAZAR CCC
7449305521	Endadul mondal	AE & SM,Patpur	PATPUR CCC
7449305522	Biswadeb Biswas	AE & SM,Saltora	SALTORA CCC
7449305523	Prasun Chowdhury	AE & SM,Schooldanga	SCHOOLDANGA CCC
7449305524	Ajit Kr Kundu	AE & SM,Beliatore	BELIATORE CCC
7449305525	Sandip Das	Sr SAE & SM, Mejia	MEJIA CCC

Bishnupur Division:

MOBILE NO.	NAME OF OFFICER	DESIGNATION	OFFICE_NAME
7449305550	Tirtha Mal	DE & DM	BISHNUPUR DIVN.
7449305551	Sunit Mondal	AE(TECH)	BISHNUPUR DIVN.
7449305552	Abhishek Biswas	AE(TECH)	BISHNUPUR DIVN.
7449305554	Sk. Rasid	AE(IT & C)	BISHNUPUR DIVN.
7449305555	Soumava Das	AM(HR&A)	BISHNUPUR DIVN.
7449305556	Sudip Debnath	AM(F & A)	BISHNUPUR DIVN.
7449305557	Joydeep Halder	AE & SM	BISHNUPUR CCC
7449305558	Avishek Ray	AE & SM	PATRASAYER CCC
7449305559	Arif Mondal	AE & SM	JOYPUR CCC
7449305560	Debabrata Sen	AE & SM	KOTULPUR CCC
7449305561	Apurba Srivastava	AE & SM	ONDA CCC
7449305562	Uttam Kumar Das	AE & SM	SONAMUKHI CCC
7449305563	Susanta Gorai	AE & SM	INDUS CCC
7449305564	Sushanta Kumar Bera	AE & SM	RADHANAGAR CCC

Khatra Division:

MOBILE NO.	NAME OF OFFICER	DESIGNATION	OFFICE_NAME
7449305600	Sudip Das Modak	Divisional Manager	KHATRA DIVN.
7449305601	Akbar Ali	Assistant Engineer(Tech)	KHATRA DIVN.
7449305602	Subhajit Bhowmick	A.E(It&C) & Dcc-Iq-Charge	KHATRA DIVN.
7449305603	Nanda Kishor Sharma	Assistant Engineer(Tech)	KHATRA DIVN.
7449305604	Souptik Sarkar	Assistant Manager (Hr&A)	KHATRA DIVN.
7449305605	Bijoy Das	Assistant Manager (F&A)	KHATRA DIVN.
7449305606	Md. Afroz Ahmad	A.E & Station Manager	INDPUR CCC
7449305607	Paritosh Kumar Baidya	A.E & Station Manager	HIRBANDH CCC
7449305608	Uddipta Bhaumik	A.E & Station Manager	KHATRA CCC
7449305609	Sayan Pattanayak	A.E & Station Manager	TALDANGRA CCC
7449305610	Santanu Dutta	A.E & Station Manager	SARENGA CCC
7449305611	Rajsekhar Gorai	A.E & Station Manager	SIMLAPAL CCC
7449305612	Goutam Kala	A.E & Station Manager	RAIPUR CCC
7449305613	Kuntal Manna	SAE & Station Manager	RANIBANDH CCC

Thanking you

Yours faithfully

(Signature) 07/3/18

(T. K. Dey)

Regional Manager

Bankura Regional Office, WBSEDCL

Memo No.RO/BNK/Disaster Management/279

Dtd.04/05/2017

Copy for information and necessary action to:-

- 1) The Chief Engineer(Distribution), WBSEDCL,Vidyut Bhaban,kol-91
- 2) The Zonal Manager,Midanapore Zone,WBSEDCL,Midnapore.
- 3) The D.E & Divisional Manager ,Bankura/Bishnupur/Khatra Division,WBSEDCL.
- 4) The Divisional Engineer(E),Regional Office,Bankura,WBSEDCL.
- 5) The Manager(F&A),Regional Office,Bankura,WBSEDCL.
- 6) The D.E(E)/Assistant Engineer(Tech-I & II),Bankura/Bishnupur/Khatra Division,WBSEDCL.
- 7) The Station Manager, Jhantipahari/Barjora/ Patpur/ Beliatore/ Schooldanga/ Chhatna/ Saltora/ Mejia/ G.Ghati/ Lalbazar/ Khatra/ Ranibandh/ Hirbandh/ Indpur/ Taldangra/ Simlapal/ Sarenga/ Raipur/ Radhanagar/ Bishnupur/ Kotulpur/ Indus/ Sonamukhi/ Joypur/ Patrasayer/ Onda CCC, WBSEDCL.
- 8) The Store In-Charge, Bankura/Bishnupur Divisional Store, W.B.S.E.D.C.L.
- 9) The Bankura/ Bishnupur/ Khatra 33/11 KV Sub-Station, W.B.S.E.D.C.L, Bankura District.
- 10) O/C

Regional Manager
Regional Office, Bankura

PREPAREDNESS

SP(DIB), Bankura

AN INTRODUCTORY NOTE ON DISASTER MANAGEMENT

In normal sense the word “**Disaster Management**” means the organisation and management of resources and responsibilities for dealing with all humanitarian aspects of emergencies, in particular preparedness, response and recovery in order to lessen the impact of disasters.

In context of the above subject it also can be defined the word “**Disaster Management Plan**” which need to be prepared for proper and effective implementation of any situation that may come in any emergency or relates to any disaster situation which help us to eliminate or reduce the impacts and risks of hazards through proactive measures. In other way its need can also be defined in such a way that **Disaster preparedness** need to measures taken to prepare for and reduce the effects of **disasters**.

There are mainly two types of disaster situation the first is by any natural means(Earthquake, Flood, Lands slide, Tsunami etc.) and the second is by man –made (War situation, chemical reaction, Nuclear effect etc). Like any other management scheme during making any Disaster Management scheme the following basic things need to be taken in consideration in both situations:

1. Prevention :

(To identify the risk factors to prevent and minimize the disaster)

2. Preparedness :

(To make preparedness for getting ready to cope up any emergent situation according to well prepared pre –tested scheme)

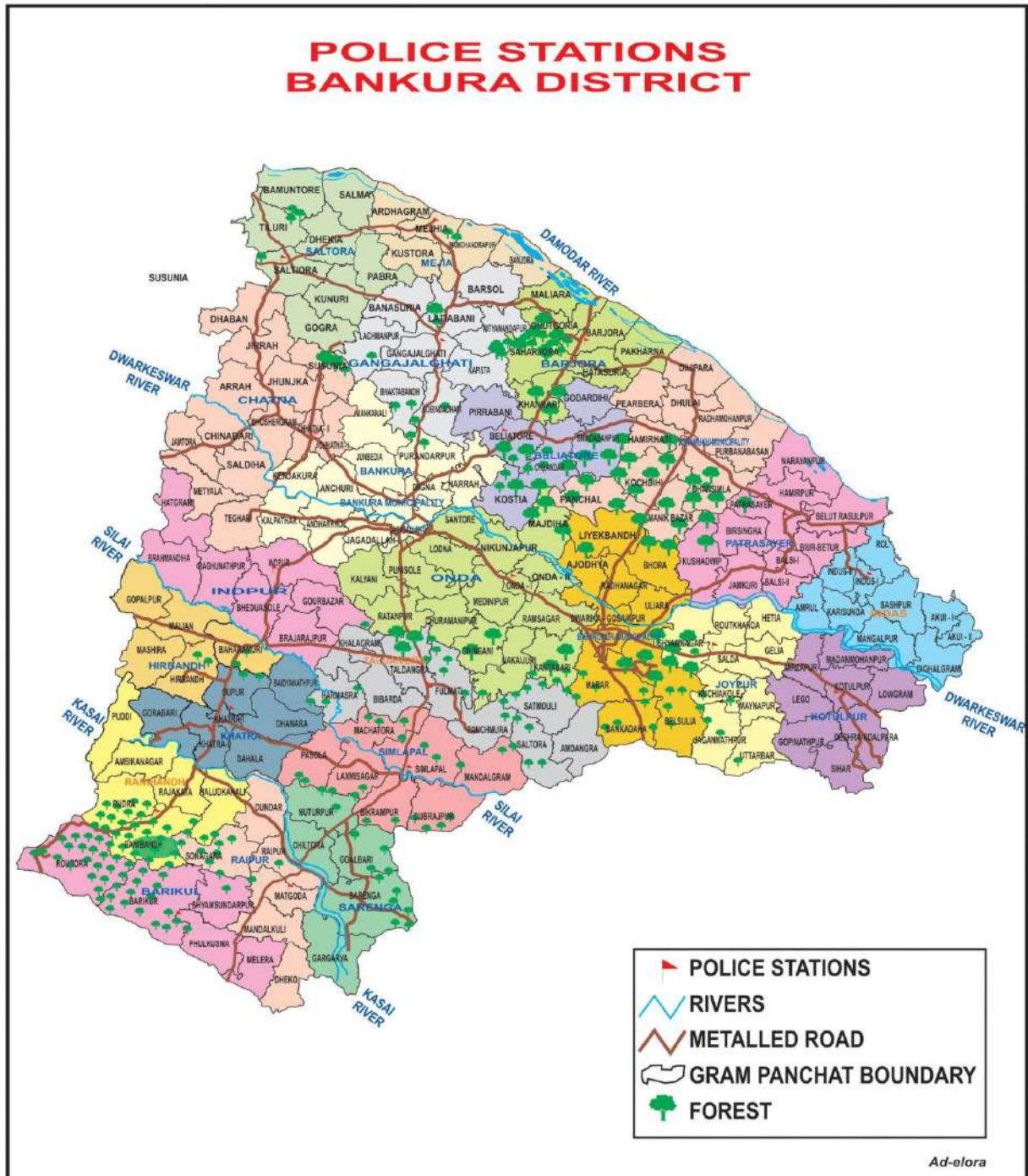
3. Response :

