



District Disaster Management Plan

District: Patuakhali

Plan developed by

District Disaster Management Committee, Patuakhali

Coordinated by



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Acknowledgment

Development district Disaster Management Plan (DMP) under the Comprehensive Disaster Management Programme is an important document which could help as a complete guideline for the particular district. Concern bodies of the Government of People Republic of Bangladesh have assisted to develop the Disaster Management Plan for Patuakhali district. As implementing agency Muslim Aid has kept its great contribution to structuring the guideline and CDMP has provided fund for successful accomplishment. The report will be connected with district central web portal (Zila Tottho Batayan) as soon as possible to make access the DMP information for all. Initial works to develop the report has been started since September 2013 and in 2014 the report has approved by full consents of district disaster management committee accordingly. The committee has full authority to have the require correction as well as inclusion & exclusion could be worked out for further improvement of the report.

We are expecting that, the report would be played a pioneer and active role to face the natural calamity which describe inside elaborately and we also believe that, the people of this district will be benefited by the report effectively indeed.

I am expressing my sincere gratitude to Govt. official's colleague, officials of district level upazila level and officers from Muslim Aid who were involved and made very honest effort to develop Patuakhali district disaster management plan report.



(Shanti Ranjan Boiddha)

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&
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District Disaster Management Plan

Patuakhali District

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Chapter- 01: Introduction of Local Area

1.1. Background

As per recommendation of Standing Order of Disaster, Risk Reduction and Contingency Plan should be included in the district level Disaster Management Plan. CDMP has given significant priority to the subject of district wise Disaster Management Plan that will be developed for next 3 to 5 years long and focus will be effectiveness and sustainable planning, inclusive result oriented strategy, related stakeholders and proper participation of local institutions and community people.

Bangladesh is a disaster prone country of the world and every districts of this country are severely hits by various natural calamities more or less. Among the districts, Patuakhali and variance part of this district are highly vulnerable due to its geological position and frequently affected by heavy downpour, cyclone, drought, cold web, high tide, salinity and other hazards. Bangladesh mainly is a riverine country and as situated on coastal belt, Patuakhali is consistently affected more or less by particular natural hazards as like heavy rainfall and river erosions each year. On the other hand, manmade hazards such as deforestation, unplanned shrimp culture and chemical use also destroyed the natural and biological balance of this district. Patuakhali consists of total 8 sub-districts/upazilas are consistently affected by such disaster including cyclone, high tide, water logging, salinity which are seriously collapsing the life and livelihood of inhabitants of these upazila. In this circumstance, there were not any long-term strategic plan or mentionable initiatives had taken at the end of district level to reduce risk damage and save life and livelihoods since the district experiences various disasters every year. Disaster management plan for Patuakhali district has been prepared by following the national level comprehensive disaster management strategy.

1.2 Main objective of the Plan:

- Mass awareness on disaster risk and threats to the family as well as community level and all kind of disaster risk reduction
- Instigate a rational and realistic process in the family, community, union parishad, upazila and district level

- Proper utilization of local resources to reduce disaster risks and develop implementation process
- Practice and functional local level community approach of evacuations, rescue, need assessment, relief, instant rehabilitation and emergency responses of disaster
- To develop a strategic plan/charter for a certain area and time
- The plan also helps to the disaster management committee and allied sectors e.g. govt., national and international agencies and donor as an universal comprehensive plan
- Direction and guidance to develop plan and procedure of implementation for the relevant stakeholders of disaster management
- Enhance sincere participation, ownership and effective partnership to develop community level disaster planning

1.3 Introduction of Local Area

1.3.1 Geographical position of the district:

Total area of Patuakhali district is 3220.15 sq. km. Neighboring district Barishal is situated on the north side of Patuakhali and Bay of Bengal and Barguna district are located on the south side. Bhola and river Tetulia are on the east and other part of the Barguna district situated on the west side of Patuakhali. Once upon a time Patuakhali was a part of ancient Imperial of Chandradip. Kachua of Bawfal was capital of the Imperial. The capital was transferred to Madhap pasha of Barishal due to coastal disaster and frequent aggressions by Partugiz and Mog community. King Todormal, the minister of emperor Akbar, sent Zimmak Khan to carry out a survey in 1599. The forest area of Chandra dip was isolated from Chandra dip and declared as Bazuhadba restricted area. In Selimabad, Bazug umedpur and uranpur, three kingdoms were established. The Budhist Rakhain of Arkan fled to get rid of the oppression of Burma's King and started living in Golachipa, Kuakata of Kalapara upazila, and different islands of Rangabali. Since then habitats of people keep increasing. In 1971 during liberation war, 3 pak army died in a guerrilla war held in Panpatti village of Galachipa upazila. Pak army killed 29 villagers and destroyed many houses and structures in Chiknikandi and Dakuanam on 8 may. 32 freedom fighters and many soldiers of pak army died in a collision at an end of Mirjagang upazila. On the bank of Kumarkhali River in Baufal upazila, a war took place. Pak army killed 35 villagers and destroyed many things.

(Source: www.patuakhali.gov.bd)

L8

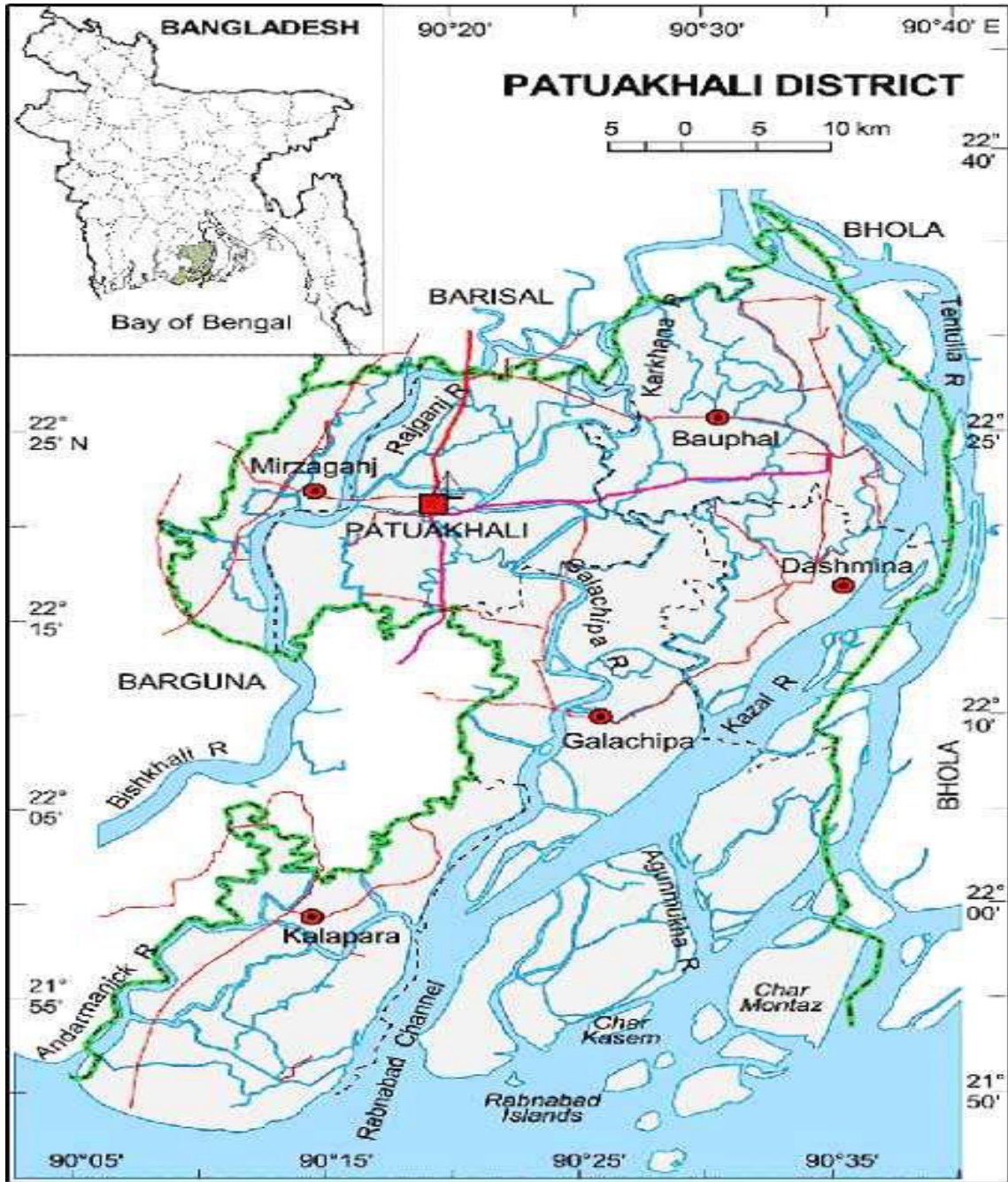


Figure: Patuakhali District and Location Map

1.3.2 Area

Patuakhali is a highly disaster prone district of Bangladesh. Total area of Patuakhali district is 3220.15 sq. km. List of upazila and union under the district has given below:

District	Upazila	Unions under the upazila of this districts
Patuakhali	Bawfal	Adabaria, Boga, Bawfal, Daspara, Kalaia, Kalishuri, Konkdia, Keshobpur, Madonpur, Nazirpur, Dhulia, Nowmala, Shurjomoni, Kasipara
	Dashmina	Alipura, Bohorampur, Banshbaria, Betagi, Shankipur, Dashmina, Rongopaldi
	Dumki	Angaria, Pangashia, Lebukhali, Muradia, Srirampur
	Golachipa	Amkhola, Bokulbaria, Char Kajal, Char Bissas, Chikunikandi, Dakua, Golachipa, Golkhali, Rotondi Taltoli, Gojalia, Kolagasia, Panpotti
	Rangabali	Borobainshdia, Rangabali, Chottobainshdia, Chalitabunia, Char montaj
	Kolapara	Kolapara, Nilganj, Tiakhali, Dhankhali, Dalbuganj, Dhularsar, Mithaganj, Mohipur, Chakamoya, Lotachapli, Llua, Baliatoli, Champapur
	Mirzaganj	Amragasia, Deuli Subidkhali, Kakrabunia, Majidbaria, Mirzaganj, Madhobkhali
	Patuakhali Sadar	Badarpur, Chotobighai, Awliapur, Itbaria, Joinkathi, Borobighai, Kalikapur, Kamplapur, Lawkathi, Lohalia, Madarbunia, Morichbunia

Source: Statistics Department, Patuakhali

1.3.3 Population:

Total population of Patuakhali district is 21,39,213 (male 10,83,250 and female 10,55,963).

Upazila wise population is shown in the following chart:

Upazila	Male	Female	Person with disability	Total population	Family	Voter
Bawfal	139145	139967		279112	55823	201458
Dashmina	121449	121182		242631	48526	179283
Dumki	117872	117102	9957	234974	46995	167238
Golachipa	146262	146144		292406	58481	185124
Rangabali	119877	119080		238957	47791	182491
Kolapara	147514	147317		294831	58966	201654
Mirzaganj	127590	126270		253860	50772	178125
Patuakhali	152459	149983		302442	60488	209825
Sadar						

(Source: Statistics and Election Commission Department, Patuakhali)

1.4 Infrastructural and non-infrastructural information of the district:

1.4.1 Infrastructure:

Embankment:

In Patuakhali district, every upazila has flood protection dam. Total length of the dam of this district is 3210 km. (approx.) and average height of the dam is 6 fit (approx.).

Kalapara upazila under Patuakhali district covered by 420 km. flood protection embankment where average height is approximate 7 fit. Some unions such as Lalua and Champapur usually go under water in time of high tide. Embankments of these unions are in risky condition. In the Sadar upazila, there is approx. 120 km. long dam that covered the area with an average height of 10 fit (approx).

Embankment information of other upazilas is as follows:

- In Golachipa upazila, length of the dam is 480 km. and height 5 fit (all approx.)
- In Rangabali upazila, length of the dam is 210 km. and height 6 fit (all approx.)

- In Dashomina upazila, length of the dam is 482 km. and height 8 fit (all approx.)
- In Dumki upazila, length of the dam is 502 km. and height 6 fit (all approx.)
- In Mirzaganj upazila, length of the dam is 503 km. and height 5 fit (all approx.)
- In Bawfal upazila, length of the dam is 487 km. and height 7 fit (all approx.)

Flood protection embankments of Kolapara, Golachipa, Rangabali, Bawfal under Patuakhali are very worst in condition and most of them go under water in time of high tide. It causes of huge damages of public and private property as well as detaches the inter connection of the upazila. These embankments connect upazilas with one another.

(Source: Water Development Board & LGED, Patuakhali)

Sluice gate:

All over the Patuakhali total number of 1580 dam adjacent to sluice gate has been recorded. The sluice gates are connected with Andhar manik, Purbo sonatola, Tiakhali river, Lohalia, Payra, Agunmukha river and canals entire the district. Several of these sluice gates are not working properly. Excessive fluctuation of water causes flood and water logging. In Kalapara upazila it has near about 110 sluice gates and most of them are in weak condition. Lack of proper maintenance, sluice gates of Lalua, Nilganj, Lotachapli, Dhankhali & Champapur has appeared as curse for the inhabitants of these upazila. In Golachipa it has 245 sluice gates and most of them are working good. Some unions of the Golachipa are facing waterlog and inundation problem due to inferior structures of the sluice gates. Total 152 sluice gates are present in Rangabali and all are good in condition. The river led Rangabali often suffers by waterlog hazard in the normal coastal tide period. In Dashomina upazila, total 244 sluice gates, working condition of them are remarkable. In Dumki 45, sluice gates are very poor in condition out of total 243. People of many unions under Dumki are suffering and crops are affected by the water hazard frequently. Number of sluice gates in Mirzaganj upazila is 246 and around 50 gates are required to repair immediately.

(Source: Water Development Board & LGED, Patuakhali)

Bridge:

Patuakhali district has total 147 (approx.) different size bridges are over the district's rivers and channels. All bridges are good in condition and effectually used by the peoples of this district. Three bridges are still in under construction over the river of Andhar manik, Purbo sonatola,

Tiakhali under Kolapara upazila and total 20 bridges are present in this upazila. Upazila wise bridges information are as follows:

- 25 bridges in Patuakhali Sadar upazila
- 8 bridges in Rangabali upazila
- 21 bridges in Golachipa upazila
- 17 bridges in Dashomina upazila
- 19 bridges in Dumki upazila
- 19 bridges in Mirzaganj upazila
- 19 bridges in Bawfal upazila

Mention that, total 19 bridges are under in construction in the upazila of Kolapara, Rangabali, Golachipa, Dumki and Bawfal in this district. Communication, connectivity with the entire districts as well as people will be benefited after completion the infrastructure properly and in timely.

(Source: Water Development Board & LGED, Patuakhali)

Culverts:

In the Patuakhali district, it has total 3463 (approx.) different size culverts over the district's rivers and channels. Maximum culverts are working and some of under in construction. Four culverts of Rangabali, Golachipa, Kolapara & Dumki are serious worst condition and need to be repair as emergency basis. Culverts status is as follows:

- In Kolapara upaizla it has 50 culverts
- In Patuakhali Sadar upaizla it has 353 culverts
- In Golachipa upaizla it has 502 culverts
- In Rangabali upaizla it has 255 culverts
- In Dashomina upaizla it has 462 culverts
- In Dumki upaizla it has 444 culverts
- In Mirzaganj upaizla it has 456 culverts
- In Bawfal upaizla it has 442 culverts

(Source: Water Development Board & LGED, Patuakhali)

Road:

Total length of the road is 11,230 km. (Kancha road 9823 km., HDD 400 km., Paka road 957 km. Carpeting 50 km.)

- Total length of the road of Kolapara upazila is 1508 km. (Kancha road 1275 km., HDD 1069 km., Paka road 140 km. Carpeting 50 km.)
- Total length of the road of Golachipa upazila is 1713 km. (Kancha road 1324 km., HDD 266 km., Paka road 103 km.)
- Total length of the road of Rangabali upazila is 563 km. (Kancha road 419 km., HDD 134 km., Paka road 10km.)
- Total length of the road of Dashomina upazila is 1417 km. (Kancha road 1187 km., HDD 135 km., Paka road 95 km.)
- Total length of the road of Dumki upazila is 1354 km. (Kancha road 1097 km., HDD 165 km., Paka road 92 km.)
- Total length of the road of Mirzaganj upazila is 1153 km. (HDD 236 km.)
- Total length of the road of Bawfal upazila is 1454 km. (Kancha road 1202 km., HDD 155 km., Paka road 97 km.)

(Source: LGED, Patuakhali)

Irrigation:

Total Selo machine 4360, Boro 2020 hector, Robi crops 52700 hector, Ropa Amon supplement irrigation 23000 hector, Awous 1800 hector.

- In Kolapara upazila Selo machine 760, Boro 350 hector, Robi crops 14800 hector, Ropa Amon 10000 hector, Awous 400 hector
- In Patuakhali Sadar upazila Selo machine 52, Boro 50 hector, Robi crops 2900 hector, Ropa Amon 1070 hector, Awous 106 hector
- In Golachipa upazila Selo machine 522, Boro 282 hector, Robi crops 6270 hector, Ropa Amon 2900 hector, Awous 277 hector
- In Rangabali upazila Selo machine 217, Boro 105 hector, Robi crops 3750 hector, Ropa Amon 1055 hector, Awous 128 hector
- In Dashomina upazila Selo machine 711, Boro 307 hector, Robi crops 5985 hector, Ropa Amon 1075 hector, Awous 247 hector

- In Dumki upazila Selo machine 565, Boro 258 hector, Robi crops 5435 hector, Ropa Amon 2095 hector, Awous 198 hector
- In Mirzaganj upazila Selo machine 397, Boro 337 hector, Robi crops 6579 hector, Ropa Amon 2959 hector, Awous 203 hector
- In Bawfal upazila Selo machine 376, Boro 331 hector, Robi crops 6981 hector, Ropa Amon 1846 hector, Awous 241 hector

(Source: Agriculture Department, Patuakhali)

Village market and Hat:

There are total 150 hats and village markets in Patuakhali district. Hats sit almost every day in a week, which covers every upazila or union in the district. Temporary stall sits beside the main shops in the hat day and temporary market also sits every morning and evening in the district and sub-district level area. Local leaders conduct the village market and hats in this district by taking lease from district authority. Upazila wise village market and hats are as follows:

- 17 village market/hat in Kolapar upazila
- 35 of Patuakhali Sadar upazila
- 21 village market in Golachipa upazila
- 4 are in Rangabali
- 17 are in Dashomina upazila
- 18 are Dumki
- 19 village market in Mirzaganj upazila and
- 19 are at Bawfal upazila

(Source: Statistics Department, Patuakhali.)

1.4.2 Social Assets:

- ***House:***

Except Patuakhali Sadar, houses of all upazilas and unions are made of tin. Paka and semi-paka houses are very rare. Kancha (mud made house) are not available in those areas. Upazila wise house status is:

- 58,966 houses in Kolapar upazila
- 60,448 are in Patuakhali upazila
- 58,481 are in Golachipa upazila

- 47,791 are in Rangabali upazila
- 48,526 are in Dashomina upazila
- 46995 are in Dumki upazila
- 50,772 are in Mirzaganj upazila and
- 55,822 are in Bawfal upazila

(Source: Statistics Department, Patuakhali.)

- ***Drinking water:***

Peoples of this district are habituated to drink tube-well and ponds water. In Patuakhali district, 143 deep tube-wells are not working out of 4095 and 368 tube-wells founds placed average flood level marks. Hundred percent people of this district have access to tube-well water for drinking as well as using for other purpose. Upazila wise tube-well status below:

- Kolapar upazila has 2801 tube-wells and of them 11 are out of order. 67 tub-wells are placed above average flood level.
- Patuakhali Sadar upazila has 247 tube-well and 6 are not working. 27 tube-wells are staying above flood level.
- Golachiap upazila has 207 tube-wells of them out of order 3 and 52 tube-wells are placed above flood water level.
- In Rangabali upazila 2 tube-wells are not working out of 80 and 29 are present above flood water level.
- In Dashomina upazila 3 are out of order out of 194 and 47 are placed above the level of flood water
- 195 tube-well in Dumki upazila and among of them 4 are not working. 53 tube-wells are present above flood water level.
- In Mirzaganj 146 tube-wells where 5 are in bad condition and 44 tube-wells are existing above flood water level.
- In Bawfal upazila 225 tube-wells exist where 4 are out of order. 59 tube-wells are above flood water level.

(Source: DPHE, Patuakhali)

- ***District sanitation status:***

In the Patuakhali district, total 300,152 sanitary latrines are present where 25000 are above flood water level. Moreover, 25,000 latrines are still usable during the flood. 70% people use sanitary latrines in the district. Presently, sanitary survey 2014 is running in this district. Upazila level sanitary latrine status:

- Kolapara upazila has 26090 sanitary latrines and 2500 latrines are above flood water level.
- Patuakhali Sadar upazila has 105000 sanitary latrines where 4087 are above flood water level
- In Golachipa upazila has 35970 sanitary latrines and 3693 are above flood level
- Rangabali upazila has 10787 sanitary latrines and 2088 latrines are above flood level
- Dashomin upazila has 22195 sanitary latrines and 1420 are placed above flood water level.
- In Dumki it has 30710 sanitary latrines and 3887 latrines are above flood water level.
- Mirzaganj upazila has 37721 sanitary latrines where 3911 latrines are above flood water level.
- Bawfal upazila has 31679 sanitary latrines and 3790 latrines are above flood level.

(Source: DPHE, Patuakhali)

- ***Educational institutions:***

In the Patuakhali district has 1173 primary schools, 1 Science and Technology University, 2 Govt. Colleges, 1 Polytechnic Institute, 2 Vocational, 1 Primary teachers training institute, 1 Nursing institute, 32 Non-Govt. Colleges, 1 Law college, 1 Homeopathic college, 2 Govt. Higher secondary schools, 295 Non-govt. Secondary schools, 284 Madrasha.

(Source: www.patuakhali.gov.bd)

- ***Educational institute/Library - Education rate of the district: 65%***

Please see the annexure of Govt. and non-govt. library status.

(Source: DPEO Office, Patuakhali.)

- **Religious institute:**

Tentatively 3893 Mosques, 490 Temples, 22 Churches and 8 Pagodas for Buddhist community are in the Patuakhali district. Upazila level status as follow:

- Kolapara upazila has 387 mosques, 45 temples, 3 churches and 6 pagodas
- Patuakhali Sadar upazila has 1173 mosques, 50 temples and 2 churches
- In Golachipa upazila has 497 mosques, 67 temples and 4 churches
- In Rangabali upazila has 109 mosques, 60 temples, 5 churches and 2 pagodas
- Dumki upazila has 404 mosques, 80 temples and 2 churches
- Bawfal upazila has 443 mosques, 75 temples and 2 churches
- In Mirzaganj 477 mosques, 81 temples and 2 churches

(Source: www.patuakhali.gov.bd)

- **Eid prayer ground (Local name Eid Gah):**

Tentative 3741 Eid prayer grounds are in Patuakhali district and only Sadar upazila has total 402 Eid grounds where largest one is also situated here. In Golachipa 557 Eid prayer grounds, Rangabali 336, Dashomina has 461, Dumki has 442, Mirzaganj has 435, Bawfal 523 and Kolapara upazila has 585 Eid prayer grounds.

(Source: www.patuakhali.gov.bd)

- **Health facility:**

In Patuakhali 14 hospitals, 152 community clinics, 15 diagnostic centers and 137 different size of medicine pharmacy are available all over the district. Expert registered doctors provide health service in the district hospital and community clinics. On the other hand, unregistered doctors and practitioner in the pharmacies also provide health service.

- **Bank:**

Total 25 schedule Banks are available in the Patuakhali district. Among the banks 5 are govt. owned and rest 20 banks are private which all are situated in the district and upazila urban area. Kolapara upazila has 9 banks, Patuakhali Sadar upazila has 8 and 2 banks are present in Golachipa upazila. In Rangabali, Dashomina, Dumki and Bawfal, every upazila has 1 bank each and in Mirzaganj has 2 schedule banks who are servicing to safe

money transaction, deposit scheme, agriculture & SME loan and other financial services in the district.

(Source: Statistics Department, Patuakhali)

- **Post Office:**

In the Patuakhali district and upazila level, 75 post offices provide satisfactory services to the people. 37 post offices are in Kolapara, 12 post offices are in Patuakhali Sadar upazila, 6 are in Golachipa upazila, 2 are in Rangabali upazila, 6 are in Dashomina upazila, 7 post offices are in Dumki upazila and Mirzaganj and Bawfal upazila has 7 and 8 post offices respectively. People of this district are getting services from those post offices as postal cash card service, Mobile money order service, GEP service, Savings, Letter and Parcel services and others.

(Source: Statistics Department, Patuakhali)

- **Club and cultural center:**

There are 500 voluntary organization/club are actively work all over Patuakhali district.

(Source: Social Service Department, Patuakhali)

- **NGOs of Patuakhali district:**

List of NGOs working with DRR in Patuakhali district:

Sl. No.	NGOs	Activities	Beneficiaries coverage	Project duration
1	Muslim Aid	<ul style="list-style-type: none"> ✓ School base SMC meeting ✓ Awareness meeting and training with school students ✓ Training on DRR ✓ Awareness on disaster and adaptation ✓ Ward disaster management committee ✓ Meeting with UDMC & UZDMC 	33576	April 2013 to January 2016

		<ul style="list-style-type: none"> ✓ Simulation drill on disaster preparedness ✓ Day celebration ✓ Enhance school base facilities ✓ Develop district and upzila level disaster management plan ✓ IGA (Income generating activity) ✓ Cash for work and cash for training 		
2	Avash	<ul style="list-style-type: none"> ✓ Disaster awareness meeting ✓ Climate change awareness ✓ Farmer awareness ✓ Emergency relief in disaster ✓ Day celebration ✓ Emergency relief to cyclone Mohasen victims ✓ House, sanitary latrine reconstruction ✓ Assist to aquaculture & fish farming ✓ Seed distribution ✓ Deep tube-well renovation 	490	April 2010 to December 2015
3	FH	<ul style="list-style-type: none"> ✓ Disaster training ✓ Mass awareness on disaster ✓ Rehabilitation 	350	January 2008 to January 2020
4	Friendship	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ CCP meeting ✓ Awareness program with secondary school level students 	37500	June 2013 to May 2014

5	Web Foundation	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster ✓ House reconstruction 	1598	June 2010 to June 2016
6	JJS	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster ✓ House reconstruction ✓ Assist to fishermen 	3200	October 2013 to March 2014
7	World Concern	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster ✓ House reconstruction 	18777	July 2013 to December 2016
8	Polli Gono Unnayan Kendra (PGUK)	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster 	1890	April 2007 to January 2020
9	Speed Truест	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Yard gathering ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Mock drill on disaster preparedness ✓ Day celebration 	37555	May 2011 to March 2015
10	CODEC	<ul style="list-style-type: none"> ✓ Disaster training ✓ Mass awareness on disaster ✓ Awareness related drama ✓ Listing and identification of fishermen 	3235	November 2013 to April 2014
11	Karitash	<ul style="list-style-type: none"> ✓ Village disaster management 	3800	May 2011

		<ul style="list-style-type: none"> committee ✓ Yard gathering ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Mock drill on disaster preparedness ✓ Day celebration 		to March 2015
12	BRAC	<ul style="list-style-type: none"> ✓ Awareness on disaster ✓ Mock drill on disaster preparedness ✓ Sanitation 	40000	April 2010 to August 2016
13	Islamic Relief (IR)	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Yard gathering ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Construction cyclone center ✓ Mock drill on disaster preparedness ✓ Day celebration 	38000	April 2010 to August 2016
14	Save the Children	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Yard gathering ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Construction cyclone center ✓ Mock drill on disaster preparedness 	40000	April 2011 to April 2016

		✓ Day celebration		
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(Source: From Working NGOs, Patuakhali Area)

- **Playground:**

Around 1094 playgrounds are in Patuakhali district. Most of the playgrounds are lowland and usually these are inundated in the rainy season. Kolapara upazila has 185 playgrounds, Patuakhali Sadar has 102, 220 in Golachipa upazila, In Rangabali 86 playgrounds, Dashomina upazila has 121, Dumki upazila has 122 playgrounds. Mirzaganj and Bawfal upazila has 135 and 123 playgrounds respectively.

(Source: Statistics Department, Patuakhali.)

- **Graveyard/Shawshanghat :**

Total 17 graveyards/shawshanghats are present in entire Patuakhali district and all are situated above flood water level.

Kolapara upazila has 2 graveyards and 1 shawshanghat. Patuakhali Sadar upazila has 3 graveyards and 2 shawshanghat. Golachipa upazila has 2 graveyards and 1 shawshanghat, Rangabali upazila has 2 graveyards and 1 shawshanghat, Dashomina upazila has 2 graveyards and 1 shawshanghat, Dumki upazila has 2 graveyards and 1 shawshanghat and in Mirzaganj and Bawfal both upazila has 2 graveyards each and 1 shawshanghat each respectively.

Mention that, people also use their own land as graveyards and shawshanghat and maximum are inundated by floodwater due to lowland situation.

(Source: Statistics Department, Patuakhali.)

- **Communication and transportation:**

In Patuakhali district, 39000 different category transportations have been recorded. People are using various registered and non-registered transports such as Rickshawa, Auto, Engine van, Nosimon, Korimon, Motorcycle, Van, Pic-up, Bus and country boat to travel one place to another of the district.

(Source: Statistics Department, Patuakhali.)

Sadar upazila of Patuakhali has 7000 transports, Golachipa has 5000, Rangabali has 3500, Dashomina has 4500, Dumki upazila has 4000 transports, Mirzaganj has 4500 and in order to Bawfal and Kolapara upazila there are 5000 and 5500 transports that have been recorded respectively.

(Source: Statistics Department, Patuakhali.)

- ***Forest area and forestation:***

Total 8615.87-acre land is covered by forest area in the Patuakhali district. On the other hand, embankments, road-highways and link road of Water Development Board of the district been forested. In Char area of this district, there are different types of tree such as Kewra, Gewoa, Shundori and on the road and highway side Akashmoni, Arjun, Mahogoni, Rain tree, Amloki, Babla have been planted by local government, NGOs and individual initiatives.

Afforest coverage of Kolapara upazila is 1613 acre, Patuakhali Sadar has covered 45 acre, Golachipa 2023 acre, Rangabali upazila 1502 acre, Dashomina upazila has covered 1089 acre, Dumki upazila 1022 acre and Mirzaganj and Bawfal has been covered by the forestation as 600.70 and 721.17 acre respectively.

(Source: Forest Department, Patuakhali)

1.4.3 Weather and climate:

Yearly weather and climate record of Patuakhali is as follows:

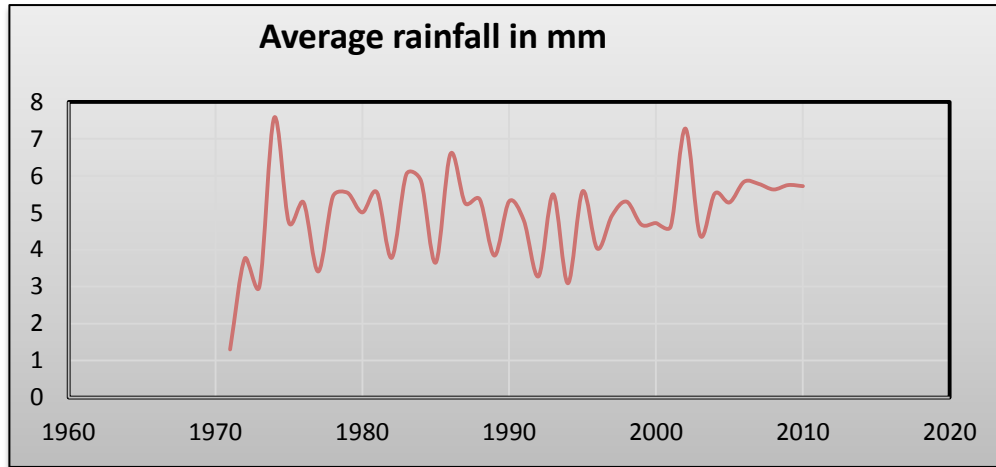
- Yearly temperature: 33.33⁰ C (maximum) and 12.1⁰ C (minimum)
- Year rainfall record: 25.06 mm
- Maximum water high level: 2.85 miter
- Average height of the sea level: 3 to 3.5 miter

(Source: Weather Office, Patuakhali).

- **Rainfall trained:**

Trend of the rainfall of this district has been gradually changed in comparison to last 10 years record. Thunderstorm and its severity have also been increased. According the scientific analysis average rainfall of this area is increasing steadily.

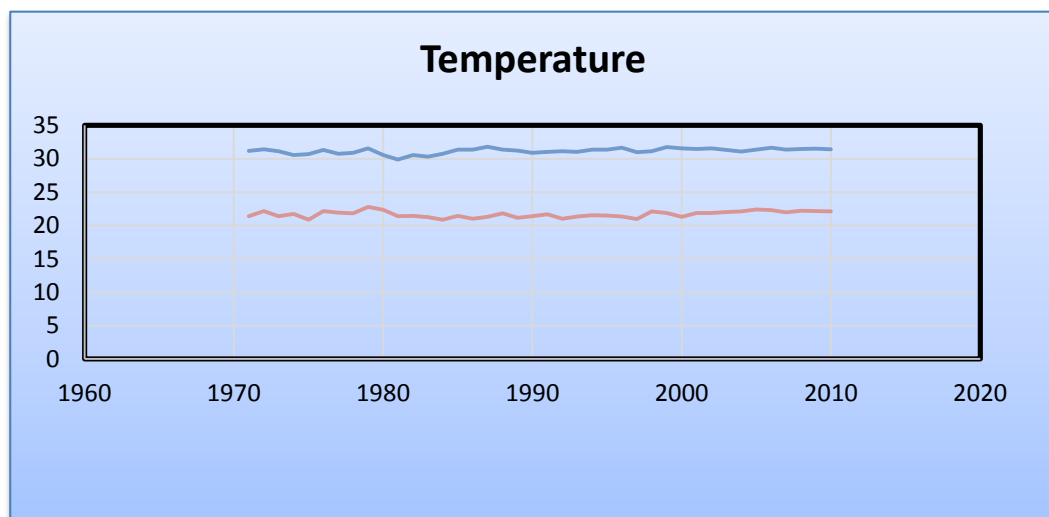
(Source: Weather Office, Patuakhali).



- **Temperature:**

Maximum and minimum temperature status of this district is shown for last 3 years. As per 10 years statistics, the average temperature of district is increasing gradually.

(Source: Weather Office, Patuakhali).



