



District Disaster Management Plan Jagatsinghpur-2019-20

Volume- I

**DISTRICT DISASTER MANAGEMENT AUTHORITY
JAGATSINGHPUR**



DISTRICT DISASTER MANAGEMENT PLAN

JAGATSINGHPUR : 2019

Volume-I



DISTRICT DISASTER MANAGEMENT AUTHORITY
JAGATSINGHPUR

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FOREWORD

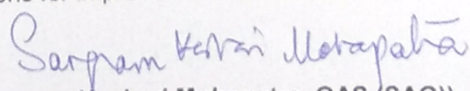
FOREWORD

It is very often seen that Jagatsinghpur District encounters many disasters like Cyclone, Drought, Heat Wave and Flood causing widespread loss of life, livelihoods and property during past years. It is known to the whole world how Jagatsinghpur district experienced the fury of Super Cyclone in the year 1999 which was an eye opener for the whole nation to remain in alertness and make necessary arrangements on top priority to face any types of calamity. It is realized that natural disaster can not be prevented but preparedness can help to minimize the losses.

The Multi-Hazard District Disaster Management Plan (DDMP) is prepared keeping in view the past experiences for emergency management and to minimize the loss in the event of any natural / manmade disaster. DDMP includes the instructions of Special Relief Commissioner, MD OSDMA, and also valuable suggestions of Members of the District Disaster Management Authority who participated in the preparatory meeting held on 20th March 2019. This plan will play a key role to provide knowledge of available resources for use during emergency situation and a list of websites relating to meteorology, earthquake, cyclone, flood, fire, etc. Instead of a relief centric, response oriented approach; the district administration has adopted a pro-active and multi-relief and rehabilitation approach to disaster management in the district. The Plan deals with Disaster Risk Assessment and Vulnerability Analysis, Identification of Disaster Prone Areas, Response Structures, Inventory of Resources, Standard Operating Procedures, Incident Command System in respect of different line departments, field level officials etc. The Plan is prepared to help the District Administration to focus quickly on the essentials and crucial aspects of both preparedness and response. Regular feedback from various wings of the district administration and periodical updation of the DDMP will certainly help us to achieve our goal and keep ourselves vigilant and bold preparedness to lead a risk -free civic life.

I would like to thank Sri Satchidananda Sahoo, OAS (S), ADM, Jagatsinghpur, Dr Kanhu Charan Dhir, OAS(S), ADM, Paradeep, Sri Braja Gopal Acharya, OAS(SAG), PD-DRDA, Sri Mahendra Prasad Mohanty, OAS(SB), Sub-Collector, Dr Kalyan Sourav Dash, OAS, Deputy Collector, Emergency, Sri Gyanendra Kumar Sahu, District Project Officer, Head Clerk & Staff of District Emergency Section and other officers of District Administration for their untiring efforts in bringing up this document. My special thanks are also due to all the officials of line departments, Block Development Officers, Tahasildars and Executive Officers of Municipalities of the district who have cooperated with timely inputs for updating the DDMP.

We will appreciate any positive suggestions for improvement of the DDMP.


(Sri Sangram Keshari Mohapatra, OAS (SAG))
Collector & District Magistrate-cum-Chairperson, DDMA
Jagatsinghpur

ABBREVIATIONS

AAO: Assistant Agriculture Officer
ACSO: Assistance Civil Supply Officer
ADMO : Additional District Medical Officer
ADVO: Additional District Veterinary Officer
ASHA: Accredited Social Health Activist
BEO: Block Education Officer
CDMO : Chief District Medical Officer
CDVO: Chief District Veterinary Officer
CSO: Civil Supply Officer
DAO / TO: District Accounts Officer / Treasury Officer
DDA : Deputy Director of Agriculture
DAO: District Agriculture Officer
DEO: District Education Officer
DLO: District Labour Officer
DPC-SSA: District Project Coordinator, Sarva Shiksha Abhiyan
DPM: District Programme Manager
DPO-RMSA: District Programme Officer, Rashtriya Madhyamik Shiksha Abhiyan
DSSO: District Social Security Officer
DSWO: District Social Welfare Officer
LI : Livestock Inspector
LI: Labour Inspector
MI: Marketing Inspector
MO : Medical Officer
MVI: Motor Vehicle Inspector
RTO: Regional Transport Officer
SDWO: Sub-divisional Welfare Officer
SI: Supply Inspector
VAW: Village Agriculture Worker
CCI : Child Care Institution
EWDS : Early Warning Dissemination System
DMR : Digital Mobile Radio
SBMDVT : Satellite Based Mobile Data Voice Terminal
RTU : Remote Terminal Unit
CBDM : Community Based Disaster Management
IDRN : India Disaster Resource Network

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DISTRICT DISASTER MANAGEMENT PLAN, JAGATSINGHPUR : 2019

CHAPTER-I : INTRODUCTION

At the very outset, disaster refers to a serious disruption of the functioning of a society, causing widespread Human, Material or Environmental Loss, which exceeds the ability of the affected society to cope using its own resources. To put it in other words, it is the occurrence of a sudden mishap/calamity/grave occurrence that disrupts the basic fabric and normal functioning of a society (or community). Natural and human-made disasters are inevitable, but efforts can be made to mitigate their effects and to accelerate recovery. Section 31 of Disaster Management Act 2005 (DM Act), makes it mandatory to have a disaster management plan for every district. A well crafted and dynamic plan can provide the administration a framework and direction for all phases of disaster management cycle.

The importance of the plan will be - A full Proof Communication, Authentic and Accurate Database, Documented and Rehearsed to be activated in the shortest possible time with minimum simple orders and procedures ensuring active participation by the Administration, P.R.Is, Communities and Volunteers at all levels, making optimal utilization of available human and material resources with no gaps or no overlaps to prevent/minimize loss to lives and property and to ensure fastest restoration of the situation.

1.1 Aims and Objectives of the DDMP:

The aim of the DDMP is to support and extend downward the needs assessment by assessing the hazard risk context in Jagatsinghpur district, analysing the impacts of the hazards and the fundamental vulnerabilities faced within the district and by identifying key institutions at the district and local level, the critical capacity gaps and then plan a set of strategic priority activities across the district.

The specific objectives of the DDMP are as follows;

- ❖ To make all round efforts towards **ZERO CASUALITY** for any eventualities.
- ❖ To identify the areas vulnerable to major types of the hazards in the district.
- ❖ To adopt proactive measures at district level by all the govt. departments to prevent disaster and mitigate its effects.
- ❖ To help the district administration to assess its own capability in terms of available resources and get ready to mitigate any unexpected disaster effectively and minimize the losses through preparedness, prevention and mitigation.
- ❖ To define and assign the different tasks and responsibilities to stakeholders during the pre-disaster and post-disaster phases of the disaster.
- ❖ To enhance disaster resilience of the people in the district by way of capacity building.
- ❖ Reduce the loss of public and private property, especially critical facilities and infrastructure, through proper planning.
- ❖ Manage future development to mitigate the effect of natural hazards in the district.
- ❖ To develop the standardized mechanism to respond to disaster situation to manage the disaster efficiently.

- ❖ To prepare a response plan based upon the guidelines issued in the State Disaster Management Plan so as to provide prompt relief, rescue and search support in the disaster affected areas.
- ❖ To adopt disaster resilient construction mechanism in the district by way of using Information, Education and Communication for making the community aware of the need of disaster resilient future development.
- ❖ To make the use of media in disaster management.
- ❖ Rehabilitation plan of the affected people and reconstruction measures to be taken by different govt. departments at district level and local authority.
- ❖ To have response system in place to face any eventuality.

1.2 Authority for DDMP: Approval and implementation:

Under the DM Act 2005, it is mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning which are necessary and expedient for prevention as well as mitigation of disasters. Hence the District Disaster Management Authority (DDMA), Jagatsinghpur is the final authority for approval of the District Disaster Management Plan (DDMP). It is also the same District Disaster Management Authority (DDMA) for implementation of the District Disaster Management Plan (DDMP), but in active coordination and assistance of the District Administration, Block Administration, Civil Societies and industrial set-ups.

1.3 Evolution of DDMP in brief:

Evolution of the District Disaster Management Plan (DDMP)-2019 was purely a collaborative effort, which was initiated with the sensitization of all stakeholders on 20th March 2019 in the DDMA meeting. Information was collected from all line departments, which were later compiled, analyzed and put up in a systematic structure. District Emergency Operation Centre functioned as the Nodal Centre for all the above activities.

1.4 Stakeholders and their Responsibilities in Making DDMP:

i. District Emergency Operation Centre (DEOC)

- Organization of sensitization for all stakeholders
- Providing template to th stakeholders
- Collection of information from line departments
- Consolidation and compilation of the data
- Preparation of DDMP
- Approval of DDMP by DDMA

ii. Police Department

- Providing all database, information, etc for compilation of DDMP
- Mapping of skilled manpower
- Delineating the system of maintenance of law and order during disasters
- Information about arrangements of equipments and other materials
- Enshrining the functioning of the warning system.

iii. Health Department

- Information about arrangements for mobile health units
- Giving information about Stock position of the sub-centers and PHCs/ CHCs
- Providing information about deployment of paramedical staff/ ANMs / male health workers / volunteers/task forces/ Anganwadi workers for use and providing minimum health services to the community.
- Information about arrangements of DDC at village level
- Information on Health awareness campaign

iv. RWSS Department

- Giving information of tube-wells and other safe drinking water facilities
- Information on awareness generation for use of bleaching powder, halogen, etc
- Preparation of route chart and mechanism for supply of drinking water during emergency
- Database of site selection and water test
- Procedure and status of collection and storing of K-018H2s test stripe, bottle, bleaching, halogen tablets, tube well accessories

v. Agriculture Department

- Information about vulnerable lands, cyclone prone and flood prone lands
- Giving information about production and cultivation areas
- Extending processes of information/ warning dissemination
- Mapping of cold storages
- Procedure of safe custody of produces/ seeds/ fertilizers/ etc

vi. Irrigation Department

- Information about coordination mechanism with other departments and district administration.
- Describing about awareness generation/ warning dissemination.
- Enumerating provisions/ arrangements of sand bags in risk prone areas.
- Describing about operation of flood monitoring centres.

vii. Animal Husbandry Department

- Giving information about processes of vaccination of cattle population
- Provision of supply of medicines/ vaccines/ etc
- Information on arrangement of mobile health units.
- Information on Animal Health awareness campaign
- Arrangement of vehicle for uninterrupted mobility personnel as well as animals.
- Giving details of LI centers and other necessary equipments

viii. Electrical Department

- Assessment of transformers/ capacities/ etc
- Delineating the procedure of emergency services/ repair maintenance/ etc
- Mechanisms for checking and repair of weak points/Transformers
- Stockpiling of equipments/accessories
- Precautions/protections near high voltage electric equipments installed

1.5 Plan for Review and Updating:

As per Sub Section (4) of Section 31 of the Disaster Management Act, 2005, the plan would be reviewed and updated annually and the year in which the plan has been reviewed would be clearly mentioned in the plan.

CHAPTER-II : DISTRICT PROFILE

2.1 History & Location:

For many decades history of Jagatsinghpur has been gorgeously rejuvenated by the cultural heritage, political humility, literary acclamation and proficient, proliferation in the realm of Art, Architecture, culture, sculpture Yatra , Pala and by the glorious achievements of brightest luminaries that present and was prevalent in Jagatsinghpur.

Jagatsinghpur was a medieval terminology figured in the history of Odisha, remarkably known as Hariharpur during the advent of the East India Company. The places is predominately recognized due to its existence situating to the close proximity of River Mahanadi and Bay of Bengal heralded many eventual episodes and memorable heritage on the anneals of mankind.

History of Jagatsinghpur comprises the conglomeration of Hindu, Muslim, Maratha and British realms. The East India Company established their trading arsenals at Hariharpur in 1600 and Capt. Bruton administered the place till 1633. The Maratha administration kept the place under their jurisdiction and appointed Jagat Singh in 1748 to collect revenue. He collected the peshkush and Nazrana and remained an unchallenged and uninterrupted administrator for a pretty long period. The place was converted from Hariharpur to Jagatsinghpur after the name of Jagat Singh since 1786. Enriched with glorious cultural heritage, Jagatsinghpur district was created on 01.04.1993 vide Government Notification No.14218/R dated 27.03.1993 and EOG No.459 dated 01.04.1993 carving out from the erstwhile Cuttack district.

Jagatsinghpur district is situated on an elevation of 15 metres (49 feet) altitude. It is the smallest district in the state and covers a landmass of 1759 km². The place lies between 86°03' and 86°45' East Longitude and between 19°58' and 20°23' North latitude. It is bounded by Kendrapara district in North, Puri district in the South, Bay of Bengal in the East and Cuttack district in the West. It enjoys a temperate climate. Winter is cold, while summer is hot and humid. Four major rivers of Odisha irrigate the mainland of Jagatsinghpur. These are the Mahanadi, Kathajodi, Devi and Biluakhai.

The district is highly prone to tropical cyclonic rainfalls during the monsoons. The Super Cyclone of 1999 caused widespread havoc in this district. Both the Human and Animal casualties in this Super Cycone were remarkably high. However learning from the experiences of Super Cyclone, the district has made itself disaster resilient in great extent. Strong Early Warning System coupled with proper and effective planning, mitigation measures and awareness has vividly reflected in the cyclone "PHILIN" in 2014 and recently Extremely Severe Cyronic Storm "FANI" in both of which the Human casualties were Zero. The district has made itself an example in management of disasters.

Fig. 1 : Geographical Map of Jagatsinghpur District



2.2 Administrative Setup :

Sl. No.	Name of the Sub-Division	Name of the Block/ ULB	No. of Gram Panchayats	No. of Villages / Wards	Name of the Tehsils	No. of RI Circles
1	Jagatsinghpur	Balikuda	30	230	Balikuda	13
2		Biridi	21	351	Biridi	07
3		Erasama	25	156	Erasama	13
4		Jagatsinghpur	29	172	Jagatsinghpur	09
5		Kujang	27	234	Kujang	10
6		Naugaon	16	251	Naugaon	05
7		Raghunathpur	19	289	Raghunathpur	06
8		Tirtol	26	246	Tirtol	13
9		Paradeep	05	18	Erasama	13

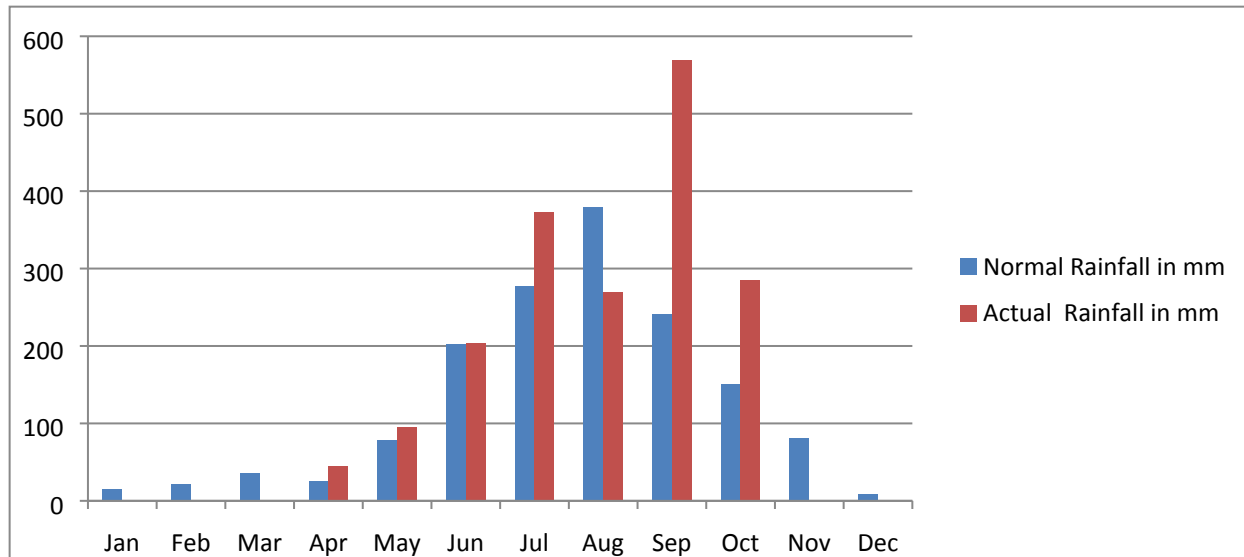
2.3 Climate & Rainfall :

The district is having warm and humid climate with average 1500 MM rainfall per year. Generally the district receives rainfall from June to October every year. The actual rainfall of the district for the 2017 is given below.

Table 01 : Rainfall Data for the Year 2018

Month	Normal Rainfall in mm	Actual Rainfall in mm	Deviation
Jan	14.50	0.00	-14.50
Feb	21.70	0.00	-21.70
Mar	35.50	0.00	-35.50
Apr	25.40	44.50	19.10
May	78.00	95.13	17.13
Jun	202.30	203.13	0.83
Jul	277.30	372.75	95.45
Aug	379.10	268.88	-110.22
Sep	241.40	568.38	326.98
Oct	151.10	285.13	134.03
Nov	80.40	0.00	-80.4
Dec	7.90	0.88	-7.02
Total	1514.60	1838.78	324.18

Fig-02 : Rainfall in Jagatsinghpur District-2018



2.4 Geography:

Jagatsinghpur district is one of the coastal districts of Odisha and lies between 19°58' and 20°23' N. latitude and between 86°30' and 86°45' E. longitudes. The district is surrounded by the Bay of Bengal in the east, Kendrapara district in the north, Cuttack district in the west and Puri district in the south. The area of the district is 1,668 sq. Kilometres.

2.5 Topography:

Jagatsinghpur is situated on an elevation of 15 metres (49 feet) altitude. It is the smallest district in the state and covers a landmass of 1759 km². The district comprises two distinct tracts, the first being marshy and swampy strips along with the coast covered with wild growth of reeds and tropical jungle. The second tract covers fertile plain land. The soil is of alluvial type. Mahanadi, Kathajodi, Devi, Biluakhai are the main rivers of the district. These rivers and two main canals Taladanda and Machhagaon are irrigating the district. The huge deposit of silt by rivers has built up the present alluvium tracts at their meeting places with the sea. Due to creation of swamp at the meeting places with the sea, dense jungles have grown up. The district is situated in coastal plain zone as per agro-climatic classification and in deltaic alluvial plains of the river system with numbers of estuaries, creek on the coastal belt.

2.6 River System :

The district is webbed by a network of rivers. The plains of the entire district lie in between River Mahanadi in the north and Devi-Biluakhai in the south. During rains the rivers and its branches carry huge volume of water in them and at the time of high floods they try to overflow their banks.

Table 02 : Rivers of Jagatsinghpur District

SI No	Name of the River	Name of the Block likely to be affected
1	Mahanadi	Raghunathpur, Tirtol, Kujanga
2	Devi	Naugoan, Balikuda, Jagatsinghpur
3	Paika	Tirtol
4	Biluakhai	Biridi, Naugoan, Balikuda, Jagatsinghpur
5	Hanshua	Erasama, Kujanga, Raghunathpur & Biridi part

Fig- 03 : River Basins of Jagatsinghpur District



There are **Ten River Gauge Stations** in Jagatsinghpur district. Out of these six numbers are located in Mahanadi River System and the rest four located in Devi River System. Details of the River Gauge Stations are as follows;

Table 03 : River Gauge Stations in Jagatsinghpur

SI No.	Name of the Gauge Station	River	Zero Value of Gauge	Danger Level
1	Tarpur	Mahanadi	-1.370 Ft -0.417 M	87.00 Ft 26.517 M
2	Tartol	Mahanadi	8.692 Ft 2.649 M	16.186 Ft 4.935 M
3	Taladanda	Mahanadi	7.320 Ft 2.230 M	15.000 Ft 4.572 M
4	Chaumuhani	Mahanadi	-2.950 Ft -0.900 M	10.000 Ft 3.048 M
5	Sankheswar	Paika	1.250 Ft 0.381 M	22.750 Ft 6.934 M
6	Salamanga (Rankei)	Hansua	2.12 M	1.88 M
7	Daleighai	Kathajodi	46.00 Ft 14.021 M	57.00 Ft 17.378 M
8	Birabarpatna	Biluakhai	32.14 Ft 9.80 M	51.824 Ft 15.80 M
9	Alipingal	Devi	- 0.00 M	38.47 Ft 11.73 M
10	Machhagaon	Devi	0.15 Ft 0.05 M	13.00 Ft 3.96 M

2.7 Demography:

According to the 2011 census Jagatsinghpur district has a population of 1,136,971, roughly equal to the natio of Cyprus or the US state of Rhode Island. This gives it a ranking of 410th in India (out of a total of 640). The district has a population density of 682 inhabitants per square kilometre (1,770/sq mi). Its population growth rate over the decade 2001-2011 was only 7.5%. Jagatsinghapur has a sex ratio of 968 females for every 1000 males, and a average literacy of 86.59%

Table- 04 :Demographic Structure (Household)

Sl No	Name of the Block/ULB	Total Number of HH	Category		Category				Category	
			Rural	Urban	SC	ST	O B C	GEN	BPL	APL
1	Balikuda	37,856	37,856	-	7,408	56	-	30,392	11,782	26074
2	Biridi	19,553	19,553	-	6,314	121	-	13118	7,033	12520
3	Erasama	33,703	33,703	-	6,646	189	-	26868	7,848	25855
4	Jagatsinghpur	41,366	32,176	9,190	8,036	87	-	33243	11,496	29870
5	Kujang	38,443	38,443	-	9,126	106	-	29211	8,666	29777
6	Naugaon	18,878	18,878	-	3,419	64	-	15395	5,348	13530
7	Raghunathpur	19,918	19,918	-	4,914	305	-	14699	6,549	13369
8	Tirtol	36,285	36,285	-	7,366	69	-	28850	11,167	25118
9	Paradeep	18,491	-	18,491	2,140	721	-	15630	3,902	14589

Table- 05 :Demographic Structure (Population)

Sl. No	Name of the Block/ ULB	Total			SC		ST		OBC	
		M	F	T	M	F	M	F	M	F
1	Balikuda	83801	81474	165275	16621	16457	127	133	-	-
2	Biridi	42227	40568	82795	13693	13189	177	245	-	-
3	Erasama	73593	72680	146273	14771	14743	359	270	-	-
4	Jagatsinghpur	71829	70138	141967	17633	17560	414	214	-	-
5	Kujang	90027	86038	176065	20992	20195	245	217	-	-
6	Naugaon	38943	38691	77634	7212	7225	120	143	-	-
7	Raghunathpur	42463	41138	83646	10388	10276	734	687	-	-
8	Tirtol	80443	80657	161100	16570	16677	198	189	-	-
9	Paradeep	39725	33650	73375	4797	4177	1578	1394	-	-

2.8 Socio-Economic profile :

The district of Jagatsinghpur is one of the new created districts carved out of the old Cuttack district. It has a population of 10 lakh of which 50.95 percent are males and 49.05 percent females. The area of the district is 1668 sq. Km and thus density is 634 per sq.km. The population growth is 1.31 annually averaged over the decade of 1991-2001. Urban population of the district constitute 9.88 percent of total population. The Scheduled Caste

population is 21.05 percent of total population and major caste group are Bauri (32.89), Kandra etc. (20.73) and Dewar (18.06 percent) among the Scheduled Castes. Similarly the Scheduled Tribe population is 0.82 percent of total and major Tribes groups are Santal (29.63 percent), Munda etc (22.07 percent) and Kolha(13.25 percent) of the total tribal population. Hindu population constitute 95.96 percent of total, Muslims (3.84 percent) but Christians (0.11 percent) are a very insignificant group.

The economy of the Jagatsinghpur district is dependent on agriculture. Agriculture is the main occupation of bulk of the population. The key crops of the district are paddy, sugarcane, turmeric, cotton and jute. Processing, manufacturing, repairing and fisheries industries also contribute towards the economic development. Jagatsinghpur is a leading district of the state in terms of industrialization. Paradip, a modern deep water port, was built here in the 1960s and has now become a hot business destination due to the large foreign direct investment. The port town of the district has already emerged as the one of the country's major investment hot spot by attracting investment in excess of the tune of 3.5 lakh crores (US \$68.84 billion) including the Rs 2, 74,134 crore Petroleum Chemicals and Petrochemical Investment Region (PCPIR) which has spread over 284 square kilometres (110 sq mi) in the area. IOC has already installed a 15 MMTPA refinery cum petrochemical complex at Paradip. Indian Railways has also taken up the Paradeep-Haridaspur 82 km broad gauge line to boost the infrastructure in the region. Up-gradation of NH-5(A) is also going on in a very fast rate. A new all green field road will also be built from Bhubaneswar to Paradip.

The sex ratio for the population as a whole is **963** females per **1000** males and **0-6** years **925** females per **1000** males. The age distribution reflects 0-4 years' age group constitute **7.82** percent and the old age group (60+) is **10.89** percent. The working age population (**15-59** years) are **60.07** percent of total population. Total workers constitute 31.20 percent of the total population. Of the workers **75.07** percent are main workers and **24.93** percent marginal workers. The total literacy rate is **79.08** percent of that male is **88.55** percent and female literacy rate is **69.28**. Looking at education levels attained, of the literates **1.16** percent are without any level. Below primary levels constitute **23.82**, Primary **28.49** percent and Middle group **14.53** percent. Those having Matric/Higher Secondary/Diploma are **26.22** percent and Graduate and above group **5.78** percent.

2.9 Critical infrastructures :

The critical infrastructures play very pivotal roles in management of any disasters. Schools and Anganwadi Centres functions as shelters for housing vulnerable people, hospitals tries to extend treatments to the affected people with earliest means. Similarly Police, Fire Stations, Veterinary Dispensaries, Banks, etc comes away to extend their services dedicatedly to lessen the trauma of affected people in any disaster. The critical infrastructures and the resources necessary for disaster preparedness and during and after disasters with their positions in the district are listed below:

Table-06 : Critical Infrastructures of Jagatsinghpur District

Infrastructure/ Block	Balikuda	Biridi	Erasama	Jagatsin ghpur	Kujanga	Naugaon	Raghuna thpur	Tirtol
No. of AWCs	252	170	239	286	335	119	145	294
No. of Schools	222	168	196	216	102	187	182	224
No. of Hospitals	07	03	06	05	08	03	05	09
No. of Veterinary Hospitals	02	01	01	03	02	01	01	02
Police Stations	01	01	01	02	04	01	01	02
Fire Stations	01	01	01	01	01	01	01	01
Cooperative Societies	21	09	16	16	18	06	12	15
Banks	10	06	10	29	51	03	04	07
Post Offices	32	21	24	43	33	20	12	26
Railway in km	-	10	-	-	22	-	12	08
Flood Shelters	03	03	03	-	05	01	-	06
Cyclone Shelters	06	-	06	-	09	-	-	-
Rain Gauge	01	01	01	01	01	01	01	01
Automatic Weather Station	-	-	-	-	01	-	-	-

2.9.1 Storage Facility with Capacity

The following places are identified to store the food stuff before the onset of monsoon:

Table -07 : Storage Facilities

Sl No.	Balikuda		Biridi		Ersama		Jagatsinghpur		Kujanga		Naugaon		Raghunathpur		Tirtol	
	Name of G.P	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.	Name of G.P.	Qty.
1	Adhanga	97	Ukundra	100	Ambiki	265	Jahanpur	120	Zillanasi	140.5	Dabar	95	R.N.pur	120	Amberi	70
2	Anantpur	100	Basandara	100	Pokharia pada	83.5	Kantilo	120	Kathakote	69	Gajaraj pur	221.5	Baragol	120	Dainlao	60
3	Baharana	81	Baredia	1000	Gada harishpur	248	Patenigaon	120	Bada balikani	67.5	Rohia	205.5	Dharadhar pur	100	Kanimula	130
4	Bara mundali	181	Manguli	100	Padmapur	197.5	Mandasahi	120	Hansura	80.5	Korua	122.5	Gualipur	180	Kolar	120
5	Kalio	120	Purana	120	Gada kujanga	82.5	Rambadei Pur	80	Kujang	12.5	Deriki	131.5	Purana Odapada	100	Porgadei	70
6	Kusupur	143	Bagalpur	80	Kunjakothi	200.5	Patasara	80	Bhut munde	25	Bachhal	157.5	Sadeipur	100	Samanta rapur	100
7	Machha gaon	100	Uttarsasan	100	Jirailo	109.5	Savamula	80	Nuagarh	10	Osakana	162	Chhapada	180	Bisanpur	120
8	Marichipur	202	Sankhapur	79	Dhinkia	261.5	Alipingal	100	Malasahi	6	Sikhar	142.5	Chikinia	160	Krishandpur	150
9	Naharana	100	Hajipur	80	-		Khairanga	80	-	-	Galadari	91	Tarapur	120	Gopalpur (S)	100
10	Rahan	123	RRC, Basantapur	400	-		T.Andeisahi	100	-	-	-	-	Adheikula	120	Tirtol	40
	Total	1740	10 G.P.s	1259	8 G.P.s	1448	10G.P.s	1000	8 GP	411	09 G.P.s	1329	10 G.P.s	1300	12 G.P.s	1040

2.9.2 Block wise Store Capacity of BPL Rice :

Sl.No.	Name of the Block	Quantity
1	Balikuda	300
2	Biridi	200
3	Ersama	300
4	Kujanga	500
5	Jagatsinghpur	200
6	Raghunathpur	200
7	Naugaon	200
8	Tirtol	500
Total		2400

2.9.3 Cyclone / Flood Shelters

The following nos of School-cum cyclone shelters, multi-purpose cyclone shelters are available in the District:

Table 08 : Cyclone / Flood Shelters of Jagatsinghpur District

Sl. No.	Type	Total shelters
01.	Primary School	418
02.	High Schools	153
03.	Multi-Purpose Cyclone shelters constructed by OSDMA	21
04.	Multi-Purpose Flood Shelters constructed by OSDMA	21
05	Indian Red Cross Society (IRCS)	03
06	Other agencies	13
	Total	626

2.9.4 Non-Govern Organizations (N.G.O.s):

There are 19 numbers of NGO in the district which are dedicatedly working for disaster management, mitigation and prevention activities. They are also involved in IEC activities throughout the year for the vulnerable sections of the society. All the villages and GPs are specifically earmarked for particular NGO, which is entrusted with overall responsibilities of disaster management.

List and other details of all NGOs is annexed at Annexure-I.

2.9.5 Position of Power Boats in Jagatsinghpur District :

Table 09 : Details of Power Boats

Sl. No.	Name of the Boat	Location	Controlling authority	Present status	Capacity
1	AL-8	Balikuda	BDO, Balikuda	Running	12 person
2	FRP-6	Machhagaon	BDO, Balikuda	Running	12 person
3	FRP-51	Balikuda	BDO, Balikuda	Running	12 person
4	FRP-121	Balikuda	BDO, Balikuda	Running	12 person
5	SB-4	Machhagaon	BDO, Balikuda	Running	20 person
6	FRP- 126	Erasama	BDO, Erasama	Running	35 person
7	FRP-127	Erasama	BDO, Erasama	Running	35 person
8	FRP-36	Kujanga	BDO, Kujanga	Running	35 person
9	FRP-124	Kujanga	BDO, Kujanga	Running	35 person
10	AL-56	Kujanga	BDO, Kujanga	Running	12 person
11	AL-27	Jagatsinghpur	BDO, Jagatsinghpur	Running	12 person
12	SOB-12	Alipingal	BDO, Jagatsinghpur	Running	20 person
13	FRP-55	Alipingal	BDO, Jagatsinghpur	Running	12 person
14	FRP-56	Alipingal	BDO, Jagatsinghpur	Running	12 person
15	AL-7	Biridi	BDO, Biridi	Running	12 person
16	FRP-18	Biridi	BDO, Biridi	Running	12 person
17	FRP-57	Biridi	BDO, Biridi	Running	12 person
18	FRP-58	Biridi	BDO, Biridi	Running	12 person
19	FRP-68	Biridi	BDO, Biridi	Running	12 person
20	FRP-27	Naugaon	BDO, Naugaon	Running	12 person
21	FRP-122	Naugaon	BDO, Naugaon	Running	12 person
22	FRP-123	Naugaon	BDO, Naugaon	Running	12 person
23	FRP-125	Tirtol	BDO, Tirtol	Running	12 person
24	FRP-67	Tirtol	BDO, Tirtol	Running	12 person
25	FRP-69	Tirtol	BDO, Tirtol	Running	12 person
26	AL-57	Tirtol	BDO, Tirtol	Running	13 person

As per the information received from the District Fisheries Officer, 40 nos of private power boats are available in the District. The details of list of such boats submitted by District Fisheries Officer is at Annexure-II.

2.9.7 Satellite Phone:

Table 10 : List of Satellite Phones in Odisha

Sl . No	Allocation of Satellite Phones	Satellite Phone Numbers
1.	Collector Angul	8991118454
2.	Collector Balasore	8991118455
3.	Collector Bargarh	8991118456
4.	Collector Bhadrak	8991118457
5.	Collector Bolangir	8991118458
6.	Collector Boudh	8991118459
7.	Collector Cuttack	8991118460
8.	Collector Deogarh	8991118461
9.	Collector Dhenkanal	8991118462
10.	Collector Gajapati	8991118463
11.	Collector Ganjam	8991118464
12.	Collector Jagatsinghpur	8991118465
13.	Collector Jajpur	8991118466
14.	Collector Jharsuguda	8991118467
15.	Collector Kalahandi	8991118468
16.	Collector Kandhamal	8991118469
17.	Collector Kendrapada	8991118470
18.	Collector Keonjhar	8991118471
19.	Collector Khorda	8991118472
20.	Collector Koraput	8991118473
21.	Collector Malkangiri	8991118474
22.	Collector Mayurbhanj	8991118475
23.	Collector Nabarangpur	8991118476
24.	Collector Nayagarh	8991118477
25.	Collector Nuapada	8991118478
26.	Collector Puri	8991118479
27.	Collector Rayagada	8991118480
28.	Collector Sambalpur	8991118481
29.	Collector Subarnapur	8991118482
30.	State Fire Office	8991118504
31.	Commissioner of Police	8991118505
32.	Revenue & DM Department	8991118506
33.	Managing Director, OSDMA	8991118507 / 8991118511
34.	Office of Chief Secretary	8991118508
35.	Office of Chief Minister	8991118509
36.	Special Relief Commissioner (SEOC)	8991118510

2.9.8 HAM Clubs:

One HAM clubs formed and the instrument placed at Dist. Emergency Section, Collectorate, Jagatsinghpur.

2.10 Vulnerable Points of the District :

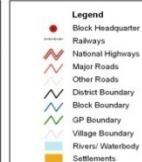
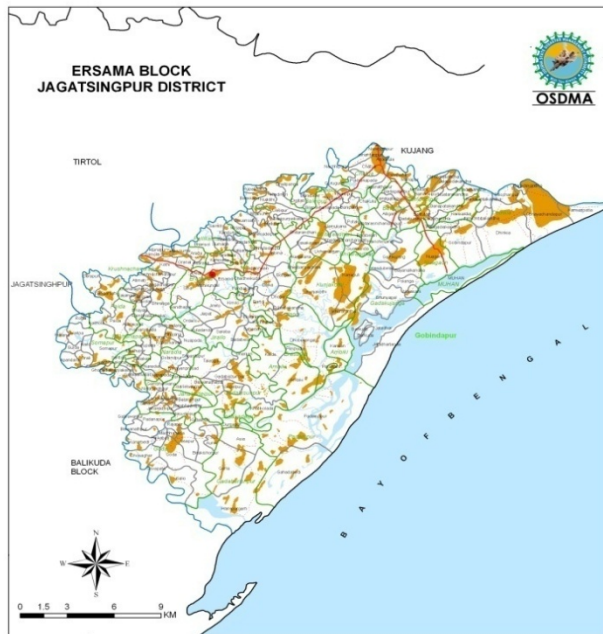
Fig. 4 : Disaster Vulnerable Points



2.11 : Profiles of the Blocks

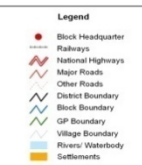
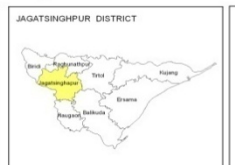
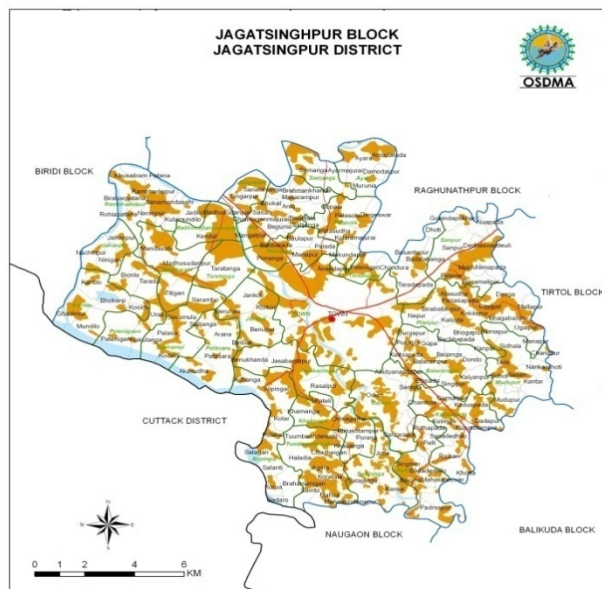
NAME OF THE BLOCK : BALIKUDA		
	Area (in Ha)	28,520 Ha
	Distance from District Hq	16 km
	Population	1,65,275
	Children (0-6 years)	16,406
	Differently Abled persons	985
	Literacy	76.62 %
	Coastal Length	22 km
	Rivers	Biluakhai
	Industries	-
	Boat Operation Points	Biluakhai Ghat
	No. of Shelters	07
	Net Sown Area (Agril.)	16,103 Ha
	Milch & Draught Animals	91,753
	Annual Rainfall	1514.6 mm
	Number of Schools	222
	No. of AWCs	251
	Name of the BDO	Ms K. Patnaik
	Contact No. of BDO	9438148480
	Name of the Tahasildar	Ms D. R. Patra
	Contact No. of Tahasildar	8917674234
	Name of the IIC	Sri S. Behera
	Contact no. of the IIC	9438916223
NAME OF THE BLOCK : BIRIDI		
	Area (in Ha)	10,642 Ha
	Distance from Dist. Hq	20 km
	Population	82,795
	Children (0-6 years)	7,967
	Differently Abled	790
	Literacy	79.18
	Rivers	Biluakhai & Hansua
	Boat Operation Points	Hansua Ghat
	No. of Shelters	03
	Net Sown Area (Agril.)	8,203 Ha
	Milch & Draught Animals	106017
	Annual Rainfall	1514.6 mm
	Number of Schools	168
	No. of AWCs	170
	Name of the BDO	Sri Girija Barik
	Contact No. of BDO	8895736341
	Name of the Tahasildar	Ms S. Priyadarshini
	Contact no. of Tahasildar	7381737129
	Name of the IIC	Sri Parao Tudu
	Contact no. of the IIC	9438916224

NAME OF THE BLOCK : ERASAMA



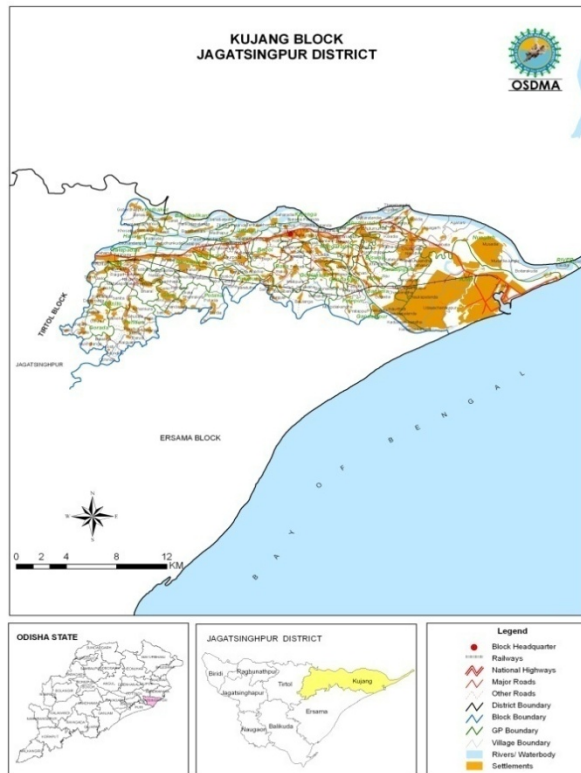
Area (in Ha)	37,111 Ha
Distance from Dist. Hq	53 km
Population	1,46,273
Children (0-6 years)	15,316
Differently Abled	1,212
Literacy	75.78
Coastal Length	40 km
Rivers	Hansua
Industries	-
Boat Operation Points	Hansua Ghat
No. of Shelters	06
Net Sown Area (Agrl.)	17,806
Milch & Draught Animals	76678
Annual Rainfall	1514.6 mm
Number of Schools	196
No. of AWCs	239
Name of the BDO	Sri K.C.Behera
Contact No. of BDO	9438035919
Name of the Tahasildar	Ms A. Tarai
Contact No. of Tahasildar	9937146232
Name of the IIC	Sri P. K. Majhi
Contact no. of the IIC	9438916225

NAME OF THE BLOCK : JAGATSINGHPUR



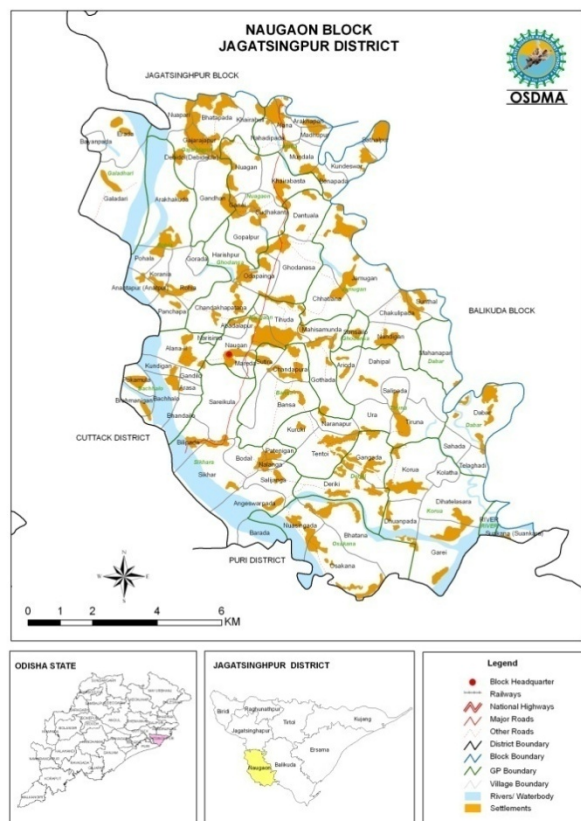
Area (in Ha)	18388 Ha
Distance from District Hq	-
Population	1,41,967
Children (0-6 years)	13,265
Differently Abled persons	1,255
Literacy	78.50
Rivers	Devi, Biluakhai
Boat Operation Points	Devi Ghat
No. of Shelters	-
Net Sown Area (Agril.)	14,411 Ha
Milch & Draught Animals	2,05,642
Annual Rainfall	1514.6 mm
Number of Schools	216
No. of AWCs	286
Name of the BDO	Sri L. Rout
Contact No. of BDO	9437107397
Name of the Tahasildar	Sri M. K. Bhoi
Contact No. of Tahasildar	8280073106
Name of the IIC	Sri R.K. Mishra
Contact no. of the IIC	9438916220

NAME OF THE BLOCK : KUJANGA



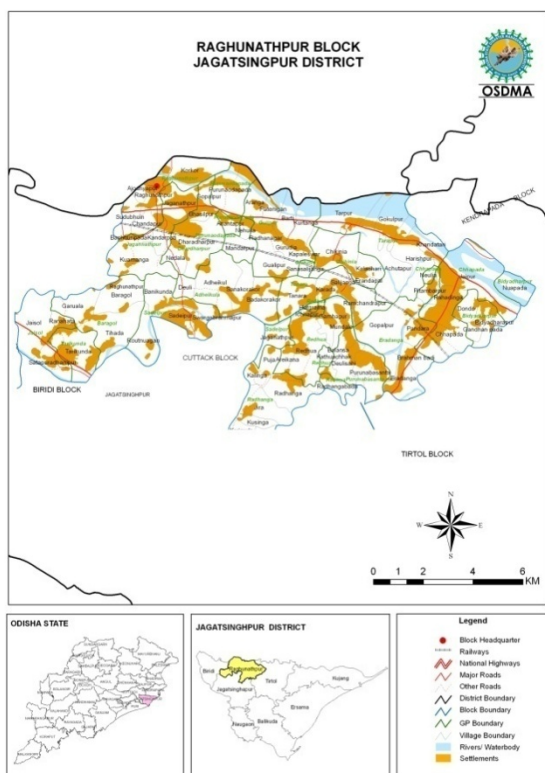
Area (in sq km)	27,421 Ha
Distance from Dist. Hq	55 km
Population	1,76,065
Children (0-6 years)	17,500
Differently Abled	1,113
Literacy	79.55
Coastal Length	20 km
Rivers	Mahanadi, Hansua
Industries	PPL, OICL, IFFCO
Boat Operation Points	Mahanadi Ghat
No. of Shelters	11
Net Sown Area (Agril.)	15564 Ha
Milch & Draught Animals	1,45,778
Annual Rainfall	1514.6 mm
Number of Schools	102
No. of AWCs	335
Name of the BDO	Sri K. Ch. Swain
Contact No. of BDO	9438491952
Name of Tahasildar	Mr R. Ch. Panda
Contact no. of TDR.	9437156157
Name of the IIC	Sri D.K.Sahoo
Contact no. of the IIC	9438916667

NAME OF THE BLOCK : NAUGAON



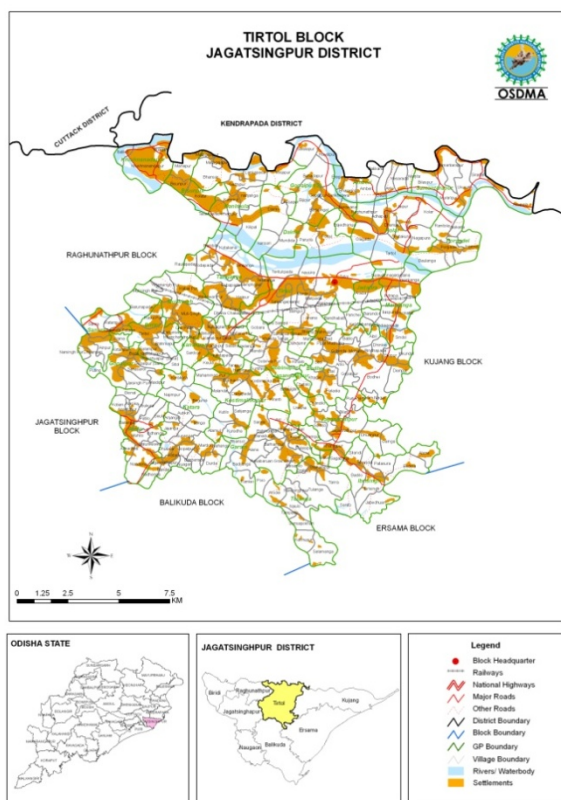
Area (in sq km)	11,576 Ha
Distance from District Hq	18
Population	77,634
Children (0-6 years)	7296
Differently Abled	444
Literacy	76.82
Rivers	Devi, Biluakhai
Industries	-
Boat Operation Points	Devi Ghat
No. of Shelters	01
Net Sown Area (Agril.)	9075
Milch & Draught Animals	31462
Annual Rainfall	1514.6 mm
Number of Schools	187
No. of AWCs	119
Name of the BDO	Ms R. Mallick
Contact No. of BDO	9853141947
Name of the Tahasildar	Ms J. Kalyani
Contact No. of Tahasildar	8895657370
Name of the IIC	Mr P. Kar
Contact no. of the IIC	9438916669

NAME OF THE BLOCK : RAGHUNATHPUR



Area (in Ha)	9769 Ha
Distance from Dist. Hq	15 km
Population	83646
Children (0-6 years)	7978
Differently Abled	440
Literacy	81.35
Rivers	Hansua, Mahanadi
Industries	-
Boat Operation Points	Hansua Ghat
No. of Shelters	-
Net Sown Area (Agril.)	7942 Ha
Milch & Draught Animals	129265
Annual Rainfall	1514.6 mm
Number of Schools	182
No. of AWCs	145
Name of the BDO	Mr P. Pattayat
Contact No. of BDO	9437205535
Name of Tahasildar	Sri Debasish Patra
Contact no. of Tahasildar	7008538178
Name of the IIC	Sri R.K.Mallick
Contact no. of the IIC	9853213601

NAME OF THE BLOCK : TIRTOL



Area (in Ha)	22543 Ha
Distance from Dist. Hq	19 km
Population	161100
Children (0-6 years)	15259
Differently Abled	746
Literacy	82.18
Coastal Length	-
Rivers	Mahanadi, Paika
Industries	-
Boat Operation Points	Paika Ghat
No. of Shelters	05
Net Sown Area (Agril.)	15,226 Ha
Milch & Draught Animals	145778
Annual Rainfall	1514.6 mm
Number of Schools	224
No. of AWCs	294
Name of the BDO	Mr R. K. Parida
Contact No. of BDO	9437675433
Name of the Tahasildar	Ms Sujata Patra
Contact no. of Tahasildar	9439347237
Name of the IIC	Sri B. Nayak
Contact no. of the IIC	9438338528

CHAPTER- III : HAZARD, VULNERABILITY AND RISK ASSESSMENT

Jagatsinghpur district is highly vulnerable to multiple disasters. Due to its sub-tropical littoral location, the district is prone to tropical cyclones, storm surges and tsunamis. Its densely populated coastal plains are the alluvial deposits of its river systems. The rivers in these areas with heavy load of silt have very little carrying capacity, resulting in frequent floods, only to be compounded by breached embankments. Though a large part of the district comes under Earthquake Risk Zone -II (Low Damage Risk Zone), the Brahmani Mahanadi graben and their deltaic areas come under Earthquake Risk Zone -III (Moderate Damage Risk Zone) covering almost the entire district. Besides these natural hazards, human - induced disasters such as accidents, lightening, fire, etc, vector borne disasters such as epidemics, animal diseases and pest attacks and industrial / chemical disasters add to human suffering.

The District Jagatsinghpur has a history of recurring natural disasters. While the coastal part of Jagatsinghpur are exposed to floods and cyclones, western Jagatsinghpur is somewhat prone to droughts; a large section of the District is also prone to earthquakes. In addition, the District is also affected by disasters like heat waves, epidemics, lightening,, road accidents etc. The history of disasters substantiates the fact that about 80% of the District is prone to one or more forms of natural disasters. Jagatsinghpur has a history of recurring natural disasters.

The two successive cyclones in October 1999, the severe cyclone which hit Jagatsinghpur coast and the Super Cyclone damaged the infrastructure of the District and disrupted public life. With millions of trees uprooted during the super cyclone, the District, especially the coastal belt has become extremely vulnerable. With 80% of annual rainfall concentrated over 3 months, the District is highly vulnerable to floods. High population density, encroachment on the flood plains, poor socio - economic condition, weak infrastructure and mud and thatched houses increase the vulnerability. Jagatsinghpur is always vulnerable to cyclones in April - May and September - November. Once every few decades a super cyclone strikes Jagatsinghpur. Recent Super Cyclone that hit Jagatsinghpur in the last Century were in 1942, 1971 and 1999. The Super Cyclone of 1999 killed about 10,000 and traumatized millions who survived its wrath.

3.1 Major Disasters/ Incidents during 2006-2018

A brief profile of major disasters/ incidents occurred in the district during last 10 years (2006 to 2017):

Table No. : 11 : Major Disasters during 2006-18

Sl · N o.	Disaster/ Incident	No. of inciden ts during (2006- 2018)	No. of Dea ths	Affec ted Popu lation	Live stoc k Los s	House s Dama ged	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildings	Hospitals	Road in Km.	Other Critical Infrastr ucture	
Disasters as approved under SDRF/ NDRF Guidelines.											
1	Flood	05	28	1.9 lakh	271	480	-	-	-	-	-
2	Drought	-	-	-	-	-	-	-	-	-	-
3	Fire	91	-	-	-	104	-	-	-	-	-

Sl. No.	Disaster/ Incident	No. of incidents during (2006 - 2018)	No. of Deaths	Affected Population	Livestock Loss	Houses Damaged	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	
4	Hail Storm	-	-	-	-	-	-	-	-	-	-
5	Cyclone	07	-	-	-	-	-	-	-	-	-
6	Earthquake	-	-	-	-	-	-	-	-	-	-
7	Tsunami	-	-	-	-	-	-	-	-	-	-
8	Landslide	-	-	-	-	-	-	-	-	-	-
9	Avalanche	-	-	-	-	-	-	-	-	-	-
10	Cloud Burst	-	-	-	-	-	-	-	-	-	-
11	Pest Attack	-	-	-	-	-	-	-	-	-	-
12	Cold Wave/	-	-	-	-	-	-	-	-	-	-
State Specific Disasters as per Notification No.1936 Dt. 01.06.2015											
13	Lightning	17	17	17	-	-	-	-	-	-	-
14	Heat wave	09	23	23	-	-	-	-	-	-	-
15	Whirlwind	01	01	01	-	-	-	-	-	-	-
16	Tornado	-	-	-	-	-	-	-	-	-	-
17	Heavy Rain	-	-	-	-	-	-	-	-	-	-
18	Boat Accidents (Other than during Flood)	01	01	01	-	-	-	-	-	-	-
19	Drowning (Other than during Flood)	46	46	46	-	-	-	-	-	-	-
20	Snake Bite (Other than Flood)	37	37	37	-	-	-	-	-	-	-
Other Disasters											
21	Animal Menace	-	-	-	-	-	-	-	-	-	-
22	Building Collapse	-	-	-	-	-	-	-	-	-	-
23	Stampede	-	-	-	-	-	-	-	-	-	-
24	Epidemics	-	-	-	-	-	-	-	-	-	-
25	Industrial/ Chemical Accidents	-	-	-	-	-	-	-	-	-	-
26	Road Accidents	91	104	104	-	-	-	-	-	-	-
27	Railway Accidents	-	-	-	-	-	-	-	-	-	-
28	Hooch Incidents	-	-	-	-	-	-	-	-	-	-
29	Communal Riot	-	-	-	-	-	-	-	-	-	-
30	Dam Break/ Spill Way related flood.	-	-	-	-	-	-	-	-	-	-
31	Soil/ Coastal erosion	-	-	-	-	-	-	-	-	-	-

3.2 Major Disasters/ Incidents in the District during 2018 :

Table 12 : Major Disasters in 2018

Sl. No.	Disaster/ Incident	No. of incidents during 2018	No. of Deaths	Affected Population	Livestock Loss	Houses Damaged	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							AWC/ School	Hospitals	Road in Km	Other Critical Infrastructure	
1	Lightning	09	09	09	-	-	-	-	-	-	-
2	Drowning	12	19	19							
3	Whirlwind	-	-	-	-	-	-	-	-	-	-

3.3 Vulnerability and Risk Assessment related to disasters:

1. Cyclone:

Table 13 : Cyclone vulnerable areas of the district.

Sl. No.	Name of the Block/ ULB	No. of susceptible Gram Panchayats	No. of susceptible Villages/ Wards	Vulnerable Population in Nos.	Milch and Draught animals	Houses	Vulnerable Infrastructure			
							School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infrastructure
1	Erasama	18	81	39381	76678	9428	82	4	23	-
2	Balikuda	05	19	15032	91753	3599	32	2	18	-
3	Kujang	11	31	30727	69037	7356	64	4	21	-

Table 14 :Electrical Infrastructure and cyclone Vulnerability:

Sl. No.	Name of the Block/ ULB	No. of Grid Stations	No. of 33/11 KV Sub-stations	No. of Distributing Transformers			Conduct or/ Electrical lines-11 KV or less (length in Kms.)	No. of Poles	No. of High Tension Towers	High Tension lines above 11 KV (length in Kms.)
				10 KV or Less	16 KV < and <60KV	63 KV and above				
1	Jagatsinghpur	01	5	11	314	401	986.87	41795	-	-
2	Balikuda		2	8	299	167	515.91	25954	-	-
3	Naugaon		1	5	93	91	210.28	10822	-	-
4	Raghunathpur	01	1	0	85	97	264.25	10500	-	-
5	Biridi		2	5	143	104	338.07	13531	-	-
6	Kujang	01	3	8	244	181	382.34	12133	-	-
7	Erasama		1	5	110	106	221.32	11413	-	-
8	Tirtol		1	5	136	115	262.00	10289	-	-
Total		03	16	47	1424	1262	3181.04	136437	-	

Table 15 :Drinking water facility in the Cyclone prone areas:

Sl. No.	Name of the Block/ ULB	Total No. of Tube Wells	No. of Wells	PWS Schemes				Other Drinking Water Sources If any
				Total No.	Length in Mtrs.	No. of Over Head tanks	No. of Stand Points	
1	Jagatsinghpur	2105	-	35	-	-	-	-
2	Balikuda	1537	-	35	-	-	-	-
3	Naugaon	947	-	26	-	-	-	-
4	Biridi	1484	-	25	-	-	-	-
5	Raghunathpur	1730	-	25	-	-	-	-
6	Tirtol	2167	-	36	-	-	-	-
7	Kujanga	1623	-	32	-	-	-	-
8	Erasama	1403	-	31	-	-	-	-

2. Tsunami:**Table 16 :Tsunami vulnerable areas of the district:**

Sl. N o.	Name of the Block/ ULB	No. of susc eptib le GPs	No. of suscepi ble Villages / Wards	Vulnera ble Populati on in Nos.	Milch and Draugh t anima ls	House s	Vulnerable Infrastructure			
							School Buildings / Anganwa di	Hospitals	Roa ds (in Km)	Other critical Infra structur e
1	Erasama	05	13	20945	-	4460	41	2	23	-
2	Kujanga	02	06	2703	-	576	11	1	21	-
3	Balikuda	03	06	3246	-	687	12	2	18	-
4	Paradeep	-	20	83976	-	17355	46	8	20	-

3. Flood:

This district is also surrounded by River system the Mahanadi and Paika in the North and Devi in the South-East. Due to it's geographical situation, the district is congenial and highly prone to occurrence of Flood.

Table 17 : Flood vulnerable areas of the district in general.

