

DISTRICT DISASTER MANAGEMENT PLAN

2016

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, 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.

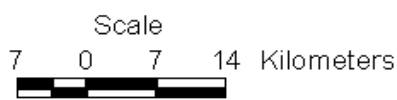
Apart from drought and flood, hail storm, thunderstorm, Road accident etc. are also of common occurrence in this district, although the extents of damage in these cases are not as expensive as it caused by draught or flood.

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

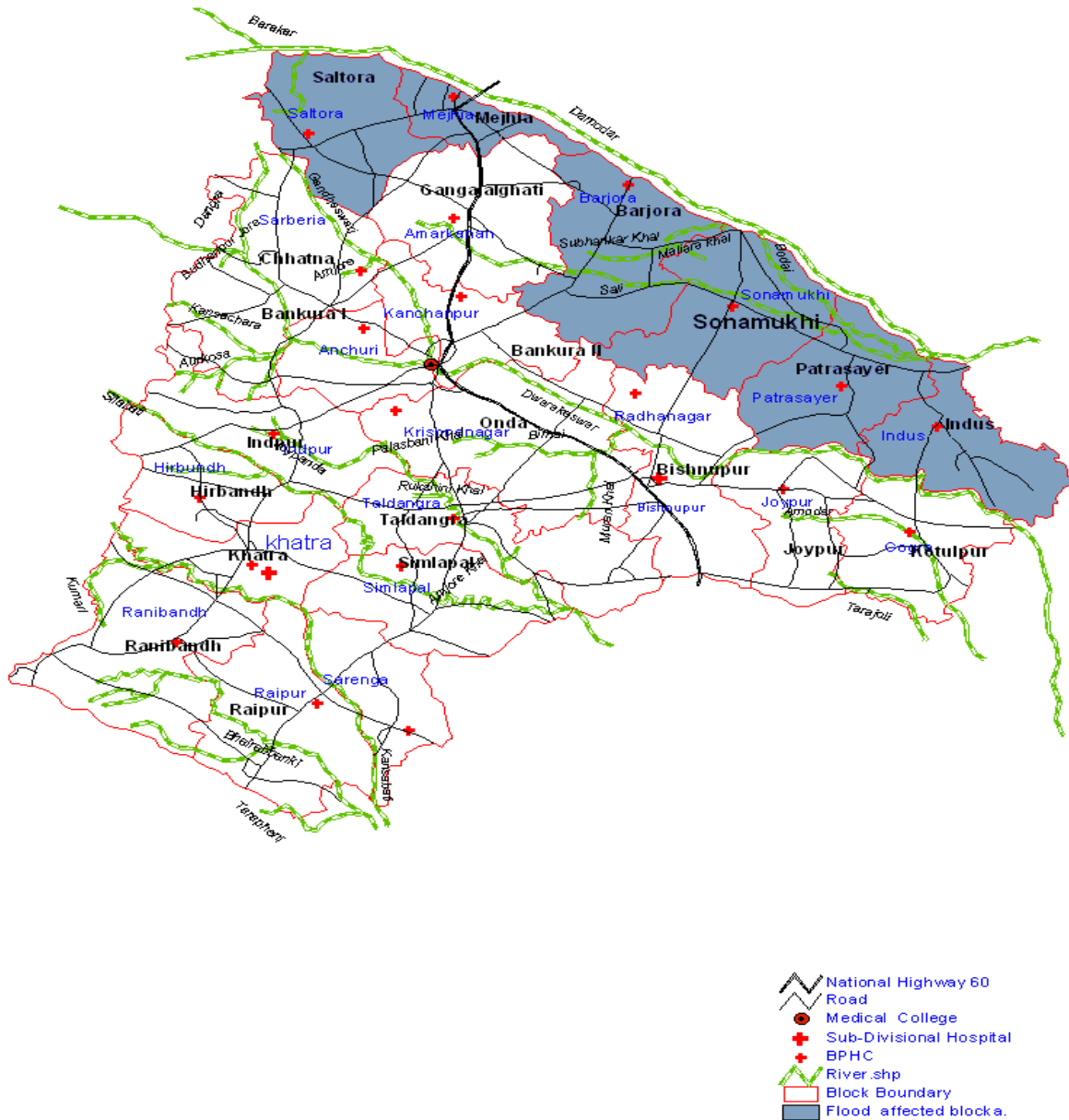


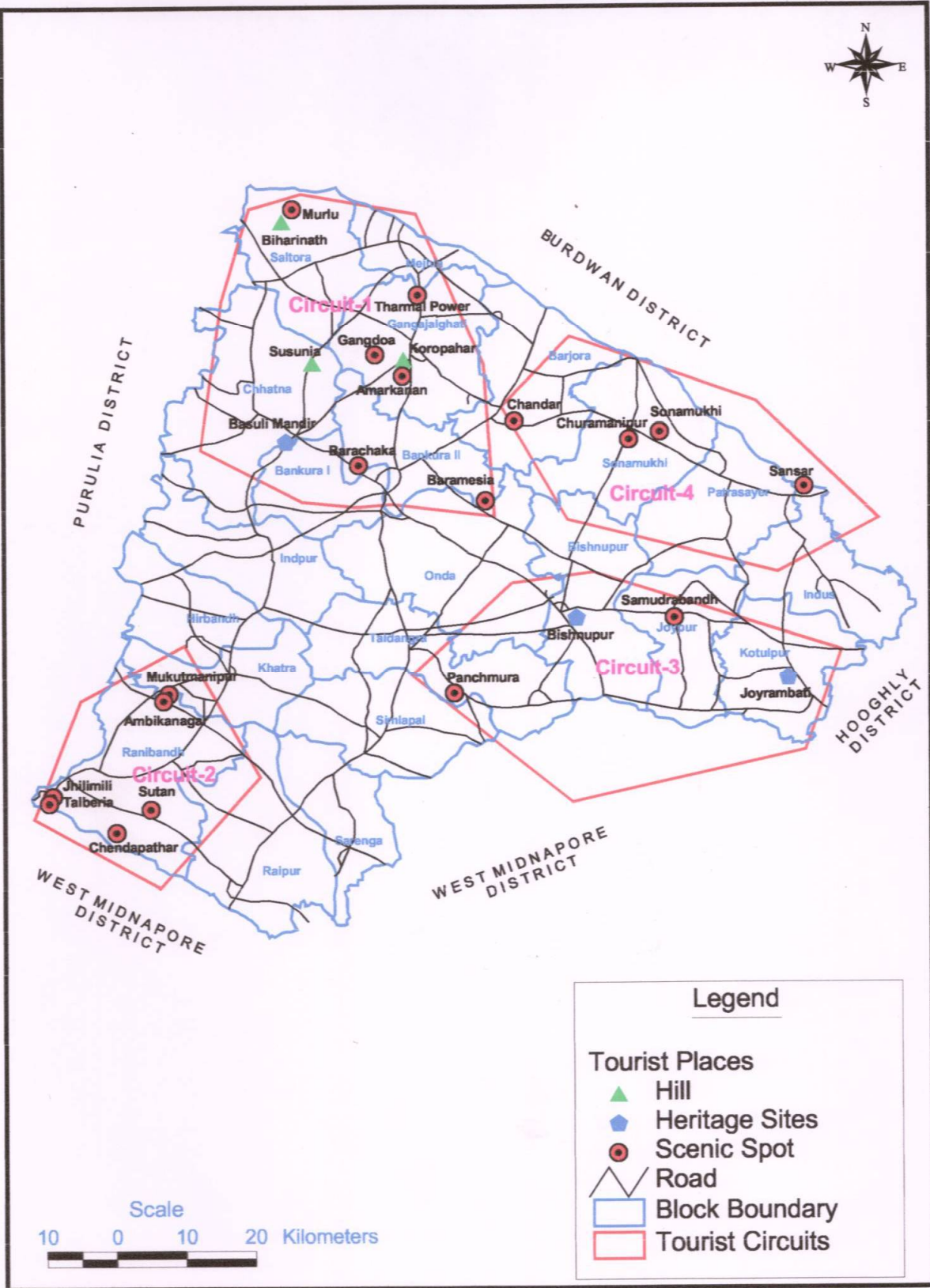
LEGEND	
	Head Quarters
	District
	Blocks
	Block Boundary
	Gram Panchayat Boundary
	Dam (Mikimaspit)
	Forest
	Dense Forest
	Rivers
	Railways
	National and State Highways
	NH-60
	NH-60A
	SH-2
	SH-4
	SH-7
	SH-8
	SH-9
	Sub-Districts
	Bankura Sadar
	Khatra
	Beskapir





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 Bardhaman 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 + 1 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	9	8	0	59
Bishnupur	6	6	2	56
Total	24	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 :

	Sl. No	Name of the Block	No. of GP	Name of Police Station
Bankura Sadar Sub-Division	1	BANKURA-I	6	BANKURA SADAR
	2	BANKURA-II	7	
	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
	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
Normal	18.0 0	29.0 0	27.0 0	35.0 0	94.00	258.0 0	336.0 0	319.0 0	197.0 0	88.00	18.0 0	4.00	1423.00
2013	2.40	13.8 2	10.2 0	54.6 7	242.2 9	262.3 3	217.8 0	355.7 6	272.8 4	357.3 5	0	0	1789.46
2014	1.20	37.5 0	12.0 5	3.75	73.71	143.5 0	265.5 9	246.3 4	173.5 1	60.30	0	0.28	1017.73
2015	17.3 7	8.20	22.7 3	99.1 2	78.51	201.4 9	418.1 2	268.0 6	118.7	14.44	0	0	1246.74
2016	7.63	4.6	16.7 7	1.08	x	x	x	x	x	x	x	x	

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

- River & Creeks

Sl No.	Name of the River	Name of the Place	Danger Level
1	Kangsabati River	Gorabari G.P, Khatra Gram-II G.P & Dahala G.P.	434.00 ft. level
2	Damodar River	Belua, Rupaisar, Palshara	170.00 ft.level

- River Carrying Capacity

Name of the River	Gauge Station	Zero Level (in Mts.)	Danger Level (in Mts.)
River Gandheswari	NA	NA	NA
River Dwarakeswar	NA	NA	NA
River Damodar	NA	NA	NA

- Irrigation Facilities and Sources

Name of the Sub-Division	Ponds	LI points	Drift /Shallow TW	River	Canal
Bankura Sadar	3720	12	22	12	----
Khatra	2767	10	32	14	SIMLAPAL BRANCH CANAL (S. B. C.)
Bishnupur	2656	11	24	13	Bishnupur Branch Canal (B.B.C.)

- 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	Patrasayer	Damodar	Uttar Pataspur	Earthen
2			Deul Para	Earthen
3			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/Jore Bandh

Sl. No	Name of Embankment	Type of Embankment	Length	Cultivation in Hect.
1	Kangsabati Dam	River Dam	11.30 Km	6 Lac (nearly)
2	Bhedua Sardar Bhandra Jore Bundh	Jore Bundh	200 mtr	40 acre

- Infrastructure (Nos.)