- **Underground water level:**

The average underground water level of this district is 6 to 7 fit but in winter season water level goes to lower level as per record

(Source: DPHE Office, Patuakhali)

1.4.3 Others:

- **Land & land use:**

Total area (Km ²)	3220.15
Total area (Hector)	322015
Total cultivated area (Hector)	213600
Total crops land (Hector)	444090
One time crops land (Hector)	50600
Two times crops land (Hector)	95510
Three times crops land (Hector)	67490
More than three times crops land (Hector)	-
Net crops land (Hector)	213600
Temporary fallow land (Hector)	1798
Permanent fellow land (Hector)	4905
Crops obesity (%)	208%
Obesity of land use (%)	68%
High land (Hector)	2584 (1.2%)
Mid land (Hector)	179376 (83.83%)
Mid lowland (Hector)	32040 (14.97%)
Lowland (Hector)	-
Extreme lowland (Hector)	-
Number of farmer family	260225
Landless farmer (less than 0.02 hector land owner)	36709
Marginal farmer (0.02 to 0.20 hector land owner)	83762

Small farmer (0.02 to 1.00 hector land owner)	77275
Mid level farmer (1.01 to 3.00 hector land owner)	50342
Mid level farmer (above 3.00 hector land owner)	12137
Sublease farmer	169146
Main farmer	91079
A E Z no.	13 AB, 18 AB
Clay fort	-
Standard terracotta soil	265 (0.124%)
Clayey soil	47141 (22.07%)
Standard clayey terracotta soil	89776 (42.03%)
Clayey soil	76418 (35.776%)
Compost clayey soil	00
Pit soil	00
Population	1686534
Food demand (Metric ton)	300159
Food production (Metric ton)	558091
Balance (surplus/deficiency)	193308

(Source: Agriculture Department and Land Office, Patuakhali.)

- **Agriculture & Food:**

Major Rice items are ropa, amon, awush a boro and dal, mugdal, chilly are main crops of this district. Main foods of this district are rice, dal, fish and vegetable.

Soil types:

Standard terracotta soil	265 (0.124%)
Clayey soil	47141 (22.07%)
Standard clayey terracotta soil	89776 (42.03%)
Clayey soil	76418 (35.776%)
Compost clayey soil	00

Pit soil	00
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Classification of major crops/products:

Sl. No.	Time/duration (Oct. – Feb.)	Kharip-1 (March – June)	Kharip-2 (July – Sep.)	Land area (Hector)
1	Uncultivated/ Fallow	Uncultivated/ Fallow	Ropa Amon	11374
2	Uncultivated/ Fallow	Awush	Ropa Amon	5345
3	Kheshari	Uncultivated/ Fallow	Ropa Amon	2440
4	Kheshari	Awush	Ropa Amon	3260
5	Felon	Awush	Ropa Amon	5205
6	Felon	Uncultivated/ Fallow	Ropa Amon	4495
7	Mug	Awush	Ropa Amon	1470
8	Mug	Uncultivated/ Fallow	Ropa Amon	1330
9	Watermelon	Awush	Ropa Amon	950
10	Watermelon	Uncultivated/ Fallow	Ropa Amon	850
11	Groundnut	Uncultivated/ Fallow	Ropa Amon	370
12	Groundnut	Awush	Ropa Amon	370

Food picture of Patuakhali district:

Food demand (Metric ton)	300159 mt.
Food production (Metric ton)	558091 mt.
Surplus	193308 mt.

(Source: Agriculture Department, Patuakhali.)

- ***River:***

Total 20 rivers are flowing on the Patuakhali district. Rivers are, Andharmanik, Purbo Sonatola, Tiakhali, Lohalia, Lawkathi, payra, Lebukhali, Agunmukha, Buragowrango, Tetulia etc. Life and livelihood of fisher's family are dependent on rivers. In the rainy seasons e.g. April to July, riverside families are affected by flood water every year.

Kolapara upazila has 3 rivers, Patuakhali Sadar has 2, Golachipa upazila has 3 rivers, Rangabali has 5, Dashomina has 2, Dumki has 1, Bawfal has 2 and in Mirzaganj upazila has 2 rivers.

(Source: Fisheries Department, Patuakhali.)

- ***Ponds:***

Patuakhali district has total 135068 ponds and people are using those for fishing purpose. Fish farmer needs more training on the fish culture in the district. Kolapara upazila has 17,134 ponds, Patuakhali Sadar upazila has 12,203 ponds, Golachipa has 19,465, Rangabali has 13,248, Dashomina has 17,506 ponds, Dumki upazila has 18,351, Mirzaganj upazila has 18,802 and in the Bawfal upazila has 18,359 ponds.

(Source: Fisheries Department, Patuakhali.)

- ***Canal:***

Total 563 canals are in Patuakhali district and among them 300 are used for fish farming by community approach. The fishing channels are prepared and excavated under FCDI project operating in this district.

Kolapara upazila has 39 canals, Patuakhali Sadar upazila has 57, Golachipa has 85, Rangabali has 72 canals, Dashomina has 86, Dumki upazila has 76, Mirzaganj has 73 and Bawfal upazila has 75 canals.

(Source: Fisheries Department, Patuakhali.)

- ***Bil/Big canal:***

There are no Bil or big canal in the Patuakhali district.

(Source: Fisheries Department, Patuakhali.)

- ***Haor:***

There are no Haor present in the Patuakhali district.

(Source: Fisheries Department, Patuakhali.)

- ***Salinity:***

Patuakhali district is a saline prone area. Croplands, open spaces, river and channels are affected by severe salinity during particular seasons in every year. The saline water damages seasonal crops and boro crops are very rare in the district due to the saline affects.

(Source: Agriculture Department, Patuakhali.)

- ***Arsenic problem:***

Patuakhali is free from arsenic pollution.

(Source: DPHE Office, Patuakhali.)

Chapter- 02: Disaster, Hazard and Vulnerability

2.1 Overall History of Disaster:

- **Major disasters of the district:**

Major disasters of the Patuakhali district are cyclone, high tide, salinity, waterlog, heavy rainfall, drought and riverbank erosion.

- **How and when disaster occurs:**

Patuakhali is situated in the coastal area and river bound lowland district. The district is frequently affected by such disaster in the period of March to May and September to November of every year.

- **History of maximum flood water level:**

During the cyclone Sider, the flood water level of the district was 10 to 12 fit high and that was the highest level of floodwater.

- **History of rapid flood water affects in the district:**

15th November of 2007 during the cyclone Sider, the district experienced the rapid floodwater inundation for the first time.

- **How long the flood water stayed:**

The flood water stayed 2 – 3 hours long over the district during the time of Sider.

- **Damage rate:**

Damage status is shown in the following chart.

- **People are facing the troubles:**

People are facing life and livelihood, communications, disease outbreak and many more problems during the disaster.

• *Recent disaster list are as follows:*

<i>Name of the disaster</i>	<i>Year</i>	<i>Damages</i>	<i>Damage sectors</i>
Cyclone Mohashen (all over the Patuakhali district)	16 th May 2013	<ul style="list-style-type: none"> - Total affected upazila 8 - Affected union 72 - People affected 70409 (approx.) - House damage 25778 - 3 people died of the cyclone attack. - Crops damage status: <ul style="list-style-type: none"> - Oil seed (til) 8323/4216 - Groundnut 6005/2545 - Mugdal 20290/3059 - Sweet potato 1745/690 - Chilies 8400/5290 - Awush seedbed 514/53 	Domestic animal, poultry (duck and hen), trees, fish, infrastructure, road etc.
Cyclone Aila (all over the Patuakhali district)	25 th May 2009	<ul style="list-style-type: none"> - Affected union 72 - Affected area 2395.04 square Km. - Affected family 122145 - People affected 804426 - Injured by the disaster 982 - Houses damaged 103250 - 8 peoples were died by the cyclone hits - Domestic animal damaged 655 (tk. 122145) - Poultry assets damaged 17311 (tk. 	Human life, domestic animal, poultry (duck and hen), trees, fish, infrastructure, road etc.

		<p>1519756)</p> <ul style="list-style-type: none"> - Crops damaged 79430.94 acre land - Saline damaged 500 acre (tk. 1500000) - Shrimp damaged 1747.5 acre (tk. 5082400) - Educational institute damage 531 - Mosque and temple damage 1420 - Roads damaged 2547.59 km. - Embankments damaged 284.896 km - Forest damaged tk. 227570000 - Electricity power system damaged tk. 41395000 - Telecommunication damaged tk.20 million - Industry and factory damage 78 (tk.16202000) - Fish farm damaged 3097 (tk.188450500) - Tube-well damaged 767 - Ponds damaged 32538 - Boat and trawler damaged 3355 (tk. 134090900) - Fishing boat and net damaged 6660 (tk.67292500) - Handloom damaged tk.30000 - Others damaged (uncounted battle leafs, timber and fruits tree (tk.5001631 approx.) 	
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Cyclone Sider (all over the Patuakhali district)	15 th November 2007	<ul style="list-style-type: none"> - Affected people 1037994 - Death record 466 persons - Number of family of death person 350 - Injured person 8500 - Unidentified person 211 - Family damaged 252300 - House damaged 188693 - Mosque/temple damage 1440. - Road damaged 837 km. - School and college damaged 1118 - Crops damage 493505 acre land - Domestic animal damaged 17184 - 	Human life, domestic animal, poultry (duck and hen), trees, fish, infrastructure, road etc.
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(Source: (DRRO Office, Patuakhali)

2.2 Hazards of the district:

Priority hazards of the district are showing in the below chart:

<i>Hazards</i>	<i>Priority</i>
1. River erosion	1. Cyclone
2. High tides	2. High tides
3. Cyclone	3. Salinity
4. Drought	
5. Heavy downpour	
6. Salinity	
7. Water logging	

(Source: (DRRO Office, Patuakhali)

2.3 Description of present and future situation of different hazards:

Patuakhali is a geographically hazardous district and several times it forms overwhelming natural disaster for the life and livings of this district. Natural hazards and disaster details are as follows:

A. Cyclone:

The main hazard of this district is cyclone. Every year the district faces such kind of hazard like coastal cyclone. Due to sea and river adjacent to lowland area, Patuakhali is affected easily by the natural calamity every year frequently. Most of the people depend on fishing in the district and typically, the cyclone makes very worst effect to their life and livelihood. The cyclone damages people life, crops, fish resources, forests, domestic animal, houses, industry and other infrastructures of the district which are shown in above data statistics occurred by Cyclone Mohashen, Aila and Sider accordingly. People are living with high risk in the district because of the road, embankments, culverts, sluice gates are in very inferior condition and not much capable to protect the disasters. Cyclone center and steps of DRR management are relatively insufficient than the people's demand of this district and it would create heavy destruction as well as appear as a fatal disaster if the present conditions is not improved.

B. Coastal high tides:

Another major hazard of this district is coastal high tide, which attacks regularly every year, as it is low and adjoining to the Bay of Bengal. Maximum peoples depend on fishing in the district and naturally the water of high tide effect very awfully to their life and livelihoods. Life, crops, fish resources, forest, domestic animals, houses, industry and infrastructures are deadly affected by the regular coastal high tides in the district, which are shown in above data statistics occurred by Cyclone Mohashen, Aila and Sider accordingly. People are living with high risk in the district because of the road, embankments, culverts, sluice gate are in very inferior condition and not much capable to protect the disasters. Cyclone center and steps of DRR management are relatively

insufficient than the people's demand of this district and it would create heavy destruction as well as appear as a fatal disaster if the present conditions is not improved.

C. Salinity:

All most every corner of the district Patuakhali is more or less affected by salinity. Among the 8 upazilas 4 are severely affected by saline problem which creates very bad impact to crops, forests, fish resources and infrastructure as well as whole life and livelihood of the people. Saline water is easily passed in lowland by the spoiled dam, road and sluice gates during the sea surge and water could not go back to the sea or river from the affected lands. Salinity problem of this district increases day-by-day and such time may come when all the cultivatable lands are likely to be lost in future.

2.4 Vulnerability & Capability:

District vulnerability & capability status is showing in the below chart:

Hazard	Vulnerability	Capability
<p>1. Cyclone</p>	<ul style="list-style-type: none"> - Infrastructure, house and property easily damaged by cyclone because of weak in condition - Bushes around the houses make more vulnerable situation - The district is geologically situated in the coastal belt and cyclone hits harshly to the houses, agriculture, fish resources, drinking water, trees and infrastructures of the district - Cyclone also damages sanitation system of this district - Domestic animal damage by cyclone due to lack of proper adaptation 	<ul style="list-style-type: none"> - Have chance to construct and rebuild disaster friendly and adaptable houses. - Initiatives could be taken to plant protect trees from the cyclone strikes around individual houses and community places - Use concrete block/stone and tree plantation might be strengthen the embankment and coastal roads as well - Have opportunity to improve sanitation system - Demesne lands are available to build

	<p>system</p> <ul style="list-style-type: none"> - People's life are lost by deadly cyclone due to scarcity of sufficient cyclone shelter - Due to insufficient shelter place/fort women, children, physically challenge person as well as animals face massive damages during the cyclone disaster 	<p>cyclone shelter and fort</p> <ul style="list-style-type: none"> - Have opportunity to construct disaster friendly shelter place for domestic animals - Disaster management committee and volunteers are also present in the district
2. Water surge/high tide	<ul style="list-style-type: none"> - Sea water is easily entrance in the coastal adjacent area during the water surge - Insufficient and inferior dam and embankment 	<ul style="list-style-type: none"> - Have space to plantation beside the houses, crops land, road and embankment to protect the disaster - People taking shelter to the higher places and another villages in the period of sea surge of full moon and new moon
3. Salinity	<ul style="list-style-type: none"> - Saline water damage the crops and local crops could not adapt or tolerate the saline water - Crisis of drinking water appear in the dry season due to salinity - Agriculture hampered by unplanned shrimp culture - Natural fish also been damage by sudden salinity - Feeding crisis for animal - High salinity occurred tremendous health hazard for the people of Patuakhali district 	<ul style="list-style-type: none"> - Have opportunity to product saline adjustable crops in this district - Opportunity also available to produce animal food/grass in the fallow land - Have opportunity to pond excavation and ensure community base safe water - Cooperative shrimp farming could be possible in this district - Union level community health clinic and upazila level health services are available here - Scope has available to initiate new embankment and repair existing

		<p>dam in the district</p> <ul style="list-style-type: none"> - Space has available to tree plantation and forestation in the char/island area and around the households - Sub center fund of animals are also offered in the district authority
4. River erosion	<ul style="list-style-type: none"> - People loss property due to river erosion every year - Very inferior embankment over the riverside - Insufficient forestation on the coastline - Very limit area of the district has covered by the flood protection embankment and several part of the embankment has seen damage in condition 	<ul style="list-style-type: none"> - Bamboo feline tree could be implanted on the riverside which gripped mud strongly and protect erosions effectively - Scopes also has available of huge plantation of elm and trees on the road and coastline area - Concrete block could be setup to the riverside dam for erosion protection - Have opportunity to replace and distribute demesne land to the landless people
5. Drought	<ul style="list-style-type: none"> - Not to favor of sufficient trees as per ecological required in the district 	<ul style="list-style-type: none"> - Saline adaptable tree could be implanted as require in the district

Source: (DRRO Office, Patuakhali)

2.5 Highest vulnerable areas.

Descriptions of highest vulnerable areas of Patuakhali district are as follows:

<i>Hazard</i>	<i>Most vulnerable areas</i>	<i>Reason of vulnerability</i>	<i>Vulnerable populace</i>
1. Cyclone	Patuakhali Sader, Galachipa, Kalapara, Rangabali, Mirzaganj, Dashmina, Dumki, Baufall	<ul style="list-style-type: none"> • In costal belt and surrounded by rivers. • Upazila embankments are low and risky. • Sluice gate and culvert are risky and unusable. • Lands are very low. • Embankments are placed next to the road and infrastructural weakness of houses. • Lack of awareness of the community 	1563067 people (on basis of total people).
2. Surge	Patuakhali Sader, Galachipa, Kalapara, Rangabali, Mirzaganj, Dashmina, Dumki, Baufall	<ul style="list-style-type: none"> • In costal belt and surrounded by rivers. • Upazila embankments are low and risky. • Sluice gate and culvert are risky and unusable. • Lands are very low • Embankments are placed next to the road and infrastructural • Lack of awareness of the community. 	1346090 people (on basis of total people)
3. Salinity	Patuakhali Sader, Galachipa,	<ul style="list-style-type: none"> • In costal belt and surrounded by rivers. 	

	Kalapara, Rangabali, Mirzaganj, Dashmina, Dumki, Baufall	<ul style="list-style-type: none"> • Upazila embankments are low and risky. • Sluice gate and culvert are risky and unusable. • Lands are very low • Lack of awareness of the community 	1453890 people (on basis of total people)
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(Source: DRRO Office, Patuakhali)

2.6 Major sector of the development planning:

The chart is showing development planning in the major sector of Patuakhali district.

Major sectors	Detail Description	Consistency with disaster risk reduction
Agriculture	<p>Main crops are Rice, Pulls, Green gram, Pepper etc. Shallow machine-4360 nos, Boro-2020hec, Robi crops-5270 hec, Ropa aman-23000 hec and Aush-1800 hec</p> <p>760 nos of shallow machine are in Kalapara Upazila. Boro-350 hec, Rabi crops-14800 hec, Ropa Amon-10,000 hec and Aush-400 hec.</p> <p>Patuakhali Sadar upazila has 52 sello machines, Boro 50 hectare, Seasonal crops 2900 hectare, Ropa Amon 1070 & Awush 106 hectare.</p> <p>In Golachipa upazila has 522 sello machines, Boro 282 hectare, Seasonal crops 6270 hectare, Ropa</p>	<p>Agricultural rehabilitation, Subsidiaries irrigation, Pucca drainage arrangement, Salinity Tolerant Planting, preparing dry seed bed and Transfer of Technology</p>

	<p>Amon 2900 & Awush 277 hectare.</p> <p>Rangabali upazila has 217 sello machines, Boro 105 hectare, Seasonal crops 3750 hectare, Ropa Amon 1055 & Awush 128 hectare.</p> <p>In Dashomina upazila has 711 sello machines, Boro 307 hectare, Seasonal crops 5985 hectare, Ropa Amon 1075 & Awush 247 hectare.</p> <p>In Dumki upazila has 565 sello machines, Boro 258 hectare, Seasonal crops 5435 hectare, Ropa Amon 2095 & Awush 198 hectare.</p> <p>In Mirzaganj upazila has 397 sello machines, Boro 337 hectare, Seasonal crops 6579 hectare, Ropa Amon 2959 & Awush 203 hectare.</p> <p>In Bawfal upazila has 376 sello machines, Boro 331 hectare, Seasonal crops 6981 hectare, Ropa Amon 1847 & Awush 241 hectare.</p>	
<p>Fish resources</p>	<p>River: total 20 flowing rivers in Patuakhali district, such as Andharmanik, Purbo Sonatola, Tiakhali, Lohalia, Lawkathi, Payra, Lebukhali, Agunmukha, Burigowrango, Tetulia etc. life and livelihoods of fisher families are depends on those rivers. In the rainy seasor particularly May to July, riverside families are affected by the seasonal flood.</p> <p>Kolapar upazila has 3 rivers Patuakhali Sadar has 2 rivers</p>	<p>Different types of fishes like grass cup, panggus are rearing in the ponds and inlet water area in the district. Farmer needs more training and safety equipment for the fish farming.</p>

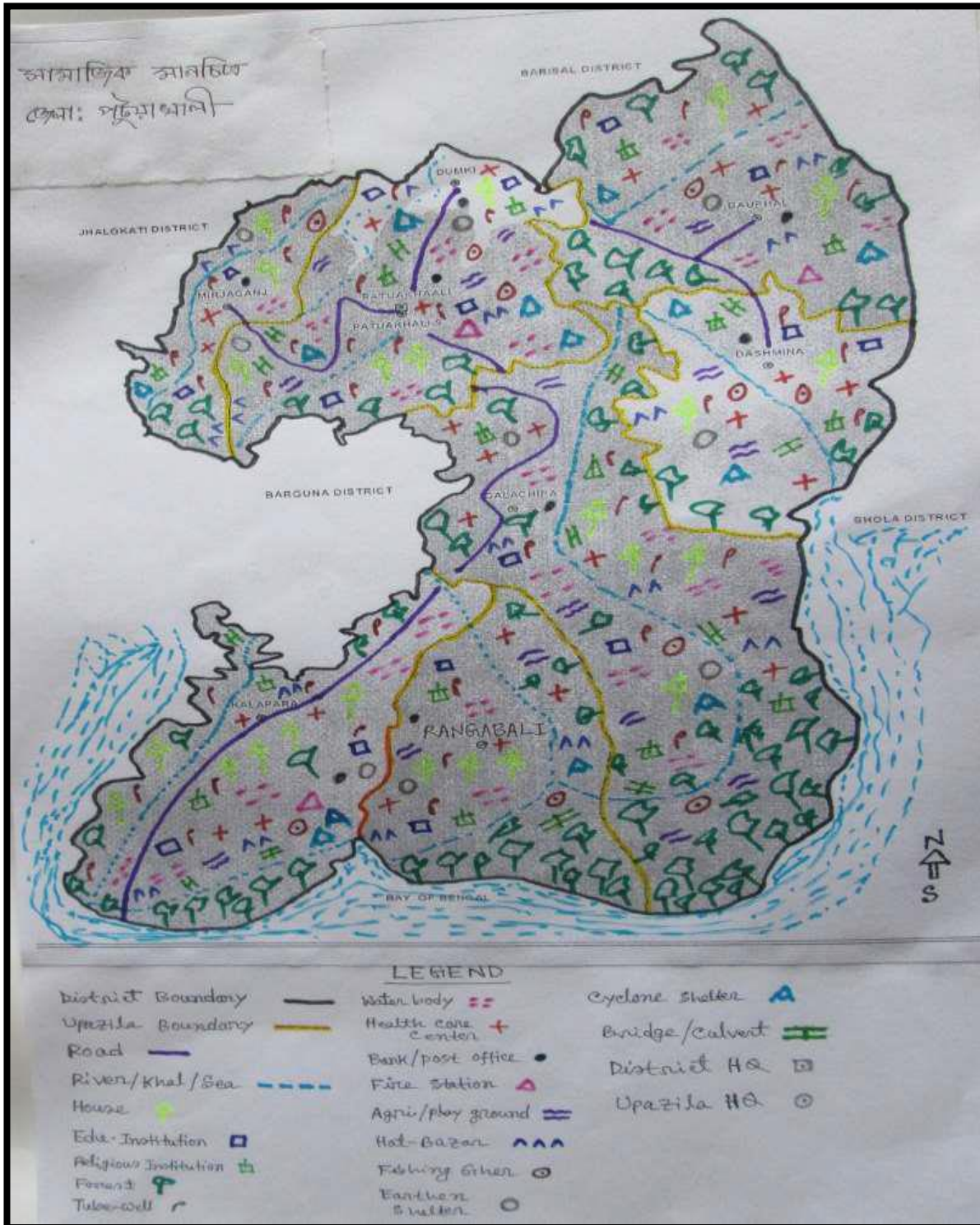
	<p>Golachipa upazila has 3 rivers Rangabali has 5 rivers Dashomina has 2 rivers Dumki upazila has 1 rivers Bawfal has 2 and Mirzaganj upazila has 2 rivers</p> <p>Ponds: Patuakhali has 135068 ponds and all are used for fish farming usually.</p> <p>Kolapar upazila has 17134 ponds Patuakhali Sadar has 12203 ponds Golachipa upazila has 19465 ponds Rangabali has 13,248 ponds Dashomina has 17,506 ponds Dumki upazila has 18,351 ponds Bawfal has 18,359 ponds Mirzaganj upazila has 18,802 ponds</p> <p>Channel: Entire Patuakhali has 563 channels where 300 channels are using for community fish farming by FCDI excavate support.</p> <p>Kolapar upazila has 39 channels Patuakhali Sadar has 57 channels Golachipa upazila has 85 channels Rangabali has 72 channels Dashomina has 86 channels Dumki upazila has 76 channels Bawfal has 75 channels</p>	
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	Mirzaganj upazila has 73 channels	
Animals	Animal fostering, meat/animal protein and milk marketing	Effective vaccine is given to the animals.
Health	Total 152-community clinics are in Patuakhali, 14 hospitals, 15 diagnostic centers, 137 different size pharmacy in Patuakhali district. Expert registered doctors are providing health service in the district hospital and community clinics. On the other hand, unregistered doctors and practitioner in the pharmacies also provide health service.	Initiative has been taken to provide HBs B (Hepatitis B virus) vaccination to the people.
Livelihood	80% fishermen live by fishing in the sea and 20% in inlet water within the district area.	Safety equipment and training will be provided to fishermen.
Tree and forests	<p>Patuakhali has covered by 8615.87 acre forest area and authority initiates more forestation in the new islands, roads and embankment side. Authority also reconstructing the infrastructures to implant different types of tree. Water development board also foresting on their embankment, road and highways and adjacent link roads in the district. In the islands area different types of trees are planted such as Kewra, Gewa, Shundori etc. and on the embankment and road side Akashmoni, Arjun, Mehogoni, Reintree, Amloki, Babla trees are planting. District authority, NGOs and individual has taken such forestation in the district purposely.</p> <p>Total 1613 acre forest area in Kolapara upazila Patuakhali Sadar upazila has 45 acre Golachipa upazila has 2023 acre Rangabali has 1502 acre</p>	Planned forestations on coastal embankment, roadsides would prevent disaster and damages as like a natural railing and reduce the magnitude of cyclone and huge water surges.

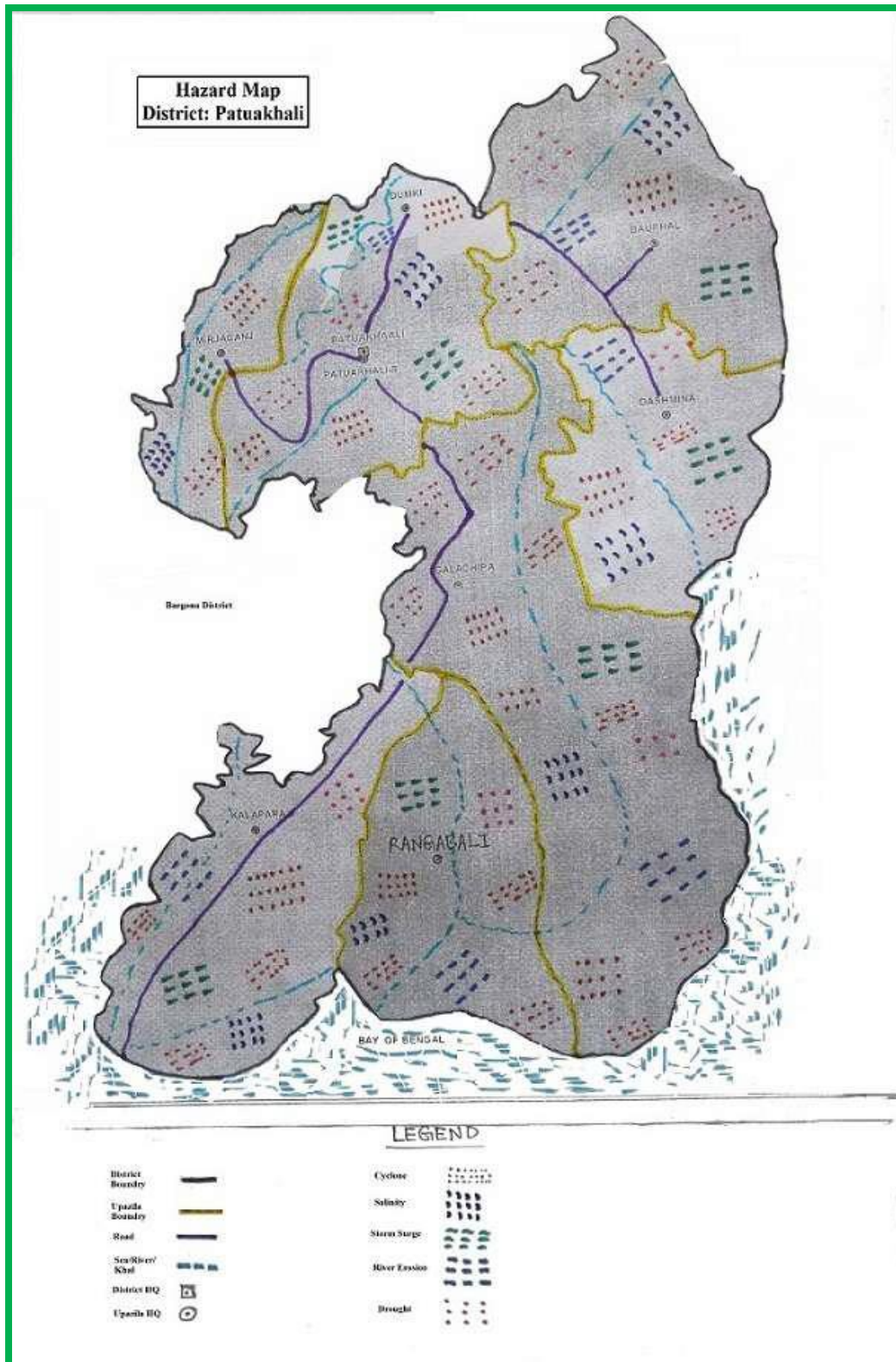
	<p>Dashomina upazila has 1089 acre</p> <p>Dumki upazila has 1022 acre</p> <p>Mirzaganj upazila has 600.70 acre</p> <p>Bawfal upazila has 721.17 acre</p>	
Infrastructure	<p>Several houses and infrastructures are not capable to protect high scale disaster like coastal cyclone and high water surge</p>	<p>There have no mentionable action regarding DRR issue and not sufficient shelter without few cyclone shelters in the Patuakhali district.</p>

(Source: Agriculture, Forest, Livestock, Health, Fisheries Department, Patuakhali)

2.7 Social Map



2.8 Risk and Hazard Map



2.9 Seasonal hazard calendar:

Seasonal hazards of the Patuakhali district is showing in the below calendar:

Sl. No.	Hazards	Apr il	Ma y	Jun e	July	Aug .	Sep. .	Oct. .	Nov .	Dec .	Jan	Feb	Ma r
1	Cyclone												
2	Tidal surge												
3	Salinity												
4	Heavy rainfall												
5	River erosion												

(Source: Agriculture, Forest, Livestock, Fisheries Department, Patuakhali)

Analysis of hazard calendar:

Districts hazards and its enormity in several months within the year are shown by above graphics line. Participants of CRA (Community Risk Assessment) stated the following impacts of such disaster:

- Main natural disaster of Patuakhali district is coastal cyclone. The cyclone causes massive damages in houses, road, educational institutes, crops, domestic animals, life and livelihood of the district, which happen usually mid March to mid May and mid September to mid November of the year.
- Another major hazard of this area is tidal surge, which occurs mid June to mid November, and tremendously damage people's property, crops and animals.
- Salinity is devastating hazard of this district and it's appear mid December to first week of July. Agricultural products are severely affected and damaged by the salinity here. Rest of the time of the year salinity remains low comparatively.

- River erosion is destroying houses, roads, educational institutes and property every year in this district. The wearing down has occurred usually mid in the March to October each year.
- Although Patuakhali district is situated near to the sea and bounded by several rivers, afterward the district subsequently is attacked by the hazard of droughts that affect agricultural products, fisheries and create crisis for drinking water. Irrigation faces extreme water crisis due to the downing of water layer in the underground. The crisis severely appears in the month of April and remains stable until June of the year.

2.10 Seasonal livelihood calendar:

Livelihood calendar of Patuakhali district is as:

Sl. No.	Sources of livelihood	April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan	Feb	Mar
1	Farmer	Summer vegetable		Awush				Amson		Seasonal crops & winter seasonal vegetable			
2	Fishermen	20%	20%	100%	10%	90%	80%	60%	30%	30%	30%	30%	20%
3	Day labour	90%	90%	20%	20%	20%	50%	50%	100%	10%	70%	70%	50%
4	Business man	90%	80%	20%	30%	50%	50%	50%	50%	60%	60%	60%	60%

(Source: Agriculture & Fisheries Department, Patuakhali)

2.11 Vulnerability of life & livelihood:

Vulnerability of life of livelihood of this district describe below:

		Cyclone	Tidal surge	Salinity
	Agriculture	Crops damaged by cyclone create negative impact to the farmers livelihood	Crops damage by tidal surge and crops land inundation makes trouble to the farmers	Crops land lose its productivity for saline water and farmers face trouble in their livelihood
	Fisheries	Cyclone damages the fish farm and collapses farm boundary. Farmers face huge damage by the cyclone attack	Tidal surge washout the fish farms and fishes are die by the saline water. Saline water easily passes in the farms during the surge and farmers face financial damage	Fishes die because it could not abide saline water as well as saline water also damages fish farming.
	Day labor	Cyclone washout crops and fishes and labor could not manage to work during the period. Day laborers pass very lean time after cyclone attack	Income sources and livelihood of day laborers are crashed by the tidal surge. The hazards make them unemployed during the time.	Day laborers become unemployed due to saline water affect in the cultivable land

	Businessman	Businessperson face crisis after cyclone due to crops damage. Traders could not sale and purchase goods properly and market condition goes down gradually.	Businessperson also victimizes as likes crops and fish farmer due to tidal surge.	Lands lose fertility by the saline water and production is hampered which affect the businessperson ultimately.
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(Source: KII and FGD)

Analysis of the vulnerability of life and livelihood:

People of the Patuakhali are classified by 4 categories in profession. 24234 people are living by fishing, 97108 are farmer, 101144 are small traders and businesspersons and 57114 are day laborer based on agriculture sector.

Cyclone: Number of 202529 fishermen out of 242345 is usually affected by the cyclone. The scenario of other sectors is same such as 76933 farmers out of 97108, 81371 small businesspersons out of 101144 and 32278 agriculture labors out of 57114 affected by directly and indirectly with the same disaster each year.

Tidal surge: The disaster affects 179675 fishermen out of 242345, 69526 farmers out of 97108 and 56985 small and medium businessmen are affected by the tidal surge in this district.

Salinity: 34398 farmers out of 97108 are affected by the salinity. During the March-April 143756 farmers out of 242345 are severely affected by the disaster.

River erosion: 3% agriculture lands are wearing away in this district and as a result 2996 farmers are affected direct and indirectly.

2.12 Sector wise hazard and vulnerability:

Sector wise hazard and vulnerability of this district has identified by group work formed by 24 representatives from farmer, landless, female and fisherman.

Hazard and vulnerability are as follows:

Hazards	Vulnerable social elements									
	Crops	Trees	Animals	Fish resources	Houses	Roads	Bridge & culverts	Education institutes	Health service	Shelters
Cyclone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tidal surge	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Salinity	✓	✓	✓	✓			✓	✓	✓	
Drought	✓	✓	✓	✓					✓	
River erosion	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Cyclone effects & damage scenario:

About 8425 acre Amon cultivable land and about 9460 families of Kolapara upazila will be affected directly or indirectly if such cyclone hits like Sider in the year 2007 over the district.

Cyclone can destroy about 3037 acre of Amon, 778 acre of seasonal crops, 720 of Kharip crops where depends on near about 2875 families in the Golachipa upazila.

In Mirzaganj upazila 3855 acre of Amon field, 120 acre of seasonal crops and 40 acre of Kharip crops will be damaged where number of dependent families are 3055 also be affected directly or indirectly.

Rangabali upazila is vulnerable, 1792-acre land for Amon paddy, 189 acre for seasonal crops and 120 acre for Kharip crops out of total land 4154 acre where dependent families are 1852 who possibly will be affected by the cyclone directly or indirectly.

Dashomina upazila is vulnerable, 3600-acre land for Amon paddy, 149 acre for seasonal crops and 55 acre for Kharip crops and total dependent families are 2832 who would be affected direct or indirectly.