Sl. No .	Name of the Block/ ULB	No. of suscepi ble GPs	No. of suscepi ble villages/ Wards	Populatio n in Nos.	Milch and Draugh t animals	Hous es	Vulnerable Infrastructure			
							School/ AWC	Hospitals	Roads (in m)	Other critical Infrastruct
1	Erasama	18	81	39381	-	9428	82	4	23	-
2	Balikuda	05	19	15032	-	3599	32	2	18	-
3	Kujang	11	31	30727	-	7356	64	4	21	-

Table 18 : Causing agent wise flood vulnerable areas of the district:

Sl. No.	Causing agent- Rivers/ Water bodies/Tidal Wave/ Others	No. of Susceptible Blocks/ ULB	No. of Susceptible GPs	No. of Susceptible Villages/ Wards	Vulnerable Population	Milch and Draught animals	Houses	Vulnerable Infrastructure			
								School/ AWC Buildings	Hospitals	Roads (in Km)	Other Critical Infra.
1	Mahanadi	03	72	769	420810	344080	94646	774	09	64	-
2	Devi	03	75	653	384876	264557	98100	657	10	55	-
3	Paika	01	26	246	161100	145778	36285	294	02	23	-
4	Biluakhai	04	96	1004	467671	434874	117653	827	13	82	-
5	Hansua	04	80	854	488779	327980	110564	981	14	90	-
6	Tidal Wave	-	-	-	-	-	-	-	-	-	-
7	Flash Flood	-	-	-	-	-	-	-	-	-	-

Table 19 : Agriculture and Flood Vulnerability

Sl. No.	Name of the Block	Cultivable Area (Hectares)		Area susceptible to Flood (Hectares)	
		Paddy	Non Paddy	Paddy	Non Paddy
1	Balikuda	16406	303	16406	303
2	Biridi	8332	124	8332	124
3	Erasama	18428	622	18428	622
4	Jagatsinghpur	14465	54	14465	54
5	Kujang	15659	181	15659	181
6	Naugaon	9142	67	9142	67
7	Raghunathpur	8070	128	8070	128
8	Tirtol	15332	106	15332	106

Table No. 20 : Electrical Infrastructure in the Flood Prone Area

Sl. No.	Name of the Block/ ULB	No. of Grid Stations	No. of 33/11 KV Substations	No. of Distributing Transformers			Conductor/ Electrical lines-11 KV or less (length in Kms.)	No. of Poles	No. of High Tension Towers	High Tension lines above 11 KV (length in Kms.)
				10 KV or Less	16 KV < and <60KV	63 KV and above				
1	Jagatsinghpur	01	5	11	314	401	986.87	41795	-	-
2	Balikuda		2	8	299	167	515.91	25954	-	-
3	Naugaon		1	5	93	91	210.28	10822	-	-
4	Raghunathpur	01	1	0	85	97	264.25	10500	-	-
5	Biridi		2	5	143	104	338.07	13531	-	-
6	Kujang	01	3	8	244	181	382.34	12133	-	-
7	Erasama		1	5	110	106	221.32	11413	-	-
8	Tirtol		1	5	136	115	262.00	10289	-	-
Total		03	16	47	1424	1262	3181.04	136437	-	

Table 21 : Drinking water and Flood Vulnerability:

Sl. No.	Name of the Block/ ULB	Total No. of Tube Wells	No. of Tube Wells with raised platforms	No. Sanitary Wells	PWS Schemes				Other Drinking Water Sources If any
					Total No.	Length in Mtrs.	No. of Over Head tanks	No. of Stand Points	
1	Jagatsinghpur	2105	2105	-	35	-	-	-	-
2	Balikuda	1537	1537	-	35	-	-	-	-
3	Naugaon	947	947	-	26	-	-	-	-
4	Biridi	1484	1484	-	25	-	-	-	-
5	Raghunathpur	1730	1730	-	25	-	-	-	-
6	Tirtol	2167	2167	-	36	-	-	-	-
7	Kujanga	1623	1623	-	32	-	-	-	-
8	Erasama	1403	1403	-	31	-	-	-	-

Table 22 : Events/ Festivals/ Functions organized in the district where mass gathering occurs:

Sl. No.	Name of the Event/ Festival/ Function	Place (Block & Gram Panchayat)	Duration of the event (in No. of days)	Month (as per English Calendar)	Strength of population gathering (Approx.)
1	Makar Mela,	Jagatsinghpur	15 days	January	10000 /day
2	Makar Mela,	Rahama	15 days	January	10000 /day
3	Republic Day,	Jagatsinghpur	one day	January	5000
4	Jagatsinghpur Book Fair	Jagatsinghpur	7 days	January	3000 /day
5	Maha Siva Ratri,	Pachpali, Erasama	2 days	February	5000 /day
6	PANA Sankranti,	Maa Sarala Temple, Tirtol	one day	April	30000
7	Kallalo (zilla mahastov)	Jagatsinghpur	5 days	April	5000 /day
8	Independence Day	Jagatsinghpur	one day	January	5000
9	Biswarkama Puja	Paradeep	5 days	September	50000 /day
10	DASAHARA/ Rabanpodi function	Jagatsinghpur	one day	October	10000
11	Kalinga balijatra,	Paradeep	7 days	November	60000 /day
12	Chelitol Balijatra	Chelitol, Tirtol	7 days	November	20000 /day

Table 23 :Boat Operation Points:

Sl. No.	Name of the Block	Name of the ghat/ boat operation point	Name of the water body	No. of Panchayats/ villages connected	Daily to and fro movement of people in Nos. (Approx.)	Type of boats operating in Nos.	
						Mechanised	Non-Mechanised
1	Balikuda	Devi Ghat Biluakhai Ghat	Devi & Biluakhai River	04	120	Mechanised	-
2	Biridi	Hansua Ghat	Hansua River	03	70	Mechanised	-
3	Erasama	Hansua Ghat	Hansua River	05	100	Mechanised	-
4	Jagatsinghpur	Devi Ghat	Devi River	02	90	Mechanised	-
5	Kujang	Mahanadi Ghat	Mahanadi River	02	60	Mechanised	-
6	Naugaon	Devi Ghat	Devi River	03	80	Mechanised	-
7	Tirtol	Paika Ghat	Paika River	02	100	Mechanised	-

Table 24 :Lightning:

Sl. No.	Name of the Block/ ULB	Identifiable incidents of lightning hit in last 5 years		No. of Lightning events	No. fatality/ Deaths	Injured Persons
		No. GPs	No. of Villages/ Wards			
1	Jagatsinghpur	01	01	01	01	-
2	Kujanga	01	01	01	01	-
3	Biridi	01	01	01	01	-
4	Tirtol	02	02	02	02	-

Table 25 : Major Industrial Establishments/ Chemical & Other hazardous material storage points:

Sl	Name & address of MAH Units	Deptt./ Ownership	Name of hazardous materials stored	Quantity	Total no. of workers in the establishment	No. of adjacent Villages/ Habitations within 2 Kms. Radius	Susceptible Population	House	Vulnerable Infrastructure		
									School AWC	Hospitals	Other Critical Infra
1	PPL, Paradeep	Gol	i. Ammonia	50,000 MT	3205	23	10350	2587	37	3	-
			ii. H ₃ PO ₄ ,	60,000 MT							
			iii. H ₂ SO ₄ ,	20,000 MT							
			iv. Sulphur,	45,000 MT							
			v. F.O.,	3,000 KL							
			vi. Chlorine	1.8 MT							
2	Coastal Installation of BPCL, Paradeep	Oil of Gol	I. Highly Flammable Liquid	43,643 T	1910	17	7650	1910	28	2	-
3	Lighterage Terminal of IOCL, Paradeep	Gol	I. Highly Flammable Liquid	1,14,000 T	1720	09	4000	960	11	0	-
4	Paradeep Terminal of HPCL, Paradeep	Gol	I. Highly Flammable Liquid	1,83,889 T	1432	11	5500	1375	19	1	-
5	IOCL Depot, Ghangolia, Paradeep	Gol	I. Highly Flammable Liquid	16,650 T	172	05	2200	550	07	0	-
6	C.M. Power & Gas (P) Ltd., Paradeep	Pvt	I. LPG	900 T	334	08	4500	1125	14	1	-
7	IFFCO, Musadiha, Paradeep	Gol	i. Ammonia	40,000 MT	2972	19	9500	2375	28	1	-
			ii. H ₂ SO ₄ ,	35,000 MT							
			iii. H ₃ PO ₄	6,000 MT							
			iv. Chlorine	8 MT							
			v. Sulphur	1,000 MT							

Table 26 : Drought:

Sl. No.	Name of the Block	Average Annual Rain Fall	Ground Water Level	Cultivated Area (In Hectares)			
				Paddy		Non- Paddy	
				Rain fed Area	Irrigated area	Rain fed Area	Irrigated area
1	Balikuda	115.0	-	16406	2461	303	28.0
2	Biridi	116.3	-	8332	1250	124	-
3	Erasama	77.58	-	18428	2764	622	46.0
4	Jagatsinghpur	118.3	-	14465	2170	54	-
5	Kujang	93.75	-	15659	2349	181	-
6	Naugaon	57.83	-	9142	1371	67	-
7	Raghunathpur	87.33	-	8070	1211	128	-
8	Tirtol	82.83	-	15332	2461	106	-

3.9 : Drinking Water Crisis:**Table 27**

Sl. No.	Name of the Block/ ULB	Villages/ Wards without proper source of drinking water		Villages/ Wards having crisis of drinking water during summer season		Fluoride Contamination		Others Arsenic/ Saline/ Iron, If any
		No. of Villages / Wards	Population	No. of Villages/ Wards	Population	No. of Villages/ Wards	Population	
1	Balikuda	-	-	-	-	-	-	-
2	Biridi	-	-	-	-	-	-	-
3	Erasama	-	-	-	-	-	-	-
4	Jagatsinghpur	-	-	-	-	-	-	-
5	Kujang	-	-	-	-	-	-	-
6	Naugaon	-	-	-	-	-	-	-
7	Raghunathpur	-	-	-	-	-	-	-
8	Tirtol	-	-	-	-	-	-	-

3.10 : Railway Line Exposed different Hazards:**Table 28**

Sl. No.	Hazard	Length of Railway line exposed(in Km.)	Location
1	Flood	10 km	Paradeep
2	Land Slide	-	-
3	Storm Surge	10 km	Paradeep
4	Tsunami	08 km	Paradeep

Fig-5 : Railway Line of Jagatsinghpur District



3.11 : Road Accidents:

Table 29

Sl. No.	Stretch of Road (From - to)	Length in Kms.	No. of Traffic Congestion Areas	No. of Accident Prone Areas	No. of villages/ habitations adjacent to accident prone areas
1	Kandarpur to Paradeep	55	08	08	14
2	Kandarpur to Jagatsinghpur	30	12	12	23
3	Jagatsinghpur to Paradeep	25	06	06	16

3.12 : Population Requiring Special Care:

Table : 30

S. I. No.	Block/ ULB	No. of HHs headed by Women	No. of HHs headed by PWD	No. of Persons With Disability		No. of Widow	No. of Children		No. of Orphans		No. of Aged Persons (60 and above)		No. of Pregnant and lactating mother
				M	F		0-5 Years	6-14 Yrs	M	F	M	F	
1	Balikuda	-	-	213	149	4147	15406	-	-	-	6649	5445	2039
2	Biridi	-	-	112	98	2328	7967	-	-	-	3432	2822	1119
3	Erasama	-	-	210	186	3982	15316	-	-	-	6134	5036	2030
4	Jagatsinghpur	-	-	163	142	4234	13265	-	-	-	8071	5342	2693
5	Kujang	-	-	62	42	5060	17500	-	-	-	7215	5802	3384
6	Naugaon	-	-	77	41	2169	7296	-	-	-	3592	2937	1009
7	Raghunathpur	-	-	124	99	2108	7978	-	-	-	3655	2994	1348
8	Tirtol	-	-	96	76	4041	15259	-	-	-	7448	5137	2221

CHAPTER – 4: INSTITUTIONAL ARRANGEMENT

4.1 National Disaster Management Authority (NDMA)

The National Disaster Management Authority (NDMA) was constituted under the Sub-section (1) of Section (3) of National Disaster Management Act 2005. NDMA is the apex body for Disaster Management in the country headed by the Hon'ble Prime Minister of India to lay down policies, plans and guidelines to manage disaster and coordinating their enforcement and implementation for ensuring timely and effective response to disaster.

The Chairperson of the NDMA is the Hon'ble Prime Minister of India (*ex-officio*) and others members not exceeding than nine may be nominated by him. The Chairperson may designate one of the members to be the Vice-Chairperson.

4.2 National Executive Committee (NEC)

The central government has constituted a National Executive Committee (NEC) under sub-section (1) of Section (8) of DM Act-2005 to assist the National Disaster Management Authority in the discharge of its function and also ensure compliance of the directions issued by the central government.

The Union Home Secretary is the Chairpersons (*ex-officio*) of NEC. The Secretaries to the Government of India in the ministries/departments having administrative control of the agriculture, defence, drinking water supply, environment and forests, finance (expenditure), health, power, rural development, science and technology, space, telecommunication, urban development, water resources and chief of the integrated defence staff of the chief of staffs are other members of NEC.

4.3 State Disaster Management Authority (SDMA)

The State Disaster Management Authorities (SDMA) has to be constituted by every state government under the sub-section (1) & (2) of section 14 of Disaster Management Act 2005. The Hon'ble Chief Ministers of the state are the Chairpersons (*ex-officio*) of SDMA and other members not exceeding than eight may be nominated by the Chairpersons. The Chairman of the State Executive Committee (SEC), Chief Secretary of the State is a member and Chief Executive Officer (*ex-officio*) of SDMA.

The State Disaster Management Authority shall:-

- a) Lays down policies and plans for disaster management in the State.
- b) Approves the State Plan in accordance with the guidelines laid down by the NDMA,
- c) Coordinates the implementation of the State Plan, recommend provision of funds for mitigation and preparedness measures.
- d) Review the developmental plans of different departments of the State to ensure the integration of prevention, preparedness and mitigation measures.
- e) Lay down guidelines to be followed by the departments of the State Government for the purpose of integration of measures for prevention of disasters and mitigation in their development plans and projects and provide necessary technical assistance.
- f) Review the measures being taken for mitigation, capacity building and preparedness by the departments of the Government & issue such guidelines as may be necessary.

- g) Lay down detailed guidelines for providing standards of relief (Not less than the minimum standard of relief in the guidelines of NDMA) to persons affected by disaster in the State.

4.4 State Executive Committee (SEC)

The State Executive Committee (SEC) has been constituted by the State Governments under sub-section (1) & (2) of section (20) to assist the State Disaster Management Authority (SDMA) in the performance of its function and to coordinate action in accordance with the guidelines laid down by the SDMA and ensure the compliances of directions issued by the State Government under the DM act. The Chief Secretaries of the States are the Chairman of SEC (ex-officio). Four Secretaries of State Government are the other member's ex-officio. The Chairperson of SEC use powers delegated by SDMAs and state Governments.

The State Executive Committee shall:-

- a) Coordinate and monitor the implementation of the National Policy, National Plan and State Plan.
- b) Examine the vulnerability of different parts of the State to different forms of disaster and specify measures to be taken for their prevention and mitigation.
- c) Lay down guidelines for preparation of disaster management plans by the departments of the Government of the State and the District authorities and monitor the implementation of the plans.
- d) Evaluate preparedness at all government and non-government levels to respond to any threatening disaster situation or disaster and give all directions where necessary for enhancing such preparedness.

4.5 Revenue and Disaster Management Department:

The Revenue and Disaster Management Department is responsible for providing immediate relief to the people affected by various calamities like floods, droughts, cyclones, hailstorms, earthquakes, fire accidents, etc. It also takes initiatives for relief, rescue, rehabilitation and restoration work. The Department is headed by the Principal Secretary/Addl. Chief Secretary, Revenue and Disaster Management Department who exercises all administrative and financial powers.

4.6 Special Relief Organization:

The Special Relief Organisation was established under the Board of Revenue in 1965-66 for carrying out relief and rescue operation during and after various disasters. Since its inception, the scope of Relief Organisation has been diversified. Now it deals with disaster management i.e. response, relief and rehabilitation. It coordinates with districts/departments for quick relief and rescue operation, reconstruction and rehabilitation work. It also promotes disaster preparedness at all levels in the State with the assistance of Odisha State Disaster Management Authority (OSDMA). Quick response in the natural calamities is the hall-mark of Special Relief Organisation.

4.7 Odisha State Disaster Management Authority (OSDMA):

Odisha State Disaster Mitigation Authority (OSDMA) was established by the Government of Odisha as an autonomous organization vide Finance Department Resolution No. IFC- 74/99-51779/F dated the 28th December 1999 (in the intermediate aftermath of the Super-cyclone in 1999). It was registered under the Societies Registration Act, 1860 on 29.12.1999 as a non-profit making & charitable institution for the interest of the people of Odisha, with its headquarters at Bhubaneswar and jurisdiction over the whole State.

The Authority has the mandate not only to take up the mitigation activities but also the relief, restoration, reconstruction and other measures. These activities cover the entire gamut of disaster management including preparedness activities and also include:

- Coordination with the line departments involved in reconstruction,
- Coordination with bilateral and multi-lateral aid agencies,
- Coordination with UN Agencies, International, National and State-level NGOs,
- Networking with similar and relevant organizations for disaster management.

4.8 State Level Committee on Natural Calamity (SLCNC)

A State Level Committee on Natural Calamity (SLCNC) has been constituted under the Chairmanship of the Hon'ble Chief Minister to oversee disaster preparedness and response activities.

The Function of the SLCNC is -:

- a) To advise the State Government regarding precautionary measures to be taken in respect of flood, drought and other natural calamities.
- b) To assess the situations arising out of the calamities.
- c) To recommend to Government the nature and quantum of relief; and
- d) To recommend to Government the Policy to be adopted in giving such relief in areas affected by such calamities.

4.9 District Disaster Management Authority (DDMA)

Under the sub-section (1) of section 14 of DM act 2005. District Disaster Management Authority has been constituted by the State Government.

The District Disaster Management Authority (DDMA) consists of the Chairperson and such number of the other members, not exceeding seven, as may be prescribed by the State Government, and unless the rules otherwise provide, it shall consist of the following namely:-

- a) The Collector or District Magistrate or Deputy Commissioner of the District is the Chairperson (*ex-officio*) of DDMA.
- b) The elected representative of local authority i.e President, Zilla Parishad is the Co-chairperson (*ex-officio*) of DDMA.

Provided that in the Tribal Areas, as referred to in the Sixth Schedule to the Constitutions, the Chief Executive Member of the district council of autonomous district, shall be the co-Chairperson, *ex officio*

- c) The Chief Executive of the District Authority, *ex officio*;
- d) The Superintendent of Police, *ex officio*;
- e) The Chief Medical Officer of the district, *ex officio*;
- f) Not exceeding two other district level officers, to be appointed by the State Government

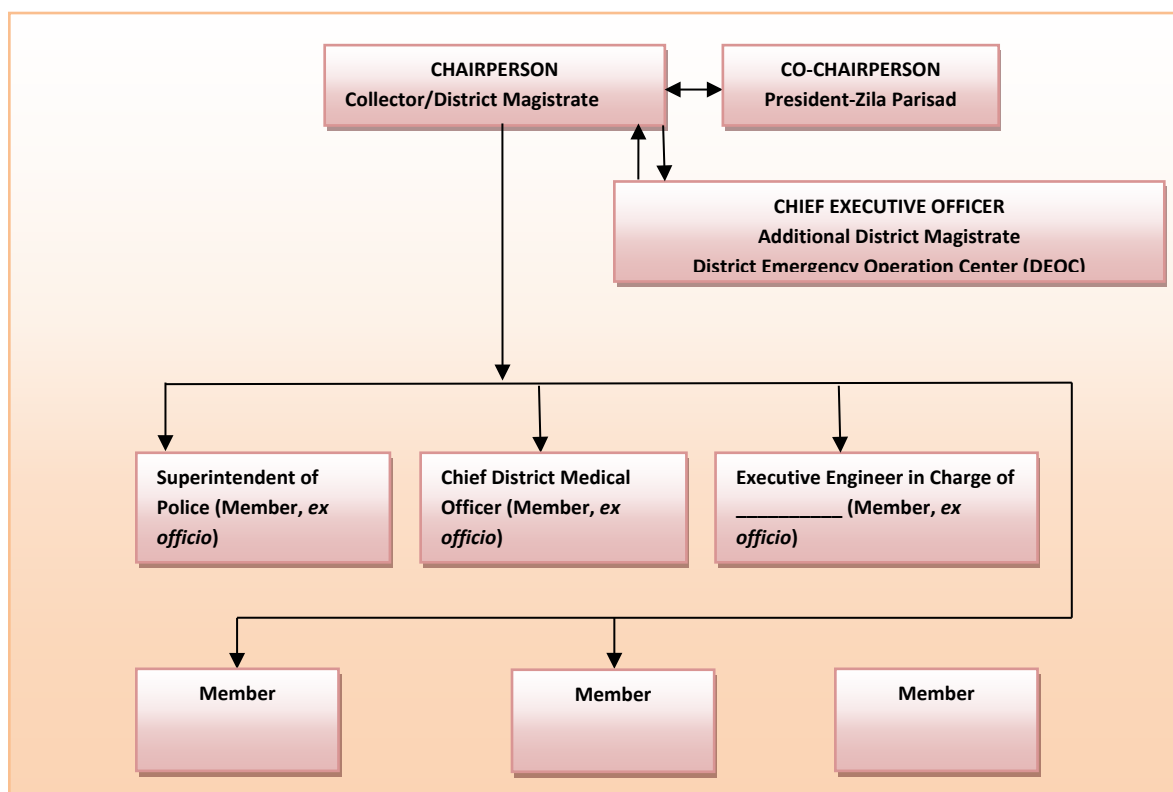
The State Government appoints an officer not below the rank of Additional Collector or Additional District Magistrate or Additional Deputy Commissioner, as the case may be of the District to be Chief Executive Officer of DDMA.

4.10 Structure of District Disaster Management Authority, Jagatsinghpur

Table 31 : Structure of DDMA

SL. No.	Name	Designation	Designation	Contact Number
1.	Sri Sangram Keshari Mohapatra, OAS (SAG)	Collector & District Magistrate	Chairperson	9437084329
2.	Mrs Priyadarshini Biswal	President, Zilla Parishad	Co-Chairperson	9439749110
3.	Mrs Sudha Sharma, IPS	Superintendent of Police	Member	9439440000
4.	Sri Satchidananda Sahoo, OAS (S)	ADM, Jagatsinghpur	CEO	9437388776
5.	Sri Braja Gopal Dash, OAS(SAG)	Project Director, DRDA	Member	9438500911
6.	Dr Ajay Kumar Baitharu	Chief District Medical Officer	Member	9437230031
7.	Sri Rama Chandra Nayak	Dy. Director of Agriculture	Member	9861329866
8.	Sri Umakanta Mohanty	Executive Engineer-Irrigation (in-charge of embankment)	Member	9777045198
9.	Sri Manoranjan Patnaik	Executive Engineer-RD	Member	9437255340

Figure 6 : Organogram of District Disaster Management Authority



The DDMA acts as the district planning; coordinating and implementing body for disaster management and take all measures for the purpose of disaster management in the district in accordance with the guidelines laid down by the NDMA and SDMA.

The District Disaster Management Authority (DDMA) shall:-

- a) Prepare Disaster Management Plan including District Response Plan of the District.
- b) Coordinate and Monitor the implementation of the National DM Policy, State DM Policy, State DM Plan and District DM Plan.
- c) Ensure that vulnerable areas of the districts are identified and prevention and mitigation measures are being undertaken by the departments of the Government both at district level and at local level.
- d) Ensure that guidelines for Prevention and Mitigation measures, Preparedness and Response as lay down by NDMA and SDMA are being followed by all departments of Government both at district and local level.
- e) Monitor the implementation of Disaster Management Plans prepared by the departments of the Government at the district levels.
- f) Review the state of capability for responding to any disaster or threatening disaster like situation in the district and give directions to the relevant departments or authorities at the district level for their up gradation.
- g) Review the preparedness measures and give directions to the concerned departments at the district level for bringing the preparedness measures to the levels required for responding effectively to any disaster.
- h) Organize, coordinate and facilitate specialized training programmes and awareness programmes for different level of officers, employees, voluntary rescue workers and community members for prevention and mitigation of disaster with support of governmental and non-governmental organization and local authorities.
 - i) Set up, maintain, review and upgrade mechanism for early warning and dissemination of proper information to public.
 - j) Review development plans prepared by the departments of the government at the district level, statutory authorities with a view to make necessary provisions therein for prevention of disaster or mitigation.
 - k) Examine construction in any area in the district and ensure standards for prevention of disaster or mitigation laid down for such construction to be followed by the concerned departments and authorities.
 - l) Identify buildings and places which could be used as relief centers or camps in the event of any disaster or disaster like situation and make arrangements for water supply and sanitation in such buildings and places.
 - m) Establish stockpiles of relief and rescue materials or ensure preparedness to make such materials available at short notice;
 - n) Encourage the involvement of Non Government Organization and Voluntary Organizations working at the grass root level in the district for disaster management.
 - o) Ensure communication systems are in order and disaster management drills are carried out periodically.
 - p) Perform such other functions as the State Government or State Authority may assign to.

4.10.1 Specific task assigned to members of DDMA by the Chairperson

i. Additional District Magistrate

SPECIFIC TASKS ASSIGNED
Ensuring communication establishment of DCR with Block Control Rooms / Line Dept. Control Rooms / Zones / Sub-Zones / Neighboring district control room / Police control rooms / OSDMA / Revenue control room / SRC./ Board of Revenue / IMD / State flood control room / RDC.

Test checking of receipt & transmission of messages.
Ensuring Proper functioning of communication equipments or systems.
Alternate communication arrangements in case of failure of one system.
Training & Mock drill of officials designated for disseminating a Cyclone/Flood warning.
Flow of information Up & Down as follows 1) DCR/ADM --- BCR (Zones) / Tahasils --- Sub-Zones --- G.P CR.--- Villages 2) Rev. Deptt. / SRC / IMD ---- Collector / DCR/ADM ---- Line Dept C.R./ Police C.R / RTO. / CDMO / CDVO / DIPRO.
Public address system to be kept ready along with vehicles.
Highlighting Control Room Phone No's.
Preparing a database for Important Tel Nos. & Alternate Tel Nos.
DCR to operate with shift (24 hours & 365 days).
Battery/Charging sets to be kept charged with arrangements for stand by Battery sets.
Detail report of the situation to be displayed for everyone's information at DCR.
Adequate warning mechanism to be ensured for evacuation.
Officers at different control rooms to be designated as Nodal officer for evacuation.
Co-ordination between Dist. Administration with NGOs / CBOs etc.
Pre placements of Power & country boats at weak & Vulnerable points
Mapping of cyclone shelters serving Vulnerable villages.
Identification of Mounds & Cattle sheds.
Army assistance / Special task group to be pre prepared.
Rescue groups to be Mock drilled.
Co-ordination with Police force / Police arrangements / Fire brigade staff.
Contact Person / Address / Telephone No. of different Private / Govt. Vehicle to be kept in advance.
Organizing vehicles / ambulance for immediate assistance to the affected mass.
Community assistance in road clearance.
Passenger carrying buses / transportation etc. to be diverted away from Disaster sites.
Areas to be identified & cordoned off.
Public information centers activated.
Gender / Old age issue must be taken care of.
Ensuring advance stocking of resource for evacuation equipments like ladders, rope, petromax lights etc.
Safe route / alternate route charts from / to weak & Vulnerable points.
Evacuation routes not to be blocked for long time.
Order of evacuation should be a) Seriously injured & sick b) Children, women, Handicapped, old age c) Able bodied.
Petrol / Kerosene Oil / Diesel to be kept reserved in advance
Ensuring supply of Food & Water
An officer to be appointed as the relief officer.
Provision for security in a) Relief receiving centers b) Transportation of relief c) Relief stored godowns d) Distribution of relief e) Relief camps f) Free kitchen centers / Feeding centers g) Relief officials h) VIP's / VVIP's dealing with relief distribution i) Air dropping zones
Order in advance for the requirements.
Storage of materials in advance at the inaccessible pockets.

Ensuring pre position of medical aids.
Evaluating the depth of impact of disaster at different locations.
Prioritizing the disaster sites depending upon the magnitude.
Uninterrupted supply of relief materials to Relief camps / Multipurpose shelters.
Provision for free kitchen / distribution of cooked food.
Provision for transportation.
Alternate rout chart to reach the disaster sites / weak & vulnerable points.
Arrangements for Trauma counseling facilities
Initiating helps from local NGOs / CSOs / Anganwadi Workers
Keeping an account of the list of private stockiest / Millers etc.
Family pack should be made in advance.
Type of relief materials to be finalized for different types of disasters,
Ensuring MSL (minimum standard limit) at all the fair price shop / Wholesalers etc.
Packed water to be pre stocked / Drinking water supply
Public address system / Public information center activated
Precautionary measures through Leaf lets / Pamphlets.
With SRC / OSDMA / RDC / Rev. Dept.
With Different official of the Collectorate.
With S.P. / CDMO / CDVO / CSO / RTO
With Irrigation / Line Departments.
With Army Personnel's NCC / NSS etc.
With Fire officer
With Private Resource persons like Doctors / Engineers etc.
With NGOs / CBOs
With neighboring district HQ.
With Student mass
Road clearance.
Eviction of Encroachments.
Arrangements for alternate routes
Identification of Causalities.
Preparing reports on UD cases.
Electricity restoration.
Transportation / communication restoration.
Water supply restoration.
Normalcy restoration.
Estimation of the loss.

ii. Chief District Medical Officer (Health Department)

SPECIFIC TASKS ASSIGNED
Ensuring communication establishment with DCR, U.G.P.H.C.s, P.H.C.s, P.H.Cs (N), Medical Aid Centres & Sub Centres
Test checking of receipt & transmission of messages.
Ensuring Proper functioning of communication equipments or systems.
Alternate communication arrangements in case of failure of one system.
Training & Mock drill of officials designated for disseminating a Cyclone/Flood warning.

Flow of information To & From as follows Collector / D.C.R -----C.D.M.O. ----- M.O., P.H.Cs, C.H.Cs etc. ----- M.O, Sub Centres ----- Medical Aid Centres.
Public address system to be kept ready along with vehicles.
Highlighting Medical Control Room Phone No's. .
Preparing a database for Important Tel Nos. & Alternate Tel Nos.
Control room to operate with shift Medical officers (24 hours & 365 days).
Battery/Charging sets to be kept charged with arrangements for stand by Battery sets.
Detail Precautionary report of the situation to be displayed for everyone's information.
Ensuring prevention of water born diseases.
Placement of requirements of medicines etc.
Adequate warning mechanism to be ensured for evacuation.
Officers at different control rooms to be designated as Nodal officer for evacuation.
Functioning of medical Aid Centres in the shelters / weak & Vulnerable areas.
Adequate supply of Medicines etc required for treatment of people rescued.
Ambulance to be kept in readiness.
Formation of Mobile units & Deputing these mobile units with Medicines to accompany the rescue team.
Preventive measures to stop spread of epidemics in the shelters / relief camps.
Distribution of Leaf-lets / Pamphlets for Dos & Do Nots.
Special Attention for water sanitation.
Ensuring functioning of MRCs
Uninterrupted supply of Medicines to the MRCs / Relief Camps / Sub Centres / Multipurpose shelters.
An officer to be designated as relief medical officer.
The following emergency medical equipment are stocked <ul style="list-style-type: none"> • Drugs used for treatment of cut and fractures, such as tetanus toxoid, analgesics and antibiotics. • Drugs used for the treatment of diarrhea, water-borne diseases and flu (including oral dehydrating supplies). • Drugs required treating burns and fighting infections. • Drugs needed for detoxification including breathing equipments.
Discharge of all ambulatory patients whose release does not pose a health risk to them.
Non-ambulatory patients relocated within the hospital to safest areas.
Equipment supplies such as candles, matches, lanterns and extra clothing provided for the comfort of the patients.
Emergency Generator available.
Adequate supplies of anesthetic gases for surgery cases available.
The hospital water storage tanks were filled.
An area of the hospital designated for receiving large number of casualties.
Emergency admissions <ul style="list-style-type: none"> • Procedures developed. • Records maintained. • Work schedules to ensure availability of adequate staff.
In house emergency medical teams to ensure that adequate staff available at all times to handle emergency casualties.
Emergency accommodations provided for, for medical personnel from outside the area.
Security arrangements made at hospitals.
Public address system / Public information center activated at the hospital.

Trauma counseling facilities.
With Collector / DCR, S.P. GRIDCO, PHD, RWSS & Line Dept.
With NGOs / CBOs / CSOs.
With Health Dept. /Red Cross
With Private Ambulance / Nursing Homes / Doctors / Specialist.
Water Sanitation while the normalcy restores.
Safe Disposal of carcasses.
Ensuring proper functioning of DDCs.
More Medical Aid Camps at disaster sites / Rehabilitation sites.
Protection against epidemics water born diseases & air born diseases.
Supply of disaster specific medicines.
Record mentioning the details of casualties.
Trauma counseling system developed.

Irrigation Department

SPECIFIC TASKS ASSIGNED
Radio communications established with Emergency Operations Centre, Divisional Commissioner, District Control Room and Departmental offices within the division
An officer appointed as "Officer-in-Charge-Irrigation"
Emergency tool kits for all technical assistants prepared.
Water level gauges on minor tank structures not having level gauges marked.
Repairs/under construction activities are well secured.
Round the clock inspection and repair being carried out of Bunds of dams, Irrigation channels, Bridges, Culverts, Overflow channels as may be necessary.
Round the clock inspection and repair being carried out of Pumps, Generators, Motor equipment and Station buildings.
Level of impounding in the tanks reduced.
Coordination of this action with other districts is done.
Inlet and outlet to tanks are cleared.

Agriculture Department

SPECIFIC TASKS ASSIGNED
Communication link within the division established with Divisional Commissioner, District Control Room, Agricultural colleges, Seed banks, Nurseries (private and public).
The Superintending Agriculture Officer designated as "Officer-in-Charge-Agriculture"
Agricultural equipments, which may be required, stocked.
Contact established with soil and water testing laboratories.
Extent of damage assessed for Soil, Crop, Plantation, Micro-irrigation systems and Storage facilities
Requirements for salvage or re-plantation assessed
Information provided to all concerned about the disasters, likely damages to crops and plantations, and information about ways to protect the same.
Actions coordinated with Irrigation Department, DRDA
Organized transport, storage and distribution of Seeds, Fertilizers, Pesticides and Labour

Cleaning operations carried out to avoid water logging and salinity.
Surveillance for pests and diseases being carried out.
Public information center established.
NGOs and other relief organizations informed of the resources of the department.
Farmers assisted to reestablish their contacts with agriculture produce market.
Adequate facilities provided to field teams.

Public Works Department

SPECIFIC TASKS ASSIGNED
Radio Communication link established with Divisional Commissioner, District Control Room, Emergency Operations Centre, Departmental offices within the division.
An officer appointed as "Officer-in-Charge-PWD"
Extra transport vehicles dispatched from headquarters
Work under construction secured
Heavy equipment, such as front-end loaders, have been secured.
All work teams issued two-way communication link.
Inspection and emergency repairs, if necessary, carried out for all Roads, Roads bridges, Underwater inspection of foundations and piers, Concrete and steelworks.
Inspection and emergency repairs, if necessary, carried out for all buildings and structures of the state government (including hospital buildings)
Emergency inspection by mechanical engineer of all plant and equipment in the District workshops carried out.
Emergency tool kits assembled for each division
Routes strategic to evacuation and relief marked
Adequate road signs installed to guide and assist the drivers.
Priority listing made for which roads to be opened first.
Essential equipments such as Towing vehicles, Earth moving equipments, Cranes etc. Made available
Begin clearing roads
Community assistance mobilized for road clearing
The following activities were undertaken Cleaning of ditches, Grass cutting, Burning or removal of debris and Cutting of dangerous trees along the roadside in the affected area.
The following repair works were undertaken for All paved and unpaved road surfaces, Pothole patching and Any failure of surface foundations in the affected areas.
Construction work undertaken for temporary roads to serve as access to Temporary transit camps, Relief camps and Medical centers.
Construction work undertaken for temporary structures required for organizing relief work such as Relief camps, Feeding centers, Medical facilities, Cattle camps and SOC/s
An up-to-date report of all damage and repairs kept in the district office report book.

Electrical Department / CESU

SPECIFIC TASKS ASSIGNED
Radio communications established with Emergency Operations Centre, Divisional Commissioner, District Control Room and Departmental offices within the division
An officer appointed as “Officer-in-Charge-power Supply”
Standby arrangements for temporary electric supply or generators made for Hospitals, Water department, Collectorate, Police stations, Telecommunications buildings, Meteorological stations, Transit camps, SOC Feeding Centers, Relief camps, Cattle camps, Godowns for storing relief materials, Access roads.
Each depot provided with disaster management tool kit
Inspection, and repairs if needed, carried out for High tension lines, Towers, Substations, Transformers, Insulators, Poles
Clearing of damaged poles carried out.
Salvage of conductors and insulators done.
Emergency accommodations undertaken for staff from outside the area.
An itemized damage assessment carried out

Chief District Veterinary Officer (Animal Husbandry)

SPECIFIC TASKS ASSIGNED
Radio Communication link established with Divisional Commissioner, District Control Room, Emergency Operations Centre, Veterinary aid centers and Hospitals (including private practitioners) within the division.
The District Animal Husbandry Officer designated as “Officer-in-Charge-Veterinary Services”
Emergency medical equipments required are stocked.
All veterinary hospitals and centers staff informed about the disasters, likely damages and effects, and ways to protect life, equipment and property.
Emergency electrical generator arranged.
Emergency supplies of anesthetic drugs arranged.
Hospital water storage tanks filled
An area of the hospital prepared for receiving large number of livestock
Emergency admission procedures developed (with adequate record keeping).
Transfer of seriously injured livestock from villages to veterinary aid centers and hospitals organized.
Established at disaster sites Cattle camps, Additional veterinary aid centers.
Adequate sanitary conditions maintained Cleaning operations being carried out Epidemiological surveillance is being undertaken
Emergency accommodations available for veterinary staff from outside the area.
Organized for cattle camps Water, Fodder and Animal feed.
Public information center established.
The local police, and rescue groups informed of the resources of each veterinary aid centers and hospital.

Block Development Officers

SPECIFIC TASKS ASSIGNED
Ensuring communication establishment of BCR with District control rooms / Line Dept. control rooms / Sub-Zones / Neighboring Block control room / Police control rooms / IMD / State flood control room.
Test checking of receipt & transmission of messages.
Ensuring Proper functioning of communication equipments or systems.
Alternate communication arrangements in case of failure of one system.
Training & Mock drill of officials designated for disseminating a Cyclone/Flood warning.
Flow of information Up & Down as follows 1) DCR / Collector --- BCR (Zones) / Tahasils --- Sub-Zones --- G.P CR.--- Villages.
Public address system to be kept ready along with vehicles.
Highlighting Control Room Phone No's. .
Preparing a database for Important Tel Nos. & Alternate Tel Nos.
BCR to operate with shift (24 hours & 365 days).
Battery/Charging sets to be kept charged with arrangements for stand by Battery sets.
Detail report of the situation to be displayed for every ones information at BCR.
Adequate warning mechanism to be ensured for evacuation.
Officers at different control rooms to be designated as Nodal officer for evacuation.
Co-ordination between Block Administrations with NGOs, CBOs.
Pre placements of Power & country boats at weak & Vulnerable points
Mapping of cyclone shelters to the Vulnerable villages.
Identification of Mounds & Cattle sheds.
Army assistance to be pre prepared.
Rescue groups to be Mock drilled.
Co-ordination with Police force / Police arrangements / Fire brigade staff.
Contact Person / Address / Telephone No. of different Private / Govt. Vehicle to kept in advance.
Organizing vehicles / ambulance for immediate assistance to the affected mass.
Community assistance in road clearance.
Passenger carrying buses / transportation etc. to be diverted away from Disaster sites.
Areas to be identified to be cordoned off.
Public information centers activated.
Gender / Old age issue must be taken care of.
Ensuring advance stocking of resource for evacuation equipments like ladders, rope, petromax lights etc.
Safe route / alternate route charts from / to weak & Vulnerable points.
Evacuation routes not to be blocked for long time.
Order of evacuation should be a) Seriously injured & sick b) Children, women, Handicapped, old age c) Able bodied.
Petrol / Kerosene Oil / Diesel to be kept reserved in advance
Ensuring supply of Food & Water
An officer to be appointed as the relief officer.

Provision for security in
a) Relief receiving centers
b) Transportation of relief
c) Relief stored godowns
d) Distribution of relief
e) Relief camps
f) Free kitchen centers / Feeding centers
g) Relief officials h) VIP's / VVIP's dealing with relief distribution
i) Air dropping zones
Placement of order in advance for the requirements.
Storage of materials in advance at the inaccessible pockets.
Ensuring pre position of medical aids.
Evaluating the depth of impact of disaster at different locations.
Prioritizing the disaster sites depending upon the magnitude.
Uninterrupted supply of relief materials to Relief camps / Multipurpose shelters.
Provision for free kitchen / distribution of cooked food.
Provision for transportation.
Alternate rout chart to reach the disaster sites / weak & vulnerable points.
Arrangements for Trauma counseling facilities
Initiating helps from local NGOs / CSOs / Anganwadi workers
Keeping an account of the list of private stockiest / Millers etc.
Family pack should be made in advance.
Type of relief materials to be finalized for different types of disasters,
Ensuring MSL (minimum standard limit) at all the fair price shop / Wholesalers etc.
Packed water to be pre stocked / Drinking water supply
Public address system / Public information center activated
Precautionary measures through Leaf lets / Pamphlets.
With DCR / Collector.
With Police / M.O. / Fire officer
With Line Departments.
With Army Personnel's / NCC / NSS etc.
With Student mass
With Private Resource persons like Doctors / Engineers etc.
With NGOs / CBOs / CSOs
With neighboring Block HQ.
Road clearance.
Eviction of Encroachments.
Arrangements for alternate routes
Identification of Causalities.
Preparing reports on UD cases.
Electricity restoration.
Transportation / communication restoration.
Water supply restoration.
Normalcy restoration.
Estimation of Losses

RWSS Department

SPECIFIC TASKS ASSIGNED
Radio Communication link established with Divisional Commissioner, District Control Room, Emergency Operations Centre, Departmental offices within the division.
One officer appointed as "Officer-in-Charge-Water Supply"
Ensured that the hospital storage tank is full and the hospital is conserving water.
Informed people to store emergency supply of drinking water.
Continuous monitoring carried out for Wells, Intake structures, Pumping stations, Buildings above ground, Pumping mains and The treatment plant
Standby diesel pumps or generators installed in damage proof buildings.
Provision for standby water supply made.
Procedures were established for the emergency distribution of water if existing supply was disrupted.
Provisions to acquire tankers and establishing other temporary means of distributing water on an emergency basis carried out.
Provisions to acquire containers and storage tanks required for storing water on an emergency basis carried out.
Water distributed to all transit camps, Relief camps, Affected villages & Cattle camps
Buffer stock of fuel for the motors acquired
Emergency repairs of damages to water supply systems carried out
Appropriate sources of potable water identified.
Unacceptable water sources identified & necessary precautions taken to see that no water is accessed from such sources.
Alternate water supply arranged in Feeding centers, All transit camps, Relief camps, Cattle camps and The affected areas.
Drinking water supply is disinfected as per the standards and procedures laid down.
Emergency accommodations for staff from outside the area provided.

Tahasildars

SPECIFIC TASKS ASSIGNED
Ensuring communication establishment with DCR / BCR / Line Dept. control rooms / Zones / Sub-Zones / Police control rooms / State flood control room.
Test checking of receipt & transmission of messages.
Ensuring Proper functioning of communication equipments or systems.
Alternate communication arrangements in case of failure of one system.
Training & Mock drill of officials designated for disseminating a Cyclone/Flood warning.
Flow of information Up & Down as follows 1) DCR --- BCR (Zones) / Tahasils --- Sub-Zones --- G.P CR.--- Villages
Public address system to be kept ready along with vehicles.
Highlighting Control Room Phone No's. .
Preparing a database for Important Tel Nos. & Alternate Tel Nos.
Battery/Charging sets to be kept charged with arrangements for stand by Battery sets.
Adequate warning mechanism to be ensured for evacuation.
Officers at different control rooms to be designated as Nodal officer for evacuation.
Co-ordination between Dist. Administration with NGOs, CBOs .
Pre placements of Power & country boats at weak & Vulnerable points
Mapping of cyclone shelters to the Vulnerable villages.

Identification of Mounds & Cattle sheds.
Rescue groups to be Mock drilled.
Co-ordination with Police force / Police arrangements / Fire brigade staff.
Contact Person / Address / Telephone Nos. of different Private / Govt. Vehicles to kept in advance.
Organizing vehicles / ambulance for immediate assistance to the affected mass.
Community assistance in road clearance.
Passenger carrying buses / transportation etc. to be diverted away from Disaster sites.
Areas to be identified & cordoned off.
Public information centers activated.
Gender / Old age issue must be taken care of.
Ensuring advance stocking of resource for evacuation equipments like ladders, rope, petromax lights etc.
Safe route / alternate route charts from / to weak & Vulnerable points.
Evacuation routes not to be blocked for long time.
Order of evacuation should be a) Seriously injured & sick b) Children, women, Handicapped , old age c) Able bodied.
Petrol / Kerosene Oil / Diesel to be kept reserved in advance
Ensuring supply of Food & Water
An officer to be appointed as the relief officer.
Provision for security in a) Relief receiving centers b) Transportation of relief c) Relief stored godowns d) Distribution of relief e) Relief camps f) Free kitchen centers / Feeding centers g) Relief officials h) VIP's / VVIP's dealing with relief distribution i) Air dropping zones
Evaluating the depth of impact of disaster at different locations.
Prioritizing the disaster sites depending upon the magnitude.
Uninterrupted supply of relief materials to Relief camps / Multipurpose shelters.
Provision for free kitchen / distribution of cooked food / transportation..
Alternate rout chart to reach the disaster sites / weak & vulnerable points.
Arrangements for Trauma counseling facilities
Initiating helps from local NGOs / CSOs / Anganwadi workers
Keeping an account of the list of private stockiest / Millers etc.
Type of relief materials to be finalized for different types of disasters,
Packed water to be pre stocked / Drinking water supply
Public address system / Public information center activated
Precautionary measures through Leaf lets / Pamphlets.
With DCR / Collector.
With Police / M.O. / Fire officer / B.D.Os
With Army Personnel's / NCC / NSS etc.
With Student mass
With Private Resource persons like Doctors / Engineers etc.
With NGOs / CBOs / CSOs
With neighboring Block HQ.
Road clearance.
Arrangements for alternate routes
Identification of Causalities.
Transportation / communication restoration.
Water supply restoration.
Normalcy restoration.
Estimation of Losses

Fire Officer

SPECIFIC TASKS ASSIGNED
Communication established with Police, Dist. Control Room, CDMO office, Emergency operation center
Essential fire fighting equipments are stocked Vehicle in good condition, Fuel, Masks, ladders etc.
Personnel are trained to fight out different fire disaster situation
Personnel are trained in the evacuation work
Phone lines are always in order and Community may be informed about the contact points.
Regular staff assessment for 24 hours to meet emergency
Fire prone zones identified
Steps have taken to educate people
Minimum emergency response time (in minutes)
Operating procedure –preparedness, during fire and rehabilitation
Local authority should be kept informed for assistance
Rescue of life and property
Aid for Medical services.
Local bodies should see the fire hazards for water supply points
Rush to the spot to combat the situation
Police to control the crowd and to help in giving assistance for relief distribution
Communication equipments-VHF
Informed the local bodies for water supply –available sources
First aid training to all
Revenue Department coordinate for relief rehabilitation
Village volunteers should seek the help of GP for water supply
Wells /ponds may be constructed where there is lack of water.

District Level Committee on Natural Calamity (DLCNC)

The Codal provision of Odisha Relief Code envisages the constitution of District Level Committee on Natural Calamity (DLCNC) which is the apex committee at the district to monitor preparedness and suggests improvement in the response mechanism and finalizes the district disaster management plans. The members of DLCNC are as follows:

Table 32: Structure of District Level Committee on Natural Calamity

SI No.	Name of the Member	Designation	Position
1	Sri Sangram Keshari Mohapatra, OAS(SAG)	Collector & District Magistrate	Chairman
2	Ms Rajashree Mallick	MP (Lok Sabha)	Member
3	Sri Raghunandan Das	MLA, Balikuda-Erasama and Hon'ble Minister of WR and I & PR	Member
4	Sri Bishnu Ch. Das	MLA, Tirtol	Member
5	Sri Prasanta Kumar Muduli	MLA, Jagatsinghpur	Member
6	Sri Sambit Routray	MLA, Paradeep	Member
7	Sri Mahendra K. Mohanty, OAS (SB)	Sub-Collector	Member
8	Dr Kalyan Sourav Dash, OAS	District Emergency Officer	Member Secretary
9	Dr Ajay Kumar Baitharu	Chief District Medical Officer	Member
10	Dr Ramesh Chandra Behera	Chief District Veterinary Officer	Member
11	Sri Baleswarnath Sahu	Superintendent Engineer, Irrigation	Member

4.11 National Disaster Response Force (NDRF)

The Disaster Management Act 2005 has made the statutory provisions for the constitution of the National Disaster Response Force (NDRF) for the purpose of specialized response to natural and man-made disasters. The NDRF comprises of 12 units of Central Paramilitary Forces (CPMF) that includes 3 units each from Central Reserve Police Forces (CRPF) and Boarder Security Forces (BSF) and 2 Unit each from Central Industrial Security Forces (CISF), Indian Tibbet Boarder Police (ITBP) and Sahastra Seema Bal (SSB). Each battalion has 18 self-contained specialists Search and Rescue teams of 45 personnel. The NDRF team includes Chemical, Biological and Radiological Disaster (CBRN) emergency responders, S&A element, engineers, technicians, electricians, dog squads and paramedics. The NDRF battalions are strategically located at 8 different locations in the country based on the vulnerability profile to cut down response time for their deployment. During the threatening proactive deployment of NDRF is being carried out by NDMA in consultation with the State Governments.

Table 33: Location of National Disaster Response Forces

SI No.	Battalion, Location	State	Man power drawn from	Contact Person	Contact No.
1	01 Bn, NDRF, Guwahati	Assam	BSF		
2	02 Bn, NDRF, Kolkata	West Bengal	BSF		
3	03 Bn, NDRF, Munduli	Odisha	CISF	Mr J. Kispotta	9437964571
4	04 Bn, NDRF, Arakkonam	Tamil Nadu	CISF		
5	05 Bn, NDRF, Pune	Maharashtra	CRPF		
6	06 Bn, NDRF, Gandhinagar	Gujrat	CRPF		
7	07 Bn, NDRF, Ghaziabad	Uttar Pradesh	ITBP		
8	08 Bn, NDRF, Bhatinda	Punjab	ITBP		
9	09, Bn, NDRF, Patna	Bihar	BSF		
10	10 Bn, NDRF, Vijayawada	Andhra Pradesh	CRPF		
11	11Bn, NDRF, Varanasi	Uttar Pradesh	SSB		
12	12 Bn, NDRF, Itanagar	Arunachal Pradesh	SSB		

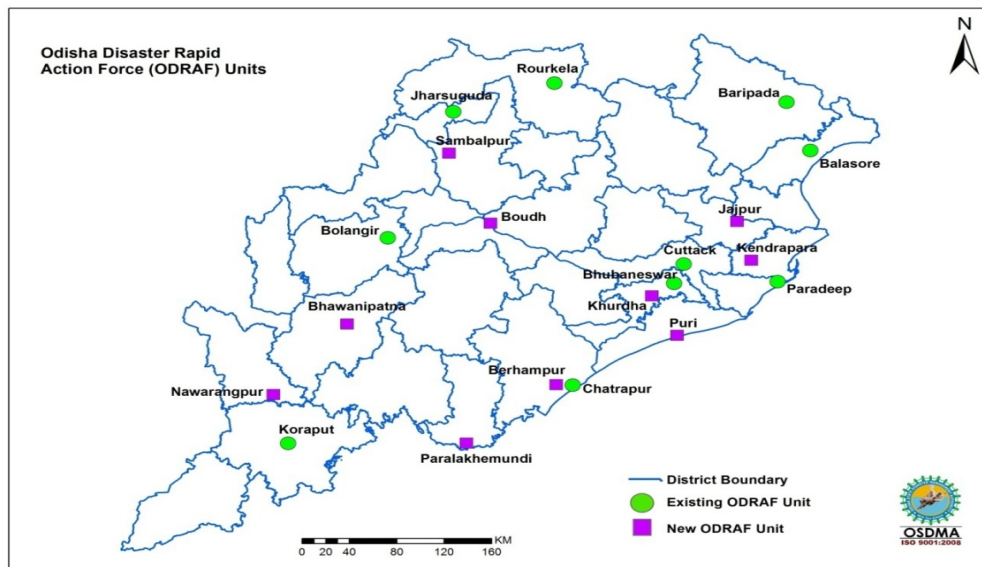
4.12 Odisha Disaster Rapid Action Force (ODRAF)

The Government of Odisha formed Odisha Disaster Rapid Action Force (ODRAF) vide notification no.939/CD dated 07.06.2001. ODRAF is a multi-disciplinary, multi-skilled, high-tech force for all types of disasters. ODRAF aims at reducing casualties, clearance of communication channels, quick deployment of personnel and equipments and minimize expenditure and time lag and support institutional arrangement. In 3 phases, ten units of ODRAF have been set up. The ODRAF units are strategically located throughout Orissa. Locations of these units are identified on the basis of vulnerability profile to cut down the response time for their deployment. The ODRAF Units do not have any geographical /territorial restrictions in terms of area of operation.

Table 34: Location of Odisha Disaster Rapid Action Force with contact details

Sl No.	Place	Personnel drawn from	Name of the Commandant	Contact No.
1	Cuttack	OSAP 6 th Bn, Cuttack	Shri Lingaraj Parida, OPS	98610-39267 06712442148
2	Jharsuguda	OSAP 2 nd Bn, Jharsuguda	Md.Zaheed, OPS	94371-76264 06645-270096 (O) 06645-270038 (R)
3	Koraput	OSAP 3 rd Bn, Koraput	B.M.Rao, OPS	94372-15519 (M) 06852-251344 (O) 06852-151335 (R)
4	Chatrapur	OSAP 8 th Bn, Chatrapur	Sri B.N.Mishra	94370-87055 comdt8thbn.orpol@nic.in
5	Balasore	Armed Police Reserve (APR), Balasore	Shri Nithi Sekhar, IPS	94381-53309 Spbls.orpol@nic.in
6	Bhubaneswar	OSAP 7 th Bn, Bhubaneswar	Shri Biren Ku. Sasmal, OPS1	94370-81266 comdt7thbn.orpol@nic.in
7	Baripada	OSAP 5 th Bn, Baripada	Shri Awinash Kumar, IPS	94381-53308 comdt5thbn.orpol@nic.in
8	Rourkela	OSAP 4 th Bn, Rourkela	Shri K.Gauda, OPS	9437358292 06612600434
9	Balangir	Armed Police Reserve, Balangir	Sri K. S. Subramani. IPS	9438916510
10	Jagatsinghpur	APR, Jagatsinghpur	Ms Sudha Sharma, IPS	9439440000 spjisp.orpol@nic.in

Map 7 : Location of ODRAF Units



4.13 Other Disaster Response Teams in the district

Table35_: List of other Disaster Response Teams in the District

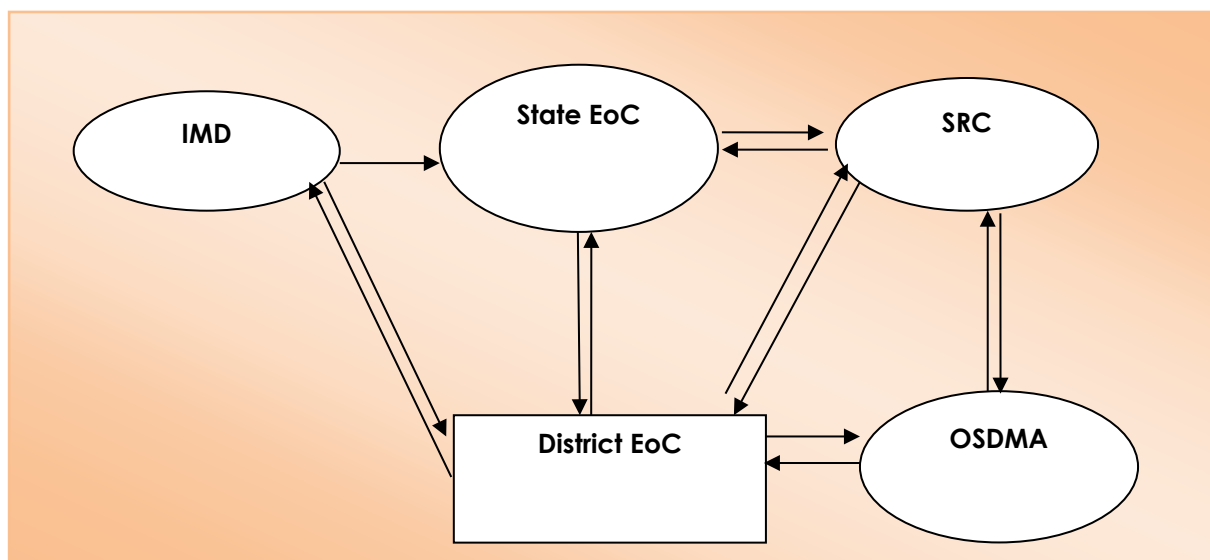
Sl. No.	Name of the Institutions	Name of the Chief Coordinator of the Organization	Designation	Contact Number	Alternate Contact Number	No. of Volunteers
1	Civil Defence	Mr Tej Ku. Ekka	Dy Controller of Civil Defence	8763443458		40
2	Home Guards	Mrs Sudha Sharma, IPS	Commandant	9439440000	9438916300	340
3	NSS	Sri R.N.Dash	District Coodinator			240
4	NCC	Sri P.K.Patnaik	District Coodinator			320
5	NYK	Sri Abhijit Bose	Dy. Director	7504662432	9861953859	20
6	Red Cross	Sri Mahendra Ku. Mohanty, OAS(SB)	Dist Secretary	9437181366	-	-
7	District Emergency Centre	Dr K.S.Dash, OAS	Dist Emergency Officer	9337193446	9937176714	200
8	Fire Services	Mr Tej Kumar Ekka	Ass. Fire Officer	8763443458		-

4.13.1 Emergency Communication System

State Emergency Operation Center (SEOC)

The State Emergency Operation Centre has been made operational at Rajiv Bhawan, Bhubaneswar with state of art communication net-work. The State EOC functions round the clock throughout the year. The Organisation is headed by the Special Relief Commissioner (SRC) who exercises all administrative and financial powers. He is assisted by a group of experienced officers and staff. During any natural disaster, the office functions round the clock in an emergency mode.

Figure 8 : Information flow chart from SEOC to Districts



4.13.2 District Emergency Operation Centers (DEOC)

This section is prepared to help the members of **District Emergency Operation Center (DEOC)** to understand the structure and functioning of District Control Room. Following the important Three **C's** i.e. **Command, Control and Communication** for effective response in an emergency, we will be able to minimize the hardships of the community and improve the quality of the process of recovery. This control room will be able to provide timely, supported and well thought – of interventions to the grass root staff as well as volunteers as it will be the hub of three C's.

The District Control Room / District Emergency Operation Center (DEOC) under the control of Collector & District Magistrate will operate round the clock and will be the nerve centre to

- ❖ Monitor, Review & Analysis
- ❖ Co-ordinate between the line departments
- ❖ Depute senior officers to the spots
- ❖ Relief operation
- ❖ Information sharing / Reporting to the Revenue Control Room, SRC Control Room & OSDMA control room
- ❖ Implement the actions/activities for Disaster Management.