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

- Communication Facilities

Sl. No	Name of the Sub-division	Telecomm- unication (Y/N)	No. Of Boats		No. Of Bus		No. Of Trekker		No. Of Tractor		No. Of Jeeps		No. Of Two Wheelers	
			G	P	G	P	G	P	G	P	G	P	G	P
1	Bankura Sadar	Y	-	4	22	176	-	254		102	10	39	-	4897
2	Khatra	Y	-	8		31	-	127		145	-	22	-	3985
3	Bishnupur	Y	-	9		24	-	89		128	-	45	-	3566

(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

✚ **Internet facilities:** Yes internet facility in all Gram Panchyot Office by BSNL, Vodafone, Airtel, Uninor, 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 2015, drought was declared in **751 Mouzas** out of total 3836 Mouzas **under 4 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 Darakeswar, 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 unnatural death due to Natural Calamity / Disaster etc. Firsthand information as to such death case is sent to the Disaster Management Department, Writers' Buildings, Kolkata 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 secretariat 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**- 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 H.B. Grant list 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.

This section has the responsibility to arrange food and clothings for the ill-fed and ill-clad people and also shelter for the shelterless ones both in normal and disasterous situation.

DISTRICT DISASTER PLAN

Registers
maintained by
the Section

1. Issue Register & Receipt Register.
2. Allotment Register.
3. Bill Register.
4. Advance Bill Register.
5. Bill Movement Register.
6. Register of receipt and distribution / sub-allotment of Relief Materials.
7. Register of receipt and distribution / Sub-allotment of Spl. G.R. food grains, Leprosy G.R. etc.
8. Register of receipt and distribution / sub-allotment of Cash G.R.:- Starvation G.R. etc. ix. Register of E.R. Grant cases.
9. Register of Ex-gratia Grant cases.
10. Stock Register of Stationery articles.
11. Register for sub allotment of H.B.Grant.
12. Register on DRMP expenditure.

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	
127bags	220	100 bags	100,000 container	22,0000	3,44,000	100,080 pkt	28,000 pkt	4,06000
Normal Saline								
Normal Saline			Ringer lactate			Injection AVS		
Stock		Need	Stock		Need	Stock		Need
DRS	periphery		DRS	periphery		DRS	periphery	
6670	4183	1750	15,680	3486	3200	477 box	455	330

▪ Fire Station Information

Sl. No.	Name of the fire station	Telephone Number	Disposition of Vehicle & Pumps
1.	Stn Officer In Charge, Fire Station, Bankura	101, 03242- 243291	☞ Vehicles with Pumps-5 Nos.
2	Stn Officer In Charge, Fire Station, Bishnupur, Bankura	03244- 256180	☞ Vehicles-1 ☞ Portable Pump-1

FORMAT FOR MONTHLY STOCK POSITION OF RELIEF MATERIALS

Stock position of relief materials for the month of **APRIL, 2016** of Blocks/SDOs/Dist.Head Qtr. of Bankura.

Sl No.	Name of SDOs/BDOs/ Dist.Head Qtr.	Tarpaulin (Pcs)	Dhuti (Pcs)	Shar ee (Pcs)	Lun gi (Pcs)	Childr engar ment (Pcs).	Shirt (CG) (Pcs).	Pant (CG) (Pcs).	Frock (CG) (Pcs).	Ezar (CG) (Pcs).	Salowar Kamij (Sets)	Wrap -per (Pcs)	Blan ket (Pcs)	Pajam a & Panja bi (Sets)
1	Dist.Head Quart Bankura	5010	573	1143	1109	792	200	200	196	196	642	48	1296	737
2	SDO Sadar Bankura	1146	871	249	407	1254	313	313	314	314	100	288	297	320
3	SDO,Bishnupur	2191	21	24	100	0	0	0	0	0	0	10	22	0
4	SDO, Khatra	352	437	495	575	80	20	20	20	20	640	426	268	300
5	BDO Bankura-I	109	200	-	198	25	6	6	6	7	122	183	145	154
6	BDO,Bankura-II	135	58	12	52	114	28	28	29	29	66	27	34	26
7	BDO Chhatna	221	205	159	303	935	235	235	233	232	258	460	140	124
8	BDO Saltora	409	69	42	92	300	75	75	75	75	31	33	45	54
9	BDO Mejhia	102	260	17	201	72	22	20	15	15	134	316	69	101
10	BDO Barjora	187	319	28	270	81	21	20	20	20	222	223	150	173
11	BDO G.Ghati	79	144	2	325	136	21	21	47	47	430	211	39	233
12	BDO Onda	40	37	3	87	1593	399	398	398	398	269	329	94	75
13	BDO Bishnupur	453	129	122	205	52	10	12	15	15	109	173	42	64
14	BDO Joypur	181	125	90	127	27	05	05	05	12	187	120	262	180
15	BDO Kotulpur	445	209	47	910	47	12	12	12	11	99	96	70	90
16	BDO Sonamukhi	220	1	14	35	0	0	0	0	0	1	18	17	9
17	BDO Patrasayer	314	358	142	132	197	0	3	108	86	81	286	254	170
18	BDO Indus	424	345	36	147	83	41	0	42	-	27	64	115	26
19	BDO Indpur	273	47	86	160	22	5	6	6	5	120	145	51	94
20	BDO Hirbundh	445	342	233	238	179	45	45	45	44	199	361	151	155
21	BDO Khatra	258	467	307	432	361	91	90	90	90	250	406	231	183
22	BDO Ranibundh	333	447	202	356	254	63	63	64	64	219	561	257	262
23	BDO Raipur	355	651	370	458	462	115	115	116	116	429	602	202	445
24	BDO Sarenga	377	431	291	235	391	98	98	98	97	164	235	80	418
25	BDO Simlapal	46	41	19	66	02	01	01	-	-	59	39	14	41
26	BDO Taldangra	384	554	420	476	318	80	80	79	79	340	688	280	463
27	Bankura Municipality	-	-	-	-	-	-	-	-	-	-	-	-	-
28	Sonamukhi Municipality	-	-	-	-	-	-	-	-	-	-	-	-	-
29	Bishnupur Municipality	-	-	-	-	-	-	-	-	-	-	-	-	-
	TOTAL	14489	7341	4553	7696	7777	1906	1866	2033	1972	5198	6348	4625	4897

- 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.	

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
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.
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	Purandarapur	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

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
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	
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

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
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
69		Saintara Jr. High School	Rooms : 5		Drinking water and sanitation	Single	3 Km.
70		Bhagalpur High School	Rooms : 21	Madanmohanpur	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

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
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	Drinking water and sanitation	Double	0.5 Km
84		Panchpara Pry. School	Rooms : 3		Drinking water and sanitation	Single	12 Km
85		Panchpara Uttar colony Pry. School	Rooms : 3		Drinking water and sanitation	Single	11 Km.
86		Patashpur High School	Rooms : 10		Drinking water and sanitation	Double	7 Km
87		Chargobindapur Pry. School	Rooms : 2		Drinking water and sanitation	Single	10 Km
88		Hamirpur Pry. School	Rooms : 2	Hamirpur	Drinking water and sanitation	Single	0.5 Km
89		Rasulpur Pry. School	Rooms : 3	Belut-Rasulpur	Drinking water and sanitation	Single	3 Km
90		Belut-Rasulpur G.P. Office	Rooms : 5		Drinking water and sanitation	Double	0 Km
91		Salkhanra Uttar Colony Pry. School	Rooms : 3		Drinking water and sanitation	Single	3 Km
92		Kabirchak Pry. School	Rooms : 2	Balsi-I	Drinking water and sanitation	Single	4 Km
93	Sonamukhi	Kenety Milan Tirtha	Rooms : 20	Dhipara	Drinking water and sanitation	Double	1 Km
94		Rangamati UCM	Rooms : 5		Drinking water and sanitation	Single	3 Km
95		Radhamohanpur High school	Rooms : 20	Radhamohanpur	Drinking water and sanitation	Double	0.5 Km
96		Belowa Pry. School	Rooms : 3	Radhamohanpur	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	Radhamohanpur	Drinking water and sanitation	Single	0.5 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
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

(25)

Bankura district witnesses 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 Mukutmonipur 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. Desolation also required for selected stretch of Darakeswar, Gandheswari, Damodar rivers.

DETAILS OF FLOOD PRONE AREA DETAILS OF CAUSEWAY OVERFLOWN POINT

	SI no	Affected area	SI no	Name of the Block	Name of the Causeway over flown point
Due to existence of Damodar River	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 khatra 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			

CAUSE OF FLOOD OR FLOOD LIKE SITUATION OF KOTULPUR BLOCK

DWARAKESHWAR RIVER is liable to heavy flood in the lowest portion of its course. The size of channel of the river on its lower parts being much less than in its upper part, it is not possible to retain within its banks the whole volume of water which comes down when the river is swollen and the greater part of the flood discharge most pass out and spread over KOTULPUR BLOCK in 3(three) Gram Panchayets mainly. As the flood of the river Darakeswar does not long last and as the quantity of the slit which this river carries in is good, the mere inundation due to the flood does good as well as harm and is certainly a necessary evil. There is however in all such cases a danger of the flood water cutting a channel through the soft banks of the stream and forming a break stream which continues flow after the flood has subsided and which land to alter the region of the river. In such a way a massive land erosion is caused being made by the flow of river DARAKESWAR in the following mouzas resulting the habitants and properties of the local people are gradually are being engulfed by the water of the river.

(26)

EXISTING STATUS OF CIVIL DEFENCE ACTIVITIES:

QUICK RESPONSE TEAM:

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, a large nos of Civil Defence Basic Training Course conducted by the District Civil Defence set up have been held. After completion of such course, a large number of trainees have been nominated for Advance Training Course at Central Civil Defence Training College, West Bengal at Kolkata and also at NVF Training Centre at Kalyani, Nadia, 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.

Meanwhile for better functioning of rescue work, one more Speedboat has been purchased from District SDRF fund.

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

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 guidance of LIFE SAVINGS SOCIETY OF INDIA, KOLKATA.

For utilisation of their services, a step for procurement of Scuba set is under process.

For information, One Basic Training Course will be held at Sonamukhi Block on and from 25/5/2016 to 01/6/2016 covering the trainees from Kotulpur, Joypur, Sonamukhi, Indas and Patrasayer Block.

EXISTING STRENGTH OF TRAINED CIVIL DEFENCE VOLUNTEERS:

Sl no	Name of Blocks	Position of QRT trained CDV	DEEP DIVING TRAINED CDV
1	Bankura-I	13	2
2	Bankura-II	13	2
3	Chhatna	07	2
4	G.Ghati	12	2
5	Borjora	8	1
6	Mejia	03	2
7	Saltora	02	2
8	Onda	06	2
9	Bishnupur	03	2
10	Sonamukhi	08	2
11	Patrasayer	05	2
12	Joypur	03	2
13	Kotulpur	01	2
14	Indas	06	1
15	Khatra	09	1
16	Indpur	05	2

17	Hirbandh	04	2
18	Taldangra	02	2
19	Simlapal	08	1
20	Sarenga	03	2
21	Ranibandh-	02	2
22	Raipur	03	2
	Reserve	-	8
	TOTAL	126	48

STAFF POSITION:

In terms of order no.568-CD(i)/N/2E-14-2013 dated 13/3/2013 of the Department of Civil Defence ,the following staff will be posted at Civil Defence Organization, Bankura from the existing strength of Civil Defence, West Bengal

Sl no	Name of the Post	Sanctioned Strength	Present Strength	Vacant
1	Sr. SOI	2 (Two)	1(one)	1 (One)
2	S.O.I	2(Two)	-	2(Two)
3	U.D.C	1(One)	-	1(One)
4	L.D.C	2(Two)	-	2(Two)
5	Peon	1(One)	-	1(One)
6	Messenger Peon	1(One)	-	1(One)
		9	1	8

In terms of order no 1093-CD(I)/N/2E-07/2008 dated 24/5/2013 joined one Sr SOI and Started functioning since May,28 of 2013 single handedly.