(To response promptly when disaster strikes by the well trained personnel according to their pre defined responsibilities).

4. Recovery:

(To start the recovery work for getting back to normalcy both for the disaster site and the affected population.)

BANKURA DISTRICT MAP



DISTRICT PROFILE AT A GLANCE:**NAME OF NATIONAL HIGHWAYS AND STATE HIGHWAYS PASSING THROUGHOUT THE DISTRICT:**

Date of Creation	In 1879, the district acquired its present shape with the thanas of Khatra and Raipur and the outpost of Simlapal being transferred from Manbhum, and the thanas of Sonamukhi, Kotulpur and Indas being retransferred from Burdwan. However, it was known for sometimes as West Burdwan and in 1881 came to be known as Bankura District
Area	6882 Sq. KM
District Boundary	Burdwan District on the North, West Midnapur District on the South, Purulia District on the West and Hooghly District on the East side of the Bankura District.
Population	Total:- 3,596,292 (As per Census 2011) Male-1,840,504, Female-1,755,788. Total Urban:-8.36%, Rural- 91.64%
Literacy	Total:- 2,264,013 (Male- 1,321,794 & Female- 942,219)
Number of Parliamentary Constituencies	02 (Bankura , Bishnupur)
Number of Assembly Constituencies	12 (Saltora, Chhatna, Ranibandh, raipur, Taldangra, Bankura, Barjora, Onda, Bishnupur, Indas, Kotulpur, Sonamukhi)
Number of Blocks	22 (Bankura-I, Bankura -II, Onda, Kotulpur, Joypur, Taldangra, Simlapal, Raipur, Sarenga, Ranibandh, Khatra, Hirbandh, Indpur, Chhatna, Saltora, Mejia, Gangajalghati, Borjora, Sonamukhi, Patrasayer, Indus, Bishnupur)
Number of Sub- Division	03 (Bankura Sadar, Bishnupur, Khatra)
Number of Police Sub-Division	02 (Bishnupur, Khatra)
Number of Zones under Addl. S.P. (Hq)	District HQ – Sadar Zone
Number of Zones under Addl. S.P. (Rural)	Bishnupur & Khatra Zone
Number of Municipality	03 (Bankura, Bishnupur, Sonamukhi)
Number of Police Stations	23 (Bankura, Onda, Kotulpur, Joypur, Taldangra, Simlapal, Raipur, Sarenga, Barikul, Ranibandh, Khatra, Hirbandh, Indpur, Chhatna, Saltora, Mejia, Gangajalghati, Borjora, Beliatore, Sonamukhi, Patrasayer, Indus, Bishnupur)
Number of Women Police Stations	02 (Bankura & Khatra)
Number of Police Circles	05 (Bankura Sadar, Gangajalghati, Indpur, Sonamukhi, Kotulpur)
Number of P.Ss under Inspector-In-Charge	09 (Bankura, Borjora, Bishnupur, Khatra, Ranibandh, Sarenga, Raipur, Simlapal & Barikul)
Number of OPs	16 (Jhantipahari OP, Ramchandrapur OP, MTPP OP, Maliara OP, Punisole OP, Gorabari OP, Dhagra OP, Kajalkura OP, Amdangra OP, Boxi OP, Telijant OP, Jhilimili OP, Mandaldiha OP, Radhanagar OP, Seromonipur OP, Akui OP)
Number of TOPs	07 ('A' TOP Bankura, 'B' TOP Bankura, 'C' TOP Bankura, Rajagram TOP, 'A' TOP Bishnupur, 'B' TOP Bishnupur, Sonamukhi TOP)

Name of the National Highways	Name of the State Highways
NH- 60 (Raniganj - Puri) NH-60A (Bankura-Purulia)	SH – 9 Bankura - Durgapur
	SH – 2 Bishnupur – Arambag
	SH - 9 [Bankura –Jhargram
	SH – 9 Bankura-Burdwan
	SH – 2 Bankura – Bandowan
	SH – 2 Bankura – Gobindpur
	SH – 4 Sarenga - Midnapore
	SH – 5 Jhilimili - Banspahari

NAME OF RAILWAY STATIONS IN THE DISTRICT:

Sl. No.	Name of the Railway Stations
1	Peardoba
2	Bishnupur
3	Ramsagar
4	Onda Gram
5	Bheduasole
6	Bankura
7	Anchuri
8	Chhatna
9	Jhantipahari
10	Bikna
11	Nabanda
12	Belboni
13	Beliatore
14	Chhandar
15	Brindabanpur
16	Srirampur
17	Hamirhati
18	Sonamukhi
19	Dhansimla
20	Patrasayer
21	Rasulpur

NAME OF RIVERS PASSING THROUGH THE DISTRICT:

Sl. No.	Name of the Rivers
1	Gandhaswari
2	Darakeshwar
3	Silaboti
4	Kangsaboti
5	Kumari
6	Damodar
7	Sali
8	Bodai
9	Joyponda
10	Orkosa

NAME OF TOURIST SPOTS:

Name of the PS	Name of the TOURIST SPOT
Khatra	Mukutmonipur Dam
Chhatna	Susunia
Barikul	Jhilimili, Sutan
Bishnupur	Bishnupur town [Heritage monuments of Malla Dynasty]
Kotulpur	Matri Mandir Joyrambati and Vivekananda Math and Mission at Haldi Bridge .
G.Ghati	Koro Pahar , Amarabati Hill Temple and Sali Dam.
Saltora PS	Beharinath Hill
Taldangra	Eco -Park

NAME OF IMPORTANT RELIGIOUS TEMPLES /MOSQUES/CHURCHES OF THE DISTRICT:

Name of the PS	Name of the important religious Temples/Mosques/Churches
Bishnupur	Chinnymasta Temple, Mahamaya Temple Ras Mencha
Chhatna	Maa Basuli Temple, Birth Place of Poet BORU CHANDIDAS.
Sarenga	Krishtiya Missionary Church.
Kotulpur	Matri Mandir - Joyrambati.
Patrasayer	Radhabindaban Temple at Birsingha/ Kalinjar Temple.
G'Ghati	Koro Temple
Joypur	Gokulchand Temple at Gokulnagar, salda , Jagatgouri Temple at Routhkhanda
Saltora	Biharinath Temple
Bankura	Ekteswar Temple, Mahamaya Temple, Bhairabsthan , Idgamahall Mosque , Schooldanga & Christaindanga Church .
Mejhia	Maa Durga Temple at Bhului
Beliatore	DharmarajJew Temple.
Taldangra	Ras Temple
Onda PS	Bolara –Siva Temple, Punisole Kadimia Jumma Mosque. Maa Mahamaya Temple. Sun Temple at Sonataple.
Sonamukhi	CHAND SAODAGAR Temple Shiva.