Table 36: 3 Equipments provided to DEoC and their operational status

SI No.	Equipments	Unit	Status		Remarks
			Operational	Non-Operational	
1	Desktop Computer	03	03	00	
2	Laser Printer	03	03	00	
3	UPS	02	02	01	
4	Scanner	02	01	01	
5	Fax	00	00	00	
6	Ink Jet Printer	01	00	01	
7	Multi Utility Machine (Printer, Scanner, Fax, copy)	01	01	00	
8	Laptop	00	00	-	
10	LCD Projector	01	00	01	
11	Photocopier	02	01	01	
12	GPS Unit	00	00	-	
13	Satellite Phone	01	01	00	
14	VHF Sets	00	00	01	
15	VHF Mobile Station	00	00	00	
16	Walkie-Talkie (VHF hand Set)	00	00	00	
17	Portable Diesel Generator	01	01	00	
18	Inverter with Battery	01	01	00	
19	Inflatable Tower Light	02	01	01	
20	Power Saw	02	02	00	
21	Life Jacket	73	73	00	
22	Life Buoy	18	18	00	
23	Aluminum Ladder	00	00	00	
24	Fire Extinguisher	02	02	00	

25	Siren	01	01	00	
26	Megaphone	00	00	00	
27	Colour TV/Stand	01	01	00	
28	Mobile Phone	00	00	00	
29	Display Board	00	00	00	
30	White Broad	01	01	00	
31	Computer Table/Chair	02	02	00	
32	Rack	02	02	00	
33	Book Case	00	00	00	
34	GI Trunk	01	01	00	
35	Commando Search Light	01	00	01	
36	Steel Almirah	02	02	00	

Figure 9 : Information flow chart from District Emergency Operation Center (DEoC) to Villages with early warning

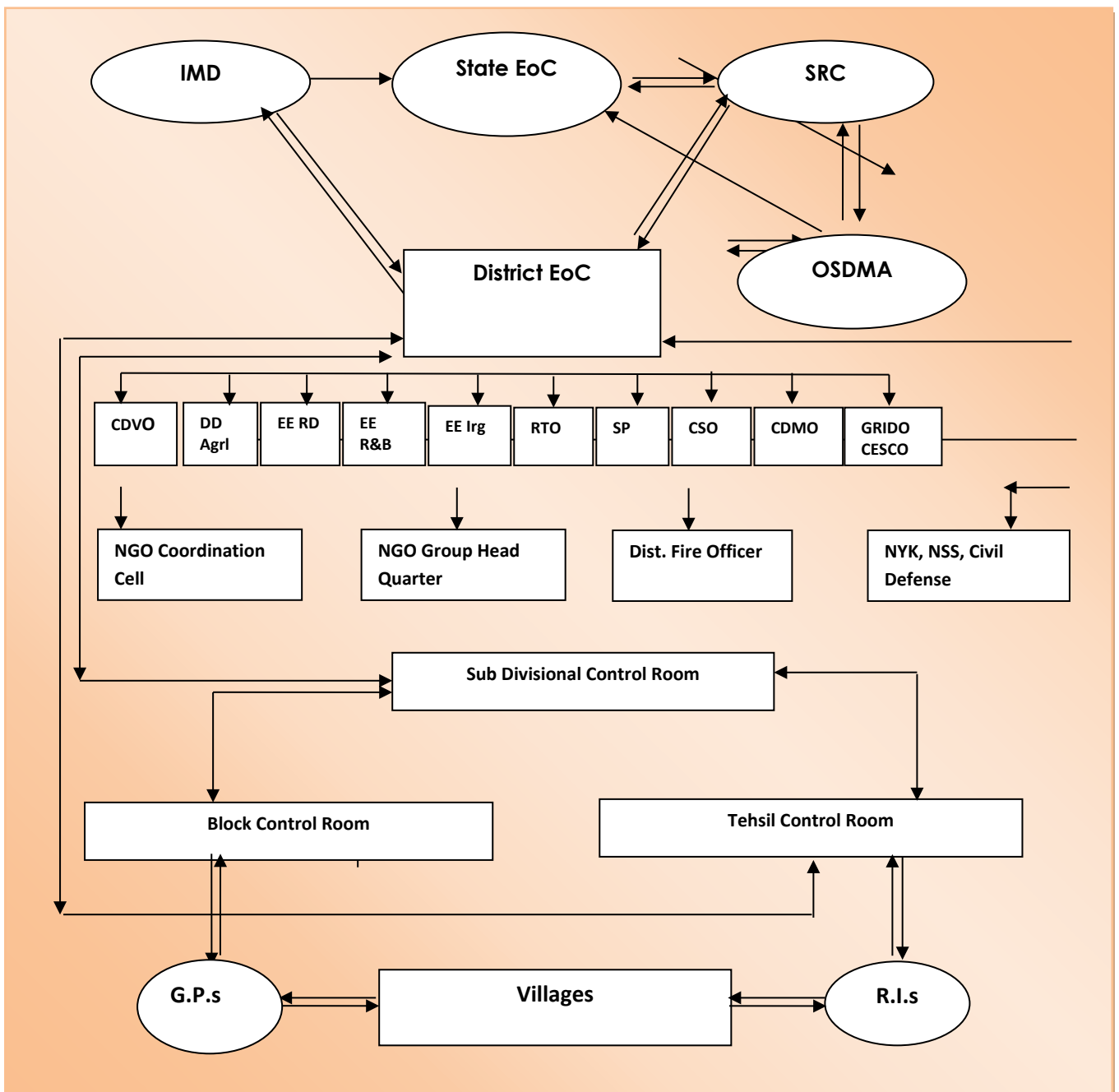
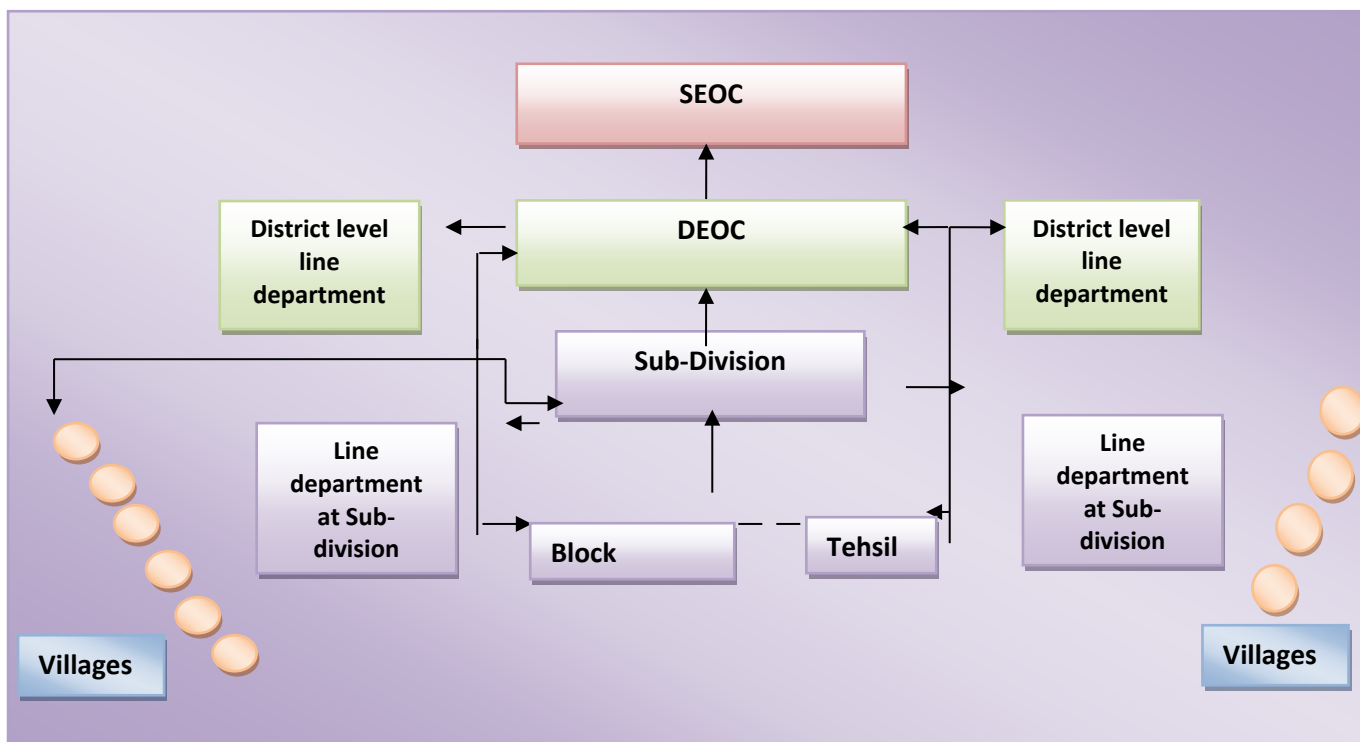


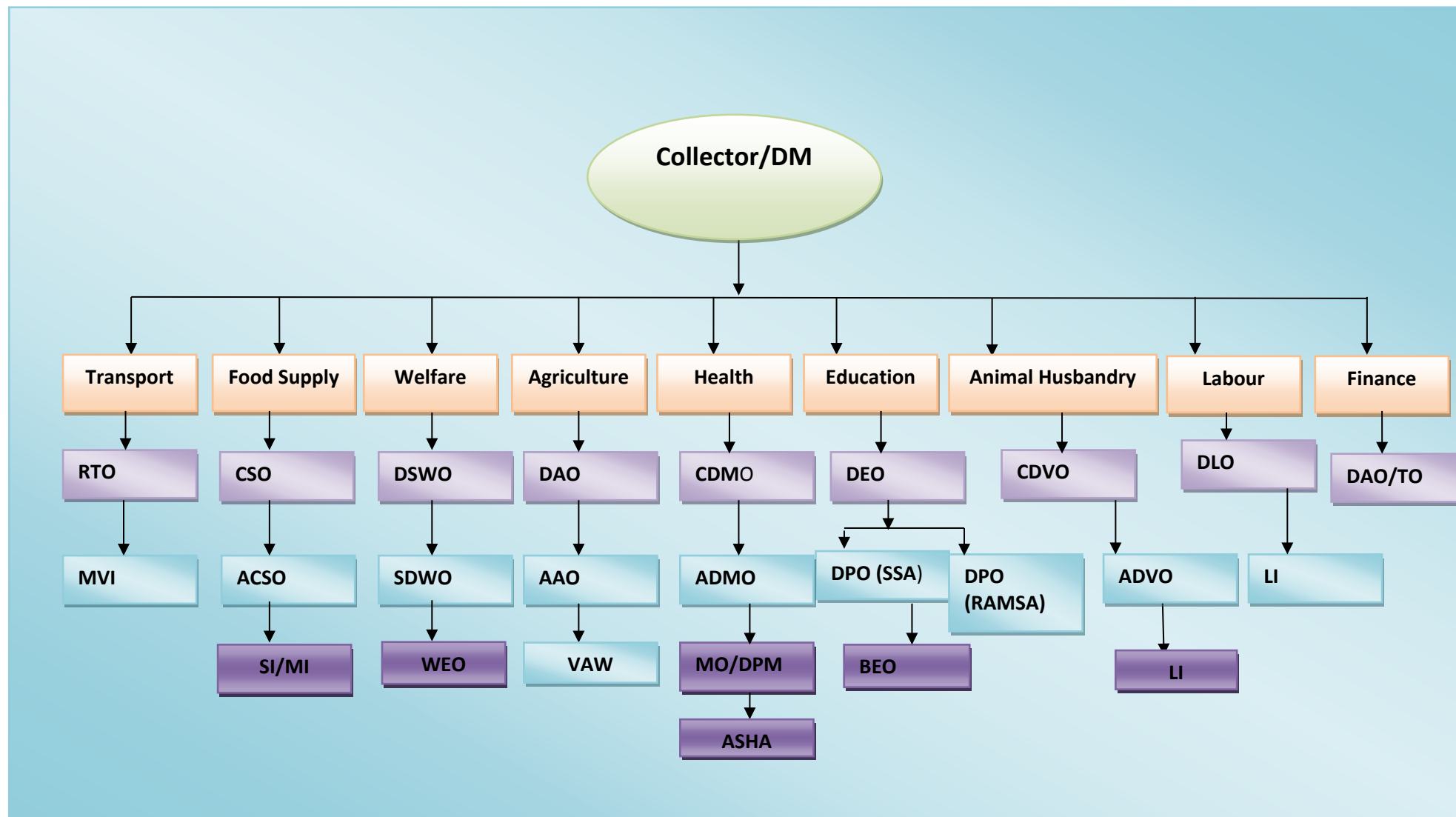
Table37 Important Line Departments at the District.

Sl No.	Department	Head of the Department at District	Name of the Nodal Officer	Contact No.
1	Police	SP	Mr Sudha Sharma, IPS	9439440000
2	Health	CDMO	Dr Ajay Ku. Baitharu	9439991868
3	Agriculture	DDA	Sri Rama Ch. Nayak	9861329866
4	Animal Resources	CDVO	Dr Ramesh Ch. Behera	9437153622
5	RWSS	Exe. Engineer	Sri Chitta Ranjan Jena	8280408043
6	R & B	Exe. Engineer		9437172574
7	Mass Education	DEO	Mrs Prativa Manjari Dash	9437533544
8	W & CD	DSWO	Smt Jayanti Behera	9437931750
9	Social Security	DSSO	Mr A. W. Khan	9937554370
10	Fire Services	AFO	Sri Tej Kumar Ekka	8763443458
11	Rural Development	Exe. Engineer	Sri Manoranjan Patnaik	9437255340
12	Drainage	Exe. Engineer	Sri Asish Ku Mishra	9853426725
13	Irrigation	Exe. Engineer	Sri Umakanta Mohanty	9777045198
14	Supply	CSO	Sri Dillip Ku Patra	9438200042
15	Transport	RTO	Sri Bijay Ku Nayak	9437015855

Figure 10 : Information flow chart from Villages to District Emergency Operation Center (DEoC) without Early Warning



4.13 Coordination structure at the District level and down the line



4.14 GO-NGO Coordination before and after disaster in the district

The role of NGOs remains crucial in all phases of disaster management namely relief, response, rehabilitation, reconstruction, recovery, preparedness and mitigation. Recent trends with respect to management of natural disasters have highlighted the role of Non-Governmental Organisations (NGOs) as a vital stakeholder in the relief and response efforts especially with respect to facilitating communication and coordination between the administration and the affected community. NGOs have grass-root presence and strong linkages with the communities and can readily respond to the needs of the affected community.

A district level GO-NGO taskforce is constituted in Jagatsinghpur district and institutionalized as a permanent and effective mechanism to regularly review the performance of partnership efforts at the district level. This Taskforce endeavours that all stakeholders are engaged in a spirit of cooperation, with the overall mandate of timely response and risk reduction. This task force also reviews the guidelines periodically and make appropriate actions to address emerging concerns. The taskforce also formulates District Specific Standard Operating Procedures (SOP) that would facilitate and strengthen collaborative efforts for various disaster management activities/functions. The taskforce promotes sharing of resources; expertise and good practices between stakeholders

NGOs in collaboration with the district administration organises joint consultations with the community members, elected representatives and the PRI members to strengthen the preparedness capacities of the community. Subsequent to the consultation, NGOs facilitating formation of Disaster Management Teams from among the community members and assist in linking them with the PRIs and the district administration. Based on the local context, the DM teams are formed on early warning dissemination, search and rescue, first-aid (public health), shelter maintenance, water and sanitation, relief and coordination, carcasses disposal, psycho-social support and damage assessment. NGOs are also facilitating appropriate representation of women in each of the DM teams

As part of the DM plan, NGOs in coordination with Local Government are striving hard to support the communities to prepare disaster specific Standard Operating Procedures (SOP) to be followed during disaster situations at the community level. NGOs are also trying to help the DM teams familiarise with the SOPs and the households, with the household preparedness checklist by conducting periodic mock drills jointly with the district administration.

NGOs with their long standing experience in the areas of community mobilisation, social inclusion and participatory approaches have become effective partners of district action planning and ensuring that the disaster management planning in a vulnerable geography like Jagatsinghpur district is inclusive for all resident and dependent communities regardless of their identity (caste, gender and ethnicity), economic backgrounds and physical abilities, to prepare and respond adequately to disasters.

4.15 Role of Corporate Sector in the district relating to Disaster Management

The corporate sector possesses huge resources—human, material, technical and financial – and has significant presence in the district. It also works and interacts with the community very closely and has an important stake in the well-being and prosperity of the community as its own progress and viability is largely dependent upon a resilient and safe community. The accountability of the corporate sector in terms of its Corporate Social Responsibility (CSR) has also increased as the value and reputation of a company is being increasingly adjudged by its social behavior and by its contribution to the economic well-being and development of the communities in which it operates.

Recognizing the importance of integrating the corporate sector in disaster prevention, mitigation and preparedness agenda, the district administration has been emphasizing upon “involvement of corporate sector in awareness generation and disaster preparedness and mitigation planning” through sensitization, training and co-opting of the corporate sector in planning process and response mechanisms. Looking into the gargantuan proportions of the challenge posed by recurring incidence of natural catastrophes in Jagatsinghpur district, association and involvement of corporate sector and their representative nodal organizations for initiating disaster risk management measures has been considered as integral to success of disaster management initiatives.

This is a very rich district of the state in terms of industrialization. The port town of the district has already emerged as the one of the country’s major investment hot spot by attracting investment in excess of the tune of 3.5 lakh crores including the Rs 2,74,134 crore Petroleum Chemicals and Petrochemical Investment Region (PCPIR)

Looking into the huge potential of corporate sectors in the district, the district administration has always tried to explore the domain for disaster management in the district. From construction of flood relief shelters and cyclone relief shelters to awareness activities the corporate sectors have been rightly utilized.

4.16 Public Private Partnership: Public & Private Emergency service facilities available in the district.

Table__Contact Details for Private emergency services

Sl. No.	Name of the Contact Person	Contact No.
1	Dr Kalyan Sourav Dash, OAS Deputy Collector (Emergency)	9337193446

4.17 Multi Purpose Cyclone Shelters (MCS) in the district

Table 38: Details of CSMMC

Sl No.	Name of the MCS	Location	Name of President	Contact No.	Name of Secretary	Contact No.
1	Badabandha	Kujanga	P.K.Sethy	9777911144	B.K.Swain	9583543387
2	Panapalli	Kujanga	P.K.Sethy	9777911144	S.K.Swain	9777830993
3	Nimidihi	Kujanga	M.R.Sahu	9040701780	B.B.Mohanty	7381825056
4	Fatepur	Kujanga	S.Lenka	9937959255	N.Pradhan	9777790123
5	Mangarajpur	Kujanga	P.Tripathy	7653081808	N.K.Rout	9861151237
6	Nuagarah	Kujanga	B.Sethy	9556174900	B.B.Rout	9938082031
7	Baulanga	Kujanga	L.K.Swain	9556600321	P.K.Mohanty	9938389797
8	Pipal	Kujanga	J.Swain	9937690778	J.Mohapatra	9777384049
9	Kankan	Erasama	S.Pradhan	8658589288	R.N.Giri	9938335191
10	Gobindapur	Erasama	S.Nayak	8018767191	R.K.Bardhan	9937772373
11	Nardia	Erasama	D.Gochhayat	7537952235	S.Mishra	9776226502
12	Sahadabedi	Erasama	K.C.Patra	9937427750	M.K.Mohanty	7894245167
13	Baghari	Erasama	S.Pradhan	8658589288	L.Mohanty	9556421348
14	Gadahareshpur	Erasama	B.S.Rout	9937327964	R.K.Khanda	9938028549
15	Dandabedi (Kusupur)	Balikuda	Ms M.M.Hati	9937893668	S. Manna	737772709
16	Samantarapur	Balikuda	MsTanuSethi	9938335211	D.Pradhan	7377162286
17	Bandar (Dhanuharbelari)	Balikuda	Ms Bharti Swain	9937495300	A.K.Mohanty	8455948862
18	Tarasahi	Balikuda	Ms Priyadarsini	7788891498	SampadBehera	9937506370
19	Ichhapur	Balikuda	Ms Bharti Swain	9937495300	J. Nayak	8763200552
20	Marichipur	Balikuda	Ms Bharti Swain	9937495300	J. Nayak	8763200552
21	Paradeepgarh (Cyclone Shelter-Cum-Godown)	Kujanga	Sri Ramesh Ch. Panda, OAS, Tahasildar, Kujanga	9776877978	Revenue Inspector, Paradeepgarh	9938355181

a) **Equipments provided to the MCS**

Table39: Details of equipments provided to MCS

SI No.	Name of the MCS	Location	Equipments Provided	Status		Remarks
				Operational	Non Operational	
1	Badabandha	Kujanga	Shelter Equipment	Yes	-	-
2	Panapalli	Kujanga	do	Yes	-	-
3	Nimidihi	Kujanga	do	Yes	-	-
4	Fatepur	Kujanga	do	Yes	-	-
5	Mangarajpur	Kujanga	do	Yes	-	-
6	Nuagarah	Kujanga	do	Yes	-	-
7	Baulanga	Kujanga	do	Yes	-	-
8	Pipal	Kujanga	do	Yes	-	-
9	Kankan	Erasama	do	Yes	-	-
10	Gobindapur	Erasama	do	Yes	-	-
11	Nardia	Erasama	do	Yes	-	-
12	Sahadabedi	Erasama	do	Yes	-	-
13	Baghari	Erasama	do	Yes	-	-
14	Gadaharishpur	Erasama	do	Yes	-	-
15	Dandabedi (Kusupur)	Balikuda	do	Yes	-	-
16	Samantarapur	Balikuda	do	Yes	-	-
17	Bandar (Dhanuharbelari)	Balikuda	do	Yes	-	-
18	Tarasahi	Balikuda	do	Yes	-	-
19	Ichhapur	Balikuda	do	Yes	-	-
20	Marichipur	Balikuda	do	Yes	-	-
21	Paradeepgarh (Cyclone Shelter-Cum-Godown)	Kujanga	do	Yes	-	-

4.18 Flood Shelters (FS) in the District

Table 40: Details of FSMMC

Sl No.	Name of the FS	Location	Name of President	Contact No.	Name of Secretary	Contact No.
1	Balijori FS	Balikuda	Niranjan Panda	94377780869	Rusa Ojha	9556470480
2	Tarasahi FS	Balikuda	Ms Priyadarshini	7788891498	Sampad Behera	9937506370
3	Sibantapur FS	Balikuda	Sri Sarat Sethi	9438351887	Prahallad Dash	9937256834
4	Bagalpur (A) FS	Biridi	Nibedita Mania	9668170575	Tarun Ku. Das	9861271981
5	Bagalpur (B) FS	Biridi	Nibedita Mania	9668170575	Arun Mallick	7504309459
6	Basandara FS	Biridi	Laxmidhar Bhoi	9777394318	S. Patnaik	9937554377
7	Sirasta FS	Tirtol	Manoj Behera	7682060811	R.C.Samal	9861798183
8	Bharagol FS	Tirtol	Abhay K Sahu	9861457879	S.S.Giri	9937417558
9	Porgadei FS	Tirtol	Ms Sunita	9777021477	P.K.Das	9668439612
10	Kolta FS	Tirtol	Basant Mohapatra	9437317395	Minu Behera	9438018624
11	Sankheswar FS	Tirtol	Krusha Das	9937376504	P. Behera	9556561928
12	Krishnanandapur	Tirtol	Golak Jena	9937740231	Azad Ahmed	9938356400
13	Saharadia FS	Kujanga	Pramod Swain	9861159506	J.K.Behera	9776725394
14	Zillanasi FS	Kujanga	Pramod Swain	9861159506	Manju Dei	9556475385
15	Gandakipu FS r	Kujanga	P.K.Parida	9937637346	D.K.Samal	9556217890
16	Badabalikani FS	Kujanga	G.R.Choudhry	7750087725	Loknath Sahuq	9437133110
17	Baneswar FS	Kujanga	Mihir Patnaik	9438287875	Dillip Parija	9556667426
18	Angeswarpada	Naugaon	A.K.Jena	9438182576	G.Puhana	9853111091
19	Dahibara FS	Erasama	Tapan Gochhayat	9178195112	Budheswar Das	8658958018
20	Guamunda FS	Erasama	Jayanti Swain	9777052890	Papuni Pradhan	9438400615
21	Bhajakhia FS	Erasama	Susama Swain	993817477	Himansu Mandal	9178972170

Table 41: Details of equipments provided to FS

SI No.	Name of the MCS	Location	Equipments Provided	Status		Remarks
				Operational	Non Operational	
1	Balijori FS	Balikuda	Shelter Equipment	Yes		
2	Tarasahi FS	Balikuda	Do	Do		
3	Sibantapur FS	Balikuda	Do	Do		
4	Bagalpur (A) FS	Biridi	Do	Do		
5	Bagalpur (B) FS	Biridi	Do	Do		
6	Basandara FS	Biridi	Do	Do		
7	Sirasta FS	Tirtol	Do	Do		
8	Bharagol FS	Tirtol	Do	Do		
9	Porgadei FS	Tirtol	Do	Do		
10	Kolta FS	Tirtol	Do	Do		
11	Sankheswar FS	Tirtol	Do	Do		
12	Krishnanandapur	Tirtol	Do	Do		
13	Saharadia FS	Kujanga	Do	Do		
14	Zillanasi FS	Kujanga	Do	Do		
15	Gandakipu FS r	Kujanga	Do	Do		
16	Badabalikani FS	Kujanga	Do	Do		
17	Baneswar FS	Kujanga	Do	Do		
18	Angeswarpada	Naugaon	Do	Do		
19	Dahibara FS	Erasama	Do	Do		
20	Guamunda FS	Erasama	Do	Do		
21	Bhajakhia FS	Erasama	Do	Do		

4.19 Other identified Safe temporary shelters in the district

Tabl 42_: Identified Safe temporary shelters

SI No.	Block	GP	Village	Name of the Institutions/Buildings	Type of Roof	No. of Rooms (Size)	No. of Toilets (M/F)	Availability of Kitchen	Total useable area
At Annexure-III									

CHAPTER – 5: : PREVENTION & MITIGATION MEASURES

5.1 Ways & Means to prevent or reduce the impact of various disasters:

5.2 Structural Measures:

Sl. No.	Name of the Department/ Office	Activity/ Project	Starting date	Date of completion	Cost	Funding Source
-	-	-	-	-	-	-
-	-	-	-	-	-	-

5.3 Non-structural Measures:

Sl. No.	Name of the Department/ Office	Activity/ Project	Starting date	Date of Completion	Cost	Funding source
1	SRC	EWDS	-	Continuing	-	World Bank
2	OSDMA	Aapada Mitra	-	-	-	NDMA

5.4 Scope for integrating different schemes for Disaster Risk Reduction (DRR) Activities

Sl. No.	Scheme	Possible activities for DRR
1	MGNREGS	<ul style="list-style-type: none"> • <i>Cross Drainage Works:- Construction of causeways and culverts sufficient for carrying water more than historical records to prevent flash floods in downstream villages</i> • <i>Public safety norms and constructions in places of worship and mass gathering</i>
2	SBM/ RWSS	<ul style="list-style-type: none"> • <i>Drinking Water:</i> <ul style="list-style-type: none"> ▪ <i>Habitations to be covered under pipe water supply scheme</i> ▪ <i>Water supply in scarcity areas in during summer season</i> ▪ <i>Raising of hand pumps in flood prone areas</i> ▪ <i>Repair/ Replacement of non-functional hand pumps</i> • <i>Sanitation:</i> <ul style="list-style-type: none"> ▪ <i>Community Mobilization</i> ▪ <i>Construction of Toilets</i> ▪ <i>Municipal Waste Management</i> ▪ <i>Sewerage System in ULBs</i>
3	Watershed	<ul style="list-style-type: none"> • <i>Soil erosion control and riverbank stabilization</i> • <i>Soil conservation works.</i> • <i>Water harvesting</i>
4	NHM	<ul style="list-style-type: none"> • <i>Immunization</i> • <i>Preventive measures against vector borne diseases</i>
5	Horticulture Mission	<ul style="list-style-type: none"> • <i>Plantation: River bank plantation, AR, ANR, Hill Slope Plantation, Fodder Plantation, Agro forestry etc.</i>
6	NFSM	<ul style="list-style-type: none"> • <i>Risk Transfer: Crop insurance/ livestock insurance</i>
7	SDRF	<ul style="list-style-type: none"> • <i>Construction of multipurpose cyclone and flood shelters</i> • <i>Road and Highway Stabilization</i> • <i>Bridge abutment stabilization</i> • <i>Awareness generation programmes on disaster prevention and mitigation</i> • <i>Mainstreaming Disaster Risk Reduction (DRR) in development activities</i>
8	Road Safety Society	<ul style="list-style-type: none"> ▪ <i>Removal of hoardings before specified cyclone period</i> ▪ <i>Prevention of Road Accidents:</i> <ul style="list-style-type: none"> ○ <i>Putting up of signage in accident prone zones</i> ○ <i>Light reflectors</i> ○ <i>Diversion boards for roads and bridges</i> ○ <i>Repair of potholes & construction of Speed breakers</i>
9	ATMA	<ul style="list-style-type: none"> • <i>Trimming of trees and shrubs and removal of damaged and decayed parts of trees close to localities and critical infrastructure</i> • <i>Measures against animal depredation- Trenching/ Fencing</i>
10	MP LAD	<ul style="list-style-type: none"> • <i>Protection of Roads, Culverts and Bridges against flood- grass plantation</i> • <i>Repair and Maintenance of Embankments against flooding and erosion. Retrofitting of vulnerable spots to prevent embankment breaches</i>

CHAPTER – 6: CAPACITY BUILDING MEASURES:

6.1 Approach

Developing a DDMP without building capacity or raising awareness amongst stakeholders can be detrimental to the development of a successful and sustainable plan. Stakeholders and communities are critical components to a successful, long-term, sustainable disaster management plan. Capacity Building develops and strengthens skills, competencies and abilities of both Government and non-government officials and communities to achieve their desired results during and after disasters, as well as preventing hazardous events from becoming disasters

Developing institutional capacity is very important. At the same time, by making the local community part of the process and solution would help in ensuring that disaster mitigation measures are more likely to be implemented and maintained over time.

6.2 Capacity Building of Govt. Officials, PRI Members etc.:

Sl. No.	Name of the Course/ Training Programme	Participants	Duration of the Training Programme	Month of Organization	To be Organized by	Remarks if any
1.	Sensitization of PRI members on disaster management.	Newly elected Members of ZP, Chairman & Vice Chairman of PS.	1 day	June	DDMA/ Collector	
2	Block level training programmes on role of PRIs in disaster management	Newly elected Sarapanchas & PS members	1 day	June	BDO	
3	Sensitization of ZKSS and BKSS members on basics of disaster management for creating community level awareness	ZKSS and BKSS members	1 day	July	District Culture Officer	
4	Crop management during natural calamities	Farmer's Organizations/ATMA	1 day	July	DDA	
5	Hospital preparedness and mass casualty management including hospital management plan	Medical Officers and Hospital Administrators	1 day	August	CDMO	
6	Training programme on treating heat wave related health issues	Medical Officers and Paramedical Staff/ ANMs	1 day	August	CDMO	
7	Mass Casualty Management.	Para Medics/Police/ RPF/Home Guard/ Fire & Civil Defence	1 day	August	DDMA	

8	Post disaster damage assessment	AEs of all Blocks and line departments	1 day	Sept.	DDMA	
9	GIS mapping of Utilities	Block CP, Line Deptt MIS officials	1 day	Sept.		
10	Public health in emergencies- safe drinking water and sanitation	All BDOs, Block and district level officials of PHED/ RWSS	1 day	Oct.	CDMO	
11	Training of teachers on school safety including DM plan and conduct of Mock Drills	Principal/ Head Masters of all Govt. & Private Institutions	1 day	Oct.	DEO	
12	Training of ZKSS and BKSS members on basics of disaster management and creating community level awareness for dos and don'ts related to common disasters.	ZKSS and BKSS members	1 day	Nov.	District Culture Officer/ DIPRO	
13	Search & rescue and safe evacuation.	Civil Defence Volunteers, NSS, NYK Volunteers, NCC	5 days	June	SP/ Asst. Commandant of the nearest ODRAF unit.	
14	Role of Media in Disaster Management	Media Personal	1 day	Nov.	DIPRO	

6.3 Tabletop Exercise:

Each year in the 1st week of April, Collector to organize a tabletop exercise involving all district and block level key officials to assess the emergency response plans for various disasters.

6.4 District/ Block level Mock Drills:

Periodic mock drills to be organized involving district and block level officials/ institutions to assess the capacity and preparedness to face certain disasters. All recommendations and findings will be incorporated in updating of DDMP.

Sl. No.	Type of Mock Drill	Officials/ Institutions to be involved	Month/ Date	Remarks
1	Tsunami	Block & Tahsil officials	September	
2	Flood	Block & Tahsil officials	July	
3	Cyclone	Block & Tahsil officials	June	
4	Industrial Accidents/ Industry Specific Mock drills	Officials of Industries, Block & Tahsil officials	December	

6.6 Community Capacity Building and Community Based Disaster Management:

Sl. No.	Block Name	No. of vulnerable villages to be covered	No. of VDMC and task force member to be oriented	No. NGOs to be involved in the process	Time line	Remarks
1	Erasama	10	150	01	July	
2	Kujanga	10	150	01	July	
3	Balikuda	05	75	01	August	

6.7 Capacity building of Cyclone and Flood Shelter Maintenance & Management Committee and Task Force members:

Sl. No.	Name of the Training Programme	Total No. of Persons to be trained	No. of Training Programmes to be organized	Time Line	Remarks if any
1	Orientation of CSMMC and FSMMC	450	15	July-Jan	
2	Training of task force members on Search & Rescue and First Aid	450	15	July-Jan	
3	Training of Taskforce members and CSMMC & FSMMC members of effective management of cyclones	90	03	July-Sept	

6.8 Shelter level mock drills:

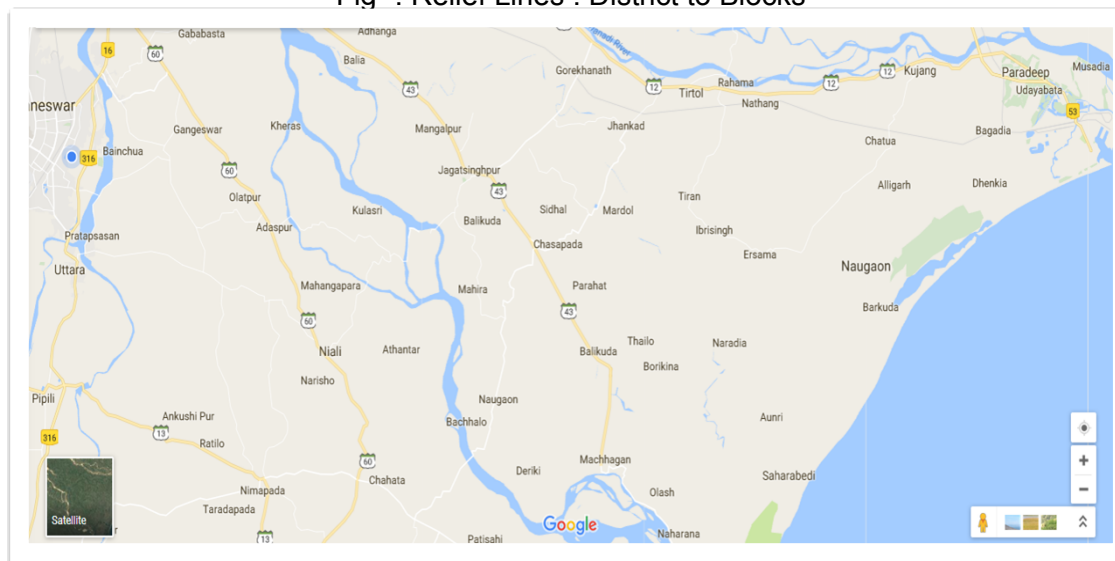
Sl. No.	Type	No. of Cyclone/ Flood Shelters to be covered	No. of villages to be covered.	Month/ Date
1	Cyclone Mock drill	33	33	July-Dec
2	Tsunami Mock drill	24	24	July-Oct
3	Flood Mock drill	33	33	July-Oct

CHAPTER – 7: PREPAREDNESS

7.1 Relief Lines : District to Blocks

Sl. No	Name of the Road		Type of Road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (Blocks)
	From	To			
	Jagatsinghpur	Balikuda	All weather Black Top Road/ 20 km	-	Jagatsinghpur, Biridi, Balikuda
	Jagatsinghpur	Biridi	All weather Black Top Road/ 36 km	-	Jagatsinghpur, Biridi,
	Jagatsinghpur	Erasama	All weather Black Top Road/ 35 km	-	Jagatsinghpur, Tirtol, Erasama
	Jagatsinghpur	Kujang	All weather Black Top Road/ 28 km	-	Jagatsinghpur, Tirtol, Kujang
	Jagatsinghpur	Naugaon	All weather Black Top Road/ 30 km	-	Jagatsinghpur, Naugaon
	Jagatsinghpur	Raghunathpur	All weather Black Top Road/ 35 km	-	Jagatsinghpur, Raghunathpur
	Jagatsinghpur	Tirtol	All weather Black Top Road/ 20 km	-	Jagatsinghpur, Tirtol

Fig- : Relief Lines : District to Blocks



7.2 Relief Line Channels : **Block to GPs & Villages**

Sl. No	Name of the Road		Type of Road & Length	Vulnerability of the route (Description of the Vulnerability)	Coverage (In Nos.)	
	From	To			Village	Population
1	Jagatsinghpur	alipingal	Blacktop / 20	Flood vulnerable by River Devi	08	1350
2	Jagatsinghpur	Alla	Blacktop / 18	Flood vulnerable by River Devi		
3	Jagatsinghpur	Ayar	Blacktop / 22	Flood vulnerable by River Devi		
4	Jagatsinghpur	balarampur	Blacktop / 08	Flood vulnerable by River Devi		
5	Jagatsinghpur	jahanpur	Blacktop / 12	Flood vulnerable by River Devi		
6	Jagatsinghpur	Jankoti	Blacktop / 14	Flood vulnerable by River Devi		
7	Jagatsinghpur	josobantapur	Blacktop / 07	Flood vulnerable by River Devi		
8	Jagatsinghpur	kaduapara	Blacktop / 12	Flood vulnerable by River Devi		
9	Jagatsinghpur	Kantilo	Blacktop / 08	Flood vulnerable by River Devi	06	1100
10	Jagatsinghpur	khairang	Blacktop / 09	Flood vulnerable by River Devi		
11	Jagatsinghpur	madhusudanpursasan	Blacktop / 12	Flood vulnerable by River Devi		
12	Jagatsinghpur	mandasahi	Blacktop / 10	Flood vulnerable by River Devi		
13	Jagatsinghpur	mudupur	Blacktop / 17	Flood vulnerable by River Devi		
14	Jagatsinghpur	odiso	Blacktop / 08	Flood vulnerable by River Devi		
15	Jagatsinghpur	palasol	Blacktop / 06	Flood vulnerable by River Devi		
16	Jagatsinghpur	palli	Blacktop / 11	Flood vulnerable by River Devi		
17	Jagatsinghpur	patasara	Blacktop / 08	Flood vulnerable by River Devi	07	1300
18	Jagatsinghpur	patenigaon	Blacktop / 10	Flood vulnerable by River Devi		
19	Jagatsinghpur	piteipur	Blacktop / 13	Flood vulnerable by River Devi		
20	Jagatsinghpur	punanga	Blacktop / 12	Flood vulnerable by River Devi		
21	Jagatsinghpur	rambhadeipur	Blacktop / 14	Flood vulnerable by River Devi		
22	Jagatsinghpur	sabhamul	Blacktop / 07	Flood vulnerable by River Devi	12	1900
23	Jagatsinghpur	salijanga	Blacktop / 12	Flood vulnerable by River Devi		
24	Jagatsinghpur	samanga	Blacktop / 08	Flood vulnerable by River Devi		
25	Jagatsinghpur	sanpur	Blacktop / 09	Flood vulnerable by River Devi		
26	Jagatsinghpur	singarpur	Blacktop / 12	Flood vulnerable by River Devi		
27	Jagatsinghpur	taradapada	Blacktop / 10	Flood vulnerable by River Devi		

28	Jagatsinghpur	tartanga	Blacktop / 17	Flood vulnerable by River Devi		
29	Jagatsinghpur	tumba andeisahi	Blacktop / 09	Flood vulnerable by River Devi		
30	Balikuda	garam	Blacktop / 12	Flood vulnerable by River Devi		
31	Balikuda	arilo	Blacktop / 10	Flood vulnerable by River Devi		
32	Balikuda	ichhapur	Blacktop / 17	Flood vulnerable by River Devi		
33	Balikuda	kalio	Blacktop / 08	Flood vulnerable by River Devi		
34	Balikuda	krushnadaspur	Blacktop / 06	Flood vulnerable by River Devi		
35	Balikuda	alabola	Blacktop / 11	Flood vulnerable by River Devi		
36	Balikuda	sangrampur	Blacktop / 08	Flood vulnerable by River Devi		
37	Balikuda	nagpur	Blacktop / 10	Flood vulnerable by River Devi		
38	Balikuda	adhanga	Blacktop / 13	Flood vulnerable by River Devi		
39	Balikuda	mulagaon	Blacktop / 12	Flood vulnerable by River Devi		
40	Balikuda	balikuda	Blacktop / 14	Flood vulnerable by River Devi		
41	Balikuda	baharana	Blacktop / 07	Flood vulnerable by River Devi		
42	Balikuda	alavor	Blacktop / 12	Flood vulnerable by River Devi		
43	Balikuda	tandikul	Blacktop / 08	Flood vulnerable by River Devi		
44	Balikuda	thailo	Blacktop / 09	Flood vulnerable by River Devi		
45	Balikuda	ambasal	Blacktop / 12	Flood vulnerable by River Devi		
46	Balikuda	rahana	Blacktop / 10	Flood vulnerable by River Devi		
47	Balikuda	machhagaon	Blacktop / 09	Flood vulnerable by River Devi		
48	Balikuda	tarasahi	Blacktop / 12	Flood vulnerable by River Devi	07	1250
49	Balikuda	titira	Blacktop / 10	Flood vulnerable by River Devi		
50	Balikuda	borikina	Blacktop / 17	Flood vulnerable by River Devi		
51	Balikuda	badagaon	Blacktop / 08	Flood vulnerable by River Devi		
52	Balikuda	baramundali	Blacktop / 06	Flood vulnerable by River Devi		
53	Balikuda	apandara	Blacktop / 11	Flood vulnerable by River Devi		
54	Balikuda	oskana	Blacktop / 06	Flood vulnerable by River Devi		
55	Balikuda	kusupur	Blacktop / 11	Flood vulnerable by River Devi		
56	Balikuda	naharana	Blacktop / 08	Flood vulnerable by River Devi		
57	Balikuda	marichipur	Blacktop / 10	Highly prone to Cyclone & Tsunami	04	750

58	Balikuda	khalagaon	Blacktop / 13	Highly prone to Cyclone & Tsunami		
59	Balikuda	anantapur	Blacktop / 12	Highly prone to Cyclone & Tsunami		
60	Tirtol	amberi	Blacktop / 14	Highly prone to Cyclone & Tsunami		
61	Tirtol	birtol	Blacktop / 07	Highly prone to Cyclone & Tsunami		
62	Tirtol	bisanpur	Blacktop / 12	Highly prone to Cyclone & Tsunami		
63	Tirtol	dainlo	Blacktop / 08	Flood vulnerable to River Mahanadi	12	2300
64	Tirtol	gopalpur	Blacktop / 09	Flood vulnerable to River Mahanadi		
65	Tirtol	gopalpur (s)	Blacktop / 12	Flood vulnerable to River Mahanadi		
66	Tirtol	kanimul	Blacktop / 10	Flood vulnerable to River Mahanadi		
67	Tirtol	krushnanandapur	Blacktop / 17	Flood vulnerable to River Mahanadi	09	1450
68	Tirtol	mulisingh	Blacktop / 09	Flood vulnerable to River Mahanadi		
69	Tirtol	patilo	Blacktop / 12	Flood vulnerable to River Mahanadi		
70	Tirtol	samantaraur	Blacktop / 10	Flood vulnerable to River Mahanadi		
71	Tirtol	sanra	Blacktop / 06	Flood vulnerable to River Mahanadi		
72	Tirtol	jadatira	Blacktop / 11	Flood vulnerable to River Mahanadi		
73	Tirtol	kolara	Blacktop / 08	Flood vulnerable to River Mahanadi		
74	Tirtol	manijanga	Blacktop / 10	Flood vulnerable to River Mahanadi	06	950
75	Tirtol	poragadei	Blacktop / 13	Flood vulnerable to River Mahanadi		
76	Tirtol	tarajanga	Blacktop / 12	Flood vulnerable to River Mahanadi	05	820
77	Tirtol	tirtol	Blacktop / 14	Flood vulnerable to River Mahanadi		
78	Tirtol	bodhei	Blacktop / 17	Flood vulnerable to River Mahanadi		
79	Tirtol	govindpur	Blacktop / 08	Flood vulnerable to River Mahanadi		
80	Tirtol	kanakpur	Blacktop / 06	Flood vulnerable to River Mahanadi		
81	Tirtol	kostimallikapur	Blacktop / 11	Flood vulnerable to River Mahanadi		
82	Tirtol	garama	Blacktop / 08	Flood vulnerable to River Mahanadi		
83	Tirtol	ibrisingh	Blacktop / 10	Flood vulnerable to River Mahanadi		
84	Tirtol	jagannathpur	Blacktop / 13	Flood vulnerable to River Mahanadi		
85	Tirtol	katara	Blacktop / 12	Flood vulnerable to River Mahanadi		
86	Tirtol	tulanga	Blacktop / 14	Flood vulnerable to River Mahanadi		
87	Raghunathpur	gualipur	Blacktop / 07	Flood vulnerable to River Mahanadi	11	1950

88	Raghunathpur	jaysola	Blacktop / 12	Flood vulnerable to River Mahanadi		
89	Raghunathpur	jagannathpur	Blacktop / 08	Flood vulnerable to River Mahanadi		
90	Raghunathpur	tarikund	Blacktop / 09	Flood vulnerable to River Mahanadi		
91	Raghunathpur	tarpur	Blacktop / 12	Flood vulnerable to River Mahanadi	04	600
92	Raghunathpur	dhardarpur	Blacktop / 10	Flood vulnerable to River Mahanadi		
93	Raghunathpur	puranodapada	Blacktop / 09	Flood vulnerable to River Mahanadi	09	1550
94	Raghunathpur	baragol	Blacktop / 12	Flood vulnerable to River Mahanadi		
95	Raghunathpur	raghunathpur	Blacktop / 10	Flood vulnerable to River Mahanadi		
96	Raghunathpur	adheikul	Blacktop / 17	Flood vulnerable to River Mahanadi		
97	Raghunathpur	eradanga	Blacktop / 08	Flood vulnerable to River Mahanadi		
98	Raghunathpur	chikinia	Blacktop / 06	Flood vulnerable to River Mahanadi	06	1150
99	Raghunathpur	purunabasanta	Blacktop / 11	Flood vulnerable to River Mahanadi		
100	Raghunathpur	chhapada	Blacktop / 06	Flood vulnerable to River Mahanadi	07	1100
101	Raghunathpur	tanra	Blacktop / 11	Flood vulnerable to River Mahanadi		
102	Raghunathpur	bidyadharpur	Blacktop / 08	Flood vulnerable to River Mahanadi	10	1800
103	Raghunathpur	radhanga	Blacktop / 17	Flood vulnerable to River Mahanadi		
104	Raghunathpur	redhua	Blacktop / 08	Flood vulnerable to River Mahanadi		
105	Raghunathpur	sadeipur	Blacktop / 06	Flood vulnerable to River Mahanadi		
106	Naugaon	alana	Blacktop / 11	Flood vulnerable to River Mahanadi		
107	Naugaon	bachhalo	Blacktop / 08	Flood vulnerable to River Devi	05	900
108	Naugaon	banso	Blacktop / 10	Flood vulnerable to River Devi	08	1550
109	Naugaon	dabar	Blacktop / 13	Flood vulnerable to River Devi		
110	Naugaon	deriki	Blacktop / 12	Flood vulnerable to River Devi		
111	Naugaon	gajarajpur	Blacktop / 14	Flood vulnerable to River Devi		
112	Naugaon	galadhari	Blacktop / 07	Flood vulnerable to River Devi	08	1450
113	Naugaon	ghodanso	Blacktop / 12	Flood vulnerable to River Devi		
114	Naugaon	jamugaon	Blacktop / 08	Flood vulnerable to River Devi		
115	Naugaon	korua	Blacktop / 09	Flood vulnerable to River Devi		
116	Naugaon	naugaon	Blacktop / 12	Flood vulnerable to River Devi		
117	Naugaon	nuagaon	Blacktop / 10	Flood vulnerable to River Devi		

118	Naugaon	osakana	Blacktop / 09	Flood vulnerable to River Devi		
119	Naugaon	rohia	Blacktop / 12	Flood vulnerable to River Devi	06	1100
120	Naugaon	sikhar	Blacktop / 10	Flood vulnerable to River Devi		
121	Naugaon	tiruna	Blacktop / 17	Flood vulnerable to River Devi		
122	Erasama	krushnachandrapur	Blacktop / 10	Flood vulnerable to River Devi		
123	Erasama	naradia	Blacktop / 17	Flood vulnerable to River Devi		
124	Erasama	paida	Blacktop / 09	Flood vulnerable to River Devi		
125	Erasama	pallikanta	Blacktop / 12	Flood vulnerable to River Devi		
126	Erasama	pokhariapara	Blacktop / 10	Flood vulnerable to River Devi		
127	Erasama	sompur	Blacktop / 06	Flood vulnerable to River Devi		
128	Erasama	ambiki	Blacktop / 11	Highly vulnerable to Cyclone & Tsunami	09	1850
129	Erasama	gadabishunpur	Blacktop / 08	Highly vulnerable to Cyclone & Tsunami		
130	Erasama	goda	Blacktop / 10	Highly vulnerable to Cyclone & Tsunami		
131	Erasama	jankadeipur	Blacktop / 13	Highly vulnerable to Cyclone & Tsunami		
132	Erasama	padmapur	Blacktop / 12	Highly vulnerable to Cyclone & Tsunami	06	1400
133	Erasama	bhitarandhari	Blacktop / 14	Highly vulnerable to Cyclone & Tsunami		
134	Erasama	erasama	Blacktop / 17	Highly vulnerable to Cyclone & Tsunami		
135	Erasama	japa	Blacktop / 08	Highly vulnerable to Cyclone & Tsunami		
136	Erasama	jirailo	Blacktop / 06	Highly vulnerable to Cyclone & Tsunami		
137	Erasama	kunjakothi	Blacktop / 11	Highly vulnerable to Cyclone & Tsunami	05	1200
138	Erasama	nuadihi	Blacktop / 08	Highly vulnerable to Cyclone & Tsunami		
139	Erasama	baleipur	Blacktop / 10	Highly vulnerable to Cyclone & Tsunami		
140	Erasama	balitutha	Blacktop / 13	Highly vulnerable to Cyclone & Tsunami		
141	Erasama	bamdeipur	Blacktop / 10	Highly vulnerable to Cyclone & Tsunami		
142	Erasama	chatua	Blacktop / 17	Highly vulnerable to Cyclone & Tsunami		
143	Erasama	dhinkia	Blacktop / 09	Highly vulnerable to Cyclone & Tsunami	09	1900
144	Erasama	garahkujanga	Blacktop / 12	Highly vulnerable to Cyclone & Tsunami	06	1400
145	Erasama	gadavarishpur	Blacktop / 10	Highly vulnerable to Cyclone & Tsunami	07	1250
146	Erasama	nuagaon	Blacktop / 06	Highly vulnerable to Cyclone & Tsunami	08	1700
147	Biridi	adhangamajurai	Blacktop / 11	Vulnerable to Rivers Devi & Biluakhai		

148	Biridi	adhangagarh	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
149	Biridi	alandu	Blacktop / 10	Vulnerable to Rivers Devi & Biluakhai		
150	Biridi	arana	Blacktop / 13	Vulnerable to Rivers Devi & Biluakhai		
151	Biridi	badakhandeita	Blacktop / 12	Vulnerable to Rivers Devi & Biluakhai		
152	Biridi	bagalpur	Blacktop / 14	Vulnerable to Rivers Devi & Biluakhai		
153	Biridi	baredia	Blacktop / 17	Vulnerable to Rivers Devi & Biluakhai		
154	Biridi	basandara	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
155	Biridi	batimira	Blacktop / 06	Vulnerable to Rivers Devi & Biluakhai		
156	Biridi	budhapada	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
157	Biridi	daradagram	Blacktop / 06	Vulnerable to Rivers Devi & Biluakhai		
158	Biridi	gopinathpur	Blacktop / 11	Vulnerable to Rivers Devi & Biluakhai		
159	Biridi	hajipur	Blacktop / 06	Vulnerable to Rivers Devi & Biluakhai		
160	Biridi	kulakaijanga	Blacktop / 11	Vulnerable to Rivers Devi & Biluakhai		
161	Biridi	manguli	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
162	Biridi	Puran	Blacktop / 17	Vulnerable to Rivers Devi & Biluakhai		
163	Biridi	sadheisan	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
164	Biridi	sankhapur	Blacktop / 06	Vulnerable to Rivers Devi & Biluakhai		
165	Biridi	sibapur	Blacktop / 11	Vulnerable to Rivers Devi & Biluakhai		
166	Biridi	ukundara	Blacktop / 08	Vulnerable to Rivers Devi & Biluakhai		
167	Biridi	uttarsasan	Blacktop / 10	Vulnerable to Rivers Devi & Biluakhai		
168	Kujanga	badabalikani	Blacktop / 13	Vulnerable to River Mahanadi		
169	Kujanga	bagoi	Blacktop / 12	Vulnerable to River Mahanadi		
170	Kujanga	hansura	Blacktop / 14	Vulnerable to River Mahanadi		
171	Kujanga	kathakot	Blacktop / 07	Vulnerable to River Mahanadi		
172	Kujanga	mallasahi	Blacktop / 12	Vulnerable to River Mahanadi		
173	Kujanga	pankapal	Blacktop / 08	Vulnerable to River Mahanadi		
174	Kujanga	patapur	Blacktop / 09	Vulnerable to River Mahanadi		
175	Kujanga	zillanashi	Blacktop / 12	Vulnerable to River Mahanadi		
176	Kujanga	banito	Blacktop / 10	Vulnerable to River Mahanadi		
177	Kujanga	garei	Blacktop / 09	Vulnerable to River Mahanadi		

178	Kujanga	gorada	Blacktop / 12	Vulnerable to River Mahanadi		
179	Kujanga	pandua	Blacktop / 08	Vulnerable to River Mahanadi		
180	Kujanga	potanai	Blacktop / 06	Vulnerable to River Mahanadi		
181	Kujanga	sailo	Blacktop / 11	Vulnerable to River Mahanadi		
182	Kujanga	talapada	Blacktop / 06	Vulnerable to River Mahanadi		
183	Kujanga	balia	Blacktop / 11	Vulnerable to River Mahanadi		
184	Kujanga	fatepur	Blacktop / 08	Vulnerable to River Mahanadi		
185	Kujanga	gandakipur	Blacktop / 17	Vulnerable to River Mahanadi		
186	Kujanga	gopiakud	Blacktop / 08	Vulnerable to River Mahanadi		
187	Kujanga	kujanga	Blacktop / 06	Vulnerable to River Mahanadi		
188	Kujanga	mangarajpur	Blacktop / 08	Vulnerable to River Mahanadi		
189	Kujanga	bagadia	Blacktop / 06	Vulnerable to River Mahanadi		
190	Kujanga	bhutmundai	Blacktop / 11	Vulnerable to River Mahanadi		
191	Kujanga	biswali	Blacktop / 06	Vulnerable to River Mahanadi		
192	Kujanga	kothi	Blacktop / 11	Vulnerable to River Mahanadi		
193	Kujanga	nuagada	Blacktop / 08	Vulnerable to River Mahanadi		
194	Kujanga	paradeepgarh	Blacktop / 17	Vulnerable to River Mahanadi		

7.3 Resources available : Response force & Volunteers

Sl. No	Response Force/	Capacity (In Nos.)	No. of trained person			Name of Nodal Person	Contact Details (Mobile)
			Search /Rescue	First Aid	Relief line Clearance		
1	NDRF	-	-	-	-	-	-
2	ODRAF	40	40	40	40	Ms Sudha Sharma, IPS	9439440000
3	Police	740	740	740	740	Ms Sudha Sharma, IPS	9439440000
4	Home Guards	314	314	314	314	Ms Sudha Sharma, IPS	9439440000
5	Civil Defense	-	-	-	-	Sri Tej Ku Ekka	8763443458
6	NCC	420	420	420	420	Sri B. B Dash	-
7	NSS	280	280	280	280	Sri P.K.Nanda	-
8	NYK	80	80	80	80	Sri R.N.Tripathy	9861953859
9	Trained Task force	2000	1000	1000	1000	Dr K. S. Dash, OAS	9337193446
10	Aapada Mitra	200	200	200	200	Dr K. S. Dash, OAS	9337193446

7.4 Preparedness at District level:

Task	Activity
District Emergency operation Centre (DEOC)	<ul style="list-style-type: none"> • Test Checkup of all communication Interfaces in regular interval • Proper manning of the Control Room as per Para-10 of the Odisha Relief Code • A dedicated vehicle must be earmarked for Control Room
Upward & Downward Communication	<ul style="list-style-type: none"> • Have a list of Nodal person with contact details • Establish regular linkages with all important stakeholders • Contact SEOC regularly
Meeting of DDMA (Heads of the department & stakeholder)	<ul style="list-style-type: none"> • DDMA must meet twice every year & before any disaster • Fix time & venue for regular Preparedness meeting to Assess preparedness of District /Department /Civil Society /Block Community /Family /Individual level regularly • Circulate the minutes of the meeting with clear-cut role & responsibility
Capacity Building	<ul style="list-style-type: none"> • Identifying & designating Nodal Officer for different Dept. • Capacity building & skill upgradation of ODRAF/Fire services/ Police/Home Guard • Identify Volunteer like Civil Defense/Cyclone shelter Task Force/NCC/NSS/Scout & Guide & train them on Search & Rescue, First aid, evacuation etc. • Take stake of required materials for search & rescue, first aid, casualty management, evacuation, relief etc. & update IDRN portal regularly • Assess preparedness through Mock drill at District, Block & Community level
Shelter Management	<ul style="list-style-type: none"> • Take necessary steps for operation & maintenance of shelters • Test Check of various Equipment at shelter level & repair of the defective ones • Ensure regular meeting of Shelter committee • Assess Shelter level preparedness through Mock drill I
Planning & Reporting	<ul style="list-style-type: none"> • Collect & transmit Rain fall data regularly • Collect & transmit weather report regularly • Ensure preparation of Disaster Management Plans & Safety plans at all levels • Capacity building of all Stake holders • Integrate the District plan with block & Village disaster management Plans • Develop healthy media partnership

7.5 Preparedness at Community Level

Task	Activity
Early Warning Dissemination	<ul style="list-style-type: none"> • Build regular linkages with BEOC & DEOC • Test Check of various Equipment at shelter level & repair of the defective ones • Keep updates from BEOC/DEOC • Monitor & Transmit updates to BEOC • Supply required information to BEOC & DEOC
Ensuring Preparedness	<ul style="list-style-type: none"> • Have a list of Nodal person deployed in the village with contact details • Identification of safer routes & shelters • Identify possible ways to reach persons like Farmers/Fisherman/NTFP collectors etc. who ventures into fields, sea & forest respectively • Build teams from among the task force on Search & Rescue, First aid, Damage & loss assessment • Assess preparedness at Family/Individual level • Test Check-up of equipment's
	<ul style="list-style-type: none"> • Understand Local dynamics exposed & vulnerable to different disaster • local Social Economic & weather conditions • Develop Village DM plan • List of emergency contact Nos. & display it in Centre places. • Participate in the activities of Preparing village Disaster Management, developing Safety plans, Capacity building Programmes & Mock Drills