(28)

Achievements of QRT Team

In the field of Rescue and Searching operations:

- 1) Searched dead body at Darakeswar River on 27/10/13.

- 1) Searched dead bodies at Gangdua dam under Gangajalghati Block of this district on 01/01/2014 whereby they recovered 3 (three) dead bodies from underneath of the dam.
- 2) A team of Civil Defence QRT members along with one speedboat were also detailed at Durgapur Barrage of Damodar river on the occasion of Chhat puja-2013 held on 8/11/13 and 9/11/13 with a view to alert the pilgrims as well as for rescue operation in need.
- 3) Searched at abandoned Stone quarry at Bourisol Village under Indpur Block on 30/5/14 and recovered a dead body from the underneath of that Stone Quarry. Approval Accorded by the ADGP & DCD vide his no 518/DCD dtd 10/6/14
- 4) In terms of order no 466(18)/1(2)/DCD dated 28/5/14 deployed @ 4 (four) QRT trained CDV i.e 2 (two) at Mukutmonipur and also 2 (two) at District CD H/q for rescue and relief operation during monsoon season on and from 01/6/14 to 31/10/14.
- 5) As per order of the DM, Bankura, deployed 14 nos CDV along with 2 CDRV on the occasion of Chhatpuja at Durgapur Barrage on 29/10/14 & 31/10/14 for rescue operation required for the pilgrims at Damodhar River.
- 6) On 21/1/15 engaged 8 CDV along with CD Speedboat for destroy of poppy plants and rescue operation at Damodar river near Metali village under Mejia Block.
- 7) As per order of the DM, Bankura, deployed 5 CDV along with CD Speedboat for Rescue operation at Mejhia Jhill under Mejia Block on 28/6/15
- 8) As per order, deployed 7 CDV to search out a dead body at Arkosa River near Teghori Village under Chhatna Block on 11/7/15.
- 9) As per order of the DM, Bankura, deployed 17 CDV along with 2 (two) Speedboats and rescued the maroon and flood victims on 01/8 and 02/8/15, from different points under Kotulpur Block caused from flood.
- 10) In view of drowning of an ambulance at the downstream of Silabati river at Kechenda ghat under Raipur Block, as well as to rescue flood victims caused from flash flood, @ 4 (four) CDV were deployed on and from 4/8/15 to 13/9/15 as per order of the DM & Controller of CD, Bankura.
- 11) As per order of the DM, Bankura, deployed 14 CDV along with Speedboat on and from 6/8 to 8/8/15 to search and recover the deadbodies due to Boad capsized on 6/8/15 at Banjora Ghat point of Damodhar river under Mejia Block and finally 4 (four) dead bodies were recovered.
- 12) As per order of the ADM (Dev) deployed 9 (nine) CDV alongwith Speedboat on 16/10/2015 to search and recover of a dead body from aPadmapukur at Ragaria Village near Kadmaghati under Bankura –II Block.

- 13) As per order of the DM, Bankura, deployed 9 (nine) CDV alongwith Speedboat on 29/10/2015 to search and recover of a dead body from Kukrajuri ghat of Damodhar River under Shaltora Block.

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 requiring 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).

Actual achievement:

At later stage, the Civil Defence Organisation will be part and parcel of district administration and will play a pivotal role to assist district administration.

(30)

List of Multi Disciplinary Trained Civil Defence Volunteers and member of Quick Response Team under Bankura Civil Defence Set up (Bankura Sadar Sub-Division)

Sl no	Name	Address	Contact no	Attached to Block
1	Sri Debabrata	S/o- Biswambhar Banerjee	7384849090	Bankura-I

	Banerjee	Kethardanga PO,PS & Dist-Bankura PIN-722101		
2	Sri Raghunath Basuri	S/o- Shyamal Basuri Vill-Derua Po- Jagdalla PS & Dist- Bankura	9002867151	Bankura-I
3	Sri Prasanta Nandy	S/o-Gurupada Nandi Vill-Borkura PO-Gouripur PS-Bankura	9614798191	Bankura-I
4	Somnath Shit	S/o-Samarsadhan Shit Kethardanga Po & PS- Bankura	9093485307	Bankura-I
5	Debasis Banerjee	S/o- Biswambhar Banerjee Kethardanga Po & PS- Bankura	9093421192	Bankura-I
6	Ujjawal Roy	S/o- Goutam Roy Haritakibagan, Kenduadihi , Bankura	7407336047	Bankura-I
7	Sri Joy Bagdi	S/o- Ajit Bagdi Vill-Hariyalgara PO-Junbedia PS- Bankura	9933818797 8101842284	Bankura-I
8	Sri Brindaban Soren	S/o- Sri Becharam Soren Vill-Bhaluksunda Po- Kalpathar PS & Dist- Bankura	9609083469	Bankura-I
9	Sri Nitai Das	S/o- Bijoy Das Vill-Kethardanga PO & Ps- Bankura pin- 722101	9647292685	Bankura-I
10	Sri Chinmoy Goswami	S/o- Monbodh Goswami Vill & Po- Sanabandh (West) PS- Bankura	7602987411	Bankura-I
11	Suman Paul	S/o-Chittaranjan Pal Vill & PO- Salboni PS & Dist- Bankura	8926051909	Bankura-I
12	Sri Susanta Bhuin	S/o- Subal Chandra Bhuin Vill & Po- Purandarpur PS & Dist-Bankura	8145119120	Bankura-II
13	Sri Sourav Chattaraj	S/o- Adwaita Chattaraj Vill & PO- Purandarpur PS-Bankura	7872657633	Bankura-II
14	Buddhadev Atta	S/o- Mahadev Atta Vill & Po-Salboni PS & Dist-Bankura	8348947949	Bankura-II
15	Sri Dibyendu Goswami	S/o-Aloke Goswami Vill & Po-Sanbandha PS-Bankura	9563697489 7029371389	Bankura-II
16	Sri Dinesh Paul	S/o- Adwaita Paul Vill-Dolderia Po- Salboni Ps-Bankura	9851514789	Bankura-II
17	Sri Kajal Bauri	S/o-Biswanath Bauri Vill-Boga Po- Sanbandha PS & Dist- Bankura	9932274519	Bankura-II
18	Sri Tarun Ghosh	S/o- Sri Samir Ghosh Vill-Bhuteswar Po- Sanbandha PS & Dist- Bankura	7384426144	Bankura-II
19	Sri Sumanta Ghosh	S/o- Dinabandhu Ghosh Vill-Tantkanali Po-Bankati PS & Dist- Bankura	9735827315	Bankura-II
20	Biplab Dhabal	S/o- late Sunil Dhabal Vill-Namaanchuri po-Salboni PS&Dist- Bankura	9563832717	Bankura-II

21	Sri Tapan kr Dangar	S/o- Bholanath Dangar Vill-Chira Po-Purandarpur Ps- Bankura	8346933815	Bankura-II
22	Sri Sanjay Gorai	S/o- Bablu Gorai Vill-Boga PO- Sanbandha PS- Bankura	7699372514	Bankura-II
23	Sri Bishnupada Mallick	S/o- Akul Mallick Vill-Lapuria Po- Mankanali	9547820888	Bankura-II
24	Sri Dipak Bauri	S/o- Budhan Bauri Vill-Keshra Po- Hariyalgara PS- Bankura	8159916851	Bankura-II
25	Sri Rajesh Bauri	S/o- Budhan Bauri Vill-Keshra Po- Hariyalgara PS- Bankura	8159916851	Bankura-II
26	Raja Ram Bouri	S/o-Ajit Bouri Vill & PO- Kapista PS-G.Ghati	9851068486	G.Ghati
27	Sri Prasenjit Mondal	S/o- Sailen Mondal Vill-Ghatakgram Colony Po-Durlavpur PS- G.Ghati	9474535187	G.Ghati
28	Subha Goswami	S/o- Bansidhar Goswami Vill & Po- Salbedia PS-Gangajalghati	8768331228	G.Ghati
29	Pinaki Karmakar	S/o- Dukhabhanjan Karmakar Vill & Po- Salbedia PS-Gangajalghati	9153066877	G.Ghati
30	Uday Bhanu Thakur	S/o- Fatik Thakur Vill-Fuljam Po-Nityanandapur PS-Gangajalghati	9002732364 9547427394	G.Ghati
31	Ranadip Mondal	S/o-Gopinath Mondal Vill & Po- Kapista PS-Gangajalghati	7407375875	G.Ghati
32	Sri Amit kr Mondal	S/o- Haradhan Mondal Vill & Po-Kunkrajhore PS-G.Ghati	9647550093	G.Ghati
33	Sri Subhasish Sinha	S/o- Ajit kr Sinha Vill-Metali PO-Keshera PS- G.Ghati	9153245514	G.Ghati
34	Sri Tamal Das	S/o- Madhab Das Vill-Saltora Po- Salbedia PS- G.Ghati	8001502852	G.Ghati
35	Deb kumar Mondal	S/o- Late Sudhir kumar Mondal Vill-Saltora Po- Salbedia PS- G.Ghati	9002426922 9775384669	G.Ghati
36	Sri Jayanta Karmakar	S/o- late Alope Karmakar Vill & PO-Susunia PS-Chatna	9679481460	Chhatna
37	Sri Paran Bauri	S/o-Turu Bauri Vill & PO- Susunia Pahar PS-Chatna	8016771014	Chhatna
38	Rajesh Malakar	S/o- Satur Malakar Vill & Po- Susunia PS-chatna	9641327677	Chhatna
39	Sri Gopinath Karmakar	S/o - late Alope Karmakar Vill & PO-Susunia PS-Chatna	9531568404	Chhatna
40	Sujit Pal	S/o- Dharanidhar pal Vill-Biskodar Po-Susunia Ps-Chhatna	9635888887	Chhatna
41	Rambishnu Acharya	S/o- Late Jagadish Acharya Vill & Po- Saldiha PS-Chhatna	9593434483	Chhatna
42	Kapil Karmakar	S/o- Nanda lal Karmakar Vill & Po- Susunia PS-Chhatna	7586044320	Chhatna
43	Sri Debasis	S/o- Tapan kr Tewary	9002417906	Mejia