NAME OF IMPORTANT INDUSTRIES:

Name of the PSs	Name of the important industries
Chhatna	Ankit Metal & power Ltd. at Jorhira
Pratrasayer	Cement factory at Rasulpur
G.Ghati	Mejia thermal Power project (DVC)
Barjora	MB Ispat corporation Pvt. Ltd. Gobinda Impex Pvt. Ltd. Rishav Sponge Iron Pvt. Ltd. Cosmic Ferro Alloys Pvt. Ltd. Nilkamal Plustic Pvt. Ltd., M/S Monaksia Pvt. Ltd.
Bankura	Concast Bengal Industries Ltd.
Mejia	Maa Amba Sponge Iron Factory, Amiya Steel Factory, Dibyajoti Spong Iron Factory, Sova Spong Iron Factory,
Bishnupur	Megacity Cement Factory, Cresent Cement Factory, Farroo Alloys, Crescent Kintwear Pvt. Ltd., Ujala Pvt. Ltd., Cold Storages, Sarada Minerals Pvt. Ltd.

Preparedness

- Communication – Land line
 - Wireless Network
 - Mobile Network
- Mobilization of resources – expertise from private & Govt. Employees
- Evacuation – Use of vehicals to shift affeceted people of safer places
- Traffic regulations – Barricading / Posting of men to regulate traffic

FIRST AID AND TREATMENT-

Alert the Hospitals
 Arrange transport (Ambulances & other vehicles)

- Use of mega phones fitted to police vehicles to inform about – Help centers – Hospitals – casualties etc.

POLICE STRENGTH :-

Sl. No	Rank	Strength
01	SP	01
02	Addl SP	02
03	Dy. SP / SDPO	06
04	Inspectors	21
05	SIs	142
06	ASIs	209
07	Police Driver	24
08	Const	1059 (including 224 trg. reserve)
09	J. Const	883 (including 109 trg. reserve)
10	L. Const	229(including 01 trg. reserve)
11	J. L. Const	94 (including 10 trg. reserve)
12	NVF/LNVF	700 (Including – 13 Lady)
13	H.G / L. H.G.	432 (Including – 57 Lady)
14	CVF	4825
15	Village Police	189
Total		

COMMUNICATION PLAN

The district control Room and wireless station will transmit and receive messages in connection with the disaster and convey to the concerned authority. A dedicated line can be opened if the need arises.

Apart from the strong wireless & landline network, every police station have provided with mobile phones with cug plans carried by SHOs and supervisory officers and accessible round the clock. These mobile numbers are published in media for information of general public.

SHADOW ZONE :

In some remote areas of the jungle mahal of the district are identified as mobile shadow zone wherein special communication plan has been adopted by district authority through wireless, man pack etc.

2. LOGISTIC AND ARMS AND AMMUNITION RESOURCES :

Bankura district police have equipped with modern arms like AK 47, SLR, LMG, search Lights, Life Saving Jackets, Boomer Light , Reflector Batons & Jackets, Anti Sabotage Team. Night Vision Equipments, Sniffer Dog, Gas Cutters etc to tackle any law and order problem arising out of disaster

FUNCTIONS OF POLICE DURING CRISIS PERIOD:

- Cordoning off the area.
- Establish rescue safe routes.
- Shifting of all vehicles to the parking yards.
- Traffic Control.
- Assist in Controlling and fighting disaster, salvage operations, rendering first aid and medical health, shifting of affected to rallying post/ rescue shelters.
- Identification of deceased , informing their relatives, removal and disposal of dead bodies.
- Preparing the list of missing persons and to take steps to trace them.
- Maintain law and order.
- Regular patrolling of affected areas.
- Deploy adequate protection at the rescue shelter and at the place of incident of protection of property.

Sub Division wise plan.

- Bankura district has three sub-divisions viz. Bankura Sadar, Bishnupur and Khatra. All three sub-divisions have a separate resource and management plan to cope up with any emergent situation.
- Operations of the three sub-divisions supervise directly by the 2 Dy.S.Ps, @ SDPOs at their respective zones.
- Superintendent of police being assisted by Addl. S.P. will supervise all the operations.
- On receiving of the information, Dy.S.Ps/ SDPOs/ ICs / OCs will firstly communicate it to the control room and will take necessary primary measures to overcome the situation and if needed further re-enforcement or intervention will take place from HQ.
- In co-ordination with the concerned unit the movement of vehicles towards the PO may be restricted.
- Alert the hospitals , health centres to be prepared to treat the possible victims of the incident.
- Rush to the spot with maximum possible number of police staff.

SPECIAL PLAN FOR KHATRA SUB-DIVISION.

This is mainly the area of LWE movement having natural forest and hilly terrain throughout the Sub-Division which is the southernmost concluding slope of the Chhoto Nagpur Paltue.

The incidence of this Left Wing Extremism is mainly concentrated in the five (05) Police Stations of Khatra Sub-Division in this district, namely - Sarenga, Barikul, Ranibandh, Raipur and Simlapal.

Although after the change of government in the year 2011 the unrest situation in jungle Mahal area has almost been curbing down. Owing to the proper implementation of different development schemes, the people of Jungle Mahal who had derailed in previous days have again come to the main stream of society.

However, a special resource facilities and disaster plan has been imposed in that declared Naxalite areas. Deployment of manpower in that area is higher than the others. Specialized trained forces have been deployed in all those five Police Stations. Regular training, sensitization programme has been taken to enrich the quality of the Police force deployed there.

List of MPs, MLAs, Zilla Sabhadhipati & Chairpersons of Municipalities under Bankura district.

Sl. No.	Name of MP	PC No.	Party Affiliation	Contact No.
1	Srimati Debvarma (Moon Moon Sen)	36 Bankura PC	AITC	9831005595
2	Shri Soumitra Khan	37 Bishnupur (SC) PC	AITC	9434440527

Sl. No.	Name of MLA	AC No.	Party Affiliation	Contact No.
1	Shri Swapan Bauri	247 Saltora (SC)	AITC	9434627186
2	Shri Dharendra Nath Layek	248 Chhatna	RSP	9800035077
3	Smt. Sampa Daripa	252 Bankura	INC	9434014911
4	Shri Sujit Chakraborty	253 Barjora	CPI(M)	8116889401
5	Shri Arup Khan	254 Onda	AITC	9434202313
6	Shri Tushar Kanti Bhattacharya	255 Bishnupur	INC	9474735587
7	Shri Shyamal Santra	256 Kotulpur (SC)	AITC	8001991487
8	Shri Gurupada Mete	257 Indas (SC)	AITC	9434249459
9	Shri Ajit Ray	258 Sonamukhi (SC)	CPI(M)	9734292164
10	Smt. Jyotsna Mandi	249 Ranibandh (ST)	AITC	7699131070
11	Shri Birendranath Tudu	250 Raipur (ST)	AITC	9748713515
12	Shri Samir Chakraborty	251 Taldangra	AITC	9830020227