7.6 Preparedness at Family Level

Task	Activity
Warning Communication	<ul style="list-style-type: none"> • List the minimum Important requirements Keep all the important Documents in a water proof polythene • Record the Safe & alternative routes to shelter • Keep News update in Radio/TV
Preparedness	<ul style="list-style-type: none"> • Always keep in readiness a “Ready to go Emergency Kit” containing Dry food (for 72 hours x Family member), Drinking water (2ltr/per person per day), Hand wash/soap, Important Documents/Valuables, Whistle/match box/lighter/ torch/battery/ umbrella, Mobile & charger / radio • Family must have a “Ready to go First Aid Kit” containing Iodine/ Band aids/ Cotton/ Medicines/ ORS/ ointments/ scissor/ halogens etc. • Assess preparedness on a regular basis by checking Radio/Mobile/ Emergency Kit/First Aid Kit/Fuels & Kerosene (as per need) • Replace the damaged outdated or expired materials with new ones.
Capacity Building	<ul style="list-style-type: none"> • Participate & involve in the activities of village disaster Management plan, preparation of Safety plans, participate in Capacity building Programmes & involve in Mock Drills

7.7 Preparedness at Individual Level

Task	Activity
Early Warning Dissemination	<ul style="list-style-type: none">• List & keep a ready to go minimum Important requirements• Record the Safe & alternative routes to shelter• Keep News update in Radio/TV
Ensuring Preparedness	<ul style="list-style-type: none">• Every individual/children must have a Personal Identity information like a copy of Aadhar card/ Voter ID / School Identity Card & Contact numbers of Preferably two who can be contacted in time of emergency• Family members especially kids must be sensitized about family gathering point during disaster & crowded places• Assess preparedness on a regular basis by checking Radio/Mobile/ Emergency Kit/First Aid Kit/Fuels & Kerosene (as per need)
Capacity development	<ul style="list-style-type: none">• Participate & involve in the activities of• Disaster Management• Safety plans• Capacity building Programmes• Mock Drills & FAMEX

7.8 Preparedness of Departments :

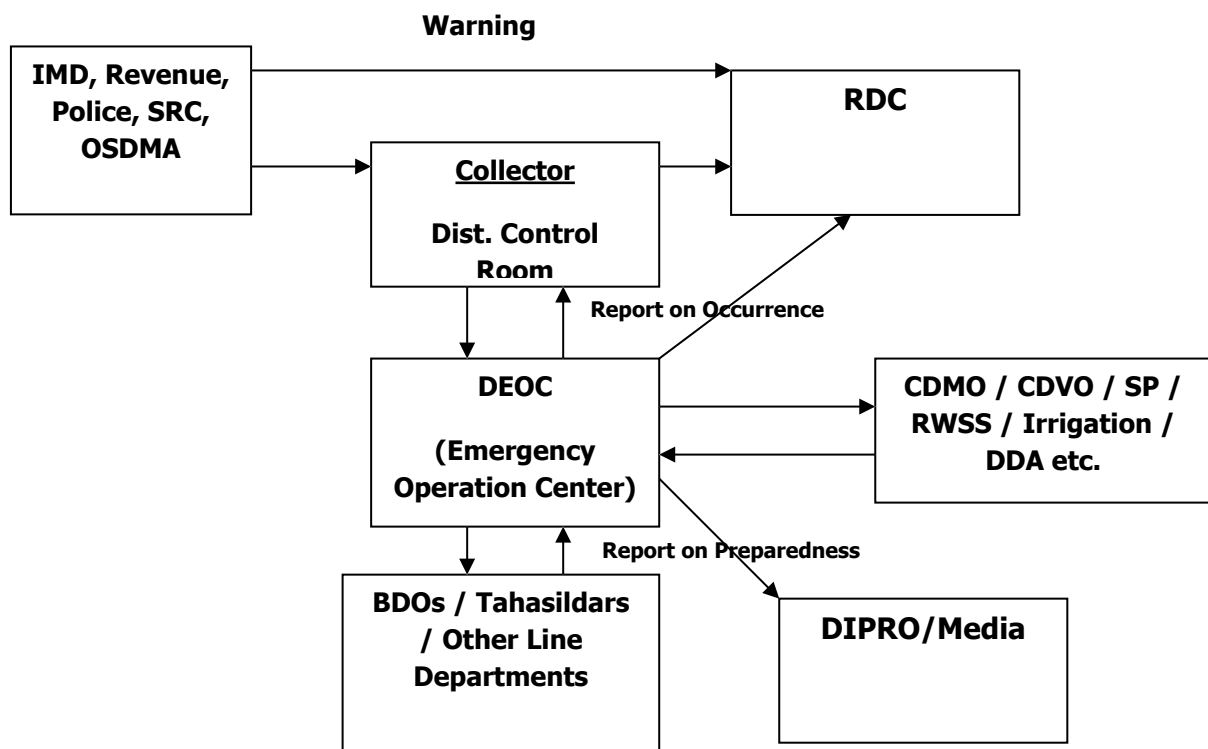
Name of the Department	Normal Time
Collector/ADM / Emergency Officer	<ul style="list-style-type: none"> • Ensure regular meetings of District Disaster Management Authority • Develop & update Disaster Management Plan, carry out Hazard analysis in the district • Identify safe alternate routes to cyclone shelters. • Keep a list of Contacts of EoCs, Nodal officer of different departments, Important stake holders, Village leaders, shelters • List of Relief lines & storage places • List & maintenance of SAR equipment • Capacity building of stakeholders & volunteers • Asses preparedness through Mock Drills for different disasters at district department, block & community level • Adopt sustainable mitigation measures • Integrate DM & DRR features in development programmes
CDMO	<ul style="list-style-type: none"> • Disaster Management Plans & Safety plans for Hospitals • Capacity building of Medical & Para Medical Staffs • Assess preparedness through Mock Drills & familiar exercises • Integrate department plans with plans with Village & Block Plans and development programmes • Develop media partnership • Develop capacity of hospitals with advance equipment, proper manning & disaster resilient infrastructures
Superintendent of Police (SP)	<ul style="list-style-type: none"> • Deployment of police staff at risk point • Arrangement for the safety of property of the people. • Arrange rescue kits. • Support Block staff and volunteers during evacuation operation • Assist fire brigade personnel in their efforts • Maintain law and order situation
EE- RWSS	<ul style="list-style-type: none"> • Supply of drinking water • Supply of poly pack containing safe drinking water • Distribution of halogen tablets • Informing community particularly the evacuees regarding use of safe drinking water • Lab-testing of drinking water if necessary • Sticking red and green stickers respectively for the polluted and safe drinking water sources especially tube

	<p>wells</p> <ul style="list-style-type: none"> • Bleaching of drinking water sources
EE- Irrigation	<ul style="list-style-type: none"> • Deployment of concerned staff to update information regarding water level and velocity of flowing water in the rivers as well as about possible breaches, scorings, piping, seepages etc. • Ensure deployment of country boats at vulnerable points. • Rain recording and submission of report to District Control Room. • Identification of vulnerable points and possible beaches. • Arrangement of sand bags and other necessary material and equipments • Repairing of vulnerable roads and embankments • Guarding vulnerable roads and embankments
DAO- Agriculture	<ul style="list-style-type: none"> • Follow the instruction of Dist. Liaison Officer • Contact the circle office or central control room if machines, equipments, vehicles, man power, technical personnel are required to restore the agricultural activities • Collect the details of loss of crops to send it to the dist. administration • Prepare the primary survey report of crop loss in the area and will send the same to dist. EOC and also to the administrative head • Assess the crop loss and report the same to collector and SRC with details of financial assistance required
EE- Rural Works	<ul style="list-style-type: none"> • Details of building, vehicles, and equipments as well as the names of the contractors having vehicles and equipments • Maps of vulnerable areas of approach & alternative road • Assignment of duties at the time of emergency and a officer rank of Asst. Engineer to coordinate with DEOC • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC
EE- Public Works	<ul style="list-style-type: none"> • Details of building, vehicles, and equipments as well as the names of the contractors having vehicles and equipments • Maps of vulnerable areas of approach & alternative road • Assignment of duties at the time of emergency and a officer rank of Asst. Engineer to coordinate with DEOC • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC

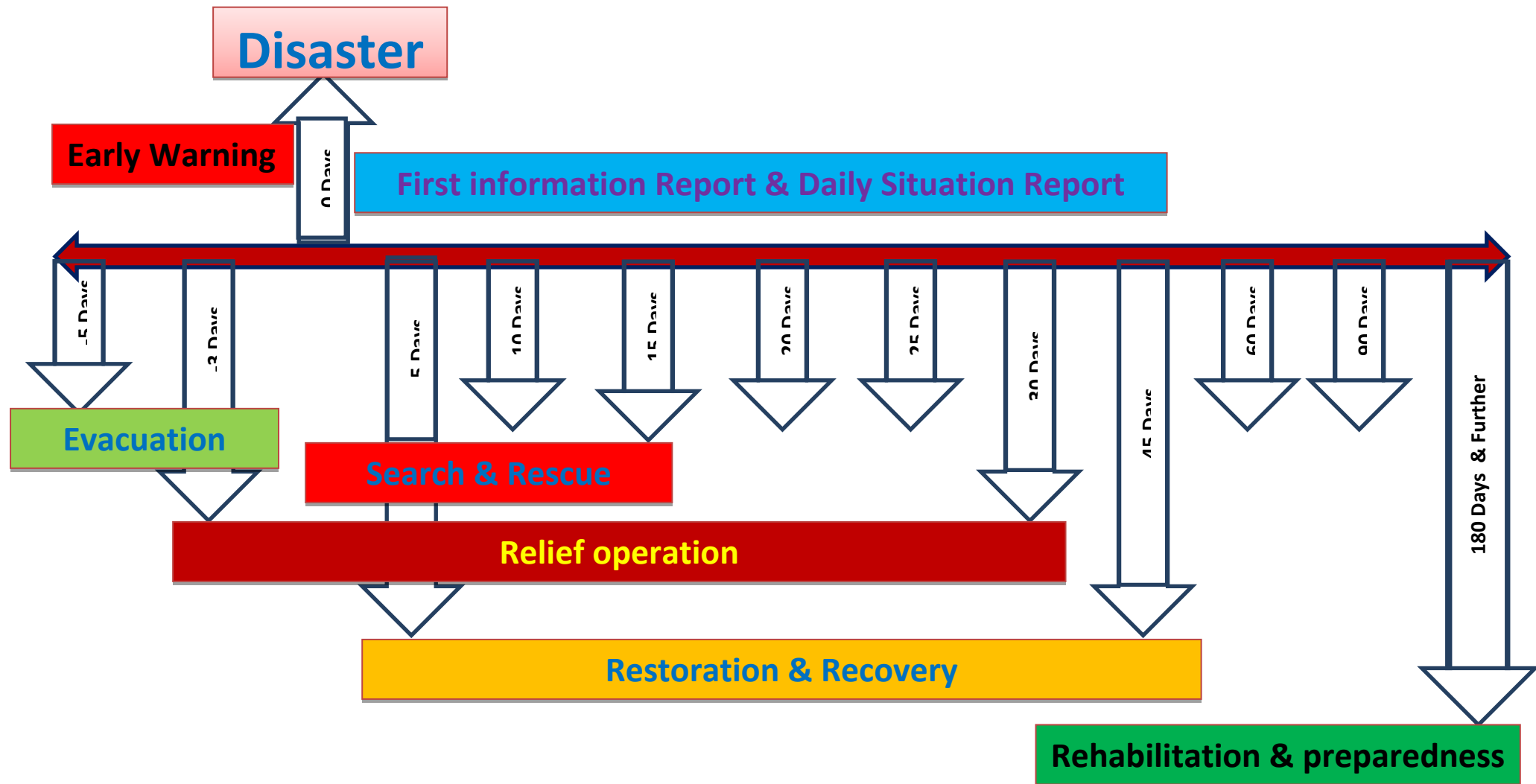
DTO-Telecom	<ul style="list-style-type: none"> • Restoring the telephone lines • Restoring emergency telephones immediately
CDVO	<ul style="list-style-type: none"> • Information dissemination to concerned quarters (Sub-Divisional Vet. Officer) • Maintenance of regular flow of information • Co-ordination with village volunteers and villagers to search and rescue trapped animals • Provide first aid to the affected animals record keeping • Supply of medicines and cattle feed record keeping • Distribution of disinfectants where cattle reside
RTO/MVI	<ul style="list-style-type: none"> • Arrangement of adequate vehicles for relief supply
DFO-	<ul style="list-style-type: none"> • Approach road under forest department and their condition including bridges, causeways, railway crossings, etc. • Inspection of damage prone roads, bridges, check dams, causeways, under forest department • Assignment of duties to staff members and allocation of areas • Arrangement for wireless, telephones, manpower, forest guard in advance to disseminate the information of the disaster in damage prone areas and will play a vital role in warning dissemination • Advance arrangement for fuel wood and bamboos for priority needs
Railway	<ul style="list-style-type: none"> • Clearance of railway lines
EE- Electricity	<ul style="list-style-type: none"> • Arrangement of alternative energy sources such as generators and fuel for generators • Replacement of weak electric poles/wires • Checking and correcting private connections • Stockpiling of necessary equipments and accessories • Disconnection of electricity to the affected areas • Uninterrupted power supply to the Medical/Block Office and other Important institutes • Damage assessment and transmission of the same to higher authorities • Quick installation/repair of damaged infrastructures • Early restoration of power supply to the affected areas
EE – PHED	<ul style="list-style-type: none"> • Details of vehicles, and equipments as well as the names of the contractors having vehicles and equipments • Maps of vulnerable areas of approach & alternative road • Assignment of duties at the time of emergency and a officer rank of Asst. Engineer to coordinate with DEOC • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC

8. RESPONSE

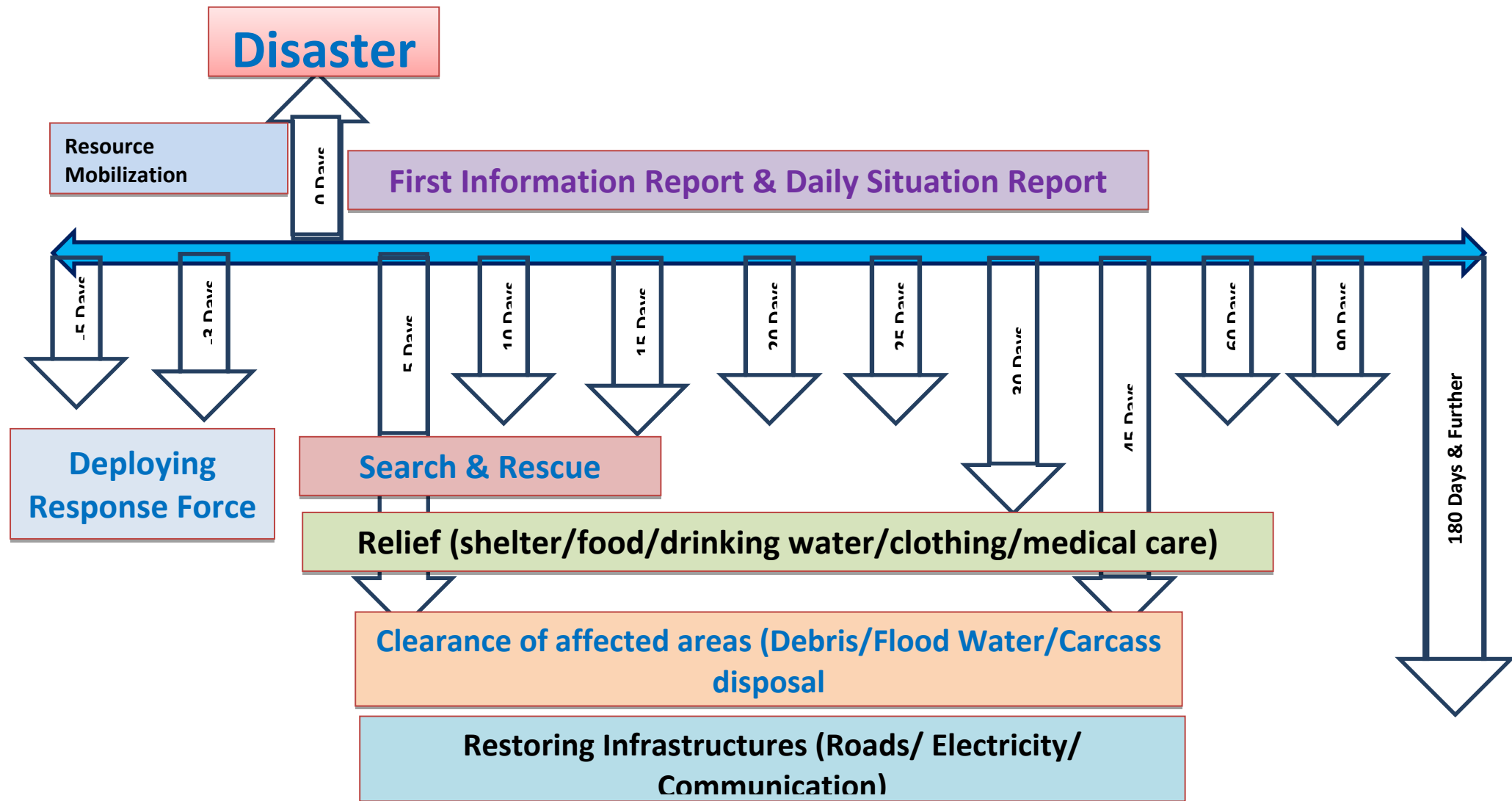
Response planning provides rapid and disciplined incident assessment to ensure a quickly scalable, adaptable and flexible response. It incorporates National and State response doctrine, which defines basic roles and responsibilities for incident response across all levels of government and the private sector. Response refers to activities done for handling disaster to bring the situation to normalcy not exceeding fifteen days from the abatement of disaster. The onset of an emergency creates the need for time sensitive actions to save life and property, reduce hardships and suffering, and restore essential life support and community systems, to mitigate further damage or loss and provide the foundation for subsequent recovery. Effective response planning requires realistic identification of likely response functions, assignment of specific tasks to individual response agencies, identification of equipment, supplies and personnel required by the response agencies for performing the assigned tasks. A response plan essentially outlines the strategy and resources needed for search and rescue, evacuation, etc.



8.1 Phases of Response : Timeline



8.2 Relief Management: Timeline



Response

8.3 Response: At District Level

Task	Activity
Warning Communication	<ul style="list-style-type: none"> Warning dissemination to the list of Nodal person & concerned BDOs Recording the receipt of information & regular Status update Transmitting updates to SEOC in regular interval as instructed
Meeting of DDMA (Heads of the department & stakeholder)	<ul style="list-style-type: none"> Collector to take up a department coordination meeting & distribute works among all the Departments Collector issues circular to keep Govt. offices open cancelling all holidays. A fixed time to be finalized every day for reporting at all level. A nodal officer is identified for media management Circulate the minutes of the meeting with clear-cut role & responsibility
Pre-positioning of staff, resources & Evacuation	<ul style="list-style-type: none"> Identifying & designating Nodal Officer for different stages of disaster & affected areas. Positioning of ODRAF/NDRF/Fire services/ Police/Home Guard in the affected areas Pooling Volunteer services (Civil Defense/Task Force/NCC/NSS/Scout & Guide) Take stock of required materials for search & rescue, first aid, casualty management, evacuation, relief etc. Make necessary arrangements of shelters for evacuation Constitute a special team for special care to vulnerable section like Specially abled, Sr. Citizen, Pregnant & lactating women, Infants & children etc.
Response	<ul style="list-style-type: none"> EOCs to Ensure back up (Power/Fuel/internet/ Communication at Dist/Dept. & Block levels Response force under guidance of Nodal officers ensure complete Evacuation (Human/ Animal), carry out Search & Rescue, clear relief lines, Collector to submit requisition of vehicle/boat/ helicopters & list of support from state & Centre to all concerned authorities CSO to store required relief materials (Chhuda. Gur, Dry Foods) in the nearby storage points CDVO to store, transport & distribute required fodders for animals to the affected areas
	<ul style="list-style-type: none"> Cyclone shelter committee & Village Disaster management committee to organize free kitchen in the shelters with help of revenue dept. EE- RWSS & CDMO to ensure supply of drinking water, disinfection of water & maintain Health & hygiene in the shelters CDMO to carry out First aid & casualty management <ul style="list-style-type: none"> Collector to collect & transmit First Information Report (FIR) & Daily Situation Report as per requirement

8.4 Response : Community Level

Activity	
<ul style="list-style-type: none">• DEOC to disseminate warning communication to BEOC & Community• Response force to ensure Power/Fuel/internet/ Communication at Shelters back up• Supply Inspectors & Marketing Inspectors to distribute relief materials with response force, Task force & volunteers• Response force to carry out Search & Rescue measures, Emergent relief operation, Relief line clearance, distribution of relief• Doctors to carry out First aid & casualty management, Carcass disposal & sufficient mortuary facility in the affected areas	

8.5 Response: Family & Individual Level

Task	Activity
Response	<ul style="list-style-type: none">• Listen to the instruction of the response force & warnings• Economic use of "Ready to go Emergency Kit" Ready to go First Aid Kit• Cooperate the response force/officers & Render volunteer service if asked for• Maintain cleanliness & hygiene at shelter

8.6 Response: Standard Operating Procedures for Departments

Name of the Department	On Receiving Warning	Response time	Post Disaster
Collector/ADM / Emergency Officer	<ul style="list-style-type: none"> Review the situation in DDMC Activate EOC & Early Warning Work distribution for operation Circular to keep offices open Arrange vehicle & activate Evacuation (Normal/Forceful) 	<ul style="list-style-type: none"> Activate Search & Rescue Arrange temporary shelters Arrange logistics in shelters Workout financial estimates (evacuation / relief /recovery) 	<ul style="list-style-type: none"> Activate relief line clearance Proper relief Distribution Start damage assesment Facilitate Ex-gratia & Compensation Start primary damage estimate Pool resources for SAR/shifting of critical patients
CDMO	<ul style="list-style-type: none"> Disseminate the alert to all concerned (Staff list) Arrangement of medicine, First aid kits & teams Mobile Health units for inaccessible pockets Identifying & shifting patients requiring intensive care to safer places Supply of medicines & pre-positioning of medical teams to vulnerable areas Vaccination for prevention of communicable diseases Measures to dis –infect drinking water Availability of Blood Banks/Ambulance 	<ul style="list-style-type: none"> Mass Casualty Management units & Triage First Aid Centers Medical surgical teams Adequate mortuary facility Measures to shift patients requiring intensive care Pool of Blood donors (Preferably each group) Additional laboratories Carcass disposal team & units 	<ul style="list-style-type: none"> Psycho-Social Counseling Post Disaster Disease surveillance system Special attention to vulnerable section Networking with & promote treatment in Private Hospitals Carcass Management & Issuance of Death Certificate
Superintendent of Police (SP)	<ul style="list-style-type: none"> Deployment of police staff at risk point Arrangement for the safety of property of the people Arrange rescue kits Support staff and volunteers during evacuation operation Assist fire brigade personnel in their efforts Maintain law and order situation 	<ul style="list-style-type: none"> Support Block staff and volunteers during evacuation operation Assist fire personnel in their efforts Deploy Constables to different flood/ cyclone shelters Assist district administration in supply and distribution of relief materials. Escort relief carrier vehicle and personnel 	<ul style="list-style-type: none"> Deploy police personnel near relief godowns Assist fire personnel in their efforts Deploy Constables to different flood/ cyclone shelters Assist district administration in supply and distribution of relief materials.

EE- RWSS	<ul style="list-style-type: none"> • Arrangement of water tankers • Procurement collection of water purifiers • Stockpiling of accessories • Repairing the defunct tube-wells • Raising platforms/height of the tube wells in low-lying areas. 	<ul style="list-style-type: none"> • Supply of drinking water • Supply of poly pack containing safe drinking water • Distribution of halogen tablets • Informing community particularly the evacuees regarding use of safe drinking water 	<ul style="list-style-type: none"> • Withdrawal of temporary tube-well installed near shelter sites • Use of bleaching powder • Checking/washing/repairing of tube-wells to put it back to its normal condition • Use of bleaching powder
EE- Irrigation	<ul style="list-style-type: none"> • Deployment of concerned staff to update information regarding water level and velocity of flowing water in the rivers as well as about possible breaches, scorings, piping, seepages etc. • Ensure deployment of country boats at vulnerable points. • Rain recording and submission of report to District Control Room. • Identification of vulnerable points and possible beaches. • Arrangement of sand bags and other necessary material and equipments • Repairing of vulnerable roads and embankments 	<ul style="list-style-type: none"> • Guarding vulnerable roads and embankments • Repairing piping and seepages found in vulnerable points. Arrangement of materials for repair of roads and breaches in the embankment for post disaster operation 	<ul style="list-style-type: none"> • Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work • Proposal to the government for repair and restoration
DAO- Agriculture	<ul style="list-style-type: none"> • Preparation of Contingency Plan with Database of Staff and contact numbers • Maps showing details of agricultural resource laboratory, seed center, agriculture trg. points with statistical data • Action plan regarding the repair / alternative arrangement in case of agricultural production related facilities are disrupted • Set up control room for dissemination of information • Will ensure that the staff under his control is on duty at the HQs 	<ul style="list-style-type: none"> • Contact the circle office or central control room if machines, equipments, vehicles, man power, technical personnel are required to restore the agricultural activities • Prepare the primary survey report of crop loss in the area and will send the same to dist. EOC and also to the administrative head • Assess the crop loss and report the same to collector and SRC with details of financial assistance required 	<ul style="list-style-type: none"> • Contact the circle office or central control room if machines, equipments, vehicles, man power, technical personnel are required to restore the agricultural activities • Collect the details of loss of crops to send it to the dist. administration • Prepare the primary survey report of crop loss in the area and will send the same to dist. EOC and also to the administrative head • Assess the crop loss and report the same to collector and SRC with details of financial assistance required

EE- Rural Works	<ul style="list-style-type: none"> • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC 	<ul style="list-style-type: none"> • Details of building, vehicles, and equipments as well as the names of the contractors having vehicles and equipments • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC 	<ul style="list-style-type: none"> • Maps of vulnerable areas of approach & alternative road • Assignment of duties at the time of emergency and a officer rank of Asst. Engineer to coordinate with DEOC • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency
EE- Public Works	<ul style="list-style-type: none"> • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC 	<ul style="list-style-type: none"> • Details of building, vehicles, and equipments as well as the names of the contractors having vehicles and equipments • Undertake all the action for the disaster management required to be done by the PWD after receiving the instruction form DEOC 	<ul style="list-style-type: none"> • Assignment of duties at the time of emergency and a officer rank of Asst. Engineer to coordinate with DEOC • Maintain the departmental equipments such as bulldozers, tractors, water tankers, dumpers, earthmovers, excavators, generators, cutters, etc which can be used at the time of emergency
DTO-Telecom	<ul style="list-style-type: none"> • Safety of emergency telephone lines 	<ul style="list-style-type: none"> • Restoration of telephone lines • Restoration emergency telephone lines 	<ul style="list-style-type: none"> • Restoration of telephone lines • Restoration emergency telephone lines
CDVO	<ul style="list-style-type: none"> • On receipt of warning ask all the staff to join duty immediately • Deployment of staff to the inaccessible areas • Regular maintenance of records • Co ordination with higher authorities 	<ul style="list-style-type: none"> • Record keeping • Information dissemination to concerned quarters (Sub-Divisional Vet. Officer) • Maintenance of regular flow of information • 	<ul style="list-style-type: none"> • Collection and disposal of dead bodies • Issuing of certificates against dead animals insure • Distribution of disinfectants, the place, where animals were buried or cremated
RTO/MVI	<ul style="list-style-type: none"> • Making ready of vehicles for emergency situations 	<ul style="list-style-type: none"> • Arrangement of vehicles for relief operation 	<ul style="list-style-type: none"> • Arrangement of vehicles for relief operation

DFO-	<ul style="list-style-type: none"> • Details of veterinary centers, veterinary dispensary, mobile dispensaries under his control • Maps showing the detail area with database • Approach road under forest department and their condition including bridges, causeways, railway crossings, etc. • Inspection of damage prone roads, bridges, check dams, causeways, under forest department 	<ul style="list-style-type: none"> • Immediately contact the dist. EOC for information • Will ensure that the staff under his control is on duty at the HQs • Arrangement for wireless, telephones, manpower, forest guard in advance to disseminate the information of the disaster in damage prone areas and will play a vital role in warning dissemination 	<ul style="list-style-type: none"> • Follow the instruction from DEOC • Carryout the duties assigned • Engage manpower and resources available to manage the Disaster • Prepare the primary damage report and send it to the authorities •
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8.7 Format for First Information Report (FIR)

on occurrence of natural calamity

(To be sent to Special Relief Commissioner, Orissa within maximum of 18 hours of occurrence of calamity)

From: District - _____ Date of Report:- _____

To

Special Relief Commissioner, Orissa
State Emergency Operation Centre (SEOC),
Rajiv Bhawan, Ground Floor, Unit-5, Bhubaneswar
Fax No: 0674-2534176, E-mail: relief_sr@yahoo.com/src@ori.nic.in

- a. Nature of Calamity
- b. Date and time of occurrence
- c. Affected area (number and name of affected Blocks)
- d. Population affected(approx.)
- e. Number of Persons
 - Dead
 - Missing
 - Injured
- f. Animals
 - Affected
 - Lost
- g. Crops affected and area(approx. in hect.)
- h. Number of houses damaged
- i. Damage to public property
- j. Relief measures undertaken in brief
- k. Immediate response & relief assistance required and the best logistical means of delivering that relief from State/National
- l. Forecast of possible future developments including new risks
- m. Any other relevant information

Authorised Signatory
District Emergency Operation Centre (DEOC)
District:- _____

NB: The Districts will submit a detailed report on each of the above points as soon as possible after submission of the above First Information Report (FIR).

8.8 Daily Status Report on Relief/ Restoration Measures Undertaken By Departments

1. Health Department.

Medical Relief Centres Opened-
Mobile teams deployed-
Wells disinfected-
ORS distributed-
Halogen Tablets distributed-
Minor Ailment Treated-

2. R.D. Department.

Mobile vans deployed-
Water tanker deployed-
ORS powder distributed-
Halogen Tablets distributed-
Water pouches distributed-
Bleaching powder distributed-
Sintex Tanks available-
Tube wells disinfected-

3. FS & CW Department

-Qtls. Chuda, Qtls gur supplied to
Blocks

(Qty .in quintals)

District	Chuda	Gur

- Qtls of rice has been allocated to the Districts mentioned below

Blocks

Quantity allocated (in quintal)

Total:

4. Fisheries & A,R.D. Department

- Animals vaccinated-
- Animals treated-

Damages to Roads/River Embankments

1.R.D. Department.

- Roads damaged-
- CD/Breach occurred-
- Breach closed-
- Building damaged-
- Building collapsed-
- Pipe water supply affected-
- Tube Wells affected-

2.Works Department.

- Roads damaged-
- Breach occurred-
- CD works damaged-
- CDs washed away-
- Breach closed-

3.W.R Department.

- Breach occurred-
- Breaches closed-

Breach closing works in progress

9. REHABILITATION & RESTORATION

Rehabilitation and restoration comes under recovery phase immediately after relief and rescue operation of the disaster. This post disaster phase continues until the life of the affected people comes to normal. This phase mainly covers damage assessment, disposal of debris, disbursement of assistance for houses, formulation of assistance packages, monitoring and review, cases of non-starters, rejected cases, non-occupancy of houses, relocation, town planning and development plans, awareness and capacity building, housing insurance, grievance redress and social rehabilitation etc.

The district is the primary level with requisite resources to respond to any natural calamity, through the issue of essential commodities, group assistance to the affected people, damage assessment and administering appropriate rehabilitation and restoration measures.

The District Disaster management Authority reviews the relief measures submit financial requisition to the state Govt. under SDRF & NDRF. The requisition must reach the SDMA & SRC office in the prescribed format as detailed below for smooth & quick processing.

9.1 Standard Operating Procedure : Restoration & Rehabilitation

Name of the Department	Normal Time
Collector/ADM / Emergency Officer	<ul style="list-style-type: none"> • Restoration of Critical Infrastructures to bring situation to normalcy • Ensure Restoration of roads & channels, Communication network, Electricity & Energy • Ensure health in the affected areas • Adopt sustainable mitigation measures in the restoration activities
CDMO	<ul style="list-style-type: none"> • Carry out Disease surveillance measures to check epidemic prone diseases • Dis-infection of drinking water & measures for health & hygiene • Rehabilitation of deprived & destitute • Carry out Trauma & Psycho-social counseling
Superintendent of Police (SP)	<ul style="list-style-type: none"> • Assist district administration in supply and distribution of relief materials. • Deploy police personnel near relief godowns • Escort relief carrier vehicle and personnel • Maintain Law and order
EE- RWSS	<ul style="list-style-type: none"> • Supply of safe drinking water • Supply of poly pack containing safe drinking water • Distribution of halogen tablets • Informing community particularly the evacuees regarding use of safe drinking water • Bleaching of drinking water sources
EE- Irrigation	<ul style="list-style-type: none"> • Damage assessment • Identification of areas for clearance • Delegation of team • Monitoring of work

	<ul style="list-style-type: none"> • Proposal to the government for repair and restoration
DAO- Agriculture	<ul style="list-style-type: none"> • Contact the circle office or central control room if machines, equipments, vehicles, man power, technical personnel are required to restore the agricultural activities • Collect the details of loss of crops to send it to the dist. administration • Prepare the primary survey report of crop loss in the area and will send the same to dist. EOC and also to the administrative head • Assess the crop loss and report the same to collector and SRC with details of financial assistance required
EE- Rural Works	<ul style="list-style-type: none"> • Provide available resource and manpower for Disaster Management • Mobilize the services of technical personnel for the damage survey work to help the Dist. Administration • Provide primary damage report of the affected area periodically • Make arrangement of electricity, water in temporary shelters
EE- Public Works	<ul style="list-style-type: none"> • Provide available resource and manpower for Disaster Management • Mobilize the services of technical personnel for the damage survey work to help the Dist. Administration • Provide primary damage report of the affected area periodically • Make arrangement of electricity, water in temporary shelters
DTO-Telecom	<ul style="list-style-type: none"> • Early restoration of telephone lines • Immediate restoration of Emergency telephone lines
CDVO	<ul style="list-style-type: none"> • Vaccination immediately after the flood/cyclone and treatment to prevent epidemics • Provide first aid to the affected animals • Collection and disposal of dead bodies • Maintenance of record • Issuing of certificates against dead animals insure • Distribution of disinfectants, the place, where animals were buried or cremated
RTO/MVI	<ul style="list-style-type: none"> • Arrangement of sufficient vehicles for supply of relief • Arrangement of vehicles for casualties, etc
DFO-	<ul style="list-style-type: none"> • Follow the instruction from DEOC • Carryout the duties assigned

	<ul style="list-style-type: none"> • Engage manpower and resources available to manage the Disaster • Prepare the primary damage report and send it to the authorities • Send task forces with necessary equipments like tree cutters, ropes, vehicle, and generator in case of closure of roads due to falling of trees on the roads.
Railway	<ul style="list-style-type: none"> • Transportation of relief materials • Clearance of railway tracks • Arrangements of special trains for increased communication
EE- Electricity	<ul style="list-style-type: none"> • Uninterrupted power supply to the Medical/Block Office and other Important institutes • Damage assessment and transmission of the same to higher authorities • Quick installation/repair of damaged infrastructures • Early restoration of power supply to the affected areas
EE – PHED	<ul style="list-style-type: none"> • Supply of safe drinking water • Supply of poly pack containing safe drinking water • Distribution of halogen tablets • Informing community particularly the evacuees regarding use of safe drinking water • Bleaching of drinking water sources
DEO- School & Mass Education	<ul style="list-style-type: none"> • Shutting down of schools • Immediate restoration of damaged structures/ schools • Making arrangement of schools for shelter of affected people
DEO - Higher Secondary Education	<ul style="list-style-type: none"> • Shutting down of colleges • Immediate restoration of damaged structures/ collage buildings • Making arrangement of shelters for relief workers/ volunteers/ police/ etc

9.2 Damage Loss Assessment

Sector	Damage in Physical terms	Requirement of funds for repair of immediate nature	Out of (3) amount available from annual budget	Out of (3) amount available from related schemes/ programmes / other sources	Out of (3) amount proposed* to be met from SDRF/NDRF as per the list of works indicated in the revised items & norms
1	2	3	4	5	6
Roads & Bridges					
Drinking water Supply works (Rural)					
Drinking water Supply works (Urban)					
Irrigation					
**Power					
Primary Health Centres					
Community assets in social sectors covered by Panchayats					

9.3 Calculation of assistance for agricultural input subsidy-SMF

(Rs. In lakh)

Sl.	Name of the Block	Area held by SMF (in Hectares)	Total Agricultural area Affected [in Hect.]	Total agricultural area where crop loss is > 50%	Crop loss 33% & above			Expenditure incurred			Total
					Irrigated [in hect.]	Rainfed [in hect.]	Perennial	Irrigated @Rs.13,500/- per hectare	Rainfed @Rs.6800/- per hectare	Perennial @ Rs.18000/ per Hect.	
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											
11											
Total											

9.4 Agricultural input subsidy- Farmers other than SMF

Farmers affected first year

(Rs. In lakh)

Sl.	Name of the Block	Area held by farmers other than SMF (in hectares)	Crop loss > 33%							
			No of Farmers	Irrigated area in hect	Amount spent @ Rs.13,500/- per hect.	Rainfed Area in hect.	Amount spent @ Rs.6800/- per hect.	Perennial Area in hect	Amount Spent @ Rs.18000/ per Hect.	Total Amount Spent
1										
2										
3										
4										
5										
Total										

9.5 Farmers affected by successive calamities

Sl.	Name of the Block	Area held by farmers other than SMF (in hectares)	Crop loss > 33%							
			No of Farmers	Irrigated area in hect	Amount spent @ Rs.13,500/- per hect.	Rainfed Area in hect.	Amount spent @ Rs.6800/- per hect.	Perennial Area in hect	Amount Spent @ Rs.18000/ per Hect.	Total Amount Spent
1										
2										
3										
4										
5										
Total										

(Rs. In lakh)

9.6 Animal Husbandry (Replacement of Animals)

Name of the Block	No of Livestock / Birds lost					No of animals qualifying for relief grant (i.e., subject to ceiling of 3 large milch animal or 30 small milch animals or 3 large draught animal or 6 small draught animal per household				Expenditure incurred (Milch animals @ Rs.30,000 for large animal , Rs.3000 for small animals & Draught animals @ Rs 25000 for large animal, Rs. 16,000 for small animals)				Poultry @ 50/- per bird subject to a ceiling of assistance of Rs.5000/- per beneficiary household.	Total expenditure (11+12+13+14+15)
	Milch Animal		Draught Animal		Poultry Birds	Milch Animal		Draught Animal		Milch Animal		Draught Animal			
	Buffalo / Cow	Sheep/ Goat	Camel/ Horse/ Bullock	Calf/ Donkey/ Pony		Buffalo / Cow	Sheep/ Goat	Camel / Horse / Bullock	Calf/ Donkey/ Pony	Buffalo / Cow	Sheep/ Goat	Camel / Horse / Bullock	Calf/ Donkey/ Pony		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)

9.7 Assistance sought for repair /restoration of damaged houses

(Rs. In Lakh)

Sl	District	Fully Damaged/ Severely Damaged								Partially (15% & More)				Huts		Cattle shed attached with house		TOTAL
		Plain Areas				Hilly Areas												
		Pucca	Amount @ Rs.- 95100/-	Kutcha	Amount @ Rs.- 95100/-	pucca	Amount Rs.- 101900/-	Kutcha	Amount @ Rs.- 101900/-	pucca	Amount @ Rs.- 5200/-	Kutcha	Amount @ Rs.- 3200/-	Nos.	Amount @ Rs.- 4100/-	Nos.	Amount @ Rs.- 4100/-	
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		
11																		
TOTAL																		

9.8 Assistance for provision for temporary accommodation, food, clothing and medical care

Sl. No.	Name of the district	Average No. (in a day) of relief camps	Average duration of operation of relief camps	Average No. of people accommodated per day in the relief camps	Expenditure incurred on (Rs. in lakh)				
					Temporary accommodation	Food	clothing	Medical care	Total expenditure
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
19									
Total									

9.9 Extent of damage due to natural calamities

Dist :

Nature and period of natural calamity :

Sl.	Item	Details
1.	Total number of Blocks in the district	
2.	Number and names of Blocks affected	
3.	Number of villages affected	
4.	Population affected (in lakh)	
5.	Total land area affected (in lakh ha.)	
6.	Cropped area affected (in lakh ha)	
	i) Total cropped area affected	
	ii) Estimated loss to crops (Rs. in lakh)	
	iii) Area where cropped damage was more than 33%	
7.	Percentage of area held by SMF	
	i) In the State as a whole	
	ii) In the affected districts	
8.	House damaged	
	a) No. of houses damaged	
	i) Fully damaged pucca houses	
	ii) Fully damaged kutch houses	
	iii) Severely damaged pucca houses	
	iv) Severely damaged kutch houses	
	v) Partly damaged houses (pucca + kutch)	
	vi) No. of huts damaged	
	b) Estimated value of damage to houses (Rs. in lakh)	
9.	No. of human lives lost	
	No. of persons with grievous injuries	
	No. of persons with minor injuries	
10.	Animal lost	
	a) No. of big animals lost	
	b) No. of small animals lost	
	c) No. of poultry (birds) lost	
11.	Damage to public properties	
	a) In physical terms (sector wise details should be given – e.g. length of State roads damaged, length of districts roads damaged, length of village roads damaged, No. of bridges damaged, No. of culverts damaged, No. of school buildings damaged etc.)	
	b) Estimated value of the damage to public properties	
	Estimated total damage to houses, crops and public properties	

9.10 Format for working out the requirements under the head of repair of damaged infrastructure of immediate nature

(Rs. In lakh)

Sector		Damage in physical terms	Requirement of funds for repair of immediate nature	Out of (3), amount available from annual maintenance budget	Out of (3), amount available from related schemes/ programs/ other sources	Out of (3), amount proposed to be met from CRF/NCCF in accordance with list of works indicated in the Appendix to the revised items and norms
Roads & Bridges	PWD Roads	No. of breaches- Length of Road damaged – No. of culverts damaged – No. of culverts washed away –				
	Rural Roads	No. of Roads damaged – Length of Road damaged – No. of breaches – No. of CD/Bridge damaged– No. of CD/Bridge washed away –				
	Urban Roads	Length of drain damaged – Length of Road damaged No. of culverts damaged –				
	Panchayat Roads	No. of Roads damaged – Length of breaches – Length of Road damaged –				

		No. of culverts damaged – No of culverts washed away				
	River/Canal Embankment Roads	No of Roads damaged in river embankments– Length of Road damaged in river embankments – No of Roads damaged in canal embankments – Length of Road damaged in canal embankments –				
Drinking Water Supply	Rural Water Supply	No of Tube wells damaged – No of platforms damaged – No. of Rural pipe water supply system damaged -				
	Urban Water Supply					
Irrigation	River Embankment	No of breaches – Length of breach in Km – No of partial damage -				
	Canal Embankments	No of breaches – Length of breach in Km – No of partial damage -				
	M I projects	No of Minor Irrigation projects damaged -				
	Clearance of Drainage channels	Length of drainage channels congested with vegetative materials –				

Primary Education	Primary School Buildings	No of Primary School buildings damaged -				
PHCs	PHCs	No of Primary Health Centres damaged -				
Community assets owned by Panchayats	Community Halls	No of Panchayat Ghar/Community Hall damaged -				
	AWW Centres	No of Anganwadi Centres damaged -				
Power	Electrical lines	No of Primary sub-stations damaged – 33 KV lines damaged – 11 KV lines damaged – Distribution Transformers damaged – LT lines damaged –				
Total						

CHAPTER-10 : RECOVERY

A series of long term activities framed to improve upon the repaired activities in the Reconstruction & rehabilitation phase are covered under Recovery phase. Recovery includes all aspects of mitigation and also incorporates the continuation of the enabling process, which assists the affected persons and their families not only to overcome their losses, but also to achieve a proper and effective way to continue various functions of their lives. The Recovery process is therefore a long-terms process in which everyone has a role – the Government including the PRI members, NGOs and especially the affected people, their families and the community.

- Preparation of Recovery plan for displaced population, vulnerable groups, environment, livelihoods
- Organise initial and subsequent technical assessments of disaster affected areas and determine the extent of recovery works necessitated in addition to reconstruction & rehabilitation works.
- Evaluate the extent of works under SDRF/NDRF & other sources(damaged infrastructures)
- Explore opportunities for external aids like (International Agencies / Civil Society / Corporate Sector)
- Allocate funds for the stabilisation of the repaired & reconstructed infrastructure.
- Integrate Climate change & Disaster Risk Reduction features in the recovery programmes

The DM & Collector will be the co-ordinator of all Recovery activities in the District. The role of the DM & Collector will be to:

- Generally monitor the management of the recovery process;
- Ensure implementation of the recovery plan by line departments, blocks
- Effective service delivery minimising overlap and duplication;

CHAPTER- 11 : FINANCIAL ARRANGEMENT

11.1 National Disaster Response Fund (NDRF)

The National Disaster Response Fund (NDRF) has been constituted by the Government of India as per the sub-sections (1) of section (46) of Disaster Management Act, 2005 and recommendation of the 13th Finance Commission. NDRF has been constituted by replacing the National Calamity Contingency Fund (NCCF).It is administered by the National Executive Committee (NEC).

In the event of a calamity of a severe nature when the State Disaster Response Fund (SDRF) is insufficient to meet the relief requirements, additional central assistance is provided from NDRF, after following the laid down procedure. The State Government is required to submit a memorandum indicating the sector-wise damage and requirement of funds. On receipt of memorandum from the State,

- ❖ An Inter-Ministerial Central Team is constituted and deputed for an on the spot assessment of damage and requirement of funds for relief operations, as per the extant items and norms.
- ❖ The report of the Central Team is considered by the Inter-Ministerial Group (IMG) / A Sub-committee NEC constituted under section 8 of DM act, 2005, headed by the Home Secretary.
- ❖ Thereafter, the High Level Committee (HLC) comprising of the Finance Minister, the Agriculture Minister, the Home Minister and the Deputy Chairman, Niti Ayog considers the request of the State Government based on the report of the Central Team recommendation of the IMG thereon, extant norms of assistance and approves the quantum of assistance from NDRF.
- ❖ This is, however, subject to the adjustment of 75% of the balance available in the State's SDRF for the instant Calamity.

11.2 State Disaster Response Fund (SDRF)

As per the provisions of Disaster Management Act, 2005 sub-section (1)(a) of Section (48) and based on the recommendation of the 13th Finance Commission, the Government of Odisha has constituted the State Disaster Response Fund (SDRF) replacing the Calamity Relief Fund (CRF). The amount of corpus of the SDRF determined by the 13th Finance Commission for each year the Finance Commission period 2010-15 has been approved by the Central Government. The Central Government contributes 75% of the said fund. The balance 25% matching share of contribution is given by the State Government. The share of the Central Government in SDRF is released to the State in 2 installments in June and December respectively in each financial year. Likewise, the State Government transfers its contribution of 25% to the SDRF in two installments in June and December of the same year.

Ministry of Home Affairs, upon being satisfied that exigencies of a particular calamity so warrant, may recommend an earlier release of the Central share up to 25% of the funds due to the State in the following year. This release will be adjusted against the installments of the subsequent year.

As per the Guidelines on Constitution and Administration of the State Disaster Response Fund (SDRF) laid down by the Ministry of Home Affairs, Government of India, the SDRF shall be used only for meeting the expenditure for providing immediate relief to the victims of cyclone, drought, earthquake, fire, flood, tsunami, hailstorm, landslide, avalanche, cloud burst and pest attack. The State Executive Committee (SEC) headed by the Chief Secretary SEC decides on all matters connected with the financing of the relief expenditure of immediate nature from SDRF.

11.3 Chief Minister Relief Fund (CMRF)

Chief Minister's Relief Fund aims to provide assistance to calamities and in distress condition, to indigent persons suffering from critical ailments and to undertake charitable activities for public welfare.

11.3.1 Cases Eligible for Assistance under CMRF

11.3.1.1 Poor and persons in distress: Relief to the poor, including grant and aid (financial or otherwise) to persons in distress.

11.3.1.2 Aged, differently able, orphans, AIDS affected : Assistance for the relief and rehabilitation of the aged, differently able' orphans, HIV/AIDS affected persons/families and those otherwise differently able or incapable of earning their livelihood, by grant and aid (financial and otherwise) and / or maintenance, establishment and support of institutions and homes for the benefit of such persons.

11.3.1.3 Persons affected by calamities or violence: Assistance for relief & rehabilitation of persons affected by natural or man-made calamities, communal violence', naxal violence or public disorder of a serious nature or any other calamity' affecting a family or a community, which deserves extreme compassion and not covered under any existing assistance scheme of State/central Government.

11.3.1.4 Assistance for Rural Development: Financial assistance out of CMRF may also be considered to undertake, promote, aid or otherwise support rural development including any programme for promoting the social and economic welfare of the public in any rural area either directly or through an independent agency following due procedure.

To assist more number of deserving person and for better utilisation of the Chief Minister's Relief Fund, the State Government have delegated powers to the Collectors for sanction of assistance out of CMRF so as to extend such assistance to the deserving persons immediately at the time of their need.

11.4 Release of Funds to Departments and Districts:

Funds required towards pure relief to affected persons / families for natural calamities in shape of emergency assistance, organizing relief camp / free kitchen / cattle camp, agriculture input subsidy and other assistances to affected farmers, ex-gratia as assistance for death cases, grievous injury, house building assistance, assistance to fisherman / fish seed farmers / sericulture farmers, assistance for repair / restoration of dwelling houses damaged due to natural calamities are administered through the respective collectors.

Part funds towards repair / restoration of immediate nature of the damaged public infrastructure are released to the Departments concerned. On receipt of requisition from the Collectors / Departments concerned, funds are released after obtaining approval / sanction of S.E.C. However, funds towards pure relief are released under orders of Special Relief Commissioner / Chief Secretary and the same is placed before the State Executive Committee in its next meeting for approval. To save time, Collectors have been instructed to disburse the ex-gratia assistance from the available cash and record the same on receipt of fund from Special Relief Commissioner.

11.5 Damage Assessments and Report after Flood/Cyclone

Private properties and properties of Government under different Departments are damaged by high floods and cyclones. As per para-75 of Orissa Relief Code, the Collector shall undertake assessment of damages to private properties as well as properties of Government. This assessment shall be done quickly soon after the abatement of flood in the prescribed formats prescribed in Appendix- X of Orissa Relief Code.

11.5.1 Submission of preliminary damage report (Para-76 of ORC)

1. The Collector as well as the district level officers under each Department of Government shall immediately after assessment of flood damage forward a copy of

their report to their immediate Head of Department. The district level officers may also supply reports to the Collector.

2. The Heads of Departments after necessary scrutiny shall forward their reports to their respective Departments of Government with copy to Special Relief Commissioner, not later than two weeks from the date of abatement of flood.
3. The Special Relief Commissioner shall compile the State report and shall furnish the consolidated preliminary report to the Revenue Department within a week of the receipt of the reports from the Heads of Department.
4. The preliminary flood damage report should be prepared as accurately as possible, as the relief measures, if any, are to be based on the merit and statistical data of that report.

11.5.2 Submission of final flood damage report (Para-77 of ORC)

The concerned Heads of Departments as well as the Collector shall take immediate steps to compile the final report on flood/cyclone damage in the formats prescribed in Appendix- X soon after submission of the preliminary report.

Accidental errors, clerical mistakes, shortcomings, if any, noticed should be rectified in the final report. The final report shall be made available to Special Relief Commissioner as soon as possible and not later than one month from the date of abatement of flood.

On receipt of the reports from the different sources, Special Relief Commissioner shall forthwith compile the State report and furnish the same to the Revenue Department.

11.6 Central and State Government programmes and Schemes on Natural Calamities

Mainstreaming Disaster Management in development planning is the most critical component to mitigate disaster risks. That's why it's important to make note of financial resources which are used in the implementation of such programmes and schemes which can lessen the risk from disasters by reducing vulnerability. It is also crucial to build communities resilience to deal with them. Moreover, as mandated by Ministry of Finance & Ministry of Home Affairs on 01st and 03rd June, 2014 respectively, 10 % flexi-fund within the centrally sponsored schemes (CSS) to be utilised, inter alia for mitigation / restoration activities in the event of natural calamities in the sector covered by CSS. Thus, relevant Central Government and State Government funded schemes are identified which are crucial to build over resilience of communities in the context of the district.

Table : Different State and Central Government Schemes and Programms

SI No.	Name of the Scheme	Sector	Nodal Department	Objective of the Scheme
1	National Agriculture Insurance Scheme (NAIS)/ Rastriya Krishi Bima Yojna (RKBY)	Crop Insurance	Agriculture Insurance Company of India (AICI)	To protect the farmers against the losses suffered by them due to crop failures on account of natural calamities, such as droughts, floods, hailstorm, storms, animal depredation,

				etc.
2	Janashree Vima Yojna	Life Insurance	Life Insurance Corporation Of India	The objective of the scheme is to provide life insurance protection to the rural and urban poor persons below poverty line and marginally above the poverty line.
3	Integrated Coastal Zone Management Project (ICZMP)	Coastal Area Management	Forest & Environment Department	A. Formulation of Integrated Coastal Zone Management Plan for the State B. Coastal Erosion C. Vulnerability to Disaster D. Biodiversity Conservation E. Livelihood Security F. Pollution/ Environmental Quality Management
4	Aapada Mitra	Disaster Management	Revenue & DM	To create a band of community level trained volunteers as first responder for any disaster

11.7 Roles of District Planning committee on financial outlay on mainstreaming Disaster Risk Reduction (DRR) in development programmes.

Constitution of District Planning Committees (DPCs) at the district level and formulation of District Plan are the mandated functions as enshrined in the 73th and 74th Amendments of the Constitution. The Committee in Jagatsinghpur district consolidates the plans prepared by the Panchayats and the Municipalities in the district and prepare a draft development plan for the district.

The Constitution of India provides the DPCs two specific responsibilities. In preparing the draft development plan, the DPC shall have regard to matters of common interest between the Panchayats and the Municipalities including spatial planning, sharing of water and other physical and natural resources, the integrated development of infrastructure and environmental conservation and the extent and type of available resources, both financial or otherwise. The DPC in this endeavor, is also mandated to consult such institutions and organizations as may be specified. In order that the plans at different levels are prepared, there is need to strengthen the system comprising the machinery of planning and the process of consolidation of plans at the district level.

There is confusion in states as to whether the DPC is to be established as a separate and permanent office or whether it denotes only a meeting that is periodically called and which can be serviced by a part-time secretariat. There is a feeling that the DPC ought not to emerge as yet another layer of bureaucracy to vet people's plans. At the same time, the fact that the DPC is held intermittently and without permanent support undermines its effectiveness as a constitutional institution and a coordinating mentor. On balance, the DPC merits the status of a permanent institution, with adequate Secretariat to service it at the District level. It could also be provided the means of drawing experts to assist it whenever required.

11.8 Fund provision for disaster preparedness & capacity building

It is decided by the District Disaster Management Authority, Jagatsinghpur to earmark funds in all suitable schemes specifically for the purpose of disaster preparedness & capacity building. It is also decided to request OSDMA/ SRC for some of the planned activities to sanction funds from SDRF fund.

CHAPTER 12: SCHOOL SAFETY AND DISASTER MANAGEMENT

The Hon'ble Supreme Court vide orders of dated 14.08.2017 in WP (C) 483/2004, directs vide letter no 2437/2004/SC/PIL/(WRIT) dt. 23.08.2017 that the School Safety Policy (SSP) 2016 guidelines issued by NDMA are statutory in nature and shall be implemented in letter and spirit by all concerned authorities for all schools. The direction of the Supreme Court in Implementation of the School Safety Policy Guidelines Inter-alia reads as follow:

- Time bound implementation of the Guidelines
- District Disaster Management Authority to ensure and monitor compliance of the said Guidelines
- District Education Officer of each District to be a "Nodal officer" with responsibility, liability and obligation as well as powers and functions to ensure strict compliance with the Guidelines within the district of his jurisdiction.
- Joint Monitoring Committee consisting of representations of both Department of School Education & Literacy, Ministry of HRD and NDMA
- Quarterly compliance reports from the Chief Secretary to MHRD and NDMA on the actions taken.

Hon'ble Supreme Court has also defined few actions at different levels to ensure school safety

State & District Level	School Level:
<ul style="list-style-type: none"> • Policy for safety audits in all schools • 'Stability certificate' by Government-certified engineer. • Manual for fire safety procedures and other safety precautions • The National Building Code of India, 2005, to construct fire-safe buildings. (Revised 2016) 	<ul style="list-style-type: none"> • Schools must take appropriate safety measures and an emergency response plan that delineates staff responsibilities, communication modes, and training and updating procedures for all members of the faculty, staff and students. • Fire insurance coverage should be made mandatory for all schools. • Ensuring that the kitchen in the precincts of the school has adequate safety mechanisms.

Approach and Objectives

- All hazard approach.
- All schools; all stakeholders 2. Strengthening existing policy provisions to make schools safer
- School Safety as an indicator of quality for continued planning, execution and monitoring
- Primary objective is to ensure the creation of safe learning environment for children.
- Also seek to highlight specific actions towards school safety that can be undertaken by different stakeholders within the existing framework of delivery of education.

Applicability

- The National School Safety Policy Guidelines apply to all schools in the country-whether government, aided or private, irrespective of their location in rural or urban areas.
- They apply to all stakeholders involved in delivery of education to Children in India

All hazard approach

- School Safety efforts needs to take cognizance of all kinds of hazards that may affect the wellbeing of children.
- Hazards include structural and non-structural factors.
- Structural factors include dilapidated buildings, poorly designed structures, faulty construction, poorly maintained infrastructure, loose building elements, etc.
- Non Structural factors include loosely placed heavy objects such as almirahs, infestation of the campus by snakes and any other pests, broken or no boundary walls, uneven flooring, blocked evacuation routes, poorly designed and placed furniture that may cause accidents and injury, inadequate sanitation facilities, etc.