	Tewary	Vill-Saltora Po- Benabaid PS-Mejia		
44	Sri Dinesh Chowdhury	S/o- Aswini Chowdhury Vill & Po- Ardhagram Ps-Mejia	9832496416	Mejia
45	Bhabataran Mondal	S/o- Bonoy kr Mondal Vill-Kustore Po- Benabaid PS-Mejia	7797631563	Mejia
46	Sri Nimai Bauri	S/o- Sukumar Bauri Vill & Po- Chandra PS- Saltora	8670467085	Saltora
47	Sri Biplab Pal	S/o- Jiban Pal Vill-Bhaluka Po-Tiluri Ps- Saltora		Saltora
48	Sri Debashish Ghorui	S/o- Hiranmoy Ghorui Vill-Nutangram Po-Metali PS- Barjora	7797035183	Borjora
49	Sri Nirmal Pal	S/o- Fatik Pal Vill & Po-Sirsara PS-Beliatore Dist- Bankura	9647519835	Borjora
50	Sri Laltu Pal	S/o- Fulchand Pal Vill & Po-Sirsara PS-Beliatore Dist- Bankura	837386972	Borjora
51	Dipankar Ghosh	S/o- Mantu Ghosh Vill & Po- Hat-Ashuria PS-Barjora Dist- Bankura	8768946227	Borjora
52	Sri Rathindra nath Bauri	S/o- Bishnucharan Bauri Vill-Radhakantapur Po-Pakhanna PS-Barjora	9933883888	Borjora
53	Sarmistha pal	D/o- Dulal Chandra pal Vill- Kotalia Po-Kosthia PS-Beliatore Dist- Bankura	9434149547	Borjora
54	Prasun Bhattacharya	S/o- Pranab Bhattacharya Vill & Po- Borkura PS-Borjora	8972650669	Borjora
55	Debasis Patra	S/o-Laxminarayan Patra Vill-Tapoban, Po-Baliara PS-Onda	8926301032	Onda
56	Sri Tapas Pariksha	S/o- Tapan Pariksha Vill & PO- Baliara PS-Onda Dist- Bankura	9002453545	Onda
57	Sri Partha Sutradhar	S/o-Susanta Sutradhar Vill-Birsingpur Po-Garh Kotalpur PS-Onda	9775353297	Onda
58	Sri Tufan Patra	S/o- Prabodh Patra Vill-Tapoban PO- Baliara PS- Onda	89728665935	Onda
59	Sri Sumanta Dangar	S/o- Fatik Dangar Vill-Kalyani Po- Haripur Ps-Onda	8926443738	Onda
60	Jiaul Rahaman Mallick	S/o- Rafiqul Islam Mallick Vill & Po- Punisol Ps-Onda	9800849852	Onda

List of Multi Disciplinary Trained Civil Defence Volunteers and member of Quick Response Team under Bankura Civil Defence Set up (Bishnupur Sub-Division)

Sl no	Name	Address	Contact no	Attached to Block
1	Sri Indrajit Sen	S/o- Sri Nitai Sen Station Road, Kalimela, PO & PS- Bishnupur	9126458288	Bishnupur

2	Sri Shubhadip Chakraborty	S/o- Sri Subrata Chakraborty Kadakuli PO & PS- Bisshnupur Dist- Bankura	9002124619	Bishnupur
3	Smt Titam Bhattacharya	D/o- Sri Swapan Bhattacharya Natun Mahal, Natun Para Po & Ps- Bishnupur Dist- Bankura	9002835982	Bishnupur
4	Sri Bijan kumar Das	S/o- Pramatha Ranjan Das Vill-Panchal PS- Sonamukhi Dist- Bankura	9647208369	Sonamukhi
5	Sri Nimai Bagdi	S/o- Haradhan Bagdi Vill- Panchal PS- Sonamukhi Dist- Bankura	8642027815	Sonamukhi
6	Sri Bappa Salui	S/o- Rabi lochan Salui Vill-Panchal PS- Sonamukhi Dist- Bankura	9153343451	Sonamukhi
7	Sri Mithun Bagdi	S/o- Haru Bagdi Vill- Panchal PS- Sonamukhi Dist- Bankura	9647944898	Sonamukhi
8	Tapas Gore	S/o- Kalipada Gore Vill-Panchal PS- Sonamukhi Dist- Bankura	9735171531	Sonamukhi
9	Sri Rajib Dey	S/o- Ajit Dey Vill & Po-Panchal Ps- Sonamukhi Pin- 722157	7384217645	Sonamukhi
10	Sri Priyajit Tewary	S/o- Uday Tewary Vill & PO- Panchal Ps- Sonamukhi pin- 722157	8641974366	Sonamukhi
11	Sri Subhendu Mondal	S/o-Pradyut Mondal Vill-Pathra Po-Kochdihi PS- Sonamukhi	9933433430	Sonamukhi
12	Sri Sanjay Neogi	S/o- Dilip kr Neogi Vill & Po- Dighalgram PS-Indas	9088479542	Indas
13	Sri Tarun Nayek	S/o- Biswanath Nayek Vill-Adilpur Po-Mandra Ps- Indas pin- 722201	8642844578	Indas
14	Sri Manirul Mallick	S/o- Ajijul Mallick Vill-Narrah Po-Akui Ps-Indas pin-722201	9378174698	Indas
15	Sri Kumeresh Chattapadhyay	S/o- Shibsankar Chattapadhyay Vill-Dayarampur PO- Shashpur PS- Indas	8768976108	Indas
16	Sri Joydeb Mete	S/o- Shankar Mete Vill-Kumna Po- Rol Ps- Indas pin-722205	9564080621	Indas
17	Sri Astam Majhi	S/o- Taru Majhi Vill-Kumna PO- Rol Ps- Indas Pin-722205	9749350656	Indas
18	Sk Amiruddin	S/o-Sk Ramjan	9933824703	Patrasayer

		Vill-Basudebpur Po-Patrasayer Dist-Bankura		
19	Sri Gorachand Patra	S/o- Bishnupada Patra Vill- Lalbandh Po- Roll Dist- Bankura pin-722205	9697173501	Patrasayer
20	Sri Manu Lohar	S/o- Banshi Lohar Vill & Po & PS- Patrasayer pin-722206	8906425327	Patrasayer
21	Saharab Sk	S/o- Selim Sk Vill- Bajitpur Po-Hamirpur PS-Patrasayer	8016496937	Patrasayer
22	Sri Bacchhu Mallick	S/o-Samsher Mallick Vill & Po-Patit Ps-Patrasayer	9732068794	Patrasayer
23	Sri Biswanath Hembram	S/o-Bidyut nath Hembram Vill & Po- Peardoba PS- Bishnupur pin-722149	9735561500	Joypur
24	Sri Tapas Bhagat	S/o- Subhas Bhagat Vill & Po-Kuchiakol pin-722138	7797424961	Joypur
25	Sri Sourav Banerjee	S/o-Sukumar Banerjee Vill & Po- Digpur PS-Joypur	8972444373	Joypur
26	Sri Sumanta Ghosh	S/o- Mukul Ghosh Vill & Po & Ps- Kotulpur	8906828599	Kotulpur

List of Multi Disciplinary Trained Civil Defence Volunteers and member of Quick Response Team under Bankura Civil Defence Set up (Khatra Sub-Division)

Sl no	Name	Address	Contact no	Attached to Block
1	Sri Souvik Dutta	S/o- Sri Shibaprasad Dutta Vill & Po- Hatgram PS- Indpur	9641314582	Indpur
2	Sri Shanta Bhadra	S/o- Sri Subodh Bhadra Vill & Po- Hatgram PS- Indpur	9932839097	Indpur
3	Sri Sourav Mahanti	S/o- Prabir Mahanti Vill-Hitashi Po- Bheduasol PS- Indpur pin-722121	9635021692	Indpur
4	Sri Rahul Moi	S/o- Bidhan ch Moi Vill-Goheria Po- Chakaltor Ps- Indpur	7679410729	Indpur
5	Sri Soumen Ghosh	S/o- Satyaban Ghosh Vill-Salkap Po- Nayada Ps- Indpur pin-722121	8768736737	Indpur
6	Sri Santanu Mandal	S/o- Aviram Mandal Vill-Debdia Po-Molian PS- Hirbandh PIN-722136	9609983391	Hirbandh
7	Sri Nitai Sardar	S/o- Kuran Sardar Vill-Baharamuri Po- Hatirampur PS- Hirbandh	9679795918	Hirbandh
8	Sri Tarun Mandal	S/o- Chitta Mandal Vill-Dusatina Po-Bouridiha PS-Hirbandh	9474145256	Hirbandh

9	Sri Prakash Roy	S/o- Kalachand Roy Vill-Jibanpur Po-Hatirampur Ps-Hirbandh	9800654645	Hirbandh
10	Sri Prabir Kr Mandal	S/o- Sri Akinchan Mandal Vill & Po- Kharigeria PS- Barikul Dist- Bankura	7679082507	Raipur
11	Sri Jadupati Mallick	S/o- Gour Mallick Vill-Simli PO-Garh-Raipur PS-Raipur pin- 722134	8967861815	Raipur
12	Sri Subal Pal	S/o- Prafulla Vill-Nakrapocha Po- Paali PS- Barikul	9564996172	Raipur
13	Sri Tapas Khan	S/o- Sri Bangsi Khan Vill-Koli Po- Bibarda PS- Taldangra	9641682566	Taldangra
14	Sri Shanawaz Khan	S/o-Sadhek Khan Vill & Po- Harmasra Ps- Taldangra	8016104270	Taldangra
15	Smt Shitala Hembram (Mandi)	W/o-Krishnapada Mandi Vill-Benasuli Po- Gangnala PS- Sarenga	9734210040 8768384966	Sarenga
16	Sri Sudarshan Garai	S/o- Sri Nanda Garai Vill-Panchur Po- Jamboni PS- Sarenga	9749579744	Sarenga
17	Sri Sadhan Mandal	S/o- Sri Sisir Mandal Vill-Panchur Po- Jamboni PS- Sarenga	8371023652	Sarenga
18	Sri Chiranjib Mahata	S/o- Late Ramchandra Mahata Vill & Po- Pukhuria PS- Simlapal	9635171355	Simlapal
19	Sri Goutam Mahata	S/o- Sri Swapan Mahata Vill- Jugidangra PO- Maidhara PS- Simlapal	8158098243	Simlapal
20	Sri Amiya Mahata	S/o- Sri Badan ch Mahata Vill & Po- Pukhuria PS- Simlapal	8972211861	Simlapal
21	Sri Shantanu Dangar	S/o- Haladhar Dangar Vill-Balarampur PO-Pathardoba Ps- Simlapal pin-722151	7602162989	Simlapal
22	Sri Tapas Dangar	S/o- Shyama pada Dangar Vill-Balarampur PO-Pathardoba Ps- Simlapal pin-722151	8016744948	Simlapal
23	Sri Chaitan Pal	S/o-Golok Pal Vill-Nakrapocha Po- Paali PS- Barikul	8001140147	Ranibandh
24	Sri Jhantu Hansda	S/o- Brajendra Hansda Vill-Doluibasa Po-BirkhamPS-Ranibandh	8972186971	Ranibandh
25	Smt Sanjukta Singha	D/o-Haladhar Singha Vill-Chandana PO & PS-Khatra Dist- Bankura pin-722140	7872610988	Khatra
26	Sri Subhasish Patra	S/o-Amarendra nath Patra Vill & Po- Kashipur PS- Khatra pin-722140	9547303018	Khatra
27	Avoy kumar Patra	S/o- Arabinda Patra Vill & Po- Kashipur PS- Khatra pin- 722140	7602264128	Khatra
28	Sri Mrinmoy Patra	S/o- Krishnapada Patra Vill & Po- Kashipur PS- Khatra pin-	81116159078	Khatra

		722140		
29	Sri Dipak Pal	S/o- Krishnapada Pal Vill-Mulbaut Po- Supur Ps- Khatra pin-722121	9832811063	Khatra
30	Sri Satya Ranjan Patra	S/o-Samarendra Patra Vill-Kadra Po- Baidyanathpur PS- Khatra	8900333768	Khatra
31	Sri Ajoy Patra	S/o- Karali kinkar Patra Vill- Kadra Po-Baidyanathpur Ps- Khatra	8101101292	Khatra
32	Sri Goutam Patar	S/o- Nimai Patar Vill & Po -Kankradara Ps- Khatra	9564852445	Khatra
33	Subrata Roy	Vill-Dhabani Po-Jamda PS-Khatra	8101207314	Khatra
34	Goutam Mahata	Vill-Susunia Po-Bondubrajpur PS-Simplalal	8348479126 9474488335	Simplalal
35	Sri Somnath Karmakar	Vill & Po & PS- Simplalal	9933138668	Simplalal
36	Partha Sarathi Dutta	Vill-Jamboni PO- Putfadaha Ps-Simplalal	9733056683	Simplalal
37	Babulal Mahato	Vill-Routora Po-Siromonipur PS-Raipur	9735777052	Raipur

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

A large nos of Civil Defence Basic Training Course conducted by the District Civil Defence set up have been held. After completion of such course, a large number of trainees have been nominated for Advance Training Course at Central Civil Defence Training College, West Bengal at Kolkata and also at NVF Training Centre at Kalyani, Nadia. In addition, Search and Rescue Diving Course conducted by the Life Saving Society of India, Kolkata has also been held.