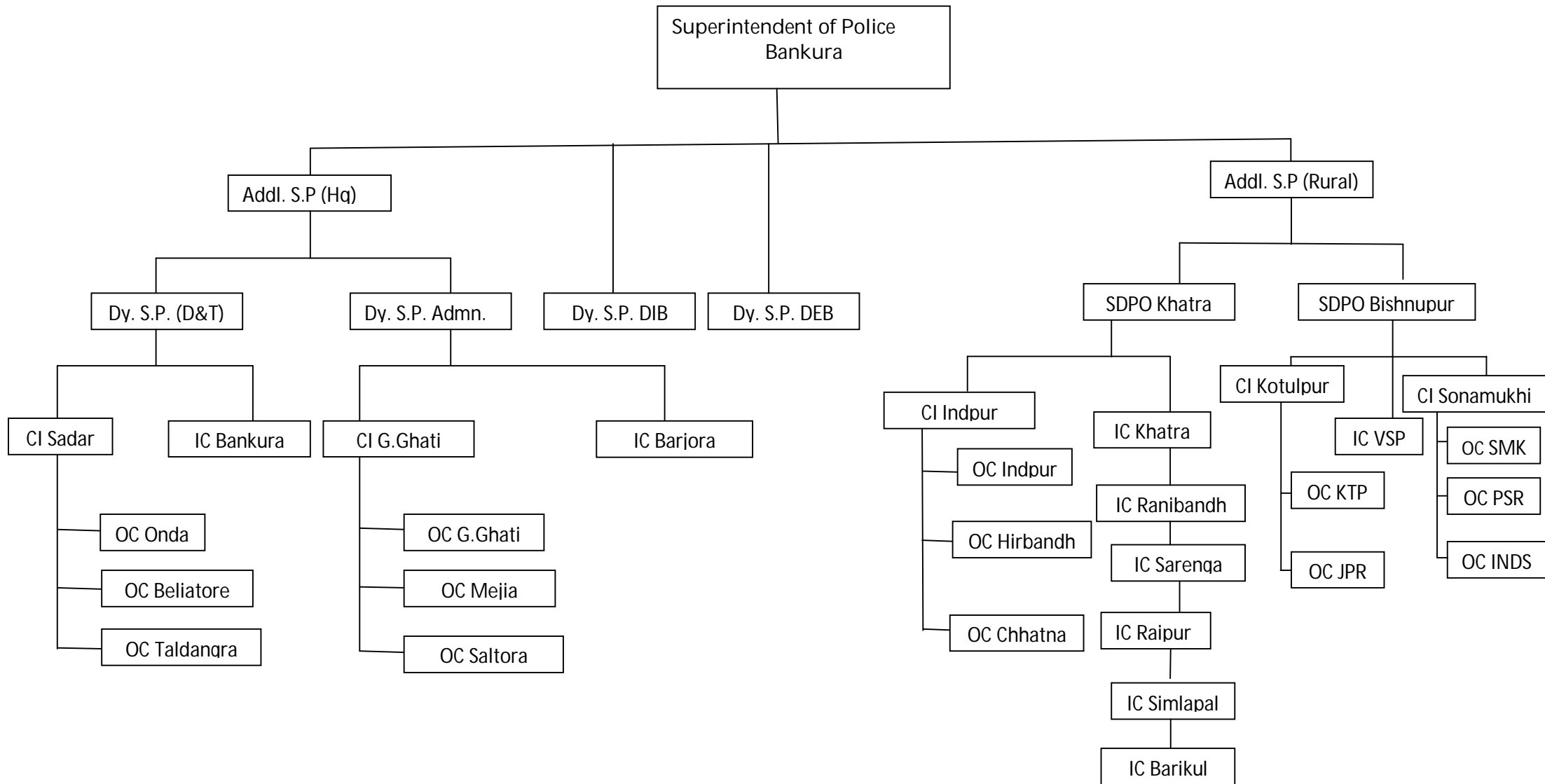
Sl. No.	Name of Sabhadhipati	Zilla Parishad	Party Affiliation	Contact No.
1	Shri Arup Chakraborty	Bankura	AITC	9434008755

Sl. No.	Name of Chairperson	Municipality	Party Affiliation	Contact No.
1	Shri Maha Prasad Sengupta	Bankura	AITC	9434115191
2	Shri Shyama Prasad Mukherjee	Bishnupur	AITC	9434744949
3	Shri Surajit Mukherjee	Sonamukhi	AITC	9434866030

IMPORTANT TELEPHONE NUMBERS OF BANKURA DISTRICT POLICE.

Sl No	Designation	Mobile No.
1	S.P Bankura	9083269300
2	Addl. S.P Bankura	9083269301
3	Addl. SP (Rural.) Bankura	9083269345
4	SDPO Khatra	9083269302
5	SDPO Bishnupur	9083269303
6	Dy.S.P (ADMN), Bankura	9083269304
7	Dy. S.P (D&T), Bankura	9083269305
8	Dy. S.P (DIB)	9083269306
9	Dy. S.P (DEB)	9083269307
10	DIO (I) DIB, Bankura.	9434001089
11.	DIO (II) DIB, Bankura.	9002399064
12	DIO (III) DIB, Bankura.	8250889360
13	Court Inspector Sadar Bankura	8348465436
14	Court Inspector Bishnupur	9830281222
15	DEB Inspector	9434154481
16	R.I Bankura	9083269342
17	Sr. Adjutant HG Bankura.	7797600805
18	C.I Sadar, Bankura	9083269308
19	C.I G.Ghati	9083269309
20	C.I Kotulpur	9083269310
21	C.I Sonamukhi	9083269311
22	C.I Indpur	9083269312
23	I.C Bankura PS	9083269313
24	I.C Barjora PS	9083269314
25	I.C Bishnupur PS	9083269315
26	I.C Khatra PS	9083269316
27	I.C Ranibandh PS	9083269317
28	I.C Sarenga PS	9083269318
29	I.C Raipur PS	9083269319
30	I.C Simlapal PS	9083269320
31	I.C Barikul PS	9083269332
32	O.C Onda PS	9083269321
33	O.C G.Ghati PS	9083269322
34	O.C Beliatore PS	9083269323
35	O.C Saltora PS	9083269324
36	O.C Mejia PS	9083269325
37	O.C Chhatna PS	9083269326
38	O.C Kotulpur PS	9083269327
39	O.C Patrasayer PS	9083269328
40	O.C Sonamukhi PS	9083269329
41	O.C Joypur PS	9083269330
42	O.C Indas PS	9083269331
43	O.C Hirbandh PS	9083269333
44	O.C Taldangra PS	9083269334
45	O.C Indpur PS	9083269335
46	O.C Women PS, Bankura	9083269336
47	O.C Women PS, Khatra	9083269337
48	O.C Traffic	9083269338
49	MTO, Bankura	9083269339
50	R.O, Bankura	9083269340
51	OC Watch, DIB Bankura	8001153153
52	OC C.R, Bankura	9083269343
53	OC Crime Cell	8145900643

DISTRICT POLICE AT – A GLANCE



PREPAREDNESS

FOOD & SUPPLY DEPARTMENT, Bankura

**Government of West Bengal
Office of the District Controller, Food & Supplies, Bankura**

Memo No: 472/DCF&S/BNK/18

Date: 18.05.2018

To
The Director of DDP&S
Food & Supplies Department
Government of West Bengal
11A Mirza Galib Street
Kolkata-87

Sub:- Plan for Pre-monsoon and Monsoon preparedness 2018.

Ref:- Order 1457-FS Dated 10.05.2018 of Food & Supplies Department & Memo No-1485 (22)/FMR/11S-9/09 dt. 16.05.2018 of the Director of DDP&S.

Sir,

With reference to above and in pursuance of the guidelines regarding action plan of Food & Supplies department envisaged in the aforesaid memo under reference, the following plan for Pre monsoon, cyclone & Flood preparedness for the year 2018 are mentioned below:-

1. All MR Distributors / Godown-in-charge have been directed to keep 100/200 MT Rice as rolling reserve stock in their godowns in flood prone areas as were done in last year for utilization at the time of exigencies.
2. All S.K.Oil Agents will keep a rolling reserve stock of 5 KL S.K. oil in their storage points in flood prone areas as were done in last year for utilization of the same at the time of exigencies.
3. All fair price shops in cyclone/flood prone areas will keep rolling reserve stock of rice by 5/10 MT and sufficient quantity of sugar, iodized salt and edible oil.
4. All SCF&Ss have been asked to submit a block wise list of Area Inspector with their Name and Mobile no to the Undersigned as well as to the respective SDOs and to arrange for opening a control room (24 hrs) facility at their respective level during the actual period of exigencies.
5. In addition to the above, all SCF&S have also been directed to identify and prepare a list of the shops of dry foods at their respective level and to share those list to the local general administration as well as to this end.
6. Further, all SCF&Ss will prepare their action plan towards Pre monsoon, cyclone & Flood preparedness for the year 2018 for their respective Sub-Division accordingly in conformity with the departmental guidelines mentioned in the aforesaid memos.
7. Moreover, a control room facility will be arranged at the district level at the time of exigency if required.

This is for your kind perusal and taking necessary action.