Basic Information

Category & type of schools

Name of the Block	Government Schools				Government Aided schools		Private Schools	
	Elementary		Secondary		Elementary	Secondary	Elementary	Secondary
	Rural	Urban	Rural	Urban				
BALIKUDA	256	-	43	-	-	-	-	-
BIRIDI	116	-	49	-	-	-	-	-
ERSAMA	284	-	37	-	-	-	-	-
JAGATSINGHPUR	249	-	49	-	-	-	-	-
KUJANG	225	-	45	11	-	-	-	-
NAUGAON	116	-	20	-	-	-	-	-
RAGHUNATHPUR	150	-	27	-	-	-	-	-
TIRTOL	260	-	40	-	-	-	-	-

School Safety Advisory Committee (District)

1. Date of Formation
2. Institutional Architecture

Name & Designation	Contact No.	Email ID	Remarks
Smt Prativa Manjari Das	9437533544	deojagatsinghpur12@gmail.com	

Details of School Safety in the district

SI N o	Activity	Total Scho ol	Achieved								
			Biridi	BAlikuda	Erasama	Jagatsinghp ur	Kujanga	Naugaon	Raghunathp ur	Tirtol	Total
1	Schools having School Safety Advisory Committee (Number)	321	49	43	37	49	56	20	27	40	321
2	Schools having Scholl Disaster management Plan (Number)	-	-	-	-	-	-	-	-	-	-
3	Schools having conducted Safety Audits (Structural) (Number)	-	-	-	-	-	-	-	-	-	-
b	Safety Audits (Non-Structural) (Number)	-	-	-	-	-	-	-	-	-	-
4	Schools having conducted Annual Mock Drills (Number)	-	-	-	-	-	-	-	-	-	-
5	Schools Having Fire Extinguisher (Number)	-	-	-	-	-	-	-	-	-	-

6	Schools Adhering to safety norms in storing inflammable & Toxic Material (Number)	-	-	-	-	-	-	-	-	-	-
7	Schools confirming safety standards as per local building bye-laws (Latest) (Number)	-	-	-	-	-	-	-	-	-	-
8	Schools having issued Recognition certificate under sub Rule(4)-Rule 15 of RTE rules 2010 (only to schools that comply with Structural safety norms) (Number)	-	-	-	-	-	-	-	-	-	-
9	Schools where students & teachers undergo regular training on School Safety & Disaster Preparedness (Number)	-	-	-	-	-	-	-	-	-	-
10	Schools where disaster management is being taught as part of the curriculum (Number)	-	-	-	-	-	-	-	-	-	-

CHAPTER 13: CLIMATE CHANGE

Climate Change

Weather and climate are the results of complex interactions between anthropogenic and natural factors. Evidence of global climate change includes higher average temperatures, changes in precipitation, ocean warming, ocean acidification, sea level rise, decreasing sea ice, and changes in physical and biological systems. Observed climate change can be linked with the increase of greenhouse gas concentrations in the atmosphere since the industrial revolution. Global surface temperature change for the end of the 21st century is likely to reach 4°C if no drastic mitigation actions are taken. Various sources of climate data exist that can support planning for climate change.

Greenhouse gases (GHGs) are trace gases in the atmosphere that absorb and emit long wave radiation. They naturally blanket the earth and keep it at about 33° C warmer than it would be without these gases in the atmosphere. The table features the seven most important greenhouse gases as regulated under the Kyoto Protocol. The seven gases each have a different capacity to trap heat in the atmosphere, or a so-called “*global warming potential*” (GWP). They all belong to the group of long-lived greenhouse gases (LLGHGs), because they are chemically stable and persist in the atmosphere over time scales of a decade to centuries or longer, so that their emission has a long-term influence on climate. Some of the GHGs occur naturally (e.g. CO₂, CH₄ and N₂O) but increases in their atmospheric concentrations over the last 250 years are due largely to human activities. Other greenhouse gases are entirely the result of human activities (e.g. HFCs, PFCs, SF₆ and NF₃).

Greenhouse Gas	Global Warming Potential (GWP) (over 100 years)	% of Total Anthropogenic GHG Emissions (2010)
Carbon dioxide (CO ₂)	1	76%
Methane (CH ₄)	25	16%
Nitrous oxide (N ₂ O)	298	6%
Hydrofluorocarbons (HFCs)	124-14,800	< 2%
Perfluorocarbons (PFCs)	7,390-12,200	< 2%
Sulphur hexafluoride (SF ₆)	22,800	< 2%
Nitrogen trifluoride (NF ₃)	17,200	< 2%

1. Important Greenhouse Gases: Carbon Dioxide (CO₂)

Most important greenhouse gas (contributes ~64% to total radiative forcing by long-lived GHGs). Half of CO₂ emitted by human activities is being absorbed in the biosphere and in the oceans. Rest remains in the atmosphere for hundreds to thousands of years

The most important anthropogenic GHG is carbon dioxide (CO_2). It accounts for around 64% of total radiative forcing due to LLGHGs. Carbon dioxide does not have a specific lifetime because it is continuously cycled between the atmosphere, oceans and land biosphere and its net removal from the atmosphere involves a range of processes with different time scales. CO_2 is primarily emitted as a result of burning of fossil fuels, deforestation and forest degradation and iron and steel production. Oceans and forests are the main sequesters of carbon i.e. sinks that can absorb CO_2 from the atmosphere. Carbon dioxide is the gas to which all other gases are compared when speaking of Global Warming Potential. Emissions of other greenhouse gases can be converted into CO_2 *equivalent emissions*.

2. Important Greenhouse Gases: Methane (CH_4)

Second most significant greenhouse gas (contributes ~18% to total radiative forcing by long-lived GHGs). Approximately 40% of methane is emitted into the atmosphere by natural sources. About 60% comes from human activities & stays in the atmosphere for approximately 12 years.

The second most significant anthropogenic GHG is methane (CH_4) which contributes to approximately 18% of total radiative forcing due to LLGHGs. Approximately 40% of methane is emitted into the atmosphere by natural sources (e.g. wetlands and termites). About 60% comes from human activities (e.g. cattle breeding, rice agriculture, fossil fuel exploitation, landfills and biomass burning). Methane is mostly removed from the atmosphere by chemical reactions, persisting for about 12 years. Thus although methane is an important greenhouse gas, its effect is relatively short-lived.

3. Important Greenhouse Gases: Nitrous Oxide (N_2O)

The third most significant greenhouse gas (contributes ~6% to total radiative forcing by long-lived GHGs). Stays in the atmosphere for approximately 114 years. Nitrous oxide is emitted into the atmosphere from both natural (about 60%) and anthropogenic sources (approximately 40%).

Nitrous oxide is the third most significant GHG, contributing to about 6% of radiative forcing due to LLGHGs. The primary human sources of N_2O are fertilizer production and use in agriculture and various industrial processes. It is estimated that N_2O stays in the atmosphere for an estimated 114 years. Its impact on climate, over a 100-year period, is 298 times greater than equal emissions of carbon dioxide. It also plays an important role in the destruction of the stratospheric ozone layer which protects us from the harmful ultraviolet rays of the sun.

4. Important Greenhouse Gases: Fluorinated Gases

Global warming effect up to 23,000 times greater than carbon dioxide. Stay in the atmosphere up to 50,000 years. Three main groups: hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6). Mainly developed as substitutes for ozone-depleting substances

Fluorinated gases are a family of man-made gases used in a range of industrial applications. Sources include refrigerants, air-conditioning, solvents, aluminium and magnesium production, etc. Many fluorinated gases have very high global warming potentials (GWPs) relative to other greenhouse gases. That means small atmospheric concentrations can have large effects on global temperatures. They can also have long atmospheric lifetimes, in some cases, lasting thousands of years. Fluorinated gases are removed from the atmosphere only when they are destroyed by sunlight in the far upper atmosphere. In general, fluorinated gases are the most potent and longest lasting type of greenhouse gases emitted by human activities. There are three main categories of fluorinated gases: hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆).

5. Important Green House Gases: chlorofluorocarbons (CFCs) - Montreal Protocol

Chlorofluorocarbons (CFCs) an important Green House Gas contribute about 12% to radiative forcing by long-lived GHGs. CFCs have not been included in the Kyoto Protocol because they are already regulated under the Montreal Protocol on Substances that Deplete the Ozone Layer which entered into force in 1989. The Montreal Protocol includes, for example, chlorofluorocarbons (CFCs) which contribute about 12% to total radiative forcing by LLGHGs. CFCs can stay in the atmosphere for more than 1,000 years. CFCs have a global warming potential (GWP) that ranges between 4,750 and 14,400 (over 100 years time span). CFCs are used in the manufacture of aerosol sprays, blowing agents for foams and packing materials, as solvents, and as refrigerants.

Green House Gas Sequestration

In order to prevent dangerous anthropogenic interference with the climate system, actions need to be taken to stabilize greenhouse gas concentrations in the atmosphere. Such actions are referred to as “climate change mitigation”. More specifically, climate Change mitigation involves:

- reducing GHG emissions, e.g. by making older equipment more energy efficient;
- preventing new GHG emissions to be released in the atmosphere, e.g. by avoiding the construction of new emission-intensive factories;
- preserving and enhancing sinks and reservoirs of GHGs, e.g. by protecting natural carbon sinks like forests and oceans, or creating new sinks (“carbon sequestration”).

Source: UNFCCC (2009). Fact Sheet: The Need for Mitigation

Major Greenhouse Gases Contributors (Anthropogenic) to Climate Change

Greenhouse Gas	Human Source (Examples)	% of Total Global GHG Emissions (2010)
Carbon dioxide (CO ₂)	Fossil fuel combustion, land use changes, cement production, etc	76%
Methane (CH ₄)	Fossil fuel mining/distribution, livestock, rice agriculture, landfills, etc	16%
Nitrous oxide (N ₂ O)	Agriculture (fertilisers) and associated land use change, etc	6%

Hydrofluorocarbons (e.g. HFCs)	Liquid coolants, etc	< 2%
Perfluorocarbons (e.g. PFCs)	Refrigerant, electronics industry and aluminium industry, etc	< 2%
Sulphur hexafluoride (SF ₆)	Insulator in electronics and magnesium industry, etc	< 2%
Nitrogen trifluoride (NF ₃)	Electronics and photovoltaic industries, etc	< 2%

The global community has committed itself to hold warming below 2°C (compared to pre-industrial temperatures) to prevent dangerous climate change. The 2013 IPCC report on the physical science basis of climate change provides a “budget approach” to this goal, looking at total allowable CO₂ emissions level to meet the 2°C target. The report states that in order to have a greater than two in three chance of keeping *global warming* below 2°C, cumulative emissions of CO₂ cannot exceed 1,000 Gigatonnes of carbon (GtC). As of 2011, more than half this amount, or over 500 GtC, has already been emitted since 1861-1880. When the effects of other greenhouse gases are included, even less CO₂ could be emitted to keep below a 2°C warming.

Current annual emission levels are at 9.5 GtC and are likely to grow every year due to population growth and economic development patterns. If annual emissions continue to grow as in past years (“business as usual” scenario) the carbon budget will be exhausted in the next three decades.

Source: IPCC-Climate Change 2013 – The Physical Science Basis, Summary for Policymakers

Further information:

The 2°C target is not universally agreed. Small Island Developing States (SIDS) and Least Developed Countries (LDCs) have identified global warming of 1.5°C as warming above which there would be serious threats to their own development and, in some cases, survival.

Details of forest as a major Carbon sink (District)

Reserved Forest / Protected Forest (in Sq. KM)	Revenue / Village Forest (in Sq. KM)	Private Owned Forests	Others (If any)

Sectors with High Mitigation Potential

SI No	Sectors	Mitigation Options
1	Energy	<ul style="list-style-type: none"> • Use of renewable heat and power (hydropower, solar, wind, geothermal and bioenergy) • Improved supply and distribution efficiency • Carbon capture storage (CCS) • Combined heat and power
	Transport	<ul style="list-style-type: none"> • More fuel efficient vehicles • Use of alternative energy sources (biofuels, cleaner diesel, etc.) • Better land-use and transport planning • Shift from individual transport to public transport systems • More efficient driving practices • Non-motorized transport (cycling, walking)
	Industry	<ul style="list-style-type: none"> • Process-specific technologies that improve efficiency and reduce emissions • Material recycling and substitution • Heat and power recovery/cogeneration • Control of greenhouse gas emissions
	Agriculture	<ul style="list-style-type: none"> • Manure and livestock management to reduce CH₄ emissions • Improved fertilizer application techniques to reduce N₂O emissions • Improved crop and grazing land management to increase soil carbon storage • Restoration of cultivated peaty soils and degraded lands • Agro-forestry practices
	Forestry	<ul style="list-style-type: none"> • Reduced deforestation • Afforestation/reforestation • Forest management • Tree species improvement to increase biomass productivity and carbon sequestration
	Waste	<ul style="list-style-type: none"> • Landfill methane recovery • Waste incineration with energy recovery • Composting of organic waste • Controlled wastewater treatment • Recycling and waste minimization • Biocovers and biofilters to optimize CH₄ oxidation

Quantity of hazardous substances stored in MAH units of Jagatsinghpur District :

<u>M/s. Indian Farmers Fertilizer Cooperative Ltd.</u>	
•Ammonia	50,000MT
•Chlorine	4.5MT
•Furnace Oil	902KL
•HSD	502KL
•Sulphuric Acid	65,000MT
•Phosphoric Acid	71,000MT
•Sodium Hydroxide	78CUM
<u>M/s. Paradeep Phosphates Ltd.</u>	
•Ammonia	50,000MT
•Chlorine	3MT
•Furnace Oil	3830KL
•HSD	457KL
•Sulphuric Acid	45,000MT
•Phosphoric Acid	60,000MT
•Sulphur	45,000MT
<u>M/s. IOCL LPG Marketing Terminal</u>	
•LPG in Bullets	3 * 600MT = 1800MT
•MS	31112KL
•HSD	74973KL
•SKO	35836KL
•ATF	10600KL
•Furnace Oil	27910KL
•HF HSD	7292KL
•Ethanol	200KL
<u>M/s. HPCL Terminal</u>	
•MS	17045KL
•HSD	37477KL
•SKO	17645KL
<u>M/s. BPCL Terminal</u>	
•MS	15000KL
•HSD	30000KL
•SKO	3900KL
<u>M/s. IOCL, Paradeep Haldia Barauni Pipeline</u>	
•Crude Petroleum Oil -	1200000KL
•Propylene	- 9402MT
•LPG	- 14808MT
•Naphtha	- 113321MT
•Motor spirit (Regular)	- 14110MT
•Motor spirit (Premium)	- 89971MT
•Dual Purpose Kerosene	- 90428MT
•Superior Kerosene Oil	- 22631MT
•High Speed Diesel (Domestic)	- 20536MT
•High Speed Diesel (Export)	- 157931MT
•Chlorine	- 43.2MT
•Amine Solution	- 1556.6MT
•Caustic Soda	- 349.7MT
•Hydrochloric Acid	- 312.0MT
•Sulphuric Acid	- 1122.5MT

CHAPTER 14: CULTURAL HERITAGE SITES

Jagatsinghpur district is famous for the Sarala Temple and is well known as the cultural heart of Odisha. Sarala Das was a 15th-century poet and scholar of Odia literature, best known for three Odia books — Mahabharata, Vilanka Ramayana and Chandi Purana was born at Kanakavati Patana, known as Kanakapura, one of the Sidhikshetras in Jagatsinghpur district. As an originator of Odia literature, his work has formed an enduring source of information for succeeding generations. The District is also famous for having theatre groups which keep the old tradition of live acting before a crowd. The groups have become the part of mainstream entertainment for people all over Odisha. Parbati Gannatya, Benirampur opera, Gouri Ganantya, Tulasi Ganantya, Durgashree Ganantya, Tarapur Opera and Trinath Ganantya are some of the famous theatre groups of Jagatsinghpur district.

SI No.	Name of the Heritage/ Cultural Site	Village/ GP	Block
1	Chandrasekhar & Ganesha Temple	Baulapada, Bhitrandhari	Erasama
2	Kantaresvara Temple	Kantaara	Jagatsinghpur
3	Sankheswar Temple	Lathanga	Jagatsinghpur
4	Kundesvara Temple	Alanahata	Naugaon
5	Kuttamachandi Temple	Debideula	Naugaon
6	Raghunath Temple	Chandpur	Jagatsinghpur
7	Nandikesvara Temple	Nandigaon	Naugaon
8	Panchupandava Temple	Singharpur	Balikuda
9	Paresara Temple	Paradeep Garh	Paradeep
10	Radhamadhavajiu Temple	Gopal sagar	Jagatsinghpur
11	Saptamatruka & Ajaikapada	Sathalapada (6 km from Alanahat)	Naugaon
12	Sarala Temple	Jhankad	Tirtol
13	Sisuananta Temple	Hajipur	Biridi
14	Svapnesvara Temple	Alanahata	Naugaon
15	Subamesvara Temple	Jagatsinghpur	Jagatsinghpur
16	Trilochanesvara Temple	Jagatsinghpur	Jagatsinghpur
17	Gorakhnath Temple	Chhapada	Raghunathpur
18	Kunja Bihari Temple	Gada Kujanga	Kujanga
19	Khandeswar Temple	Nasik	Jagatsinghpur
20	Residence of Pancha Sakhaa 'Jasobanta Das'	Nailo	Jagatsinghpur

CHAPTER 15: LIBRARIES

Sl No.	Name of the Library	Location & address
1	Prafula Pathagar, Society for Development of Rural Literature	At-Odishagarh, Po-Ashrampatna, Dist-Jagatsinghpur
2	Sidheswar Pathagar & Club	At/Po- Raghunathpur, Dist-Jagatsinghpur
3	Utsharaga	At-Biridi, Po-Jankoli, Jagatsinghpur
4	Abhijit Memorial Library & Suchana Bhawan	At/Po/Block- Erasama
5	Azad Hind club	At/Po- Pankapal, Block-Kujanga
6	Ambedkar Memorial Organization	At/Po- Kujanga, Dist-Jagatsinghpur
7	Banibhaban Pathagara	At-Badapal, Po-Pankapal, Via-Rahama
8	Balunkeswar Ideal Club	At-Arada, Po-Erasama, Dist-Jagatsinghpur
9	Bapuji Seva Samiti	Erasama, Jagatsinghpur
10	Chanchakhai Yuvak Sangha	At-Talanga, Po-Gadibishnupur, Erasama
11	Nava Jyoti Club	At-Oradang, Po-Titira, Dist-Jagatsinghpur
12	Laxminarayan Yubak Sangha	At-Sadeيسان, Po-Anakhia
13	Indu Social & Rural Development Organization (ISRDO)	Panchapalli, Erasama
14	Anchalika Pathagara	Tarikund, Jagatsinghpur
15	Mother	Kimilo, Jarailo
16	Gram Vikash Sangha	Nagpur, Balikuda
17	Chandra Sekhar Cultural Society	Chandpur, Mahilo
18	Sanjay Smruti Sikhya Sanskruti Pratisthan	Adhanga Sasan, Anakhia
19	Kalinga Vikash	Arilo, Pipalmadhab
20	Kalamani Smruti Seva Sansthan	Nalibar, Redhua
21	Palli Vikash	Nalanga, Naugaon
22	Radha Krushna Club	Durga Bazar, Jagatsinghpur
23	Institute of Social Action (ISA)	Olanga, Po-Dhanua, Via-Tiran
24	Aum Biswanidev Sadhana Seva Sansthan	Erasama, Jagatsinghpur
25	Baneswari Pathagar	Chikinia, Tarapur
26	Rabindranath Pathagar	Mohanpur, Kanakpur
27	Ramadevi Pathagar	Kathiapada, Kaduapada
28	Maitri Sangha	Raghunathpur
29	Uttareswari Pathagar	Podaruan, Po-Marichipur, Apandara, Machhagaon
30	Basumata	Manguli, Parbatipur
31	Anchalika Yuba Parishad	At-Laxminarayan Hata, Po-Sankheswar, Tirtol
32	Avaya Seva Sangha	Purnagram
33	SRUJNEE	Karada, Redhua
34	Jagatsinghpur District Balbhawan	Baluvihar, Jagatsinghpur
35	Kishore Pathagar	Chasikhana, Anakhia
36	Laxminarayan Pathagar	Dingeswar, Palasole, Block-Jagatsinghpur
37	Prahallad Pathagar, INSAF	Khorat, Jagatsinghpur
38	PRAGATI	Balitutha, Kujanga
39	Sashirekha Children's Library	Ichhapur, Radhanga, Via-Nalibar
40	Mahatab Pathagar	At-Nasik, Po-Kotian, Via-Kaduapada

CHAPTER 16: CHILD CARE INSTITUTIONS

SI No.	Name & Address of the Organization	Total no. of children staying in the CCI	No. of Boys	No. of Girls	Name & contact details of the Shift-in-charge
1	Sishu Ashram, At/Po/Dist-Jagatsinghpur	74	24	50	Mr Anjaneya Acharya, Mob-9776209004
2	Shree Lokanath Sikshyashram, At-Nimidihi, Po-Paradeepgarh, Dist-Jagatsinghpur	53	20	33	Mr Dillip Kumar Gochhayat, Mob-9861487971

CHAPTER 17: PREPARATION AND IMPLEMENTATION OF DISTRICT DISASTER MANAGEMENT PLAN

17.1 Procedure for preparation of DDMP as per the DM act to be elaborated

Under Section 31 of Disaster Management Act 2005 (DM Act), it is mandatory on the part of District Disaster Management Authority (DDMA) to adopt a continuous and integrated process of planning, organizing, coordinating and implementing measures which are necessary and expedient for prevention as well as mitigation of disasters. DDMP shall include Hazard Vulnerability Capacity and Risk Assessment (HVCRA), prevention, mitigation, preparedness measures, response plan and procedures. These processes are to be incorporated in the developmental plans of the different departments and preparedness to meet the disaster and relief, rescue and rehabilitation thereafter, so as to minimize the loss to be suffered by the communities and are to be documented so that it is handy and accessible to the general public.

As per the DM Act 2005, DDMA Jagatsinghpur invited a meeting of all line departments and the members of DDMA to have a preliminary discussion on the formats given by SRC and OSDMA. A detailed discussion was made on the different formats and all the line departments issued instructions to provide necessary information so that all the required information will be incorporated in the DDMP. The processes followed to prepare the DDMP are given below:

1. A two day workshop was conducted at the State level to discuss the formats prepared by OSDMA as per the DM Act & NDMA guideline in Which DEO and DPO, OSDMA participated.
2. Stakeholders meeting at the Dist. level on the formats given.
3. Detailed discussion was made on the format.
4. Letters issued under the signature of Collector & DM to the line departments to provide the information with a dateline.
5. Reminders were also issued to the defaulting line departments under the signature of ADM.
6. DPO, Emergency visited some of the offices to collect information and also entrusted to prepare the DDMP under the active supervision of DEO.
7. A sharing meeting organized for DDMA members to have a discussion on the plan prepared and to identify the gaps.
8. Necessary suggestions from DDMA members incorporated in the plan and one round of follow up made to collect the missing data from the line departments.

9. DDMP was finalized with information from the line departments.
10. After finalization, DDMP placed for approval of Chairman, DDMA and finally submitted to SRC for necessary information.

17.2 Roles of ADM, DEO and Nodal Officers support from other line Departments to be defined:

ADM, Jagatsinghpur:

- ADM, Jagatsinghpur took the leading role in preparation of DDMP.
- Reminders issued to the line departments to provide the necessary data.
- Time to time reviewed the progress of preparation of DDMP by discussing with DEO and DPO, Emergency.

DEO, Jagatsinghpur:

- Actively supervised the preparation of DDMP.
- Time to time called different departments to provide the required information.
- Talked to the senior officials to the departments to provide necessary inputs from their department for preparation of DDMP.
- Time and again wrote mails to all to provide data.

Nodal Officers:

- Provided necessary support for data from their line departments.
- As huge data required from different departments, the Nodal officers took the pain of extracting the data from the files and provided to the Dist. Administration.

17.3 Support of line departments (for providing information) to be mentioned.

- Line departments provided necessary data, but as the DDMP process was started in the month of March, it was difficult on their part to devote time for the data.
- After required follow up, the administration managed to get some data from line departments.
- Some of the line departments such as CDMO, CDVO, Fisheries, DDA cooperated fully.
- More than two reminders were issued to the concerned departments to provide the information.
- Other departments provided data but after constant follow ups.

CHAPTER 18: LESSONS LEARNT AND DOCUMENTATION

The district of Jagatsinghpur sustained the most catastrophic damage associated with Super Cyclone in 1999, which was considered the state's severest cyclone of the 20th century. Twelve Odishan districts suffered severe damage, reporting complete breakdown of essential services in which Jagatsinghpur was the worst affected. The destruction wrought by the cyclone was caused a six-month-long total loss of normal livelihoods. Out of the total deaths of 9887 persons in the state, Jagatsinghpur alone was accounted for 8119 deaths, which very clearly depicts the gravity of the cyclone in the district. The heavy rains flattened thatched huts and damaged roads and other infrastructures. Over 70% of homes were destroyed; most of these were thatched homes, though 10-15% of non-thatch roofed homes were also destroyed. All major district roads were either washed out or blocked by felled

trees. The cyclone battered the entire district for more than eight hours. A tidal wave that swept across low-lying areas near the coast, wiped out entire villages

Standing crops were badly destroyed in the entire district while tens of thousands of livestock died. Because of contamination of drinking water by human bodies and decomposed carcasses of animals, hundreds of people contracted chronic diarrhoea and other illnesses. Damage sustained to various sanitation infrastructures led to a heightened risk of communicable disease outbreaks; indeed, diarrhoea and cholera saw increased incidences following the storm's impact.

The district administration, unprepared to handle a cyclone of such magnitude and with the cyclone tearing down bridges and making roads and railways impassable, rescue efforts were further hampered by the complete breakdown of all communication links with affected areas, and the continuing bad weather.

A stunned administration, perplexed by the severe enormity of the situation, was caught completely off guard. Assisted by relief aid from State Government, Indian Red Cross Society (IRCS) and several national and international relief organisations, relief and rehabilitation work continued for years.

Lack of preparedness, non-availability of institutional arrangements and SOPs and deficient response and recovery mechanisms multiplied with poor communication systems, increased the intensity of the cyclone in colossal extent. However it became a great learning for the district administration. Gathering the experiences of shortcomings and deficiencies, the district administration has established its stronghold in every sphere of disaster management. The greatest examples of this are the successful management of severe floods in 2003 and 2007 and Phailin in 2013.

The district administration has established a well crafted coordination mechanism with all Government and Non-Government organisations to cope up with any unexpected disasters. Similarly the administrative mechanisms have made themselves stronghold pertaining to management of any disasters with outlined and well defined SOPs. Further the extensive mitigation measures have prepared the administration to face any unforeseen circumstances at any juncture of the time.

CHAPTER 19 : Early Warning Dissemination System (EWDS)

Early Warning Dissemination System (EWDS) has been launched in Jagatsinghpur district by Special Relief Commissioner, Odisha. L & T Ltd has been engaged by the SRC as technical support organization for the purpose. The basic objectives of the EWDS are:

- To establish uninterrupted connectivity to the latest mile.
- To warn people about the possible disasters as early as possible
- Fastest and Strongest Warning System

It has the following components :

- Alter Siren
- Digital Mobile Radio (DMR)
- Mass Messaging System (MMS)
- Satellite Based Mobile Data Voice Terminal (SBMDVT)
- Universal Communication Interface (UCI)

In Jagatsinghpur district, it is established in 17 locations of three Blocks and District Headquarter. The detail list of the EWDS in Jagatsinghpur are as follows.

Sl No	Block	Village	Location	Alert Siren
1		District Hq	DEOC	Nil
2	Kujanga	Kujang	BEOC	Nil
3		Paradip	Paradip FH	FLC & Alert Siren
4		Sandhakuda	CISF Building	Alert Siren
5	Erasama	Erasama	BEOC	Nil
6		Govindpur	Govindpur MCS	Alert Siren
7		Ramtara	Ramtara IRCS Shelter	Alert Siren
8		Shahadabedi	Shaharabedi MCS	Alert Siren
9		Dhinkia	Dhinkia MCS	Alert Siren
10		Nuagaon	Nuagaon GP Office	Alert Siren
11		Noliasahi	Noliasahi MCS	Alert Siren
12		Polanga	Polanga School	Alert Siren
13		Siali (Padmapur)	Siali (Padmapur) GP office	Alert Siren
14	Balikuda	Balikuda	BEOC	Nil
15		Kusupur (Dandabedi)	Dandabedi MCS	Alert Siren
16		Baradia (Balijore)	Balijori MCS	Alert Siren
17		Bandar	Bandar Marine PS	FLC & Alert Siren

CHAPTER 20 : Aapada Mitra

National Disaster Management Authority (NDMA) through Odisha Disaster Management Authority (OSDMA) has implemented a centrally sponsored scheme focussed on Capacity Building of two hundred community level volunteers on disaster response in flood prone Jagatsinghpur district. This is being implemented by District Disaster Management Authority (DDMA), Jagatsinghpur.

All the approved eight batches of training programmes have been successfully completed by the district, in which two hundred community volunteers (Aapada Mitra) were trained by professional trainers from Civil Defence, Fire Services, St. John Ambulance, ODRAF, etc.. These trained community level volunteers are working as a band of resource pool for the district administration by extending their technical support from time to time.

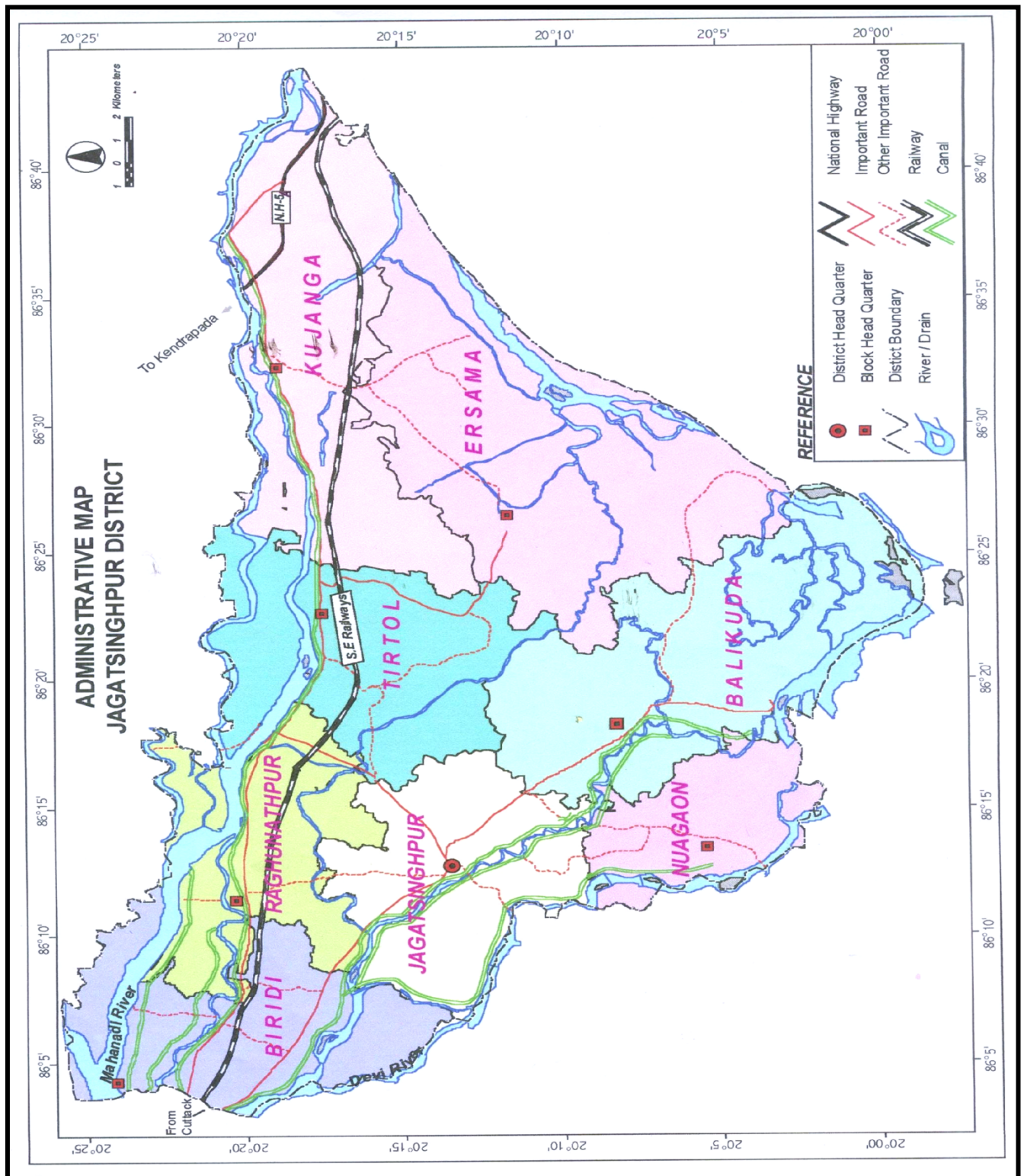
The Aapada Mitra Scheme was rolled out with following objectives :

- a. To train able-bodied community volunteers in disaster response (flood relief and rescue) at the block/ village level in the district. These trained volunteers will be called as Aapada Mitra.
- b. To develop standardized training modules for the set of trainings under the scheme
- c. To train the volunteers in life saving skills of disaster response, coordination and assistance, and provide personal protective equipment and emergency responder kit.
- d. To create a Community Emergency Stockpile/Reserve at the block/ village level containing essential light search and rescue equipments, medical first aid kits, etc.
- e. To disseminate training and education tools developed under the project to more number of flood prone villages in subsequent phases of the scheme

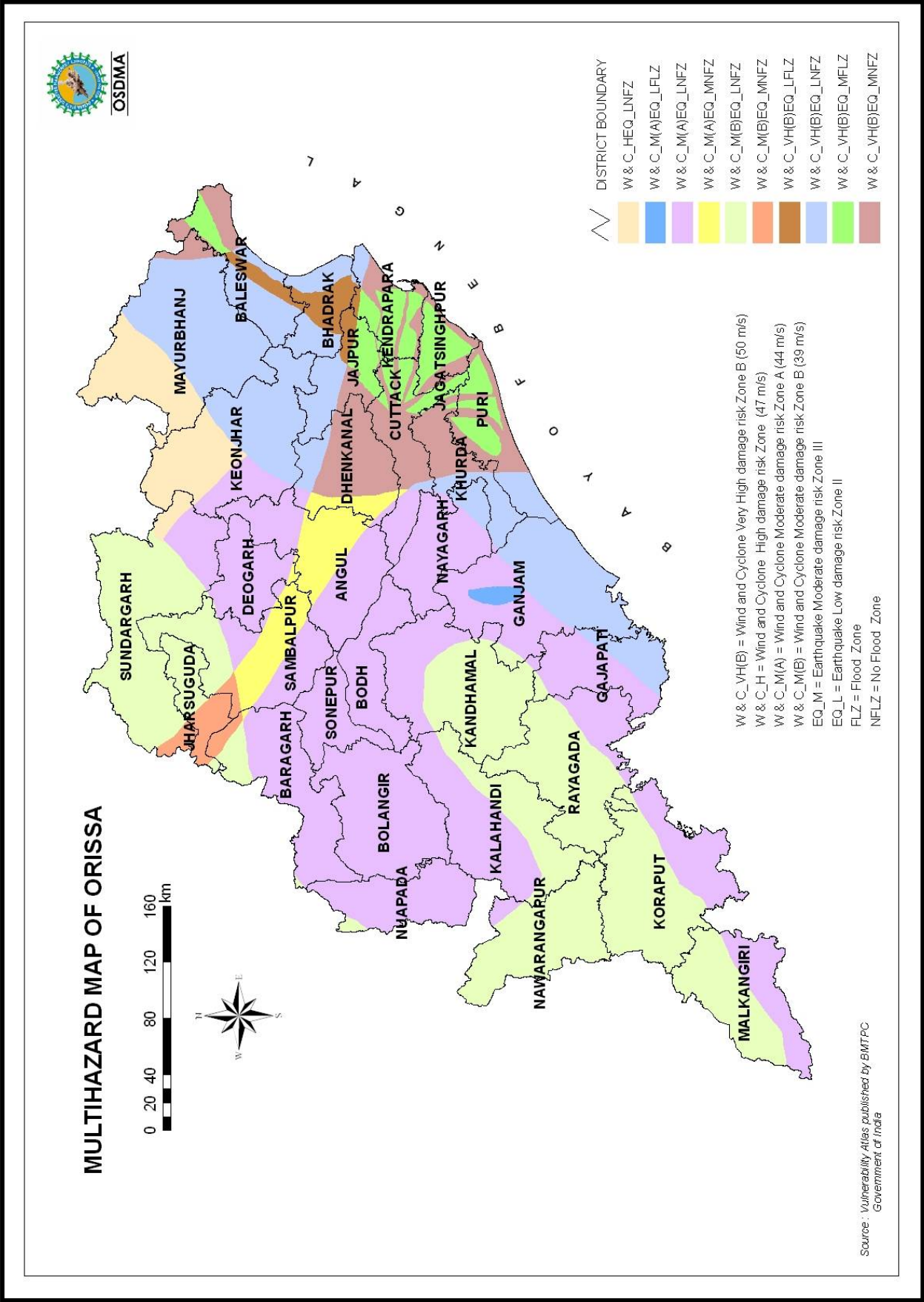
The list of two hundred trained Aapada Mitras is Annexed.

CHAPTER 21 : MAPS

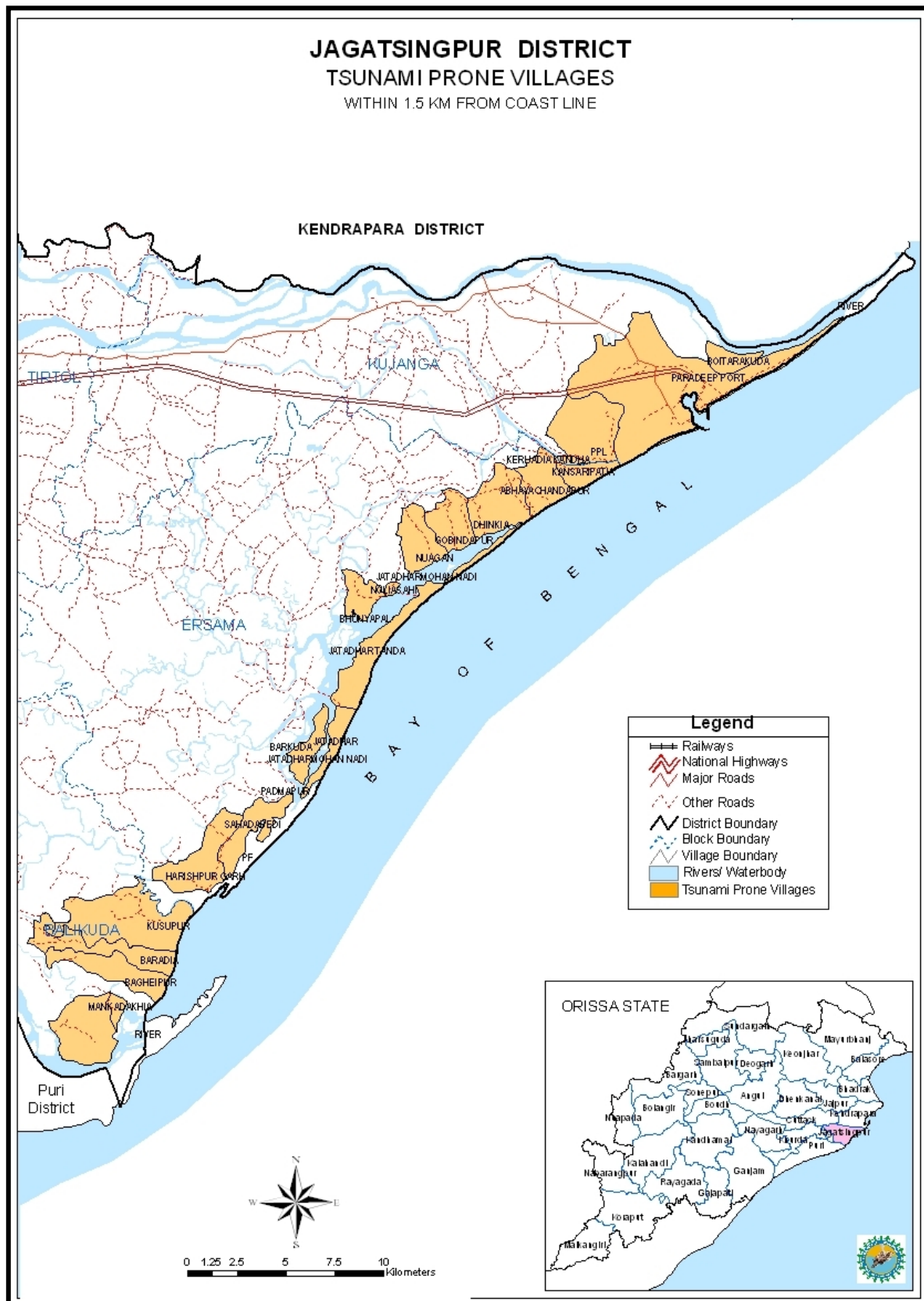
19.1 Administrative Map



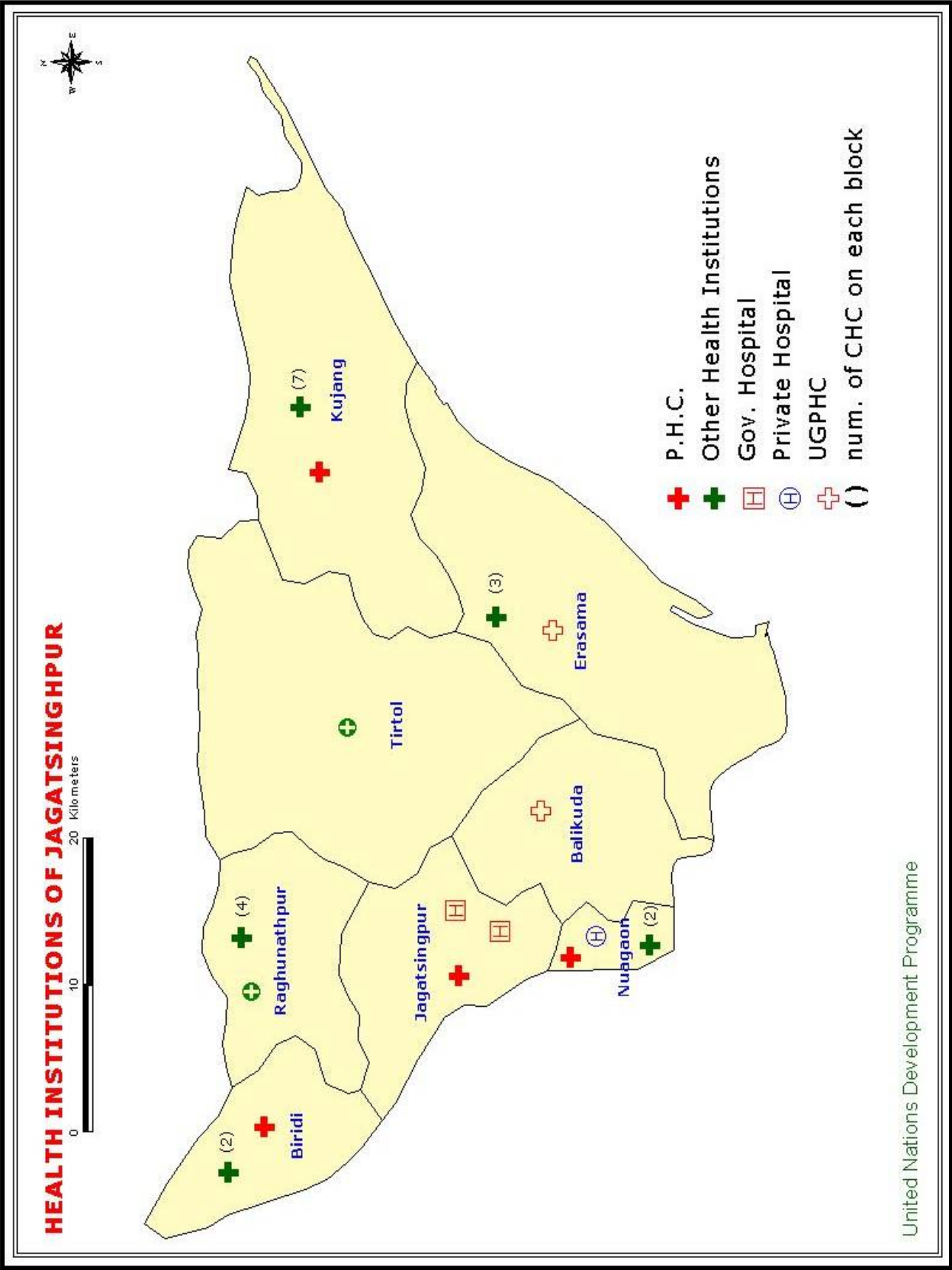
19.2 Map showing Multi-Hazard Zones



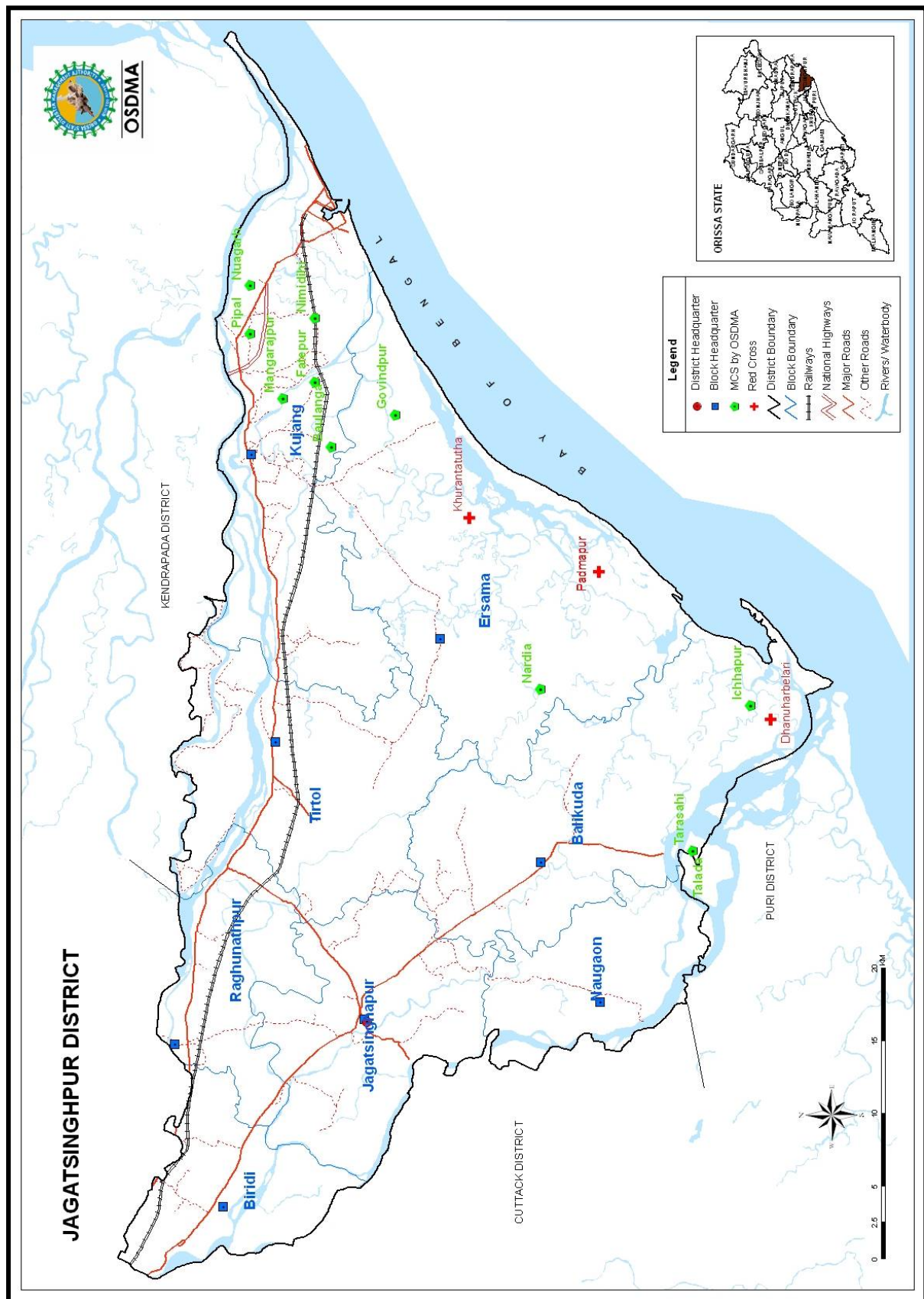
19.3 Map Showing TSUNAMI PRONE VILLAGES



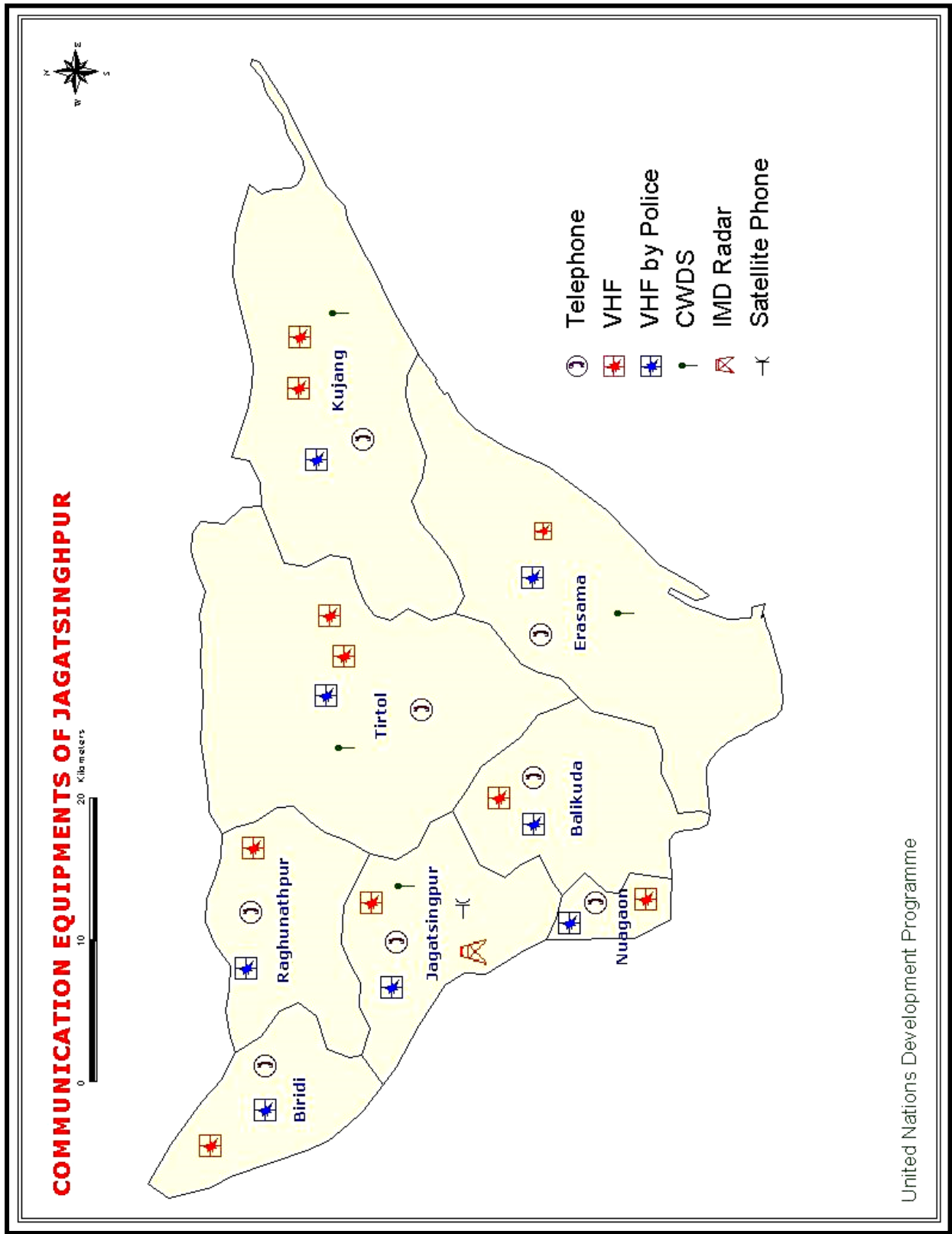
19.4 Maps Showing Health Institutions



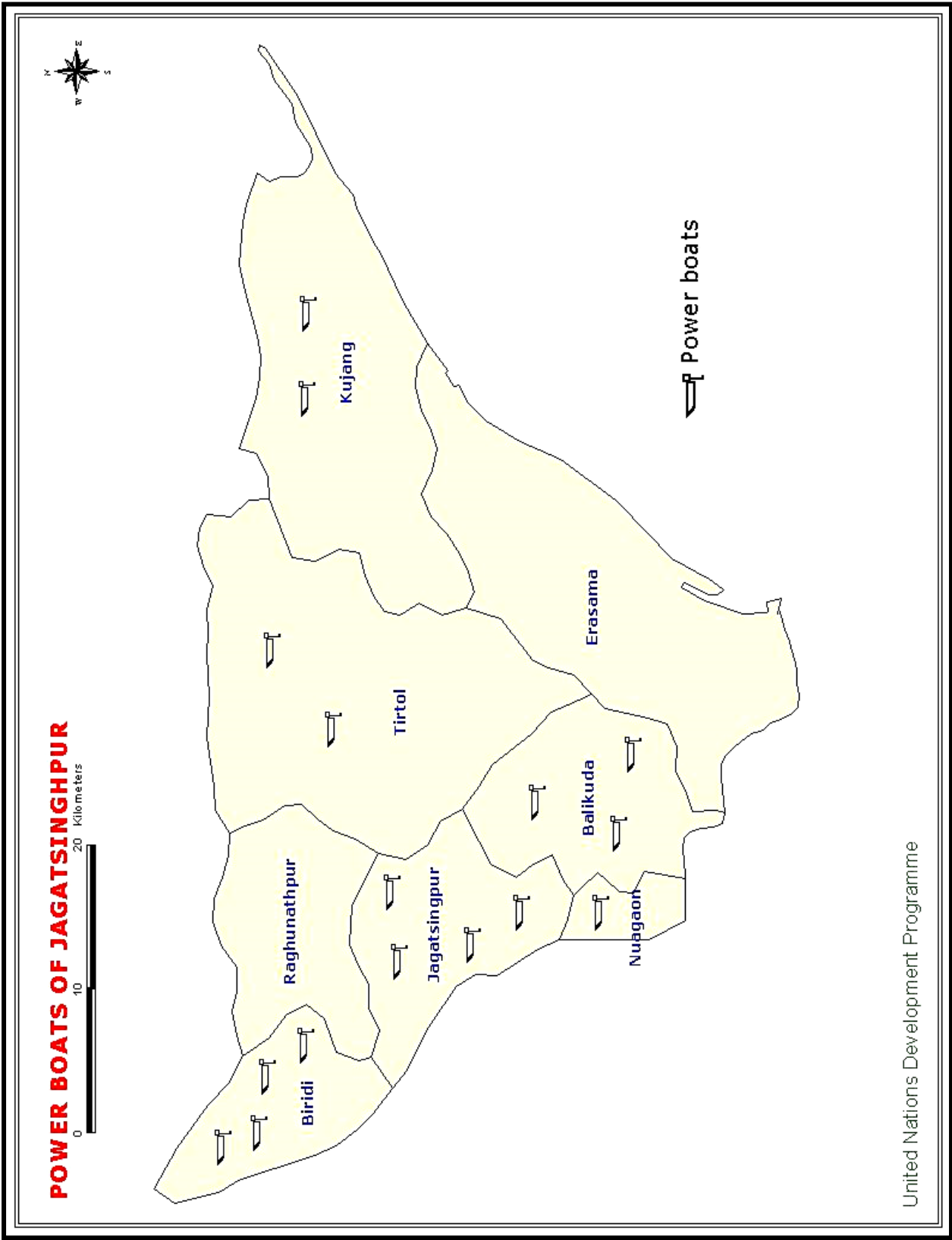
19.5 Cyclone/ Flood Shelters :



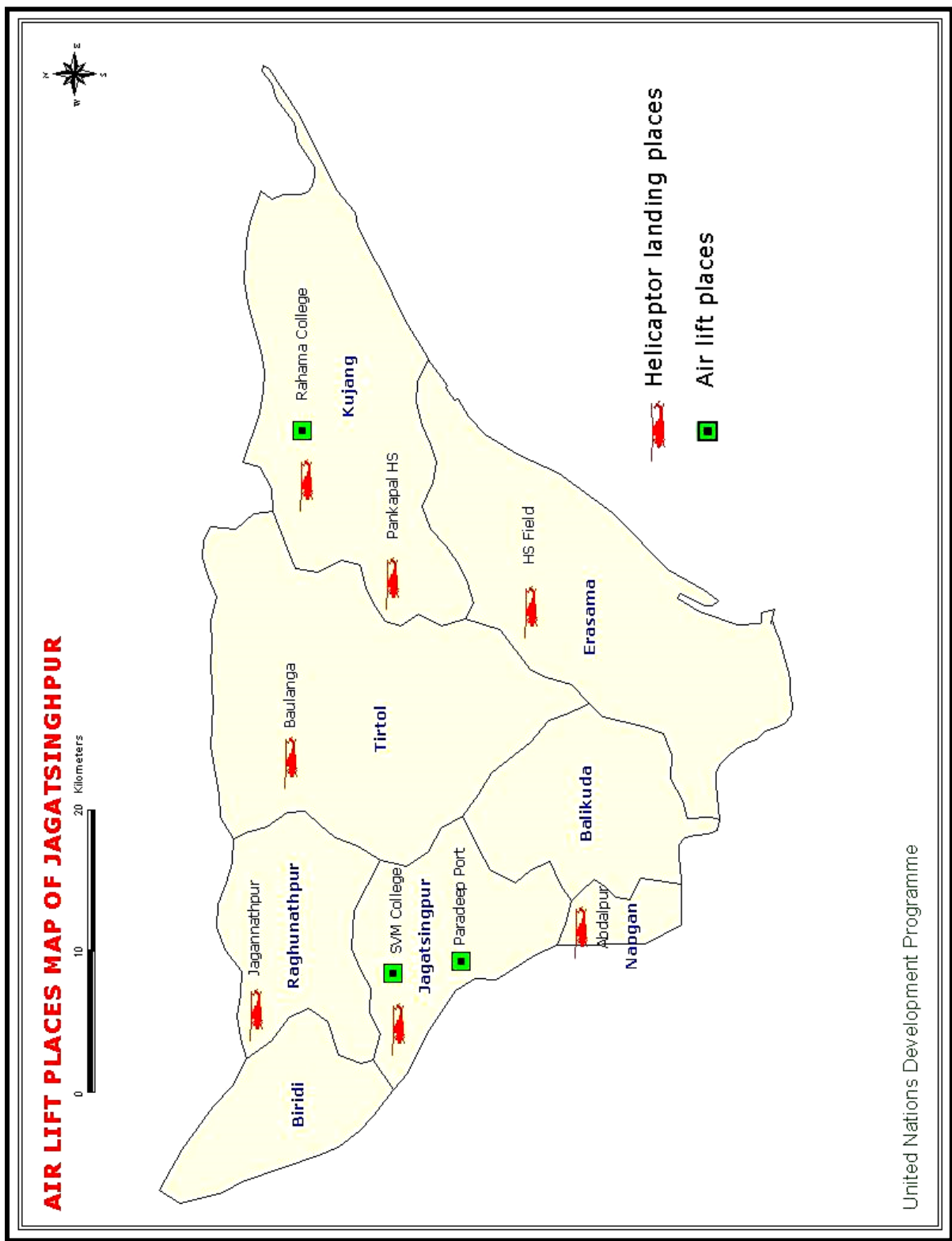
19.6 Wireless / V.H.F Station



19.7 Availability of Power Boats



19.8 Map showing Air Lift Places



ANNEXURES**ANNEXURE-I****LIST OF NGOs IN JAGATSINGHPUR DISTRICT**

Sl. No.	Name of the NGO	No. of Habited Villages allotted	No. Of GPs allotted	Name of the GPs allotted
1. Biridi Block				
1	Zilla Mahila Unnayan Parishad, At:Dandilo, Anakhia, Jagatsinghpur, Tel: 266212,	30	7	Sadheيسان, Sibapur, Arana, Batimira, Alando, Budhapada, Kulakaijanga, Sankhapur
2	CASD, At: Dihasahibiri, Baradia, Jagatsinghpur	46	14	Gopinathpur, Manguli, Ukundara, Adhanga, Adhanga Mazurai, Purana, Baradia, Bagalpur, Uttarasan, Hazipur, Daradagram, Badakhandeita
2. Jagatsinghpur Block				
3	JAGARAN, At: Atamula, Jagatsinghpur	11	2	Alipingala, Jasobantapur
4	Jana Kalyan Parishad, Bisipitala, Jagatsinghpur	10	2	Alla, Singharapur
5	AWARD/ASSOCIATION FOR WOMEN'S AND RURAL DEVELOPMENT/ AWARD At- Patasara, PO-Jankoti, Via- Jagatsinghpur 754103	40	7	Ayara, Jankoti, Khairanga, Palasola, Rambhadeipur, Tartanga, Tumbaandeisahi
6	RUSSA, SIPI Makundapur, Jagatsinghpur	26	3	Balarampur, Kaduapada, Mudupur,
7	Janmabhumi, Balikuda, Jagatsinghpur	19	2	Piteipur, Kantilo
8	RRAJP,	5	2	Madhusudanpur sasan, Mandashi
9	Antardrusti, Jayabada, Jagatsinghpur	13	3	Salijanga, Punanga, Odiso
10	INSAF/IDEAL NATIONAL SOCIETY FOR AWARENESS AND FURTHERANCE/ INSAF Guruniwas, Po-Taradapada Bazar 754103	15	3	Taradapada, Samanga, Sampur
11	ASIRVAD/ASSOCIATION FOR INTEGRATED RURAL AND BACKWARD AREA DEVELOPMENT/ ASIRBAD At- Pothapada, PO-Pally, Via- Jagatsinghpur - 754103 Phone-	7	1	Palli