Bawfal upazila is vulnerable, 2194-acre land for Amon paddy, 650 acre for Boro crops and 25 acre for seasonal crops and total dependent families are 1777 who would be affected direct or indirectly.

Patuakhali Sadar upazila is vulnerable, 2342-acre land for Amon paddy, 50 acre for Boro crops, 25 acre for seasonal crops and 10 acres for Kharip crops can be affected where dependent families are 9224 entire the upazila.

Dumki upazila is vulnerable, 3145-acre land for Amon paddy, 153 acre for seasonal crops and 51 acre for Kharip crops can be affected where dependent families are 3032 who also can affected direct or indirectly in this upazila.

Tidal surge effects & damage scenario:

By the tidal water surge, 2048 acre for Amon land and 138-acre cultivable land can be completely damaged in the Kolapara upazila of this district where dependent families are 1500 who possibly affected direct or indirectly.

About 1450 acre of Amon land could be affected by the tidal surge in Golachipa upazila where dependent families are 1400 who also living vulnerable condition.

About 2387 acre Amon land, 27 acre for seasonal crops and 29 acres of cultivable land could be affected by the surge where 2015 families possibly affect direct or indirectly in the Mirzaganj upazila.

In Rangabali upazila about 700 acre Amon land can be damaged seriously where 1000 families are depends on the land.

In the Dashomina upazila about 1500 acre Amon land where depending families are 800 possibly affected direct or indirectly by the tidal surges.

Bawfal upazila has 1444 acre land for Amon crops, 400 acres for Boro crops and 166 acre for seasonal crops will be affected by the surges where dependent families are 1231 will also be affected direct or indirectly.

In Patuakhali Sadar upazila about 1864 acre for Amon crops, 400 for Boro crops, 135 for seasonal crops and 80 acre for Kharip crops can be affected by the water surges where 5245 families are dependent also in vulnerable situation.

In Dumki upazila has 1534 acre for Amon crops will be affected if water surge attack and 869 families will be also affected direct or indirectly.

Salinity effects & damage scenario:

Salinity can damage about 3863 acre land for Amon crops and 240 acre for seasonal crops in Kolapar upazila where 2300 families depends can also be affected directly or indirectly.

In Golachipa upazila has 3072 acre of Amon land, 258 acre for seasonal crops and 300 acres for Kharip crops could be damage by the salinity in this upazila where dependent families are 5218 also possibly affect direct or indirectly.

In Mirzaganj upazila about 3832 acre for Amon crops, 320 acre for seasonal crops and 180 for Kharip crops can be affected by the salinity and 3625 families also be affected directly or indirectly in the upazila.

In Rangabali upazila has 6548 acre for Boro, 976 acre for seasonal crops and 600 acres for Kharip crops can be damaged by the salinity where 7502 depending families also be suffered directly or indirectly

Dashomina upazila about 7268 acre for Amon, 572 acre for seasonal crops, 410 acres for Kharip crops possibly damage by the salinity problem and about 4148 families also be suffered by direct or indirectly.

In Bawfal upazila about 6925 acres for Amon crops, 525 acres for Boro can damage where depending families are 9381 who livings in vulnerable situation.

Patuakhali Sadar upazila has 4150 acres for Amon land, 787 acres for Boro, 435 acres for seasonal crops and 300 acres for Kharip crops could be damaged by the salinity where 6875 families can also be affected direct or indirectly.

In Dumki upazila also situated in extreme vulnerable condition including 4189 acres land for Amon, 863 acres for Boro, 678 acres for seasonal crops and 256 acres land for Kharip crops can be affected by the salinity. Total 5895 depending families also are affected by the salinity direct or indirectly.

Drought effects & damage scenario:

Kolapara upazila has 326 acres land for Amon and 20 acres for seasonal crops may be damaged by the drought where 1003 families affected direct or indirectly.

Golachipa upazila about 668 acres Amon land, 146 acres of seasonal crops and 60 acres for Kharip crops can be damaged by the droughts where direct or indirectly 988 families will be affected in this upazila.

Mirzaganj upazila has 2159 acres of Amon land, 200 acres for Boro crops and 50 acres for seasonal crops can be affected by the disaster where 960 families will be suffered direct or indirectly.

Dumki upazila about 500 acres for Amon land can be damaged by such calamity where 900 families are depends direct or indirectly.

Dashomina upazila has 400 acres for Amon land can be affected where 800 families are depends on and possibly to affect direct or indirectly.

River erosion effects & damage scenario:

In Kolapara upazila about 796 acres for Amon land, 260 acres for seasonal crops may damage by the river erosion where 1040 families completely depend on it.

In Golachipa upazila about 986 acres for Amon land, 325 acres for seasonal crops could be affected by the erosions where 1213 families also be affected directly or indirectly.

Rangabali upazila has 1037 acres for Amon crops, 200 acres for seasonal crops and 225 acres for Kharip crops possibly damage by the erosion. Total 1056 families also living in vulnerable situation and can be affected directly or indirectly in this upazila.

In Bawfal upazila about 400 acres for Amon crops are in vulnerable condition with the river erosion and near about 600 families also can be affected by the disaster direct or indirectly.

In Dumki upazila has 839 acres for Amon crops, 280 acres for seasonal crops and 265 acres for Kharip crops may affect by the erosions and 756 families also living vulnerable situations.

Probable trees and forests damaged by cyclone:

Such disaster maybe occur a lot of tee loss all over the district and possible damage statistis are as:

In Kolapar upazila about 7663 fruits tree, 5050 forest trees and 3750 are medicinal herbal trees can be destroyed

Golachipa upazila will face tree damage as 18250 fruits, 2350 forest tree and 6087 medicinal herbal feline trees during the disaster.

In Mirzaganj upazila 10250 fruits, 14775-forest tree and 2375 medicinal herbal feline trees can damage by the disaster

Rangabali upazila 16500 fruits, 23600-forest tree and 2462 medicinal herbal feline trees can possibly damage by the disaster

In Bawfal upazila 16250 fruits, 13950-forest tree and 3587 medicinal herbal feline trees can possibly damage by the disaster

In Dumki upazila 3875 fruits, 5131 forest tree and 475 medicinal herbal feline can possibly damage by the disaster

Patuakhali Sadar upazila 26500 fruits, 90500-forest tree and 3000 medicinal herbal feline can possibly damage by the disaster

In Dashomina upazila 3675 fruits, 4131 forest tree and 375 medicinal herbal feline can possibly damage by the disaster as well as families of this upazila also affected directly or indirectly.

Probable trees and forests damaged by salinity:

Kolapara upazila of Patuakhali district 1330 fruits tree, 2475 forest tree and 2150 medicinal herbal trees may affect by high magnitude of salinity.

In Golachipa upazila 16012 fruits tree, 4225 forest tree and 4500 medicinal herbal trees may affect by high magnitude of salinity.

In Dashomina upazila 4325 fruits tree, 5150 forest tree and 1487 medicinal herbal trees can be affected by high magnitude of salinity.

In Mirzaganj upazila trees are comparatively high in risk as 17875 fruits tree, 18533 forest tree and 2015 medicinal herbal by high enormity of saline problem.

In Rangabali upazila 8565 fruits tree, 4233 forest tree and 700 medicinal herbal trees can be affected by the salinity.

In Bawfal upazila 18100 fruits tree, 1666 forest tree and 250 medicinal herbal trees may affect by high scale of salinity.

In Dumki upazila 17846 fruits tree, 15533-forest tree and 13157 medicinal herbal trees can be affected by high magnitude of salinity.

In Patuakhali Sadar upazila 84250 fruits tree, 17000 forest tree and 2016 medicinal herbal trees can be affected by high magnitude of salinity which will make ultimate adverse impact to the inhabitant of these upazila directly or indirectly.

Damage forecast of tidal surge affected trees and forests:

Kolapara upazila has total 2012 fruits tree, 1783 forest tree and in Golachipa upazila has 1200 fruits and 2100 medicinal herbal trees, which are vulnerable by the tidal surges.

In Dashomina upazila has total 4050 fruits tree, 3600 forest tree and 2700 medicinal herbal trees also in vulnerable situation with the regular tidal surge from the sea.

In Mirzaganj upazila has total 2000 fruits tree and 500 medicinal herbal trees are in highly risk in condition by the tidal surge.

In Rangabali upazila has total 2050 fruits tree, 10250-forest tree, Bawfal upazila has 1200 fruits, and 10250 forest trees are in highly vulnerable condition by the tidal surge.

In Dumki upazila has total 2000 fruits tree and 500 medicinal herbal trees and in Patuakhali Sadar upazila 76250 fruits, 40333 forest tree and 2333 medicinal herbal trees are in highly risky situation by the tidal surges.

Damage forecast of river erosion affected trees and forests:

Kolapara upazila has total 2488 fruits tree, 2750 forest tree and 1125 medicinal herbal and in Golachipa upazila has 11666 fruits, 5000 forest tree and 1250 medicinal herbal trees are vulnerable situation by river erosions.

Rangabali upazila has total 1000 fruits tree, 1200 forest tree and Dumki upazila has 3562 fruits, 6000 forest tree and 540 medicinal herbal trees are in extreme vulnerable and would be damaged by the river erosions.

In Bawfal upazila has 3488 fruits, 3750 forest tree and 2125 medicinal herbal trees wearing away by attrite as well as people also will be affected direct and indirectly.

Damage forecast of seasonal drought affected trees and forests:

In Kolapara upazila has 2000 fruits tree, 4010 forest tree and 550 of herbal trees which will be affected by the seasonal drought.

In Golachipa upazila also affect with drought and still vulnerable of 1450 fruits tree, 566 forest tree and 263 medicinal herbal trees in this upazila.

Mirzaganj upazila has 4500 fruits, 1700 forest tree and 225 herbal trees which can be destroyed by the seasonal droughts and the scenario of Dashomina upazila where has 1250 fruits, 510 forest tree and 163 are medicinal trees also are also vulnerable for the same disaster.

In Dumki upazila has 2000 fruits tree, 1500 forest trees will be affected by the drought and people of this Upazila will also be affected by the same calamity.

Damage forecast of cyclone affected cattle:

If any devastating coastal cyclone hits in future as like Sider 2007 Kolapara upazila under Patuakhali district will face massive destruction of cattle, livestock and poultry resources.

Kolapara has 20240 cows, 10300 goats, 335 sheep, 300-bully cow, 11733 duck, 12383 hens and 1000 other animals, which are still in vulnerable situation by the cyclone.

Cyclone will fatally damage 11020 cow, 7870 goats, 338 sheep, 235 bully cow, 200 pigs, 6600 duck, 8000 hens and 600 other animals in Golachipa upazila, 8364 cow, 2963 goats, 115 sheep, 155 bully cow, 5676 duck, 8231 hens and 100 other animals in Mirzaganj upazila, 7391 cow, 6911 goats, 156 sheep, 196 bully cow, 275 pigs, 7630 duck, 8712 hens and 600 other animals in Rangabali upazila, 8680 cow, 5425 goats, 390 sheep, 167 bully cow, 183 pigs, 4512 duck, 14200 hens and 450 other animals in Dumki upazila, 1225 cow, 2375 goats, 216 sheep, 358 bully cow, 150 pigs, 9655 duck, 7250 hens and 480 other animals in Bawfal upazila, 6537 cow, 7675 goats, 483 sheep, 200 bully cow, 125 pigs, 9387 duck, 16600 hens and 987 other animals in Dashomina upazila, 4537 cow, 5675 goats, 289 sheep, 100 bully cow, 100 pigs, 7387 duck, 10634 hens and 1000 other animals in Patuakhali Sadar upazila in this district. Even every family and natural bio-diversity of those upazila will also be affected by the cyclone directly and indirectly.

Damage forecast of salinity affected cattle:

Affect by high scale salinity in the Kolapara upazila of Patuakhali district will cause huge cattle and domestic animals loss. Statistics are given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.

Damage forecast of tidal surge affected cattle:

Patuakhali district will face huge cattle and domestic animals loss in case of tidal surge hit which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in

Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bulley cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bulley cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bulley cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bulley cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bulley cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bulley cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also be affected by the problem.

Damage forecast of cyclone or tidal surge affected agriculture and fishing farm:

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost in Kalapara Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably Galda fish of 200 and Bagda fish of 100 acre land from 60 Gher of different size will loss in Galachipa Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 2900 families of this Upazila will suffer directly or indirectly

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Dasmina Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Mirzaganj Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at rangabaliUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at BaufhalUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost in patuakhali sader Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at Dhumki Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Damage forecast of Cyclone affected Houses:

Total 1000 nos green homes, 87 terraced homes and 25678 semi pucca homes in Kalapara Upazila,

Total 907nos green homes, 85 terraced homes and 22037 semi pucca homes in Galachipa Upazila,

Total 850 nos green homes and 21245 semi pucca homes in Dasmina Upazila,

Total 986 nos green homes and 22346 semi pucca homes Mirzaganj in Upazila,

Total 750 nos green homes, 14 terraced homes and 19686 semi pucca homes in Rangabali Upazila,

Total 675 nos green homes, 45 terraced homes and 2087 semi pucca homes in Baufhal Upazila,

Total 890 nos green homes, 70 terraced homes and 22966 semi pucca homes in Dumki Upazila,

Total 250 green homes and 11245 semi pucca homes in Patuakhali sader Upazila might be destroyed fully or partially if Patuakhali district will hit by tornado or like Sidor 2007.

Damage forecast of Cyclone affected Infrastructure:

If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there total 76 Primary schools, 2 High schools, 15 Madras, 35 Mosques, 14 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Kalapara Upazila,

total 68 Primary schools, 3 High schools, 13 Madras, 31 Mosques, 17 Temple, 1 Girzas 5 Health centers, 23 Soil made road, 10 km semi pucca road, 6 Cyclone shelter and 15 Culverts, 2 bridges and 3 pools in Galachipa Upazila,

total 26 Primary schools, 3 High schools, 22 Madras, 29 Mosques, 5 Temple, 1 Girzas, 1Clinic, 5 Health centers, 13 Soil made road, 5 km semi pucca road, 6 Cyclone shelter and 15 Culverts, and 4 pools in Dasmina Upazila,

total 45 Primary schools, 2 High schools, 5 Madras, 23 Mosques, 7 Temple, and 8 pools in Mirzaganj Upazila,

total 12 Primary schools, 1 High schools, 11 Madras, 14 Mosques, 4 Temple, 2 Girza, 2 Government and nongovernment office,1 Health centers, 14 Soil made road, 2 km cobbled road, 4 Cyclone shelter in Rangabali Upazila,

total 36 Primary schools, 3 High schools, 15 Madras, 23 Mosques, 3 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Dumki Upazila

total 16 Primary schools, 2 High schools, 18 Madras, 38 Mosques, 2 Temple, 1 Girza, 2 Government office, 1 Health centers, 1 Clinic, 8 km cobbled road 19km Soil made road, 6 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Baufal Upazila,May be destroyed fully or partially.

Damage forecast of Health condition if Cyclone hits:

If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there 45% people will affect in Diarrhea, 12% will suffer in Mucus diarrhea, 30% in Typhoid, 22% will suffer in Jaundice, 22% viral diseases and 5% scène disease in Kalapara Upazila.

25% people will affect in Diarrhea, 10% will suffer in Mucus diarrhea and 14% in Typhoid, 16% will suffer in Jaundice, 20% viral diseases and 7% scène disease in Baufal Upazila.

34% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 17% will suffer in Jaundice, 21% viral diseases and 13% scène disease in Golachipa Upazila.

36% people will affect in Diarrhea, 5% will suffer in Mucus diarrhea and 23% in Typhoid, 25% will suffer in Jaundice and 5% scène disease in Dasmina Upazila.

28% people will affect in Diarrhea, 4% will suffer in Mucus diarrhea and 20% in Typhoid, 16% will suffer in Jaundice, 17% viral diseases and 12% scène disease in Mirzaganj Upazila.

40% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 24% in Typhoid, 26% will suffer in Jaundice, 23% viral diseases and 5% scène disease in Rangabali Upazila.

26% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 18% in Typhoid, 14% will suffer in Jaundice, 11% viral diseases and 6% scène disease in Patuakhali sader Upazila.

26% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 22% will suffer in Jaundice, 28% viral diseases and 12% may suffer by scène disease in Dumki Upazila. The might die as a result every family of these Upazila will suffer in cluding financial problem.

Damage forecast of WASH if Cyclone hits:

If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there Total 725 immature latrines, 1448 semi pucca latrines, 50 durable latrines and 1000 pond in Kalapara Upazila will damage.

Total 760 immature latrines, 1225 semi pucca latrines, 40 durable latrines and 987 ponds in Baufal Upazila, total 618 immature latrines, 1123 semi pucca latrines, 34 durable latrines and 890 ponds in Galachipa Upazila, total 666 immature latrines, and 567 ponds in Dashmina Upazila, total 500 immature latrines, 25 durable latrines and 800 ponds in Mirzaganj Upazila, total 600 immature latrines, 1000 semi pucca latrines, 29 durable latrines and 962 pond in Rangabali Upazila, Total 618 immature latrines, 1125 semi pucca latrines, 35 durable latrines and 568 pond in Dunkiu Upazila, total 342 immature latrines, 200 semi pucca latrines, 23 durable latrines and 725 ponds in Patuakhaliu sader Upazila might be destroyed fully or partially, as a result almost every people of those upazila will suffer in various diseases.

(Source: Forest, Livestock, Fisheries, LGED, Education, Health & Agriculture Department, Patuakhali)

2.13 Climate Change and its probable effect:

Detail description of Climate change effect in different sectors in Patukhali district is as follows.

Sectors	Description
Agriculture	<p>1. Cyclone</p> <p>About 8425 acre Amon cultivable land and about 9460 families of Kolapara upazila will be affected directly or indirectly if such cyclone hits like Sider in the year 2007 over the district. Cyclone can destroy about 3037 acre of Amon, 778 acre of seasonal crops, 720 of Kharip crops where dependent families are near</p>

	<p>about 2875 in Golachipa upazila.</p> <p>In Mirzaganj upazila 3855 acre of Amon field, 120 acre of seasonal crops and 40 acre of Kharip crops will be damaged where number of dependent families are 3055 also be affected directly or indirectly.</p> <p>Rangabali upazila is vulnerable to 1792-acre land for Amon paddy, 189 acre for seasonal crops and 120 acre for Kharip crops out of total land 4154 acre where dependent families are 1852 who possibly be affected by the cyclone directly or indirectly.</p> <p>Dashomina upazila is vulnerable 3600-acre land for Amon paddy, 149 acre for seasonal crops and 55 acre for Kharip crops and total dependent families are 2832 who would be affected directly or indirectly.</p> <p>Bawfal upazila is vulnerable 2194-acre land for Amon paddy, 650 acre for Boro crops and 25 acre for seasonal crops and total dependent families are 1777 who would be affected directly or indirectly.</p> <p>Patuakhali Sadar upazila is vulnerable 2342-acre land for Amon paddy, 50 acre for Boro crops, 25 acre for seasonal crops and 10 acres for Kharip crops can be affected where dependent families are 9224 entire the upazila.</p> <p>Dumki upazila is vulnerable 3145-acre land for Amon paddy, 153 acre for seasonal crops and 51 acre for Kharip crops can be affected where dependent families are 3032 who also can be affected direct or indirectly in this upazila.</p>
	<p>2. Tidal Surge</p> <p>By the tidal water surge, 2048 acre for Amon land and 138 acre cultivable land can completely be damaged in the Kolapara upazila of this district where dependent families are 1500 who possibly affected direct or indirectly.</p> <p>About 1450 acre of Amon land could be affected by the tidal surge in Golachipa upazila where dependent families are 1400 who also living vulnerable condition.</p> <p>About 2387 acre Amon land, 27 acre for seasonal crops and 29 acres of cultivable land could be affected by the surge where 2015 families will be sufferer directly or indirectly in the Mirzaganj upazila.</p>

	<p>In Rangabali upazila about 700 acre Amon land can be damage seriously where 1000 families are dependent on the land.</p> <p>In the Dashomina upazila about 1500 acre Amon land where depending families are 800 possibly be affected directly or indirectly by the tidal surges.</p> <p>Bawfal upazila has 1444 acre land for Amon crops, 400 acres for Boro crops and 166 acre for seasonal crops will be affected by the surges where dependent families are 1231 will also be affected directly or indirectly.</p> <p>In Patuakhali Sadar upazila about 1864 acre for Amon crops, 400 for Boro crops, 135 for seasonal crops and 80 acre for Kharip crops can be affected by the water surges where 5245 families are dependent in vulnerable situation.</p> <p>In Dumki upazila has 1534 acre for Amon crops will be affected if water surge attack and 869 families will be also affected directly or indirectly.</p>
	<p>3. Salinity</p> <p>Salinity can damage about 3863 acre land for Amon crops and 240 acre for seasonal crops in Kolapar upazila where 2300 families depends can also be affected directly or indirectly.</p> <p>Golachipa upazila has 3072 acre of Amon land, 258 acre for seasonal crops and 300 acres for Kharip crops could be damage by the salinity in this upazila where dependent families are 5218 also possibly affect directly or indirectly.</p> <p>Mirzaganj upazila about 3832 acre for Amon crops, 320 acre for seasonal crops and 180 for Kharip crops can be affected by the salinity and 3625 families also be affected directly or indirectly in the upazila.</p> <p>Rangabali upazila has 6548 acre for Boro, 976 acre for seasonal crops and 600 acres for Kharip crops can be damaged by the salinity where 7502 depending families also be suffered directly or indirectly</p>

	<p>Dashomina upazila about 7268 acre for Amon, 572 acre for seasonal crops, 410 acres for Kharip crops possibly damage by the salinity problem and about 4148 families also be suffered by directly or indirectly.</p> <p>In Bawfal upazila about 6925 acres for Amon crops, 525 acres for Boro can damage where depending families are 9381 who livings in vulnerable situation.</p> <p>Patuakhali Sadar upazila has 4150 acres for Amon land, 787 acres for Boro, 435 acres for seasonal crops and 300 acres for Kharip crops could be damaged by the salinity where 6875 families can also be affected directly or indirectly.</p> <p>In Dumki upazila also situated in extreme vulnerable condition including 4189 acres land for Amon, 863 acres for Boro, 678 acres for seasonal crops and 256 acres land for Kharip crops can be affected by the salinity. Total 5895 depending families also are affected by the salinity directly or indirectly.</p>
	<p>4. Drought :</p> <p>Kolapara upazila has 326 acres land for Amon and 20 acres for seasonal crops maybe damaged by the drought where 1003 families affected direct or indirectly.</p> <p>In Golachipa upazila about 668 acres Amon land, 146 acres of seasonal crops and 60 acres for Kharip crops can be damaged by the droughts where directly or indirectly 988 families will be affected in this upazila.</p> <p>Mirzaganj upazila has 2159 acres of Amon land, 200 acres for Boro crops and 50 acres for seasonal crops can be affected by the disaster where 960 families will be suffered directly or indirectly.</p> <p>In Dumki upazila about 500 acres for Amon land can be damaged by such calamity where 900 families are depends directly or indirectly</p> <p>In Dashomina upazila has 400 acres for Amon land can be affected where 800 families are depends on and possibly to affect directly or indirectly.</p> <p>5. River erosion:</p> <p>In Kolapara upazila about 796 acres for Amon land, 260 acres for seasonal crops may damage by the river erosion where 1040 families completely depend on it.</p> <p>In Golachipa upazila about 986 acres for Amon land, 325 acres for seasonal crops could be affected by the erosions where 1213 families also be affected</p>

	<p>directly or indirectly.</p> <p>Rangabali upazila has 1037 acres for Amon crops, 200 acres for seasonal crops and 225 acres for Kharip crops possibly damage by the erosion. Total 1056 families also living in vulnerable situation and can be affected directly or indirectly in this upazila.</p> <p>In Bawfal upazila about 400 acres for Amon crops are in vulnerable condition with the river erosion and near about 600 families also can be affected by the disaster directly or indirectly.</p> <p>In Dumki upazila has 839 acres for Amon crops, 280 acres for seasonal crops and 265 acres for Kharip crops may affect by the erosions and 756 families also living vulnerable situations.</p>
Fish	<p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost in Kalapara Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably Galda fish of 200 and Bagda fish of 100 acre land from 60 Gher of different size will loss in Galachipa Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 2900 families of this Upazila will suffer directly or indirectly</p> <p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Dasmina Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone</p>

	<p>or tidal surge at Mirzaganj Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at rangabaliUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at BaufhalUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost in patuakhali sader Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at Dhumki Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p>
<p>Forest and trees</p>	<p>Such disaster maybe occur a lot of tee loss all over the district and possible damage statistis are as:</p> <p>In Kolapar upazila about 7663 fruits tree, 5050 Bonoj and 3750 are medicinal herbal trees can destroy</p> <p>Golachipa upazila will face tree damage as 18250 fruits, 2350 bonoj and 6087 medicinal herbal feline trees during the disaster.</p> <p>In Mirzaganj upazila 10250 fruits, 14775 bonoj and 2375 medicinal herbal feline trees can damage by the disaster</p>

Rangabali upazila 16500 fruits, 23600 bonoj and 2462 medicinal herbal feline trees can possibly damage by the disaster

In Bawfal upazila 16250 fruits, 13950 bonoj and 3587 medicinal herbal feline trees can possibly damage by the disaster

In Dumki upazila 3875 fruits, 5131 bonoj and 475 medicinal herbal feline can possibly damage by the disaster

Patuakhali Sadar upazila 26500 fruits, 90500 bonoj and 3000 medicinal herbal feline can possibly damage by the disaster

In Dashomina upazila 3675 fruits, 4131 bonoj and 375 medicinal herbal feline can possibly damage by the disaster as well as families of this upazila also affected directly or indirectly.

Probable trees and forests damage by salinity:

Kolapara upazila of Patuakhali district 1330 fruits tree, 2475 bonoj and 2150 medicinal herbal trees may affect by high magnitude of salinity.

In Golachipa upazila 16012 fruits tree, 4225 bonoj and 4500 medicinal herbal trees may affect by high magnitude of salinity.

In Dashomina upazila 4325 fruits tree, 5150 bonoj and 1487 medicinal herbal trees can be affected by high magnitude of salinity.

In Mirzaganj upazila trees are comparatively high in risk as 17875 fruits tree, 18533 bonoj and 2015 medicinal herbal by high enormity of saline problem.

In Rangabali upazila 8565 fruits tree, 4233 bonoj and 700 medicinal herbal trees can be affected by the salinity.

In Bawfal upazila 18100 fruits tree, 1666 bonoj and 250 medicinal herbal trees may affect by high scale of salinity.

In Dumki upazila 17846 fruits tree, 15533 bonoj and 13157 medicinal herbal trees can be affected by high magnitude of salinity.

In Patuakhali Sadar upazila 84250 fruits tree, 17000 bonoj and 2016 medicinal herbal trees can be affected by high magnitude of salinity which will make ultimate adverse impact to the inhabitant of these upazila direct or indirectly.

Damage forecasting of trees and forests by tidal surges:

Kolapara upazila has total 2012 fruits tree, 1783 bonoj and in Golachipa upazila has 1200 fruits and 2100 medicinal herbal trees which are vulnerable by the tidal surges.

In Dashomina upazila has total 4050 fruits tree, 3600 bonoj and 2700 medicinal herbal trees also in vulnerable situation with the regular tidal surge from the sea.

In Mirzaganj upazila has total 2000 fruits tree and 500 medicinal herbal trees are in highly risk in condition by the tidal surge.

In Rangabali upazila has total 2050 fruits tree and 10250 bonoj, in Bawfal upazila has 1200 fruits and 10250 bonoj trees are also highly vulnerable condition by the tidal surge.

In Dumki upazila has total 2000 fruits tree and 500 medicinal herbal trees and in Patuakhali Sadar upazila 76250 fruits, 40333 bonoj and 2333 medicinal herbal trees are in highly risk situation by the tidal surges.

Damage forecast of trees and forests by river erosion:

Kolapara upazila has total 2488 fruits tree, 2750 bonoj and 1125 medicinal herbal and in Golachipa upazila has 11666 fruits, 5000 bonoj and 1250 medicinal

	<p>herbal trees are vulnerable situation by river erosions.</p> <p>Rangabali upazila has total 1000 fruits tree, 1200 bonoj and in Dumki upazila has 3562 fruits, 6000 bonoj and 540 medicinal herbal trees are in extreme vulnerable and would be damaged by the river erosions.</p> <p>In Bawfal upazila has 3488 fruits, 3750 bonoj and 2125 medicinal herbal trees wearing away by attrite as well as people also will be affected direct and indirectly.</p> <p>Damage forecast of trees and forests by seasonal drought:</p> <p>In Kolapara upazila has 2000 fruits tree, 4010 bonoj and 550 of herbal trees which will be affected by the seasonal drought.</p> <p>In Golachipa upazila also affect with drought and still vulnerable of 1450 fruits tree, 566 bonoj and 263 medicinal herbal trees in this upazila.</p> <p>In Mirzaganj upazila has 4500 fruits, 1700 bonoj and 225 herbal trees which can be destroyed by the seasonal droughts and the scenario of Dashomina upazila where has 1250 fruits, 510 bonoj and 163 are medicinal trees also are also vulnerable for the same disaster.</p> <p>In Dumki upazila has 2000 fruits tree, 1500 bonoj tree will be affected by the drought and people of this Upazila will also be affected by the same calamity.</p>
<p>Animal Resources</p>	<p>Damage forecast of cattle by the cyclone:</p> <p>If any devastating coastal cyclone hits in future as like Sider 2007 Kolapara upazila under Patuakhali district will face massive destruction of cattle, livestock and poultry resources. Kolapara has 20240 cows, 10300 goats, 335 sheep, 300 bully cow, 11733 duck, 12383 hens and 1000 other animals which are still in vulnerable situation by the cyclone.</p>

Cyclone will fatally damage 11020 cow, 7870 goats, 338 sheep, 235 bully cow, 200 pigs, 6600 duck, 8000 hens and 600 other animals in Golachipa upazila, 8364 cow, 2963 goats, 115 sheep, 155 bully cow, 5676 duck, 8231 hens and 100 other animals in Mirzaganj upazila, 7391 cow, 6911 goats, 156 sheep, 196 bully cow, 275 pigs, 7630 duck, 8712 hens and 600 other animals in Rangabali upazila, 8680 cow, 5425 goats, 390 sheep, 167 bully cow, 183 pigs, 4512 duck, 14200 hens and 450 other animals in Dumki upazila, 1225 cow, 2375 goats, 216 sheep, 358 bully cow, 150 pigs, 9655 duck, 7250 hens and 480 other animals in Bawfal upazila, 6537 cow, 7675 goats, 483 sheep, 200 bully cow, 125 pigs, 9387 duck, 16600 hens and 987 other animals in Dashomina upazila, 4537 cow, 5675 goats, 289 sheep, 100 bully cow, 100 pigs, 7387 duck, 10634 hens and 1000 other animals in Patuakhali Sadar upazila in this district. Even every family and natural bio-diversity of those upazila will also be affected by the cyclone directly and indirectly.

Damage forecast of cattle by the salinity:

Affect by high scale salinity in the Kolapara upazila of Patuakhali district will face huge cattle and domestic animals loss which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.