Yours Faithfully,


18/05/18
District Controller

Food & Supplies, Bankura

Memo No: 472/1(13)/DCF&S/BNK/18

Date: 18.05.2018

Copy forwarded for information and necessary action to:-

1. The Sabhadhipati, Bankura Zilla Parishad.
2. The District Magistrate, Bankura.
3. The Director, Dte. Of Consumer Goods, 11/A, MirzaGalib St., Kolkata-87
4. The Additional Secretary (Food), Food & Supplies Department, 11A, Mirza Galib Street, Kolkata-87.
5. The Additional District Magistrate (Dev), Bankura.
6. The DDMO, Bankura.
- 7-9. The SCF&S, Bankura/Bishnupur/Khatra – They are requested to act accordingly.
10. All Godown In Charges under DCF&S, Bankura.- They are requested to act accordingly.
11. The Secretary, S.K Oil Agent Association, Bankura District.
12. The Secretary, M.R. Distributor Association, Bankura District.
13. The Secretary, M.R. Dealer Association, Bankura District.


18/05/18
District Controller
Food & Supplies, Bankura.

PREPAREDNESS

Public health engineering, Bankura

HAZARDS, RISKS AND VULNERABILITIES OF THE FUNCTIONS OF PUBLIC HEALTH ENGINEERING DEPARTMENT

- The AE/SAE of the concerned department will present:

Reply: Yes, AE/SAE will be present.

- Nature of Drinking Water Infrastructure and its span in the Block:

Reply: Potable drinking water supplied twice in a day from 7:00 A.M. to 8:00 A.M. & from 4:00 P.M. to 6:00 P.M. if needed the supply hours may be altered / enhanced.

- Physical Vulnerabilities of the structures towards Natural Disasters like, Cyclone, Floods, Earthquake, Drought etc:

Reply: Taken care of as per codal provision.

- The current service Pattern of PHED Facilities at the Block and the major Seasonal Risks & Vulnerabilities:

Commissioned Piped water supply Schemes (other than BRGF Project)

1.	Bankura-I Block	: 5 nos.
2.	Bankura-II Block	: 2 nos.
3.	Barjora Block	: 4 nos.
4.	Bishnupur Block	: 2 nos.
5.	Chhatna Block	: 3 nos.
6.	Saltora Block	: 3 nos.
7.	Gangahalghati Block	: 2 nos.
8.	Indus Block	: 2 nos.
9.	Indpur Block	: 1 no.
10.	Joypur Block	: 4 nos.
11.	Khatra Block	: 2 nos.
12.	Kotulpur Block	: 3 nos.
13.	Mejia Block	: 2 nos.
14.	Onda Block	: 1 no.
15.	Patrasayer Block	: 2 nos.
16.	Raipur Block	: 3 nos.
17.	Ranibandh Block	: 1 no.
18.	Sarenga Block	: 4 nos.
19.	Simlapal Block	: 2 nos.
20.	Sonamukhi Block	: 2 nos.
21.	Taldangra Block	: 1 no.

Total No. of schemes : 51 Nos.

<u>Piped water supply scheme under BRGF (Ph-I).</u>	<u>Covering Blocks</u>	<u>Remarks</u>
1. Saltora Chhatna piped water supply scheme	Saltora, Chhatna	Fully Commissioned
2. Barjora, Bankura-I & II water supply scheme	Barjora, Bankura-I & II	Fully Commissioned
3. Onda water supply scheme	Onda	Fully Commissioned
4. Indus water supply scheme	Indus	Fully Commissioned
5. Simlapal water supply scheme	Simlapal	Fully Commissioned
6. Sarenga water supply scheme	Sarenga	Fully Commissioned
7. Bishnupur water supply scheme	Bishnupur	Fully Commissioned
8. Hirbandh, Khatra & Ranibandh water supply Scheme.	Hirbandh, Khatra & Ranibandh	Fully Commissioned
9. Raipur water supply scheme	Raipur	Ongoing

All schemes under BRGF (Ph-I) are expected to be completed by Mar' 18

- Any Special Programme facilities now in place towards creation of new infrastructure/ facilities or maintaining / renovating of the existing ones:

Reply: > Rejuvenation works of some old schemes are already started and some are waiting for sanctioned.

> 161 Nos. dual use solar pumps PWSS has been implemented at Simlapal, Sarenga, Raipur, Hirbandh.

> 60 Nos. dual use solar pumps PWSS are in progress in different Blocks (Progress 85%).

> In Bankura Municipality area dual use of solar pump PWSS are completed.

> One No Mobile Treatment Unit (M.T.U.) of production capacity 4000 Nos. Pouches / Hr. has been placed permanently at Bankura Town for combating the drought like situation.

> Piped Water Supply Scheme to Bankura District (Phase-II) funded by ADB has been taken up in view to cover the 08 (eight) Nos. of Blocks named as Mejia, Gangajalghati, Indpur, Taldangra, Sonamukhi, Joypur, Kotulpur, Patrasayer.

- The picture of Serving Potential now in place and the Command Area/ total services provided:

Reply: At present **63.70%** population of the district is getting water @ 70 Lpcd through the commissioned piped water supply scheme.

- The general Occurrence of drying of the sources of contamination of the Pipelines and consequent disasters:

Reply: Generally sources dried up during summer seasons. These dried sources will be recharge by providing bulk supply of water from the Mega water supply project covering 14 Blocks & two Municipalities for the district of Bankura under BRGF (Phase -I).

- What are the major problems generally noticed during the major Natural Disasters like, Cyclone, Floods, and Drought?

Reply: Bankura District is basically a drought prone district and drought like situation occurs during every summer. Extreme crisis of drinking water is noticed under this situation. Besides drought, flood like situation is also dominant at low lying areas of Sonamukhi, Indus, Patrasayer, Barjora, Mejia, Sarenga, Simlapal and Raipur Block etc. situated on either sides of river Damodar, Darakeswar, Silabati or Kansabati due to heavy rain fall or release of excess water by DVC authority or Irrigation authority. As most of the water supply schemes under Bankura Division, PHE Dte. are based on river bed tube wells so these schemes get affected during flood. Drought and flood are two major disasters that affect water supply schemes and water supply situation.

- What are the strategies of Disaster Management Plan of the Public Health Engineering Department?

Management Plan to combat drought :

1. Observation of declination of Ground Water Table.
2. Observation of decrease of yield of tube wells.
3. Surging of tube wells.
4. Repairing of damaged tube wells.
5. Sinking / re-sinking of tube wells.
6. Construction of well on river bed.
7. Lowering of pump or bowel assembly.
8. Increase of pumping hours.
9. Increase of street stand post.
10. Supply of water by tanks if necessary in the areas of acute crisis.
11. Arrangement of water pouch in the areas of acute crisis.
12. Minimization of wastage of water.
13. Setting up of control room.
14. Keeping close liaison with District & Local Administration.

15. No. & location of pumping station – Dedicated tanker filling point with sport arrangement – 3 nos.
16. Neat tube wells show room, Katjuridanga, from Ashna water supply scheme.
17. Near Rajagram Bridge, at the pump house for B.S.M.C. & H. water supply scheme.
18. Near S.D.O. Office at Khatra water supply scheme.
19. Water huts – 3 nos. community tanks under Kargahir water supply scheme.
20. Availability water tanker – Not available may be obtained from different block.

Management Plant to combat flood :

1. Supply of drinking water by tanks in the affected areas.
2. Sinking of tube wells at high land and rescue centers.
3. Raising of head of tube wells in water logged areas.
4. Repairing of damaged tube wells.
5. Disinfection of tube wells or other source of water after flood.
6. Disinfection of piped water supply scheme.
7. Surging, washing and development of tube wells.
8. Replacement of damaged / wash out river bed tube wells.
9. Repairing and restoration of damaged collecting lines of river bed tube wells.
10. Monitoring of water quality parameters.
11. Setting up of control room.
12. Keeping close liaison with District & Local Administration.

Control rooms : Following control rooms will function during drought.