(37)

Sl no	Name of the Block	No of total Enrolled CDV	Nos of QRT members	DEEP DIVING TRAINED CDV	<u>Name & Contact no of Deep Diving Trained CDV</u>
1	Bankura-I		11	2	i) Bibhas Gorai-9933593523 ii) Nitas Das-9647292685
2	Bankura-II		14	2	i) Dinesh Pal-9851514789 ii) Sourav Chattaraj-7872657633
3	G.Ghati		10	2	i) Raja Ram Bauri-9734294420 ii) Ranadip Mondal-7407375875
4	Chhatna		7	2	i) Paran Bauri-8509331158 ii) Rajesh Malakar-9332899402
5	Mejia		3	1	i) Debasish Ghorui-7797035183

6	Saltora		2	2	i) Nimai Bauri-8670467085 ii) Biplab Pal-
7	Borjora		7	2	i) Laltu Pal-8373869672 ii) Dipankar Ghosh-8768946227
8	Onda		6	2	i) Tapas Pariksha-9002453545 ii) Tufan Patra-89726865935
9	Bishnupur		3	2	i) Biswanath Hembram-9735561500 ii) Bikash kr Roy-9002896395
10	Sonamukhi		8	2	i) Bijan kr Das-9647208369 ii) Subhendu Mondal-9933433430
11	Indas		6	2	i) Sri Tarun Nayek-8642844578 ii)Kumeresh Chattapadhyay 8768976108
12	Patrasayer		5	2	i) Manu lohar-8906425327 ii) Samir lohar-8537966943
13	Joypur		3	2	i) Milan Santra-8967482525 ii) Tapas Bhagat-7797424961
14	Kotulpur		1	1	i) Sumanta Ghosh-8906828599
15	Indpur		5	1	i) Sourav Mohanti-9635021692
16	Hirbandh		4	2	i) Shantanu Mondal-9609983391 ii) Nitai Sardar-9679795918
17	Raipur		4	2	i) Jadupati Mallick-8967861815 ii) Subal pal-9564996172
18	Taldangra		2	2	i) Shanawaz khan-8616104270 ii) Sushovan Barik-8116834803
19	Sarenga		3	1	i) Parthasarathi Mohanti-9734793718
20	Simlapal		8	2	i) Chiranjib Mahata-9635171355 ii) Alip Mandal-8670503910
21	Ranibandh		2	2	i) Jhantu Hansda-8972186971 ii) Lakshmiram Hansda-8016784014
22	Khatra		9	2	i) Avoy kr Patra-7602264128 ii) Satyaranjan Patra-8900333768
23	Reserve	-	-	8	i) Somnath Shit-9093485307 ii) Suman Pal-8926051909 iii) Dibyendu Goswami-9563965800 iv) Debabrata Banerjee-7384849090 v) Susanta Bhui-8145119120 vi) Karuna Mondal-9932886620 vii) Sumanta Ghosh-9735827315 viii) Raghunath Basuri-9002867151
	TOTAL	334	123	48	

Sub-Division wise break-up

Sl no	Name of Sub-Division	Nos of Trained QRT CDV	Nos of Divers trained CDV
1.	Under Bankura Sadar Sub-Division	60	15
2.	Under Bishnupur Sub-Division	26	11
3.	Under Khatra Sub-Division	37	14
	Reserve under CD Headquarter	-	8
	TOTAL	123	48

Contact no.s:

- 1. Officer-in-Charge, Civil Defence, Bankura – 9434456452.**
- 2. Senior-SOI-Civil Defence, Bankura – 9434382675.**
- 3. Sri Sanjay Neogi, full time CDV – 9088479542.**

(39)

PREPAREDNESS

PUBLIC HEALTH ENGINEERING DEPARTMENT,

BANKURA

(40)

Disaster Management Plan of Bankura Division, P.H.E. Dte. for the year 2016-2017 to combat Disaster.

Introduction: 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. Hail storm does not affect water supply schemes much directly. To combat drought and flood situation a management plan is required to maintain smooth water supply in the affected areas.

Management Plan to combat drought:

1. Observation of declination of Ground Water Table.
2. Observation of decrease of yield of tube wells.
3. Surfing 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. Supply of water by tanks if necessary in the areas of acute crisis.
10. Arrangement of water pouch in the areas of acute crisis.
11. Minimization of wastage of water.
12. Setting up of control room.
13. Keeping close liaison with District & Local Administration.
14. No. & location of pumping station – Dedicated tanker filling point with sport arrangement – 3 nos.
15. Neat tube wells show room, Katjuridanga, from Ashna water supply scheme.
16. Near Rajagram Bridge, at the pump house for B.S.M.C. & H. water supply scheme.
17. Near S.D.O. Office at Khatra water supply scheme.
18. Water huts – 3 nos. community tanks under Kargahir water supply scheme.
19. Availability water tanker – Not available may be obtained from different block.
20. Piped water supply scheme – Commissioned Schemes:-
 - i) **Bankura-I Block – 4 nos.**
 - ii) **Bankura-II Block – 2 nos.**
 - iii) **Barjora Block – 3 nos.**
 - iv) **Bishnupur Block – 1 no.**
 - v) **Chhatna Block – 3 nos.**
 - vi) **Saltora Block – 2 nos.**
 - vii) **Gangahalghati Block – 2 nos.**
 - viii) **Indus Block – 2 nos.**
 - ix) **Indpur Block – 1 no.**
 - x) **Joypur Block – 4 nos.**
 - xi) **Khatra Block – 1 no. (Big).**
 - xii) **Kotulpur Block – 3 nos.**
 - xiii) **Mejia Block – 2 nos.**
 - xiv) **Onda Block – 1 no.**
 - xv) **Patrasayer Block – 2 nos.**
 - xvi) **Raipur Block – 3 nos.**
 - xvii) **Sarenga Block – 4 nos.**
 - xviii) **Simlapal Block – 4 nos.**
 - xix) **Sonamukhi Block – 2 nos.**
 - xx) **Taldangra Block – 1 no.**
21. Piped water supply scheme under BRGF (Ph-I) partially commissioned scheme.
 - i) Saltora Chhatna piped water supply scheme
 - ii) Barjora, Bankura-I & II water supply scheme
 - iii) Onda water supply scheme.

Measures to be taken to combat flood :

- i. Supply of drinking water by tanks in the affected areas.
- ii. Sinking of tube wells at high land and rescue centers.
- iii. Raising of head of tube wells in water logged areas.
- iv. Repairing of damaged tube wells.
- v. Disinfection of tube wells or other source of water after flood.
- vi. Disinfection of piped water supply scheme.
- vii. Surging, washing and development of tube wells.
- viii. Replacement of damaged / wash out river bed tube wells.
- ix. Repairing and restoration of damaged collecting lines of river bed tube wells.
- x. Monitoring of water quality parameters.
- xi. Setting up of control room.
- xii. Keeping close liaison with District & Local Administration.

Control rooms : Following control rooms will function during disaster.

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. Arindam Majumder, E.E. 2. Sanjoy Mondal, A.E.(HQ) 3. Sudhansu Sekhar Nandi, SAE. 4. Dolon Dutta, SAE	(03242) 250269 / 250695	9433170467 9007941570 9474930638 9434438802
2	Office of the Executive Engineer, Bankura Mechanical Division, PHE Dte. Alakandi (P.H.E. Complex), Bankura	1. Soumitra Pradhan, E.E.	(03242) 250573	9851839427
3	Office of the Assistant Engineer, RWS Bankura Sub-Division, PHE Dte. Gobindanagar, Bankura	1. Paresh Nath Roy, A.E. 2. All S.A.E. under this Sub Divn.	(03242) 251129	9475232497
4	Office of the Assistant Engineer, Bankura Sadar Sub-Division, PHE Dte. Rabindra Sarani (Near Jail Road), Bankura	1. Sudip Ghosh, A.E. 2. Syamal Kumar Patra, SAE 3. Asim Kumar Mukherjee, SAE 4. Dilip Kumar Chandra, SAE 5. Harihar Sarkar, SAE	(03242) 250269	9434404400 8670104727 9475355853 9434224283 9564837633
5	Office of the Assistant Engineer, Bishnupur Sub-Division, PHE Dte. Near Bishnupur Municipality, P.O:Bishnupur, Bankura	1. Tarun Dutta, A.E. 2. Asish Rudra, SAE 3. Mousumi Mishra, SAE 4. Jagannath Kundu, SAE	(03244) 252104	9434224702 9333833533 9434517434 9434527478
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. Sanjib Mandal, SAE 3. Nikhil Mandal, SAE	(03243) 255194	9474035610 9732934913 7384767172
7	Mail Address:	Web site: www.wbphed.gov.in E-mail: ee_bank@wbphed.gov.in Helpline : 18003451001		

(42)

PREPAREDNESS

HEALTH DEPARTMENT, **BANKURA**

(43) **DISTRICT PROFILE FOR Health**

NAME OF THE DISTRICT: BANKURA

POPULATION: 3719239

NO. OF SUB DIVISION: - 3 (BANKURA SADAR / BISHNUPUR / KHATRA)

NO. OF MUNICIPALITY: - 3 (BANKURA / BISHNUPUR / SONAMUKHI)

NO. OF BLOCK: - 22

NO. OF GP: 190

NO. OF VILLAGE : 6458

BPHC: 22

PHC: 69

SUB CENTRE: - 564

ACTION PLAN FOR DISASTER MANNAGEMENT

This district is situated in the south western part of west Bengal . Cancer line (23.5 degree N) passes over Saltora and Borjora block .

Average rainfall of the district is 65 c.m. yearly and 42 c.m. in the month of August, which is the highest in a month.

Area- 6882.2 sq. km.

Population- Population in 2011 census is 37 lacks 48 thousand.

ACTION PLAN FOR FLOOD MANAGEMENT

The district is geographically uneven with small hills here and there River Damodar borders the district in the north and river Dwarakeswar cuts the district into two uneven parts. During monsoon, when maximum rainfall occurs in the month of August, though flood does not occur due to its geographical nature.

Due to waterlogging, though there is no loss of life, as in flood, other public health problems crop up very similar to flood, i.e. spread of water born diseases, insect born diseases and snake-bites following water logging. To tackle the situation the following measures are planned to be undertaken.