Damage forecast of cattle by tidal surge:

	<p>Patuakhali district will face huge cattle and domestic animals loss in case of tidal surge hit which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bullock, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bullock, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bullock, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bullock, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bullock, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bullock, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bullock, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.</p>
Health	<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there 45% people will affect in Diarrhea, 12% will suffer in Mucus diarrhea, 30% in Typhoid, 22% will suffer in Jaundice, 22% viral diseases and 5% scène disease in Kalapara Upazila.</p> <p>25% people will affect in Diarrhea, 10% will suffer in Mucus diarrhea and 14% in Typhoid, 16% will suffer in Jaundice, 20% viral diseases and 7% scène disease in Bawfal Upazila.</p> <p>34% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 17% will suffer in Jaundice, 21% viral diseases and 13% scène disease in Golachipa Upazila.</p> <p>36% people will affect in Diarrhea, 5% will suffer in Mucus diarrhea and 23% in Typhoid, 25% will suffer in Jaundice and 5% scène disease in Dasmina Upazila.</p> <p>28% people will affect in Diarrhea, 4% will suffer in Mucus diarrhea and 20% in Typhoid, 16% will suffer in Jaundice, 17% viral diseases and 12% scène disease in Mirzaganj Upazila.</p> <p>40% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 24% in Typhoid, 26% will suffer in Jaundice, 23% viral diseases and 5% scène disease in Rangabali Upazila.</p> <p>26% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 18% in</p>

	<p>Typhoid, 14% will suffer in Jaundice, 11% viral diseases and 6% scène disease in Patuakhali sader Upazila.</p> <p>26% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 22% will suffer in Jaundice, 28% viral diseases and 12% may suffer by scène disease in Dumki Upazila. The might die as a result every family of these Upazila will suffer in cluding financial problem.</p>
Sanitation and water	<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there</p> <p>Total 725 immature latrines, 1448 semi pucca latrines, 50 durable latrines and 1000 pond in Kalapara Upazila will damage.</p> <p>Total 760 immature latrines, 1225 semi pucca latrines, 40 durable latrines and 987 ponds in Baufal Upazila, total 618 immature latrines, 1123 semi pucca latrines, 34 durable latrines and 890 ponds in Galachipa Upazila, total 666 immature latrines, and 567 ponds in Dashmina Upazila, total 500 immature latrines, 25 durable latrines and 800 ponds in Mirzaganj Upazila, total 600 immature latrines, 1000 semi pucca latrines, 29 durable latrines and 962 pond in Rangabali Upazila, Total 618 immature latrines, 1125 semi pucca latrines, 35 durable latrines and 568 pond in Dunkiu Upazila, total 342 immature latrines, 200 semi pucca latrines, 23 durable latrines and 725 ponds in Patuakhaliu sader Upazila might be destroyed fully or partially, as a result almost every people of those upazila will suffer in various diseases.</p>
Infrastructure	<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there total 76 Primary schools, 2 High schools, 15 Madras, 35 Mosques, 14 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Kalapara Upazila,</p> <p>total 68 Primary schools, 3 High schools, 13 Madras, 31 Mosques, 17 Temple, 1 Girzas 5 Health centers, 23 Soil made road, 10 km semi pucca road, 6 Cyclone shelter and 15 Culverts, 2 bridges and 3 pools in Galachipa Upazila,</p>

	<p>total 26 Primary schools, 3 High schools, 22 Madras, 29 Mosques, 5 Temple, 1 Girzas, 1Clinic, 5 Health centers, 13 Soil made road, 5 km semi pucca road, 6 Cyclone shelter and 15 Culverts, and 4 pools in Dasmina Upazila,</p> <p>total 45 Primary schools, 2 High schools, 5 Madras, 23 Mosques, 7 Temple, and 8 pools in Mirzaganj Upazila,</p> <p>total 12 Primary schools, 1 High schools, 11 Madras, 14 Mosques, 4 Temple, 2 Girza, 2 Government and nongovernment office,1 Health centers, 14 Soil made road, 2 km cobbled road, 4 Cyclone shelter in Rangabali Upazila,</p> <p>total 36 Primary schools, 3 High schools, 15 Madras, 23 Mosques, 3 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Dumki Upazila</p> <p>total 16 Primary schools, 2 High schools, 18 Madras, 38 Mosques, 2 Temple, 1 Girza, 2 Government office, 1 Health centers, 1 Clinic, 8 km cobbled road 19km Soil made road, 6 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Baufal Upazila,May be destroyed fully or partially.</p>
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Chapter 3: Disaster and Risk Reduction

3.1: Identification of risk factors:

Risk factors of Patuakhali district are as follows:

Description of risk	Factors		
	Impulsive	Secondary	Ultimate
<p>Cyclone</p> <p>About 8425 acre Amon cultivable land and about 9460 families of Kolapara upazila will be affected direct or indirectly if such cyclone hits like Sider in the year 2007 over the district. Cyclone can destroy about 3037 acre of Amon, 778 acre of seasonal crops, 720 of Kharip crops where depends on near about 2875 families in the Golachipa upazila.</p> <p>In Mirzaganj upazila 3855 acre of Amon field, 120 acre of seasonal crops and 40 acre of Kharip crops will be damaged where number of depended families are 3055 also affected direct or indirectly. Rangabali upazila is vulnerable to 1792 acre land for Amon paddy, 189 acre for seasonal crops and 120 acre for Kharip crops out of total land 4154 acre where depended families are 1852 who</p>	<ul style="list-style-type: none"> <input type="checkbox"/> No early warning system before disaster. <input type="checkbox"/> About 40% of the communities are untaught about disaster. <input type="checkbox"/> Shelters and social structures are week. <input type="checkbox"/> Lack of proper idea about surge <input type="checkbox"/> Limited temporary shelter and short of safety places. <input type="checkbox"/> For increase temperature. <input type="checkbox"/> For climate change <input type="checkbox"/> As the salt 	<ul style="list-style-type: none"> <input type="checkbox"/> As embankment and road are weak. <input type="checkbox"/> Deficiency of place which can be use as emergency shelter during disaster. <input type="checkbox"/> As the main livelihood of the community is fishing. <input type="checkbox"/> Number of water gauge is high and deficiency of awareness. <input type="checkbox"/> Weak embankments and with low 	<ul style="list-style-type: none"> <input type="checkbox"/> As sea is very closer <input type="checkbox"/> Low land <input type="checkbox"/> Rapid up-down of temperature. <input type="checkbox"/> Sea is very closer <input type="checkbox"/> Relatively poor people are living here. <input type="checkbox"/> Embankment s beside the riverbank are weak and short in height. <input type="checkbox"/> Average rain fall in the dry season are

<p>possibly has affected by the cyclone directly or indirectly.</p> <p>Dashomina upazila is vulnerable 3600 acre land for Amon paddy, 149 acre for seasonal crops and 55 acre for Kharip crops and total depended families are 2832 who would be affected direct or indirectly.</p> <p>Bawfal upazila is vulnerable 2194 acre land for Amon paddy, 650 acre for Boro crops and 25 acre for seasonal crops and total depended families are 1777 who would be affected direct or indirectly.</p> <p>Patuakhali Sadar upazila is vulnerable 2342 acre land for Amon paddy, 50 acre for Boro crops, 25 acre for seasonal crops and 10 acres for Kharip crops can be affected where depended families are 9224 entire the upazila.</p> <p>Dumki upazila is vulnerable 3145 acre land for Amon paddy, 153 acre for seasonal crops and 51 acre for Kharip crops can be affected where depended families are 3032 who also can affected direct or indirectly in this upazila.</p>	<p>water from the sea enter into the agricultural land quickly and remain stable.</p> <p><input type="checkbox"/> Rivers are kharosrota</p>	<p>height.</p> <p><input type="checkbox"/> Not cultivating salinity tolerant crops.</p> <p><input type="checkbox"/> Percentage of sand is high in the lower side of land.</p>	<p>low.</p> <p><input type="checkbox"/> Number of water gauge is high and sea is nearer.</p>
<p>Tidal Surge</p> <p>By the tidal water surge 2048 acre for Amon land and 138 acre cultivable land can completely damage in the Kolapara upazila of this district where depended families are 1500 who possibly affected</p>			

<p>direct or indirectly.</p> <p>About 1450 acre of Amon land could be affected by the tidal surge in Golachipa upazila where depended families are 1400 who also living vulnerable condition.</p> <p>About 2387 acre Amon land, 27 acre for seasonal crops and 29 acres of cultivable land could be affected by the surge where 2015 families possibly affect direct or indirectly in the Mirzaganj upazila.</p> <p>In Rangabali upazila about 700 acre Amon land can be damage seriously where 1000 families are depends on the land.</p> <p>In the Dashomina upazila about 1500 acre Amon land where depending families are 800 possibly affected direct or indirectly by the tidal surges.</p> <p>Bawfal upazila has 1444 acre land for Amon crops, 400 acres for Boro crops and 166 acre for seasonal crops will be affected by the surges where depended families are 1231 will also be affected direct or indirectly.</p>			
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<p>In Patuakhali Sadar upazila about 1864 acre for Amon crops, 400 for Boro crops, 135 for seasonal crops and 80 acre for Kharip crops can be affected by the water surges where 5245 families are depends also in vulnerable situation.</p> <p>In Dumki upazila has 1534 acre for Amon crops will be affected if water surge attack and 869 families will be also affected direct or indirectly.</p>			
<p>Salinity</p> <p>Salinity can damage about 3863 acre land for Amon crops and 240 acre for seasonal crops in Kolapar upazila where 2300 families depends can also be affected directly or indirectly.</p> <p>In Golachipa upazila has 3072 acre of Amon land, 258 acre for seasonal crops and 300 acres for Kharip crops could be damage by the salinity in this upazila where depended families are 5218 also possibly affect direct or indirectly.</p> <p>In Mirzaganj upazila about 3832 acre for Amon crops, 320 acre for seasonal crops and 180 for Kharip crops can be affected by the salinity and 3625 families also be affected directly or indirectly in the upazila.</p>			

<p>In Rangabali upazila has 6548 acre for Boro, 976 acre for seasonal crops and 600 acres for Kharip crops can be damaged by the salinity where 7502 depending families also be suffered directly or indirectly</p> <p>Dashomina upazila about 7268 acre for Amon, 572 acre for seasonal crops, 410 acres for Kharip crops possibly damage by the salinity problem and about 4148 families also be suffered by direct or indirectly.</p> <p>In Bawfal upazila about 6925 acres for Amon crops, 525 acres for Boro can damage where depending families are 9381 who livings in vulnerable situation.</p> <p>Patuakhali Sadar upazila has 4150 acres for Amon land, 787 acres for Boro, 435 acres for seasonal crops and 300 acres for Kharip crops could be damaged by the salinity where 6875 families can also be affected direct or indirectly.</p> <p>In Dumki upazila also situated in extreme vulnerable condition including 4189 acres land for Amon, 863 acres for Boro, 678 acres for seasonal crops and 256 acres land for Kharip crops can be affected by the salinity. Total 5895 depending families also are affected by the salinity direct or indirectly.</p>			
Drought :			

<p>Kolapara upazila has 326 acres land for Amon and 20 acres for seasonal crops maybe damaged by the drought where 1003 families affected direct or indirectly.</p> <p>In Golachipa upazila about 668 acres Amon land, 146 acres of seasonal crops and 60 acres for Kharip crops can be damaged by the droughts where direct or indirectly 988 families will be affected in this upazila.</p> <p>In Mirzaganj upazila has 2159 acres of Amon land, 200 acres for Boro crops and 50 acres for seasonal crops can be affected by the disaster where 960 families will be suffered direct or indirectly.</p> <p>In Dumki upazila about 500 acres for Amon land can be damaged by such calamity where 900 families are depends direct or indirectly</p> <p>In Dashomina upazila has 400 acres for Amon land can be affected where 800 families are depends on and possibly to affect direct or indirectly.</p>			
<p>River erosion:</p> <p>In Kolapara upazila about 796 acres for Amon land, 260 acres for seasonal crops may damage by the river erosion where 1040 families are completely depend on it.</p>			

<p>In Golachipa upazila about 986 acres for Amon land, 325 acres for seasonal crops could be affected by the erosions where 1213 families also be affected direct or indirectly.</p> <p>In Rangabali upazila has 1037 acres for Amon crops, 200 acres for seasonal crops and 225 acres for Kharip crops possibly damage by the erosion. Total 1056 families also living in vulnerable situation and can be affected direct or indirectly in this upazila.</p> <p>In Bawfal upazila about 400 acres for Amon crops are in vulnerable condition with the river erosion and near about 600 families also can be affected by the disaster direct or indirectly.</p> <p>In Dumki upazila has 839 acres for Amon crops, 280 acres for seasonal crops and 265 acres for Kharip crops may affect by the erosions and 756 families also living vulnerable situations.</p>			
<p>Such disaster maybe occur a lot of tee loss all over the district and possible damage statists are as:</p>			

<p>In Kolapar upazila about 7663 fruits tree, 5050 Bonoj and 3750 are medicinal herbal trees can destroy</p> <p>Golachipa upazila will face tree damage as 18250 fruits, 2350 bonoj and 6087 medicinal herbal feline trees during the disaster.</p> <p>In Mirzaganj upazila 10250 fruits, 14775 bonoj and 2375 medicinal herbal feline trees can damage by the disaster</p> <p>Rangabali upazila 16500 fruits, 23600 bonoj and 2462 medicinal herbal feline trees can possibly damage by the disaster</p> <p>In Bawfal upazila 16250 fruits, 13950 bonoj and 3587 medicinal herbal feline trees can possibly damage by the disaster</p> <p>In Dumki upazila 3875 fruits, 5131 bonoj and 475 medicinal herbal feline can possibly damage by the disaster</p> <p>Patuakhali Sadar upazila 26500 fruits, 90500 bonoj and 3000 medicinal herbal feline can possibly damage by the disaster</p> <p>In Dashomina upazila 3675 fruits, 4131 bonoj and 375 medicinal herbal feline can possibly damage by the disaster as well as families of this upazila also affected directly or indirectly.</p>			
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<p>Probable trees and forests damage by salinity:</p> <p>Kolapara upazila of Patuakhali district 1330 fruits tree, 2475 bonoj and 2150 medicinal herbal trees may affect by high magnitude of salinity.</p> <p>In Golachipa upazila 16012 fruits tree, 4225 bonoj and 4500 medicinal herbal trees may affect by high magnitude of salinity.</p> <p>In Dashomina upazila 4325 fruits tree, 5150 bonoj and 1487 medicinal herbal trees can be affected by high magnitude of salinity.</p> <p>In Mirzaganj upazila trees are comparatively high in risk as 17875 fruits tree, 18533 bonoj and 2015 medicinal herbal by high enormity of saline problem.</p> <p>In Rangabali upazila 8565 fruits tree, 4233 bonoj and 700 medicinal herbal trees can be affected by the salinity.</p> <p>In Bawfal upazila 18100 fruits tree, 1666 bonoj and 250 medicinal herbal</p>			
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<p>trees may affect by high scale of salinity.</p> <p>In Dumki upazila 17846 fruits tree, 15533 bonoj and 13157 medicinal herbal trees can be affected by high magnitude of salinity.</p> <p>In Patuakhali Sadar upazila 84250 fruits tree, 17000 bonoj and 2016 medicinal herbal trees can be affected by high magnitude of salinity which will make ultimate adverse impact to the inhabitant of these upazila direct or indirectly.</p> <p>Damage forecasting of trees and forests by tidal surges:</p> <p>Kolapara upazila has total 2012 fruits tree, 1783 bonoj and in Golachipa upazila has 1200 fruits and 2100 medicinal herbal trees which are vulnerable by the tidal surges.</p> <p>In Dashomina upazila has total 4050 fruits tree, 3600 bonoj and 2700 medicinal herbal trees also in vulnerable situation with the regular tidal surge from the sea.</p> <p>In Mirzaganj upazila has total 2000</p>			
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<p>fruits tree and 500 medicinal herbal trees are in highly risk in condition by the tidal surge.</p> <p>In Rangabali upazila has total 2050 fruits tree and 10250 bonoj, in Bawfal upazila has 1200 fruits and 10250 bonoj trees are also highly vulnerable condition by the tidal surge.</p> <p>In Dumki upazila has total 2000 fruits tree and 500 medicinal herbal trees and in Patuakhali Sadar upazila 76250 fruits, 40333 bonoj and 2333 medicinal herbal trees are in highly risk situation by the tidal surges.</p> <p>Damage forecast of trees and forests by river erosion:</p> <p>Kolapara upazila has total 2488 fruits tree, 2750 bonoj and 1125 medicinal herbal and in Golachipa upazila has 11666 fruits, 5000 bonoj and 1250 medicinal herbal trees are vulnerable situation by river erosions.</p> <p>Rangabali upazila has total 1000 fruits tree, 1200 bonoj and in Dumki upazila has 3562 fruits, 6000 bonoj and 540 medicinal herbal trees are in extreme vulnerable and would be damaged by</p>			
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<p>the river erosions.</p> <p>In Bawfal upazila has 3488 fruits, 3750 bonoj and 2125 medicinal herbal trees wearing away by attrite as well as people also will be affected direct and indirectly.</p> <p>Damage forecast of trees and forests by seasonal drought:</p> <p>In Kolapara upazila has 2000 fruits tree, 4010 bonoj and 550 of herbal trees which will be affected by the seasonal drought.</p> <p>In Golachipa upazila also affect with drought and still vulnerable of 1450 fruits tree, 566 bonoj and 263 medicinal herbal trees in this upazila.</p> <p>In Mirzaganj upazila has 4500 fruits, 1700 bonoj and 225 herbal trees which can be destroyed by the seasonal droughts and the scenario of Dashomina upazila where has 1250 fruits, 510 bonoj and 163 are medicinal trees also are also vulnerable for the same disaster.</p> <p>In Dumki upazila has 2000 fruits tree, 1500 bonoj tree will be affected by the drought and people of this Upazila will</p>			
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<p>also be affected by the same calamity.</p>			
<p>Damage forecast of cattle by the cyclone:</p> <p>If any devastating coastal cyclone hits in future as like Sider 2007 Kolapara upazila under Patuakhali district will face massive destruction of cattle, livestock and poultry resources. Kolapara has 20240 cows, 10300 goats, 335 sheep, 300 bully cow, 11733 duck, 12383 hens and 1000 other animals which are still in vulnerable situation by the cyclone.</p> <p>Cyclone will fatally damage 11020 cow, 7870 goats, 338 sheep, 235 bully cow, 200 pigs, 6600 duck, 8000 hens and 600 other animals in Golachipa upazila, 8364 cow, 2963 goats, 115 sheep, 155 bully cow, 5676 duck, 8231 hens and 100 other animals in Mirzaganj upazila, 7391 cow, 6911 goats, 156 sheep, 196 bully cow, 275 pigs, 7630 duck, 8712 hens and 600 other animals in Rangabali upazila, 8680 cow, 5425 goats, 390 sheep, 167 bully cow, 183 pigs, 4512 duck, 14200 hens and 450 other animals in Dumki upazila, 1225 cow, 2375 goats, 216 sheep, 358 bully cow, 150 pigs, 9655 duck, 7250 hens and 480</p>			

other animals in Bawfal upazila, 6537 cow, 7675 goats, 483 sheep, 200 bully cow, 125 pigs, 9387 duck, 16600 hens and 987 other animals in Dashomina upazila, 4537 cow, 5675 goats, 289 sheep, 100 bully cow, 100 pigs, 7387 duck, 10634 hens and 1000 other animals in Patuakhali Sadar upazila in this district. Even every family and natural bio-diversity of those upazila will also be affected by the cyclone directly and indirectly.

Damage forecast of cattle by the salinity:

Affect by high scale salinity in the Kolapara upazila of Patuakhali district will face huge cattle and domestic animals loss which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar

upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.

Patuakhali district will face huge cattle and domestic animals loss in case of tidal surge hit which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.

<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there 45% people will affect in Diarrhea, 12% will suffer in Mucus diarrhea, 305 in Typhoid, 22% will suffer in Jaundice, 22% viral diseases and 5% scène disease in Kalapara Upazila.</p> <p>25% people will affect in Diarrhea, 10% will suffer in Mucus diarrhea and 14% in Typhoid, 16% will suffer in Jaundice, 20% viral diseases and 7% scène disease in Baufal Upazila.</p> <p>34% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 17% will suffer in Jaundice, 21% viral diseases and 13% scène disease in Golachipa Upazila.</p> <p>36% people will affect in Diarrhea, 5% will suffer in Mucus diarrhea and 23% in Typhoid, 25% will suffer in Jaundice and 5% scène disease in Dasmina Upazila.</p> <p>28% people will affect in Diarrhea, 4% will suffer in Mucus diarrhea and 20% in Typhoid, 16% will suffer in Jaundice, 17% viral diseases and 12% scène disease in Mirzaganj Upazila.</p> <p>40% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 24%</p>			
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<p>in Typhoid, 26% will suffer in Jaundice, 23% viral diseases and 5% scène disease in Rangabali Upazila.</p> <p>26% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 18% in Typhoid, 14% will suffer in Jaundice, 11% viral diseases and 6% scène disease in Patuakhali sader Upazila.</p> <p>26% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 22% will suffer in Jaundice, 28% viral diseases and 12% may suffer by scène disease in Dumki Upazila. The might die as a result every family of these Upazila will suffer in cluding financial problem.</p>			
<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there</p> <p>Total 725 immature latrines, 1448 semi pucca latrines, 50 durable latrines and 1000 pond in Kalapara Upazila will damage.</p> <p>Total 760 immature latrines, 1225 semi pucca latrines, 40 durable latrines and 987 ponds in Baufal Upazila, total 618 immature latrines, 1123 semi pucca latrines, 34 durable latrines and 890</p>			

<p>ponds in Galachipa Upazila, total 666 immature latrines, and 567 ponds in Dashmina Upazila, total 500 immature latrines, 25 durable latrines and 800 ponds in Mirzaganj Upazila, total 600 immature latrines, 1000 semi pucca latrines, 29 durable latrines and 962 pond in Rangabali Upazila, Total 618 immature latrines, 1125 semi pucca latrines, 35 durable latrines and 568 pond in Dunkiu Upazila, total 342 immature latrines, 200 semi pucca latrines, 23 durable latrines and 725 ponds in Patuakhaliu sader Upazila might be destroyed fully or partially, as a result almost every people of those upazila will suffer in various diseases.</p>			
<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there total 76 Primary schools, 2 High schools, 15 Madras, 35 Mosques, 14 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Kalapara Upazila,</p> <p>total 68 Primary schools, 3 High schools, 13 Madras, 31 Mosques, 17 Temple, 1 Girzas 5 Health centers, 23 Soil made road, 10 km semi pucca road, 6 Cyclone shelter and 15 Culverts, 2</p>			

<p>bridges and 3 pools in Galachipa Upazila,</p> <p>total 26 Primary schools, 3 High schools, 22 Madras, 29 Mosques, 5 Temple, 1 Girzas, 1Clinic, 5 Health centers, 13 Soil made road, 5 km semi pucca road, 6 Cyclone shelter and 15 Culverts, and 4 pools in Dasmina Upazila,</p> <p>total 45 Primary schools, 2 High schools, 5 Madras, 23 Mosques, 7 Temple, and 8 pools in Mirzaganj Upazila,</p> <p>total 12 Primary schools, 1 High schools, 11 Madras, 14 Mosques, 4 Temple, 2 Girza, 2 Government and nongovernment office,1 Health centers, 14 Soil made road, 2 km cobbled road, 4 Cyclone shelter in Rangabali Upazila,</p> <p>total 36 Primary schools, 3 High schools, 15 Madras, 23 Mosques, 3 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Dumki Upazila</p> <p>total 16 Primary schools, 2 High schools, 18 Madras, 38 Mosques, 2 Temple, 1 Girza, 2 Government office, 1 Health centers, 1 Clinic, 8 km cobbled road 19km Soil made road, 6 km semi pucca road, 8 Cyclone shelter and 55</p>			
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<p>Culverts in Baufal Upazila, May be destroyed fully or partially.</p>			
<p>People of the Patuakhali are classified by 4 categories in profession. 24234 people are living by fishing, 97108 are farmer, 101144 are small traders and businessmen and 57114 are day labour based on agriculture sector.</p> <p>Cyclone: Number of 202529 fishermen out of 242345 is usually affected by the cyclone. The scenario of other sectors is same such as 76933 farmers out of 97108, 81371 small businessmen out of 101144 and 32278 agriculture labour out of 57114 affected by directly and indirectly with the same disaster each year.</p> <p>Tidal surge: The disaster affects 179675 fishermen out of 242345, 69526 farmers out of 97108 and 56985 small and medium businessmen are affected by the tidal surge in this district.</p> <p>Salinity: 34398 farmers out of 97108 are affected by the salinity. During the March-April 143756 farmers out of 242345 are severely affected by the disaster.</p>			

River erosion: 3% agriculture lands are wearing away in this district and as a result 2996 farmers are affected direct and indirectly.			
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3.2 Identification of means for risk reduction

Means of risk reduction are as follows:

Description of risk	Probable method of risk reduction		
	Short term	Midterm	Long term
<p>About 8425 acre Amon cultivable land and about 9460 families of Kolapara upazila will be affected directly or indirectly if such cyclone hits like Sider in the year 2007 over the district. Cyclone can destroy about 3037 acre of Amon, 778 acre of seasonal crops, 720 of Kharip crops where dependent families are near about 2875 in Golachipa upazila.</p> <p>In Mirzaganj upazila 3855 acre of Amon field, 120 acre of seasonal crops and 40 acre of Kharip crops will be damaged where number of dependent families are 3055 also be affected directly or</p>	<ul style="list-style-type: none"> • Taking a vast preparation by using personal and local asset properly. • Homes and infrastructural development • Increasing awareness. • Raising homestead ground. • Sluice gate should be set in motion. • Cultivating drought 	<ul style="list-style-type: none"> • Repairing and reconstructing local roads and embankment. • Increase livelihood • Taking place in Cyclone shelter in time. • Increase number of sluice gate beside the embankments and repair those. • Cultivating saline 	<ul style="list-style-type: none"> • Constructing sufficient cyclone shelter and ensuring proper management. • Form disaster workplace fund and implement it. • Increase awareness and

<p>indirectly.</p> <p>Rangabali upazila is vulnerable to 1792-acre land for Amon paddy, 189 acre for seasonal crops and 120 acre for Kharip crops out of total land 4154 acre where dependent families are 1852 who possibly be affected by the cyclone directly or indirectly.</p> <p>Dashomina upazila is vulnerable 3600-acre land for Amon paddy, 149 acre for seasonal crops and 55 acre for Kharip crops and total dependent families are 2832 who would be affected directly or indirectly.</p> <p>Bawfal upazila is vulnerable 2194-acre land for Amon paddy, 650 acre for Boro crops and 25 acre for seasonal crops and total dependent families are 1777 who would be affected directly or indirectly.</p> <p>Patuakhali Sadar upazila is vulnerable 2342-acre land for Amon paddy, 50 acre for Boro crops, 25 acre for seasonal</p>	<p>tolerance crops.</p> <ul style="list-style-type: none"> • Constructing high embankments outside the croplands standing beside the river. • Create temporary block with sand bags. 	<p>tolerance crops.</p> <ul style="list-style-type: none"> • Cultivating short durational crops. • Repair and reconstruction of embankments. • Taking steps for river excavation. 	<p>efficiency of the community through proper training.</p> <ul style="list-style-type: none"> • Ensure sufficient irrigation in the dry season. • Preserving food. • Tree plantation in both side of the river. • Arrange permanent block in both side of the river.
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<p>crops and 10 acres for Kharip crops can be affected where dependent families are 9224 entire the upazila.</p> <p>Dumki upazila is vulnerable 3145-acre land for Amon paddy, 153 acre for seasonal crops and 51 acre for Kharip crops can be affected where dependent families are 3032 who also can be affected direct or indirectly in this upazila.</p>			
<p>By the tidal water surge, 2048 acre for Amon land and 138 acre cultivable land can completely be damaged in the Kolapara upazila of this district where dependent families are 1500 who possibly affected direct or indirectly.</p> <p>About 1450 acre of Amon land could be affected by the tidal surge in Golachipa upazila where dependent families are 1400 who also living vulnerable condition.</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>About 2387 acre Amon land, 27 acre for seasonal crops and 29 acres of cultivable land could be affected by the surge where 2015 families will be sufferer directly or indirectly in the Mirzaganj upazila.</p> <p>In Rangabali upazila about 700 acre Amon land can be damage seriously where 1000 families are dependent on the land.</p> <p>In the Dashomina upazila about 1500 acre Amon land where depending families are 800 possibly be affected directly or indirectly by the tidal surges.</p> <p>Bawfal upazila has 1444 acre land for Amon crops, 400 acres for Boro crops and 166 acre for seasonal crops will be affected by the surges where dependent families are 1231 will also be affected directly or indirectly.</p> <p>In Patuakhali Sadar upazila</p>			
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<p>about 1864 acre for Amon crops, 400 for Boro crops, 135 for seasonal crops and 80 acre for Kharip crops can be affected by the water surges where 5245 families are dependent in vulnerable situation.</p> <p>In Dumki upazila has 1534 acre for Amon crops will be affected if water surge attack and 869 families will be also affected directly or indirectly.</p>			
<p>Salinity can damage about 3863 acre land for Amon crops and 240 acre for seasonal crops in Kolapar upazila where 2300 families depends can also be affected directly or indirectly.</p> <p>Golachipa upazila has 3072 acre of Amon land, 258 acre for seasonal crops and 300 acres for Kharip crops could be damage by the salinity in this upazila where dependent families are 5218 also possibly affect directly or indirectly.</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>Mirzaganj upazila about 3832 acre for Amon crops, 320 acre for seasonal crops and 180 for Kharip crops can be affected by the salinity and 3625 families also be affected directly or indirectly in the upazila.</p> <p>Rangabali upazila has 6548 acre for Boro, 976 acre for seasonal crops and 600 acres for Kharip crops can be damaged by the salinity where 7502 depending families also be suffered directly or indirectly</p> <p>Dashomina upazila about 7268 acre for Amon, 572 acre for seasonal crops, 410 acres for Kharip crops possibly damage by the salinity problem and about 4148 families also be suffered by directly or indirectly.</p> <p>In Bawfal upazila about 6925 acres for Amon crops, 525 acres for Boro can damage where depending families are 9381 who livings in vulnerable situation.</p> <p>Patuakhali Sadar upazila has</p>			
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<p>4150 acres for Amon land, 787 acres for Boro, 435 acres for seasonal crops and 300 acres for Kharip crops could be damaged by the salinity where 6875 families can also be affected directly or indirectly.</p> <p>In Dumki upazila also situated in extreme vulnerable condition including 4189 acres land for Amon, 863 acres for Boro, 678 acres for seasonal crops and 256 acres land for Kharip crops can be affected by the salinity. Total 5895 depending families also are affected by the salinity directly or indirectly.</p>			
<p>Kolapara upazila has 326 acres land for Amon and 20 acres for seasonal crops maybe damaged by the drought where 1003 families affected direct or indirectly.</p> <p>In Golachipa upazila about 668 acres Amon land, 146 acres of seasonal crops and 60 acres for Kharip crops can be damaged by the droughts where directly or indirectly</p>	•	•	•

<p>988 families will be affected in this upazila.</p> <p>Mirzaganj upazila has 2159 acres of Amon land, 200 acres for Boro crops and 50 acres for seasonal crops can be affected by the disaster where 960 families will be suffered directly or indirectly.</p> <p>In Dumki upazila about 500 acres for Amon land can be damaged by such calamity where 900 families are depends directly or indirectly</p> <p>In Dashomina upazila has 400 acres for Amon land can be affected where 800 families are depends on and possibly to affect directly or indirectly.</p>			
<p>In Kolapara upazila about 796 acres for Amon land, 260 acres for seasonal crops may damage by the river erosion where 1040 families completely depend on it.</p> <p>In Golachipa upazila about 986 acres for Amon land, 325 acres for seasonal crops could be affected by the erosions where 1213 families also be</p>	•	•	•

<p>affected directly or indirectly.</p> <p>Rangabali upazila has 1037 acres for Amon crops, 200 acres for seasonal crops and 225 acres for Kharip crops possibly damage by the erosion. Total 1056 families also living in vulnerable situation and can be affected directly or indirectly in this upazila.</p> <p>In Bawfal upazila about 400 acres for Amon crops are in vulnerable condition with the river erosion and near about 600 families also can be affected by the disaster directly or indirectly.</p> <p>In Dumki upazila has 839 acres for Amon crops, 280 acres for seasonal crops and 265 acres for Kharip crops may affect by the erosions and 756 families also living vulnerable situations.</p>			
<p>Probably white fish of 175-acre land, Galda fish of 175</p>	<p>•</p>	<p>•</p>	<p>•</p>

<p>and Bagda fish of 100-acre land from 50 Gher of different size will be lost in Kalapara Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably Galda fish of 200 and Bagda fish of 100 acre land from 60 Gher of different size will loss in Galachipa Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 2900 families of this Upazila will suffer directly or indirectly</p> <p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Dasmina Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p>			
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<p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Mirzaganj Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at rangabaliUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at</p>			
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<p>BaufhalUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost in patuakhali sader Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p> <p>Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at Dhumki Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p>			
<p>Cyclone: Such disaster may be occur a lot of tree loss all over the district and possible damage statistis are as:</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>In Kolapar upazila about 7663 fruits tree, 5050 Bonoj and 3750 are medicinal herbal trees can destroy</p> <p>Golachipa upazila will face tree damage as 18250 fruits, 2350 bonoj and 6087 medicinal herbal feline trees during the disaster.</p> <p>In Mirzaganj upazila 10250 fruits, 14775 bonoj and 2375 medicinal herbal feline trees can damage by the disaster</p> <p>Rangabali upazila 16500 fruits, 23600 bonoj and 2462 medicinal herbal feline trees can possibly damage by the disaster</p> <p>In Bawfal upazila 16250 fruits, 13950 bonoj and 3587 medicinal herbal feline trees can possibly damage by the disaster</p> <p>In Dumki upazila 3875 fruits, 5131 bonoj and 475 medicinal herbal feline can possibly damage by the disaster</p> <p>Patuakhali Sadar upazila 26500 fruits, 90500 bonoj and 3000 medicinal herbal feline can possibly damage by the</p>			
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<p>disaster</p> <p>In Dashomina upazila 3675 fruits, 4131 bonoj and 375 medicinal herbal feline can possibly damage by the disaster as well as families of this upazila also affected directly or indirectly.</p> <p>Salinity: Kolapara upazila of Patuakhali district 1330 fruits tree, 2475 bonoj and 2150 medicinal herbal trees may affect by high magnitude of salinity.</p> <p>In Golachipa upazila 16012 fruits tree, 4225 bonoj and 4500 medicinal herbal trees may affect by high magnitude of salinity.</p> <p>In Dashomina upazila 4325 fruits tree, 5150 bonoj and 1487 medicinal herbal trees can be affected by high magnitude of salinity.</p> <p>In Mirzaganj upazila trees are comparatively high in risk as 17875 fruits tree, 18533 bonoj and 2015 medicinal herbal by high enormity of saline problem.</p> <p>In Rangabali upazila 8565</p>			
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<p>fruits tree, 4233 bonoj and 700 medicinal herbal trees can be affected by the salinity.</p> <p>In Bawfal upazila 18100 fruits tree, 1666 bonoj and 250 medicinal herbal trees may affect by high scale of salinity.</p> <p>In Dumki upazila 17846 fruits tree, 15533 bonoj and 13157 medicinal herbal trees can be affected by high magnitude of salinity.</p> <p>In Patuakhali Sadar upazila 84250 fruits tree, 17000 bonoj and 2016 medicinal herbal trees can be affected by high magnitude of salinity which will make ultimate adverse impact to the inhabitant of these upazila direct or indirectly.</p> <p>Tidal surges: Kolapara upazila has total 2012 fruits tree, 1783 bonoj and in Golachipa upazila has 1200 fruits and 2100 medicinal herbal trees which are vulnerable by the tidal surges.</p>			
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<p>In Dashomina upazila has total 4050 fruits tree, 3600 bonoj and 2700 medicinal herbal trees also in vulnerable situation with the regular tidal surge from the sea.</p> <p>In Mirzaganj upazila has total 2000 fruits tree and 500 medicinal herbal trees are in highly risk in condition by the tidal surge.</p> <p>In Rangabali upazila has total 2050 fruits tree and 10250 bonoj, in Bawfal upazila has 1200 fruits and 10250 bonoj trees are also highly vulnerable condition by the tidal surge.</p> <p>In Dumki upazila has total 2000 fruits tree and 500 medicinal herbal trees and in Patuakhali Sadar upazila 76250 fruits, 40333 bonoj and 2333 medicinal herbal trees are in highly risk situation by the tidal surges.</p> <p>River bank erosion: Kolapara upazila has total 2488 fruits tree, 2750 bonoj and 1125 medicinal herbal</p>			
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<p>and in Golachipa upazila has 11666 fruits, 5000 bonoj and 1250 medicinal herbal trees are vulnerable situation by river erosions.</p> <p>Rangabali upazila has total 1000 fruits tree, 1200 bonoj and in Dumki upazila has 3562 fruits, 6000 bonoj and 540 medicinal herbal trees are in extreme vulnerable and would be damaged by the river erosions.</p> <p>In Bawfal upazila has 3488 fruits, 3750 bonoj and 2125 medicinal herbal trees wearing away by attrite as well as people also will be affected direct and indirectly.</p> <p>Drought: In Kolapara upazila has 2000 fruits tree, 4010 bonoj and 550 of herbal trees which will be affected by the seasonal drought.</p> <p>In Golachipa upazila also affect with drought and still vulnerable of 1450 fruits tree, 566 bonoj and 263 medicinal herbal trees in this upazila.</p> <p>In Mirzaganj upazila has 4500</p>			
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<p>fruits, 1700 bonoj and 225 herbal trees which can be destroyed by the seasonal droughts and the scenario of Dashomina upazila where has 1250 fruits, 510 bonoj and 163 are medicinal trees also are also vulnerable for the same disaster.</p> <p>In Dumki upazila has 2000 fruits tree, 1500 bonoj tree will be affected by the drought and people of this Upazila will also be affected by the same calamity.</p>			
<p>Cyclone: If any devastating coastal cyclone hits in future as like Sider 2007 Kolapara upazila under Patuakhali district will face massive destruction of cattle, livestock and poultry resources. Kolapara has 20240 cows, 10300 goats, 335 sheep, 300 bully cow, 11733 duck, 12383 hens and 1000 other animals which are still in vulnerable situation by the cyclone.</p> <p>Cyclone will fatally damage</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>11020 cow, 7870 goats, 338 sheep, 235 bully cow, 200 pigs, 6600 duck, 8000 hens and 600 other animals in Golachipa upazila, 8364 cow, 2963 goats, 115 sheep, 155 bully cow, 5676 duck, 8231 hens and 100 other animals in Mirzaganj upazila, 7391 cow, 6911 goats, 156 sheep, 196 bully cow, 275 pigs, 7630 duck, 8712 hens and 600 other animals in Rangabali upazila, 8680 cow, 5425 goats, 390 sheep, 167 bully cow, 183 pigs, 4512 duck, 14200 hens and 450 other animals in Dumki upazila, 1225 cow, 2375 goats, 216 sheep, 358 bully cow, 150 pigs, 9655 duck, 7250 hens and 480 other animals in Bawfal upazila, 6537 cow, 7675 goats, 483 sheep, 200 bully cow, 125 pigs, 9387 duck, 16600 hens and 987 other animals in Dashomina upazila, 4537 cow, 5675 goats, 289 sheep, 100 bully cow, 100 pigs, 7387 duck, 10634 hens and 1000 other animals in Patuakhali</p>			
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<p>Sadar upazila in this district. Even every family and natural bio-diversity of those upazila will also be affected by the cyclone directly and indirectly.</p> <p>Salinity: Affect by high scale salinity in the Kolapara upazila of Patuakhali district will face huge cattle and domestic animals loss which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully</p>			
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<p>cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.</p> <p>Ttidal surge: Patuakhali district will face huge cattle and domestic animals loss in case opf tidal surge hit which statistis given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully</p>			
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<p>cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.</p>			
<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there 45% people will affect in Diarrhea, 12% will suffer in Mucus diarrhea, 30% in Typhoid, 22% will suffer in Jaundice, 22% viral diseases and 5% scène disease in Kalapara Upazila.</p> <p>25% people will affect in Diarrhea, 10% will suffer in Mucus diarrhea and 14% in Typhoid, 16% will suffer in Jaundice, 20% viral diseases and 7% scène disease in Baufal Upazila.</p> <p>34% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 17% will suffer in Jaundice, 21% viral diseases</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>and 13% scène disease in Golachipa Upazila.</p> <p>36% people will affect in Diarrhea, 5% will suffer in Mucus diarrhea and 23% in Typhoid, 25% will suffer in Jaundice and 5% scène disease in Dasmina Upazila.</p> <p>28% people will affect in Diarrhea, 4% will suffer in Mucus diarrhea and 20% in Typhoid, 16% will suffer in Jaundice, 17% viral diseases and 12% scène disease in Mirzaganj Upazila.</p> <p>40% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 24% in Typhoid, 26% will suffer in Jaundice, 23% viral diseases and 5% scène disease in Rangabali Upazila.</p> <p>26% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 18% in Typhoid, 14% will suffer in Jaundice, 11% viral diseases and 6% scène disease in Patuakhali sader Upazila.</p> <p>26% people will affect in Diarrhea, 2% will suffer in</p>			
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<p>Mucus diarrhea and 19% in Typhoid, 22% will suffer in Jaundice, 28% viral diseases and 12% may suffer by scène disease in Dumki Upazila. The might die as a result every family of these Upazila will suffer in cluding financial problem.</p>			
<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there</p> <p>Total 725 immature latrines, 1448 semi pucca latrines, 50 durable latrines and 1000 pond in Kalapara Upazila will damage.</p> <p>Total 760 immature latrines, 1225 semi pucca latrines, 40 durable latrines and 987 ponds in Baufal Upazila, total 618 immature latrines, 1123 semi pucca latrines, 34 durable latrines and 890 ponds in Galachipa Upazila, total 666 immature latrines, and 567 ponds in Dashmina Upazila,</p>	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> •