Sl. No.	Address of control room	Members	Phone Number	
			Office	Mobile
1	Office of the Executive Engineer, Bankura Division, PHE Dte. Rabindra Sarani (Near Jail Road), Bankura	1. Rajesh Banerjee, E.E. 2. Sanjoy Mondal, A.E.(HQ) 3. Sajal Das, J.E. 4. Sambhunath Ghosh	(03242) 250269 / 250695	9674773270 9007941570 8370803488 9434587581
2	Office of the Executive Engineer, Bankura Mechanical Division, PHE Dte. Alakandi (P.H.E. Complex), Bankura	1. Dhrubojyoti Chakraborty, E.E.	(03242) 250573	9474149555
3	Office of the Assistant Engineer, RWS Bankura Sub-Division, PHE Dte. Gobindanagar, Bankura	1. Barendra Nath Dutta, A.E. 2. All J.E. under this Sub Divn.	(03242) 251129	8250317993
4	Office of the Assistant Engineer, Bankura Sadar Sub-Division, PHE Dte. Rabindra Sarani (Near Jail Road), Bankura	1. Dilip Kumar Chandra, A.E. 2. Sudhansu Sekhar Nandi, J.E. 3. Sanjib Mandal, J.E. 4. Asim Kumar Mukherjee, J.E. 5. Soumitra Kundu, J.E.	(03242) 250269	9434224283 9474930638 9732934913 9475355853 9434629239
5	Office of the Assistant Engineer, Bishnupur Sub-Division, PHE Dte. Near Bishnupur Municipality, P.O:Bishnupur, Bankura	1. Dilip Kumar Chandra, A.E. 2. Mousumi Mishra, J.E. 3. Jagannath Kundu, J.E. 4. Raghunath Rana, J.E.	(03244) 252104	9434224283 9434517434 9434527478 8918942600
6	Office of the Assistant Engineer, Khatra Sub-Division, PHE Dte. P.H.E. Complex, (Near S.D. Office) Khatra, Bankura	1. Abhijit Chatterjee, A.E. 2. Syamal Kumar Patra, J.E. 3. Nikhil Mandal, J.E.	(03243) 255194	9474035610 8670104727 7384767172
7	Mail Address:	Web site: www.wbphed.gov.in E-mail: ee_bank@wbphed.gov.in Helpline : 18003451001		

PREPAREDNESS

HORTICULTURE, Bankura

CONTINGENCY PLAN OF BANKURA DISTRICT DUE TO ATYPICAL WEATHER CONDITION

• **Crops and their Suggestive measure:**

Condition	Crop/Cropping system	Suggestive measure
Delayed Monsoon	Cucurbits (Pumpkin, cucumber, ridge gourd, bottle gourd, bitter gourd etc.)	<ul style="list-style-type: none"> • Prefer local cultivars • Prepare mounds in the furrow for sowing of seeds • Application of 150-250 ppm Ethrel (1.5-2.0 ml/10l of water) or 400 ppm (4 ml/10 l of water) maleic hydrazide twice, first at two true leaves of the plants i.e. 15 days after sowing and subsequently repeated 7 days after helps in increasing the yield • The crop needs to be trained over low trellis of 1.5m high above the ground • After 85 to 90 days of sowing, older leaves near the bottom of the vine are pruned • Timely control of downy mildew disease.
	Okra	<ul style="list-style-type: none"> • Prefer varieties like Arka Anamika, Arka Abhay, Pusa A-4, VRO-6, Azad Krishna (OP), Mahyco-12, No-152 (Hybrid) • Soaking the seeds in 0.2% Bavistin over night to protect the seedlings from wilt disease • 4-5 foliar sprays of Imidachlorpid (3.5 ml/ 10 l or Thiomethoxam (3.5 ml/ 10 l) to control whitefly
	Cabbage	<ul style="list-style-type: none"> • Raising of seed bed under transparent plastic cover • Spray the 15 days old seedlings with the starter solution of ammonium sulphate (50g/10litres of water) • Transplant healthy seedlings of 35-40 days old • Three foliar sprays of 0.3% borax after 20, 35 and 50 days after transplanting
	Brinjal	<ul style="list-style-type: none"> • Raising of seed bed under transparent plastic cover • After transplanting two foliar sprays of 0.5% ZnSO₄ and single spray of 0.15% CuSO₄ increase yield and quality of fruits.
	Cauliflower	<ul style="list-style-type: none"> • Raising of seed bed under transparent plastic cover • Spray the 15 days old seedlings with the starter solution of ammonium sulphate (50g/10litres of water) • Transplant healthy seedlings of 35-40 days old • Three foliar sprays of 0.3% borax after 20, 35 and 50 days after transplanting
Excess Rain fall	Cucurbits	<ul style="list-style-type: none"> • Drain excess water • Two sprays of 0.25% Fosetyl Al or Cyamoxanil-Mancozeb or Metalaxyl- Mancozeb at 10 days

		interval effectively control downy mildew disease.
	Okra	<ul style="list-style-type: none"> • Drain excess water • Four spraying of systemic Insecticides starting from 20 days after sowing at 10 days interval
	Brinjal	<ul style="list-style-type: none"> • Drain excess water • Clipping off the infested shoot by brinjal fruit and shoot borer at regular interval • spraying the crop with Cartap hydrochloride @ 1 g/l of water / Spinosad @ (0.15ml/l), 0.25% Carbaryl or 0.05% Endosulfan at the early flowering stage and after harvesting of fruits during bearing stage is very effective
	Cauliflower	<ul style="list-style-type: none"> • Drain excess water • Three sprays of 0.1% Ammonium molybdate 15, 30 and 45 days after transplanting.
	Cabbage	<ul style="list-style-type: none"> • Drain excess water • Spraying the crop with Cypermethrin @ 0.1% with sticker to control cabbage borer

Inundation Prone area:

Block	G.P.	Farmers Name	Contact No.
Onda	Kosthia GP	Gobinda Bhui, Musuria	9434637861
		Kartik Konar, Musuria	9732300667
Barjora	Borjora GP	Uttam Kar, Boromana	9564641374
		Swarajit Sikdar, Boroman	9332175572
	Pakhanna GP	Prasanta Bhowmik, Vill+P.O.- Pakhanna	8101659092
		Sukumar Mandal, Vill+P.O.- Pakhanna	9734761036
Sonamukhi	Radhamohanpur GP	Babu Sarkar, Vill- Uttar Benshia	8670884490
		Kiran Sankar Roy, Vill- Amritpara	8609191429
	Dhipara GP	Haripada Choudhury, Lalbaba char	9832240361
		Rina Ghosh, Lalbaba char	9609643188
	Purbanabasan GP	Bankim Biswas, Palsura	9635987619
		Ram Choudhuri, Palsura	8768456856
Patrasayer	Hamirpur GP	Sk Abdul Rezzak, Nalha	9933267824
		Azfar Middha, Halha	8016822655
	Belut-Rasulpur	Kartik Ghosh, Dayalpur	9800043366

Important Telephone No:

Sl. No.	Name of the Officer	Designation	Mobile
1	Dr. Malay Kr. Maji	Deputy Director of Horticulture (In-Charge), Bankura	9433565126
2	Mr. Kallol Adhikary	Assistant Director of Horticulture, Bishnupur	9088226576

DAM SAFETY

KANSABATI DIVISION - II, KHATRA, Bankura

Disaster Management for Kangsabati and Kumari dam During Flood Season

Plan for quantum of releases during rising flood condition

When reservoir level is rising due to flood inflow, releases at different reservoir elevation shall made as follows:

Reservoir elevation

R.L. 434.00 to R.L. 436.00
(i.e. till 50,000 ac.ft. flood
Reserve is used up)

R.L. 436.00 to R.L. 438.00
(i.e. till 1,00,000 ac.ft.
Flood Reserve is used up)

R.L. 438.00 to R.L. 441.00
(i.e. till 2,00,000 ac.ft.
Flood storage is used up)
Above R.L. 441.00

Quantum of release to be made

Outflow should be limited to
quantum of inflow or 60,000
cusecs whichever is less.

Out flow should be limited to
90,000 cusecs.

Out flow should be limited to
1,60,000 cusecs.

No restriction to outflow.
Gates should be fully

Plan for releases during receding flood.

Effort should , however , be made to bring down water level to R.L. 434.00 within 7 days of recession of flood, depending on the downstream valley condition.

Operation of spillway Gates from 16th October to 31st October.

The quantum of releases to be made at different reservoir elevation shall be as follows:-

Reservoir elevation

Up to R.L. 440.00
Above R.L. 440.00

Quantum of releases to be made.

No release.
Out flow should be equal to
In flow.

It may so happened that flood which has occurred prior to 16th October is still continuing and release are being made according to the schedule given in Para 5.2.1.3 above . In such cases lowering down of the reservoir would not normally be necessary below R.L. 440.00 The Chief Engineer (I), should be consulted before lowering down of reservoir level below R.L. 440.00.

(g) Location of Control room- Kangsabati Left Bank Sub-Division No.-II,
Mukutmonipur , just beside of Spillway gates.