	(06724) 265269			
12	CMG, Tumbaandehisahi, Jagatsinghpur	8	2	Patasara, Sabhamula
13	Saktirupa/SHAKTIRUPA SANGATHAN/SS At-Ghadimul, PO-Bada Mundilo, Via-Mandasahi- 754114 Phone-0671-2372860	8	2	Jahanpur, Patenigaon
3. Naugaon Block				
14	Janmabhumi/JANMA BHUMEE At/Po- Balikuda 754108 Phone- (06724) 238195	19	4	Dabur, Rohia, Osakana, Korua
15	VINA, Iswarpur, Balikuda, Jagatsinghpur	8	1	Alana
16	AID, Naugaonhata, Naugaon, Jagatsinghpur	28	4	Naugaon, Tiruna, Bachhalo, Ghodanso
17	Pragati Seva Pratisthan, Naugaonhata, Naugaon, Jagatsinghpur	13	3	Nuagaon, Galadhari, Gajarajpur
18	EOU, Naugaonhata, Naugaon, Jagatsinghpur	5	1	Jamugaon
19	GAP/GOPABANDHU AGRAGAMEE PARISHAD/ GAP At-Po-Naugaon Hat 754113 Phone-(06724) 33686	3	1	Bansho
20	CHARITY,	11	2	Deriki, Sikhara
4. Raghunathpur Block				
21	Nabajyoti Club/ NABA JYOTI CLUB / NJC At-Salijanga, Po- Redhua, Via-Nalibar- 754104	35	9	Chikinia, Tanra, Redhua, Puruna Basanta, Purana Odadapa, Raghunathpur, Eradanga, Manijanga, Mahammedpur
22	RDMSS, Tarapur, Jagatsinghpur	21	4	Gualipur, Tarapur, Dharadharapur, Jagannathpur
23	A A S H A At-PO-Purunabasanta, Via-Nalibar-754104 Phone- (06724)231184	8	2	Chhapada, Bidhyadharapur
24	Kalyana/KALYANA At-Jaisole, PO- Tarikund - 754115 Phone (06724) 263446/263257	4	2	Tarikunda, Jaisola
25	LALL	8	2	Sadeipur, Baragola
26	ARAG/ANTYODAYA RESEARCH AND ACTION GROUP/ ARAG At- Gamhapur, PO-Redhua Via- Nalibar- 754104 Phone- (06724)231489	9	2	Adheikula, Radhanga

27	ASK/ANTYODAYA SEVA KENDRA/ ASK At- Ramachandrapur, PO-Puruna Basant, Via-Nalibar- 754104	14	2	Babujanga, Uttarakula
5. Tirtol Block				
28	SAMADHAN/SAMADHAN At- Kiada, Po-Ambiki, Via-Erasama – 754139	15	3	Manijanga, Jadatira, Bisunpur
29	MANAV	81	6	Govindapur, Kosthimallikapur, Patara, Bodhei, Tarajanga, Patilo
30	ROSHNEE/URAL ORGANISATION FOR SOCIAL HEALTH, EDUCATION & ENVIRONMENT/ ROSHNEE At- Turukha, Po-Jhankad – 754138	25	3	Biritola, Mulisingh, Garam
31	MMP (Mahila Maitree Parishad), Tirtol, Jagatsinghpur	28	4	Sanra, Gopalpur, Poragadei, Kanakpur
32	PVSO/PANKAJINI VIKASH SOCIAL ORGANISATION/ PVSO At-Po-Tirtol - 754137 Phone- 250133	30	4	Krushananandapur, Gopalpur S, Kolar, Tirtol
33	VINA, Iswarpur, Balikuda, Jagatsinghpur	20	3	Dainlo, Kanimula, Samantarapur
34	MISS	8	1	Amberi
35	NOW/NATIONAL ORGANISATION OF WOMEN/ NOW At-Po-Srirampur, Via-Tiran- 754138 Phone (06722) 247428	33	3	Ibrisingh, Jagannathpur, Tulang
6. Balikuda Block				
37	VINA/FARR, Iswarpur, Balikuda, Jagatsinghpur		7	
38	UNNAYAN, Thailo, Balikuda, Jagatsinghpur		7	
7. Erasama Block				
40	Samadhan/SAMADHAN At-Kiada, Po-Ambiki, Via-Erasama - 754139			
8. Kujang Block				
41	Jyoti, CP: Rami Ranjan Mishra, At: Ranipada, Po: Bairakh, Via: Rahama, Dist: Jagatsinghpur Tel: 9937527890	50	8	Patapur, Paradeepgarh, Nuagarh, Biswali, Potanai, Garei, Bhutmundei, Palapada
42	Varasa, CP: Manas Ranjan Mohanty, At/Po: Kiadingiri, Via: Rahama, Jagatsinghpur, Tel: 9437272157	47	6	Pankapala, Pondua, Sailo, Badabalikani, Kathakot, Honsura
43	Nandighosa Service Group, At: mallasahi, Po: Taladanda, Via: Kujang, Jagatsinghpur, Tel:	37	9	Zillanasi, Mallasahi, Kujanga, Mangarajpur, Kothi, Bagoi, Banito,

	9861350744			Gorada, Bagadia
44	Kalinga Bharati, CP: Atal Bihari Das, Kujang, Jagatsinghpur	6	1	Balia
45	Arpan (Gopiakud), CP: Jagabandhu Ojha, Tel: 9861263044	9	2	Gopiakud, Gandakipur
46	SAHARA, Biswanath Parida	3	1	Fatepur
47	SRADHA			
	Grand Total	1229	198	

ANNEXURE-II

THE DETAILED LIST OF BOATS

Sl. No	Name of the private boat owner	Address	Size of boat with HP	Capacity	Contact No
1	2	3	4	5	6
1	Susanta Parida,S/o Chakradhar	Tentuliakhamar Post-Taladanda,,Kujang	20HP 36'X7'	60	9938456793
2	Alekha Parida,S/o Baraju	-do-	20HP / 36'X7'	60	9938427937
3	Khirod Parida,S/o Bholi	-do-	10HP / 32'x6'	50	-do-
4	Chuan Parida, S/o- Bhima	-do-	20HP / 36'X7'	60	9937762560
5	Mathuri Parida, S/o- Nakula	-do-	10HP / 32'x6'	60	-do-
6	Arakhita Behera,S/o Bihari	Zillanasi, Po-Taladanda,Kujang	10 HP	50	9937762560
7	Abhay Swain, S/o-Sundaramani	Tentuliakhamar Post-Taladanda,,Kujang	10 HP	50	-do-
8	Pravat Parida, S/o- Makar	-do-	20 HP/ 36'x7'	60	9938427937
9	Alekha Parida,Baraju	Tentuliakhamar Post-Taladanda,,Kujang	Country boat(hully),28' x6'	15	9938427937
10	Akhaya Parida S/o Braju	-do-	-do-	15	-do-
11	Ajaya Parida,S/o Baraju	-do-	-do-	15	-do-
12	Bijaya Parida,S/o Baraju	-do-	-do-	-do-	-do-
13	Basant Parida,S/o Bhaskar	-do-	-do-	-do-	-do-
14	Arakhita Behera, S/o Bihari	-do-	-do-	-do-	993776256
15	Kalandi Parida,S/o	-do-	-do-	-do-	-do-

16	Hiranya Parida, S/o	-do-	-do-	-do-	-do-
17	Mathuri Parida, S/o- Nakula	-do-	-do-	-do-	-do-
18	Raja Parida, S/o- Baraju	-do-	-do-	-do-	-do-
19	Nrusingha Parida, S/o-	-do-	-do-	-do-	-do-
20	Rabindra Parida,S/o	-do-	-do-	-do-	-do-
21	Babaji Parida, S/o- Nakula	-do-	-do-	-do-	-do-
22	Patan Parida, S/o- Arjun	-do-	-do-	-do-	-do-
23	Pabitra Parida, S/o- Nakula	-do-	-do-	-do-	-do-
24	Bikash Ray,S/o Bimal	Bhitaragarh,PO-	Power boat,	50	993847409
25	Raju Mandal, S/o- Hazari	Bijayachandapur, Po-	-do-	-do-	-do-
26	Sambhu Mistri, S/o- Haren	-do-	9.5 HP 30'x7'	40	-do-
27	Sambhu Mandal, S/o- Pada	-do-	-do-	50	993847409
28	Purusottam Tarai,S/o	Balarampur,PO-	Country	15	985334497
29	Jhari Tarai,S/o Abina	-do-	-do-	-do-	-do-
30	Charu Tarai,S/o Abhina	-do-	-do-	-do-	-do-
31	Panchu Behera,S/o Kelu	-do-	-do-	-do-	-do-
32	Nimain Behera,S/o Krushna	-do-	-do-	-do-	-do-
33	Nirakar Sethi, Dhobi	Pipal,PO-	10HP 33'x8'	50	985323664
34	Dhadi Sethi,S/o Kauri	-do-	10HP 32'x8'	-do-	-do-
35	Manoj Sethy, S/o-	-do-	-do-	-do-	955691932
36	Krushna Sethi S/o Nilamani	-do-	-do-	-do-	-do-
37	Dhobi Tarai,S/o Sananda	At/Po-Chaumuhani	10HP 34'x8'	-do-	985323664
38	Krushna Ch.Tarai,S/o	-do-	-do-	-do-	-do-
39	Nisakar Tarai,S/o –	-do-	-do-	-do-	-do-
40	Siba Tarai, S/o- Sananda	-do-	-do-	-do-	-do-
41	Kusha Tarai, S/o- Sananda	-do-	-do-	-do-	-do-
42	Nisakar Tarai,S/o –	-do-	10 HP 40'x10'	60	-do-
43	Mitu Tarai, S/o- Dhoba	-do-	-do-	-do-	-do-
44	Sarbeswar Tarai, S/o- Bata	-do-	-do-	-do-	977711865
45	Rasananda Tarai,S/o	-do-	-do-	-do-	-do-
46	Gopal Sethi S/o	Pipal,PO-	County boat,	15	-do-
47	Dhuleswar Sethi,S/o	-do-	-do-	-do-	-do-
48	Chhabindra Sethi,S/o	-do-	-do-	-do-	-do-
49	Arjuna Sethi,S/o Chuna	-do-	-do-	-do-	-do-
50	Umesh Tarai S/o- Shyama	-do-	-do-	-do-	985323664
51	Siba Majhi, S/o- Sankar	-do-	-do-	-do-	-do-
52	Sarbeswar Majhi,S/o Fakir	-do-	-do-	-do-	-do-
53	Prabir Tarai,S/o	-do-	-do-	-do-	-do-
54	Suresh Majhi,S/o Anam	-do-	-do-	-do-	-do-
55	Mantu Tarai, S/o- Naran	-do-	-do-	-do-	-do-
56	Adikanda Tarai,S/o Maguni	-do-	-do-	-do-	-do-
57	Pabita Sethi,S/o Satrugan	Jhimani,	-do-	15	955607534
58	Sunakar Sethi,S/o Magu	-do-	-do-	-do-	-do-
59	Gandharba Sethi,S/o Kelu	-do-	-do-	-do-	-do-
60	Rabindra Sethy, S/o- Budhi	-do-	-do-	-do-	-do-
61	Pravat Sethi, S/o-	-do-	-do-	-do-	-do-
62	Prafulla Sethi,S/o Kinei	-do-	-do-	-do-	-do-
63	Tapan Sethi,S/o Bikei	-do-	-do-	-do-	-do-
64	Bishnu Sethi,S/oKinei	-do-	-do-	-do-	-do-

65	Laxmidhar Sethi, S/o	-do-	-do-	-do-	-do-
66	Jatadhar Sethi, S/o Jairam	-do-	-do-	-do-	-do-
67	Narahari Sethi, S/o Dhadi	-do-	-do-	-do-	-do-
68	Maheswar Sethi, S/o	-do-	-do-	-do-	-do-
69	Akhaya Sethi, S/o Kinei	-do-	-do-	-do-	-do-
70	Sukanta Sethi, S/o Kinei	-do-	-do-	-do-	-do-
71	Alekha Sethi, S/o Rani	-do-	-do-	-do-	-do-
72	Ganeswar Sethi, S/o Godhi	-do-	-do-	-do-	-do-
73	Kangali Sethi, S/o Kasi	-do-	-do-	-do-	-do-
74	Pravakar Sethi, S/o Dhadi	-do-	-do-	-do-	-do-
75	Gouranga Sethi, S/o	-do-	-do-	-do-	-do-
76	Chhabindra Sethi, S/o Godhi	-do-	-do-	-do-	-do-
77	Babaji Sethi, S/o Rama	-do-	-do-	-do-	-do-
78	Kailash Sethi, S/o- Bholi	-do-	-do-	-do-	-do-
79	Babaji Sethi, S/o- Bhaskar	-do-	-do-	-do-	-do-
80	Ashok Sethi, S/o- Satrugan	-do-	-do-	-do-	-do-
81	Bidyadhar Sethi, s/o-	Jhimani	Country Boat	15	955607534
82	A.Narendra	Noliasahi, PO-	Power boat	40	993795437
83	Batakrushna Behera, S/o-	-do-	-do-	-do-	-do-
84	Bina Behera, S/o- Sudhakar	-do-	-do-	-do-	-do-
85	Padan Behera, S/o-	-do-	-do-	-do-	-do-
86	Ganesh Behera, S/o-	-do-	-do-	-do-	-do-
87	Nandi Behera, S/o- Krushna	-do-	-do-	-do-	-do-
88	Sunakar Behera	-do-	-do-	-do-	-do-
89	Rangadhar Behera, S/o	-do-	-do-	-do-	-do-
90	Narayan Behera, S/o-	-do-	-do-	-do-	-do-
91	Bhaskar Behera, S/o-	-do-	-do-	-do-	-do-
92	Rohita Behera, S/o- Dhruba	-do-	-do-	-do-	-do-
93	Sarat Behera, S/o- Dhruba	-do-	-do-	-do-	-do-
94	Dhruba Behera, S/o-	-do-	-do-	-do-	-do-
95	Prakash Behera, s/o-	-do-	-do-	-do-	-do-
96	Satyanarayan Behera, S/o-	-do-	-do-	-do-	-do-
97	Chhabita Rao, W/o-	-do-	-do-	-do-	-do-
98	Kailash Behera, S/o-	-do-	-do-	-do-	-do-
99	Purnananda Behera, S/o-	-do-	-do-	-do-	-do-
10	Madan Behera, S/o-	-do-	County Boat	15	-do-
10	Mahadeb Behera, S/o- Bata	-do-	-do-	-do-	-do-
10	Kalandi Behera, S/o- Bata	-do-	-do-	-do-	-do-
10	Anadi Behera, S/o- Niranjana	-do-	-do-	-do-	-do-
10	Bijay Behera, s/o- Anam	-do-	-do-	-do-	-do-
10	Kulamani Behera, S/o-	-do-	-do-	-do-	-do-
10	Sunakar Behera, S/o-	-do-	-do-	-do-	-do-
10	Ramaya Behera, S/o-	-do-	-do-	-do-	-do-
10	Raghunath Behera, S/o-	-do-	-do-	-do-	-do-
10	Chaityan Behera, S/o-	-do-	-do-	-do-	-do-
11	Indramani Behera, S/o-	-do-	-do-	-do-	-do-
11	Karunakar Behera, S/o-	-do-	-do-	-do-	-do-
11	Bholanath Behera, S/o-	-do-	-do-	-do-	-do-
11	Sudarsan Behera, S/o-	-do-	-do-	-do-	-do-

11	Bhaskar Behera, S/o-	-do-	-do-	-do-	-do-
11	Nishakar Behera, S/o-	-do-	-do-	-do-	-do-
11	Babaji Behera, S/o- Maseni	-do-	-do-	-do-	-do-
11	Hatakrushna behera, S/o-	-do-	-do-	-do-	-do-
11	Padan Behera, S/o-	-do-	-do-	-do-	-do-
11	Chhabhi Behera, S/o-	-do-	-do-	-do-	-do-
12	Dukhirama Behera, S/o-	-do-	-do-	-do-	-do-
12	Akshaya Behera, S/o-	-do-	-do-	-do-	-do-
12	Khira Behera, S/o-	-do-	-do-	-do-	-do-
12	Sanjay Behera, S/o-	-do-	-do-	-do-	-do-
12	Kartika Behera, S/o-	-do-	-do-	-do-	-do-
12	Banambar Behera, S/o-	At. Tarasahi, P.O-	Power Boat	30	993750637
12	Pramod Guru, s/o- Kanhu	-do-	-do-	-do-	-do-
12	Brajabandhu Behera, S/o-	-do-	-do-	-do-	-do-
12	Bipin Behera, S/o- Kulamani	-do-	-do-	-do-	-do-
12	Kasinath Behera, S/o-	-do-	-do-	-do-	-do-
13	Rushinath Behera, S/o-	-do-	-do-	-do-	-do-
13	Babaji Behera, S/o- Benu	-do-	-do-	-do-	-do-
13	Ajay Behera, S/o- Lokanath	-do-	-do-	-do-	-do-
13	Dhoi Guru, S/o- Sindhu	-do-	-do-	-do-	-do-
13	Khirod Behera, S/o- Ramu	-do-	-do-	-do-	-do-
13	Bhaskar Behera, S/o-	-do-	-do-	-do-	-do-
13	Kartika Behera, S/o-	-do-	-do-	-do-	-do-
13	Sankar Behera, S/o- Nabei	-do-	Country craft	15	-do-
13	Pratap behera, s/o- Dhruba	-do-	-do-	-do-	-do-
13	Akhaya Behera, S/o-	-do-	-do-	-do-	-do-
14	Bholanath Behera, S/o-	-do-	-do-	-do-	-do-
14	Sankar Behera, S/o-	-do-	-do-	-do-	-do-
14	Dusasan Behera, S/o-	-do-	-do-	-do-	-do-
14	Chaitan Behera, S/o-	-do-	-do-	-do-	-do-
14	Bhikari Behera, S/o- Daitari	-do-	-do-	-do-	-do-
14	Bugul Sahadev, S/o-	Sandhakud, Paradip	Power boat	30	993722910
14	Kamal Satyanarayan, S/o-	-do-	-do-	-do-	-do-
14	Marda Haribabu, S/o- K.M.	-do-	-do-	-do-	-do-
14	Musha Satyanarayan, S/o-	-do-	-do-	-do-	-do-
14	Odi Ankam, W/o- Kerudu	-do-	-do-	-do-	-do-
15	Paratata Rao, S/o- P.	-do-	-do-	-do-	-do-
15	Mailipili Solemi, W/o-	-do-	-do-	-do-	-do-
15	Gobindagaria, S/o-	-do-	-do-	-do-	-do-
15	Kariapparao, S/o-	-do-	-do-	-do-	-do-
15	Eripili Dandharaju	-do-	-do-	-do-	-do-
15	Benusatyanarayan, S/o-	-do-	-do-	-do-	-do-
15	Erapili Hembram, S/o-	-do-	-do-	-do-	-do-
15	Ajli Ramna, S/o- Apprao	-do-	-do-	-do-	-do-
15	Ajil Rajarao, S/o- Appna	-do-	-do-	-do-	993775399
15	Sorada Budhedu, S/o-	-do-	-do-	-do-	-do-
16	Onka Ramana, S/o- Babuli	-do-	-do-	-do-	-do-
16	Rakat Kasul, S/o- Maseni	-do-	-do-	-do-	-do-
16	Onka Nageswar Rao, S/o-	-do-	-do-	-do-	-do-

ANNEXURE - III**LIST OF CONTROL ROOMS OF VARIOUS DEPARTMENTS****Control Room at State Level:**

Department	Location	Telephone
Revenue & Disaster Management Department	Revenue control Room	0674-2390266
Special Relief Commissioner, Control Room	SRC, Office, Bhubaneswar	0674-2394320 / 2390161 / 2534177
Indian Meteorological Department	IMD, Bhubaneswar	0674-2596093 / 2596214 0674-2596010 / 2596116 / 2596093 (F)
Flood Control Room		0674-2395953
	Mundali, Cuttack	9937186222(WII)
Health	Disease Surveillance Cell / Heath Control Room	0674-2390466
Orissa State Disaster Management Authority (OSDMA)	2 nd Floor, Rajiv Bhawan, Bhubaneswar	0674-2395379 / 2395398 / 2396901 0674-2391871 (F)

Control Room at Dist. Level:

Department	Location	Telephone
Dist. EOC	Emergency Section	06724-220368 / 1077 (toll Free)
Police	SP Office	06724-220115
Health	CDMO Office	06724-220064
Irrigation	Office of the Exe. Engg., Irrigation	06724-220038
RWSS	Office of the RWSS Exe. Engg.	06724-223485
Veterinary	Office of the CDVO	06724-220091
National Highway		

Control Room at Block Level:

Block Control Room		Tahasil / Revenue Control Room		Police Control Room
Tirtol	06722-250439	Tirtol	06722-250427	06722-250433
Kujanga	06722-236232	Kujanga	06722-236223	06722-236260
Erasama	06722-246236	Erasama	06722-246063	06722-246266
Raghunathpur	06724-267747	Raghunathpur	06724-267150	06724-267765
Biridi	06724-268423	Biridi	06724-268768	06724-268424
Naugoan	06724-233621	Naugoan	06724-233184	06724-233607
Jagatsinghpur	06724-220085	Jagatsinghpur	06724-220364	06724-220037
Balikuda	06724-238226	Balikuda	06724-238221	06724-238238



District Disaster Management Plan Jagatsinghpur-2019-20

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DISTRICT DISASTER MANAGEMENT AUTHORITY
JAGATSINGHPUR



District Emergency Operation Center

Jagatsinghpur

Tele:06724-220368

Email:deojsp@gmail.com



DISTRICT DISASTER MANAGEMENT PLAN

JAGATSINGHPUR : 2019

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DISTRICT DISASTER MANAGEMENT AUTHORITY
Telephone : 06724-220368, E-mail : deojsp@gmail.com

DISTRICT DISASTER MANAGEMENT PLAN
JAGATSINGHPUR : 2019
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1.1 Administrative Set Up of Jagatsinghpur District

Sl. No.	Name of the Sub-Division	Name of the Block/ ULB	No. of Gram Panchayats	No. of Villages/ Wards	Name of the Tehsils	No. of RI Circles
1	Jagatsinghpur	Balikuda	30	230	Balikuda	13
2		Biridi	21	351	Biridi	7
3		Erasama	25	156	Erasama	13
4		Jagatsinghpur	29	172	Jagatsinghpur	9
5		Kujang	27	234	Kujang	10
6		Naugaon	16	251	Naugaon	5
7		Raghunathpur	19	289	Raghunathpur	6
8		Tirtol	26	246	Tirtol	13
9		Paradeep	5	18	Paradeep	-

1.2 Demographic Details

Sl. No	Name of the Block/ULB	Total Number of Families/HH	Category		Category				Category	
			Rural	Urban	SC	ST	OBC	GEN	BPL	APL
1	Balikuda	37,856	37,856	-	7,408	56	-	30,392	11,782	26074
2	Biridi	19,553	19,553	-	6,314	121	-	13118	7,033	12520
3	Erasama	33,703	33,703	-	6,646	189	-	26868	7,848	25855
4	Jagatsinghpur	41,366	32,176	9,190	8,036	87	-	33243	11,496	29870
5	Kujang	38,443	38,443	-	9,126	106	-	29211	8,666	29777
6	Naugaon	18,878	18,878	-	3,419	64	-	15395	5,348	13530
7	Raghunathpur	19,918	19,918	-	4,914	305	-	14699	6,549	13369
8	Tirtol	36,285	36,285	-	7,366	69	-	28850	11,167	25118
9	Paradeep	18,491	-	18,491	2,140	721	-	15630	3,902	14589

Source : Census-2011

1.3 Population and its Composition

Sl. No	Name of the Block/ ULB	Total			SC		ST		OBC	
		M	F	T	M	F	M	F	M	F
1	Balikuda	83801	81474	165275	16621	16457	127	133	-	-
2	Biridi	42227	40568	82795	13693	13189	177	245	-	-
3	Erasama	73593	72680	146273	14771	14743	359	270	-	-
4	Jagatsinghpur	71829	70138	141967	17633	17560	414	214	-	-
5	Kujang	90027	86038	176065	20992	20195	245	217	-	-
6	Naugaon	38943	38691	77634	7212	7225	120	143	-	-
7	Raghunathpur	42463	41138	83646	10388	10276	734	687	-	-
8	Tirtol	80443	80657	161100	16570	16677	198	189	-	-
9	Paradeep	39725	33650	73375	4797	4177	1578	1394	-	-

Source : Census-2011

1.4 Religion Wise Population Distribution

Sl. No.	Name of the Block/ ULB	Total Population	Category				
			Hindu	Muslim	Christian	Sikh	Others
1	Balikuda	164893	161189	3526	47	19	112
2	Biridi	82795	77544	5152	21	5	73
3	Erasama	106896	105338	1359	58	14	127
4	Jagatsinghpur	244570	227415	16664	140	17	334
5	Kujang	108944	107037	1601	66	25	215
6	Naugaon	78016	77865	17	21	19	94
7	Raghunathpur	63354	62423	511	55	7	358
8	Tirtol	215866	198697	16885	61	20	203
9	Paradeep	71637	68632	1214	1135	80	576

Source : Census-2011

1.5 Particularly Vulnerable Tribal Group (PVTG)

Sl. No.	Name of the PVTG/PTG	Total No. of Households	Population			Population (0-6 Years)	
			M	F	T	M	F
	N.A						

1.6 Age Group

Sl. No.	Category	Total Population	Male	Female
1	0-5 Years	110249	57155	53094
2	6-14 Years	173320	93592	79728
3	15-59 Years	771691		
4	60 Years and above	81711	46196	35515
Total		1136971	577865	559106

1.7 Sex Ratio of Jagatsinghpur

Sex Ratio (Females per 1000 males)	979
Sex Ratio (0-6 Years)	929

1.8 Literacy Status

Sl. No.	Literacy	Total	Male	Female
1	Literates	8,89,027	4,81,049	4,07,978
2	Literacy Rate	86.59	92.38	80.63

Sl. No.	Name of the Block/ ULB	% of Literacy
1	Balikuda	76.62
2	Biridi	79.18
3	Erasama	75.78
4	Jagatsinghpur	78.5
5	Kujang	79.55
6	Naugaon	76.82
7	Raghunathpur	81.35
8	Tirtol	82.18

1.9 Workforce Participation

Sl. No.	Category	Male	Female	Total
1	Workers	3,25,589	78,060	4,03,649
2	Main Workers	2,56,080	34,090	2,90,170
3	Marginal Workers	69,509	43,970	1,13,479
4	Non- Workers	2,52,276	4,81,046	7,33,322

Workforce Participation Rate: 35.50%

Male 28.40%

Female 7.10%

1.10 Land Holding Pattern

Sl. No.	Block	Land less HHs	Share Croppers	Marginal Farmers (<1.0 Ha.)	Small Farmers	Semi Medium	Medium Farmers (4.0 to < 10 Ha.)	Large Farmers (10.0 Ha. and above)	Average Size of Land Holding.
					(1.0 to < 2 Ha.)	(2.0 to <4.0 Ha.)			
1	Balikuda			17286	2599	620	20	5	0.772
2	Biridi			5930	721	133	30	0	0.685
3	Erasama			16848	3869	792	139	0	0.901
4	Jagatsinghpur ULB			2075	130	20	5	0	0.541
5	Jagatsinghpur			13184	1293	206	24	0	0.663
6	Kujang			14135	2822	619	42	0	0.846
7	Naugaon			9142	1225	132	37	0	0.702
8	Raghunathpur			7848	1329	211	26	4	0.807
9	Tirtol			14734	2304	279	14	0	0.734

Source : agcensus.nic.in

1.11 Housing Status

Sl. No.	Name of the Block/ ULB	Total No. of HHs	No. of Home less HHs	Houses			
				Total No.	Katcha Houses	Semi Pucca Houses	Pucca House
1	Balikuda	37856	0	37856	14680	5403	17773
2	Biridi	19553	162	19553	11254	2990	5309
3	Erasama	33703	171	33703	14742	4705	14256
4	Jagatsinghpur	41366	289	41366	8550	5145	27671
5	Kujang	38443	330	38443	11148	4957	22338
6	Naugaon	18878	98	18878	12997	2655	3226
7	Raghunathpur	19918	57	19918	16165	2362	1391
8	Tirtol	36285	310	36285	17654	4785	13846
9	Paradeep	18491	0	18491	176	1972	16343

1.12 Agriculture

Sl. No.	Name of the Block	Total Area (in Hectares.)	Cultivable Area	Net Sown Area	Irrigated Area
1	Balikuda	28520	16406	16103	12210
2	Biridi	10642	8332	8203	8105
3	Erasama	37111	18428	17806	4156
4	Jagatsinghpur	18388	14465	14411	13679
5	Kujang	27421	15695	15564	11233
6	Naugaon	11576	9142	9075	4085
7	Raghunathpur	9769	8070	7942	7891
8	Tirtol	22543	15332	15226	13625

1.13 Irrigation

Sl. No.	Block	Large and Medium Irrigation Projects		Minor Irrigation Project		Lift Irrigation Point(River)		LI points (Deep bore wells)		Others	
		Units	Ayacut Area inHa.	Units	Ayacut Area in Ha.	No.	Ayacut Area Ha.	No.	Aayacut area		
1	Balikuda	3	10248.6	4	1961.4						
2	Biridi	4	5045.64	6	3059.36						
3	Erasama		-	7	4156						
4	Jagatsinghpur	4	11557.65	3	2121.35						
5	Kujang		-	2	11233						
6	Naugaon	2	1216.44	2	2868.56						
7	Raghunathpur	3	3815.26	3	4075.74						
8	Tirtol	1	2199.34	7	11425.66						

1.14 Productivity of Major Crops in the District

Sl. No	Crop	Net Sown Area	Production (in Qtls.)	Consumption of Seeds (in Qtls.)	Consumption of Fertilizers (in Qtls.)	Consumption of Pesticides (in Qtls.)	Requirement of Loans (Rs. in Lakh)
1	Paddy (K)	86846	3328440				
2	Paddy (R)	1322	59410				
3	Wheat	5	10				
4	Maize	161	2910				
5	Bajra	5	42				
6	Ragi	Nil	Nil				
7	Milets	Nil	Nil				
8	Pulses	59737	242840				
9	Oil Seeds	7474	160340				
10	Vegetables	41684	4339340				
11	Sugarcane	782					
12	Jute	64	1280				

1.15 Storage and Market Facility

Sl. No.	Block	Storage Godowns		Cold Storage Units		No. of Permanent Mandis in the area	Others
		Nos.	Storage Capacity (in Qtls.)	Nos.	Storage Capacity		
1	Balikuda	15	1740	1	1240	1	
2	Biridi	10	1259	-	-	-	-
3	Erasama	8	1448	-	-	-	-
4	Jagatsinghpur	10	1001	1	1522	1	
5	Kujang	8	411	1	1450	1	
6	Naugaon	9	1329	-	-	-	-
7	Raghunathpur	10	1300	-	-	-	-
8	Tirtol	12	1040	-	-	-	-

1.16 Primary Agricultural Cooperative Societies

Sl. No.	Block	No. of PACs	No. of Farmers	Total amount of Seed distributed during last year (in Qtls.)	Total No. of Fertilizer distribution during last year (in Qtls.)	Total amount of Loan distributed (amount in Lakhs.)	Total amount of Paddy procured during previous season (K +R) amount in Qtls.
1	Balikuda	21					
2	Biridi	9					
3	Erasama	16					
4	Jagatsinghpur	16					
5	Kujang	18					
6	Naugaon	6					
7	Raghunathpur	12					
8	Tirtol	15					
	Total	113		144315	236600	1325.77	129237.5

1.17 Livestock in the District

Sl . No.	Block	Livestock Population				Requirement of Fodder in Qtls
		Milch Animals		Draught Animals		
		Cow, Buffalo	Sheep, Goat	Camel, Horse, Bullock	Donkey, Pony etc	
1	Balikuda	41202	21461	11146	17944	10684.21
2	Biridi	17696	13243	6201	76877	4911.83
3	Erasama	30101	10801	17503	18273	9628.81
4	Jagatsinghpur	30565	25394	8341	141342	8035.14
5	Kujang	34107	8842	12039	14049	9317.62
6	Naugaon	20432	15657	6360	3013	5514.97
7	Raghunathpur	16789	13448	4498	94530	4391.88
8	Tirtol	34057	22775	11544	77402	9347.95

1.18 Fisherman Community

Sl. No.	Name of the Block	Households	Population	No. of Boats/ Dugout Canoe etc.
1	Balikuda	230	910	
2	Biridi	-	-	-
3	Erasama	479	1360	
4	Jagatsinghpur	-	-	-
5	Kujang/ Paradeep	523	2080	
6	Naugaon	-	-	-
7	Raghunathpur	-	-	-
8	Tirtol	-	-	-

1.19 Fish Farms

Sl. No.	Name of the Block	No. of Fish Farms	Area in Ha.	No. of Farmers involved
1	Jagatsinghpur	19	3311.2	73
2	Biridi	27	3005.7	110
3	Balikuda	14	2018	52
4	Naugaon	16	538.2	64
5	Raghunathpur	18	567.2	78
6	Tirtol	37	1822.4	136
7	Kujang/ Paradeep	41	1390.2	172
8	Erasama	21	1165.3	88
Total		193	13818.2	773

1.20 Horticultural and other Plantations (Perennial Crops)

Sl. No.	Name of the Block	Type of Plantations	Area in Hectares	No. of Farmers Involved
1	Jagatsinghpur	Banana	6	28
2	Biridi	Cashew, Mango	12	82
3	Balikuda	Cashew, Beetle	19	64
4	Naugaon	Banana, Mango	14	55
5	Raghunathpur	Banana	2.5	23
6	Tirtol	Cashew	9	32
7	Kujang/ Paradeep	Beetle, Cashew	13	127
8	Erasama	Beetle	18	163

1.21 Sericulture

Sl. No.	Name of the Block	Area Under Sericulture Plantations (in Ha.)				No. of farmers involved
		Eri	Mulberry	Tassar	Muga	
1	Jagatsinghpur	-	-	-	-	-
2	Biridi	-	-	-	-	-
3	Balikuda	-	-	-	-	-
4	Naugaon	-	-	-	-	-
5	Raghunathpur	-	-	-	-	-
6	Tirtol	-	-	-	-	-
7	Kujang/ Paradeep	-	-	-	-	-
8	Erasama	-	-	-	-	-

1.22 Handloom and Handicraft Artisans

Sl. No.	Name of the Block	No. of Artisans		
		Handloom	Handicrafts	Others (to be specified)
1	Jagatsinghpur	-	70	
2	Biridi	-	120	
3	Balikuda	37	190	
4	Naugaon	-	46	
5	Raghunathpur	28	64	
6	Tirtol	-	35	
7	Kujang	-	20	
8	Erasama	-	73	

1.23 Employment and Livelihoods

Sl. No.	Block	Agriculture	Agricultural Labourers	Other Daily Wage Labourers	Animal Husbandry	Fishery	Business	Services	Others(to be specified)
1	Balikuda	17471	7495	14192	9085	910	824	2970	-
2	Biridi	5158	7276	10509	2682	30	800	877	-
3	Erasama	15324	6532	6569	7968	1360	719	2605	-
4	Jagatsinghpur	14728	15196	30171	7659	-	1672	2504	-
5	Kujang	10032	4386	12060	5217	64	482	1705	-
6	Naugaon	7696	3449	6346	4002	37	379	1308	-
7	Raghunathpur	11764	8462	9420	6117	28	931	2000	-
8	Tirtol	16218	9521	21796	8433	127	1047	2757	-
9	Jagatsinghpur ULB	712	929	7715	370	-	102	121	-
10	Paradeep ULB	78	108	22797	41	2080	1180	9281	-
Total		99181	63354	141575	51574	4636	8136	26128	-

1.24 Industries and Mining

Sl.	Block	Major Industries		MSME		Handloom Handicraft and Cottage Industries		Mining	
		Units	Persons Engaged	Units	Persons Engaged	Units	Persons Engaged	Units	Persons Engaged
1	Jagatsinghpur	-	-	3	191	5	70	-	-
2	Biridi	-	-	4	410	9	120	-	-
3	Balikuda	-	-	2	84	11	190	-	-
4	Naugaon	-	-	0	-	2	46	-	-
5	Raghunathpur	-	-	0	-	3	64	-	-
6	Tirtol	-	-	4	280	1	35	-	-
7	Kujang	-	-	3	110	1	20	-	-
8	Erasama	-	-	2	160	3	73	-	-
9	Paradeep	19	8633	46	2881	17	460	-	-

1.25 Availability of Educational Facilities

Sl. No.	Name of the Block	No. of Villages	No. of Villages having Primary School within the village	No. of Villages having Access to ME/ High School within 5 Km.
1	Jagatsinghpur	230	230	230
2	Biridi	351	351	351
3	Balikuda	156	156	156
4	Naugaon	172	172	172
5	Raghunathpur	234	234	234
6	Tirtol	251	251	251
7	Kujang	289	289	289
8	Erasama	246	246	246
9	Paradeep	18	18	18
Total		1947	1947	1947

1.26 Enrolment Status of Children (6-15 years)

Sl. No.	Name of the Block	Total No. of Children Enrolled	No. of Children Dropped Out	No. of Children Never Enrolled
1	Balikuda	3360	13	Nil
2	Biridi	4080	16	
3	Erasama	4440	18	
4	Jagatsinghpur	4680	19	
5	Kujang	3840	15	
6	Naugaon	4080	16	
7	Raghunathpur	4080	16	
8	Tirtol	1920	8	
9	Jagatsinghpur Municipality	600	2	
10	Paradeep Municipality	720	3	

1.27 Migration

Sl. No.	Block	No. of Migrating HHs	Migrating Population			Children (0-6 Years)		Children (7-14 years)	
			Male	Female	Total	M	F	M	F
1	Jagatsinghpur	12	21	16	37	-	-	-	-
2	Biridi	11	23	18	41	-	-	-	-
3	Balikuda	17	30	25	55	-	-	-	-
4	Naugaon	9	11	8	19	-	-	-	-
5	Raghunathpur	11	22	16	38	-	-	-	-
6	Tirtol	21	37	29	66	-	-	-	-
7	Kujang	28	51	38	89	-	-	-	-
8	Erasama	6	7	4	11	-	-	-	-

1.28 Electricity

Sl. No.	Name of the Block	Village Electrification				Household Electrification		
		Total No. of Villages	FE-Fully Electrified	PE-Partially Electrified	UE- Un-Electrified	Total No. of HHs	Electrified	UE
1	Balikuda	230	204	17	9	37856	36532	1324
2	Biridi	351	321	19	11	19553	18869	684
3	Erasama	156	138	12	6	33703	32524	1179
4	Jagatsinghpur	172	150	15	7	41366	39919	1447
5	Kujang	234	209	16	9	38443	37098	1345
6	Naugaon	251	229	12	10	18878	18218	660
7	Raghunathpur	289	259	18	12	19918	19221	697
8	Tirtol	246	222	14	10	36285	35016	1269

1.29 A Drinking Water

Sl. No.	Block/ ULBs	No. of villages having access to safe drinking water	No. of Villages/ hamlets affected by Fluoride	Affected Population	No. of Villages/ hamlets affected by Arsenic Contamination	Affected Population
1	Jagatsinghpur	163	-	-	-	-
2	Biridi	224	-	-	-	-
3	Balikuda	87	-	-	-	-
4	Naugaon	80	-	-	-	-
5	Raghunathpur	82	-	-	-	-
6	Tirtol	243	-	-	-	-
7	Kujang	159	-	-	-	-
8	Erasama	195	-	-	-	-

1.29 B Drinking Water

Sl. No.	Name of the Block	Total No. of Functional Tube Wells	Total No. of Sanitary Wells	Pipe Water Supply			
				No. of PWS	No. of Villages Covered	No. of Households	Length in Km.
1	Jagatsinghpur	2105	-	35	59	39185	
2	Biridi	1537	-	35	112	51628	
3	Balikuda	947	-	26	48	23272	
4	Naugaon	1484	-	25	40	25293	
5	Raghunathpur	1730	-	25	45	29364	
6	Tirtol	2167	-	36	114	46441	
7	Kujang	1623	-	32	94	46643	
8	Erasama	1403	-	31	113	41004	

1.30 Sanitation

Sl. No.	Name of the Block	Villages Sanitation				Total No. of Community Sanitary Complexes	Households		Schools	
		Total No.	No. of ODF Villages	No. of Villages having covered drains	Length in Km.		Total No. of HHs	No. of HHs having IHHL	Total No.	No. of Schools having functional Toilets
1	Jagatsinghpur	163	38	-	-	4	39185	7802	259	254
2	Biridi	224	14	-	-	2	51628	9561	286	274
3	Balikuda	87	11	-	-	2	23272	5915	256	237
4	Naugaon	80	13	-	-	2	25293	6370	146	136
5	Raghunathpur	82	8	-	-	2	29364	3974	150	145
6	Tirtol	244	17	-	-	0	46441	9200	280	273
7	Kujang	159	7	-	-	2	46643	10382	275	262
8	Erasama	195	10	-	-	2	41004	4107	288	277

1.31 ICDS/ Anganwadi

Sl. No.	Name of the Block	Total No. of Anganwadi Centers	No. of AWC having own pucca building	No. of Enrolled Children	No. of Severely Malnourished Children Referred during the year.	No. of Pregnant/ lactating mothers
1	Balikuda	252	73	13270	13	2039
2	Biridi	170	53	6632	17	1119
3	Erasama	239	98	12678	21	2030
4	Jagatsinghpur	286	95	14093	31	2693
5	Kujang	335	94	19523	22	3384
6	Naugaon	119	30	6713	15	1009
7	Raghunathpur	145	56	7032	10	1348
8	Tirtol	294	59	13867	22	2221
Total		1840	558	93808	151	15843

1.32 Major Health Indicators

Sl. No.	Block	Child Mortality Rate	Maternal Mortality Rate	Institutional Delivery in percentage	Immunization status of Children below 5 years in percentage	Any Other
1	Balikuda CHC	18	282	99	104	
2	Biridi CHC	20	277	92	94	
3	Erasama CHC	21	291	80	91	
4	Mandasahi CHC	11	244	92	85	
5	Jagatsingpur DHH	9	233	100	137	
6	Kujanga CHC	13	249	98	99	
7	Naugaon CHC	16	277	77	98	
8	Paradeep CHC	13	242	100	270	
9	Raghunathpur CHC	15	266	98	106	
10	Manijanga CHC	13	239	92	111	
11	Jagatsinghpur	14	260	99	101	

Incidence of Major Diseases during last 5 years

Sl. No.	Name of the Disease	Incidents/ Cases Treated	No. of Deaths due to disease
1	Malaria	81821	0
2	Jaundice	280	0
3	Pneumonia	1702	0
4	Diarrhea	16148	0
5	TB	2657	106

1.34 Source of Rural Credit

Sl. No.	Block	Source of Rural Credit in Percentage (%)							
		Government	Commercial/ Nationalized Banks Banks	RRBs	Cooperative Banks	SHGs/NGOs	Land lord/ Employers	Money Lenders	Others
1	Balikuda	-	10	3	1	4	-	-	
2	Biridi	-	6	2	1	6	-	-	
3	Erasama	-	10	2	1	5	-	-	
4	Jagatsinghpur	-	29	4	2	4	-	-	
5	Kujang	-	14	4	1	3	-	-	
6	Naugaon	-	3	2	1	5	-	-	
7	Raghunathpur	-	4	4	1	3.6	-	-	
8	Tirtol	-	7	6	1	3	-	-	
9	Paradeep Municipality	-	37	2	2	-	-	-	

1.35 Financial Inclusion

Sl. No.	Block	No. of HHs	No. of HHs in which at least one adult member having a Bank Account	No. of HHs covered under RSBY	No. of HHs covered under BKKY	No. of Persons covered under PMSBY	No. of Persons covered under PMJJBY	No. of HHs covered under AABY	No. Persons covered under Atala Pension Yojna
1	Balikuda	37856	25364	14928	3407	1741	1022	19924	681
2	Biridi	19553	13101	6652	1760	899	528	10291	352
3	Erasama	33703	22581	18072	3033	1550	910	17738	607
4	Jagatsinghpur	41366	27715	7165	3723	1903	1117	21772	745
5	Kujang	38443	25757	10861	3460	1768	1038	20233	692
6	Naugaon	18878	12648	5392	1699	868	510	9936	340
7	Raghunathpur	19918	13345	5409	1793	916	538	10483	359
8	Tirtol	36285	24311	5549	3266	1669	980	19097	653
9	Jagatsinghpur Municipality	-	12389	2143	1664	851	499	9732	333
10	Paradeep Municipality	18491	-	4344	-	-	-	-	-

1.36 Food Security (Public Distribution System)

Sl. No	Block/ ULB	No. of HHs	HHs covered under NFSA	Total No. of Beneficiaries	Consumption in qtls.		No. of PDS outlets in the block	Storage Points	
					Rice	Wheat		Nos.	Storage Capacity (in Qtls.)
1	Balikuda	37856	10978	26348	2656.70	603.8	30	30	4000
2	Biridi	19553	5670	13609	1372.22	311.9	21	21	2200
3	Erasama	33703	9774	23457	2365.27	537.6	25	25	3600
4	Jagatsinghpur	41366	11996	28791	2903.06	659.8	29	29	4600
5	Kujang	38443	11148	26756	2697.80	613.2	27	27	4200
6	Naugaon	18878	5475	13139	1324.85	301.1	16	16	2200
7	Raghunathpur	19918	5776	13863	1397.84	317.7	19	19	2200
8	Tirtol	36285	10523	25254	2546.46	578.7	26	26	4000
9	Paradeep Municipality	18491	5362	12870	1297.69	294.9	5	1	2200

1.37 Social Security

Sl. No.	Block	No. of Persons covered under Old Age Pension Schemes			No. of Persons Covered under Widow Pension	No. of Persons covered under Disability Pension		
		Male	Female	Total		Male	Female	Total
1	Balikuda	6649	5445	12094	4147	539	446	985
2	Biridi	3432	2822	6254	2328	436	354	790
3	Erasama	6134	5036	11170	3982	665	547	1212
4	Jagatsinghpur	6066	4965	11031	3483	687	568	1255
5	Kujang	6753	5425	12178	4626	611	502	1113
6	Naugaon	3592	2937	6529	2169	244	200	444
7	Raghunathpur	3655	2994	6649	2108	241	199	440
8	Tirtol	7448	5137	12585	4041	412	334	746
9	Jagatsinghpur Municipality	1411	1163	2574	751	67	52	119
10	Paradeep Municipality	462	377	839	434	80	62	142

1.38 Community/ Social Institutions

Sl. No.	Name of the Block/ ULB	Women Self Help Groups			Youth Clubs		Farmer's Clubs		Volunteers			
		Total No. of WSHGs	Total No. of women members	Total No. of SHGs Bank Linked	Total No.	Total Members	Total No.	Total Members	NYK	NSS	Civil Defense	BNV
1	Balikuda	2655	30416	1726	30	588	107	2140	100	-	-	-
2	Biridi	568	6431	369	21	411	105	2100	100	-	-	-
3	Erasama	1944	22561	1264	25	494	103	2060	100	-	-	-
4	Jagatsinghpur	1015	11182	660	29	691	100	2000	118	120	-	-
5	Kujang	2274	26303	1478	27	538	110	2200	100	180	-	-
6	Naugaon	700	8562	455	16	344	107	2140	100	-	-	-
7	Raghunathpur	696	8211	452	19	410	95	1900	100	-	-	-
8	Tirtol	1977	24007	1285	26	541	105	2100	100	120	-	-

1.39 Road Connectivity and Transport

Sl. No.	Block	Total No. of GPs	No. of GPs connected with the Block HQ with all weather road	Total No. of Villages	No. of Villages connected with GP HQ with all weather Roads	No. of Villages/ GPs having bus communication.	No. of Govt. and Private Buses Operating
1	Balikuda	25	25	230	230	230	23
2	Biridi	21	21	351	351	351	37
3	Erasama	26	26	156	156	156	9
4	Jagatsinghpur	30	30	172	172	172	41
5	Kujang	19	19	234	234	234	46
6	Naugaon	29	29	251	251	251	7
7	Raghunathpur	27	27	289	289	289	29
8	Tirtol	16	16	246	246	246	46

1.40 Road Network

Sl. No.	Block	N.H. (Length in Km.)	State Highways (Length in Km.)	District Roads(Length in Km.)	Rural Roads(Length in Km.)	GP/ PS Roads(Length in Km.)	Forest Roads (Length in Km.)	Other Roads
1	Jagatsinghpur	-	28	17	-	47	-	-
2	Biridi	-	9	-	-	37	-	-
3	Balikuda	-	11	-	-	41	-	-
4	Naugaon	-	-	-	-	23	-	-
5	Raghunathpur	18	-	-	-	19	-	-
6	Tirtol	12	-	11	-	28	-	-
7	Kujang	28	-	21	-	32	-	-
8	Erasama	-	17	-	-	26	-	-

1.41 Railway Network

Sl. No.	Block	Single Line (length in Km.)	Double Line (length in Km.)	Total No. of Railway Stations in the district
1	Jagatsinghpur	-	-	-
2	Biridi	-	-	-
3	Balikuda	-	-	-
4	Naugaon	-	-	-
5	Raghunathpur	-	14	-
6	Tirtol	-	12	1
7	Kujang	-	24	1
8	Erasama	-	-	-

1.42 Telecommunication and Internet Connectivity

Sl. No.	Name of the Block	No. of GP Offices having Phone and Internet Connectivity	Total No. of Mobile phone Towers	No. of villages covered by wireless mobile network	Percentage of Population covered by wireless network	No. of Community Radio Stations	No. of VHF stations	No. of HAM radios/ HAM radio stations	No. of E-Seva Kendras
1	Jagatsinghpur	25	37	230	100	-	-	1	16
2	Biridi	21	28	351	100	-	-	-	8
3	Balikuda	26	34	156	100	-	-	-	19
4	Naugaon	30	23	172	100	-	-	-	8
5	Raghunathpur	19	23	234	100	-	-	-	13
6	Tirtol	29	31	251	100	-	-	-	19
7	Kujang	27	51	289	100	-	-	-	21
8	Erasama	16	14	246	100	-	-	-	9

2.1 Educational Infrastructure and other Facilities

Sl. No.	Name of the Block	No. of Primary Schools	No. ME Schools	No. of High Schools	No. of Teachers	Teacher Pupil Ratio	No. of Colleges	No. of ITI/ Polytechnic/ Vocational Training Institutes
1	Balikuda	222	71	39	310	01:24.3	5	1
2	Biridi	168	61	34	261	01:21.2	3	1
3	Erasama	196	49	28	194	01:24.8	3	-
4	Jagatsinghpur	216	61	34	265	01:19.5	3	1
5	Kujang	102	61	34	257	01:30.6	5	1
6	Naugaon	187	25	16	151	01:26.8	3	-
7	Raghunathpur	182	57	32	291	01:25.1	5	-
8	Tirtol	224	67	37	304	01:30.4	4	2
9	Jagatsinghpur Municipality	14	3	5	74	01:28.9	3	2
10	Paradeep Municipality	11	5	6	84	01:30.7	1	2

2.2 Health Infrastructure

Sl. No.	Block	No. of Health Sub Centers	No. of PHCs	No. of CHCs	No. of Homeopathic/ Ayurvedic Hospitals	No. of Sub Divisional Hospitals	No. of District/ Private Hospitals	No. of MHUs	No. of Ambulances	Blood Banks
1	Balikuda	31	6	1	1	-	-	2	1	-
2	Biridi	15	2	1	2	-	-	2	0	-
3	Erasama	24	5	1	1	-	-	2	1	-
4	Jagatsinghpur	28	4	1	3	-	1	2	0	1
5	Kujanga	33	6	2	2	-	-	2	1	-
6	Naugaon	14	2	1	1	-	-	2	0	-
7	Raghunathpur	17	4	1	1	-	-	1	0	-
8	Tirtol	27	8	1	2	-	-	2	0	-
9	Jagatsinghpur Municipality	7	3	-	3	-	-	-	-	-
10	Paradeep Municipality	5	2	-	2	-	-	-	-	-

2.3 Human Resource Availability

Sl. No.	Block	No. of Doctors	No. of Paramedical Staffs	No. of ANMs	No. ASHAs	Others
1	Balikuda	7	21	38	171	
2	Biridi	3	10	18	75	
3	Erasama	5	20	30	142	
4	Kujanga	6	20	41	185	
5	Jagatsinghpur	4	17	33	150	
6	Manijanga	9	19	36	166	
7	Naugaon	3	14	17	79	
8	Raghunathpur	8	17	22	78	

2.4 Veterinary Infrastructure and Human Resource

Sl. No.	Block	Veterinary Hospitals	No. of Doctors	Livestock Aid Centers	No. of Livestock Inspectors	No. of Artificial Insemination Centers	Others (to be specified) (No. of Gomitra)
1	Jagatsinghpur	3	2	14	8	17	5
2	Biridi	1	2	9	3	10	9
3	Balikuda	2	3	11	7	13	9
4	Naugaon	1	2	7	3	7	2
5	Raghunathpur	1	2	11	6	12	8
6	Tirtol	2	2	15	11	16	1
7	Kujang	2	3	13	9	15	3
8	Erasama	1	2	9	8	10	9

2.5 Electrical Infrastructure

Sl. No.	Name of the Block/ ULB	No. of Grid Stations	No. of 33/11 KV Sub-stations	No. of Distributing Transformers			Conductor/ Electrical lines- 11 KV or less (length in Kms.)	No. of Poles	No. of High Tension Towers	High Tension lines above 11 KV (length in Kms.)
				10 KV or Less	16 KV < and <60KV	63 KV and above				
1	Jagatsinghpur	1	5	11	314	401	986.87	41795	-	-
2	Balikuda		2	8	299	167	515.91	25954	-	-
3	Naugaon		1	5	93	91	210.28	10822	-	-
4	Raghunathpur	1	1	0	85	97	264.25	10500	-	-
5	Biridi		2	5	143	104	338.07	13531	-	-
6	Kujang		3	8	244	181	382.34	12133	-	-
7	Erasama	1	1	5	110	106	221.32	11413	-	-
8	Tirtol		1	5	136	115	262	10289	-	-

2.6 Banks and Post Offices

Sl. No.	Block	Banks				No. of ATMs	Post Offices
		Commercial Banks	RRBs	Cooperative Banks	Other Banks		
1	Balikuda	10	3	1		7	32
2	Biridi	6	2	1		6	21
3	Erasama	10	2	1		6	24
4	Jagatsinghpur	29	4	2		23	43
5	Kujang	51	4	1		11	33
6	Naugaon	3	2	1		5	20
7	Raghunathpur	4	4	1		7	12
8	Tirtol	7	6	1		10	26
9	Paradeep Municipality	37	2	2		13	3

2.7 Police and Fire Services

Sl. No.	Name of the Block/ ULB	No. of Police Stations	No. of Police Personal	No. of Fire Stations	Human Resource
1	Jagatsinghpur	2	210	1	27
2	Biridi	1	34	1	19
3	Balikuda	1	28	1	12
4	Naugaon	1	30	1	11
5	Raghunathpur	1	27	1	17
6	Tirtol	1	42	1	22
7	Kujang	1	64	1	32
8	Erasama	1	32	1	13
9	Paradeep Municipality	3	273	-	-

3.1 Year wise details of disasters during last 10 Years (2008-2017)

Sl. No.	Disaster/ Incident	No. of incidents during (2006-2015)	No. of Deaths	Affected Population	Livestock Loss	Houses Damaged	Damage to Infrastructure				Damage and loss of Crop Area (in Hectares)
							School/ AWC Buildings	Hospitals	Road in Km.	Other Critical Infrastructure	
1	Flood	5	28	1.9 lakh	271	480	-	-	-	-	-
2	Drought	-	-	-	-	-	-	-	-	-	-
3	Fire	-	-	-	-	-	-	-	-	-	-
4	Hail Storm	-	-	-	-	-	-	-	-	-	-
5	Cyclone	1	-	-	-	-	-	-	-	-	-
6	Earthquake	-	-	-	-	-	-	-	-	-	-
7	Tsunami	-	-	-	-	-	-	-	-	-	-
8	Landslide	-	-	-	-	-	-	-	-	-	-
9	Avalanche	-	-	-	-	-	-	-	-	-	-
10	Cloud Burst	-	-	-	-	-	-	-	-	-	-
11	Pest Attack	-	-	-	-	-	-	-	-	-	-
12	Cold Wave/	-	-	-	-	-	-	-	-	-	-
State Specific Disasters as per Notification No.1936 Dt. 01.06.2015											
13	Lightning	12	12	12	-	-	-	-	-	-	-
14	Heat wave	9	23	23	-	-	-	-	-	-	-
15	Whirlwind	1	1	1	-	-	-	-	-	-	-
16	Tornado	-	-	-	-	-	-	-	-	-	-
17	Heavy Rain	-	-	-	-	-	-	-	-	-	-

Contd.....