<p>total 500 immature latrines, 25 durable latrines and 800 ponds in Mirzaganj Upazila, total 600 immature latrines, 1000 semi pucca latrines, 29 durable latrines and 962 pond in Rangabali Upazila, Total 618 immature latrines, 1125 semi pucca latrines, 35 durable latrines and 568 pond in Dunkiu Upazila, total 342 immature latrines, 200 semi pucca latrines, 23 durable latrines and 725 ponds in Patuakhaliu sader Upazila might be destroyed fully or partially, as a result almost every people of those upazila will suffer in various diseases.</p>			
<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there total 76 Primary schools, 2 High schools, 15 Madras, 35 Mosques, 14 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Kalapara Upazila,</p>	<p>•</p>	<p>•</p>	<p>•</p>

<p>total 68 Primary schools, 3 High schools, 13 Madras, 31 Mosques, 17 Temple, 1 Girzas 5 Health centers, 23 Soil made road, 10 km semi pucca road, 6 Cyclone shelter and 15 Culverts, 2 bridges and 3 pools in Galachipa Upazila,</p> <p>total 26 Primary schools, 3 High schools, 22 Madras, 29 Mosques, 5 Temple, 1 Girzas, 1Clinic, 5 Health centers, 13 Soil made road, 5 km semi pucca road, 6 Cyclone shelter and 15 Culverts, and 4 pools in Dasmina Upazila,</p> <p>total 45 Primary schools, 2 High schools, 5 Madras, 23 Mosques, 7 Temple, and 8 pools in Mirzaganj Upazila,</p> <p>total 12 Primary schools, 1 High schools, 11 Madras, 14 Mosques, 4 Temple, 2 Girza, 2 Government and nongovernment office,1 Health centers, 14 Soil made road, 2 km cobbled road, 4 Cyclone shelter in Rangabali Upazila,</p> <p>total 36 Primary schools, 3 High schools, 15 Madras, 23</p>			
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<p>Mosques, 3 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Dumki Upazila total 16 Primary schools, 2 High schools, 18 Madras, 38 Mosques, 2 Temple, 1 Girza, 2 Government office, 1 Health centers, 1 Clinic, 8 km cobbled road 19km Soil made road, 6 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Baufal Upazila,May be destroyed fully or partially.</p>			
<p>People of the Patuakhali are classified by 4 categories in profession. 24234 people are living by fishing, 97108 are farmer, 101144 are small traders and businessmen and 57114 are day labour based on agriculture sector.</p> <p>Cyclone: Number of 202529 fishermen out of 242345 is usually affected by the cyclone. The scenario of other</p>	<p>•</p>	<p>•</p>	<p>•</p>

<p>sectors is same such as 76933 farmers out of 97108, 81371 small businessmen out of 101144 and 32278 agriculture labour out of 57114 affected by directly and indirectly with the same disaster each year.</p> <p>Tidal surge: The disaster affects 179675 fishermen out of 242345, 69526 farmers out of 97108 and 56985 small and medium businessmen are affected by the tidal surge in this district.</p> <p>Salinity: 34398 farmers out of 97108 are affected by the salinity. During the March-April 143756 farmers out of 242345 are severely affected by the disaster.</p> <p>River erosion: 3% agriculture lands are wearing away in this district and as a result 2996 farmers are affected direct and indirectly.</p>			
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3.3 Development plane of the NGO's

Development plane of the NGO's are as follows:

Sl. No	NGOs	Activities	Beneficiaries coverage	Project duration
1	Muslim Aid	<ul style="list-style-type: none"> ✓ School base SMC meeting ✓ Awareness meeting and training with school students ✓ Training on DRR ✓ Awareness on disaster and adaptation ✓ Ward disaster management committee ✓ Meeting with UDMC & UzDMC ✓ Simulation drill on disaster preparedness ✓ Day celebration ✓ Enhance school base facilities ✓ Develop district and upzila level disaster management plan ✓ IGA (Income generating activity) ✓ Cash for work and cash for training 	33576	April 2013 to January 2016
2	Avash	<ul style="list-style-type: none"> ✓ Disaster awareness meeting 	490	April

		<ul style="list-style-type: none"> ✓ Climate change awareness ✓ Farmer awareness ✓ Emergency relief in disaster ✓ Day celebration ✓ Emergency relief to cyclone Mohasen victims ✓ House, sanitary latrine reconstruction ✓ Assist to aquaculture & fish farming ✓ Seed distribution ✓ Deep tube-well renovation 		2010 to December 2015
3	FH	<ul style="list-style-type: none"> ✓ Disaster training ✓ Mass awareness on disaster ✓ Rehabilitation 	350	January 2008 to January 2020
4	Friendship	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ CCP meeting ✓ Awareness program with secondary school level students 	37500	June 2013 to May 2014
5	Web Foundation	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster ✓ House reconstruction 	1598	June 2010 to June 2016
6	JJS	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster ✓ House reconstruction ✓ Assist to fishermen 	3200	October 2013 to March 2014
7	World	<ul style="list-style-type: none"> ✓ Training on disaster 	18777	July 2013

	Concern	<ul style="list-style-type: none"> ✓ Mass awareness on disaster ✓ House reconstruction 		to December 2016
8	Polli Gono Unnayan Kendra (PGUK)	<ul style="list-style-type: none"> ✓ Training on disaster ✓ Mass awareness on disaster 	1890	April 2007 to January 2020
9	Speed Truest	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Court yard session ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Mock drill on disaster preparedness ✓ Day celebration 	37555	May 2011 to March 2015
10	CODEC	<ul style="list-style-type: none"> ✓ Disaster training ✓ Mass awareness on disaster ✓ Awareness related drama ✓ Listing and identification of fishermen 	3235	November 2013 to April 2014
11	Karitash	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Court yard session ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Mock drill on disaster 	3800	May 2011 to March 2015

		<ul style="list-style-type: none"> preparedness ✓ Day celebration 		
12	BRAC	<ul style="list-style-type: none"> ✓ Awareness on disaster ✓ Mock drill on disaster preparedness ✓ Sanitation 	40000	April 2010 to August 2016
13	Islamic Relief (IR)	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Court yard session ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Construction cyclone center ✓ Mock drill on disaster preparedness ✓ Day celebration 	38000	April 2010 to August 2016
14	Save the Children	<ul style="list-style-type: none"> ✓ Village disaster management committee ✓ Court yard session ✓ UP & DMC training ✓ Road and infrastructure reconstruction ✓ Construction cyclone center ✓ Mock drill on disaster preparedness ✓ Day celebration 	40000	April 2011 to April 2016

(Source: From Working NGOs, Patuakhali Area)

3.4 Disaster management work plane

3.4.1 Disaster preparedness work plane.

Si no	Activity	Target	Probable Budget	Place of implementation	Targeted date	Who will do what				Co-ordination with development plane
						District administration %	Community %	Upazila %	NGO %	
1	Outreach early warning	In 8 Upazilas	Every year 1lak taka and 50 metric ton	In all Upazilas	According to the direction and signal	20	-	70	10	Yeas
2	Arrange meeting according to the signal (from Si No-4)	Need basis	rice are allocated, which is used as per need. Depending on the	In all Upazilas	According to the direction and signal	20	-	80	-	Yeas
3	Prepare cyclone	Need basis	losses, DMD and	In all Upazilas	According to the	10	-	90	-	Yeas

	shelter		ministry allocate more.		direction and depending on the situation						
4	Prepare dry food And pure drinking water	Need basis			In all Upazilas	Depending on the situation	10	-	70	20	Yeas
5	Form medical team	Need basis			In all Upazilas	Depending on the situation	20	-	70	10	Yeas
6	Transport	Need basis			In all Upazilas	Depending on the situation	10	10	80	-	Yeas

(Source: DRRO Office, Patuakhali)

3.4.2 Work plane during disaster.

Si no	Activity	Target	Probable Budget	Place of implementation	Targeted date	Who will do what	Co-ordination with development plane
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						District administrati on %	Commu nity %	Upazila %	NG O %	
1	March them to Cyclone shelter	Need basis	Every year 1lak taka and 50 metric ton	In affected areas	Depending on the situation	10	10	80	-	Yeas
2	Reservin g dry food And pure drinking water	Need basis	rice are allocated, which is used as per need. Depending	In affected areas	Depending on the situation	10	-	90	-	Yeas
3	Treatmen t	Need basis	on the losses, DMD and	In affected areas	Depending on the situation	10	10	60	20	Yeas
4	Rescue	Need basis	ministry allocate more.	In affected areas	Depending on the situation	10	10	60	20	Yeas
5	Medical treatment	Need basis		In affected areas	Depending on the situation	10	10	60	20	Yeas

(Source: DRRO Office, Patuakhali)

3.4.3 Work plane after disaster.

Si no	Activity	Target	Probable Budget	Place of implementation	Targeted date	Who will do what				Co-ordination with development plane
						District administration %	Community %	Upazila %	NGO %	
1	Emergency rescue	Depending on the situation	Every year 1lak taka and 50 metric ton rice are allocated,	In affected areas	Depending on the situation	10	10	60	20	Yeas
2	Survey	Need basis	which is used as per	In affected areas	Depending on the situation	10	-	90	-	Yeas
3	Relief	Based on damage	need. Depending on the	In affected areas	Depending on the situation	20	10	60	10	Yeas
4	Rehabilitation	Based on	losses, DMD and	In affected areas	Depending on the	30	-	50	20	Yeas

		damage	ministry allocate more.		situation					
5	Medical treatment	Based on damage		In affected areas	Depending on the situation	10	10	60	20	Yeas

(Source: DRRO Office, Patuakhali)

3.4.4 Regular time/ Work plane on the time of disaster preparedness

<i>Si no</i>	<i>Activity</i>	<i>Target</i>	<i>Probable Budget</i>	<i>Place of implementati on</i>	<i>Targete d date</i>	<i>Who will do what</i>				<i>Co-ordination with development plane</i>
						<i>District administratio n %</i>	<i>Communi ty %</i>	<i>Upazila %</i>	<i>NGO %</i>	
<i>1</i>	<i>Meeting</i>	<i>6 times</i>			<i>Regularl y with 2 months interval</i>	<i>100</i>	<i>-</i>	<i>-</i>	<i>-</i>	<i>Yeas</i>
<i>2</i>	<i>Cyclone center repairing</i>		<i>Allocation obtain according</i>	<i>In affected areas</i>	<i>From</i>	<i>30</i>	<i>-</i>	<i>50</i>	<i>20</i>	<i>Yeas</i>

	<i>and reconstruction</i>	<i>Need</i>	<i>to the needs</i>		<i>December to February</i>					
3	<i>Repairing sluice gate and reconstruction of embankments.</i>	<i>basis</i>			<i>30</i>	<i>-</i>	<i>70</i>	<i>-</i>	<i>Yeas</i>	
4	<i>Repair old culvert and bridges and construct new.</i>				<i>30</i>	<i>-</i>	<i>70</i>	<i>-</i>	<i>Yeas</i>	

(Source: DRRO Office, Patuakhali)

Chapter- 4 (Emergency response)

4.1 Emergency Operation Center (EOC):

Emergency operation center (EOC) always remains active and coordinate during the emergency time and remain open for 24 hours. EOC collects data and necessary information examines and acts upon resources management at its end. EOC has one operation room, one control and one communication room with equipments. Station, responsible person and their contact number given below:

Sl. No.	Name	Designation	Station name	Mobile phone
1	Mr. Nur Alam	Upazila Nirbahi Officer, Patuakhali Sadar upazila	Patuakhali Sadar	01718681845
2	Mr. Md. Jahangir Hossain	Upazila Nirbahi Officer, Kolapara upazila	Kolapara	01712533153
3	Mr. ABM Sadikur Rahman	Upazila Nirbahi Officer, Bawfal upazila	Bawfal	01712125771
4	Mr. Azharul Islam	Upazila Nirbahi Officer, Dashomina upazila	Dashomina	01718262156
5	Mr. Sabbir Ahmed	Upazila Nirbahi Officer, Dumki upazila	Dumki	01913043666
6	Mr. Abu Sayed Mollah	Upazila Nirbahi Officer, Mirzaganj upazila	Mirzaganj	01773333257
7	Mr. Md. Jaynul Abedin	Upazila Nirbahi Officer, Rangabali upazila	Rangabali	01777744277
8	Mr. Md. Mahabub Alam	Upazila Nirbahi Officer, Golachipa upazila	Golachipa	01712786830

(Source:DRRO Office, Patuakhali)

4.1.1 Emergency Control Room (ECR) operation:

ECR should always communicate with divisional office.

- The control room is supposed to generate right away on the district office premises during the disaster hits where duties should be ensured with 3 to 8 volunteers and polices members rotationally
- Responsible person of the district would take overall responsibility of the ECR and total 3 voluntary groups will be formulated by 3 person each who will escorts the ECR for 24 hours by rotationally
- ECR should always communicate with divisional office
- Control room register will be maintained in the ECR where information about responsible persons would mention accordingly. Receive and dispatch news will be written down in the registers.
- District map should hang up on the wall demarking upazila, union, roads, river and channels, embankments and above all include the map. Places/area of the district damaged by disaster will also be marked in this map specifically.
- Ensure necessary stocks as emergency toolkits like radio, hezak light, charge light, number of 5 big size torchlight, gumboot, lifejacket, battery, raincoat etc in the ERC.

4.2 Contingency plan:

Contingency plan for Patuakhali district has developed which is as follows:

Si N o.	Task	Coverage	When	Who will do	Who will cooperate	How_to do	Communication
1.	Prepared the Volunteers ready	4100 nos. (DRRO Office, Patuakhali	On , before and after disaster	By team leaders of every Union of relevant Upazila	Community people	By team leaders of every Union of relevant Upazila	Responsible person of the UzDMC.

2.	Early Warning announcement	Whole upazila and district.	Before disaster	Volunteer team	Local community	By using flag, hand mike, radio and announcement mike	Responsible person from DDMC
3.	Ready Boat, Car and Van	Depending on the need and number of the vulnerable people	On, Before and after disaster	Volunteer team and community.	community	Cyclone shelter and medical treatment.	Responsible person from DDMC
4.	Rescue	Depending on the affected people	After disaster	Volunteer team and community.	Local people and administration .	By using required instrument and technique.	Responsible person from DDMC and UzDMC
5	First Aid	Depending on the affected people	After disaster	Volunteer team, community, nurse and doctors.	Union and Upazila .	Medical support and interment arrangement.	Responsible person from DDMC and UzDMC
6	Collecting and equipped dry food and medicine.	Depending on the affected and vulnerable people	Before disaster	Volunteer team, union, upazila, klinik and hospital and community.		Collecting and distributing dry food and medicine.	Responsible person from DDMC and UzDMC
7	Treatment for cattle	Depending on the affected and vulnerable number of cattle.	Before and after disaster	Community people.	Volunteer team, union, upazila, klinik and hospital and community.	Identifying diseases and providing treatment.	Responsible person from DDMC and UzDMC

8	Maintenance of Cyclone/ Temporary shelter.	322 nos. (Source: DRRO Office, Patuakhali)	On, before and after disaster	Cyclone shelter management comity and local community.	Union and Upazila.	Cleanliness, repair and regular observation.	Responsible person from DDMC and UzDMC
9	Relief work	Depending on the affected and vulnerable	After disaster	Union and Upazila and NGO	Volunteer team and community	By discipline and proper distribution.	Responsible person from DDMC and UzDMC
10		In inaccessible Unions	General time	CPP and NGO	Union, Upazila, NGO and community people.	Through required equipments and participation.	Responsible person from DDMC and UzDMC
11	Operating emergency control room	8	During disaster	DRRO, UNO, responsible person of the control room.,	DRRO, UNO, CPP and weather office.	Through direction and management	Responsible person from DDMC and UzDMC

(Source:DRRO, Patuakhali)

Direction of contingency plan:

4.2.1 Prepare volunteers:

- Form a volunteers group lead by elected union members
- Disseminate warning message to the villages by the volunteers
- Arrange training on warning message, rescue, evacuation, cyclone center management, duties and responsibility issues for the volunteers

4.2.2 Publish warning message:

- UP members will take responsibility personally to disseminate warning message every houses in their respective wards
- Ensure miking for every hour when the signal number 5 will broadcasts in the radio and television. Miking and belling of school, madrasha will be started instantly when radio and television channels cast danger signal.

4.2.3 Evacuation management process:

- Respective UP members and volunteers will take initiatives to evacuate and remove peoples who lives in more vulnerable area by getting the announcement from radio and television
- Miking and initiates strong attempt to move peoples to the cyclone center as emergency basis during the announcing of signal no. 8 from radio and television

4.2.4 Rescue and first aid service:

- Duty and responsibility should devolve to the respective UDMC (Upazila Disaster Management Committee) in the extreme vulnerable upazila/area
- Create a fund and subsidizing sources leaded by UDMC to manage rescue operation in the disaster
- Direction and operate temporary health camp
- Refer to hospital to the ailing people, ages, children and pregnant women for batter treatment
- Respective UP members and volunteers will take steps to buries people dead body as well as dead animals

4.2.5 Cyclone center maintenance:

- Ensure full functional and necessary repairing works would contend for the cyclone center before yearly disaster seasons
- Emergency shelter plan and measures of effective protection would be taken earlier
- Special care and safety measures should be taken for women, children and person with disability who takes shelter in the centers
- Ensure safe drinking water and other services in the shelter center
- Helps people to remove and safe sheltering their cattle and livestock in the period

4.2.6 Prepare boat and water transport:

- Upazila Disaster Management Committee (UDMC) will arrange and maintain engine boats and to be prepare for emergency use during the disaster
- Local owners of the boats will assist to the UDMC
- Contact number of boatmen and owners should preserve in the Emergency Control Room (ECO)

4.2.7 Provide damage and demand status:

- SOS form within 24 hours after disaster hit and D form will send to the UP Chairman within 7 days
- UP Chairman will accumulates ward wise report with assistance by UP Secretary and send to the Chairman of Upazila Disaster Management Committee (UDMC) within 12 hours short time

4.2.8 Coordinate relief works:

- UP Chairman will coordinate the groups who works relief & rehabilitation program in the respective unions
- Chairman will also maintain a register book and keep information about relief goods and quantity comes from different outside relief providers
- To ensure the accountability Union Disaster Management Committee (UDMC) will estimate relief goods based on ward wise damage situations and destitutions. Steps should be taken to publish the relief estimation to the people of respective union

4.2.9 Prepare dry food, emergency medicine:

- Collect dry food like chira, muri etc. from local market to distribute in emergency time instantly
- Collect food items such as rice, dal, wiet, edible oil etc. as well as materials for hours and shelter repair like tin, nylon threite, perek from local market
- Prepare medicine list by union level health workers and collect necessary medicine from local market to meet the emergency

4.2.10 Treatment and vaccination for domestic animals:

- Collect necessary medicine for domestic animals from upazila animal resource hospital and preserve in the union parishad bhavan or health center
- Members of UDMC should provide training on basic health treatment for the domestic animal
- Experience person of animal health may include with the animals treatments in the emergency period

4.2.11 Arrange mock drill/simulation dill:

- Mock dill program will arrange with community people on the issue of signal warning/cyclone forecasting, evacuation, rescue, first aid and relief management regularly
- frequent mock dill program should arrange with the people of cyclone and flood prone area
- Assess and measure community level preparation by arranging mock dill in April and September every year
- Mock dill program on sheltering in cyclone center will arrange in the place of vulnerable villages instead UP offices.

4.2.12 Direction on Emergency Control Room (ECR)

- *Emergency control room will be instigated after disaster instantly on the premises of district/upazila or union parishad offices where 3/4 volunteers and villager polices should engage to duty by rotationally*

- UP secretary and other responsible person of the union would take overall responsibility of the ECR and total 3 voluntary groups will be formulated by 3 person each who will escorts the ECR for 24 hours by rotationally

4.2.13 Cyclone center and safe places:

- Cyclone center or shelter should be protected and out of harm's way from flooding, river erosions or any kind of natural disaster
- Local school, college, Govt. institute or infrastructures, high level embankment or road and particular cyclone center can be use as shelter center in the disaster

4.3 Details of district safe secure places:

Details of safe and secure places for the districts is given in the annexure -8

4.4 Formation of cyclone center management committee:

Shelter management is very important issue in overall disaster management activity and absence of proper maintenance certainly the shelter center could be damaged and lost its usability. Consider the circumstances shelter management concept gets to an essential part of activity in the total disaster management. Shelter management is important because of:

- Safe life and assets during the disaster
- Safe cattle, livestock and other domestic animals
- Ensure proper maintenance for shelter center and its use as well

Management committee of shelter center:

- Total member of the shelter center committee are 7 to 9
- The committee will comprise by 7 to 9 members including UP Chairman, members, social elites, social-worker, teacher, NGOs worker, land donor, volunteers
- The committee will perform the responsibility with full consents by local people and community

- Committee will be figured by 50% female members as mandatory among the total
- Committee will fully aware as well as to be clear concept of duty about the shelter management
- The committee will perform overall duties and responsibility to maintain the shelter center by assistance of community people
- Committee will call regular meeting, make regulation properly and distribute the duty and responsibility to the concern person or groups mentioning time and duration of the course of action
- The list/chart of shelter management committee will be included with the central disaster management plan

Which places will be used for shelter center?

- Particular shelter center for the area
- Local school and college
- Govt. institute and infrastructures
- High road and embankment

Important points of the shelter management:

- Ensure tent, polyethylene, ORS, alum/fitkari, essential drugs (paracetamol, flazil etc.), water purification tablet, blicing powder in the shelter center
- Cooking facility should be ensured in the center
- Separate male female toilet facilities must be ensure in the center
- Separate male female bathroom facilities must be ensure in the center
- Keep shelter net and clean and ensure good waste management
- Ensure necessary security
- Ensure sufficient lighting
- Shelter should be healthy environment
- Storage facility of commodity and belongings should available in the shelter center and maintain register accordingly. Ensure accurate returns to the sheltered person when they will back to their own home after the disaster

- Assign person and volunteers will work in the shelter center
- Ensure food and health care for the sheltered person
- Special care should be taken for the pregnant women, children, physically challenge and ages persons

Shelter center use:

- Ensure require maintenance and keep shelter center net and clean
- Steps should be taken by locally to protect door and widows from damage and spoils
- Use open space of shelter center for tree plantation
- Shelter center should be locked when it will not be use
- Shelter center management committee will form as per following the guideline
- List of shelter center management committee would be attached with the disaster management plan

4.5 List of available district resources (which use during the disaster):

Infrastructure/asset	Number	Responsible person	Brief details
Cyclone shelter	322	UNO and PIO of every Upazila	Numbers of cyclone shelter are not sufficient enough for the people of this district which causes suffering to the people.
Godaon/Stock	20	UNO and PIO of every Upazila	Government stokes relief goods in this godaon during disaster.
Boat	242	Solo property (UNO and PIO of every Upazila)	As the major livelihood of the community of this district is fishing, boat is available here.
Clay fort	55	UNO and PIO of	Not sufficient in respect of

		every Upazila	demand.
Car	39,000	UNO and PIO of every Upazila	----
Speed boat	25	UNO and PIO of every Upazila	Though coast guard have the speed boat, no private speed boat in this district
Large megaphone	13	UNO and PIO of every Upazila	Most of the materials including Life jacket, rain coat, gumboot and radio are spoiled in maximum Upazilas.
Small megaphone	64		
Wireless	22		
Life jacket	95		
Gum boot	95		
Siren	9		
Helmet	95		
Cycle	10,000		
Torch light	95		
Apron	79		
Flag stand	9		
Rescue tool box	8		
Wireless set	9		
Stretcher	128		
Mike	112		
Rain coat	88		
Radio	54		
First aid box	67		

4.6 Income source of upazila parishad

Income source of upazila parishad is local village leased market/hat, leased water land (channels), trade license of various trades and business house. Income sources of union parishad have been declined gradually due to change of authority. Government handover 1% land

registration fee as remuneration cost for the secretary and village polices which 100% bear by UP it earlier. Government provides tk.4/5 lac to union parishad to meet its operation coast.

Income source of union parishad:

Reserve fund should be created for the union parishad as like upazila parishad.

a) Own source (UP tax, rate and fees):

- Annual tax on households
- Tax on business farm and professions (trade license)
- Various licenses and permit issues by UP
- From leases: village market/hat, boat/launch terminal, ponds & water land, cattle farms etc.
- Tax from different transport except engine vehicles
- Income from assets
- General fund of UP

b) Funding by govt.

- Development sector: agriculture, health and sanitation, road & feeders construction and repair, house construction & repair, LGSP
- Establishment: honorarium for UP chairman & members, secretary and other staffs salary
- Others: 1% tax on land

c) Sources from local govt.

- Fund from upazila parishad
- Fund from zila parishad

d) Non government organization

- NGOs
- CDMP

Foreign and other donors are usually providing fund to the local government bodies i.e. union and upazila level under their local government strengthening program. Such aid depends on

capacity, transparency and good governance practice of respective union. UP authority will give preference regarding the fund mobilization entire the union to consider their disaster and its magnitudes. Development projects will design by considering the DRR issues in the respective union as priority basis.

4.7 Update and verification of Action Plan:

Create a follow-up committee to develop Action Plan.

Follow-up committee:

1. Committee for plan follow-up
2. Committee for plan implementation & maintenances

Plan follow-up committee:

1. Chairman
2. Secretary
3. NGO representatives
4. Member 2 person (from general committee)

<i>Si No</i>	<i>Name</i>	<i>Position</i>	<i>Mob</i>
1	DC	President	0441-62300
2	DRRO	General Secretary	0441-62394
3	Deputy Director	Member	0441-62443
4	District fisheries officer, Agricultural extension department.	Member	0441-62501
5	Md. Anayeat hossain, CEO, SDA	Member	01712-103394

Source: DRRO, Patuakhali

Function of the committee:

- Review draft action plan and then do for finalization
- Receive assistance from difference resources such as agriculture officer for agriculture, livestock, aquaculture etc.

- Give importance to realistic DRR implementation and financing

Committee for plan implementation & maintenance:

The committee will form by 7 members, which are as:

1. Chairman
2. Secretary
3. Female UP member
4. Govt. representative
5. NGO representative
6. Member 2 person (from general committee)

<i>Si No</i>	<i>Name</i>	<i>Position</i>	<i>Mob</i>
1	DC	President	0441-62300
2	DRRO	General Secretary	0441-62394
3	Deputy Director	Member	0441-62443
4	District fisheries officer, Agricultural extension department.	Member	0441-62501
5	Md. Anayeat hossain, CEO, SDA	Member	01712-103394
6	District Women Affairs Officer	Member	0441-62385
7	Civil serjon, district health department.	Member	0441-62620

Source: DRRO, Patuakhali

Function of the committee:

- Committee will update, review, examine, necessary inclusion and exclusion of the total action plan in the month of April or May every year. Secretary of the committee will takes the initiatives to call the meeting, find out weakness and review the action plan after disaster occurred.

- Arrange mock drill program in every year as per the direction of disaster management bureau in the disaster day celebration
- Disaster management committee will be approved by district disaster management committee
- Take active initiatives to implement action plan and proper monitoring as well as necessary communication to the stakeholders.

Chapter 5: Rescue and Rehabilitation Plan

5.1 Probability of Losses

<i>Sectors</i>	<i>Description</i>
Agriculture	<p style="text-align: center;">1. Cyclone</p> <p>About 8425 acre Amon cultivable land and about 9460 families of Kolapara upazila will be affected directly or indirectly if such cyclone hits like Sider in the year 2007 over the district. Cyclone can destroy about 3037 acre of Amon, 778 acre of seasonal crops, 720 of Kharip crops where dependent families are near about 2875 in Golachipa upazila.</p> <p>In Mirzaganj upazila 3855 acre of Amon field, 120 acre of seasonal crops and 40 acre of Kharip crops will be damaged where number of dependent families are 3055 also be affected directly or indirectly.</p> <p>Rangabali upazila is vulnerable to 1792-acre land for Amon paddy, 189 acre for seasonal crops and 120 acre for Kharip crops out of total land 4154 acre where dependent families are 1852 who possibly be affected by the cyclone directly or indirectly.</p> <p>Dashomina upazila is vulnerable 3600-acre land for Amon paddy, 149 acre for seasonal crops and 55 acre for Kharip crops and total dependent families are 2832 who would be affected directly or indirectly.</p> <p>Bawfal upazila is vulnerable 2194-acre land for Amon paddy, 650 acre for Boro crops and 25 acre for seasonal crops and total dependent families are 1777 who would be affected directly or indirectly.</p> <p>Patuakhali Sadar upazila is vulnerable 2342-acre land for Amon paddy, 50 acre for Boro crops, 25 acre for seasonal crops and 10 acres for Kharip crops can be affected where dependent families are 9224 entire the upazila.</p> <p>Dumki upazila is vulnerable 3145-acre land for Amon paddy, 153 acre for seasonal crops and 51 acre for Kharip crops can be affected where dependent families are 3032 who also can be affected direct or indirectly in this upazila.</p> <p style="text-align: center;">2. Tidal Surge</p> <p>By the tidal water surge, 2048 acre for Amon land and 138 acre cultivable land</p>

can completely be damaged in the Kolapara upazila of this district where dependent families are 1500 who possibly affected direct or indirectly.

About 1450 acre of Amon land could be affected by the tidal surge in Golachipa upazila where dependent families are 1400 who also living vulnerable condition.

About 2387 acre Amon land, 27 acre for seasonal crops and 29 acres of cultivable land could be affected by the surge where 2015 families will be sufferer directly or indirectly in the Mirzaganj upazila.

In Rangabali upazila about 700 acre Amon land can be damage seriously where 1000 families are dependent on the land.

In the Dashomina upazila about 1500 acre Amon land where depending families are 800 possibly be affected directly or indirectly by the tidal surges.

Bawfal upazila has 1444 acre land for Amon crops, 400 acres for Boro crops and 166 acre for seasonal crops will be affected by the surges where dependent families are 1231 will also be affected directly or indirectly.

In Patuakhali Sadar upazila about 1864 acre for Amon crops, 400 for Boro crops, 135 for seasonal crops and 80 acre for Kharip crops can be affected by the water surges where 5245 families are dependent in vulnerable situation.

In Dumki upazila has 1534 acre for Amon crops will be affected if water surge attack and 869 families will be also affected directly or indirectly.

3. Salinity

Salinity can damage about 3863 acre land for Amon crops and 240 acre for seasonal crops in Kolapar upazila where 2300 families depends can also be

affected directly or indirectly.

Golachipa upazila has 3072 acre of Amon land, 258 acre for seasonal crops and 300 acres for Kharip crops could be damage by the salinity in this upazila where dependent families are 5218 also possibly affect directly or indirectly.

Mirzaganj upazila about 3832 acre for Amon crops, 320 acre for seasonal crops and 180 for Kharip crops can be affected by the salinity and 3625 families also be affected directly or indirectly in the upazila.

Rangabali upazila has 6548 acre for Boro, 976 acre for seasonal crops and 600 acres for Kharip crops can be damaged by the salinity where 7502 depending families also be suffered directly or indirectly

Dashomina upazila about 7268 acre for Amon, 572 acre for seasonal crops, 410 acres for Kharip crops possibly damage by the salinity problem and about 4148 families also be suffered by directly or indirectly.

In Bawfal upazila about 6925 acres for Amon crops, 525 acres for Boro can damage where depending families are 9381 who livings in vulnerable situation.

Patuakhali Sadar upazila has 4150 acres for Amon land, 787 acres for Boro, 435 acres for seasonal crops and 300 acres for Kharip crops could be damaged by the salinity where 6875 families can also be affected directly or indirectly.

In Dumki upazila also situated in extreme vulnerable condition including 4189 acres land for Amon, 863 acres for Boro, 678 acres for seasonal crops and 256 acres land for Kharip crops can be affected by the salinity. Total 5895 depending families also are affected by the salinity directly or indirectly.

4. Drought :

Kolapara upazila has 326 acres land for Amon and 20 acres for seasonal crops maybe damaged by the drought where 1003 families affected direct or indirectly.

In Golachipa upazila about 668 acres Amon land, 146 acres of seasonal crops and 60 acres for Kharip crops can be damaged by the droughts where directly or indirectly 988 families will be affected in this upazila.