1) Prompt disinfection of all the drinking water sources and maintenance of disinfection with the help of local Panchayet body and P.H.E.

2) Prompt repair and new set-up of drinking water sources with the help of PHE.

3) Proper and adequate stock of essential drugs like anti diarrhoeas, infusion set and infusion fluids, ORS, disinfectants, AVS, antipyretics, anti malarial etc. in all concerned blocks. All BMOH s are instructed to procure it in the last half of June from the DRS / Dy. CMOH-II and keep it separately labelling as "**Flood Emergency Stock**". It should not be used for any other purpose till the monsoon is over i.e. 15th. Aug. 2016.

Stock of drugs:-

- Bleaching Powder, Halazone, ORS, Anti-Diarrhoeals like Metrogyl, Norflox, Antivenin, I.V. Fluid etc. are to be kept ready with BMOH/ACMOH and to be earmarked as Disaster Management Stock. Also adequate stock is to be kept with sub-centre staff. When-ever possible, a small stock is to be kept with a contact person like CHG/Panchayat functionary so that it can be available at odd hours.

4) **Surveillance:-** Strict surveillance is kept over any possible outbreak of diarrhoea disease. Disease surveillance unit of the district is kept alert for any Rapid Action Response in face of any outbreak.

5) **Reporting:-** By special messenger daily.

6) **Opening of Control Room** at the district level and at the block level as soon as there is water logging.

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

S I N O	Name of Affected Block	Number of affected GP	Number of affected population	Health establishments likely to be affected			
				RH	BPHC	PHC	SC
1	Indas	Dighalgram Amrul Karisunda Roll Mongalpur	845 989 761 1400 725		Indas BPHC	Dighalgram Kenety PHC Kenety PHC	Kunjapur Amrul and Kenety Karisunda, Gobindapur Somsar, Mongalpur
2	Borjora	Maliara Brindabanpur Pakhanna Ghutgoria	4064 559 4562 767		Barjora BPHC	Pakhanna Chhandar	Pratappur, Madhabpur, Baramana, Bridabanpur, Barkura Ghutgoria, Pakhanna, Chhandar, Chotomana

3	Sonamukhi	Radhamohanpur, Purba Nabasan, Dihipara Hamirhati Dhulai Panchal	5589 5698 5789 3569 4521 1500	Sonamukhi RH		Dhulai Panchal	Dihipara, Rangamati Boromanachar, Amritpara Hamirhati, Panchal, Dhulai, Nabason
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SI No	Name of Affected Block	Number of affected GP	Number of affected population	Health establishments likely to be affected			
				RH	BPHC	PHC	SC
4.	Mejhia	R.C.Pur Banjora Ardhagram Mejhia	1550 1050 3500 2850		Mejhia BPHC	Ramchandrapur	Telendamana Pri School Bhara, Ramchandrapur, Jalanpur Pri School Ardhagram SC
5	Patrasayer	Narayanpur Belutrasulpur Hamirpur Jamkuri Kusordeep Balsi-II	6325 2731 4151 650 350 750 1520		Patrasayer BPHC	Kusordeep Balsi	Narayanpur, Deulpara, Ghoradanga, Belut, Bijpur, Hamirpur, Khosalpur, Akharasal, Kusordeep
6	Bankura-II	Kostia Narraha Bikna Sanbandha	2200 775 600 8900		Kanchanpur BPHC		Harimela Primary School ICDS Centre Sarawati Club Sanbandha SC

SI No	Name of Affected Block	Number of affected GP	Number of affected population	Health establishments likely to be affected			
				RH	BPHC	PHC	SC
7	Kotulpur	Kotulpur Madanmohanpur Lowgram Lego	466 2600 1500 75	Kotulpur		Lowgram Lego	Kotulpur GP SC Madanmohanpur SC Lowgram SC Lego SC
8	Bankura-I	Jagadalla-II	12500		Anchuri BPHC		Jagadalla SC
9	Saltora	Bamuntore	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 BPHC, Kenety PHC Dighalgram PHC Kenety PHC Korisunda SC MongalpurSC RoI SC Amrul SC	Indas BPHC, Kenety PHC Dighalgram PHC Kenety PHC SC SC SC SC	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 SC Madhabpur SC Baraman SC Brindabanpur SC Barkura SC Chhandar SC Pakhanna SC Choto Mana SC	Borjora BPHC BorjoraBPHC BorjoraBPHC BrindabanpurP HC Chhandar PHC Pakhanna PHC Ghutgoria PHC	Sitarampur Pry. School Pingrui Pry.School Baramana High School Brindabanpur Pry.school Barkura Pry.School Chhandar High School Pakhanna Pri. School Chotomana Pri School
Sonamukhi	Amritpara SC Baramanachar SC Dhipara SC Rangamati SC	Amritpara PHC Kundapuskarani PHC Dhipara PHC Dhipara PHC	Uttardesisa R.P.Primary School, Kurumpur Junior High School. Lalbabachar Sishu Shikha Kendra Uttarchar Primary 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
Mejhia	Bhara SC Ramchandrapur SC Jangpur SC Ardhagram SC Banjira SC	Ramchandrapur PHC Ramchandrapur PHC Ramchandrapur PHC Mejhia BPHC Mejhia BPHC	Telendra mana Primary School Ramchandrapur Primary School Jalanpur Primary School

Patrasayer	Narayanpur, Deulpara, Ghoradanga, Belut, Bijpur, Hamirpur, Khosalpur, Akharasal, Kusordeep	Patrasayer BPHC Patrasayer BPHC Patrasayer BPHC Naldanga PHC Naldanga PHC Patrasayer BPHC Patrasayer BPHC Kusordeep PHC Kusordeep PHC Narayanpur PHC	Narayanpur GP Office,Kamalasayer Primary School,Barasath Primary School, Kanchpara Primary School,GobindapurMSK,Balarampur Pimary School,Mamudpur Primary school,Belutrasulpur G.P,Office,Belut Pri School,Bijpur High School,Akharasal High School.
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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
Bankura-I	Jagadalla-II SC	SC	Jagadalla Primary School Jagadahalla GP
Bankura-II	Sanbandha SC	SC	Sanbandha High School Sanbandha Sub Centre
Saltora	Bamuntore SC	SC	Bamuntore high School Bamuntore Primary School

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

Name of Block	Population 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
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
Name of Block	Population 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)

Sonamukhi BPHC	Uttardesiachar-1445 Uttarpalsora-1147 Baglui-757 Lalbabachar-831 Uttarchar-367 Rangamati S Char-625 Moheshpur-500 Methra-500 Baramana-1200 Amritpara-560 Majirdanga-358 Hamirhati-456 Nabason-890 Pearbera-560 Dhulai-450	3	AmritparaSC Baramanachar SC Dhipara SC RangamatiSC Moheshpur Pri School Methara Pri School	Sonamukhi RH
Mejhia BPHC	Telendramana-250 Kesabmana,Balarampur mana(Durgamana)-380 Jalanpur-280	4	R.C. Pur PHC, Jalangepur SC	RC Pur PHC

Name of Block	Popuation at risk	additional service point planned with probable name of the place like school, GP office etc.		
		<ul style="list-style-type: none"> 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)
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

Name of Block	Population 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)
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 High School Bamuntore GP Office	Saltora BPHC

Communication (District Level):

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	7044582885	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 CMOH	7044582885
Media Management	CMOH	9434130398	Nominated by CMOH	7044582885

Names of Nodal officers(Subdivision):

Sl 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

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

Sl No.	Name of RH / BPHC	Name of Supdt / BMOH	Mobile No.	Name of BPHN/PHN	Mobile number	Name of The Pharmacist	Mobile Number
1.	Indas BPHC	Dr. Ujjawal Mondal	9434393050	Pratima Koner	9474048083	Mahaswar Mallick	9434931891
2.	Barjora BPHC	Dr. Tuhin Bhin	8509162114	Hiramonni Mondal	7872082926	Abanibhusan Mandal	9434566581
3.	Sonamukhi RH	Dr. Priyo Kumar Sahana	9474776674	Uma Pandey	8961170018	Bidhan Ch. Barman	9933983386
4.	Mejhia BPHC	Dr.Nandan Bandyopadhyay	9474019510	Laxmi Samanta	9434151475	Beni Madhab Khan	9475373077
5.	Patrasayer BPHC	Dr.Priyadarshini Jash	9874229043	Rikta Mondal	9434525351	Sukumar Nandi	9474931833
6.	Saltora BPHC	Dr. Shyamal Mukherjee	9932520835	Manasi Barman	8371870911	Saibal Karmakar	9474046255
7.	Anchuri BPHC	Dr. Birendra nath Soren	9434330905	Archana Paul	9732153760	Samiran Barman	9933411651
8.	Kanchanpur BPHC	Dr.Uttam Kapri	9434361553	Dipali Goswami	9932382695	Badal Chand	9434392872
9	Kotulpur RH	Dr. Arun Kr. Das	9474043230	Reba Adak	8371968996	Sk.Sajahan	9474183888

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

Category	Present availability (number)			Manpower (10%) who can be deployed to other place*		
	DH	SD/SG	Block (include RH & BPHC)	DH	SD/SG	Block (include RH & BPHC)
Specialist	0	0	2	0	0	2

Medical Officer	0	0	42	0	0	33
Nursing Staff	0	0	94	0	0	75
MPHW	0	0	410	0	0	319

** Please identify the 10% manpower before hand & sensitize them. Submit the detail list of said manpower in soft copy separately.*

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	p e r i p h e r y	
127 bags	220	100 bags	100000 container	22,0000	3,44,000	100080	2 8 , 0 0 0 p k t	4,06 000
Normal Saline			Ringer lactate			Injection AVS		
Stock		Need	Stock		Need	Stock		Need
DRS	periphery		DRS	periphery		DRS	perip hery	
6670	4183	1750	15680	3486	3200	477 box	455	330

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Stock to indicate position as on date & need should indicate requirement for treatment of population likely to be affected in case of flood/ disaster.