3.1 Year wise details of disasters during last 10 Years (2008-2017)

17	Heavy Rain	-	-	-	-	-	-	-	-	-	-
18	Boat Accidents (Other than during Flood)	-	-	-	-	-	-	-	-	-	-
19	Drowning (Other than during Flood)	28	28	28	-	-	-	-	-	-	-
20	Snake Bite(Other than Flood)	17	17	17	-	-	-	-	-	-	-
Other Disasters											
21	Animal Menace	-	-	-	-	-	-	-	-	-	-
22	Building Collapse	-	-	-	-	-	-	-	-	-	-
23	Stampede	-	-	-	-	-	-	-	-	-	-
24	Epidemics	-	-	-	-	-	-	-	-	-	-
25	Industrial/ Chemical Accidents	-	-	-	-	-	-	-	-	-	-
26	Road Accidents	73	82	82	-	-	-	-	-	-	-
27	Railway Accidents	-	-	-	-	-	-	-	-	-	-
28	Hooch Incidents	-	-	-	-	-	-	-	-	-	-
29	Communal Riot	-	-	-	-	-	-	-	-	-	-
30	Dam Break/ Spill Way related flood.	-	-	-	-	-	-	-	-	-	-
31	Soil/ Coastal erosion	-	-	-	-	-	-	-	-	-	-

3.2 List of Villages Vulnerable to Different Disasters

Sl. No.	Name of the Block/ ULB	Name of the GP	Name of the Village/ Ward	Total No. of HHs	Total Population	Livestock	Cyclone	Tsunami	Flood	If Yes at column 'J' then mention the Causing Factor	Land Slide	Drought	If Yes at 'M' column then mention the Cultivable Area in Ha.	Lightning	Industrial / Chemical Accidents	If Yes at Column 'P' mention the Industry name	Drinking Water Crisis
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>I</i>	<i>J</i>	<i>K</i>	<i>L</i>	<i>M</i>	<i>N</i>	<i>O</i>	<i>P</i>	<i>Q</i>	<i>R</i>
1	Biridi	Uttarsasan	Uttarsasan Mahajan sahi	428	1781	51	Yes				No	No					No
2	Biridi	Uttarsasan	Upamunda	95	390	11	Yes				No	No					No
3	Biridi	Uttarsasan	Madhyasasan	311	1285	37	Yes				No	No					No
4	Biridi	Uttarsasan	Hanumantabrahmapur	18	83	2	Yes				No	No					No
5	Biridi	Uttarsasan	Nuagan	358	1465	42	Yes				No	No					No
6	Biridi	Sankhapur	Salijanga	182	798	21	Yes				No	No					No
7	Biridi	Sankhapur	Kalantira	242	1101	29	Yes				No	No					No
8	Biridi	Sankhapur	Sankhapur	58	285	7	Yes				No	No					No
9	Biridi	Sankhapur	Sarasudha	180	710	21	Yes				No	No					No
10	Biridi	Alando	Sahabad	120	521	14	Yes				No	No					No
11	Biridi	Alando	Alando	329	1409	39	Yes				No	No					No
12	Biridi	Alando	Manatira	427	1940	50	Yes				No	No					No
13	Biridi	Alando	Sankhandeita	0	0	0	Yes				No	No					No
14	Biridi	Badakhandeita	Patipur	112	503	13	Yes				No	No					No
15	Biridi	Badakhandeita	Gobindapur	87	388	10	Yes				No	No					No

3.2 List of Villages Vulnerable to Different Disasters

Sl. No.	Name of the Block/ ULB	Name of the GP	Name of the Village/ Ward	Total No. of HHs	Total Population	Livestock	Cyclone	Tsunami	Flood	If Yes at column 'J' then mention the Causing Factor	Land Slide	Drought	If Yes at 'M' column then mention the Cultivable Area in Ha.	Lightning
<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>E</i>	<i>F</i>	<i>G</i>	<i>H</i>	<i>I</i>	<i>J</i>	<i>K</i>	<i>L</i>	<i>M</i>	<i>N</i>	<i>O</i>
1	Biridi	Uttarsasan	Uttarsasan Mahajan sahi	428	1781	51	Yes				No	No		
2	Biridi	Uttarsasan	Uparamunda	95	390	11	Yes				No	No		
3	Biridi	Uttarsasan	Madhyasasan	311	1285	37	Yes				No	No		
4	Biridi	Uttarsasan	Hanumantabrahmapur	18	83	2	Yes				No	No		
5	Biridi	Uttarsasan	Nuagan	358	1465	42	Yes				No	No		
6	Biridi	Sankhapur	Salijanga	182	798	21	Yes				No	No		
7	Biridi	Sankhapur	Kalantira	242	1101	29	Yes				No	No		
8	Biridi	Sankhapur	Sankhapur	58	285	7	Yes				No	No		

9	Biridi	Sankhapur	Sarasudha	180	710	21	Yes				No	No		
10	Biridi	Alando	Sahabad	120	521	14	Yes				No	No		
11	Biridi	Alando	Alando	329	1409	39	Yes				No	No		
12	Biridi	Alando	Manatira	427	1940	50	Yes				No	No		
13	Biridi	Alando	Sankhandeita	0	0	0	Yes				No	No		
14	Biridi	Badakhandeita	Patipur	112	503	13	Yes				No	No		
15	Biridi	Badakhandeita	Gobindapur	87	388	10	Yes				No	No		
16	Biridi	Badakhandeita	Badakhandeita	239	1178	28	Yes				No	No		
17	Biridi	Badakhandeita	Arangabad	215	930	25	Yes				No	No		
18	Biridi	Badakhandeita	Tentulia	296	1284	35	Yes				No	No		
19	Biridi	Arana	Arana	293	1389	35	Yes				No	No		
20	Biridi	Arana	Maliancha	70	297	8	Yes				No	No		
21	Biridi	Arana	Paikarabati	97	422	11	Yes				No	No		
22	Biridi	Arana	Gothapada	72	274	8	Yes				No	No		
23	Biridi	Arana	Sarapur	6	28	1	Yes				No	No		
24	Biridi	Arana	Patuari	200	829	24	Yes				No	No		
25	Biridi	Arana	Kantuar	184	765	22	Yes				No	No		
26	Biridi	Arana	Kosala	43	171	5	Yes				No	No		
27	Biridi	Adhangagarh	Amulasahi	144	592	17	Yes				No	No		

28	Biridi	Adhangagarh	Adhangagarha	718	3057	85	Yes				No	No		
29	Biridi	Gopinathpur	Talpatak	295	1428	35	Yes				No	No		
30	Biridi	Gopinathpur	Balia	321	1210	38	Yes				No	No		
31	Biridi	Gopinathpur	Gopinathpur	807	3551	95	Yes				No	No		
32	Biridi	Kulakaijanga	Mohatol	153	566	18	Yes				No	No		
33	Biridi	Kulakaijanga	Kulakaijanga	565	2241	67	Yes				No	No		
34	Biridi	Kulakaijanga	Nuapari	122	530	14	Yes				No	No		
35	Biridi	Batimira	Haladiapada	299	1336	35	Yes				No	No		
36	Biridi	Batimira	Batimira	436	1809	51	Yes				No	No		
37	Biridi	Hajipur	Chandapur	450	1908	53	Yes				No	No		
38	Biridi	Hajipur	Hajipur	600	2389	71	Yes				No	No		
39	Biridi	Hajipur	Kamasasan	133	507	16	Yes				No	No		
40	Biridi	Hajipur	Kantapada	21	69	2	Yes				No	No		
41	Biridi	Manguli	Sankharisahi	438	1920	52	Yes				No	No		
42	Biridi	Manguli	Parbatipur	61	224	7	Yes				No	No		
43	Biridi	Manguli	Manguli	315	1364	37	Yes				No	No		
44	Biridi	Manguli	Parisankharisahi	78	327	9	Yes				No	No		
45	Biridi	Manguli	Sanawaubarai	61	206	7	Yes				No	No		
46	Biridi	Basandara	Basandara	697	2828	82	Yes				No	No		

47	Biridi	Basandara	Bambilo	153	640	18	Yes				No	No		
48	Biridi	Baredia	Nailo	112	459	13	Yes				No	No		
49	Biridi	Baredia	Gelapur	209	979	25	Yes				No	No		
50	Biridi	Baredia	Baredia	482	2174	57	Yes				No	No		
51	Biridi	Baredia	Dihasahibiri	182	879	21	Yes				No	No		
52	Biridi	Baredia	Nilamahal	3	18	0	Yes				No	No		
53	Biridi	Puran	Maindipur	156	628	18	Yes				No	No		
54	Biridi	Puran	Kamalpur	150	619	18	Yes				No	No		
55	Biridi	Puran	Chasikhanda	541	2249	64	Yes				No	No		
56	Biridi	Puran	Purana	536	2146	63	Yes				No	No		
57	Biridi	Bagalpur	Bagalpur	628	2487	74	Yes				No	No		
58	Biridi	Bagalpur	Samsidhipur	43	178	5	Yes				No	No		
59	Biridi	Bagalpur	Balapur	39	167	5	Yes				No	No		
60	Biridi	Adhangamajurai	Adhangamajurai	445	1759	53	Yes				No	No		
61	Biridi	Adhangamajurai	Barahpur	316	1384	37	Yes				No	No		
62	Biridi	Adhangamajurai	Padasahi	90	377	11	Yes				No	No		
63	Biridi	Budhapada	Nuadhana	458	2062	54	Yes				No	No		
64	Biridi	Budhapada	Pandia	43	199	5	Yes				No	No		
65	Biridi	Budhapada	Anantabrahmapur	31	120	4	Yes				No	No		

66	Biridi	Budhapada	Budha pada	361	1630	43	Yes				No	No		
67	Biridi	Daradagrama	Daradapari	284	1226	34	Yes				No	No		
68	Biridi	Daradagrama	Daradagrama	253	1153	30	Yes				No	No		
69	Biridi	Daradagrama	Daradasasan	173	772	20	Yes				No	No		
70	Biridi	Daradagrama	Khatuabati	21	89	2	Yes				No	No		
71	Biridi	Sadheisasan	Tanchhana Brahmapur	163	607	19	Yes				No	No		
72	Biridi	Sadheisasan	Anakhia	22	68	3	Yes				No	No		
73	Biridi	Sadheisasan	Dandilo	187	786	22	Yes				No	No		
74	Biridi	Sadheisasan	Sareisasan	514	2067	61	Yes				No	No		
75	Biridi	Sivapur	Sivapur	334	1291	39	Yes				No	No		
76	Biridi	Sivapur	Sankarpur	237	1035	28	Yes				No	No		
77	Biridi	Sivapur	Sareikana	88	335	10	Yes				No	No		
78	Biridi	Ukundara	Raghunathpur	271	1166	32	Yes				No	No		
79	Biridi	Ukundara	Sanakharamanga	94	395	11	Yes				No	No		
80	Biridi	Ukundara	Ukundara	490	2038	58	Yes				No	No		
81	Biridi	Ukundara	Alipada	68	325	8	Yes				No	No		
82	Raghunathpur	Raghunathpur	Sudubhuin	76	290	9	Yes				No	No		
83	Raghunathpur	Raghunathpur	Ajodhyapur	129	588	15	Yes				No	No		
84	Raghunathpur	Raghunathpur	Raghunathpur	515	2527	61	Yes				No	No		

85	Raghunathpur	Raghunathpur	Korkor	314	1545	37	Yes				No	No		
86	Raghunathpur	Raghunathpur	Chandapur	198	896	23	Yes				No	No		
87	Raghunathpur	Jaganathpur	Jaganathpur	991	3849	117	Yes				No	No		
88	Raghunathpur	Jaganathpur	Kandarpati	171	692	20	Yes				No	No		
89	Raghunathpur	Jaganathpur	Bachhuripada	17	81	2	Yes				No	No		
90	Raghunathpur	Jaganathpur	Kuamanga	476	1945	56	Yes				No	No		
91	Raghunathpur	Dharadharpur	Gopalpur	280	1221	33	Yes				No	No		
92	Raghunathpur	Dharadharpur	Bhasilpur	182	836	21	Yes				No	No		
93	Raghunathpur	Dharadharpur	Dharadharpur	548	2380	65	Yes				No	No		
94	Raghunathpur	Dharadharpur	Kotakana	138	596	16	Yes				No	No		
95	Raghunathpur	Dharadharpur	Nedala	8	35	1	Yes				No	No		
96	Raghunathpur	Gualipur	Aranga	201	802	24	Yes				No	No		
97	Raghunathpur	Gualipur	Patenigan	162	606	19	Yes				No	No		
98	Raghunathpur	Gualipur	Barti	161	666	19	Yes				No	No		
99	Raghunathpur	Gualipur	Kurtanga	155	740	18	Yes				No	No		
100	Raghunathpur	Gualipur	Kapaleswar	60	252	7	Yes				No	No		
101	Raghunathpur	Gualipur	Gurudia	24	87	3	Yes				No	No		
102	Raghunathpur	Gualipur	Gualipur	338	1303	40	Yes				No	No		
103	Raghunathpur	Gualipur	Radhanagar	163	750	19	Yes				No	No		

104	Raghunathpur	Tarpur	Tarpur	274	1303	32	Yes				No	No		
105	Raghunathpur	Tarpur	Gokulpur	249	1089	29	Yes				No	No		
106	Raghunathpur	Tarpur	Khandatari	187	896	22	Yes				No	No		
107	Raghunathpur	Tarpur	Harishpur	229	1001	27	Yes				No	No		
108	Raghunathpur	Tarpur	Achutapur	104	477	12	Yes				No	No		
109	Raghunathpur	Chikinia	Kaladhari	182	779	21	Yes				No	No		
110	Raghunathpur	Chikinia	Chikinia	568	2212	67	Yes				No	No		
111	Raghunathpur	Chikinia	Sanasalijsanga	0	0	0	Yes				No	No		
112	Raghunathpur	Chikinia	Erandapal	85	321	10	Yes				No	No		
113	Raghunathpur	Adheikul	Deuli	18	84	2	Yes				No	No		
114	Raghunathpur	Adheikul	Adheikul	308	1318	36	Yes				No	No		
115	Raghunathpur	Adheikul	Sanakorakor	175	652	21	Yes				No	No		
116	Raghunathpur	Adheikul	Badakorakor	350	1516	41	Yes				No	No		
117	Raghunathpur	Baragol	Garuala	151	541	18	Yes				No	No		
118	Raghunathpur	Baragol	Baragol	387	1528	46	Yes				No	No		
119	Raghunathpur	Baragol	Tihada	415	1700	49	Yes				No	No		
120	Raghunathpur	Tarikunda	Tarikunda	944	3809	111	Yes				No	No		
121	Raghunathpur	Tarikunda	Harirampatna	161	803	19	Yes				No	No		
122	Raghunathpur	Radhanga	Puja	53	200	6	Yes				No	No		

123	Raghunathpur	Radhanga	Kalinga	69	290	8	Yes				No	No		
124	Raghunathpur	Radhanga	Kusinga	6	24	1	Yes				No	No		
125	Raghunathpur	Radhanga	Jira	231	848	27	Yes				No	No		
126	Raghunathpur	Radhanga	Radhanga	320	1407	38	Yes				No	No		
127	Raghunathpur	Radhanga	Radhangabada	0	0	0	Yes				No	No		
128	Raghunathpur	Radhanga	Karimula	59	197	7	Yes				No	No		
129	Raghunathpur	Redhua	Gamhapur	235	1029	28	Yes				No	No		
130	Raghunathpur	Redhua	Mundalo	58	250	7	Yes				No	No		
131	Raghunathpur	Redhua	Redhua	600	2399	71	Yes				No	No		
132	Raghunathpur	Redhua	Ichhapur	148	585	17	Yes				No	No		
133	Raghunathpur	Redhua	Hatgrama	77	350	9	Yes				No	No		
134	Raghunathpur	Redhua	Areikana	43	181	5	Yes				No	No		
135	Raghunathpur	Redhua	Kathuachhak	0	0	0	Yes				No	No		
136	Raghunathpur	Redhua	Etigan	0	0	0	Yes				No	No		
137	Raghunathpur	Purunabasanta	Balansa	148	518	17	Yes				No	No		
138	Raghunathpur	Purunabasanta	Deulisahi	202	846	24	Yes				No	No		
139	Raghunathpur	Purunabasanta	Purunabasanta	422	1710	50	Yes				No	No		
140	Raghunathpur	Eradanga	Pitambarpur	114	555	13	Yes				No	No		
141	Raghunathpur	Eradanga	Gopalpur	290	1130	34	Yes				No	No		

142	Raghunathpur	Eradanga	Eradanga	439	1809	52	Yes				No	No		
143	Raghunathpur	Eradanga	Brahman badi	127	525	15	Yes				No	No		
144	Raghunathpur	Eradanga	Pandara	191	857	23	Yes				No	No		
145	Raghunathpur	Chhapada	Rahadinga	278	1172	33	Yes				No	No		
146	Raghunathpur	Chhapada	Jaipur	586	2678	69	Yes				No	No		
147	Raghunathpur	Chhapada	Chhapada	592	2736	70	Yes				No	No		
148	Raghunathpur	Chhapada	Neulia	84	403	10	Yes				No	No		
149	Raghunathpur	Bidyadharpur	Nuapada	168	707	20	Yes				No	No		
150	Raghunathpur	Bidyadharpur	Bidyadharapur	328	1493	39	Yes				No	No		
151	Raghunathpur	Bidyadharpur	Gandhan pada	39	167	5	Yes				No	No		
152	Raghunathpur	Bidyadharpur	Dondo	208	845	25	Yes				No	No		
153	Raghunathpur	Jaisol	Ranahata	202	791	24	Yes				No	No		
154	Raghunathpur	Jaisol	Satapuradhanipur	443	1702	52	Yes				No	No		
155	Raghunathpur	Jaisol	Jaisol	227	843	27	Yes				No	No		
156	Raghunathpur	Purunaodapada	Purunaodapada	574	2454	68	Yes				No	No		
157	Raghunathpur	Purunaodapada	Nehulia	47	146	6	Yes				No	No		
158	Raghunathpur	Purunaodapada	Mandarpur	0	0	0	Yes				No	No		
159	Raghunathpur	Purunaodapada	Anantapur	103	405	12	Yes				No	No		
160	Raghunathpur	Sadeipur	Banikunda	194	903	23	Yes				No	No		

161	Raghunathpur	Sadeipur	Sadeipur	465	1811	55	Yes				No	No		
162	Raghunathpur	Sadeipur	Jaganathpur	134	606	16	Yes				No	No		
163	Raghunathpur	Sadeipur	Swargabrahmapur	145	554	17	Yes				No	No		
164	Raghunathpur	Sadeipur	Routnuagan	188	760	22	Yes				No	No		
165	Raghunathpur	Tanara	Tanara	489	1975	58	Yes				No	No		
166	Raghunathpur	Tanara	Karada	102	378	12	Yes				No	No		
167	Raghunathpur	Tanara	Salijanga	231	1055	27	Yes				No	No		
168	Raghunathpur	Tanara	Ramchandrapur	165	636	19	Yes				No	No		
169	Jagatsinghapur	Rambhadeipur	Birabarpatana	170	742	20	Yes				No	No		
170	Jagatsinghapur	Rambhadeipur	Khusaliram Patana	48	216	6	Yes				No	No		
171	Jagatsinghapur	Rambhadeipur	Rambhadeipur	307	1181	36	Yes				No	No		
172	Jagatsinghapur	Rambhadeipur	Rohiapatana	33	168	4	Yes				No	No		
173	Jagatsinghapur	Rambhadeipur	Naranpur	170	714	20	Yes				No	No		
174	Jagatsinghapur	Rambhadeipur	Sanamandasahi	42	174	5	Yes				No	No		
175	Jagatsinghapur	Rambhadeipur	Kulamundilo	149	597	18	Yes				No	No		
176	Jagatsinghapur	Rambhadeipur	Jadilo	39	175	5	Yes				No	No		
177	Jagatsinghapur	Madhusudanpur Sasan	Kendal	467	2232	55	Yes				No	No		
178	Jagatsinghapur	Madhusudanpur Sasan	Madhusudanpur Sasan	362	1587	43	Yes				No	No		
179	Jagatsinghapur	Singharpur	Singarpur	890	4032	105	Yes				No	No		

180	Jagatsinghapur	Anla	Sanalahanga	77	288	9	Yes				No	No		
181	Jagatsinghapur	Anla	Bhokal	32	144	4	Yes				No	No		
182	Jagatsinghapur	Anla	Chandaganmajurai	205	919	24	Yes				No	No		
183	Jagatsinghapur	Anla	Mangalpur	412	1462	49	Yes				No	No		
184	Jagatsinghapur	Anla	Begunia	17	70	2	Yes				No	No		
185	Jagatsinghapur	Anla	Bisipitala	111	465	13	Yes				No	No		
186	Jagatsinghapur	Anla	Anla	225	948	27	Yes				No	No		
187	Jagatsinghapur	Anla	Makarampur	21	70	2	Yes				No	No		
188	Jagatsinghapur	Anla	Brahmankhanda	96	342	11	Yes				No	No		
189	Jagatsinghapur	Samanga	Samanga	614	2502	72	Yes				No	No		
190	Jagatsinghapur	Palasola	Gopala	90	428	11	Yes				No	No		
191	Jagatsinghapur	Palasola	Salijanga	9	40	1	Yes				No	No		
192	Jagatsinghapur	Palasola	Palasudha	220	976	26	Yes				No	No		
193	Jagatsinghapur	Palasola	Palasola	211	955	25	Yes				No	No		
194	Jagatsinghapur	Palasola	Dingeswar	141	657	17	Yes				No	No		
195	Jagatsinghapur	Palasola	Kolaramajurai	63	297	7	Yes				No	No		
196	Jagatsinghapur	Palasola	Makundapur	100	498	12	Yes				No	No		
197	Jagatsinghapur	Sampur	Gobindapokhari	134	465	16	Yes				No	No		
198	Jagatsinghapur	Sampur	Nuapada	78	386	9	Yes				No	No		

199	Jagatsinghapur	Sampur	Dedhaswardeuli	248	1057	29	Yes				No	No		
200	Jagatsinghapur	Sampur	Nimapada	73	281	9	Yes				No	No		
201	Jagatsinghapur	Sampur	Makhi	87	341	10	Yes				No	No		
202	Jagatsinghapur	Sampur	Banamalipur	55	231	6	Yes				No	No		
203	Jagatsinghapur	Sampur	Patana	466	1878	55	Yes				No	No		
204	Jagatsinghapur	Sampur	Sanpur	550	2253	65	Yes				No	No		
205	Jagatsinghapur	Taradapada	Badalahanga	120	499	14	Yes				No	No		
206	Jagatsinghapur	Taradapada	Basantapur	77	313	9	Yes				No	No		
207	Jagatsinghapur	Taradapada	Chandura	156	734	18	Yes				No	No		
208	Jagatsinghapur	Taradapada	Patenigan	219	1066	26	Yes				No	No		
209	Jagatsinghapur	Taradapada	Anandapur	59	304	7	Yes				No	No		
210	Jagatsinghapur	Taradapada	Taradapada	491	2228	58	Yes				No	No		
211	Jagatsinghapur	Punang	Banbarada	73	318	9	Yes				No	No		
212	Jagatsinghapur	Punang	Palada	70	278	8	Yes				No	No		
213	Jagatsinghapur	Punang	Manapur	116	515	14	Yes				No	No		
214	Jagatsinghapur	Punang	Baulapur	202	878	24	Yes				No	No		
215	Jagatsinghapur	Punang	Punanga	537	2158	63	Yes				No	No		
216	Jagatsinghapur	Jankoti	Beruhan	71	254	8	Yes				No	No		
217	Jagatsinghapur	Jankoti	Jankoti	284	1360	34	Yes				No	No		

218	Jagatsinghapur	Jankoti	Korkor	96	448	11	Yes				No	No		
219	Jagatsinghapur	Jankoti	Benupur	373	1855	44	Yes				No	No		
220	Jagatsinghapur	Jankoti	Biribati	70	288	8	Yes				No	No		
221	Jagatsinghapur	Mandasahi	Madhusudanpur	262	1126	31	Yes				No	No		
222	Jagatsinghapur	Mandasahi	Mandasahi	626	2912	74	Yes				No	No		
223	Jagatsinghapur	Mandasahi	Titigan	249	1091	29	Yes				No	No		
224	Jagatsinghapur	Kantilo	Kantilo	258	1140	30	Yes				No	No		
225	Jagatsinghapur	Kantilo	Ghadimul	278	1170	33	Yes				No	No		
226	Jagatsinghapur	Kantilo	Mundilo	296	1225	35	Yes				No	No		
227	Jagatsinghapur	Kantilo	Bhokanji	253	1032	30	Yes				No	No		
228	Jagatsinghapur	Kantilo	Kosida	93	425	11	Yes				No	No		
229	Jagatsinghapur	Patenigaon	Bionla	301	1209	36	Yes				No	No		
230	Jagatsinghapur	Patenigaon	Patenigan	272	1155	32	Yes				No	No		
231	Jagatsinghapur	Patenigaon	Nakulanga	142	528	17	Yes				No	No		
232	Jagatsinghapur	Patenigaon	Urali	264	1116	31	Yes				No	No		
233	Jagatsinghapur	Patenigaon	Tarada	317	1309	37	Yes				No	No		
234	Jagatsinghapur	Sabhamul	Savamula	314	1218	37	Yes				No	No		
235	Jagatsinghapur	Sabhamul	Sarambo	180	722	21	Yes				No	No		
236	Jagatsinghapur	Sabhamul	Palasa	384	1623	45	Yes				No	No		

237	Jagatsinghapur	Sabhamul	Kodala	102	442	12	Yes				No	No		
238	Jagatsinghapur	Jasabantapur	Jasabantapur	576	2665	68	Yes				No	No		
239	Jagatsinghapur	Jasabantapur	Benukhanda	135	674	16	Yes				No	No		
240	Jagatsinghapur	Jasabantapur	Rasalpur	514	2498	61	Yes				No	No		
241	Jagatsinghapur	Piteipur	Dhoti	0	0	0	Yes				No	No		
242	Jagatsinghapur	Piteipur	Nepur	379	1718	45	Yes				No	No		
243	Jagatsinghapur	Piteipur	Alasudha	407	1638	48	Yes				No	No		
244	Jagatsinghapur	Piteipur	Biraballavpur	39	210	5	Yes				No	No		
245	Jagatsinghapur	Piteipur	Kalioda	100	432	12	Yes				No	No		
246	Jagatsinghapur	Piteipur	Kokilapur	172	839	20	Yes				No	No		
247	Jagatsinghapur	Piteipur	Piteipur	192	876	23	Yes				No	No		
248	Jagatsinghapur	Piteipur	Panasapada	106	530	13	Yes				No	No		
249	Jagatsinghapur	Piteipur	Denga	258	1219	30	Yes				No	No		
250	Jagatsinghapur	Piteipur	Bhagabanpur	258	1182	30	Yes				No	No		
251	Jagatsinghapur	Piteipur	Mallapur	34	166	4	Yes				No	No		
252	Jagatsinghapur	Piteipur	Ugalpur	59	306	7	Yes				No	No		
253	Jagatsinghapur	Piteipur	Manapur	6	23	1	Yes				No	No		
254	Jagatsinghapur	Piteipur	Kanpur	138	702	16	Yes				No	No		
255	Jagatsinghapur	Piteipur	Bhogapur	22	112	3	Yes				No	No		

256	Jagatsinghapur	Balarampur	Durgapur	16	75	2	Yes				No	No		
257	Jagatsinghapur	Balarampur	Dondo	136	601	16	Yes				No	No		
258	Jagatsinghapur	Balarampur	Baijanga	96	410	11	Yes				No	No		
259	Jagatsinghapur	Balarampur	Balarampur	165	700	19	Yes				No	No		
260	Jagatsinghapur	Balarampur	Gopa	113	508	13	Yes				No	No		
261	Jagatsinghapur	Balarampur	Bachhapada	0	0	0	Yes				No	No		
262	Jagatsinghapur	Balarampur	Pokapur	59	249	7	Yes				No	No		
263	Jagatsinghapur	Balarampur	Kathiapada	367	1711	43	Yes				No	No		
264	Jagatsinghapur	Balarampur	Singipur	217	1022	26	Yes				No	No		
265	Jagatsinghapur	Balarampur	Kalyanpur	121	656	14	Yes				No	No		
266	Jagatsinghapur	Odiso	Abidyanandapur	319	1411	38	Yes				No	No		
267	Jagatsinghapur	Odiso	Odiso	804	3619	95	Yes				No	No		
268	Jagatsinghapur	Odiso	Santola	62	288	7	Yes				No	No		
269	Jagatsinghapur	Odiso	Etapada	54	269	6	Yes				No	No		
270	Jagatsinghapur	Odiso	Santarapur	207	968	24	Yes				No	No		
271	Jagatsinghapur	Alipingala	Adhanga	161	735	19	Yes				No	No		
272	Jagatsinghapur	Alipingala	Alipingal	551	2479	65	Yes				No	No		
273	Jagatsinghapur	Alipingala	Kolar	132	504	16	Yes				No	No		
274	Jagatsinghapur	Alipingala	Fulahar	225	856	27	Yes				No	No		

275	Jagatsinghapur	Alipingala	Salagan	241	1012	28	Yes				No	No		
276	Jagatsinghapur	Alipingala	Salanti	37	155	4	Yes				No	No		
277	Jagatsinghapur	Alipingala	Korua	76	282	9	Yes				No	No		
278	Jagatsinghapur	Tumba Andeisahi	Purusotampur	127	560	15	Yes				No	No		
279	Jagatsinghapur	Tumba Andeisahi	Chadheigan	168	745	20	Yes				No	No		
280	Jagatsinghapur	Tumba Andeisahi	Agara	155	693	18	Yes				No	No		
281	Jagatsinghapur	Tumba Andeisahi	Haladia	34	152	4	Yes				No	No		
282	Jagatsinghapur	Tumba Andeisahi	Tuumbaandeisahi	246	968	29	Yes				No	No		
283	Jagatsinghapur	Tumba Andeisahi	Badaro	0	0	0	Yes				No	No		
284	Jagatsinghapur	Tumba Andeisahi	Brahamanigan	0	0	0	Yes				No	No		
285	Jagatsinghapur	Tumba Andeisahi	Sainto	160	700	19	Yes				No	No		
286	Jagatsinghapur	Tumba Andeisahi	Mahirabrahmapur	25	119	3	Yes				No	No		
287	Jagatsinghapur	Tumba Andeisahi	Mahira	223	850	26	Yes				No	No		
288	Jagatsinghapur	Tumba Andeisahi	Koratala	91	411	11	Yes				No	No		
289	Jagatsinghapur	Salajanga	Jotta	560	2605	66	Yes				No	No		
290	Jagatsinghapur	Salajanga	Salajanga	530	2101	63	Yes				No	No		
291	Jagatsinghapur	Salajanga	Kansa	325	1434	38	Yes				No	No		
292	Jagatsinghapur	Palli	Pothapada	149	660	18	Yes				No	No		
293	Jagatsinghapur	Palli	Palli	131	506	15	Yes				No	No		

294	Jagatsinghapur	Palli	Badadedhilo	214	996	25	Yes				No	No		
295	Jagatsinghapur	Palli	Baruna	50	255	6	Yes				No	No		
296	Jagatsinghapur	Palli	Singipur	318	1689	38	Yes				No	No		
297	Jagatsinghapur	Palli	Mahakaleswar	115	525	14	Yes				No	No		
298	Jagatsinghapur	Palli	Padmapur	339	1398	40	Yes				No	No		
299	Jagatsinghapur	Kaduapada	Chandola	179	780	21	Yes				No	No		
300	Jagatsinghapur	Kaduapada	Gumutipur	133	636	16	Yes				No	No		
301	Jagatsinghapur	Kaduapada	Kaduapada	301	1344	36	Yes				No	No		
302	Jagatsinghapur	Kaduapada	Dadapur	240	1098	28	Yes				No	No		
303	Jagatsinghapur	Kaduapada	Purusotampur	31	142	4	Yes				No	No		
304	Jagatsinghapur	Kaduapada	Khorta	43	217	5	Yes				No	No		
305	Jagatsinghapur	Kaduapada	Raibari	229	1024	27	Yes				No	No		
306	Jagatsinghapur	Kaduapada	Sanadedhilo	0	0	0	Yes				No	No		
307	Jagatsinghapur	Kaduapada	Kusinga	84	424	10	Yes				No	No		
308	Jagatsinghapur	Mudupur	Chandpur	38	164	4	Yes				No	No		
309	Jagatsinghapur	Mudupur	Nankardhoti	15	71	2	Yes				No	No		
310	Jagatsinghapur	Mudupur	Sidhala	301	1394	36	Yes				No	No		
311	Jagatsinghapur	Mudupur	Taila	35	164	4	Yes				No	No		
312	Jagatsinghapur	Mudupur	Nimapur	61	253	7	Yes				No	No		

313	Jagatsinghapur	Mudupur	Sidhol	93	729	11	Yes				No	No		
314	Jagatsinghapur	Mudupur	Sasan	80	431	9	Yes				No	No		
315	Jagatsinghapur	Mudupur	Kantar	118	567	14	Yes				No	No		
316	Jagatsinghapur	Mudupur	Mudupur	262	1068	31	Yes				No	No		
317	Jagatsinghapur	Ayara	Amadarada	174	810	21	Yes				No	No		
318	Jagatsinghapur	Ayara	Damodarpur	49	211	6	Yes				No	No		
319	Jagatsinghapur	Ayara	Murunia	82	359	10	Yes				No	No		
320	Jagatsinghapur	Ayara	Ayara	398	1630	47	Yes				No	No		
321	Jagatsinghapur	Ayara	Ayarmajurai	53	221	6	Yes				No	No		
322	Jagatsinghapur	Jahanpur	Jahanpur	338	1555	40	Yes				No	No		
323	Jagatsinghapur	Jahanpur	Ninigan	193	860	23	Yes				No	No		
324	Jagatsinghapur	Jahanpur	Nachhipur	228	896	27	Yes				No	No		
325	Jagatsinghapur	Khairanga	Khamanga	135	652	16	Yes				No	No		
326	Jagatsinghapur	Khairanga	Pateli	44	232	5	Yes				No	No		
327	Jagatsinghapur	Khairanga	Khairanga	285	1384	34	Yes				No	No		
328	Jagatsinghapur	Khairanga	Odisagarha	176	796	21	Yes				No	No		
329	Jagatsinghapur	Khairanga	Purana	111	481	13	Yes				No	No		
330	Jagatsinghapur	Patasara	Salijanga	147	698	17	Yes				No	No		
331	Jagatsinghapur	Patasara	Arana	270	1216	32	Yes				No	No		

332	Jagatsinghapur	Patasara	Akasudha	162	689	19	Yes				No	No		
333	Jagatsinghapur	Patasara	Patasara	279	1303	33	Yes				No	No		
334	Jagatsinghapur	Tartanga	Taratanga	678	3091	80	Yes				No	No		
335	Naugaon	Galadari	Galadari	533	2226	63	Yes				No	No		
336	Naugaon	Galadari	Erada	335	1348	40	Yes				No	No		
337	Naugaon	Gajarajpur	Bayanpada	0	0	0	Yes				No	No		
338	Naugaon	Gajarajpur	Nuapari	87	329	10	Yes				No	No		
339	Naugaon	Gajarajpur	Debidol(Debideula)	145	562	17	Yes				No	No		
340	Naugaon	Gajarajpur	Gajarajapur	355	1380	42	Yes				No	No		
341	Naugaon	Gajarajpur	Bhatapada	351	1276	41	Yes				No	No		
342	Naugaon	Gajarajpur	Khairahuli	88	336	10	Yes				No	No		
343	Naugaon	Gajarajpur	Gandhan	209	913	25	Yes				No	No		
344	Naugaon	Nuagaon	Nuagan	305	1440	36	Yes				No	No		
345	Naugaon	Nuagaon	Khairabasta	226	808	27	Yes				No	No		
346	Naugaon	Nuagaon	Sudhakanti	212	1004	25	Yes				No	No		
347	Naugaon	Nuagaon	Ganei	77	341	9	Yes				No	No		
348	Naugaon	Nuagaon	Gopalpur	104	475	12	Yes				No	No		
349	Naugaon	Alana	Nahadipada	116	486	14	Yes				No	No		
350	Naugaon	Alana	Alana	243	975	29	Yes				No	No		

351	Naugaon	Alana	Arakhapari	238	1050	28	Yes				No	No		
352	Naugaon	Alana	Madhupur	219	968	26	Yes				No	No		
353	Naugaon	Alana	Sathalpur	128	484	15	Yes				No	No		
354	Naugaon	Alana	Kundeswar	162	685	19	Yes				No	No		
355	Naugaon	Alana	Benapada	150	561	18	Yes				No	No		
356	Naugaon	Alana	Mundala	59	242	7	Yes				No	No		
357	Naugaon	Jamugaon	Jamugan	594	2470	70	Yes				No	No		
358	Naugaon	Jamugaon	Chakulipada	236	974	28	Yes				No	No		
359	Naugaon	Jamugaon	Sunthal	135	622	16	Yes				No	No		
360	Naugaon	Jamugaon	Nandigan	366	1399	43	Yes				No	No		
361	Naugaon	Jamugaon	Chhatiana	214	966	25	Yes				No	No		
362	Naugaon	Ghodansa	Dantuala	169	672	20	Yes				No	No		
363	Naugaon	Ghodansa	Harishpur	165	584	19	Yes				No	No		
364	Naugaon	Ghodansa	Ghodanasa	351	1572	41	Yes				No	No		
365	Naugaon	Ghodansa	Sansailo	142	543	17	Yes				No	No		
366	Naugaon	Ghodansa	Odapainga	203	935	24	Yes				No	No		
367	Naugaon	Ghodansa	Chandakhapatana	316	1277	37	Yes				No	No		
368	Naugaon	Rohia	Arakhakuda	425	1769	50	Yes				No	No		
369	Naugaon	Rohia	Pohala	50	173	6	Yes				No	No		

370	Naugaon	Rohia	Korania	128	435	15	Yes				No	No		
371	Naugaon	Rohia	Gorada	0	0	0	Yes				No	No		
372	Naugaon	Rohia	Rohia	349	1116	41	Yes				No	No		
373	Naugaon	Rohia	Anantapur (Anatpur)	94	343	11	Yes				No	No		
374	Naugaon	Rohia	Panchapa	83	315	10	Yes				No	No		
375	Naugaon	Rohia	Narisima	143	633	17	Yes				No	No		
376	Naugaon	Bachhalo	Alana-II	252	1124	30	Yes				No	No		
377	Naugaon	Bachhalo	Kundigan	147	608	17	Yes				No	No		
378	Naugaon	Bachhalo	Pokamula	92	426	11	Yes				No	No		
379	Naugaon	Bachhalo	Brahmanigan	37	151	4	Yes				No	No		
380	Naugaon	Bachhalo	Bachhalo	226	990	27	Yes				No	No		
381	Naugaon	Bachhalo	Bhandailo	42	186	5	Yes				No	No		
382	Naugaon	Bachhalo	Arasa	98	402	12	Yes				No	No		
383	Naugaon	Bachhalo	Gandilo	14	59	2	Yes				No	No		
384	Naugaon	Sikhar	Bilipada	196	804	23	Yes				No	No		
385	Naugaon	Sikhar	Sareikula	164	601	19	Yes				No	No		
386	Naugaon	Sikhar	Patenigan	156	762	18	Yes				No	No		
387	Naugaon	Sikhar	Nalanga	153	676	18	Yes				No	No		
388	Naugaon	Sikhar	Bodal	221	928	26	Yes				No	No		

389	Naugaon	Sikhar	Sikhar	353	1338	42	Yes				No	No		
390	Naugaon	Sikhar	Salijanga	257	1023	30	Yes				No	No		
391	Naugaon	Sikhar	Angeswarpada	116	446	14	Yes				No	No		
392	Naugaon	Sikhar	Barada	92	358	11	Yes				No	No		
393	Naugaon	Naugaon	Mahisamunda	147	563	17	Yes				No	No		
394	Naugaon	Naugaon	Tihuda	396	1676	47	Yes				No	No		
395	Naugaon	Naugaon	Abadalapur	108	396	13	Yes				No	No		
396	Naugaon	Naugaon	Naugan	665	2867	78	Yes				No	No		
397	Naugaon	Naugaon	Mareda	78	326	9	Yes				No	No		
398	Naugaon	Naugaon	Gothada	180	728	21	Yes				No	No		
399	Naugaon	Tiruna	Arioda	95	394	11	Yes				No	No		
400	Naugaon	Tiruna	Dahipal	180	779	21	Yes				No	No		
401	Naugaon	Tiruna	Salipada	28	95	3	Yes				No	No		
402	Naugaon	Tiruna	Tiruna	256	1093	30	Yes				No	No		
403	Naugaon	Tiruna	Ura	213	730	25	Yes				No	No		
404	Naugaon	Tiruna	Tentoi	472	1814	56	Yes				No	No		
405	Naugaon	Tiruna	Naranapur	51	180	6	Yes				No	No		
406	Naugaon	Tiruna	Kuruki	122	494	14	Yes				No	No		
407	Naugaon	Deriki	Gangada	529	2275	62	Yes				No	No		

408	Naugaon	Deriki	Deriki	380	1529	45	Yes				No	No		
409	Naugaon	Deriki	Kolatha	0	0	0	Yes				No	No		
410	Naugaon	Osakana	Nuasingada	191	828	23	Yes				No	No		
411	Naugaon	Osakana	Osakana	495	2030	58	Yes				No	No		
412	Naugaon	Osakana	Bhatana	477	1840	56	Yes				No	No		
413	Naugaon	Korua	Dhuanpada	178	649	21	Yes				No	No		
414	Naugaon	Korua	Korua	515	2044	61	Yes				No	No		
415	Naugaon	Korua	Dihatelasara	171	851	20	Yes				No	No		
416	Naugaon	Korua	Garei	483	2173	57	Yes				No	No		
417	Naugaon	Korua	Suakana (Suankara)	49	238	6	Yes				No	No		
418	Naugaon	Bansa	Sutira	111	498	13	Yes				No	No		
419	Naugaon	Bansa	Chandapura	250	1072	30	Yes				No	No		
420	Naugaon	Bansa	Bansa	295	1103	35	Yes				No	No		
421	Naugaon	Dabar	Mahanapari	200	793	24	Yes				No	No		
422	Naugaon	Dabar	Dabar	352	1642	42	Yes				No	No		
423	Naugaon	Dabar	Telaghadi	73	292	9	Yes				No	No		
424	Naugaon	Dabar	Sahada	17	73	2	Yes				No	No		
425	Balikuda	Garam	Garam	600	2567	71	Yes				No	No		
426	Balikuda	Garam	Chanarpur	540	2291	64	Yes				No	No		

427	Balikuda	Krushnadaspur	Baripada	50	186	6	Yes				No	No		
428	Balikuda	Krushnadaspur	Hazipuraliaschasapada	186	788	22	Yes				No	No		
429	Balikuda	Krushnadaspur	Mundida	70	353	8	Yes				No	No		
430	Balikuda	Krushnadaspur	Dighor	19	74	2	Yes				No	No		
431	Balikuda	Krushnadaspur	Singarpur	284	1153	34	Yes				No	No		
432	Balikuda	Krushnadaspur	Katarapada	90	400	11	Yes				No	No		
433	Balikuda	Krushnadaspur	Khankarpur	222	992	26	Yes				No	No		
434	Balikuda	Krushnadaspur	Debahati	14	90	2	Yes				No	No		
435	Balikuda	Krushnadaspur	Krushnadaspur	209	734	25	Yes				No	No		
436	Balikuda	Krushnadaspur	Gajilo	3	14	0	Yes				No	No		
437	Balikuda	Krushnadaspur	Khanabadi	93	409	11	Yes				No	No		
438	Balikuda	Krushnadaspur	Benupur	85	357	10	Yes				No	No		
439	Balikuda	Krushnadaspur	Sankhalo	54	240	6	Yes				No	No		
440	Balikuda	Krushnadaspur	Parsurampur	26	98	3	Yes				No	No		
441	Balikuda	Krushnadaspur	Rayarpur	229	920	27	Yes				No	No		
442	Balikuda	Krushnadaspur	Bhagaban Sindhola	28	139	3	Yes				No	No		
443	Balikuda	Mulugan	Sahada	89	369	11	Yes				No	No		
444	Balikuda	Mulugan	Singiri	182	811	21	Yes				No	No		
445	Balikuda	Mulugan	Jaliso	1	3	0	Yes				No	No		

446	Balikuda	Mulugan	Mulugan	382	1620	45	Yes				No	No		
447	Balikuda	Mulugan	Naga Brahmapur	34	144	4	Yes				No	No		
448	Balikuda	Mulugan	Mahadei Brahmapur	61	293	7	Yes				No	No		
449	Balikuda	Mulugan	Asarana	103	418	12	Yes				No	No		
450	Balikuda	Mulugan	Jaitalanga	150	695	18	Yes				No	No		
451	Balikuda	Mulugan	Karamanga	165	743	19	Yes				No	No		
452	Balikuda	Mulugan	Jenamani	130	540	15	Yes				No	No		
453	Balikuda	Mulugan	Dalana	102	422	12	Yes				No	No		
454	Balikuda	Tandikula	Sarana	219	972	26	Yes				No	No		
455	Balikuda	Tandikula	Baijanga	0	0	0	Yes				No	No		
456	Balikuda	Tandikula	Digoda	121	397	14	Yes				No	No		
457	Balikuda	Tandikula	Podana	68	346	8	Yes				No	No		
458	Balikuda	Tandikula	Tandikula	257	1067	30	Yes				No	No		
459	Balikuda	Tandikula	Brahmapur	36	148	4	Yes				No	No		
460	Balikuda	Tandikula	Purusotampur	62	224	7	Yes				No	No		
461	Balikuda	Tandikula	Basantapur	99	345	12	Yes				No	No		
462	Balikuda	Tandikula	Sankarsahi	82	367	10	Yes				No	No		
463	Balikuda	Tandikula	Tihudi	75	366	9	Yes				No	No		
464	Balikuda	Baharana	Santola	0	0	0	Yes				No	No		

465	Balikuda	Baharana	Sogala	98	354	12	Yes				No	No		
466	Balikuda	Baharana	Garia	87	353	10	Yes				No	No		
467	Balikuda	Baharana	Kodamula	54	211	6	Yes				No	No		
468	Balikuda	Baharana	Sana Talakusuma	0	0	0	Yes				No	No		
469	Balikuda	Baharana	Sirailo	63	318	7	Yes				No	No		
470	Balikuda	Baharana	Rangalo	14	67	2	Yes				No	No		
471	Balikuda	Baharana	Talakusuma	99	428	12	Yes				No	No		
472	Balikuda	Baharana	Arilo	70	321	8	Yes				No	No		
473	Balikuda	Baharana	Tainkul	207	827	24	Yes				No	No		
474	Balikuda	Baharana	Deuli	64	271	8	Yes				No	No		
475	Balikuda	Baharana	Suanlo	11	35	1	Yes				No	No		
476	Balikuda	Baharana	Baharana	208	875	25	Yes				No	No		
477	Balikuda	Baharana	Olasa	60	231	7	Yes				No	No		
478	Balikuda	Baharana	Katijanga	97	325	11	Yes				No	No		
479	Balikuda	Baharana	Ratisinga	47	192	6	Yes				No	No		
480	Balikuda	Thailo	Santo	109	520	13	Yes				No	No		
481	Balikuda	Thailo	Tentoi	135	566	16	Yes				No	No		
482	Balikuda	Thailo	Tunutuna	24	131	3	Yes				No	No		
483	Balikuda	Thailo	Thailo	202	894	24	Yes				No	No		

484	Balikuda	Thailo	Korania	62	269	7	Yes				No	No		
485	Balikuda	Thailo	Alikanta	150	646	18	Yes				No	No		
486	Balikuda	Thailo	Donda	0	0	0	Yes				No	No		
487	Balikuda	Thailo	Jangal	92	408	11	Yes				No	No		
488	Balikuda	Thailo	Arilo	64	270	8	Yes				No	No		
489	Balikuda	Thailo	Katikata	91	392	11	Yes				No	No		
490	Balikuda	Thailo	Sarpalbanka	48	205	6	Yes				No	No		
491	Balikuda	Thailo	Jaigan	54	210	6	Yes				No	No		
492	Balikuda	Alabol	Baiganigan	173	642	20	Yes				No	No		
493	Balikuda	Alabol	Sanakal	74	302	9	Yes				No	No		
494	Balikuda	Alabol	Daraba	115	606	14	Yes				No	No		
495	Balikuda	Alabol	Purana	93	385	11	Yes				No	No		
496	Balikuda	Alabol	Dhaniso	178	671	21	Yes				No	No		
497	Balikuda	Alabol	Gudupaillo	55	261	6	Yes				No	No		
498	Balikuda	Alabol	Kanti	133	567	16	Yes				No	No		
499	Balikuda	Alabol	Alabola	303	1382	36	Yes				No	No		
500	Balikuda	Alabol	Narilo	43	178	5	Yes				No	No		
501	Balikuda	Ichhapur	Ichhapur	381	1624	45	Yes				No	No		
502	Balikuda	Ichhapur	Bakharabad	283	1210	33	Yes				No	No		

503	Balikuda	Ichhapur	Badagar	141	616	17	Yes				No	No		
504	Balikuda	Ichhapur	Parahat	228	992	27	Yes				No	No		
505	Balikuda	Ichhapur	Mallikapur	279	1151	33	Yes				No	No		
506	Balikuda	Ichhapur	Naranpur	135	556	16	Yes				No	No		
507	Balikuda	Ichhapur	Gopalpur	234	1016	28	Yes				No	No		
508	Balikuda	Sangrampur	Gahirapada	63	237	7	Yes				No	No		
509	Balikuda	Sangrampur	Budhisahi	498	2091	59	Yes				No	No		
510	Balikuda	Sangrampur	Sangrampur	272	1213	32	Yes				No	No		
511	Balikuda	Sangrampur	Nalo	119	486	14	Yes				No	No		
512	Balikuda	Sangrampur	Achhutapur	158	705	19	Yes				No	No		
513	Balikuda	Sangrampur	Kumari	143	529	17	Yes				No	No		
514	Balikuda	Sangrampur	Anko	188	683	22	Yes				No	No		
515	Balikuda	Sangrampur	Gogala	112	453	13	Yes				No	No		
516	Balikuda	Sangrampur	Salijanga	147	675	17	Yes				No	No		
517	Balikuda	Kalio	Kalio	346	1464	41	Yes				No	No		
518	Balikuda	Kalio	Ogarpur	214	941	25	Yes				No	No		
519	Balikuda	Kalio	Jankhuri	62	283	7	Yes				No	No		
520	Balikuda	Kalio	Alijanga	50	231	6	Yes				No	No		
521	Balikuda	Kalio	Bhoda	220	924	26	Yes				No	No		

522	Balikuda	Kalio	Tandauni	221	888	26	Yes				No	No		
523	Balikuda	Kalio	Godida	118	476	14	Yes				No	No		
524	Balikuda	Balikuda	Balikuda	44	226	5	Yes				No	No		
525	Balikuda	Balikuda	Angira	191	965	23	Yes				No	No		
526	Balikuda	Balikuda	Balisahi	967	4239	114	Yes				No	No		
527	Balikuda	Balikuda	Nalio	109	527	13	Yes				No	No		
528	Balikuda	Balikuda	Bharioda	76	344	9	Yes				No	No		
529	Balikuda	Alavar	Saramai	0	0	0	Yes				No	No		
530	Balikuda	Alavar	Aliha	67	247	8	Yes				No	No		
531	Balikuda	Alavar	Kania	396	1619	47	Yes				No	No		
532	Balikuda	Alavar	Nabanga	51	213	6	Yes				No	No		
533	Balikuda	Alavar	Alavar	220	994	26	Yes				No	No		
534	Balikuda	Alavar	Alikana	233	919	27	Yes				No	No		
535	Balikuda	Alavar	Ranapur	195	763	23	Yes				No	No		
536	Balikuda	Alavar	Majhikora	137	620	16	Yes				No	No		
537	Balikuda	Alavar	Tertanga	147	608	17	Yes				No	No		
538	Balikuda	Alavar	Kuliagan	252	1088	30	Yes				No	No		
539	Balikuda	Titira	Rambhila	154	687	18	Yes				No	No		
540	Balikuda	Titira	Begunia	181	804	21	Yes				No	No		

541	Balikuda	Titira	Titira	470	2101	55	Yes				No	No		
542	Balikuda	Titira	Keutapala	46	239	5	Yes				No	No		
543	Balikuda	Titira	Sumada	194	991	23	Yes				No	No		
544	Balikuda	Titira	Oradanga	188	819	22	Yes				No	No		
545	Balikuda	Titira	Daradapatana	85	349	10	Yes				No	No		
546	Balikuda	Titira	Ramatola	203	1015	24	Yes				No	No		
547	Balikuda	Titira	Barimula	43	191	5	Yes				No	No		
548	Balikuda	Titira	Chhotatira	32	147	4	Yes				No	No		
549	Balikuda	Borikina	Kundapur	170	835	20	Yes				No	No		
550	Balikuda	Borikina	Barugudipada	219	1070	26	Yes				No	No		
551	Balikuda	Borikina	Dovala	142	679	17	Yes				No	No		
552	Balikuda	Borikina	Darada	362	1555	43	Yes				No	No		
553	Balikuda	Borikina	Borikina	208	875	25	Yes				No	No		
554	Balikuda	Borikina	Barilo	160	681	19	Yes				No	No		
555	Balikuda	Borikina	Olasa	252	1114	30	Yes				No	No		
556	Balikuda	Borikina	Khandapasa	76	379	9	Yes				No	No		
557	Balikuda	Borikina	Dua	124	571	15	Yes				No	No		
558	Balikuda	Badagaon	Badarodanga	295	1163	35	Yes				No	No		
559	Balikuda	Badagaon	Naradia	186	867	22	Yes				No	No		

560	Balikuda	Badagaon	Minjapada	67	323	8	Yes				No	No		
561	Balikuda	Badagaon	Gaithipur	151	589	18	Yes				No	No		
562	Balikuda	Badagaon	Nundhia	38	131	4	Yes				No	No		
563	Balikuda	Badagaon	Nuagaon	160	617	19	Yes				No	No		
564	Balikuda	Badagaon	Iswarpur	198	847	23	Yes				No	No		
565	Balikuda	Badagaon	Badagan	274	1115	32	Yes				No	No		
566	Balikuda	Badagaon	Tundi	72	295	8	Yes				No	No		
567	Balikuda	Badagaon	Kusunpur	25	106	3	Yes				No	No		
568	Balikuda	Ambasala	Otharapa	114	487	13	Yes				No	No		
569	Balikuda	Ambasala	Sasana	64	303	8	Yes				No	No		
570	Balikuda	Ambasala	Ambasal	420	1649	50	Yes				No	No		
571	Balikuda	Ambasala	Tihuda	83	375	10	Yes				No	No		
572	Balikuda	Ambasala	Mandkeswar	131	552	15	Yes				No	No		
573	Balikuda	Ambasala	Nada	221	1002	26	Yes				No	No		
574	Balikuda	Ambasala	Bhagabanpur	4	14	0	Yes				No	No		
575	Balikuda	Ambasala	Phulahar	61	238	7	Yes				No	No		
576	Balikuda	Ambasala	Erakana	69	256	8	Yes				No	No		
577	Balikuda	Adhanga	Pariadhanga	83	382	10	Yes				No	No		
578	Balikuda	Adhanga	Dagan	189	813	22	Yes				No	No		

579	Balikuda	Adhanga	Jaganathapur	61	242	7	Yes				No	No		
580	Balikuda	Adhanga	Tamplada	54	238	6	Yes				No	No		
581	Balikuda	Adhanga	Kanpur	131	547	15	Yes				No	No		
582	Balikuda	Adhanga	Khaleri	136	608	16	Yes				No	No		
583	Balikuda	Adhanga	Kulada	147	682	17	Yes				No	No		
584	Balikuda	Adhanga	Adhang	274	1269	32	Yes				No	No		
585	Balikuda	Machhagaon	Bilatela Sara	0	0	0	Yes				No	No		
586	Balikuda	Machhagaon	Jamphar	40	196	5	Yes				No	No		
587	Balikuda	Machhagaon	Ochinda	409	1562	48	Yes				No	No		
588	Balikuda	Machhagaon	Sukida	432	1971	51	Yes				No	No		
589	Balikuda	Machhagaon	Ashilo	180	750	21	Yes				No	No		
590	Balikuda	Machhagaon	Machhagan	245	1106	29	Yes				No	No		
591	Balikuda	Machhagaon	Mangapur	73	302	9	Yes				No	No		
592	Balikuda	Machhagaon	Kesarpur	0	0	0	Yes				No	No		
593	Balikuda	Osakana	Balabhadrapur	84	528	10	Yes				No	No		
594	Balikuda	Osakana	Paikarapur	182	795	21	Yes				No	No		
595	Balikuda	Osakana	Anianka	110	549	13	Yes				No	No		
596	Balikuda	Osakana	Jaganathapur	90	385	11	Yes				No	No		
597	Balikuda	Osakana	Kalamchatara	5	24	1	Yes				No	No		

598	Balikuda	Osakana	Sanapanitira	72	372	8	Yes				No	No		
599	Balikuda	Osakana	Panitira	315	1396	37	Yes				No	No		
600	Balikuda	Osakana	Osakana	170	706	20	Yes				No	No		
601	Balikuda	Osakana	Santarapur	129	674	15	Yes				No	No		
602	Balikuda	Rahana	Oranda	185	832	22	Yes				No	No		
603	Balikuda	Rahana	Chataramunda	89	471	11	Yes				No	No		
604	Balikuda	Rahana	Barampur	28	160	3	Yes				No	No		
605	Balikuda	Rahana	Kusida	210	1090	25	Yes				No	No		
606	Balikuda	Rahana	Basanta	104	485	12	Yes				No	No		
607	Balikuda	Rahana	Kusadehi	0	0	0	Yes				No	No		
608	Balikuda	Rahana	Pateli	1	4	0	Yes				No	No		
609	Balikuda	Rahana	Prasanpur	113	469	13	Yes				No	No		
610	Balikuda	Rahana	Rahana	387	1620	46	Yes				No	No		
611	Balikuda	Rahana	Murunia	217	941	26	Yes				No	No		
612	Balikuda	Anantapur	Praharajpur	21	89	2	Yes				No	No		
613	Balikuda	Anantapur	Padmalavapur	76	350	9	Yes				No	No		
614	Balikuda	Anantapur	Gopinathapur	57	243	7	Yes				No	No		
615	Balikuda	Anantapur	Bhuasuni	208	900	25	Yes				No	No		
616	Balikuda	Anantapur	Keupada	140	676	17	Yes				No	No		

617	Balikuda	Anantapur	Anantpur	221	900	26	Yes				No	No		
618	Balikuda	Anantapur	Jaganathpur	53	210	6	Yes				No	No		
619	Balikuda	Anantapur	Brahmanadehi	371	1834	44	Yes				No	No		
620	Balikuda	Apandara	Salabelapur	91	389	11	Yes				No	No		
621	Balikuda	Apandara	Apandara	332	1478	39	Yes				No	No		
622	Balikuda	Apandara	Sonaosokana	19	97	2	Yes				No	No		
623	Balikuda	Apandara	Chariakana	19	95	2	Yes				No	No		
624	Balikuda	Apandara	Olansa	158	714	19	Yes				No	No		
625	Balikuda	Apandara	Nalara	283	1187	33	Yes				No	No		
626	Balikuda	Apandara	Sribantapur	144	696	17	Yes				No	No		
627	Balikuda	Apandara	Podarua	169	678	20	Yes				No	No		
628	Balikuda	Naharana	Naharana	786	3268	93	Yes				No	No		
629	Balikuda	Naharana	Bairakha	182	787	21	Yes				No	No		
630	Balikuda	Naharana	Sunadhar	139	614	16	Yes				No	No		
631	Balikuda	Naharana	Pokharia	0	0	0	Yes				No	No		
632	Balikuda	Baramundali	Baradia	653	3010	77	Yes				No	No		
633	Balikuda	Baramundali	Nadiakhia	0	0	0	Yes				No	No		
634	Balikuda	Baramundali	Bagheipur	216	1057	25	Yes				No	No		
635	Balikuda	Baramundali	Keruapada	51	243	6	Yes				No	No		