Mirzaganj upazila has 2159 acres of Amon land, 200 acres for Boro crops and 50 acres for seasonal crops can be affected by the disaster where 960 families

	<p>will be suffered directly or indirectly.</p> <p>In Dumki upazila about 500 acres for Amon land can be damaged by such calamity where 900 families are depends directly or indirectly</p> <p>In Dashomina upazila has 400 acres for Amon land can be affected where 800 families are depends on and possibly to affect directly or indirectly.</p> <p>5. River erosion:</p> <p>In Kolapara upazila about 796 acres for Amon land, 260 acres for seasonal crops may damage by the river erosion where 1040 families completely depend on it.</p> <p>In Golachipa upazila about 986 acres for Amon land, 325 acres for seasonal crops could be affected by the erosions where 1213 families also be affected directly or indirectly.</p> <p>Rangabali upazila has 1037 acres for Amon crops, 200 acres for seasonal crops and 225 acres for Kharip crops possibly damage by the erosion. Total 1056 families also living in vulnerable situation and can be affected directly or indirectly in this upazila.</p> <p>In Bawfal upazila about 400 acres for Amon crops are in vulnerable condition with the river erosion and near about 600 families also can be affected by the disaster directly or indirectly.</p> <p>In Dumki upazila has 839 acres for Amon crops, 280 acres for seasonal crops and 265 acres for Kharip crops may affect by the erosions and 756 families also living vulnerable situations.</p>
Fish	<p>Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost in Kalapara Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.</p>

Probably Galda fish of 200 and Bagda fish of 100 acre land from 60 Gher of different size will loss in Galachipa Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 2900 families of this Upazila will suffer directly or indirectly

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Dasmina Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at Mirzaganj Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175-acre land, Galda fish of 175 and Bagda fish of 100-acre land from 50 Gher of different size will be lost due to the attack of Cyclone or tidal surge at rangabaliUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or tidal surge at BaufhalUpazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost in patuakhali sader Upazila due to the hit of Cyclone or tidal surge in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.

Probably white fish of 175 acre land, Galda fish of 175 and Bagda fish of 100 acre land from 50 Gher of different size will be lost due to the hit of Cyclone or

	tidal surge at Dhumki Upazila in patuakhali district. As a result, 3000 families of this Upazila will suffer directly or indirectly.
Forest and trees	<p>Cyclone: Such disaster may be occur a lot of tree loss all over the district and possible damage statistics are as:</p> <p>In Kolapar upazila about 7663 fruits tree, 5050 Bonoj and 3750 medicinal herbal trees can be destroyed</p> <p>Golachipa upazila will face tree damage as 18250 fruits, 2350 bonoj and 6087 medicinal herbal feline trees during the disaster.</p> <p>In Mirzaganj upazila 10250 fruits, 14775 bonoj and 2375 medicinal herbal feline trees can be damaged by the disaster</p> <p>Rangabali upazila 16500 fruits, 23600 bonoj and 2462 medicinal herbal feline trees can possibly be damaged by the disaster</p> <p>In Bawfal upazila 16250 fruits, 13950 bonoj and 3587 medicinal herbal feline trees can possibly be damaged by the disaster</p> <p>In Dumki upazila 3875 fruits, 5131 bonoj and 475 medicinal herbal feline can possibly be damaged by the disaster</p> <p>Patuakhali Sadar upazila 26500 fruits, 90500 bonoj and 3000 medicinal herbal feline can possibly be damaged by the disaster</p> <p>In Dashomina upazila 3675 fruits, 4131 bonoj and 375 medicinal herbal feline can possibly be damaged by the disaster as well as families of this upazila also affected directly or indirectly.</p> <p>Salinity: Kolapara upazila of Patuakhali district 1330 fruits tree, 2475 bonoj and 2150 medicinal herbal trees may be affected by high magnitude of salinity.</p> <p>In Golachipa upazila 16012 fruits tree, 4225 bonoj and 4500 medicinal herbal trees may be affected by high magnitude of salinity.</p> <p>In Dashomina upazila 4325 fruits tree, 5150 bonoj and 1487 medicinal herbal trees can be affected by high magnitude of salinity.</p> <p>In Mirzaganj upazila trees are comparatively high in risk as 17875 fruits tree, 18533 bonoj and 2015 medicinal herbal by high enormity of saline problem.</p> <p>In Rangabali upazila 8565 fruits tree, 4233 bonoj and 700 medicinal herbal</p>

trees can be affected by the salinity.

In Bawfal upazila 18100 fruits tree, 1666 bonoj and 250 medicinal herbal trees may affect by high scale of salinity.

In Dumki upazila 17846 fruits tree, 15533 bonoj and 13157 medicinal herbal trees can be affected by high magnitude of salinity.

In Patuakhali Sadar upazila 84250 fruits tree, 17000 bonoj and 2016 medicinal herbal trees can be affected by high magnitude of salinity which will make ultimate adverse impact to the inhabitant of these upazila direct or indirectly.

Tidal surges: Kolapara upazila has total 2012 fruits tree, 1783 bonoj and in Golachipa upazila has 1200 fruits and 2100 medicinal herbal trees which are vulnerable by the tidal surges.

In Dashomina upazila has total 4050 fruits tree, 3600 bonoj and 2700 medicinal herbal trees also in vulnerable situation with the regular tidal surge from the sea.

In Mirzaganj upazila has total 2000 fruits tree and 500 medicinal herbal trees are in highly risk in condition by the tidal surge.

In Rangabali upazila has total 2050 fruits tree and 10250 bonoj, in Bawfal upazila has 1200 fruits and 10250 bonoj trees are also highly vulnerable condition by the tidal surge.

In Dumki upazila has total 2000 fruits tree and 500 medicinal herbal trees and in Patuakhali Sadar upazila 76250 fruits, 40333 bonoj and 2333 medicinal herbal trees are in highly risk situation by the tidal surges.

River bank erosion: Kolapara upazila has total 2488 fruits tree, 2750 bonoj and 1125 medicinal herbal and in Golachipa upazila has 11666 fruits, 5000 bonoj and 1250 medicinal herbal trees are vulnerable situation by river erosions.

Rangabali upazila has total 1000 fruits tree, 1200 bonoj and in Dumki upazila has 3562 fruits, 6000 bonoj and 540 medicinal herbal trees are in extreme

	<p>vulnerable and would be damaged by the river erosions.</p> <p>In Bawfal upazila has 3488 fruits, 3750 bonoj and 2125 medicinal herbal trees wearing away by attrite as well as people also will be affected direct and indirectly.</p> <p>Drought: In Kolapara upazila has 2000 fruits tree, 4010 bonoj and 550 of herbal trees which will be affected by the seasonal drought.</p> <p>In Golachipa upazila also affect with drought and still vulnerable of 1450 fruits tree, 566 bonoj and 263 medicinal herbal trees in this upazila.</p> <p>In Mirzaganj upazila has 4500 fruits, 1700 bonoj and 225 herbal trees which can be destroyed by the seasonal droughts and the scenario of Dashomina upazila where has 1250 fruits, 510 bonoj and 163 are medicinal trees also are also vulnerable for the same disaster.</p> <p>In Dumki upazila has 2000 fruits tree, 1500 bonoj tree will be affected by the drought and people of this Upazila will also be affected by the same calamity.</p>
<p>Animal Resources</p>	<p>Cyclone: If any devastating coastal cyclone hits in future as like Sider 2007 Kolapara upazila under Patuakhali district will face massive destruction of cattle, livestock and poultry resources. Kolapara has 20240 cows, 10300 goats, 335 sheep, 300 bully cow, 11733 duck, 12383 hens and 1000 other animals which are still in vulnerable situation by the cyclone.</p> <p>Cyclone will fatally damage 11020 cow, 7870 goats, 338 sheep, 235 bully cow, 200 pigs, 6600 duck, 8000 hens and 600 other animals in Golachipa upazila, 8364 cow, 2963 goats, 115 sheep, 155 bully cow, 5676 duck, 8231 hens and 100 other animals in Mirzaganj upazila, 7391 cow, 6911 goats, 156 sheep, 196 bully cow, 275 pigs, 7630 duck, 8712 hens and 600 other animals in Rangabali upazila, 8680 cow, 5425 goats, 390 sheep, 167 bully cow, 183 pigs, 4512 duck, 14200 hens and 450 other animals in Dumki upazila, 1225 cow, 2375 goats, 216 sheep, 358 bully cow, 150 pigs, 9655 duck, 7250 hens and 480 other animals in Bawfal upazila, 6537 cow, 7675 goats, 483 sheep, 200 bully cow,</p>

	<p>125 pigs, 9387 duck, 16600 hens and 987 other animals in Dashomina upazila, 4537 cow, 5675 goats, 289 sheep, 100 bully cow, 100 pigs, 7387 duck, 10634 hens and 1000 other animals in Patuakhali Sadar upazila in this district. Even every family and natural bio-diversity of those upazila will also be affected by the cyclone directly and indirectly.</p> <p>Salinity: Affect by high scale salinity in the Kolapara upazila of Patuakhali district will face huge cattle and domestic animals loss which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.</p> <p>Tidal surge: Patuakhali district will face huge cattle and domestic animals loss in case of tidal surge hit which statistics given below. In Kolapara 1448 cow, 1068 goats, 150 sheep, 70 bully cow, in Golachipa upazila, 1040 cow, 952 goats, 89 sheep, 136 bully cow, 23 pigs, in Dashomina upazila has 974 cow, 807 goats, 260 sheep, 68 bully cow, in Mirzaganj upazila has 1307 cow, 1176 goats, 126 sheep, 210 bully cow, 52 pigs, in Rangabali upazila 980 cow, 1082 goats, 200 sheep, 20 pigs, In Bawfal upazila 1050 cow, 1000 goats, 150 sheep, 100 bully cow, 50 pigs, in Patuakhali Sadar upazila 1150 cow, 1100 goats, 100 sheep, 100 bully cow, 50 pigs and in Dumki upazila 475 cow, 537 goats, 75 sheep, 92 bully cow, 125 pigs are will be faced food crisis due to the salinity in these upazila. Families of those upazila will also affected by the problem.</p>
Health	If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali

	<p>district there 45% people will affect in Diarrhea, 12% will suffer in Mucus diarrhea, 30% in Typhoid, 22% will suffer in Jaundice, 22% viral diseases and 5% scène disease in Kalapara Upazila.</p> <p>25% people will affect in Diarrhea, 10% will suffer in Mucus diarrhea and 14% in Typhoid, 16% will suffer in Jaundice, 20% viral diseases and 7% scène disease in Baufal Upazila.</p> <p>34% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 17% will suffer in Jaundice, 21% viral diseases and 13% scène disease in Golachipa Upazila.</p> <p>36% people will affect in Diarrhea, 5% will suffer in Mucus diarrhea and 23% in Typhoid, 25% will suffer in Jaundice and 5% scène disease in Dasmina Upazila.</p> <p>28% people will affect in Diarrhea, 4% will suffer in Mucus diarrhea and 20% in Typhoid, 16% will suffer in Jaundice, 17% viral diseases and 12% scène disease in Mirzaganj Upazila.</p> <p>40% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 24% in Typhoid, 26% will suffer in Jaundice, 23% viral diseases and 5% scène disease in Rangabali Upazila.</p> <p>26% people will affect in Diarrhea, 3% will suffer in Mucus diarrhea and 18% in Typhoid, 14% will suffer in Jaundice, 11% viral diseases and 6% scène disease in Patuakhali sader Upazila.</p> <p>26% people will affect in Diarrhea, 2% will suffer in Mucus diarrhea and 19% in Typhoid, 22% will suffer in Jaundice, 28% viral diseases and 12% may suffer by scène disease in Dumki Upazila. The might die as a result every family of these Upazila will suffer in cluding financial problem.</p>
<p>Sanitation and water</p>	<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there</p> <p>Total 725 immature latrines, 1448 semi pucca latrines, 50 durable latrines and</p>

	<p>1000 pond in Kalapara Upazila will damage.</p> <p>Total 760 immature latrines, 1225 semi pucca latrines, 40 durable latrines and 987 ponds in Baufal Upazila, total 618 immature latrines, 1123 semi pucca latrines, 34 durable latrines and 890 ponds in Galachipa Upazila, total 666 immature latrines, and 567 ponds in Dashmina Upazila, total 500 immature latrines, 25 durable latrines and 800 ponds in Mirzaganj Upazila, total 600 immature latrines, 1000 semi pucca latrines, 29 durable latrines and 962 pond in Rangabali Upazila, Total 618 immature latrines, 1125 semi pucca latrines, 35 durable latrines and 568 pond in Dunkiu Upazila, total 342 immature latrines, 200 semi pucca latrines, 23 durable latrines and 725 ponds in Patuakhaliu sader Upazila might be destroyed fully or partially, as a result almost every people of those upazila will suffer in various diseases.</p>
Infrastructure	<p>If any devastating coastal cyclone hits in future as like Sider 2007 in Patuakhali district there total 76 Primary schools, 2 High schools, 15 Madras, 35 Mosques, 14 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Kalapara Upazila, total 68 Primary schools, 3 High schools, 13 Madras, 31 Mosques, 17 Temple, 1 Girzas 5 Health centers, 23 Soil made road, 10 km semi pucca road, 6 Cyclone shelter and 15 Culverts, 2 bridges and 3 pools in Galachipa Upazila, total 26 Primary schools, 3 High schools, 22 Madras, 29 Mosques, 5 Temple, 1 Girzas, 1Clinic, 5 Health centers, 13 Soil made road, 5 km semi pucca road, 6 Cyclone shelter and 15 Culverts, and 4 pools in Dasmina Upazila, total 45 Primary schools, 2 High schools, 5 Madras, 23 Mosques, 7 Temple, and 8 pools in Mirzaganj Upazila, total 12 Primary schools, 1 High schools, 11 Madras, 14 Mosques, 4 Temple, 2 Girza, 2 Government and nongovernment office,1 Health centers, 14 Soil made road, 2 km cobbled road, 4 Cyclone shelter in Rangabali Upazila, total 36 Primary schools, 3 High schools, 15 Madras, 23 Mosques, 3 Temple, 2 Girza, 1 Government office, 5 Health centers, 23 Soil made road, 10 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Dumki Upazila total 16 Primary schools, 2 High schools, 18 Madras, 38 Mosques, 2 Temple, 1</p>

	<p>Girza, 2 Government office, 1 Health centers, 1 Clinic, 8 km cobbled road 19km Soil made road, 6 km semi pucca road, 8 Cyclone shelter and 55 Culverts in Baufal Upazila,May be destroyed fully or partially.</p>
<p>Livelihood</p>	<p>People of the Patuakhali are classified by 4 categories in profession. 24234 people are living by fishing, 97108 are farmer, 101144 are small traders and businessmen and 57114 are day labour based on agriculture sector.</p> <p>Cyclone: Number of 202529 fishermen out of 242345 is usually affected by the cyclone. The scenario of other sectors is same such as 76933 farmers out of 97108, 81371 small businessmen out of 101144 and 32278 agriculture labour out of 57114 affected by directly and indirectly with the same disaster each year.</p> <p>Tidal surge: The disaster affects 179675 fishermen out of 242345, 69526 farmers out of 97108 and 56985 small and medium businessmen are affected by the tidal surge in this district.</p> <p>Salinity: 34398 farmers out of 97108 are affected by the salinity. During the March-April 143756 farmers out of 242345 are severely affected by the disaster.</p> <p>River erosion: 3% agriculture lands are wearing away in this district and as a result 2996 farmers are affected direct and indirectly.</p>

5.2.1 Administration Rearrangement

SI No	Name	Position	Mobile
1	Mr. Nure alam	UNO, Patuakhali Sader	01718681845
2	Mr.Jahangir Hossain	UNO, Kolapara Upazila	01712533153
3	Mr.A B M Sadikur Rahman	UNO, Baufol Upazila	01712125771
4	Mr.Azharul Islam	UNO, Doshomina Upazila	01718262156
5	Mr.Sabbir Ahmed	UNO, Dumki Upazila	01913043666
6	Mr.Abu Said Molla	UNO, Mirza Gonj Upazila	01773333257
7	Mr.Joynul Abedin	UNO, Rangabali Upazila	01777744277
8	Mr.Mahabub Alom	UNO, Golachipa Upazila	01712786830
9	Mr. Amirul islam	PIO , Galachipa Upzilla	01717956847
10	Mr.Mojahidul Islam	PIO, Patuakhali Sader Upazila	01711947460
11	Sumon Chandra Debnath	PIO, Kolapara Upozila	01912940894
12	Mr. S m delowar hossain	PIO, Baufol Upozila	01720548060
13	Mr.Rofiqul Islam	PIO, Mirzagonj Upazila	01754843281
14	Mr.Rajib Bisshaws	PIO, Dumki Upazila	01710006216
15	Mr. Topon Kumar Gosh	PIO, Rangabali Upazila	01713341926
16	Mr.Shohrab Hossain	PIO, Dosmina Upazila	01718510225

5.2.2 Garbage Remove

SI No	Name	Position	Mobile
1	Mr. Nure alam	UNO, Patuakhali Sader	01718681845
2	Mr.Jahangir Hossain	UNO, Kolapara Upazila	01712533153
3	Mr.A B M Sadikur Rahman	UNO, Baufol Upazila	01712125771
4	Mr.Azharul Islam	UNO, Doshomina Upazila	01718262156
5	Mr.Sabbir Ahmed	UNO, Dumki Upazila	01913043666
6	Mr.Abu Said Molla	UNO, Mirza Gonj Upazila	01773333257
7	Mr.Joynul Abedin	UNO, Rangabali Upazila	01777744277
8	Mr.Mahabub Alom	UNO, Golachipa Upazila	01712786830
9	Mr. Amirul islam	PIO , Galachipa Upzilla	01717956847
10	Mr.Mojahidul Islam	PIO, Patuakhali Sader Upazila	01711947460
11	Sumon Chandra Debnath	PIO, Kolapara Upozila	01912940894
12	Mr. S m delowar hossain	PIO, Baufol Upozila	01720548060
13	Mr.Rofiqul Islam	PIO, Mirzagonj Upazila	01754843281
14	Mr.Rajib Bisshaws	PIO, Dumki Upazila	01710006216
15	Mr. Topon Kumar Gosh	PIO, Rangabali Upazila	01713341926
16	Mr.Shohrab Hossain	PIO, Dosmina Upazila	01718510225

5.2.3 Revive public service

SI No	Name	Position	Mobile
1	Mr. Nure alam	UNO, Patuakhali Sader	01718681845
2	Mr.Jahangir Hossain	UNO, Kolapara Upazila	01712533153
3	Mr.A B M Sadikur Rahman	UNO, Baufol Upazila	01712125771
4	Mr.Azharul Islam	UNO, Doshomina Upazila	01718262156
5	Mr.Sabbir Ahmed	UNO, Dumki Upazila	01913043666
6	Mr.Abu Said Molla	UNO, Mirza Gonj Upazila	01773333257
7	Mr.Joynul Abedin	UNO, Rangabali Upazila	01777744277
8	Mr.Mahabub Alom	UNO, Golachipa Upazila	01712786830
9	Mr. Amirul islam	PIO , Galachipa Upzilla	01717956847
10	Mr.Mojahidul Islam	PIO, Patuakhali Sader Upazila	01711947460
11	Sumon Chandra Debnath	PIO, Kolapara Upozila	01912940894
12	Mr. S m delowar hossain	PIO, Baufol Upozila	01720548060
13	Mr.Rofiqul Islam	PIO, Mirzagonj Upazila	01754843281
14	Mr.Rajib Bisshaws	PIO, Dumki Upazila	01710006216
15	Mr. Topon Kumar Gosh	PIO, Rangabali Upazila	01713341926
16	Mr.Shohrab Hossain	PIO, Dosmina Upazila	01718510225

5.2.4 Emergency livelihood support

SI No	Name	Position	Mobile
1	Mr. Nure alam	UNO, Patuakhali Sader	01718681845
2	Mr.Jahangir Hossain	UNO, Kolapara Upazila	01712533153
3	Mr.A B M Sadikur Rahman	UNO, Baufol Upazila	01712125771
4	Mr.Azharul Islam	UNO, Doshomina Upazila	01718262156
5	Mr.Sabbir Ahmed	UNO, Dumki Upazila	01913043666
6	Mr.Abu Said Molla	UNO, Mirza Gonj Upazila	01773333257
7	Mr.Joynul Abedin	UNO, Rangabali Upazila	01777744277
8	Mr.Mahabub Alom	UNO, Golachipa Upazila	01712786830
9	Mr. Amirul islam	PIO , Galachipa Upzilla	01717956847
10	Mr.Mojahidul Islam	PIO, Patuakhali Sader Upazila	01711947460
11	Sumon Chandra Debnath	PIO, Kolapara Upozila	01912940894
12	Mr. S m delowar hossain	PIO, Baufol Upozila	01720548060
13	Mr.Rofiqul Islam	PIO, Mirzagonj Upazila	01754843281
14	Mr.Rajib Bisshaws	PIO, Dumki Upazila	01710006216
15	Mr. Topon Kumar Gosh	PIO, Rangabali Upazila	01713341926
16	Mr.Shohrab Hossain	PIO, Dosmina Upazila	01718510225

Source: (DC and DRRO, Patuakhali)

Annex-1

Checklist for implementing contingency plan

Checklist:

Necessary action should be taken as urgent basis after getting the emergency weather bulletin and announcement of signal no. 5 through radio and television.

Sl. No.	Subject	Yes/no
1	Has the selected volunteers been informed to disseminate warning message to the community about the approaching disaster	Yes
2	Have the groups been ready to rescue people from vulnerable area	Yes
3	Has the messages been disseminated to preserve dry food and drinking water in the underground to meet for 2/1 days demand during the disaster	Yes
4	Have the lifejackets been supplied to the volunteers for security purpose	Yes
5	Has the sufficient manpower deployed to run the UP control room continually	Yes
6	Has required security measures been taken properly for relief stocks	Yes
7	Others	

N.B.:

- Corrective measures should be taken instantly if any dispute found in the checklist
- It is emergency to collect lifejackets for volunteers from UP own fund or any donor fund

Checklist:

Complete checklist will provide to Upazila Nirbahi Officer (UNO) and office of Deputy Commissioners (DC) by calling a meeting with the union disaster management committee within 15th of April of May every year.

Sl. No.	Subject	Marking a sign
1	Food stocks are available in the district storage center	√
2	Give necessary vaccine and immunization to the children of vulnerable area	√
3	Vitamin has provided to the children within 1 to 6 years age and their mother	√
4	ORS storage has been ensured in the district clinic/hospital	√
5	Yearly training has been provided to the volunteers	√
6	Necessary first aid kits has ensured in every shelter center	√
7	Village doctors are available in the shelter center area	√
8	Available tube-well in the shelter center	√
9	Door and windows of shelter center has good in condition	√
10	Alternative caretaker are available in every shelter center	√
11	Separate facilities for the women has available in shelter center	√
12	Nurse/midwife are available to take care to the delivery, lactating mother	√
13	High place/killia has made for cattle and domestic animals	√
14	Aware to the volunteers for their respective duties	√
15	Toilet facilities are available in the shelter center	√
16	Necessary microphone are good in condition to disseminate warning message	√
17	Aware to the community to preserve dry food and safe water	√
18	Others	√

Annex-2***District Disaster Management Comity******District- Patukhali***

SI No	Name	Position	Position in Comity	Mob No
1	Amitab Sarkar	DC,Potuakhali	Chair person	0441-62300
2	Shanty Ronjon Boiddo	DRRO,Potuakhali	Secretary	0441-62394
3	Md.Rofiqul Hasan Khan	SP,Potuakhali	Member	01713374311
4	Dr. Md.Shofiqur rahman	Mayor potuakhaliPoiwra shava, patuakhali.	Member	01749187050
5	Shekh Md Monirujjaman	CEO, Zila parisad, Patuakhali.	Member	01711177072
6	Dr md nowshar ali	Sivil serjan, Patuakhali.	Member	০১৭১৭৮৬০৬৪৪
7	Abu saleh Md.hanif	Executive engineer, LGED, Patuaklhali	Member	01716042986
8	Md. dalowar hossain	Executive engineer, Water development Board, Patuaklhali	Member	০১৭১২৬১৪০২৪

9	Komolandu mojumder	Executive engineer, roads and high ways, Patuaklhali	Member	01711358357
10	A.K.M. Kamrujjaman	Executive engineer, Ganapurta, Patuaklhali	Member	01816458188
11	S.M.ShoHidul Islam	Executive engineer, Public Health, Patuaklhali	Member	01712490261
12	Mihir kumar Dow	Devotional forest officer, Patuakhali.	Member	01821780348
13	Dr babol krishno haldar	District animal resourts officer, Patuakhali.	Member	01712042740
14	Md ruhul amin khan	District Education officer, Patuakhali.	Member	01715024979
15	Md ataur rahman	District Primary education officer, Patuakhali.	Member	01712106369
16	Sahida Begum	District women affairs officer, Patuakhali.	Member	01712867541
17	Md eqbal Hossain	District fisheries officer, Patuakhali.	Member	01715802265

18	Mahbubur Rahman sikder	District food director, Patuakhali.	Member	01747500813
19	Jakir hossain	District senior information officer, Patuakhali.	Member	০১৭১৫৬১৩৮৬৪
20	Md shahbuddin bissaws	District Cooperative officer, Patuakhali.	Member	01715743733
21	Md cunnu mia	District Anser and VDP comander, Patuakhali	Member	044162516
22	A.Z.M.momotaz ul karim	Additional director, agriculture extention department,patua khali	Member	01712222536
23	Abutaherr md. obaedul	Additional director, youth development department, Patuakhali.	Member	01716350216
24	Sapan kumar Kukharji	Additional; director, Department of Social Services, Patuakhali.	Member	01711982778

25	Md. Ahsanul Kabir	Deputy direvctor, fire defence, Patuakhali.	Member	01730009048
26	Prf.Pranes kianti sikder	Principal, Patuakhali Womens Collage, Patuakhali.	Member	01917260751
27	Abul Bashar	President, District BAR association, Patuakhali.	Member	০১৭৩৩০৬৪০৬৬
28	Kazi.Kanij sultana Helen	President, National Womens Organization, Patuakhali.	Member	01712184020
29	Kajol Baran dash	President patuakhali Tress Clube.	Member	01712196277
30	Md. Liakot Hossain	DR, BRACK,Patuakh ali	Member	01716298140
31	Md. Anyet Hossain	CEO, SDA	Member	01712-103394
32	Abul Hasan	Regional Manager, Muslim Aid, Patuakhali.	Member	01911021449
33	Khan Mosharof hossain	President, Uniouon Parisad	Member	01712856118

		foroum, Patuakhali		
34	Mr. Nure alam	UNO, Patuakhali Sader	Member	01718681845
35	Mr.Jahangir Hossain	UNO, Kolapara Upazila	Member	01712533153
36	Mr.A B M Sadikur Rahman	UNO, Baufol Upazila	Member	01712125771
37	Mr.Azharul Islam	UNO, Doshomina Upazila	Member	01718262156
38	Mr.Sabbir Ahmed	UNO, Dumki Upazila	Member	01913043666
39	Mr.Abu Said Molla	UNO, Mirza Gonj Upazila	Member	01773333257
40	Mr.Joynul Abedin	UNO, Rangabali Upazila	Member	01777744277
41	Mr.Mahabub Alom	UNO, Golachipa Upazila	Member	01712786830
42	md. Liakot Ali	DPM, Islamic Relife Bangladesh.	Member	01763414164

Source: DRRO, Patuakhali

Annex-3

List of Volunteers in the district

SI No	Name	Father's name	Upazila name	Training	Mob No
1	Md tofajjol hossain	Let.Hazi Mokter	Kolapara	Rescue	01720013842

		Ali ha.		acteveties	
2	Md monirul Islam	Md.Anach Ha.	Kolapara	First Aid	01748788254
3	Mrs. Shurjo Vanu	Md.Anach ha.	Kolapara	Cyclone shelter management	01739908931
4	md. Shawpon ha.	md.sobhan ha.	Kolapara	Early warning	01728289316
5	md.jakir Hossain	Lef.anowar hossain talukder	Kolapara	Rescue acteveties	01718446185
6	Mrs.morsheda akter	Md a.rajjak sikder	Kolapara	First Aid	01720353314
7	Md Anowar khan	Md seraj khan	Kolapara	Cyclone shelter management	01926394562
8	Md amir hossain	Lef.delowar ha.	Kolapara	Early warning	01733129826
9	Mrs.taslima begum	md.Shanu kha	Kolapara	Rescue acteveties	01727175643
10	Ohed	Lef.akter ha.	Kolapara	First Aid	01823033702
11	Md sanu khan	Ali azim khan	Kolapara	Cyclone shelter management	01727175643
12	Jorna akter	md.nasir uddin talukder	Kolapara	Early warning	01721367709
13	md. abul hossain talukder	Lef.md.adom ali ta.	Kolapara	Rescue acteveties	01740809102
14	md.nasir uddin	Md anowar hossain ta.	Kolapara	First Aid	01721367709
15	Mrs.mahfuja begum	Md.anach ta.	Kolapara	Cyclone shelter management	01746306668
16	md. kanchon ali akon	Lef. Md.kasam ali akon	Kolapara	Early warning	01725417458
17	md. mazid ha.	Lef.sonamuddin dofader	Kolapara	Rescue acteveties	01748247334

18	Mrs.sufia	md.Golap hossain	Kolapara	First Aid	01916915055
19	Md afjal Hossain	Lef. Md samsul huda muinsi	Kolapara	Cyclone shelter management	01710179290
20	Md rofiqul islam	md. manez uddin ha.	Kolapara	Early warning	01724431060
21	Mrs.khadiza begum	md.mosharaf mia	Kolapara	Rescue acteveties	01725417485
22	Md alauddin dofader	Lef.md sonamuddin dofader	Kolapara	First Aid	01725417548
23	Md.A.Auwal Ha.	A.Majid Ha.	Kolapara	Cyclone shelter management	01710580459
24	Mrs munsura begum	md. shahidul islam	Kolapara	Early warning	01725414548
25	Md hasan mia	Md salim sikder	Kolapara	Rescue acteveties	01710625612
26	Md Jahangir hossain	Lef.md chan gazi	Kolapara	First Aid	01728811612
27	Mrs Asma Akter	Md Jakir Hossain	Kolapara	Cyclone shelter management	01734266726
28	Md nurul islam gazi	Lef.A.Sobhan Gazi	Kolapara	Early warning	01718668829
29	Md Hossain Mriddha	Lef.Hatem Mriddha	Kolapara	Rescue acteveties	01735590263
30	Mrs.Forida yasmin	Md Jahangir ha.	Kolapara	First Aid	01740840611
31	Md monirul islam	Lef.md A.razzak talukder	Kolapara	Cyclone shelter management	01716676855
32	Md jafor hawlader	Md hafez Ha.	Kolapara	Early warning	01748247351
33	Maya rani sheel	Subol Chandra	Kolapara	Rescue	01719659289

		sheel		acteveties	
34	Md harun-Ar-rashid	Lef.md A.Hakim pahlanh	Kolapara	First Aid	01740880822
35	Md safiqul islam talukder		Kolapara	Cyclone shelter management	01716516981
36	Mrs tahmina begum	A.Razzak Ha.	Kolapara	Early warning	01718862364
37	Md shahjahan hawlater	Md afaz uddin ha.	Kolapara	Rescue acteveties	01724448601
38	Md Abu chala Ta.	A.rob Ta.	Kolapara	First Aid	01736391728
39	Mrs.Kulsum begum	Md sanu Hawlater	Kolapara	Cyclone shelter management	01716676855
40	Md mojibar rahman	Lef.nur hossain sikder	Kolapara	Early warning	01727464938
41	md.nizam uddin talukder	md.rofiqul islam talukder	Kolapara	Rescue acteveties	01725497899
42	Mrs aleya begum	Md sahalam ha.	Kolapara	First Aid	01713962648
43	Md Abu Hanif Hawlater	Lef.jannat Ali Ha.	Kolapara	Cyclone shelter management	01729706512
44	Md shahjahan Ha.	md.nurul islam Ha.	Kolapara	Early warning	01718991791
45	Mrs nadira sultana	Md monirul islam	Kolapara	Rescue acteveties	01712897766
46	Md sahalam mridha	Lef.md sarif ali mridha	Kolapara	First Aid	01730165553
47	Md A.barek Gazi	Md Khabir uddin Gazi	Kolapara	Cyclone shelter management	01717115921
48	Mrs ojufa begum	Md Altaf hossain	Kolapara	Early warning	01730165553

49	Md jakir hawlater	Md ashraf hawlater	Kolapara	Rescue activities	01719633701
50	md.lotif bisshaws	Md monsur ali bisshaws	Kolapara	First Aid	01936395904
51	Mrs morsheda begum	Md sanu gazi	Kolapara	Cyclone shelter management	01730165553
52	Md anowar bisshaws	Md khanger ali bisshaws	Kolapara	Early warning	01747886776
53	Md sahidul islam gazi	Md hasem gazi	Kolapara	Rescue activities	01738249928
54	Mrs rehena begum	Md sahidul islam	Kolapara	First Aid	01748135998
55	Md belayed hossain	Lef.A.goni paddha	Kolapara	Cyclone shelter management	01748135998
56	A. Goni ha.	Lef.hatem ali ha.	Kolapara	Early warning	01748424690
57	Mrs sahanu begum	Md sahalam ha.	Kolapara	Rescue activities	01709908815
58	Md mohsin gazi	Md mostofa gazi	Kolapara	First Aid	01730165553
59	A.rob ha.	Lef.macher ali ha.	Kolapara	Cyclone shelter management	01730165553
60	Mrs sakina begum	Md mojibar rahman	Kolapara	Early warning	01722827973
61	Md sotter gazi	Lef.md alom gazi	Kolapara	Rescue activities	01713614125
62	Md mojibar mridha	Lef.islam mridha	Kolapara	First Aid	01713614125
63	Mrs nazma begum	Md kawsar	Kolapara	Cyclone shelter management	01713614125

64	Md hossain ha.	Md afez uddin ha.	Kolapara	Early warning	01713614125
65	Md edrish talukder	Lef.tujambar ali talukder	Kolapara	Rescue acteveties	01732340513
66	Mrs korna begum	Md gazi rahman	Kolapara	First Aid	01713614125
67	Md masharaf paddha	Md nur hossain master	Kolapara	Cyclone shelter management	01727983419
68	Md moklachur rahman	Lef.bojlor rahman ta.	Kolapara	Early warning	01720666765
69	nurunnahar	Md Jahangir gazi	Kolapara	Rescue acteveties	01713614125
70	Md mintu talukder	Monowar hossain ta.	Kolapara	First Aid	01713614125
71	Nazmul islam	Abdul kuddus	Kolapara	Cyclone shelter management	01737301168
72	Mrs shimu begum	Md badsha gazi	Kolapara	Early warning	01713614125
73	Md habibur rahman	Lef.alimuddin ha.	Kolapara	Rescue acteveties	01726518782
74	Md Abul bashar	Md amir ali ta.	Kolapara	First Aid	01724996462
75	Shahida begum	Taibur rahman	Kolapara	Cyclone shelter management	01725967705
76	Md motaleb hawlater	Lef.nur mohammed hawlater	Kolapara	Early warning	01718309164
77	Md mejbah uddin (dulal)	Md Ali akber talukder	Kolapara	Rescue acteveties	01710547061
78	Mrs lili begum	Md mejbah uddin (?dulal)	Kolapara	First Aid	01718309164
79	Md dulal fakir	Md motahar fakir	Kolapara	Cyclone shelter management	01718383856

80	Md ismail hossain ha.	Lef.A.ali ha.	Kolapara	Early warning	01813764464
81	Ismot ara parvin	Md faruk hossain	Kolapara	Rescue acteveties	01736991320
82	Md monir hossain	Lef.nur mohammed hawlader	Kolapara	First Aid	01722859505
83	Md mostofa hawlader	Md ashraf ali ha.	Kolapara	Cyclone shelter management	01716183908
84	Mrs khadiza begum	Md Abul hossain	Kolapara	Early warning	01726453143
85	Md Jahangir alom ta.	Lef. Jannat ali ta.	Kolapara	Rescue acteveties	01712982249
86	Md humayan kabir	Md motaleb hossain	Kolapara	First Aid	01714635084
87	Mrs maksuda	Md dulal fakir	Kolapara	Cyclone shelter management	01718309164
88	Md abul hossain	Md hamiz uddin jomadder	Kolapara	Early warning	01710783220
89	Md Ibrahim hawlader	Md basher ullah hawlader	Kolapara	Rescue acteveties	01816717203
90	Mrs laili begum	Md monir hossain	Kolapara	First Aid	01726006647
91	Md mokbul hossain	Lef. Md arshed ali ha.	Kolapara	Cyclone shelter management	01712877399
92	Md altaf hossain	Lef.md mofez uddin	Kolapara	Early warning	01734857824
93	Mrs parul begum	Md monir bapari	Kolapara	Rescue acteveties	01748265534
94	Md sultan mridha	Lef.munsur ali	Kolapara	First Aid	01739621696

		mridha			
95	Md kabir hossain	Md rofiqul islam	Kolapara	Cyclone shelter management	01721430577
96	Mrs salma begum	Md abul kalam	Kolapara	Early warning	01713932287
97	Abdus salam sikder	Alhaz md ali talukder	Kolapara	Rescue acteveties	01718152855
98	Md nizam uddin talukder	Md jalal uddin talukder	Kolapara	First Aid	01719938656
99	Mrs shahinul begum	Abu bakkor ha.	Kolapara	Cyclone shelter management	01722657940
100	Md salim hawlader	Md faysuddin munsii.	Kolapara	Early warning	01712877399

Source: CPP Office, Patuakhali

Annex-4

No specific list of responsible person found for the respective work in upazilla and union level below. But during the information collection period in Upazilla and union leve it came to know from the relavent stakeholders that those work done by the union secretary along others UP members under the leading od the Union Chairman. The whole process is observed by the Upazila personal like Upazila Chairman, UNO, PIO, LGEDE, CPP, Upazila agriculture officer, Upazila fishiries officer, Upazila education officer etc.