(3) Hydrologic Data

(a)Arrangement for transmission / Collection of data.

<u>Data to be supplied to Mukutmonipur Control Room.</u>	<u>By whom to be supplied.</u>
i).Rainfall data in the catchment of Kangsabati and kumara river above Dam site.	Observers of the rainfall stations.
ii) Gauge and discharge at reservoir site.	Observer of the gauge and discharge observation station.
iii).Gauge and discharge observation Station at Ambikanagar.	----- Do ----- Superintending Engineer Kangsabati Project , till direct communication from Calcutta is arranged.
iv)Wheather forecast massages of the Indian Meteorological Department.	----- Do ----- till direct communication from Asansole is arranged.
v)Forecast messages of Central Flood Forecasting Cell , Central Water Commission.	Executive Engineer, West Midnapur Division.
vi)Gauge and discharge at Midnapur Anicut every three hours when the Level exceeds preliminary danger level and at 8am. Everyday when the level is below preliminary danger level.	Executive Engineer , West Midnapur Division.
vii)Flood condition in the lower Kangsabati Valley and the safe discharge the can be Released from Dam.	Executive Engineer , Bankura Irrigation Division.
viii)Gauge and discharge data in Silabati In Darakeswar & Kangsabati between Kangsabati Dam & Midnapur Anicut.	----- Do -----
ix)Flood condition Darakeswar & Silabati Valley.	

(c) Location & Type of all rain gauges.

Sl. No.	Location	Type of Rain Gauge	Long.	Lat.
1.	Simulia	Ordinary	88.11.28E	22.23.42N
2.	Tusuma	----- Do -----	86.37E	22.55N
3.	Kangsabati Dam	----- Do -----	86.21.36E	23.17.18N
4.	Kharidwar	----- Do -----	86.38E	23.00N
5.	Purihansa	----- Do -----	86.35E	23.03N
6.	Phulberia	----- Do -----	86.37E	22.55N

4)

(a) **Coverage of area by cellular phone service providers**- Vodafone, Airtel & BSNL. Are good service provider.

(b) **Coverage of Internet** –Broadband connection is best .

5) **Circulation Information regarding Release Excess water through Kangsabati Spillway:**
Prior releasing excess water for mitigation of flood all surrounding district officials as well as Sub divisional level are informed through SMS for taking necessary action.

6) **Checking Safety and stability Of Kangsabati Dam:**

Dam safety and stability both are being observed by WAPCOS limited .Co and necessary survey work and structural strength testing are in progress as per direction of Irrigation and waterways Department.

IMPORTANT TELEPHONE NUMBERS

STATE LEVEL

Name	Office	Mobile	e-mail
Principal Secretary, Department of Disaster Management	033-22143674	900715422	ps.dmd_wb@nic.in
Joint Secretary, Department of Disaster Management	033-22141938	9434451442	wbdmeoc@gmail.com
Director of Disaster Management, Tran Bhavan	033-22275820	9830442956	ddmdirector2013@gmail.com / directordmwb@yahoo.com

District Administration

Designation	Office	Mobile	e-mail
District Magistrate	03242 250304	9475900011	dm-bnk@nic.in
A.D.M.(G)	03242 250355	9475900012	admng.bnk@gmail.com
A.D.M.(Dev.)	03242 250757	9475900013	admd.bnk@gmail.com
A.D.M. (LR)	03242 252715	9475900014	dllrobku@gmail.com
A.D.M. (ZP)	03242 255450	9475900015	bdo2zp.bnk@gmail.com
CMOH Bankura	03242 250545	9434130398	cmohbankura@gmail.com
DPRDO	03242 254636	9475900026	dprdobnk@gmail.com
DPLO	03242 250987	9475900027	dplobankura@gmail.com
PD DRDC	03242 251088	9475900016	pddrdc-bnk@nic.in
RTO	03242 250591	9475900035	rto-bnk@nic.in
NDC, Bankura	03242 251375	9475900047	ndcbankura@gmail.com
O/C DDMC, Bankura	03242 254735	9475900039	dmd.bankura@gmail.com
Dist. Disaster Management Officer	03242 254735	9475900087	dmd.bankura@gmail.com
Bankura Fire Stn. Officer	03242 -243291	9434587492	-
D.I. of Schools (Secondary)	03242 253305	9475224927	disebankura@gmail.com
D.I. of Schools (Primary)	03242 251310	8017255257	bankura.dispe@gmail.com
Exe. Engineer, PHE, Bankura	03242 250573	9674773270	ee_bank@wbphed.gov.in / ee_bank_me@wbphed.gov.in
R.M., WBSEDCL	03242 250271 / 253900	7449305480	bnkdcircle@yahoo.com
D.M., WBSEDCL	03242- 250760	7449305510	bnk_div@rediffmail.com

SUB-DIVISION LEVEL

Name of the Sub Division	Office	Mobile	E-mail ID
S.D.O, Bankura Sadar	03242-250260	9475900018	sdo.bankura@gmail.com
S.D.O, Khatra	03243-255262	9475900020	sdokhatra@gmail.com
S.D.O, Bishnupur	03244-256255	9434081001	sdobsp@gmail.com

ZILLA PARISHAD, BANKURA

Designation	Office	Fax	Mobile
Sabhadhipati, Bankura Zilla Parishad	03242 250281	03242 250270	9434003027
A.E.O.(ZP)	03242 255450	-	9434753904
Secretary, Z.P.	03242 242132	-	9475900023

BLOCK LEVEL

Block	Block Development Officer		
	Office	Mobile	E-mail
SUB - DIVISION : BANKUR SADAR			
Bankura-I	03242-251330	8373052830	bdo.bankura1@gmail.com
Bankura-II	03242-254627	9475900085	bdo_bankura2@yahoo.co.in
Chhatna	03242-277233	9475900059	bdo.chhatna@gmail.com
Saltora	03242-273224	8373052833	bdosaltora@rediffmail.com
Mejia	03241-250221	8373052834	bdo.mejia1@gmail.com
Gangajal Ghati	03241-265228	9475900060	gghati@gmail.com
Barjora	03241-257227	9475900063	bdo.barjora@gmail.com
Onda	03242-266236	8373052837	ondabdo123@gmail.com
SUB - DIVISION : KHATRA			
Indpur	03242-260222	9647192292	bdo_indpur_bku@yahoo.com
Taldangra	03243-265347	8373052845	taldangra.bdo@gmail.com
Simlapal	03243-262222	8373052843	bdo.simlapal@gmail.com
Khatra	03243-255239	8373052840	bdo.khatra@gmail.com
Hirbandh	03243-252332	8373052839	bdo.hirbandh@gmail.com
Raipur	03243-267224	8373052841	raipur_block@yahoo.com
Sarenga	03243-269243	9475900072	bdo_sarenga@yahoo.com
Ranibandh	03243-250236	8373052842	bdoranibandh@yahoo.co.in
SUB - DIVISION BISHNUPUR			
Bishnupur	03244-252057	8373052846	bdobishnupur@gmail.com

Block	Block Development Officer		
	Office	Mobile	E-mail
Joypur	03244-249222	9475900075	bdojoypur@gmail.com
Kotulpur	03244-240234	9475900076	bdokotulpur2015@gmail.com
Sonamukhi	03244-275240	8373052849	bdo.sonamukhi@yahoo.co.in
Patrasayer	03244-266232	8373052850	bdo.patrasayer@gmail.com
Indus	03244-263231	8373052851	bdo.indus@gmail.com

Contact Number of DDMO, Bankura

Sl. No	District	DDMO	Office	Mobile	e-mail
1	Bankura	District Disaster Management Officer	03242-254735	9475900087	dmd.bankura@gmail.com