Requirement of Material- Transport

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

Motor Vehicles –30

No.Hiring charge – @10000/-

Boats-30

No.Hiring charge – @5000/-

Others-12

Type of vehicle with no –20

Hiring charge – @ 2000/-

Other expenses:Rs.100000/-

(Loading unloading, IEC)

Total amount required as contingency cost: Rs.540000/-

DRS,Bankura STOCK POSITION AS ON 25.04.2016:

Sl.No.	Item Name	Quantity
1	Tab. Cotrimoxazole	550
2	Tab. Metronidazole	60620
3	Tab. Norflox	30760
4	Tab. Ciprofloxacin	11545
5	Tab. Paracetamol	100080
6	Tab. Antihistamin(cetirizine)	7100
7	ORS	100000
8	5% Dextrose	3916
9	Normal Saline	6670
10	Ringer Lactate	15680
11	Tab Belladona	12330
12	Tab. Antiemetic	Nil
13	Bleaching Powder	127 drum @ 25kg
14	AVS	172
15	Halazone	100000
16	Gloves	1893
17	Tab. Azithromycine	14383
18	Tab. Domperidom	12330

Medicine Stock Position:

B.P.H.C.	Drugs Name	Buffer Stk	Stk in Hand	Stock Reqd.
Indas	A.V.S.	292	292	200
	Halogen	0	0	100000
	O.R.S.	20500	20500	15000
	Bleaching Powder	3	3	4
	Normal Saline	800	800	1500
	Ringer's Lactate	800	800	1500
	5% Dextrose	400	400	200
	Metronidazole	35000	35000	40000
	Norflox	8000	8000	20000
	Septran	0	0	0
	Paracetamol Tab.	45000	45000	50000
B.P.H.C.	Drugs Name	Buffer Stk	Stk in Hand	Stock Reqd.
Kotulpur	A.V.S.	100	100	400
	Halogen	9500	9500	50000
	O.R.S.	6500	6500	20000
	Bleaching Powder	5 Drum	5 Drum	20Drum
	Normal Saline	1300	1300	10000
	Ringer's Lactate	2205	2205	15000

	5% Dextrose	675	675	5000
	Metronidazole	50000	50000	100000
	Norflox	5000	5000	30000
	Septran	5000	5000	5000
	Paracetamol Tab.	100000	100000	300000

B.P.H.C.	Drugs Name	Buffer Stk	Stk in Hand	Stock Req'd.
Sonamukhi	A.V.S.	400 Vial	278 Vial	2000 Vial
	Halogen	Nil	---	1,00,000
	O.R.S.	5000 Pkt.	7500 Pkt.	30,000 Pkt.
	Bleaching Powder	2 x 25 Kg	1 x 25 Kg	50 x 25 Kg
	Normal Saline	3700 Bts.	3100 Bts.	9000 Bts.
	Ringer's Lactate	3600 Bts	3100 Bts	9000 Bts
	5% Dextrose	1000 Bts	900 Bts	3000 Bts
	Metronidazole	30,000 Tab.	20,000 Tab.	5,00,000 Tab.
	Norflox	15000 Tab.	15000 Tab.	3,00,000 Tab.
	Paracetamol Tab.	60,000	60,000	7,00,000

NAME	DESIGNATION	MOBILE NO
Dr Ujjwal Mondal	Block Medical Officer of Health	9434393050
Dr Saurabh Tudu	nd 2 Medical Officer of Health	9434362309
Pratima Koner	BPHN	9474048083
Dalia Salui B.P.H.C.	HA(M/F) Drugs Name	9732270160
Srikanta Dutta	MT IAB	9474724800
	A.V.S.	210 vials
Maheswar Mallick	PHARMACIST	9434931891
Sarbananda Bhat acharya	DEO	9434575874
	O.R.S.	76000
Kanchanpur	Bleaching Powder	3
	Normal Saline	300
	Ringer's Lactate	300
	5% Dextrose	70

	Metronidazole	20000	20000	4000
	Norflox	4600	4600	5000
	Paracetamol Tab.	20000	20000	10000

Member of the control room of respective Blocks: Indas
Member of the control room of respective Blocks: Kotulpur RH

NAME	DESIGNATION	MOBILE NO
Dr.Arun Kr Das	Block Medical Officer of Health	9474045230
Dr.Kabysree Jana	nd 2 Medical Officer of Health	9832176689
Sunita Bhowmik	BPHN	9674651409
Shyam Sundar Sing	HA(M/F)	9732153966
Tapash Kr Roy	MT LAB	9474379290
Sk.Sajahan	PHARMACIST	9474183888
Dharmapal Kundu	DEO	9474046342

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Member of the control room of respective Blocks: Mejhia

NAME	DESIGNATION	MOBILE NO
DR. NANDAN BANDYOPADHYAY	Block Medical Officer of Health	9474019510
DR. ANIK KUMAR BISWAS	nd 2 Medical Officer of Health	9434524975
LAKSHMI SAMANTA	BPHN	9434151475
SIPRA MONDAL	HA(M/F)	7872607134
SUNITA MUDI	HA(M/F)	9735112845
ASHUTOSH SHIL	MT LAB	9832296148
BENI MADHAB KHAN	PHARMACIST	9475373077
AMIT MAJI	DEO	8436252540
SUMAN DUBEY	DEO	8388941264

Member of the control room of respective Blocks: Sonamukhi

NAME	DESIGNATION	MOBILE NO
Dr. P.K. Sahana	BMOH	9474776674
Uma Pandey	BPHN	8981166443
Tapasi Modak	HA(M/F)	9531646022
Sudip Kr. Mukherjee	MT LAB	9153427202
Bidhan Ch. Barman Majhi	PHARMACIST	9933983386

Member of the control room of respective blocks: Patrasayer

NAME	DESIGNATION	MOBILE NO
Dr. Priyadarshi Jash	Block Medical Officer of Health	9874229043
Anjali Maity	BPHN	9733914433
Dilip Das	HA(M/F)	9475336431
Swapan Kr. Biswas	MT LAB	9474565488
Sukumar Nandy	PHARMACIST	9474931833
Kajal Maji	DEO	9732125409

Member of the control room of respective Blocks: Anchuri BPHC

NAME	DESIGNATION	MOBILE NO
Dr. Birendranath Saren	Block Medical Officer of Health	9434330905
Dr. Mahua Ghosh	nd 2 Medical Officer of Health	9434124614
Archana Pal	BPHN	9732153760
Umapada Shit	HA(M/F)	9475167189
Somnath Datta	MT LAB	9474776174
Samiran Barman	PHARMACIST	9563162103
Koushik Das	DEO	9433129909

Member of the control room of respective Blocks: Kanchanpur BPHC

NAME	DESIGNATION	MOBILE NO
Dr Uttam Kapri	BMOH	9434361553
Dr. Binita Pal	MO	9434581644
Dipali Goswami	BPHN	9965382685
Tarapada Paramanik	BSI	9832145522

Member of the control room of respective Blocks: Barjora BPHC

NAME	DESIGNATION	MOBILE NO
Dr. Tuhin Bhui	Block Medical Officer of Health	8509162114
Dr. Satabdi Mondal	nd 2 Medical Officer of Health	9434237542
Aparna Dey Dutta	BPHN	9434586900
Basudeb Mukherjee	HA(M)	8972746435
Juin Karmakar	HA(F)	9679747740
Krishna Khandelwal	HA(F)	9647903145
Tinku Mondal	HA(F)	8348906501
Gour Ch. Gayen	MT LAB	9474674929
Abani Bhusan Mondal	PHARMACIST	9474566581
AJU HOSSAIN MIDDYA	DEO	8967332264
Litabati Dey	DEO	7098428133

- **Inter and Intra sectorial co ordinations**

Convergence among Health, ICDS, and PRI agencies.

Block Level

Sl. No.	Block	Designated Person	Contact No.
1	Indas	Block Development Officer	03244-263231
2		Sabhapati	
3		CDPO	03244-263833
		BMOH	9434393050
4		nd M.O.	9434362309
5		BPHN	94749474048083

7		Data Entry Operator	9434575874 and 9434626498
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Sl. No.	Block	Designated Person	Contact No.
1	Kotulpur	Block Development Officer	9475900076
2		Sabhapati	9434754748
3		CDPO	8900001346
		BMOH	9474045230
4		2 nd M.O.	9832176689
5		BPHN	9674651409
7		Data Entry Operator	9474046142

Sl. No.	Block	Designated Person	Contact No.
1	MEJHIA	Block Development Officer	8373052834
2		Sabhapati	9609627402
3		CDPO	9434544782
		BMOH	9474019510
4		2 nd M.O.	9434524975
5		BPHN	9434151475
7		Data Entry Operator	8436252540 & 8388941264

Sl. No.	Block	Designated Person	Contact No.
1	BANKURA-I	Block Development Officer	8373052830
2		Sabhapati	9734228469
3		CDPO	9475622893
		BMOH	9434330905
4		2 nd M.O.	9434124614
5		BPHN	9732153760
7		Data Entry Operator	9433129909

Sl. No.	Block	Designated Person	Contact No.
1	Kanchanpur	Block Development Officer	
2		Sabhapati	
3		CDPO	
		BMOH	
4		2 nd M.O.	
5		BPHN	
7		Data Entry Operator	

Sl. No.	Block	Designated Person	Contact No.
1	Barjora	Block Development Officer	03241-257227, 9475900063
2		Sabhapati	8967691321

3		CDPO	03241-256014, 9475332512
4		BMOH	8509162114
5		2 nd M.O.	9434237542
6		BPHN	9434586900
7		Data Entry Operator	8967332264

Fund Required: Indas Block

- No. of Motor Vehicles required -5
- Hiring charges of motor vehicles –amounting Rs.....20000
- No. of Boats required –4
- Hiring charges of Boats –amounting Rs.....4000
- Logistic & Medicine purpose-10000
- Others charges-10000
- (Loading unloading, IEC) Rs.5000

Total amount required as contingency cost: Rs-49000

Fund Required: Kotulpur Block

- No. of Motor Vehicles required –10
- Hiring charges of motor vehicles –amounting Rs.....10000 Per Day
- No. of Boats required –12
- Hiring charges of Boats –amounting Rs.....12000
- Logistic & Medicine purpose-30000
- Others charges-20000
- (Loading unloading, IEC) Rs.-5000

Total amount required as contingency cost: Rs-77000

Fund Required: Mejhia Block

- No. of Motor Vehicles required – 4
- Hiring charges of motor vehicles –amounting Rs. 3000/- per Day
- No. of Boats required – 1
- Hiring charges of Boats –amounting Rs. 6000/- per day
- Logistic & Medicine purpose- 20000/-
- Others charges- 15000/-
- (Loading unloading, IEC) Rs. -10000/-

Total amount required as contingency cost: Rs- 10000/-

Fund Required: Sonamukhi Block

- No. of Motor Vehicles required – 3
- Hiring charges of motor vehicles –amounting Rs.-2400/-
- No. of Boats required –

- Hiring charges of Boats –amounting Rs.- 1000/-
- Logistic & Medicine purpose- 2000/-
- Others charges- 5000/-
- (Loading unloading, IEC) Rs. 5000/-
- **Total amount required as contingency cost: Rs:- 15400/-**

Fund Required:Patrasayer Block

- No. of Motor Vehicles required – **3**
- Hiring charges of motor vehicles –amounting Rs. **3500/-**
- No. of Boats required - **03**
- Hiring charges of Boats –amounting Rs. **3000/-**
- Logistic & Medicine purpose- **10000/-**
- Others charges- **5000/-**
- (Loading unloading, IEC) Rs. **6000/-**

Total amount required as contingency cost: Rs. 27500/-

Fund Required:Bankura-II Block

- No. of Motor Vehicles required – 02
- Hiring charges of motor vehicles –amounting Rs 30,000/-
- No. of Boats required –
- Hiring charges of Boats –amounting Rs
- Logistic & Medicine purpose- 5000/-
- Others charges- (Loading unloading, IEC) Rs. 5000/-

Total amount required as contingency cost: Rs 40,000/-

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PREPAREDNESS

IRRIGATION Department, Bankura

(63)

- 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.	Nakajuri, 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 2016.
- 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 Kangsabati 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)

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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
3.	Paschim Medinipur CONTROL ROOM	Executive Engineer West Medinipur Division Po. & Dist.-Medinipur	03222-275373	03222-275466

LIST OF R.T. SETS UNDER KANGSABATI CIRCLE MAINTAINED BY I & W DEPARTMENT

Sl. No.	R.T. Set Station
1.	Khatra
2.	Silabati Barrage (Kadamdeuli)
3.	Bhairab banki Barrage (Jantadumur)
4.	Tarafeni Barrage (Belpahari)
5.	Raipur

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

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

Sl. No.	Name of Rain gauge station	Average Annual Rainfall
1.	Bankura	1699.55 mm (Av. from 2010-2015)
2.	Mukutmaipur	1575.60 mm (Av. from 2010-2015)
3.	Khariduar	1368.37 mm (Av. from 2010-2015)
4.	Purihansa	1548.33 mm (Av. from 2010-2015)
5.	Fulberia	1537.83 mm (Av. from 2010-2015)
6.	Tusuma	1370.40 mm (Av. from 2010-2015)
7.	Simulia	1232.57 mm (Av. from 2010-2015)

**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
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PREPAREDNESS

AGRICULTURE Department, Bankura

DISASTER MANAGEMENT PLAN OF BANKURA DISTRICT DURING 2016-17
(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 Ghanti, 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 varieties like IET-5656, MTU-7029, Sabita can give good production if they are transplanted late with aged seedlings, 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- Rabi Kalai) Oil seeds (like-Winter-Til, Linseed , Mustard and Sunflower 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 800gm. 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 as locally called should be followed and in others cases where seed/seedlings are grown in lines furrow irrigation system should be followed.
- 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) 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.
- iv) The crop field should be kept weed free to avoid moisture loss.
- v) Seepage losses of water from field channel should be checked.