Name of the Cyclone shelter	Responsible person	Mob No	Comment
Patuakhali Sadar	Mr. Nur Alam	01718681845	Upazila Nirbahi Officer, Patuakhali Sadar upazila
Kolapara	Mr. Md. Jahangir	01712533153	Upazila Nirbahi

	Hossain		Officer, Kolapara upazila
Bawfal	Mr. ABM Sadikur Rahman	01712125771	Upazila Nirbahi Officer, Bawfal upazila
Dashomina	Mr. Azharul Islam	01718262156	Upazila Nirbahi Officer, Dashomina upazila
Dumki	Mr. Sabbir Ahmed	01913043666	Upazila Nirbahi Officer, Dumki upazila
Mirzaganj	Mr. Abu Sayed Mollah	01773333257	Upazila Nirbahi Officer, Mirzaganj upazila
Rangabali	Mr. Md. Jaynul Abedin	01777744277	Upazila Nirbahi Officer, Rangabali upazila
Golachipa	Mr. Md. Mahabub Alam	01712786830	Upazila Nirbahi Officer, Golachipa upazila

High Emabnakment/ Roads

Name of the Cyclone shelter	Responsible person	Mob No	Comment
Emabnakment/ Roads	Mr. Nur Alam	01718681845	Upazila Nirbahi

Of Patuakhali Sadar Upazila.				Officer, Patuakhali Sadar upazila
Emabnakment/ Roads Of Kolapara Upazila.	Mr. Md. Jahangir Hossain	01712533153	Upazila Nirbahi Officer, Kolapara upazila	
Emabnakment/ Roads Of Bawfal Upazila.	Mr. ABM Sadikur Rahman	01712125771	Upazila Nirbahi Officer, Bawfal upazila	
Emabnakment/ Roads Of Dashomina Upazila.	Mr. Azharul Islam	01718262156	Upazila Nirbahi Officer, Dashomina upazila	
Emabnakment/ Roads Of Dumki Upazila.	Mr. Sabbir Ahmed	01913043666	Upazila Nirbahi Officer, Dumki upazila	
Emabnakment/ Roads Of Mirzaganj Upazila.	Mr. Abu Sayed Mollah	01773333257	Upazila Nirbahi Officer, Mirzaganj upazila	
Emabnakment/ Roads Of Rangabali Upazila.	Mr. Md. Jaynul Abedin	01777744277	Upazila Nirbahi Officer, Rangabali upazila	
Emabnakment/ Roads Of Golachipa Upazila.	Mr. Md. Mahabub Alam	01712786830	Upazila Nirbahi Officer, Golachipa upazila	

Health management Comity

Name of the Health Center	Responsible person	Mob No
Gumorbuniya CC	Md Ibrahim Khalil	01729477759
Cungapasha	Rubina	01761708871
Anipara CC	Nasrin nahar	01734040870
Rojpara CC	Sadiya Afroj	01714901008

Uttor TiyaKhali CC	Mainul Islam	01710538825
Moddho TiyaKhali CC	Maharunnessa Munni	01710783201
Badur Toli CC	Bikash Chandra Dash	01753641100
Majher hawla CC	Airin Akter	01729332485
Chandupara CC	Umma Moriyom Shukhi	01760520345
Tagachiya CC	Sarmin Akter	01750509053
Purbo ModhuKhali CC	Israt Jahan	01753000293
Amtali Para CC	Mahbbot Islam	01750180999
Kumir mara CC	Asma Begum	01726453689
Dowlotpur CC	Shima Mitro	01191247099
Hazipur CC	Kazi monira Akter	01932940747
Ucefpur CC	Oshim Chandra Shikder	01728878242
Sudhir pur CC	Aysha Siddika	01913990658
Dalbu Gonj	Rasel Shikder	01718359682
KocchopKhali CC	Mahmuda Yasmin	01762576120
Fashipara CC	Piyara begum	01745056659
Patuya CC	Musrat Jahan Tapshi	01739557115
Pachjuniya CC	Mainul Islam	01745590521
Londha CC	Md Monirul Islam	01745568071
Nishan Bariya CC	Mohibul Islam	01752971710
Ononto para CC	Sbiha Shukhi	01725498499
Notun para CC	NurJahan Sumi	01760520345
Lohalia UH & FWC	Mu: Anchar Uddin	০১৭২১৪৫২২৮৬
Kalikapur UH & FWC	Ashrafunnahar	০১৭১৬০৩৭২১৭
Laukathi UH & FWC	Muhammad mucha	০১৭১০৮৬৩১৫০
Mather bunia UH & FWC	Sontosh kumar	০১৭১৪৫৬৮৪৮৪
Borbigai UH & FWC	MihirKumar	০১৭১৮৮৭২৩৬৫
Komolapur UH & FWC	Mu: jakir Hossain	০১৭১৪৮০৮৮৫১
Bodorpur UH & FWC	Mu: Nazrul Islam	০১৭১৮৫৬০০৩৮

Komolapur UH & FWC	Ponkoj kumar roy	০১৭২৮০০১৪৬২
Aowlia pur UH & FWC	Sayed Md Nasim	০১৭২২৮৮৮৪৮৪
Morich Bunia UH & FWC	Shima Rani Sheel	০১৭৩৩৯৩৫৪০৯
ChotoBighai UH & FWC	Laki Akter	০১৭৬৬২৭৫৫৩৯
Borbigai UH & FWC	Md Faruk Ahmed	০১৭১৪৪৭৯৩৯৪
Bodorpur UH & FWC	Md Shahjahan mia	০১৭১৮৫৫৫৬৭৭
ChotoBighai UH & FWC	Jannatul Naim Jui	০১৬৭২৭২২২৪৯
Joinkathi UH & FWC	Mahbuba Khatun	০১৭৪৫২৮২০৫৬
Aowlia pur UH & FWC	Sadhona Rani Mondol	০১৭৩৩৫৬৬৫২৪
Eatbaria UH & FWC	Aleya Begum	০১৭৩৫৯৯৯৩৯৪
Morich Bunia UH & FWC	Kolpona Rani	০১৭৩৯১৪০৯৭৭
Kalikapur UH & FWC	Ayesha begum	০১৭১৬৯১৬১৬৩
Lohalia UH & FWC	Shefali begum	০১৭১৬৪১৯৪৭৪
Mother and Child Welfare Center	Israt Rehena	০১৭১২২৫৪২৬৮
Mother and Child Welfare Center	Sonia Parvin	০১৭১৬৯৭২৬৭৯
Laukathi UH & FWC	Mahinur Begum	০১৭১২২৭৩৪৫৬
Borbigai UH & FWC	Rashida khanom rina	০১৭৩৪০৮৩৯৩২
Komolapur UH & FWC	Taslina Begum	০১৭১২৫১৮১১১
ChotoBighai UH & FWC	Shahanur Parvin	০১৭১৭৮৫৯৪১০
Mather bunia UH & FWC	Haowa Bibi	০১৭২৫৯৬৫৫৫১
Bodorpur UH & FWC	Tanjina Nahar Mukta	০১৭২৮৬৩৩৯৭০
Mother and Child Welfare Center	Ferdousi Begum	০১৮৩৬৯০৫৮৫৬
Aowlia pur	Abul Kasam	০১৭৩১২৯৯৫৮১
Eatbaria	Kartik Chandra Sarkar	০১৭১৮৬০৬৭৭৯
Kalikapur	A: Satter ha.	০১৭২৪৫৪২৩৩৩

Joinkathi	A:Mojid Hawlader	০১৭২৬৬৫২১১২
PowroShova	Sharif Azizur Rahman	০১৭৪৫০০৭৩১৭
Morich Bunia	Md:ShaJahan	০১৭২২০২৭২৭৭
Laukathi	Babul Chandra Chokrobati	০১৭২৬৫১৯১৯১
Komolapur	Md:Kamal Hossain	০১৭২৯৩২২২৩৪
Borbigai	Md Ariful Islam	০১৭১০৭৮৮৬৭০
Mather bunia	Md Monirul Islam	০১৭১৯৬৬৬৫৫২
ChotoBighai	Md:Nazrul Islam	০১৭২৮৩৬৮১৫৪
Lohalia	Shuvroto Chandra Odhikari	০১৭২৪৪৯৭১১১
Laukathi/no.3	Nomita Rani	০১৭৩৮৫৩১১১৫
Kalikapur/no3	Rahima Begum	০১৯১৪৭২০৯৬৩
Lohalia /no.1	Nurjahan Begum	০১৭১৭২৯৭৯৩৯
Komlapur/no.3	Rowshon Ara	০১৭৫৬৮৫৬৯৪১
Bodorpur/no.2	Gowri Rani Sheel	০১৭১৬৫৫০৭৮০
Eatbaria/no.2	Sona Rani	০১৭১১৯৪৫৯৩৮
Chotobigay/no2	Biva Rani Dash	০১৭১৬৮৫৮১২৭
Auwliapur/no.2	Begum Roshida	০১৭২৯৩২২১৪৮
Laukathi/no.1	Fatema Begum	০১৭১০৭৪৪২১৯
Matherbunia /no.3	Hosneara	০১৭২৬৮২৬৭৫৬
Bodorpur/no.1	Onima Rani	০১৭২১০৭৮২৩০
Morich Bunia/no1	Lutfunnesa	০১৮২২৪০৪১৫৩
Komlapur/no.2	Kohinur Begum	০১৭১৪৩৫১১৭৬
Chotobigay/no.3	Khadiza Begum	০১৭৩২০৩০৩৩২
Lohalia/no.3	Say: Bilkis Jahan	০১৭১৩৯৫৮৩৭২
Morich Bunia/no.1	Shafia Begum	০১৭২১৮১১৩৫২

Auwliapur/no.3	Halima Khatun	০১৭৫০০৬৮৫৫৮
Komlapur/no.1	Rehana Begum	০১৭২৫০৭০৮০৩
MotherBunia/no.2	Piara Begum	০১৭১৮৩৩২৮৪৬
Lohalia/no.2	Bela Rani Datto	০১৭২৯৩৫৭১৮৪
Kalikapur/no.2	Nargis Akter	০১৭২৮১৯৮৪৩৬
MotherBunia/no.1	Bashonti Rani	০১৭২০৬২২৩৪৮
Boro bigai/no2	Monowara begum	০১৭২৪১৮৩৩৮০
Lohalia begum/no2	Moriom begum	০১৭১০৬২৫০৬৫
Eatbaria/no.1	Samsun nahar	০১৭১৬৪৫৮৯৬১
Mother bunia/no.3	Ranu prova	০১৯১২১৯১১৫৮
Lohalia/no.3	Lutfun nahar	০১৭৪৬১৬৬৭৮৫
Eatbaria/no.3	Alo rani	০১৭২৯৭৮৬৩২৫
Morich banu/no.2	Aleya Khanom	০১৭৩৬৮৩৪৬১৭
Mother buniya/no.2	Pori vanu	০১৭১০৩০৭৫২০
Laukathi/no.2	Piyara Parvin	০১৭২৭৫৮২১৬০
Chotobigai/no.1	Nurjahan Begum	০১৯১৫৯৬৬৭৩০
Bodorpur/no.1	Piara khanom	০১৭১৬০২৫৬০৬
Laukathi/no.3	Fatema Begum	০১৭৩৬২৫০০৬৭
Komlapur/no.1	Lila rani	০১৯২০০৫৮৩১৯
Joinokathi/no.2	Samsun nahar	০১৭২৬৪৫৪৮৩২
Komlapur /no.1	Jahan momotaj	০১৭১৬৮৫০৬৭৫
Chotobigai/no.3	Jakiya jasmine	০১৭২৬২৬৯২২৪
Borobigai/no.2	Shahinur Begum	০১৭১৪৬৬০৪৬৬
Aowliapur/no.1	Jahanara begum	০১৭৩৬২২৪৫৬৯
Powroshova/no.1	Nilufar Najnin	০১৭১০৮২২০৮৩

Eatbariya/no.3	Rushiya Begum	০১৭৪৫৭৩৪৬৮৫
Kalikapur	Nazmun Nahar	০১৭৩২৭৮০৩৯১
Joinokathi	Mrs. Farhana Yasmin	০১৭৩৯৯০৮৬০০
Borobigai	Mrs.tanjila Akter	০১৭৩১২৫২২৭১
Bodorpur	Arifa Sultana	০১৭১৬০২৬৬৪৮
Bodorpur	Lutfun nahar	০১৭২৭০৫৮৮০৬
Lohalia	Razia sultana	০১৭১০৭৮৩১২৫
Aowliapur	Kajol rekha	০১৭২২০২৬৫৫৪
Borobigai	Chad sultana	০১৭৫৪২৭০৮৮১
Morichbunia	Tinni Akter	০১৭৪৪৩১৭২৪০
Joinokathi	Samsunnahar Begum	০১৭৫৬৬৭৯৯৪৭
Eatbariya	Kaniz fatema	০১৭৪৫৫২১০২৯
Aowliapur	Nasima Akter	০১৭৫৮৯৫১৩৭৭
Cotobighai	Kamrun nahar	০১৭৩২৩৪৭৩৭৩
Upozila P: P: A:	Md shah Alom Akon Dr.Jitandra Chandra Ray	০১৭৩৩৬৫৯৯০৫
Nova Daygonistick Center, Potuakhali	Dr. Md. Mizanur Rahman F S P S(CHILD)	০১৮৩৩৭৮৫০৩৩
No.9 LAN,Sobu jBag	Dr.MD.Bahauddin AL Mamun	০১৭২১১৮৯৫৪৬
Nova Daygonistick Center, Potuakhali	Dr. Md. Ziaul Karim DDV (Skine & sex)	০১৭৩৬০৯৮৬৮২
Mukti Vaban,	Dr. Md.Mahmudur Rahman DGO(GAYNI)	০১৭১১০২০৪৭৩
	DR. Hossain Ahmed DA	০১৭১২৯০১৪২১
Prime Daygonistick Center, Hospital Gate	Dr. Md.Mostafizur Rahman FCPS(CHILD)	০১৭১১১৪৯৪৯৯
Chadni Pharmacy,Hospital Gate	Dr. Md.Salim Matbor D Aurtho:	০১৭১১১৯৩৩৩৩

Nova Daygonistick Center, Potuakhali	Dr. Md. Moshiul Alom	০১৭১১৩৬৮৮৮
	Dr. ABU Hasan Md.Rofiqul Bari FCPS(EUROLOGY)	০১৭১৫৪৫১৮৮৮
Nova Daygonistick Center, Potuakhali	Dr. Subod Chandra Kundu BDS	০১৮১৫০০৫৯৩৮
College Optics,Sodar Road	Dr. Md.Lokman Hakim DO	০১৭১১৭৮৭১৫৩
Nova Daygonistick Center, Potuakhali	Dr. G M Nazimul Hoque FCPS(SURGERY)	০১৭১৬৫৪৬৩৬৬
Panama Daygonistick Center,Old Busstand	Dr. Md. Shihab Uddin D Aurtho	০১৭১১৬৬১০৬৩
Prime Daygonistick Center, Hospital Gate	Dr. Rommana Shayla Nur	০১৭১২৫৪৪৪১২
Zaman Pharmacy, Hospital Gate	Dr. Md.Atiqur Rahman FCPS(MEDICINE)	০১৭১৬২৬৮২২৫
Amena Daygonistick Center,Power House Road, Potuakhali	Dr.Dilruba Yasmin Liza	০১৭২৪২১০৭৭৩
Panama Daygonistick Center,Old Busstand	Dr.Ferdousi Akter	০১৭১১১৮৩৬৬৭
Angaged in UNESCO MISSON	Dr. Golam Faruk Khan	০১৮১৬১৬০৬৬৬

Fire Defance comity

Name of the fire station	Responsible person	Mob No	Remark/Position
Kalapara/Khepupara Upazila	Md.A.Khalek	01719565280	S P
	Md. Shahidul Islam	01788803542	Leader
	Md. Nasir Uddin	01721870179	Driver
	Md. Yunus Khan	01727195302	Driver
	Md. Bodiujjaman	01742121313	Faireman
	A.Malek Mia	01714664312	Faireman

	Zahirul Islam	01711245486	Faireman
	Zakir Hossain	01914417874	Faireman
	Md.Khalilur Rahman	01725631260	Faireman
	Masum Billah	01734412532	Faireman
	Abu Khandokar	01776735267	Faireman
Patuakhali Sadar Upazila	Md.Ahsanul Kabir	017172-024060	Assistant Manager
	Md. Alomgir Hossain		W.H.I.
	Md.Nurul Islam	01937-181974	S.S.O.
	Hawlader		
	Md.Abdul Khalek		S.O.
	Abdus Salam		Leader
	Md.Abdul Haque		Leader
	Md.Shahidul Islam		Leader
	Md.Abul Hossain		Leader
	Md.A.Rahman Khan		Speed Boat Driver
	Md. Nasir Uddin		Driver
	Md.Abu AL Hossain		Driver
	Md. Anamul Kobir		Driver
	Sujan Hossain		Faireman
	Humayan Kabir		Faireman
	Bhuyain		
	Md. Ahsan Habib		Faireman
	Md. Jakir Hossain		Faireman
	Md.Khalilur Rahman		Faireman
	Md.Kamrul Hasan		Faireman
	Md.Maruf Bilah		Faireman
	Md.Ibrahim Khalil		Nurshing attendant
	Md.Balayat Hossain		Faireman
	Ansari		

	Md.Joshim Uddin	Faireman
	Abdul Malek Mia	Faireman
	Md.Arifur Rahman	Faireman
	Md.Golam Swarowar	Faireman
	Halim Sardar	Faireman
	Md. Anowar Hossain	Faireman
	Md.Moshiur Rahman	Faireman
	Md. Nasir	Faireman
	Md.Johirul Islam	Faireman
	Dalowar Hossain	Faireman
	Masum Bilah	Faireman
	Md.Shahdat Hossain	Faireman
	Md.Shahdat Hossain	
	Md.Monirujjaman	Faireman
	Kokhon	
	Md.Mahabub Alom	Faireman
	Md.Hafizur Rahman	Faireman
	S M Nurujjaman	Faireman
	Md.Jahidul Islam	Faireman
Bawfol Upazila	Mr.Abu yusuf Panna	S.P.
	Md.Salim Mia	Leader
	Md.Sarowar Hossain	Driver
	Md. Josim Uddin	Driver
	Khan	
	Md.A.Barek Ha.	Driver
	Md.A.Khalek Ha.	Faireman
	Md.Khan Mamun	Faireman
	Md.Salim	Faireman
	Md.Ziaul Haque	Faireman

Md.Alauddin	Faireman
Md.Abul Kalam	Faireman
Md.Amir Hossain	Faireman
Md.Jahirul Islam	Faireman
Sayed Md.Nasir	Faireman
Saimun Islam	Faireman
Md.Monirujjaman	Faireman
Md.Nasir Pathan	Faireman

Source: Fire Service and Civil Defense Office, Patuakhali

Engine Boat

Name of the Upazila	Responsible person	Mob No	Remark
Kolapara	Md.Jamal Gazi	01746667273	
Kolapara	Md.Auwual Gazi	01754490034	
Potuakhali Sadar	Md.Abul Hossain	01762593422	
Potuakhali Sadar	Md.Joynal Ha.	01743917080	
GolaChipa	Md.A.Majid	01685770748	
GolaChipa	Md.Farid	01725439401	
Rangabali	Md.Bashir Hawlader	01726524874	
Rangabali	Md.Limon Gazi	01738166770	
Doshomina	Md.Alamín Sarder	01736831529	
MirjaGonj	Md.Kamrul Gazi	01791080478	
Dhumki	Md. Dalowar Hossain	01748247785	
Bawfol	Md. Iqbal Hossain	01734686580	

Source: KII and FGD

Annexure- 5:

Patuakhali district at a glance:

1	Name of the district	Patuakhali
2	Origin/declare date as a	1st January 1969

	district	
3	Geographical status	22°19'60" N and 90°19'60" E
4	Area	3220.15 sq. km
5	Area demarks	North: Barishal district, South: Barguna district & Bay of Bangle, East: Bhola district & river Tetulia & West: another part of Barguna district
6	Number & name of the upazila/sub-district	Total 8 upazila (Patuakhali Sadar, Mirzaganj, Dumki, Bawfal, Dashomina, Golachipa, Kolapara, Rangabali)
7	Number & name of Pawrashova	Total 5 Pawrashova (Patuakhali, Golachipa, Bawfal, Kolapara, Kuakata)
8	Number & name of Thana/police station	Total police station 8 Patuakhali Sadar, Mirzaganj, Dumki, Bawfal, Dashomina, Golachipa, Kolapara, Rangabali)
9	Number of union parishad	72
10	Constituency	Total 4 constituency 1. Constituency 113 (Patuakhali-1, Patuakhali Sadar, Dumki & Mirzaganj) 2. Constituency 114 (Patuakhali-2 & Bawfal) 3. Constituency 115 (Patuakhali-3, part of Golachipa & Dashomina) 4. Constituency 116 (Patuakhali-4, Kolapara & part of Golachipa)
11	Name of the Member of Parliament (MP)	- Patuakhali-1: Adv. Md. Shajahan Mia (MP), State Minister, Ministry of Religious Affairs - Patuakhali-2: A.S. Mafiroz (MP), Whip of National Parliament - Patuakhali-3: Golam Mawla Roni (MP) - Patuakhali-4: Mahabubur Rahman Talukdar (MP), State Minister of Water resources Ministry
12	Number of Moujza	558

13	Number of village	882
14	Number of holding	221958
15	Tourist place	Kuakata sea beach, Kuakata Buddhist temple, Rakhain polli, Burial of Hazrat Earuddin Khalifa in Mirzaganj, Patuakhali Science & Technology University in Shonarchar under Dumki upazila
16	Population	15,57,137 (Male 788987 and female 768150)
17	Annual average temperature	33.3 ⁰ C (Highest) & 12.1 ⁰ C (Lowest)
18	Annual rainfall	25.06 mm
19	Average water height (maximum upper level)	2.85 miter
20	Average height from sea level	3 to 3.5 miter
21	Main rivers	Lohalia, Lawkathi, Payra, Lebukhali, Andharmanik, Agunmukha, Burigourango, Tetulia
22	Education rate	65%
23	University of Science & Technology	1
24	Govt. College	2
25	Polytechnic Institute	1
26	Vocational Institute	2
27	Primary Teacher Training Institute	1
28	Nursing Institute	1
29	Non Govt. College	32
30	Law College	1
31	Homeopathic College	1
32	Govt. Secondary School	2
33	Non Govt. Secondary School	295

34	Govt. Primary School	582
35	Register Primary School	519
36	Madrasha	284
37	Mosque	3893
38	Temple	490
39	Pagoda	8
40	Church	-
41	Flood control and irrigation project	36
42	Length of total embankment	1,334 km (WDB 1,280 + LGED 54)
43	Regulator (small & big)	672
44	Area of district town	12.66 sq. km.
45	Total land area	5,63,487 acre
46	Khash land	92,862.01 acre
47	Distributed khash land to the landless people for agriculture	87,342.53 acre
48	Maintainable agriculture land	4060.70 acre
49	Maintainable non-agriculture land	75.5050 acre
50	Forest area	150,000 acre
51	Total residential project	74
52	Residential project (implemented)	56
53	Residential project (construction on going)	17 (waiting to rehabilitate 1,410 family)
54	Number of family (rehabilitated)	2,287
55	Model village	51

56	Number of shelter home (Asroyon) project	18
57	Union health complex	47
58	Cyclone center	208
59	Dargah	3
60	Mazar	9
61	Model village (implemented)	38

River	Total 20 river (Andharmanik, Purbo Sonatola, Tiakhali, Lohalia, Lawkathi, Payra, Lebukhali, Agun mukha, Burigourango, Tetulia)
Canal	563
Bil (big canal)	-
Haor (bowl shape water land area)	-
Pond	1,35,068
Bounded water area	-
Deep tube-well	Functional- 4095 and non functional- 143
Shallow tube-well	-
Manual tube-well (hand tube-well)	-

(Source: DPHE, Patuakhali)

Source: www.patuakhali.gov.bd

Annex-6

Some important programs schedule of Radio Bangladesh.

Radio Center	Name of the Program	Time schedule	Day
	Krishi Shomachar	Sokal 6.00-7.00	EveryDay
	Shukher Thikana	Sokal 7.25-7.30	EveryDay
	Health Is Wealth	Sokal 11.30-12.00	FriDay

Dhaka-ka	Sonali Fashol	Shondha 6.05-6.35	EveryDay
	Abohaowa barta	Shondha 6.50-7.00	EveryDay
Chittagong	Krishi kotha	Sokal 6.55-7.00	EveryDay
	Krishi Khamar	Shondha 6.10-6.50	EveryDay-Gaps With Monday
	Shukhi Songsar	Rat 8.10-8.30	EveryDay-Gaps With Friday
Rajshahi	KhetKhamar Shamacher	Sokal 6.55-7.00	EveryDay
	Shobuj Bangla	Shondha 6.05-6.50	EveryDay
Khulna	Data Of Health	Sokal 6.55-7.00	EveryDay
	Krishi shamachar	Bikal 4.20-4.30	EveryDay
	Chashabad	Shondha 6.10-6.50	EveryDay
RongPur	Shukhar Thikana	Sokal 7.25-7.30	EveryDay
	Khet Khamare	Shondha 6.05-6.30	EveryDay
Shyllet	Ajker Chashabad	Sokal 6.10-6.50	EveryDay
	Shukher Thikana	Sokal 7.25-7.30	EveryDay
	Shamol Shyllet	Shondha 6.05-6.50	EveryDay-Gaps With Friday
ThakurGaon	Kishan Matir Desh	Shondha 6.05-6.25	Sat,Mon & Wed.Day
Cox'sBazar	Ajker Krishi	Bikal 3.07-3.10	EveryDay
	Sonali Prantor	Bikal 3.40-3.45	Tues & Thu.Day
BariShal	Krishi Kotha	Bikal 3.15-3.30	EveryDay-Gaps With Sat,&Wed.day
	Choto Paribar	Bikal 3.35-3.50	EveryDay-Gaps With Mon,Wed,&FriDay
Rangamati	Jibonar Jonno	Dupur 01.50-01.55	EveryDay
	Khamar Bari	Bikal 3.05-3.15	EveryDay

**The weather report is broadcast from all radio station at a time at 6:50 pm*

Anex-7

Short description of district/ Upzali Government, Non government, Primary, high school, Madrasha, Collage and Library.

School No	School/ Madrasha/Collage	Name	Students	Teachers	Upazila	School /Cyclone shelter (Capacity
1	Government	Majherpara Govt. Primary School	182	4	Kolapara		
2		Aiumpara Govt. Primary School	191	4	Kolapara	✓	200
3		Digorpara Baliyatoli Govt. Primary School	261	4		✓	200
4	Government	Boro Baliyatoli Govt. Primary School	372	6	Kolapara	✓	200
5	Government	Choto Baliyatoli Govt. Primary School	216	4	Kolapara	✓	200
6	Government	Kankunipara Govt. Primary School	185	Kolapara		✓	200
7	Government	Tulatuli-1 Govt. Primary School	368	4	Kolapara	✓	200
8	Government	Boiddho Para Govt. Primary School	183	4	Kolapara		100
9	Government	South East chotobaliyatoli Govt. Primary School	201	4	Kolapara		100
10	Government	West Digor Govt. Primary School	195	4	Kolapara		100
11	Government	Pokkhiapara Govt. Primary	231	4	Kolapara		100

	ent	School					
12	Government	North East Anipara Govt. Primary School	173	4	Kolapara		100
13	Government	Betmor Govt. Primary School	297	5	Kolapara	✓	200
14	Government	Chakmaiya Nishanbariya Govt. Primary School	247	6	Kolapara	✓	200
15	Government	East Chakmaiya Govt. Primary School	194	6	Kolapara	✓	200
16	Government	Gamuri buniya Govt. Primary School	212	3	Kolapara	✓	200
16	Government	North Chakmiya Govt. Primary School	130	3	Kolapara	✓	200
17	Government	Anipara Govt. Primary School	103	3	Kolapara		100
18	Government	East Gamuri Buniya Govt. Primary School	172	4	Kolapara		100
19	Government	West Chakmiya Govt. Primary School	123	4	Kolapara		100
20	Government	Amtola Govt. Primary School	178	4	Kolapara	✓	200
21	Government	Kathalpara Govt. Primary School	180	4	Kolapara		100
22	Government	KachemKhali Govt. Primary School	160	4	Kolapara		100
23	Government	South Chakmiya Guccogram Govt. Primary School	171	4	Kolapara		100
24	Government	Nowapara Govt. Primary School	181	4	Kolapara		100
25	Government	Dhankhali High A Govt. Primary School	242	5	Kolapara	✓	200

26	Government	Devpur Govt. Primary School	187	4	Kolapara	✓	200
27	Government	Eastpatuya Govt. Primary School	285	4	Kolapara	✓	200
28	Government	Dhankhali Board Govt. Primary School	175	3	Kolapara	✓	200
29	Government	Patuya Govt. Primary School	298	5	Kolapara	✓	200
30	Government	North East Chaltabuniya Govt. Primary School	175	4	Kolapara	✓	200
31	Government	South Devpur Govt. Primary School	253	6	Kolapara	✓	200
32	Government	South Golbuniya Govt. Primary School	193	4	Kolapara		100
33	Government	North Chaltabuniya Govt. Primary School	152	4	Kolapara	✓	200
34	Government	Golbuniya Govt. Primary School	184	3	Kolapara	✓	200
35	Government	Machuyakhali Govt. Primary School	185	4	Kolapara		100
36	Government	Moddho Patuyakhali Govt. Primary School	184	4	Kolapara	✓	200
37	Government	East Devpur Govt. Primary School	181	5	Kolapara		100
38	Government	Moddho Machuyakhali Govt. Primary School	152	4	Kolapara		100
39	Government	Kapravanga Hazikanda Govt. Primary School	164	4	Kolapara		100
40	Government	North Khapravanga Govt. Primary School	248	5	Kolapara	✓	200

41	Government	Meherpur Govt. Primary School	228	4	Kolapara	✓	200
42	Government	Dalbugonj Govt. Primary School	261	5	Kolapara	✓	200
43	Government	Fulbuniya Govt. Primary School	171	4	Kolapara	✓	200
44	Government	RosulPur Govt. Primary School	140	4	Kolapara	✓	200
45	Government	South Khapravanga Govt. Primary School	224	4	Kolapara		100
46	Government	Payerpur Amena Khatun Govt. Primary School	143	4	Kolapara		100
47	Government	Borkutiya Govt. Primary School	180	4	Kolapara		100
48	Government	Dalbugonj bazar Govt. Primary School	183	4	Kolapara		100
49	Government	Khachaopara Govt. Primary School	181	4	Kolapara		100
50	Government	Chor Nishanbaria Govt. Primary School	180	4	Kolapara		100
51	Government	Morichbuniya Govt. Primary School	138	3	Kolapara	✓	200
52	Government	Daser Haowla Govt. Primary School	132	3	Kolapara		100
53	Government	Nishanbaria Govt. Primary School	126	4	Kolapara		100
54	Government	Dhankhali Govt. Primary School	155	5	Kolapara	✓	200
55	Government	Giltola Govt. Primary School	167	3	Kolapara	✓	200
56	Government	Londa Govt. Primary School	146	3	Kolapara		100

57	Government	West Dhankhali Govt. Primary School	180	3	Kolapara	✓	200
48	Government	South Chaltabuniya Govt. Primary School	249	6	Kolapara		100
59	Government	Nishanbariya Mshuyakhali Govt. Primary School	187	4	Kolapara	✓	200
50	Government	North Nishanbariya Govt. Primary School	193	4	Kolapara		100
61	Government	Pachjunia Govt. Primary School	183	4	Kolapara		100
62	Government	South Dhankhali Shaleha Govt. Primary School	186	4	Kolapara	✓	200
63	Government	North East Londa Govt. Primary School	124	4	Kolapara	✓	200
	Government	Moddho Pachjunia Govt. Primary School	185	4	Kolapara	✓	200
64	Government	Moddho Dhankhali Govt. Primary School	140	4	Kolapara	✓	200
65	Government	South Londa Hasem Ali Govt. Primary School	189	4	Kolapara	✓	200
66	Government	East Londa Govt. Primary School	151	5	Kolapara		100
6	Government	Chapli Bazar Govt. Primary School	296	4	Kolapara		100
68	Government	Dhulshar Govt. Primary School	451	6	Kolapara	✓	200
69	Government	OnontoPora Govt. Primary School	334	5	Kolapara	✓	200
70	Government	Chorcapli Govt. Primary School	495	6	Kolapara	✓	200
71	Government	Notunpara Govt. Primary School	189		Kolapara		100

	ent						
72	Government	Noyakata Ebtadai Madrsha	120		Kolapara		100
73	Government	Chor Dhulashar Govt. Primary School	209		Kolapara	✓	200
74	Government	Boltoli Govt. Primary School	223		Kolapara		100
75	Government	Boltoli Sayedpur Govt. Primary School	179		Kolapara		100
76	Government	Bedkata Para Govt. Primary School	189		Kolapara		100
77	Government	Laluya Board Govt. Primary School	77	3	Kolapara		100
78	Government	Laluya Rahim Uddin Govt. Primary School6	450	6	Kolapara	✓	200
79	Government	Charipara Govt. Primary School	324	6	Kolapara	✓	200
80	Government	ChanduPara Govt. Primary School	346	4	Kolapara	✓	200
81	Government	Noyapara momana khatun Govt. Primary School	176	4	Kolapara		100
82	Government	Meherunnesa Govt. Primary School	183	4	Kolapara		100
83	Government	SayedGazi Govt. Primary School	215	4 ^{***}	Kolapara		100
84	Government	LaLuya HatKhola Govt. Primary School	334	4	Kolapara		100
85	Government	ChorCandupara Govt. Primary School	215	4	Kolapara		100
86	Government	Doskani Govt. Primary School	334	4	Kolapara		100