Contact Number of SDDMOs and BDMOs, Bankura

SI No	Sub Division	Block	SDDMOs / BDMOs	Office	Mobile
1	BANKURA	Sub-Division	SDDMO	03242-250260	9434586332
2		Bankura I	BDMO	03242-251330	9474734208
2		Bankura II	BDMO	03242-254627	8016230956
3		Saltora	BDMO – In-Charge	03241-273224	8670498771
4		Barjora	BDMO – In-Charge	03241-257227	9933468452
5		Mejia	BDMO	03242-250221	9836307685
6		Chatna	BDMO	03242-277233	8348900972
7		G.Ghati	BDMO	03241-265228	9232566422
8		Onda	BDMO	03242 266236	9474063239
10	BISHNUPUR	Sub-Division	SDDMO	03244- 252055	9433879424
11		Patrasayer	BDMO	03244-266232	9475726918
12		Sonamukhi	BDMO	03244-275240	9474014966
13		Indus	BDMO	03244-263231	9932516268
14		Kotulpur	BDMO	03244-240234	9836305609
15		Joypur	BDMO – In-Charge	03244-249222	9903550675
16		Bishnupur	BDMO	03244-252057	9474476493
17		Sub-Division	SDDMO	03243-255262	9434932704
18	KHATRA	Simlapal	BDMO	03243-262222	9475166122
19		Hirbandh	BDMO	03243-252232	9434568249
20		Khatra	BDMO	03243-255239	9732280291
21		Raipur	BDMO	03243-267224	9734549878
22		Sarenga	BDMO – In-Charge	03243-269243	8274862813
23		Indpur	BDMO	03243-260222	9474928812
24		Taldangra	BDMO	03243-365343	9474813438
25		Ranibandh	BDMO	03243-250236	9434547549

MUNICIPALITY LEVEL

Name of the Municipality	No of Wards	Office	Fax	Mobile
Bankura	24	03242 -250367	03242 259269	9434115191
Bishnupur	19	03244 -252591	03244 - 256412	9434744949
Sonamukhi	15	03244-275238	03244- 275238	9434866030

RESCUE TEAM UNDER NDMA

National Disaster Response Force (NDRF) under NDMA for all sorts of rescue and evacuation operation, Contact No. control room

033-25875032 (Fax)

e-mail:wb02-ndrf@nic.in

Commandant 2nd Bn. NDRF Haringhata Farm, near RRI Camp, PO - Mohanpur,
Dist. - Nadia. PIN 741246 (W.B.)

Power Station and Electric Installation

Toll free No: 1800 - 345 - 3212

Regional Office: 03242 - 250271

Divisional Engineer Bankura WBSEDCL: 03242 – 250722

Sl. No	Name of 132 KV Sub Station Tr. (O&M) WBSETCL	Place (Location)	Designation	Contact Number
1	W.B.S.E.D.C.L., Chhatna	Chhatna	O/C	(03242) 202036
2	W.B.S.E.D.C.L., Bankuara	Bankura	O/C	(03242) 250567
3	DE Dist O&M, Bankura	Bankura	O/C	(03242) 250272
4	AE Dist O&M, Sub - Division, Rampur	Rampur	O/C	(03242) 250761

Fire Services

Toll free No: 101

Sl. No	Name	Location	Contact Number	Mobile Number
1	Bankura Fire Station	Bankura	(03242) 243291	9832967578 / 9474530092
2	Khatra Fire Station	Khatra	(03243) 255014	9474113335 / 8116892710
3	Bishnupur Fire Station	Bishnupur	(03244) 256180	9434012826

PREPAREDNESS CHECKLIST FOR **VARIOUS DEPARTMENTS**

❖ Review of preparedness

Time	Process (Utilization, Maintenance and record keeping)	Responsible Department / Officials
May & November of every year.	1. Review of preparedness for taking search & rescue measures.	Fire Service, Police, Power & other security forces.
	2. Review of preparedness for extending health facilities to victims.	1. CMOH, Bankura 2. DD, TRP & PGP, 3. Security forces medical wing.
	3. Review of preparedness for response of common public after disaster.	DM, SDDMOs & BDOs.
	4. Review of setting up temporary infrastructure facilities for reaching up to victims & for their safe settlement.	1. PWD officials. 2. EE, RD, Bankura, PHE officials. 3 Security Forces.
	5. Review of protection of embankment of rivers/creeks.	WR Deptt. Officials, Bankura

❖ Maps to be kept ready

- Social Map.
- Resource Map.
- Vulnerability Map.
- Places showing the weak Embankments / River System.
- Road Map.
- Alternate Route.

Preparedness checklist for different stakeholders

❖ DISTRICT CONTROL ROOM

- Vulnerability map of the district.
- Resource Inventory, Capacity analysis.
- List of cut off areas with safe route map for communication.
- List of storage facilities, dealers of food.
- Control room setup/assignment of control room duty.
- Pre-positioning of staff for site operation centers.
- Arrangement of alternative communication /generator sets etc.
- Arrangement of vehicles/boats of for evacuation.
- Dissemination of warning/coordination with District Control room.

❖ BLOCK DEVELOPMENT OFFICE

- Vulnerability map of the Block.
- List of cut off areas with safe route map.
- List of storage facilities, dealers of food.
- Control room setup/assignment of control room duty.
- Pre-positioning of staff for site operation centers
- Arrangement of alternative communication/generator sets etc.
- Arrangement of vehicles/boats of for evacuation.
- Dissemination of warning/coordination with District control room.

❖ IRRIGATION DEPARTMENT

- Communication establishment with District and Block Control Rooms and departmental offices within the district.
- An officer to be appointed as nodal officer.
- Activation of flood monitoring mechanism.
- Methods/communication arrangement of alerting officers on various sites established.
- Mechanism evolved for forewarning settlements in the downstream/ evacuation/ coordination with other dam authority.
- Identification of materials required for response operations.
- Repairs/ under construction activity are well secured.
- Water level gauges marked.
- Inlet and outlet to tanks are cleared.
- Watch and ward of weak embankments & stock piling of repair materials at vulnerable points.
- Guarding of weak embankments.
- All staff informed about the disasters, likely damages and effects.

❖ AGRICULTURE DEPARTMENT

- Communication establishment with District and Block /Tahasil Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer.
- Information provided about the disaster and likely damages to crop and plantation.
- Organized transport, storage and distribution of seeds/ fertilizers / pesticides.
- Cleaning operation carried out to avoid water logging and salinity.
- Surveillance for pests and diseases being carried out.
- Establishment of public information centers requirements for salvage or re-plantation assessed damage.
- Identification of different areas to be affected by different hazard.
- Listing of irrigation sources with status.
- All staff informed about the disasters, likely damages and effects.

❖ POLICE ADMINISTRATION

- Communication establishment with District and Block Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer.
- Overall Traffic Management and patrolling of all highways and other access roads to disaster sites.
- Identification of antisocial elements.
- Provision of security in transit camps/feeding centers/ relief camps/ cattle camps/ cooperative food stores and distribution centers.
- Assistance from district authorities for taking necessary action against hoarders, black marketers and those found manipulating relief material.
- Coordination with military service personnel in the area being carried out.
- Officers made available to inquire into and record of deaths.
- All staff informed in-formed about the disasters likely damages and effects.

❖ DEPARTMENT OF HEALTH

- Communication establishment with District and Block Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer.
- Stockpiling of life saving, anti-diarrhea drugs, de-toxicants, anesthesia and adequate drinking water.
- Arrangement of ambulance/ generators.
- In-house emergency medical teams to ensure that adequate staff available at all times to handle emergency casualties.
- Listing of private health facilities
- Strengthening of disease surveillance.
- Formation of mobile units and ensure communication with them
- Identification of sites in probable disaster areas for site operation areas.
- Awareness generation.

❖ PUBLIC WORKS DEPARTMENT

- Communication establishment with District and Block Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer.
- Arrangement of extra vehicles/ heavy equipments, such as front end loaders/ towing vehicles/ earth moving equipments / cranes etc.
- Inspection and emergency repair for roads/ road bridges/ underwater inspection/ piers/ concrete and steel work.
- Emergency inspection by mechanical engineer of all plant and equipments.
- Route strategy for evacuation and relief marked.
- Clearance of blocked roads.
- Community assistance mobilized for road clearing.

❖ DEPARTMENT OF TELECOMMUNICATION

- Communication establishment with District and Block Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer.
- Standby arrangements for temporary electric supply or generators.
- Inspection and repair of poles etc.
- Identification of materials required for response operations.

❖ PUBLIC HEALTH ENGINEERING DTE.

- Communication establishment with District and Block Control Rooms and departmental offices within the division.
- An officer to be appointed as nodal officer who will coordinate rural water supply and sanitation matters.
- Arrangement of water tankers and other temporary means of distribution and storage water.
- Adequate arrangement to provide water to relief camps / affected villages, alternate water supply arranged in feeding centers/cattle camps etc.
- Disinfections of water bodies.
- Identification of appropriate potable water supply.