636	Balikuda	Baramundali	Baramundali	140	630	17	Yes				No	No		
637	Balikuda	Baramundali	Talanga	260	1146	31	Yes				No	No		
638	Balikuda	Baramundali	Dasabatia	489	2233	58	Yes				No	No		
639	Balikuda	Baramundali	Ichhapur	116	536	14	Yes				No	No		
640	Balikuda	Kusupur	Khadikadanda	262	1287	31	Yes				No	No		
641	Balikuda	Kusupur	Tentulibelari	578	2938	68	Yes				No	No		
642	Balikuda	Kusupur	Kusupur	474	2184	56	Yes				No	No		
643	Balikuda	Arilo	Sadeipur	243	1015	29	Yes				No	No		
644	Balikuda	Arilo	Arilo	240	1009	28	Yes				No	No		
645	Balikuda	Arilo	Era	106	456	13	Yes				No	No		
646	Balikuda	Arilo	Netapur	93	355	11	Yes				No	No		
647	Balikuda	Arilo	Malapur	104	426	12	Yes				No	No		
648	Balikuda	Khalagaon	Sova	212	1018	25	Yes				No	No		
649	Balikuda	Khalagaon	Khalagan	489	1893	58	Yes				No	No		
650	Balikuda	Marichpur	Barabatia	72	308	8	Yes				No	No		
651	Balikuda	Marichpur	Marichipur	414	1734	49	Yes				No	No		
652	Balikuda	Marichpur	Badabali	0	0	0	Yes				No	No		
653	Balikuda	Marichpur	Badabali	0	0	0	Yes				No	No		
654	Balikuda	Marichpur	Dhanuhar Belari	508	2419	60	Yes				No	No		

655	Balikuda	Marichpur	Mankadakhia	70	281	8	Yes				No	No		
656	Balikuda	Nagapur	Nagapur	526	2425	62	Yes				No	No		
657	Balikuda	Nagapur	Narasinghpur	301	1297	36	Yes				No	No		
658	Balikuda	Nagapur	Baisimul	111	547	13	Yes				No	No		
659	Balikuda	Tarasahi	Tarasahi	462	2127	55	Yes				No	No		
660	Balikuda	Tarasahi	Chhelikulia	16	72	2	Yes				No	No		
661	Balikuda	Tarasahi	Beda	0	0	0	Yes				No	No		
662	Tirtol	Krushnanandapur	Itatikiri	131	580	15	Yes				No	No		
663	Tirtol	Krushnanandapur	Nuagan	270	871	32	Yes				No	No		
664	Tirtol	Krushnanandapur	Krushnanandapur (CT)	2180	8974	257	Yes				No	No		
665	Tirtol	Bisunpur	Manapur	290	1311	34	Yes				No	No		
666	Tirtol	Bisunpur	Bisunpur	573	2327	68	Yes				No	No		
667	Tirtol	Bisunpur	Kolata	493	2194	58	Yes				No	No		
668	Tirtol	Kanimula	Matagajapur	166	687	20	Yes				No	No		
669	Tirtol	Kanimula	Bhansar	411	1876	48	Yes				No	No		
670	Tirtol	Kanimula	Tasangaraberhampur	78	414	9	Yes				No	No		
671	Tirtol	Kanimula	Kanimul	183	930	22	Yes				No	No		
672	Tirtol	Kanimula	Kilipal	268	1224	32	Yes				No	No		
673	Tirtol	Kanimula	narijanga	146	593	17	Yes				No	No		

674	Tirtol	Kanimula	Gaithipur	127	604	15	Yes				No	No		
675	Tirtol	Kanimula	Lankapada	229	1018	27	Yes				No	No		
676	Tirtol	Kanimula	Mirjapur	188	882	22	Yes				No	No		
677	Tirtol	Dainlo	Dainlo	230	1135	27	Yes				No	No		
678	Tirtol	Dainlo	kansari	1	6	0	Yes				No	No		
679	Tirtol	Dainlo	Mundida	64	269	8	Yes				No	No		
680	Tirtol	Dainlo	Paruna	115	506	14	Yes				No	No		
681	Tirtol	Dainlo	Posal	286	1461	34	Yes				No	No		
682	Tirtol	Dainlo	Kesapur	21	90	2	Yes				No	No		
683	Tirtol	Gopalpur	Badajingal	182	852	21	Yes				No	No		
684	Tirtol	Gopalpur	Bijipur	246	1005	29	Yes				No	No		
685	Tirtol	Gopalpur	Behadapur	335	1433	40	Yes				No	No		
686	Tirtol	Gopalpur	Saralapur	230	983	27	Yes				No	No		
687	Tirtol	Gopalpur	Hayatpur	8	36	1	Yes				No	No		
688	Tirtol	Gopalpur	Gopalpur Sankheswar	284	1096	34	Yes				No	No		
689	Tirtol	Gopalpur	Derakana	88	389	10	Yes				No	No		
690	Tirtol	Gopalpur	Bajedhanua	14	64	2	Yes				No	No		
691	Tirtol	Amberi	Eragari	28	111	3	Yes				No	No		
692	Tirtol	Amberi	Bharagol	154	638	18	Yes				No	No		

693	Tirtol	Amberi	Amberi	219	935	26	Yes				No	No		
694	Tirtol	Amberi	Balikana	3	12	0	Yes				No	No		
695	Tirtol	Amberi	Deuli	67	277	8	Yes				No	No		
696	Tirtol	Amberi	Arilo	89	408	11	Yes				No	No		
697	Tirtol	Amberi	Kesarada	63	281	7	Yes				No	No		
698	Tirtol	Amberi	Marjita	47	187	6	Yes				No	No		
699	Tirtol	Kolar	Olagada	219	1091	26	Yes				No	No		
700	Tirtol	Kolar	Raghunathpur	101	481	12	Yes				No	No		
701	Tirtol	Kolar	Jaipur	393	1698	46	Yes				No	No		
702	Tirtol	Kolar	Adhapati	119	456	14	Yes				No	No		
703	Tirtol	Kolar	Dhanua	97	414	11	Yes				No	No		
704	Tirtol	Kolar	Patakura	80	337	9	Yes				No	No		
705	Tirtol	Kolar	Tartol	224	1101	26	Yes				No	No		
706	Tirtol	Kolar	Nagapura	108	444	13	Yes				No	No		
707	Tirtol	Kolar	Kolar	167	831	20	Yes				No	No		
708	Tirtol	Samantarapur	Bilaspur	127	532	15	Yes				No	No		
709	Tirtol	Samantarapur	Muraripur	120	425	14	Yes				No	No		
710	Tirtol	Samantarapur	Samantarapur	259	1272	31	Yes				No	No		
711	Tirtol	Samantarapur	Kulasamantarapur	244	1009	29	Yes				No	No		

712	Tirtol	Samantarapur	Ukusahi	130	486	15	Yes				No	No		
713	Tirtol	Samantarapur	Sirasta	190	675	22	Yes				No	No		
714	Tirtol	Samantarapur	Anupala	195	776	23	Yes				No	No		
715	Tirtol	Porgadei	Baulanga	155	728	18	Yes				No	No		
716	Tirtol	Porgadei	Ranitola	107	491	13	Yes				No	No		
717	Tirtol	Porgadei	Porgadei	235	905	28	Yes				No	No		
718	Tirtol	Porgadei	Jogania	212	901	25	Yes				No	No		
719	Tirtol	Porgadei	Alakana	50	199	6	Yes				No	No		
720	Tirtol	Manijanga	manijanga	221	1008	26	Yes				No	No		
721	Tirtol	Manijanga	Nimokana	155	818	18	Yes				No	No		
722	Tirtol	Manijanga	Sindol	113	499	13	Yes				No	No		
723	Tirtol	Manijanga	Kaudiabara	53	227	6	Yes				No	No		
724	Tirtol	Manijanga	Ilaspur	48	202	6	Yes				No	No		
725	Tirtol	Manijanga	Indrapa	146	668	17	Yes				No	No		
726	Tirtol	Manijanga	Sujudinnagarpatana	226	1112	27	Yes				No	No		
727	Tirtol	Manijanga	Barandol	0	0	0	Yes				No	No		
728	Tirtol	Manijanga	Khandiagorada	44	154	5	Yes				No	No		
729	Tirtol	Tirtol	Tirtol	721	3307	85	Yes				No	No		
730	Tirtol	Tirtol	Arajanga	80	404	9	Yes				No	No		

731	Tirtol	Tirtol	Baripada	69	289	8	Yes				No	No		
732	Tirtol	Tirtol	Ahana	101	391	12	Yes				No	No		
733	Tirtol	Tirtol	Dandamir	167	699	20	Yes				No	No		
734	Tirtol	Tirtol	Baingol	328	1407	39	Yes				No	No		
735	Tirtol	Tirtol	Mantir	79	341	9	Yes				No	No		
736	Tirtol	Tirtol	nausira	244	1187	29	Yes				No	No		
737	Tirtol	Tirtol	Tentulipada	517	2568	61	Yes				No	No		
738	Tirtol	Tirtol	Salijanga(sana)	46	225	5	Yes				No	No		
739	Tirtol	Tarjanga	Bambilo	90	347	11	Yes				No	No		
740	Tirtol	Tarjanga	Kotakana	187	805	22	Yes				No	No		
741	Tirtol	Tarjanga	Dhana Chakapada	33	147	4	Yes				No	No		
742	Tirtol	Tarjanga	Hajipur	130	589	15	Yes				No	No		
743	Tirtol	Tarjanga	Teratanga	292	1374	34	Yes				No	No		
744	Tirtol	Tarjanga	bamphapur	106	530	13	Yes				No	No		
745	Tirtol	Tarjanga	Tarajanga	325	1525	38	Yes				No	No		
746	Tirtol	Tarjanga	Pubapada	128	662	15	Yes				No	No		
747	Tirtol	Tarjanga	Biseswar Pur	74	325	9	Yes				No	No		
748	Tirtol	Tarjanga	Podapada	109	498	13	Yes				No	No		
749	Tirtol	Tarjanga	Raulapada	44	185	5	Yes				No	No		

750	Tirtol	Mulisingh	Kabal Pur	265	1144	31	Yes				No	No		
751	Tirtol	Mulisingh	Mulisingh Pur	22	82	3	Yes				No	No		
752	Tirtol	Mulisingh	Harisingh Pur	260	1062	31	Yes				No	No		
753	Tirtol	Mulisingh	Muli Singh	681	3143	80	Yes				No	No		
754	Tirtol	Mulisingh	Khanchandra Pur	148	502	17	Yes				No	No		
755	Tirtol	Mulisingh	Olei Pada	132	537	16	Yes				No	No		
756	Tirtol	Birtol	Jhankeswar	70	298	8	Yes				No	No		
757	Tirtol	Birtol	Birtol	494	2211	58	Yes				No	No		
758	Tirtol	Birtol	Rasul Pur	197	841	23	Yes				No	No		
759	Tirtol	Birtol	Salampur	299	1198	35	Yes				No	No		
760	Tirtol	Birtol	Brahmapur	15	66	2	Yes				No	No		
761	Tirtol	Birtol	Sitol	0	0	0	Yes				No	No		
762	Tirtol	Birtol	Idrakshyapur (sana)	0	0	0	Yes				No	No		
763	Tirtol	Gopalpur	Arana	117	516	14	Yes				No	No		
764	Tirtol	Gopalpur	Putting	297	1143	35	Yes				No	No		
765	Tirtol	Gopalpur	Kirtanpur	69	276	8	Yes				No	No		
766	Tirtol	Gopalpur	Bada Idarakshyapur	101	404	12	Yes				No	No		
767	Tirtol	Gopalpur	Gopalpur (San)	152	570	18	Yes				No	No		
768	Tirtol	Gopalpur	Sanasarol	83	305	10	Yes				No	No		

769	Tirtol	Gopalpur	Jaisingh Pur	80	285	9	Yes				No	No		
770	Tirtol	Gopalpur	Maidipur	55	203	6	Yes				No	No		
771	Tirtol	Patilo	Bional	7	31	1	Yes				No	No		
772	Tirtol	Patilo	Kotian	125	600	15	Yes				No	No		
773	Tirtol	Patilo	Anantapur	49	207	6	Yes				No	No		
774	Tirtol	Patilo	Nasika	65	287	8	Yes				No	No		
775	Tirtol	Patilo	Ubukura	34	151	4	Yes				No	No		
776	Tirtol	Patilo	Baranga	128	575	15	Yes				No	No		
777	Tirtol	Patilo	Mahilo	198	938	23	Yes				No	No		
778	Tirtol	Patilo	Aimadhoti	47	284	6	Yes				No	No		
779	Tirtol	Patilo	Nandana	307	1286	36	Yes				No	No		
780	Tirtol	Patilo	Balunkeswar	19	84	2	Yes				No	No		
781	Tirtol	Patilo	Adhanga	56	260	7	Yes				No	No		
782	Tirtol	Patilo	Patilo	123	505	15	Yes				No	No		
783	Tirtol	Patilo	Seula	69	233	8	Yes				No	No		
784	Tirtol	Katara	Kadhanga	33	141	4	Yes				No	No		
785	Tirtol	Katara	Bandalo	61	275	7	Yes				No	No		
786	Tirtol	Katara	Jagannathapur	33	162	4	Yes				No	No		
787	Tirtol	Katara	Katara	110	541	13	Yes				No	No		

788	Tirtol	Katara	Dhusala	55	236	6	Yes				No	No		
789	Tirtol	Katara	Jajanga	76	328	9	Yes				No	No		
790	Tirtol	Katara	Arijanga	43	187	5	Yes				No	No		
791	Tirtol	Katara	Autikiri	14	50	2	Yes				No	No		
792	Tirtol	Katara	Najimpur	0	0	0	Yes				No	No		
793	Tirtol	Katara	Korakora	212	787	25	Yes				No	No		
794	Tirtol	Katara	Begunia	215	891	25	Yes				No	No		
795	Tirtol	Katara	Itanga	47	179	6	Yes				No	No		
796	Tirtol	Katara	Susanga	87	355	10	Yes				No	No		
797	Tirtol	Katara	Gopalpur	89	413	11	Yes				No	No		
798	Tirtol	Katara	Nuagan	0	0	0	Yes				No	No		
799	Tirtol	Katara	Banbarada	69	309	8	Yes				No	No		
800	Tirtol	Katara	Mardol	183	839	22	Yes				No	No		
801	Tirtol	Katara	Durda	90	369	11	Yes				No	No		
802	Tirtol	Katara	Nahanga	46	244	5	Yes				No	No		
803	Tirtol	Kanakpur	Mahana Pur	77	355	9	Yes				No	No		
804	Tirtol	Kanakpur	Kanakpur Sasan	177	733	21	Yes				No	No		
805	Tirtol	Kanakpur	Kanakpur Deuli	97	492	11	Yes				No	No		
806	Tirtol	Kanakpur	Badasarol	277	1298	33	Yes				No	No		

807	Tirtol	Kanakpur	Kutilagram Dayalpur	244	1185	29	Yes				No	No		
808	Tirtol	Kanakpur	Sardola	169	716	20	Yes				No	No		
809	Tirtol	Kanakpur	Kantapada	111	497	13	Yes				No	No		
810	Tirtol	Kanakpur	Tarapur	105	433	12	Yes				No	No		
811	Tirtol	Govindapur	Bhima Brahmapur	5	20	1	Yes				No	No		
812	Tirtol	Govindapur	Sahansa Sasan	62	209	7	Yes				No	No		
813	Tirtol	Govindapur	Bhara Sampa	0	0	0	Yes				No	No		
814	Tirtol	Govindapur	Khanda Tanga	84	413	10	Yes				No	No		
815	Tirtol	Govindapur	Mandilo	3	20	0	Yes				No	No		
816	Tirtol	Govindapur	Aradanga	118	521	14	Yes				No	No		
817	Tirtol	Govindapur	Gobara	8	34	1	Yes				No	No		
818	Tirtol	Govindapur	Gunthilo	35	129	4	Yes				No	No		
819	Tirtol	Govindapur	Gobinda Pur	512	2153	60	Yes				No	No		
820	Tirtol	Govindapur	Bhatagan	78	396	9	Yes				No	No		
821	Tirtol	Govindapur	Uradha	225	1146	27	Yes				No	No		
822	Tirtol	Govindapur	Kinailo	32	97	4	Yes				No	No		
823	Tirtol	Bodhei	Irikundal	93	458	11	Yes				No	No		
824	Tirtol	Bodhei	Bikipur	85	428	10	Yes				No	No		
825	Tirtol	Bodhei	Dhinkia	25	113	3	Yes				No	No		

826	Tirtol	Bodhei	Bindhapada	29	126	3	Yes				No	No		
827	Tirtol	Bodhei	Aibil	67	305	8	Yes				No	No		
828	Tirtol	Bodhei	Batilo	141	647	17	Yes				No	No		
829	Tirtol	Bodhei	Gobinda Mohanty	139	689	16	Yes				No	No		
830	Tirtol	Bodhei	Pipal Madhaba	215	1089	25	Yes				No	No		
831	Tirtol	Bodhei	Mahamada Bad	155	724	18	Yes				No	No		
832	Tirtol	Bodhei	Khadal	104	527	12	Yes				No	No		
833	Tirtol	Bodhei	Sitol	55	265	6	Yes				No	No		
834	Tirtol	Bodhei	Arilo	123	592	15	Yes				No	No		
835	Tirtol	Bodhei	Otal	88	438	10	Yes				No	No		
836	Tirtol	Bodhei	Haladia	112	486	13	Yes				No	No		
837	Tirtol	Bodhei	Gopalpur	61	259	7	Yes				No	No		
838	Tirtol	Bodhei	Bodhei	336	1524	40	Yes				No	No		
839	Tirtol	Bodhei	Hasim Nagar	47	184	6	Yes				No	No		
840	Tirtol	Bodhei	Dianpur	126	626	15	Yes				No	No		
841	Tirtol	Jagannathpur	Chatalo	63	301	7	Yes				No	No		
842	Tirtol	Jagannathpur	Chandilo	73	372	9	Yes				No	No		
843	Tirtol	Jagannathpur	Bilas	43	201	5	Yes				No	No		
844	Tirtol	Jagannathpur	Purijena	83	384	10	Yes				No	No		

845	Tirtol	Jagannathpur	Gainga	104	424	12	Yes				No	No		
846	Tirtol	Jagannathpur	Dhuanpur	88	518	10	Yes				No	No		
847	Tirtol	Jagannathpur	Jagannathpur	738	3357	87	Yes				No	No		
848	Tirtol	Jagannathpur	Sainso	107	432	13	Yes				No	No		
849	Tirtol	Jagannathpur	Kharagpur	77	344	9	Yes				No	No		
850	Tirtol	Jagannathpur	Sagabaria	126	565	15	Yes				No	No		
851	Tirtol	Garam	Sarala	197	829	23	Yes				No	No		
852	Tirtol	Garam	Baisanilo	21	97	2	Yes				No	No		
853	Tirtol	Garam	Rasabaruan Gramsasan	444	2171	52	Yes				No	No		
854	Tirtol	Garam	Tulasipur	44	223	5	Yes				No	No		
855	Tirtol	Garam	Kopal	72	307	8	Yes				No	No		
856	Tirtol	Garam	Khanda Kopal	81	372	10	Yes				No	No		
857	Tirtol	Garam	Airi	65	311	8	Yes				No	No		
858	Tirtol	Garam	Banadurga	25	126	3	Yes				No	No		
859	Tirtol	Garam	Balimundali	4	10	0	Yes				No	No		
860	Tirtol	Garam	Barhampur	50	234	6	Yes				No	No		
861	Tirtol	Garam	Alana	130	532	15	Yes				No	No		
862	Tirtol	Garam	Bharisol	57	242	7	Yes				No	No		
863	Tirtol	Garam	Badijanga	61	238	7	Yes				No	No		

864	Tirtol	Garam	Rankei	152	652	18	Yes				No	No		
865	Tirtol	Tulanga	Narua	113	510	13	Yes				No	No		
866	Tirtol	Tulanga	Srirampur	155	747	18	Yes				No	No		
867	Tirtol	Tulanga	Oraba	63	264	7	Yes				No	No		
868	Tirtol	Tulanga	Poio	67	279	8	Yes				No	No		
869	Tirtol	Tulanga	Arodei	172	772	20	Yes				No	No		
870	Tirtol	Tulanga	Narasinghpur	91	378	11	Yes				No	No		
871	Tirtol	Tulanga	Tulanga	158	724	19	Yes				No	No		
872	Tirtol	Tulanga	Brahampur	27	128	3	Yes				No	No		
873	Tirtol	Tulanga	Tanra	136	573	16	Yes				No	No		
874	Tirtol	Tulanga	Naulo	116	434	14	Yes				No	No		
875	Tirtol	Tulanga	Tampada	40	192	5	Yes				No	No		
876	Tirtol	Tulanga	Sorisapokhari	21	87	2	Yes				No	No		
877	Tirtol	Tulanga	Kanhupur	88	422	10	Yes				No	No		
878	Tirtol	Tulanga	Salamanga	112	525	13	Yes				No	No		
879	Tirtol	Ibrisingh	Alana	169	814	20	Yes				No	No		
880	Tirtol	Ibrisingh	Beonla	87	468	10	Yes				No	No		
881	Tirtol	Ibrisingh	Patasura	83	343	10	Yes				No	No		
882	Tirtol	Ibrisingh	Khandol	63	272	7	Yes				No	No		

883	Tirtol	Ibrisingh	Silandi	53	289	6	Yes				No	No		
884	Tirtol	Ibrisingh	Badilo	187	958	22	Yes				No	No		
885	Tirtol	Ibrisingh	Ibirisingh	348	1562	41	Yes				No	No		
886	Tirtol	Ibrisingh	Jabedhuan	104	429	12	Yes				No	No		
887	Tirtol	Ibrisingh	Sanilo	133	593	16	Yes				No	No		
888	Tirtol	Jadatira	Jadatira	473	2103	56	Yes				No	No		
889	Tirtol	Jadatira	Arada	317	1569	37	Yes				No	No		
890	Tirtol	Jadatira	Panchei	60	291	7	Yes				No	No		
891	Tirtol	Jadatira	Bandhabati	111	561	13	Yes				No	No		
892	Tirtol	Kostimalikpur	Keula	111	497	13	Yes				No	No		
893	Tirtol	Kostimalikpur	Mahammad Pur	73	362	9	Yes				No	No		
894	Tirtol	Kostimalikpur	Atamul	72	296	8	Yes				No	No		
895	Tirtol	Kostimalikpur	Kutilo	65	293	8	Yes				No	No		
896	Tirtol	Kostimalikpur	Malanda	99	484	12	Yes				No	No		
897	Tirtol	Kostimalikpur	Bakhar Pur	86	430	10	Yes				No	No		
898	Tirtol	Kostimalikpur	Hamirpur	40	167	5	Yes				No	No		
899	Tirtol	Kostimalikpur	Kostimalika Pur	267	1176	32	Yes				No	No		
900	Tirtol	Kostimalikpur	Chinapada	97	398	11	Yes				No	No		
901	Tirtol	Kostimalikpur	Salijanga	72	325	8	Yes				No	No		

902	Tirtol	Kostimalikpur	Kiranti	195	784	23	Yes				No	No		
903	Tirtol	Kostimalikpur	Kuradha	106	521	13	Yes				No	No		
904	Tirtol	Sanra	Barunapada	104	451	12	Yes				No	No		
905	Tirtol	Sanra	Ratanpur	23	104	3	Yes				No	No		
906	Tirtol	Sanra	Sanra	286	1356	34	Yes				No	No		
907	Tirtol	Sanra	Sanketa Patana	68	292	8	Yes				No	No		
908	Tirtol	Sanra	Ainpur	161	758	19	Yes				No	No		
909	Tirtol	Sanra	Dhuanpari	237	1105	28	Yes				No	No		
910	Tirtol	Sanra	Narsingh Pur	109	508	13	Yes				No	No		
911	Kujang	Kathakot	Gobardhanpur	328	1423	39	Yes				No	No		
912	Kujang	Kathakot	Banasara	183	865	22	Yes				No	No		
913	Kujang	Kathakot	Kathakota	255	1106	30	Yes				No	No		
914	Kujang	Hansura	Khosalpur	125	602	15	Yes				No	No		
915	Kujang	Hansura	Srichandanpur	65	281	8	Yes				No	No		
916	Kujang	Hansura	Samapur	142	567	17	Yes				No	No		
917	Kujang	Hansura	Mamdalpur	43	156	5	Yes				No	No		
918	Kujang	Hansura	Hansura	140	533	17	Yes				No	No		
919	Kujang	Hansura	Anoli	227	976	27	Yes				No	No		
920	Kujang	Badaballikani	Kalikuda	29	131	3	Yes				No	No		

921	Kujang	Badaballikani	Chaudhurikuda	98	409	12	Yes				No	No		
922	Kujang	Badaballikani	Sarali	138	603	16	Yes				No	No		
923	Kujang	Badaballikani	Parikudapalanda	0	0	0	Yes				No	No		
924	Kujang	Badaballikani	Badabalikani	389	1601	46	Yes				No	No		
925	Kujang	Badaballikani	Madhapur	36	169	4	Yes				No	No		
926	Kujang	Badaballikani	Sanabalikani	133	648	16	Yes				No	No		
927	Kujang	Badaballikani	Zilladia Palanda	0	0	0	Yes				No	No		
928	Kujang	Zilanasi	Jayasankhapur	264	1122	31	Yes				No	No		
929	Kujang	Zilanasi	Zillanasi	323	1316	38	Yes				No	No		
930	Kujang	Zilanasi	Tentuliakhmar	320	1403	38	Yes				No	No		
931	Kujang	Zilanasi	Saharadia	303	1447	36	Yes				No	No		
932	Kujang	Zilanasi	Naladia Palanda	0	0	0	Yes				No	No		
933	Kujang	Kujanga	Baharatari	32	140	4	Yes				No	No		
934	Kujang	Kujanga	Bhandua	129	551	15	Yes				No	No		
935	Kujang	Kujanga	Kujanga	825	3686	97	Yes				No	No		
936	Kujang	Kujanga	Balarampur	1143	5464	135	Yes				No	No		
937	Kujang	Kujanga	Naladia Palanda	0	0	0	Yes				No	No		
938	Kujang	Mangarajpur	Krushnachandrapur	37	162	4	Yes				No	No		
939	Kujang	Mangarajpur	Santara	338	1683	40	Yes				No	No		

940	Kujang	Mangarajpur	Talapada	80	342	9	Yes				No	No		
941	Kujang	Mangarajpur	Mangarajpur	724	3314	85	Yes				No	No		
942	Kujang	Mangarajpur	Hasina	509	2252	60	Yes				No	No		
943	Kujang	Biswali	Katha-ada	107	417	13	Yes				No	No		
944	Kujang	Biswali	Koladia	96	430	11	Yes				No	No		
945	Kujang	Biswali	Narendrapur	319	1442	38	Yes				No	No		
946	Kujang	Biswali	Pitambarpur	143	680	17	Yes				No	No		
947	Kujang	Biswali	Biswali	570	2509	67	Yes				No	No		
948	Kujang	Bhutamundai	Baharataridia	0	0	0	Yes				No	No		
949	Kujang	Bhutamundai	Bhutumundai	850	3933	100	Yes				No	No		
950	Kujang	Bhutamundai	Telengadia	0	0	0	Yes				No	No		
951	Kujang	Bhutamundai	Thanaharadia	0	0	0	Yes				No	No		
952	Kujang	Bhutamundai	Pipal	480	2573	57	Yes				No	No		
953	Kujang	Bhutamundai	Jagati	245	1232	29	Yes				No	No		
954	Kujang	Bhutamundai	Musadia	810	2852	96	Yes				No	No		
955	Kujang	Nuagarh	Keruadia-kandha	0	0	0	Yes				No	No		
956	Kujang	Nuagarh	Udayachandrapur	50	200	6	Yes				No	No		
957	Kujang	Nuagarh	MusadiaJungle	0	0	0	Yes				No	No		
958	Kujang	Nuagarh	Boitarakuda	0	0	0	Yes				No	No		

959	Kujang	Nuagarh	Kaudia	0	0	0	Yes				No	No		
960	Kujang	Nuagarh	Singitalia	170	880	20	Yes				No	No		
961	Kujang	Nuagarh	Balidia	386	1972	46	Yes				No	No		
962	Kujang	Nuagarh	Nuagarh	525	2565	62	Yes				No	No		
963	Kujang	Nuagarh	Aganasi	0	0	0	Yes				No	No		
964	Kujang	Nuagarh	Udayabata	449	1953	53	Yes				No	No		
965	Kujang	Paradeepgarh	Chakradharpur	180	851	21	Yes				No	No		
966	Kujang	Paradeepgarh	Chunabelari	353	1717	42	Yes				No	No		
967	Kujang	Paradeepgarh	Nimidhihi	261	1371	31	Yes				No	No		
968	Kujang	Paradeepgarh	Katakulla	182	890	21	Yes				No	No		
969	Kujang	Paradeepgarh	Niharunikandha	58	251	7	Yes				No	No		
970	Kujang	Paradeepgarh	Niharuni	72	314	8	Yes				No	No		
971	Kujang	Paradeepgarh	Paradipgarh (CT)	1006	4790	119	Yes				No	No		
972	Kujang	Paradeepgarh	Rangiagarh	430	2068	51	Yes				No	No		
973	Kujang	Paradeepgarh	Chaukimatha	0	0	0	Yes				No	No		
974	Kujang	Bagadia	Jhimani	595	2963	70	Yes				No	No		
975	Kujang	Bagadia	Bagadia	544	2736	64	Yes				No	No		
976	Kujang	Bagadia	Kau-Bedi	0	0	0	Yes				No	No		
977	Kujang	Bagadia	Kaduapalli-kandha	0	0	0	Yes				No	No		

978	Kujang	Bagadia	Chauliapalanda	6	30	1	Yes				No	No		
979	Kujang	Gandakipur	Pangara	98	478	12	Yes				No	No		
980	Kujang	Gandakipur	Gandakipur	1310	5925	155	Yes				No	No		
981	Kujang	Gandakipur	Mirigidiakandha	0	0	0	Yes				No	No		
982	Kujang	Gandakipur	Khasulidia	0	0	0	Yes				No	No		
983	Kujang	Gopiakuda	Samagol	464	2021	55	Yes				No	No		
984	Kujang	Gopiakuda	Baidigadi	52	227	6	Yes				No	No		
985	Kujang	Gopiakuda	Duadia	485	2282	57	Yes				No	No		
986	Kujang	Gopiakuda	Barunakandha	41	190	5	Yes				No	No		
987	Kujang	Gopiakuda	Gopiakuda	962	4293	114	Yes				No	No		
988	Kujang	Gopiakuda	Ghodamara	121	593	14	Yes				No	No		
989	Kujang	Gopiakuda	Jamukana	0	0	0	Yes				No	No		
990	Kujang	Gopiakuda	Mahakaldia	0	0	0	Yes				No	No		
991	Kujang	Balia	Badanga	225	1095	27	Yes				No	No		
992	Kujang	Balia	Panpalli	372	1591	44	Yes				No	No		
993	Kujang	Balia	Mallipura	147	686	17	Yes				No	No		
994	Kujang	Balia	Badabandha	196	889	23	Yes				No	No		
995	Kujang	Balia	Balia	361	1681	43	Yes				No	No		
996	Kujang	Balia	Parianga	152	625	18	Yes				No	No		

997	Kujang	Bagoi	Charadia	127	567	15	Yes				No	No		
998	Kujang	Bagoi	Sandhapur	154	784	18	Yes				No	No		
999	Kujang	Bagoi	Kothiasahi	351	1620	41	Yes				No	No		
1000	Kujang	Bagoi	Bagoi	405	1970	48	Yes				No	No		
1001	Kujang	Mallasahi	Agapal	297	1275	35	Yes				No	No		
1002	Kujang	Mallasahi	Gaurpada	260	1086	31	Yes				No	No		
1003	Kujang	Mallasahi	Nekudikuda	14	78	2	Yes				No	No		
1004	Kujang	Mallasahi	Taladanda	93	486	11	Yes				No	No		
1005	Kujang	Mallasahi	Paramanandapur	33	134	4	Yes				No	No		
1006	Kujang	Mallasahi	Mallasahi	323	1467	38	Yes				No	No		
1007	Kujang	Mallasahi	Arakhia	303	1473	36	Yes				No	No		
1008	Kujang	Mallasahi	Tenteikuda	114	540	13	Yes				No	No		
1009	Kujang	Patapur	Baulanga	300	1429	35	Yes				No	No		
1010	Kujang	Patapur	Sahada	134	577	16	Yes				No	No		
1011	Kujang	Patapur	Patapur	147	752	17	Yes				No	No		
1012	Kujang	Patapur	Karatutha	258	1142	30	Yes				No	No		
1013	Kujang	Patapur	Tentulia	175	842	21	Yes				No	No		
1014	Kujang	Patapur	Ranipada	98	439	12	Yes				No	No		
1015	Kujang	Patapur	Borikhi	230	1102	27	Yes				No	No		

1016	Kujang	Patapur	Balipari	128	721	15	Yes				No	No		
1017	Kujang	Pankapal	Badapal	198	898	23	Yes				No	No		
1018	Kujang	Pankapal	Kaladip	198	832	23	Yes				No	No		
1019	Kujang	Pankapal	Pankapal	559	2406	66	Yes				No	No		
1020	Kujang	Pankapal	Pathuria	200	823	24	Yes				No	No		
1021	Kujang	Pankapal	Paikasta	256	1152	30	Yes				No	No		
1022	Kujang	Pankapal	Pahana	172	720	20	Yes				No	No		
1023	Kujang	Pankapal	Banikunda	329	1535	39	Yes				No	No		
1024	Kujang	Pankapal	Janapal	233	1049	27	Yes				No	No		
1025	Kujang	Pankapal	Chandapur	53	192	6	Yes				No	No		
1026	Kujang	Garei	Kothamul	62	257	7	Yes				No	No		
1027	Kujang	Garei	Garei	213	859	25	Yes				No	No		
1028	Kujang	Garei	Bibachhapur	99	481	12	Yes				No	No		
1029	Kujang	Garei	Naliapal	114	511	13	Yes				No	No		
1030	Kujang	Garei	Chandradhwajapur	132	605	16	Yes				No	No		
1031	Kujang	Garei	Sirol	151	547	18	Yes				No	No		
1032	Kujang	Garei	Lathanga	98	447	12	Yes				No	No		
1033	Kujang	Sailo	Bharal	256	1063	30	Yes				No	No		
1034	Kujang	Sailo	Muthapada	30	138	4	Yes				No	No		

1035	Kujang	Sailo	Nischintkoili	86	382	10	Yes				No	No		
1036	Kujang	Sailo	Hitarana	82	418	10	Yes				No	No		
1037	Kujang	Sailo	Chhotibar	84	399	10	Yes				No	No		
1038	Kujang	Sailo	Teramanpur	666	3157	79	Yes				No	No		
1039	Kujang	Sailo	Sailo	422	1909	50	Yes				No	No		
1040	Kujang	Sailo	Beharada	130	712	15	Yes				No	No		
1041	Kujang	Sailo	Raigan	145	743	17	Yes				No	No		
1042	Kujang	Sailo	Mahisagotha	0	0	0	Yes				No	No		
1043	Kujang	Talapada	Talapada	813	3984	96	Yes				No	No		
1044	Kujang	Talapada	Jailo	99	451	12	Yes				No	No		
1045	Kujang	Talapada	Siundi	99	427	12	Yes				No	No		
1046	Kujang	Talapada	Khuntal	260	1134	31	Yes				No	No		
1047	Kujang	Talapada	Rahama	101	480	12	Yes				No	No		
1048	Kujang	Gorada	Kurilo	91	426	11	Yes				No	No		
1049	Kujang	Gorada	Chatalo	85	391	10	Yes				No	No		
1050	Kujang	Gorada	kaintola	39	194	5	Yes				No	No		
1051	Kujang	Gorada	Gorada	313	1539	37	Yes				No	No		
1052	Kujang	Gorada	Sinida	137	635	16	Yes				No	No		
1053	Kujang	Pandua	Hatikena	313	1365	37	Yes				No	No		

1054	Kujang	Pandua	Pandua	384	1689	45	Yes				No	No		
1055	Kujang	Pandua	Dhusala	49	228	6	Yes				No	No		
1056	Kujang	Pandua	Adhankura	201	902	24	Yes				No	No		
1057	Kujang	Pandua	Patilo	99	354	12	Yes				No	No		
1058	Kujang	Pandua	Napanga	162	622	19	Yes				No	No		
1059	Kujang	Pandua	Mithila	65	263	8	Yes				No	No		
1060	Kujang	Pandua	Parudi	123	542	15	Yes				No	No		
1061	Kujang	Pandua	Naiguan	131	587	15	Yes				No	No		
1062	Kujang	Pandua	Mundida	49	205	6	Yes				No	No		
1063	Kujang	Pandua	Ochinda	3	12	0	Yes				No	No		
1064	Kujang	Pandua	Kosti	76	298	9	Yes				No	No		
1065	Kujang	Pandua	Balanga	74	336	9	Yes				No	No		
1066	Kujang	Pandua	Alukholanga	108	479	13	Yes				No	No		
1067	Kujang	Banita	banita	414	1824	49	Yes				No	No		
1068	Kujang	Banita	Kantapada	54	288	6	Yes				No	No		
1069	Kujang	Banita	Sarikhi	151	705	18	Yes				No	No		
1070	Kujang	Banita	Dagarpada	119	559	14	Yes				No	No		
1071	Kujang	Fatepur	Fatepur	581	2840	69	Yes				No	No		
1072	Kujang	Fatepur	Pratappur	223	945	26	Yes				No	No		

1073	Kujang	Fatepur	Kharigotha	210	1057	25	Yes				No	No		
1074	Kujang	Kothi	Nunukua	293	1380	35	Yes				No	No		
1075	Kujang	Kothi	Kothi	425	2074	50	Yes				No	No		
1076	Kujang	Kothi	Siju	303	1531	36	Yes				No	No		
1077	Kujang	Kothi	Uchhabanandpur	157	908	19	Yes				No	No		
1078	Kujang	Potanai	Repur patana	246	1268	29	Yes				No	No		
1079	Kujang	Potanai	Dardia	207	886	24	Yes				No	No		
1080	Kujang	Potanai	Potanai	384	1589	45	Yes				No	No		
1081	Kujang	Potanai	Bhanrakola	225	946	27	Yes				No	No		
1082	Kujang	Potanai	Okala	95	398	11	Yes				No	No		
1083	Kujang	Potanai	Chandapata	223	983	26	Yes				No	No		
1084	Kujang	Potanai	Bailo	116	475	14	Yes				No	No		
1085	Ersama	Krushnachandrapur	Asarana	32	164	4	Yes				No	No		
1086	Ersama	Krushnachandrapur	Arada	94	426	11	Yes				No	No		
1087	Ersama	Krushnachandrapur	Oranal	154	690	18	Yes				No	No		
1088	Ersama	Krushnachandrapur	Talakusuma	151	654	18	Yes				No	No		
1089	Ersama	Krushnachandrapur	Manapur	61	263	7	Yes				No	No		
1090	Ersama	Krushnachandrapur	Nimola	195	751	23	Yes				No	No		
1091	Ersama	Krushnachandrapur	Kothi	200	796	24	Yes				No	No		

1092	Ersama	Krushnachandrapur	Krushnachandrapur	140	513	17	Yes				No	No		
1093	Ersama	Krushnachandrapur	Gangadharapur	55	183	6	Yes				No	No		
1094	Ersama	Krushnachandrapur	Saramula	9	37	1	Yes				No	No		
1095	Ersama	Krushnachandrapur	Atimati	133	586	16	Yes				No	No		
1096	Ersama	Krushnachandrapur	Chandraghati	81	278	10	Yes				No	No		
1097	Ersama	Krushnachandrapur	Raijanga	53	211	6	Yes				No	No		
1098	Ersama	Krushnachandrapur	Sanakolar	6	23	1	Yes				No	No		
1099	Ersama	Krushnachandrapur	Naiguan	71	259	8	Yes				No	No		
1100	Ersama	Krushnachandrapur	Badakolar	0	0	0	Yes				No	No		
1101	Ersama	Krushnachandrapur	Bhayalo	62	241	7	Yes				No	No		
1102	Ersama	Krushnachandrapur	Bhiranga	327	1251	39	Yes				No	No		
1103	Ersama	Ersama	Kanipada	36	127	4	Yes				No	No		
1104	Ersama	Ersama	Oreisala	102	349	12	Yes				No	No		
1105	Ersama	Ersama	Gandhapur	55	184	6	Yes				No	No		
1106	Ersama	Ersama	Siha	240	929	28	Yes				No	No		
1107	Ersama	Ersama	Manikundal	90	376	11	Yes				No	No		
1108	Ersama	Ersama	Deuli	99	368	12	Yes				No	No		
1109	Ersama	Ersama	Ersama	527	2317	62	Yes				No	No		
1110	Ersama	Ersama	Pimpudia	0	0	0	Yes				No	No		

1111	Ersama	Ersama	Kuladanda	0	0	0	Yes				No	No		
1112	Ersama	Ersama	Piparkani	16	67	2	Yes				No	No		
1113	Ersama	Palikanta	Katijanga	118	515	14	Yes				No	No		
1114	Ersama	Palikanta	Sundarkani	47	195	6	Yes				No	No		
1115	Ersama	Palikanta	Kendurisal	57	223	7	Yes				No	No		
1116	Ersama	Palikanta	Saintol	73	259	9	Yes				No	No		
1117	Ersama	Palikanta	Bharisol	95	462	11	Yes				No	No		
1118	Ersama	Palikanta	Sumada	130	527	15	Yes				No	No		
1119	Ersama	Palikanta	Mandira	30	126	4	Yes				No	No		
1120	Ersama	Palikanta	Palikanta	157	601	19	Yes				No	No		
1121	Ersama	Nuadihi	Bareikana	56	265	7	Yes				No	No		
1122	Ersama	Nuadihi	Rupakhandi	77	404	9	Yes				No	No		
1123	Ersama	Nuadihi	Nuadihi	148	715	17	Yes				No	No		
1124	Ersama	Nuadihi	Dasipur	107	483	13	Yes				No	No		
1125	Ersama	Nuadihi	Kiadingri	108	456	13	Yes				No	No		
1126	Ersama	Nuadihi	Dhalipanga	312	1325	37	Yes				No	No		
1127	Ersama	Nuadihi	Dasipurpaikasahi	128	505	15	Yes				No	No		
1128	Ersama	Nuadihi	Mallipur	142	600	17	Yes				No	No		
1129	Ersama	Nuadihi	Bhaincho	103	359	12	Yes				No	No		

1130	Ersama	Nuadihi	Dhuansahi	118	527	14	Yes				No	No		
1131	Ersama	Nuadihi	Mahimadeipur	196	784	23	Yes				No	No		
1132	Ersama	Nuadihi	Mirjapur	76	304	9	Yes				No	No		
1133	Ersama	Bhitarandhari	Barabelari	28	133	3	Yes				No	No		
1134	Ersama	Bhitarandhari	Chadeigahanjharakati	0	0	0	Yes				No	No		
1135	Ersama	Bhitarandhari	Guamunda	200	795	24	Yes				No	No		
1136	Ersama	Bhitarandhari	Potak	81	356	10	Yes				No	No		
1137	Ersama	Bhitarandhari	Jamukana	167	680	20	Yes				No	No		
1138	Ersama	Bhitarandhari	Uchanuagan	251	1121	30	Yes				No	No		
1139	Ersama	Bhitarandhari	Kadakana	145	540	17	Yes				No	No		
1140	Ersama	Bhitarandhari	Rasakadapur	138	580	16	Yes				No	No		
1141	Ersama	Bhitarandhari	Bhitarandhari	184	822	22	Yes				No	No		
1142	Ersama	Bhitarandhari	Jalau	103	428	12	Yes				No	No		
1143	Ersama	Baleipur	Bilapokhariapada	37	166	4	Yes				No	No		
1144	Ersama	Baleipur	Nalakani	202	898	24	Yes				No	No		
1145	Ersama	Baleipur	Banipata	112	545	13	Yes				No	No		
1146	Ersama	Baleipur	Baleipur	150	680	18	Yes				No	No		
1147	Ersama	Baleipur	Guruguria	63	279	7	Yes				No	No		
1148	Ersama	Baleipur	Chakulia	104	474	12	Yes				No	No		

1149	Ersama	Baleipur	Digitari	137	566	16	Yes				No	No		
1150	Ersama	Baleipur	Barabatia	277	1188	33	Yes				No	No		
1151	Ersama	Chatua	Nachhipura	155	718	18	Yes				No	No		
1152	Ersama	Chatua	janardanpur	132	500	16	Yes				No	No		
1153	Ersama	Chatua	Narendrapur	50	224	6	Yes				No	No		
1154	Ersama	Chatua	Arjunkula	10	28	1	Yes				No	No		
1155	Ersama	Chatua	Chatua	366	1577	43	Yes				No	No		
1156	Ersama	Chatua	Pokhariapada	92	426	11	Yes				No	No		
1157	Ersama	Chatua	Jaganathapur	26	120	3	Yes				No	No		
1158	Ersama	Chatua	Manapur	277	1166	33	Yes				No	No		
1159	Ersama	Chatua	Parapada	71	360	8	Yes				No	No		
1160	Ersama	Balitutha	Alligarh	122	506	14	Yes				No	No		
1161	Ersama	Balitutha	Sanagabapur	97	434	11	Yes				No	No		
1162	Ersama	Balitutha	Badagabapur	279	1193	33	Yes				No	No		
1163	Ersama	Balitutha	Mulakani	47	238	6	Yes				No	No		
1164	Ersama	Balitutha	Banapatakandha	135	631	16	Yes				No	No		
1165	Ersama	Balitutha	Kokakhandha	35	129	4	Yes				No	No		
1166	Ersama	Balitutha	Balitutha	297	1231	35	Yes				No	No		
1167	Ersama	Balitutha	Badabuda	149	688	18	Yes				No	No		

1168	Ersama	Balitutha	Bhitarasrichandanpur	59	295	7	Yes				No	No		
1169	Ersama	Dhinkia	Badakantakandha	0	0	0	Yes				No	No		
1170	Ersama	Dhinkia	Firikichhitakandha	0	0	0	Yes				No	No		
1171	Ersama	Dhinkia	Panigadiakandha	4	12	0	Yes				No	No		
1172	Ersama	Dhinkia	Gobindapur	661	2743	78	Yes				No	No		
1173	Ersama	Dhinkia	Dhinkia	832	4141	98	Yes				No	No		
1174	Ersama	Dhinkia	Trilochanpur	554	2803	65	Yes				No	No		
1175	Ersama	Dhinkia	Baradakandha	0	0	0	Yes				No	No		
1176	Ersama	Dhinkia	Abhayachandapur	8	28	1	Yes				No	No		
1177	Ersama	Dhinkia	Kansaripatia	5	9	1	Yes				No	No		
1178	Ersama	Nuagaon	Barkuda	0	0	0	Yes				No	No		
1179	Ersama	Nuagaon	Nuagan	1248	5185	147	Yes				No	No		
1180	Ersama	Gadakujanga	Painchimania	0	0	0	Yes				No	No		
1181	Ersama	Gadakujanga	Garhkujang	455	2082	54	Yes				No	No		
1182	Ersama	Gadakujanga	Kendubelari	0	0	0	Yes				No	No		
1183	Ersama	Gadakujanga	Bhunyapal	88	389	10	Yes				No	No		
1184	Ersama	Gadakujanga	Jatadhartanda	0	0	0	Yes				No	No		
1185	Ersama	Gadakujanga	Noliasahi	191	780	23	Yes				No	No		
1186	Ersama	Gadakujanga	Polanga	96	396	11	Yes				No	No		

1187	Ersama	Gadakujanga	Bayanalkandha	43	186	5	Yes				No	No		
1188	Ersama	Kunjakothi	Bhejibaripachara	127	639	15	Yes				No	No		
1189	Ersama	Kunjakothi	Kunjakothi	521	2137	61	Yes				No	No		
1190	Ersama	Kunjakothi	Kanaguli	452	1889	53	Yes				No	No		
1191	Ersama	Kunjakothi	Nuaratanpur	329	1337	39	Yes				No	No		
1192	Ersama	Kunjakothi	Khurantutha	419	1659	49	Yes				No	No		
1193	Ersama	Japa	Jatadhar	0	0	0	Yes				No	No		
1194	Ersama	Japa	Iribina	250	958	30	Yes				No	No		
1195	Ersama	Japa	Achhutadaspur	141	555	17	Yes				No	No		
1196	Ersama	Japa	Japabhuan	335	1358	40	Yes				No	No		
1197	Ersama	Japa	Chadheikuda	4	18	0	Yes				No	No		
1198	Ersama	Japa	Pandiakana	14	61	2	Yes				No	No		
1199	Ersama	Japa	Kaliakana	59	235	7	Yes				No	No		
1200	Ersama	Japa	Bartol	112	567	13	Yes				No	No		
1201	Ersama	Japa	Sunadiakandha	96	509	11	Yes				No	No		
1202	Ersama	Japa	Dhobei	124	599	15	Yes				No	No		
1203	Ersama	Japa	Deika	105	469	12	Yes				No	No		
1204	Ersama	Japa	Botigan	84	329	10	Yes				No	No		
1205	Ersama	Japa	Dhobeijangal	354	1473	42	Yes				No	No		

1206	Ersama	Japa	Kochilabedi	71	311	8	Yes				No	No		
1207	Ersama	Jirailo	Jaipat	58	285	7	Yes				No	No		
1208	Ersama	Jirailo	Jireilo	179	767	21	Yes				No	No		
1209	Ersama	Jirailo	Kimilo	102	455	12	Yes				No	No		
1210	Ersama	Jirailo	Ekagharia	74	327	9	Yes				No	No		
1211	Ersama	Jirailo	Sahadabedi	75	306	9	Yes				No	No		
1212	Ersama	Jirailo	Badabelari	105	440	12	Yes				No	No		
1213	Ersama	Jirailo	Saraba	175	821	21	Yes				No	No		
1214	Ersama	Jirailo	Ordailo	41	173	5	Yes				No	No		
1215	Ersama	Pokhariapada	Nuapada	11	36	1	Yes				No	No		
1216	Ersama	Pokhariapada	Srichandanpur	64	259	8	Yes				No	No		
1217	Ersama	Pokhariapada	Bhajana	105	505	12	Yes				No	No		
1218	Ersama	Pokhariapada	Kopalmandal	48	203	6	Yes				No	No		
1219	Ersama	Pokhariapada	Asarana	147	712	17	Yes				No	No		
1220	Ersama	Pokhariapada	Rurupada	25	99	3	Yes				No	No		
1221	Ersama	Pokhariapada	Madhupur	65	282	8	Yes				No	No		
1222	Ersama	Pokhariapada	Pokhariapada	146	658	17	Yes				No	No		
1223	Ersama	Pokhariapada	Santola	83	348	10	Yes				No	No		
1224	Ersama	Pokhariapada	Lachhmakana	56	247	7	Yes				No	No		

1225	Ersama	Pokhariapada	Baliakani	63	315	7	Yes				No	No		
1226	Ersama	Paida	Serapur	59	265	7	Yes				No	No		
1227	Ersama	Paida	Singarsahi	551	2302	65	Yes				No	No		
1228	Ersama	Paida	Alanavasa	96	318	11	Yes				No	No		
1229	Ersama	Paida	Paida	336	1409	40	Yes				No	No		
1230	Ersama	Paida	Kaithola	100	481	12	Yes				No	No		
1231	Ersama	Sompur	Rogal	83	320	10	Yes				No	No		
1232	Ersama	Sompur	Haripa	123	538	15	Yes				No	No		
1233	Ersama	Sompur	Podana	92	390	11	Yes				No	No		
1234	Ersama	Sompur	Suida	31	143	4	Yes				No	No		
1235	Ersama	Sompur	Apandara	112	478	13	Yes				No	No		
1236	Ersama	Sompur	Orali	208	845	25	Yes				No	No		
1237	Ersama	Sompur	Nailo	0	0	0	Yes				No	No		
1238	Ersama	Sompur	Somapur	366	1579	43	Yes				No	No		
1239	Ersama	Sompur	Ghodadia	169	709	20	Yes				No	No		
1240	Ersama	Sompur	Kanjiakana	187	752	22	Yes				No	No		
1241	Ersama	Sompur	Garadamalla	118	530	14	Yes				No	No		
1242	Ersama	Sompur	Kanpada	79	426	9	Yes				No	No		
1243	Ersama	Naradia	Rambhala chaka	0	0	0	Yes				No	No		

1244	Ersama	Naradia	Naradia	254	1149	30	Yes				No	No		
1245	Ersama	Naradia	Tikarapada	120	429	14	Yes				No	No		
1246	Ersama	Naradia	Paniendula	38	174	4	Yes				No	No		
1247	Ersama	Naradia	Gobindpur	279	1115	33	Yes				No	No		
1248	Ersama	Naradia	Sribantapur	0	0	0	Yes				No	No		
1249	Ersama	Naradia	Narayanprasad	3	14	0	Yes				No	No		
1250	Ersama	Naradia	Ganeswarapur	141	614	17	Yes				No	No		
1251	Ersama	Janakadeipur	Narasinghpur	202	903	24	Yes				No	No		
1252	Ersama	Janakadeipur	Gambharikana	96	442	11	Yes				No	No		
1253	Ersama	Janakadeipur	Durgapur	180	802	21	Yes				No	No		
1254	Ersama	Janakadeipur	Basudeipur	43	242	5	Yes				No	No		
1255	Ersama	Janakadeipur	Balarampur	141	664	17	Yes				No	No		
1256	Ersama	Janakadeipur	Lachhamakana	88	340	10	Yes				No	No		
1257	Ersama	Janakadeipur	Balabhadrapur	69	306	8	Yes				No	No		
1258	Ersama	Janakadeipur	Janakadeipur	124	546	15	Yes				No	No		
1259	Ersama	Janakadeipur	Sahada	264	1115	31	Yes				No	No		
1260	Ersama	Janakadeipur	Paikabati	0	0	0	Yes				No	No		
1261	Ersama	Goda	Aunri	119	558	14	Yes				No	No		
1262	Ersama	Goda	Birakishorpur	135	572	16	Yes				No	No		

1263	Ersama	Goda	Kadalibari	96	485	11	Yes				No	No		
1264	Ersama	Goda	Jasapur	140	596	17	Yes				No	No		
1265	Ersama	Goda	Machhapada	91	421	11	Yes				No	No		
1266	Ersama	Goda	Rajapur	157	669	19	Yes				No	No		
1267	Ersama	Goda	Padanapur	27	110	3	Yes				No	No		
1268	Ersama	Goda	Gateswarpur	106	431	13	Yes				No	No		
1269	Ersama	Goda	Biswanathpur	47	196	6	Yes				No	No		
1270	Ersama	Goda	Kunarbedi	173	787	20	Yes				No	No		
1271	Ersama	Goda	Ghosaghar	184	843	22	Yes				No	No		
1272	Ersama	Goda	Sovapata	42	186	5	Yes				No	No		
1273	Ersama	Goda	Salio	203	795	24	Yes				No	No		
1274	Ersama	Goda	Goda	331	1572	39	Yes				No	No		
1275	Ersama	Gadahasishpur	Asia	198	912	23	Yes				No	No		
1276	Ersama	Gadahasishpur	Garia	585	2482	69	Yes				No	No		
1277	Ersama	Gadahasishpur	Harispurgarh	945	4236	112	Yes				No	No		
1278	Ersama	Gadabisunpur	Talanga	153	737	18	Yes				No	No		
1279	Ersama	Gadabisunpur	Dharijan	95	404	11	Yes				No	No		
1280	Ersama	Gadabisunpur	Gadabishunpur	413	1954	49	Yes				No	No		
1281	Ersama	Gadabisunpur	Biswanathapur	89	405	11	Yes				No	No		

1282	Ersama	Gadabisunpur	Gopalpur	105	456	12	Yes				No	No		
1283	Ersama	Gadabisunpur	Khatikolada	417	1959	49	Yes				No	No		
1284	Ersama	Ambiki	Kankan	270	1197	32	Yes				No	No		
1285	Ersama	Ambiki	Kiada	310	1278	37	Yes				No	No		
1286	Ersama	Ambiki	Ambiki	1234	5164	146	Yes				No	No		
1287	Ersama	Padmapur	Padamapur	1132	5274	134	Yes				No	No		
1288	Ersama	Padmapur	Sahadabedi	316	1577	37	Yes				No	No		
1289	Ersama	Bamadeipur	Bamadeipur	710	3161	84	Yes				No	No		
1290	Ersama	Bamadeipur	Chhatarakandha	124	524	15	Yes				No	No		
1291	Ersama	Bamadeipur	Jalapadakandha	3	11	0	Yes				No	No		
1292	Ersama	Bamadeipur	Kuatarakandha	17	65	2	Yes				No	No		
1293	Ersama	Bamadeipur	Kankardia	445	2086	53	Yes				No	No		
1294	Ersama	Bamadeipur	Sunadiakandha	90	342	11	Yes				No	No		

3.3 List of Hospitals/ Health Centers Exposed to Cyclone

Sl. No.	Name & Location of the Hospital/ Health Center	Gram Panchayat Name	Block Name
1	PHC(New) ,Dasabatia	Dasabatia	Balikuda
2	PHC(New) ,Machhagan	Machhagaon	Balikuda
3	PHC(N) Tarasahi	Tarasahi	Balikuda
4	PHCN(N)Dhinkia	Dhikia	Erasama
5	PHC(New) ,Malipur	Mallipur	Erasama
6	PHC(New) ,Balitutha	Balitutha	Erasama
7	PHC(New) ,Gorada	Gorada	Kujanga
8	PHC(New) ,Potanai	Potanei	Kujanga

List of **Hospitals/ Health Centers** Exposed to Tsunami

Sl. No.	Name & Location of the Hospital/ Health Center	Gram Panchayat Name	Block Name
1	CHC Paradeep	Paradeep	Kujanga

List of Hospitals/ Health Centers Exposed to Flood

Sl. No.	Name & Location of the Hospital/ Health Center	No. of Beds	Gram Panchayat Name	Block Name	Flood Causing Agent
	NIL				

List of Hospitals/ Health Centers Exposed to Land Slide

Sl. No.	Name & Location of the Hospital/ Health Center	Land Slide Zone/ Area/ Location	Block Name
	Nil		

List of Schools/ AWC Exposed to Land Slide

Sl. No.	Name & Location of the School/ AWC building	Land Slide Zone/ Area/ Location	Block Name
	Nil		

Hospitals adjacent to Major Industrial Establishment/ Chemical Storage Points.

Sl. No.	Name & Location of the Industry/ Factory/ Chemical Storage Points	Name and location of the Hospital/ Health Center	Gram Panchayat	Block
	Nil			