- vi) 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 2015-2016

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	2000	4 kg./kit	267 ha.
8.	Sunflower (Hybrid)	8000	1 kg./kit	1067 ha.

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	12000	4 kg./kit	1600 ha.
3.	Arahar	6000	4 kg./kit	800 ha.

2. PLANNING FOR MANAGEMENT OF FLOOD

A) Early Flood :

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

- (a) Fund for Soil Conservation or land reclamation works ` 25.0 lakh
 (b) 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	6000	4 kg./kit	800 ha.

B) for Late Flood.

- (c) (i) Fund for Soil conservation & land reclamation works ` 35.0 lakh
 (d) (ii) 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	18000	15 kg./kit	2400 ha.
2.	Mustard	15000	1 kg./kit	2000 ha.
3.	Linseed	3000	1 kg./kit	400 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	3000	4 kg./kit	400 ha.

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

- (a) Reconstruction measures are to be undertaken to make good the losses of the farmers.
 (b) 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)	7500	3 kg./kit	1000 ha.

4. **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 30TH APRIL' 2016 (IN MM.)

	Jan	Feb	Mar	Apr	May	June	Jul	Aug	Sep	Oct	Nov	De c	Total
Normal	18.0 0	29.0 0	27.0 0	35.0 0	94.00	258.0 0	336.0 0	319.0 0	197.0 0	88.00	18.0 0	4.00	1423.0 0
2013	2.40	13.8 2	10.2 0	54.6 7	242.2 9	262.3 3	217.8 0	355.7 6	272.8 4	357.3 5	0	0	1789.4 6
2014	1.20	37.5 0	12.0 5	3.75	73.71	143.5 0	265.5 9	246.3 4	173.5 1	60.30	0	0.28	1017.7 3
2015	17.3 7	8.20	22.7 3	99.1 2	78.51	201.4 9	418.1 2	268.0 6	118.7	14.44	0	0	1246.7 4
2016	7.63	4.6	16.7 7	1.08	x	x	x	x	x	x	x	x	

PREPAREDNESS

ANIMAL RESOURCES DEVELOPMENT
Department, Bankura

Plan of action in respect of natural calamity – 2016-17

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 and Indas 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 and Indas) 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. Corpn. 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.

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.

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.

4. Flood preparedness meeting with the Block Livestock Dev. Officer will be held at the district headquarters within June – July , 2016 where they will be directed to keep vigilance if any situation arises due to flood with close relation to the respective Block Dev. Officer.

5. In the block level there are Block Livestock Dev. Officers who 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 executives officers of the respective Panchayet Samity.

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.

7. Arrangement to be sought for providing necessary relief to the affected livestock owner with the help of local administration and Panchayet machineries.

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

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

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 food relief contingency plan.

11. 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.

12. 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 <u>/day@Rs.1100/quintal</u> = 1057 quintals X Rs.1100/-	Rs.11,62,187/-
b) Cost of medicine and vaccine	Rs.10,00,000/-
c) Cost of paddy straw for 7 days @2 kg/animal/day @Rs.200/-/quintal	Rs.16,90,332/-
d) Contingency	Rs.2,00,000/-
Total requirement of fund	Rs.40,52,510/- or say Rs.40,52,520/-

13. Phone no. of proposed control room – 03242 – 250098, Fax No. 03242 – 254935

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

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 NO
1	District	DVO	8101914100/9932644461
		ASL, HQ	9434362166
		AD(DI)	9434440476
		VO, SAHC, Bankura	9732512665
2	Bankura I	BLDO	8101914104/9474815316
3	Bankura II	BLDO	8101914105
4	Chhatna	BLDO	8101914106
5	Saltora	BLDO	8101914107/9564100264
6	G.Ghati	BLDO	8101914108/9474630168
7	Mejhia	BLDO	8101914109/9564100264
8	Barjora	BLDO	8101914110
9	Onda	BLDO	8101914111
10	Bishnupur S.D	VO, SAHC, Bishnupr	9434829452
11	Bishnupur	BLDO	8101914112
12	Joypur	BLDO	8101914113
13	Kotalpur	BLDO	8101914114
14	Indas	BLDO	8101914115
15	Sonamukhi	BLDO	8101914116
16	Patrasayer	BLDO	8101914117
17	Khatra S.D.	VO, SAHC, Khatra	8927239813
18	Taldangra	BLDO	8101914118
19	Simlapal	BLDO	8101914119/8016375714
20	Raipur	BLDO	8101914120
21	Sarenga	BLDO	8101914121
22	Ranibandh	BLDO	8101914122
23	Indpur	BLDO	8101914123
24	Khatra	BLDO	8101914124
25	Hirbandh	BLDO	8101914125/9732522521

EMERGENCY SUPPORT FUNCTION (ESF) PLAN

Nodal Officers

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

Nodal Officer:

Name and Designation	Office address	Residential address	Phone with STD Code, e-mail
Dr. subir Kr. Nandy, Dy. Director, ARD&PO, Bankura	College More, PO & Dist. Bankura, Pin - 722101	Patpur, Bankura	(03242-250098 / 254935) (Mob. 9331265536 / 9830068664) ddardbankura@darahwb.org

Alternate Nodal Officer:

Name and Designation	Office address	Residential address	Phone with STD Code, e-mail
Dr. Nandalal Mondal, Dist. Vety. Officer, Bankura	College More, PO & Dist. Bankura, Pin - 722101	Gobindanagar Bus Stand, PO. Kenduadihi, Dist. Bankura	9434362166 ddardbankura@darahwb.org
Dr. Amiya Kr. Pal, Asstt. Director, ARD (DI), Bankura	College More, PO & Dist. Bankura, Pin - 722101	Jogeshpally, Bankura	9434440476 ddardbankura@darahwb.org

PREPAREDNESS

HORTICULTURE, Bankura

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**CONTINGENCY PLAN OF BANKURA DISTRICT DUE TO ATYPICAL WEATHER
CONDITION**

<i>Condition</i>	<i>Crop/Cropping system</i>	<i>Suggestive measure</i>
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 ArkaAnamika, ArkaAbhay, 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/flood	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

It may suggest that hybrid vegetable seed Minikit (Seeds) per bigha for early Rabi season variety may be supplied to the affected farmers as per following terms.

<i>Sl. No</i>	<i>crops</i>	<i>Area covered</i>	<i>Unit price (Rs.)</i>	<i>Total area</i>	<i>Total no. of beneficiary</i>	<i>Total budget (lakh)</i>
1	Hybrid Vegetable seeds (Cabbage, Cauliflower, Tomato, Brinjal, Chilli, Palak, Pea, Amaranthus, Coriender Leaf and Radish)	One unit covered one bigha area	500/- per Bigha	1000 ha	7500	37.50

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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@gmqil.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	8373052800 / 9434037744
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	9475900039	ndcbankura@gmail.com
O/C DDMC, Bankura	03242 254735	9475900047	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	9433170467	ee_bank@wbphed.gov.in / ee_bank_me@wbphed.gov.in
R.M., WBSEDCL	03242 250271 / 253900	9434021195	bnkdcircle@yahoo.com
D.M., WBSEDCL	03242- 250760	8348690172	bnk_div@rediffmail.com

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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	-	9434754807

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	8373052831	bdo_bankura2@yahoo.co.in
Chhatna	03242-277233	8373052832	bdo.chhatna@gmail.com
Saltora	03242-273224	8373052833	bdosaltora@rediffmail.com
Mejia	03241-250221	8373052834	bdo.mejia1@gmail.com
Gangajal Ghati	03241-265228	8373052835	gghati@gmail.com
Barjora	03241-257227	8373052836	bdo.barjora@gmail.com
Onda	03242-266236	8373052837	ondabdo123@gmail.com
SUB - DIVISION : KHATRA			
Indpur	03242-260222	8373052838	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	8373052844	bdo_sarenga@yahoo.com
Ranibandh	03243-250236	8373052842	bdo_ranibandh@yahoo.co.in
SUB - DIVISION BISHNUPUR			
Bishnupur	03244-252057	8373052846	bdobishnupur@gmail.com
Joypur	03244-249222	8373052847	bdojoypur@gmail.com
Kotulpur	03244-240234	8373052848	bdokotulpur2015@gmail.com
Sonamukhi	03244-275240	8373052849	bdo.sonamukhi@yahoo.co.in

Block	Block Development Officer		
	Office	Mobile	E-mail
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

Sl No	Sub Division	Block	SDDMOs / BDMOs	Office	Mobile
1	BANKURA	Sub-Division	SDDMO(Vacant)	03242-250260	
2		Bankura I	BDMO(Vacant)	03242-251330	
2		Bankura II	BDMO	03242-254627	9474039662
3		Bankura- I	BDMO (Vacant)	03242-251330	-
4		Saltora	BDMO	03241-273224	9232566422
5		Barjora	BDMO	03241-257227	9547408418
6		Mejia	BDMO	03242-250221	9836307685
7		Chatna	BDMO	03242-277233	8348900972
8		G.Ghati	BDMO	03241-265228	9474734208
9		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	9474045961
14		Kotulpur	BDMO	03244-240234	9836305609
15		Joypur	BDMO	03244-249222	8972186560
16		Bishnupur	BDMO	03244-252057	9474476493
17		Sub-Division	SDDMO	03243-255262	7679256304
18	KHATRA	Simlapal	BDMO	03243-262222	9475166122
19		Hirbandh	BDMO	03243-252232	9732280291
20		Khatra	BDMO	03243-255239	9434568249
21		Raipur	BDMO	03243-267224	9734549878
22		Sarenga	BDMO (Vacant)	03243-269243	
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
033-25263077, 033-25264394 (Fax)
of 2nd Bn. Vill - Digberia, Madhyamgram, Barasat, North 24 Parganas.

Power Station and Electric Installation

Toll free No: 1800 - 345 - 3212

Regional Office: 03242 - 250271

Divisional Engineer Bankura WBSSEDCL: 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

PREPAREDNESS CHECKLIST FOR VARIOUS DEPARTMENTS

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❖ Review of preparedness

Time	Process (Utilization, Maintenance and record keeping)	Responsible Department / Officials
May & November of	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.

every year.	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.

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❖ 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.

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❖ 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.

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❖ 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.