87	Government	Bonatipara Govt. Primary School	255	4	Kolapara		100
88	Government	West Hasna Para Govt. Primary School	178	4	Kolapara		100
89	Government	Panjupara Govt. Primary School	179	4	Kolapara		100
90	Government	Onjupara Lota Capli Govt. Primary School	155	4	Kolapara		100
91	Government	Lota Capli Govt. Primary School	190	4	Kolapara		100
92	Government	Musollibad Govt. Primary School	198	5	Kolapara		100
93	Government	Azimpur Govt. Primary School	494	9	Kolapara	✓	200
94	Government	Mistripara Govt. Primary School	304	6	Kolapara	✓	200
95	Government	Khazura Govt. Primary School	248	6	Kolapara	✓	200
96	Government	Kuakata Sharifpur Govt. Primary School	355	5	Kolapara	✓	200
97	Government	Hosanpara Govt. Primary School	225	6	Kolapara		100
98	Government	Taherpur Govt. Primary School	211	4	Kolapara		100
99	Government	East Kocchoppara Govt. Primary School	195	4	Kolapara		100
100	Government	Lokkipara Islampur Govt. Primary School	198	4	Kolapara		100
101	Government	Tultuli-3 Govt. Primary School	242	4	Kolapara	✓	200
102	Government	PowroGoja Govt. Primary School	242	4	Kolapara		100

103	Government	Rosulpur Govt. Primary School	186	3	Kolapara		100
104	Government	Might Danga Al-mamun Govt. Primary School	297	4	Kolapara		100
105	Government	Amjedpur Govt. Primary School	185	5	Kolapara	✓	200
106	Government	West Diyar Amkhola Govt. Primary School	176	4	Kolapara		100
107	Government	Hatempur Govt. Primary School	372	4	Kolapara	✓	200
108	Government	Fashipur Govt. Primary School	180	4	Kolapara	✓	200
109	Government	Tultuli-2 Govt. Primary School	324	4	Kolapara		100
110	Government	East Modhukhali Govt. Primary School	385	4	Kolapara	✓	200
111	Government	West Modukhali Govt. Primary School	216	4	Kolapara		100
112	Government	Mithagonj Govt. Primary School	184	5	Kolapara		100
113	Government	Chorpara Pokkhipara Govt. Primary School	210	4	Kolapara	✓	200
114	Government	Golbuniya Govt. Primary School	124	3	Kolapara	✓	200
115	Government	Tagachiya Govt. Primary School	138	3	Kolapara	✓	200
116	Government	Chorpara Safakhali Govt. Primary School	74	3	Kolapara		100
117	Government	Aramgonj Govt. Primary School	348	6	Kolapara		100

118	Government	Monohorpur Govt. Primary School	195	4	Kolapara	✓	200
119	Government	Nizampur Govt. Primary School	183	4	Kolapara	✓	200
120	Government	Mowazzampur Govt. Primary School	237	5	Kolapara	✓	200
121	Government	Lotifpur Govt. Primary School	315	5	Kolapara	✓	200
122	Government	Shirajpur Govt. Primary School	225	5	Kolapara	✓	200
123	Government	Mohipur Govt. Primary School	151	3	Kolapara	✓	200
124	Government	Shudirpur Govt. Primary School	267	5	Kolapara		100
125	Government	South Komorpur Govt. Primary School	538	9	Kolapara		100
126	Government	Niz Shiv Bariya Govt. Primary School	243	4	Kolapara		100
127	Government	Kolapara Govt. Primary School	251	4	Kolapara	✓	200
128	Government	Mongol Shukh Govt. Primary School	236	4	Kolapara	✓	200
129	Government	Rahmatpur K G A Govt. Primary School	202	6	Kolapara	✓	200
130	Government	Razendra Proshad Govt. Primary School	548	15	Kolapara		100
131	Government	Badurtoli Kolony Govt. Primary School	306	7	Kolapara		100
132	Government	Nachnapara Bashonti Mondol Govt. Primary School	198	4	Kolapara		100
133	Government	West Kumirmara Govt. Primary	166	4	Kolapara		100

	ent	School					
134	Government	Nobipur Govt. Primary School	215	4	Kolapara	✓	200
135	Government	Nilgonj Govt. Primary School	161	4	Kolapara	✓	200
136	Government	Faridgonj Govt. Primary School	156	4	Kolapara		100
137	Government	Gamaraitola Govt. Primary School	292	6	Kolapara		100
138	Government	Pakhimara Govt. Primary School	267	5	Kolapara		100
139	Government	Amirabad Govt. Primary School	121	3	Kolapara	✓	200
140	Government	Mostofapur Govt. Primary School	188	5	Kolapara		100
141	Government	South Dowlotpur Govt. Primary School	252	5	Kolapara	✓	200
142	Government	Fatehpur Govt. Primary School	140	3	Kolapara		100
143	Government	West Hazipur Govt. Primary School	210	4	Kolapara	✓	200
144	Government	Akkelpur Govt. Primary School	272	4	Kolapara		100
145	Government	Tungibariya Govt. Primary School	357	7	Kolapara	✓	200
146	Government	South Goiyatola Govt. Primary School	252	3	Kolapara		100
147	Government	Loskorpur Govt. Primary School	215	4	Kolapara	✓	200
148	Government	East Sonatola Govt. Primary School	168	4	Kolapara	✓	200

149	Government	Umedpur Govt. Primary School	187	5	Kolapara	✓	200
150	Government	West Sonatola Hamedia Madrsha	189	5	Kolapara		100
151	Government	Sultangonj Govt. Primary School	140	4	Kolapara		100
152	Government	Nizkata R K Govt. Primary School	88	9	Kolapara		100
153	Government	Islampur Govt. Primary School	168	4	Kolapara		100
154	Government	Adompur Govt. Primary School	173	4	Kolapara		100
155	Government	Uttor Taherpur Govt. Primary School	167	4	Kolapara		100
156	Government	Anjupara TiyaKhali Govt. Primary School	172	4	Kolapara		100
157	Government	Badurtoli-2 Govt. Primary School	175	4	Kolapara	✓	200
158	Government	South Tiakhali-2 Govt. Primary School	160	4	Kolapara	✓	200
159	Government	Atbariya Govt. Primary School	240	5	Kolapara	✓	200
160	Government	South Tiakhali -1 Govt. Primary School	131	3	Kolapara		100
161	Government	Moddho Tiakhali Govt. Primary School	119	4	Kolapara		100
162	Government	Badurtoli-1 Govt. Primary School	194	4	Kolapara		100
163	Government	North Tiakhali Govt. Primary School	133	4	Kolapara		100
164	Government	West Tiakhali Govt. Primary School	153	4	Kolapara		100

165	Government	48-No. Rangabali High/A Govt. Primary School	427	6	Kolapara	✓	250
166	Government	51-No. Amli Bariya Govt. Primary School	200	4	Rangabali		100
167	Government	53-No. North Kazir Hawla Govt. Primary School	219	4	Rangabali	✓	250
168	Government	54-No. Rangabali Baherchor Govt. Primary School	294	4	Rangabali	✓	250
169	Government	Rangabali Niz Haowla Govt. Primary School	279	4	Rangabali	✓	250
170	Government	Rangabali Govt. Primary School	127	3	Rangabali		100
171	Government	49-No. Kaciyabuniya Govt. Primary School	430	5	Rangabali	✓	250
172	Government	Rangabali Shaleha Govt. Primary School	357	4	Rangabali	✓	250
173	Government	Shamudhafot Govt. Primary School	297	4	Rangabali	✓	250
174	Government	47-No. Gongipara Govt. Primary School	431	4	Rangabali	✓	250
175	Government	57-No. Posuribuniya Govt. Primary School	433	4	Rangabali	✓	250
176	Government	Chaltbuniya Govt. Primary School	536	6	Rangabali	✓	250
177	Government	West Golbiniya Govt. Primary School	160	3	Rangabali		100
178	Government	78-no. Chinabuniya Govt. Primary School	203	3	Rangabali		100
179	Government	ChorMontaz Govt. Primary School	573	6	Rangabali	✓	250
180	Government	Noya Vanguni Govt. Primary School	460	6	Rangabali	✓	250
181	Government	Fulkhali Govt. Primary School	155	3	Rangabali		100

	ent						
182	Government	65-no.fulkhali Govt. Primary School	283	4	Rangabali	✓	250
183	Government	60-no.Choto Baisda Govt. Primary School	275	4	Rangabali	✓	250
184	Government	Holdiakhali Govt. Primary School	238	4	Rangabali	✓	250
185	Government	Kawkhali Govt. Primary School	403	6	Rangabali	✓	250
186	Government	59-No. Chaltabuniya Govt. Primary School	406	6	Rangabali	✓	250
187	Government	65-No.Gohinkhali Govt. Primary School	251	4	Rangabali	✓	250
188	Government	51-No.Tungibariya Govt. Primary School	305	4	Rangabali	✓	250
189	Government	Katakhali Govt. Primary School	205	4	Rangabali	✓	250
190	Government	40-No.Felabuniya Govt. Primary School	174	3	Rangabali		100
191	Government	45-No.Digra Govt. Primary School	237	4	Rangabali	✓	250
192	Government	41-No. Gabbuniya Govt. Primary School	260	4	Rangabali	✓	250
193	Government	West Moudubi High/A Govt. Primary School	305	4	Rangabali	✓	250
194	Government	44-No.Moudubi Mukhor Banda Govt. Primary School	312	4	Rangabali	✓	250
195	Government	46-no. Moudubi Kazikanda Govt. Primary School	443	6	Rangabali	✓	250
196	Government	23-No. Gondadul Govt. Primary School	322	4	Rangabali	✓	250
197	Government	38-No.East Neta A H M Govt. Primary School	222	4	Rangabali	✓	250

198	Government	Rosul Baria Govt. Primary School	200	4	Rangabali		100
199	Government	24-No. South Kazir Haowla Govt. Primary School	260	4	Rangabali	✓	250
200	Government	Jugir Haowla Govt. Primary School(New)	226	4	Rangabali	✓	250
201	Government	UttorCaltabunia Govt. Primary School(New)	279	4	Rangabali	✓	250
202	Government	East Chor Montaz Govt. Primary School(New)	177	3	Rangabali		100
203	Government	Chor And Govt. Primary School(New)	253	4	Rangabali	✓	250
204	Government	North Chor Montaz Govt. Primary School(New)	309	5	Rangabali	✓	250
205	Government	Chor Laxmi Govt. Primary School(New)	289	4	Rangabali	✓	250
206	Government	South Chor Rustom Govt. Primary School(New)	233	4	Rangabali	✓	250
207	Government	Chorbestin Govt. Primary School(New)	214	4	Rangabali	✓	250
208	Government	Koralia A Rahman Govt. Primary School(New)	606	6	Rangabali	✓	250
209	Government	29-No. Shojib Haowla	185	3	Rangabali		100
210	Government	North Choto Bishdiya Govt. Primary School(New)	181	3	Rangabali		100
211	Government	East Caltakhali Govt. Primary School(New)	209	4	Rangabali		100
212	Government	Shamchanda Govt. Primary School(New)	183	3	Rangabali		100
213	Government	Chor Gongga -1 Govt. Primary School(New)	249	4	Rangabali	✓	250

214	Government	Chor Gongga Govt. Primary School(New)	220	4	Rangabali	✓	250
215	Government	BoroBaishdia M Hakim Govt. Primary School(New)	296	4	Rangabali	✓	250
216	Government	Chatiyana para Govt. Primary School(New)	195	3	Rangabali		100
217	Government	Bailbuniya Govt. Primary School(New)	224	4	Rangabali	✓	250
218	Government	Moudubi Haowlader Kand Govt. Primary School(New)	297	4	Rangabali	✓	250
219	Government	Mokrumpara Govt. Primary School(New)	198	3	Rangabali		100
220	Government	South Caltabuniya Govt. Primary School(New)	201	4	Rangabali		100
221	Government	Vyar Haowla Govt. Primary School(New)	193	3	Rangabali		100
222	Government	North Choto Baishdia Govt. Primary School(New)	197	3	Rangabali		100
223	Government	North Kankunipara Govt. Primary School(New)	148	3	Rangabali		100
224	Government	Moddho Chor Montaz Govt. Primary School(New)	214	4	Rangabali		100
225	Government	Bailabuniya Govt. Primary School(New)	240	4	Rangabali		100
226	Government	North Chor Margaret Govt. Primary School(New)	240	4	Rangabali		100
227	Government	Noyar Chor Govt. Primary School(New)	312	4	Rangabali	✓	250
228	Government	North West Chor Montaz Govt. Primary School(New)	313	4	Rangabali	✓	250
229	Government	Modhukhali Govt. Primary School(New)	291	4	Rangabali	✓	250

230	Government	Moddho Chor Gonga Govt. Primary School(New)	224	4	Rangabali	✓	250
231	Government	Majneta Govt. Primary School(New)	229	4	Rangabali	✓	250
232	Government	MajerChor Govt. Primary School(New)	165	3	Rangabali		100
233	Government	South Shamudafat Govt. Primary School(New)	234	4	Rangabali	✓	250
234	Government	Mujibaria Govt. Primary School(New)	171	3	Rangabali		100
235	Government	53-No.Golachipa Girl's Govt. Primary School(New)	190	3	Rangabali		100
236	Government	54-No.Golachipa Girl's Govt. Primary School	765	7	Rangabali	✓	250
237	Government	55-No. Rotobdi Polli Unnoyon Govt. Primary School	451	4	Rangabali	✓	250
238	Government	40-No.Uttor Chorkhali Govt. Primary School	562	6	Rangabali	✓	250
239	Government	43-No.South Chorkhali Govt. Primary School	322	4	Galachipa		100
240	Government	46-No.West Pokkhia Govt. Primary School	286	4	Galachipa		100
241	Government	41-No.Rotobdi Govt. Primary School	222	4	Galachipa		100
242	Government	44-No.Boyalia Govt. Primary School	316	4	Galachipa		100
243	Government	42-No. Muradnagar Govt. Primary School	324	4	Galachipa		100
244	Government	45-No.Kalikapur Govt. Primary School	206	4	Galachipa		100
245	Government	6-No.Algi Tofalbaria Govt. Primary School	393	5	Galachipa		100
246	Government	7-no.West Algi Tofalbaria Govt.	390	4	Galachipa		100

	ent	Primary School					
247	Government	9-No.South Bauria Govt. Primary School	285	4	Galachipa		100
248	Government	1-No.Niz Shuhri Govt. Primary School	310	4	Galachipa		100
249	Government	8-No.East Baubaria Govt. Primary School	200	3	Galachipa		100
250	Government	4-No.Uttor Amkhola Govt. Primary School	345	4	Galachipa	✓	250
251	Government	10-No.Amkhola Govt. Primary School	480	5	Galachipa		100
252	Government	2-No.Badurahat Govt. Primary School	369	4	Galachipa		100
253	Government	3-No.Soilabuniya Govt. Primary School	674	7	Galachipa	✓	250
254	Government	5-No.Amkhola hat Govt. Primary School	220	4	Galachipa		100
255	Government	11-No.North West Amkhola Govt. Primary School	517	5	Galachipa		100
256	Government	16-No.Chor Suhri Govt. Primary School	321	4	Galachipa		100
257	Government	15-No.Golkhali Govt. Primary School	308	4	Galachipa		100
258	Government	24-No.West Golkhali Govt. Primary School	207	3	Galachipa		100
259	Government	20-No.South Golkhali Govt. Primary School	266	4	Galachipa		100
260	Government	21-No.BoroMollah Govt. Primary School	285	4	Galachipa		100
261	Government	15-No.Shuhri Govt. Primary School	183	3	Galachipa		100
262	Government	16-No.Kalir Chor Govt. Primary School	283	4	Galachipa		100

263	Government	71-No.North Golkhali Govt. Primary School	208	3	Galachipa		100
264	Government	23-No.Horidevpur Govt. Primary School	215	3	Galachipa		100
265	Government	26-No.Chor Badura Govt. Primary School	620	7	Galachipa		100
266	Government	22-No.South Bolbuniya Govt. Primary School	261	4	Galachipa		100
267	Government	17-No.West Noluyabagi Govt. Primary School	203	3	Galachipa		100
268	Government	22-No.Noluyabagi Board Govt. Primary School	104	3	Galachipa		100
269	Government	62-No.Papotti High/A Govt. Primary School	384	4	Galachipa		100
270	Government	63-No.Panpotti Kazikanda Govt. Primary School	374	4	Galachipa	✓	250
271	Government	59-No.North West Panpotti Govt. Primary School	234	4	Galachipa		100
272	Government	57-No.Tultuli Panpotti Govt. Primary School	158	3	Galachipa		100
273	Government	60-No.East Panpotti Govt. Primary School	246	4	Galachipa		100
274	Government	61-No.Nubiya Panpotti Govt. Primary School	109	3	Galachipa	✓	250
275	Government	58-No.Panpotti Board Govt. Primary School	190	3	Galachipa		100
276	Government	102-No.South Chonkhol Govt. Primary School	267	4	Galachipa		100
277	Government	109-No.South Lamna Govt. Primary School	227	4	Galachipa		100
278	Government	112-No.East Lamna Govt. Primary School	231	4	Galachipa		100
279	Government	108-No.North Chonkhol Govt.	338	4	Galachipa		100

	ent	Primary School					
280	Government	Patabuniya High/A Govt. Primary School	196	3	Galachipa		100
281	Government	Atkhali Govt. Primary School	332	4	Galachipa	✓	250
282	Government	Hogolboniya Govt. Primary School	294	4	Galachipa		100
283	Government	Moddha Dakuya Govt. Primary School	153	3	Galachipa		100
284	Government	Dakuya Board Govt. Primary School	317	4	Galachipa		100
285	Government	Nizamul Chotra Govt. Primary School	257	4	Galachipa		100
286	Government	East par dakuya v Govt. Primary School	317	4	Galachipa		100
287	Government	Westpara Dakuya Govt. Primary School	280	4	Galachipa		100
288	Government	Moddho Para Dhakuya Govt. Primary School	218	4	Galachipa		100
289	Government	84-No.Moddho Rotobdi Taltoli Govt. Primary School	280	4	Galachipa		100
290	Government	86-No.South Ulanoiya Govt. Primary School	335	4	Galachipa		100
291	Government	87-No.South East Ulania Govt. Primary School	165	3	Galachipa		100
292	Government	88-No.Gramadro Govt. Primary School	298	4	Galachipa		100
293	Government	89-No. Ulania Hat Govt. Primary School	172	3	Galachipa		100
294	Government	90-No.Patabunia Govt. Primary School	584	5	Galachipa	✓	250
295	Government	85-No.Rotobdi Taltoli Govt. Primary School	230	3	Galachipa		100

296	Government	91-No.Chiknikandi Govt. Primary School	406	5	Galachipa	✓	250
297	Government	Shutabaria Govt. Primary School	260	4	Galachipa		100
298	Government	Shutabaria Sarkel Govt. Primary School	225	3	Galachipa		100
302	Government	Kotakhali Govt. Primary School	90	3	Galachipa		100
303	Government	Pankhali Govt. Primary School	174	3	Galachipa		100
304	Government	KochuyaHat Govt. Primary School	297	4	Galachipa		100
305	Government	Kalaraja Govt. Primary School	112	3	Galachipa		100
306	Government	132-No.North Kollankolosh Govt. Primary School	158	3	Galachipa		100
307	Government	131-N0.Kolagachiya Govt. Primary School	175	3	Galachipa		100
308	Government	133-No.Bashbaria Govt. Primary School	303	4	Galachipa		100
309	Government	103-No. Kharijjama Govt. Primary School	160	3	Galachipa		100
310	Government	135-No.Golabaria Govt. Primary School	334	4	Galachipa		100
311	Government	134-No.North West Bashbaria Govt. Primary School	200	3	Galachipa		100
312	Government	129-No.kollnkolos Govt. Primary School	162	3	Galachipa		100
313	Government	146-no. Ichadi Board Govt. Primary School	161	3	Galachipa	✓	250
314	Government	148-No.North Ichadi Govt. Primary School	391	4	Galachipa		100
315	Government	96-No.Chor Chandail Govt.	119	3	Galachipa		100

	ent	Primary School					
316	Government	149-No.Gozalia hat Govt. Primary School	304	4	Galachipa		100
317	Government	150-No.Baherogjalia Govt. Primary School	236	3	Galachipa		100
318	Government	Moddho Chor Bisshawas Govt. Primary School	252	4	Galachipa		100
319	Government	East Chor Bissawas Govt. Primary School	585	5	Galachipa	✓	250
320	Government	South Chor Bissawas Govt. Primary School	448	4	Galachipa	✓	250
321	Government	Chor Agusti Govt. Primary School	379	4	Galachipa	✓	250
322	Government	Moddho chor Kazol Govt. Primary School	306	4	Galachipa		100
323	Government	North Chor Kopal Govt. Primary School	241	3	Galachipa		100
324	Government	115-No.Choto kazol Govt. Primary School	445	4	Galachipa		100
325	Government	Shivar Chor Govt. Primary School	423	4	Galachipa		100
326	Government	119-No. Chor Kopal Vera Govt. Primary School	635	5	Galachipa	✓	250
327	Government	56-No.Golachipa Dakuya Adrsha Govt. Primary School	646	5	Galachipa	✓	250
328	Government	48-No.Uttor Pokkhia Govt. Primary School	349	4	Galachipa		100
329	Government	52-No.East Rotobdi Govt. Primary School	230	3	Galachipa		100
330	Government	47-No. South Kalikapur Govt. Primary School(New)	165	3	Galachipa		100
331	Government	56-No.East Bowalia Govt. Primary School(new)	204	3	Galachipa		100

332	Government	50-No.Londa Govt. Primary School(New)	184	3	Galachipa		100
333	Government	51-No.Bowalia Govt. Primary School(New)	178	3	Galachipa		100
334	Government	12-No.Dori BaherChor Govt. Primary School(NEW)	304	4	Galachipa		100
335	Government	13-No.kaloikishor Govt. Primary School(New)	216	3	Galachipa		100
336	Government	14-No.South East Bashbuniya Govt. Primary School(New)	214	3	Galachipa		100
337	Government	5-No.East Kalichor Govt. Primary School(New)	200	3	Galachipa		100
338	Government	31-No.Golkhali Halima Khatun Govt. Primary School(New)	245	3	Galachipa		100
339	Government	33-No.Choto Goboya Govt. Primary School(New)	167	3	Galachipa		100
340	Government	38-no.South Choto gabuya Polli Develop Govt. Primary School(New)	157	3	Galachipa		100
341	Government	29-No. Boro gabuya Polli Develop Govt. Primary School(New)	181	3	Galachipa		100
342	Government	30-No.Boro gabuya Govt. Primary School(New)	216	3	Galachipa		100
343	Government	34-No.Weast Golkhali Govt. Primary School(New)	152	3	Galachipa		100
344	Government	37-No.South East Golkhali Govt. Primary School(New)	167	3	Galachipa		100
345	Government	28-No.West Badura Somobay Govt. Primary School(New)	124	3	Galachipa		100
346	Government	32-No.East Naluyabagi Govt. Primary School(New)	151	3	Galachipa		100
347	Government	36-No.Moddho Balaibaniya Govt.	168	3	Galachipa		100

	ent	Primary School(New)					
348	Government	67-No.Guptar Haowla Govt. Primary School(New)	166	3	Galachipa		100
349	Government	65-No.Panpotti Seneior Haowla Govt. Primary School(New)	125	3	Galachipa		100
350	Government	68-No. East Panpotti Govt. Primary School(New)	134	3	Galachipa		100
351	Government	64-No.Bidhir Haowla Govt. Primary School(New)	136	3	Galachipa		100
352	Government	69-No.South Panpotti Khadira Govt. Primary School(New)	144	3	Galachipa		100
353	Government	70-No.West Tularam Govt. Primary School(New)	129	3	Galachipa		100
354	Government	66-No.West Panpotti Govt. Primary School(New)	212	3	Galachipa		100
355	Government	North Ptabuniya Govt. Primary School(New)	145	3	Galachipa		100
357	Government	Moddho Chonkhola Govt. Primary School(New)	156	3	Galachipa		100
358	Government	Sayedkathi VDC Govt. Primary School(New)	272	4	Galachipa		100
359	Government	South Patabuniya Govt. Primary School(New)	169	3	Galachipa		100
360	Government	121-No.Guabaria Govt. Primary School(New)	166	3	Galachipa		100
361	Government	Dowani Potuakhali Govt. Primary School(New)	180	3	Galachipa		100
362	Government	Moddho Guwabaria MollaBari Govt. Primary School(New)	106	3	Galachipa		100
363	Government	128-No.North East Dowani Potuakhali Govt. Primary School(New)	120	3	Galachipa		100
364	Government	South Hogolbuniya Govt.	115	3	Galachipa		100

	ent	Primary School(New)					
365	Government	Moddho Atkhali Govt. Primary School(New)	121	3	Galachipa		100
366	Government	Fulkhali Govt. Primary School(New)	129	3	Galachipa		100
367	Government	Choto Chatra Govt. Primary School(New)	231	3	Galachipa		100
368	Government	Northpara Dakuya Govt. Primary School(New)	161	3	Galachipa		100
369	Government	91-No. Manik Chand Govt. Primary School(New)	219	3	Galachipa		100
370	Government	92-No. Vaiyer Haowla Govt. Primary School(New)	159	3	Galachipa		100
371	Government	93-No. Chayani Govt. Primary School(New)	198	3	Galachipa		100
372	Government	94-No. West Rotobdi Taltoli Govt. Primary School(New)	196	3	Galachipa		100
373	Government	95-No. North West Ulania Govt. Primary School(New)	164	3	Galachipa		100
374	Government	96-No. Tatibuniya Govt. Primary School(New)	186	3	Galachipa		100
375	Government	Mazgram Progoti Govt. Primary School(New)	248	4	Galachipa		100
376	Government	105-No. East Sutabaria Govt. Primary School(New)	238	3	Galachipa		100
377	Government	111-No. East Kotkhali Govt. Primary School(New)	134	3	Galachipa		100
378	Government	East Mazgrame Govt. Primary School(New)	133	3	Galachipa		100
379	Government	South East Mazhgrame Govt. Primary School(New) Govt. Primary School(New)	96	3	Galachipa		100
380	Government	Mazhgrame Govt. Primary	110	3	Galachipa		100

	ent	School(New)					
381	Government	East Pankhali Govt. Primary School(New)	96	3	Galachipa		100
382	Government	South pankhali Govt. Primary School(New)	112	3	Galachipa		100
383	Government	North Kochuya Govt. Primary School(New)	122	3	Galachipa		100
384	Government	East Kalaraja Govt. Primary School(New)	200	3	Galachipa		100
385	Government	Moddho Kalajara Govt. Primary School(New)	172	0	Galachipa		100
386	Government	South Kalajara Govt. Primary School(New)	130	0	Galachipa		100
387	Government	136-No.Weat KollanKolosh Govt. Primary School(New)	106	0	Galachipa		100
388	Government	139-No.East Kollankolosh Govt. Primary School(New)	170	0	Galachipa		100
389	Government	143-No. Kollankolosh B R Balika Govt. Primary School(New)	159	0	Galachipa		100
390	Government	137-No.West Bashbaria Doribad Govt. Primary School(New)	168	0	Galachipa		100
391	Government	138-No.South Kolagachiya Govt. Primary School(New)	185	0	Galachipa		100
392	Government	141-No. Moddho KOLagaChiya Govt. Primary School(New)	137	0	Galachipa		100
393	Government	144-No.Jhatibuniya Govt. Primary School(New)	146	0	Galachipa		100
394	Government	145-No. South East Kolagachiya Govt. Primary School(New)	183	0	Galachipa		100
395	Government	142-No.Moddho Bashbariuya Govt. Primary School(New)	233	0	Galachipa		100
396	Government	East Bashbariya Govt. Primary	141	0	Galachipa		100

	ent	School(New)					
397	Government	154-No.East Horidevpur Govt. Primary School(New)	190	0	Galachipa		100
398	Government	152-No.Moddho Horidevpur Govt. Primary School(New)	128	0	Galachipa		100
399	Government	71-No.South Horidevpur v	240	0	Galachipa		100
400	Government	151-No. North Baher Gojalia Govt. Primary School(New)	211	0	Galachipa		100
	Government	28-No.North east Gojalia Govt. Primary School(New)	185	0	Galachipa		100
401	Government	South West Chor Bissawash Govt. Primary School(New)	249	4	Galachipa		100
402	Government	North Chor Bissawsh Govt. Primary School(New)	182	0	Galachipa		100
403	Government	South Chor Bissawsh Govt. Primary School(New)	185	0	Galachipa		100
404	Government	171-No.East Chor Agonti Govt. Primary School(New)	358	4	Galachipa		100
405	Government	KobirajPara Govt. Primary School(New)	252	4	Galachipa		100
406	Government	North Choto Kajol Govt. Primary School(New)	229	3	Galachipa		100
407	Government	Choto Chor Shiva Govt. Primary School(New)	168	3	Galachipa		100
408	Government	North Boro Chor Kajol Govt. Primary School(New)	315	4	Galachipa		100
409	Government	Boro Shiva Jonotabazar Govt. Primary School(New)	234	3	Galachipa		100
410	Government	North East Boro Shiva Hazirhat Govt. Primary School(New)	275	3	Galachipa		100
412	Government	Moddho Choto Shiva Govt. Primary School(New)	261	4	Galachipa		100

413	Government	186-No.North Bowalia Govt. Primary School(New)	435	4	Galachipa	✓	250
414	Government	Bashbuniya Govt. Primary School(New)	248	3	Galachipa		100
415	Government	Bokulbariya Govt. Primary School(New)	181	3	Galachipa		100
416	Government	185-No.East Horidevpur Govt. Primary School(New)	163	3	Galachipa		100
417	Government	Weast Chor Kajol Govt. Primary School(New)	155	3	Galachipa		100
418	Government	Chor Bangla Adarsha Govt. Primary School(New)	175	3	Galachipa		100
419	Government	175-No.South east Noluyabagi Govt. Primary School(New)	252	4	Galachipa		100
420	Government	Chonkhola agreeeni Govt. Primary School(New)	225	3	Galachipa		100
421	Government	131-No. Udayan Govt. Primary School(New)	211	3	Galachipa		100
422	Government	Alhaz Shamsuddin Molla Govt. Primary School(New)	171	3	Galachipa		100
423	Government	180-No.Moddho Sauder Hauwla Govt. Primary School(New)	182	3	Galachipa		100
424	Government	North Lamna Govt. Primary School(New)	43	3	Galachipa		100
425	Government	East Bashbariya Govt. Primary School(New)	179	3	Galachipa		100
426	Government	175-No.South east Noluyabagi Govt. Primary School(New)	198	3	Galachipa		100
427	Government	West Patabuniya Govt. Primary School(New)	215	3	Galachipa		100
428	Government	Boroshiv Govt. Primary School(New)	221	3	Galachipa		100
429	Government	Chor Horidevpur Govt. Primary	82	3	Galachipa		100

	ent	School(New)					
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Annex-8

List of the safety places in the diistrict

Cyclone shelter	Name	Upazila	capability	Remark
Clay fort/Flood Shelter	Clay fort of Nowapara	Kolapara	250	Usable
	Clay fort of Kachemkhali	Kolapara	250	Usable
	Clay fort of Purbo Badurtoli Darogar Bad	Kolapara	200	Unusable
	Clay fort of Purbo Badurtoli Lamiopara Hazi Yasmin Sorok	Kolapara	200	Usable
	Clay fort near Purbo TiyaKhali Altaf Paddho Bari	Kolapara	200	Unusable
	Chandupara Clay fort	Kolapara	200	Usable
	Nowapara Clay fort	Kolapara	200	Unusable
	Taherpur Clay fort	Kolapara	200	Usable
	Clay fort of Nobipur	Kolapara	100	Usable
	West Sonatola Clay fort	Kolapara	110	Unusable
	Kumirmara Clay fort	Kolapara	120	Unusable
	Clay fort of Goiatola	Kolapara	150	Unusable
	Ucefpur Clay fort	Kolapara	300	Unusable
	Sherajpur Clay fort	Kolapara	300	Usable
	Khazura Kanchon Ali Hawlder Bari Songlogno Clay fort	Kolapara	2500	Usable
	Choto Baliatoli Clay fort	Kolapara	250	Usable
	BoiddhoPara Clay fort	Kolapara	250	Usable
	Sonapara Clay fort	Kolapara	250	Usable
	Nolbuniya Clay fort	Kolapara	250	Usable
	Taherpur Clay fort	Kolapara	250	Unusable

	Khapravanga Clay fort	Kolapara	250	Usable
	Mirpurpur Clay fort	Kolapara	300	Usable
School Come Shelter	Amtola Reg.Pri.School	Kolapara	300	Usable but lacke of sufficient latrine and tubewell
	High.Chakamia Govt.Pri.School	Kolapara	300	Usable
	Gamuriya Govt. Pri. School	Kolapara	300	Usable but lacke of sufficient latrine and tubewell
	Purbo Chakmia Cyclone Centre	Kolapara	300	Usable
	Betmor Karitas cyclone Centre	Kolapara	300	Usable but lacke of sufficient latrine and tubewell
	Betmor Secondary School	Kolapara	300	Usable
	Nishan Bariya Govt. Pri.School	Kolapara	300	Usable
	Kathalpara Govt.Pri.School	Kolapara	300	Usable
	Moddho TiaKhali Govt.Pri.School	Kolapara	300	Usable
	Eatbaria Govt.Pri.School	Kolapara	300	Usable
	Nachnapara Karitash Sheltre	Kolapara	300	Usable
	Chandupara Cyclone Sheltre	Kolapara	300	Usable but lacke of sufficient

				latrine and tubewell
	Chandupara Cyclone Sheltre	Kolapara	300	Usable
	Monjupara Cyclone Sheltre	Kolapara	300	Usable
	Jonota Secondary School	Kolapara	300	Usable but lacke of sufficient latrine and tubewell
	Laluya Union Porishodh Cyclone Sheltre	Kolapara	300	Usable
	ChariPara Cyclone Shelter	Kolapara	300	Usable
	Nowapara Cyclone Sheltre	Kolapara	300	Unusable
	Uttor Laluya Cyclone Sheltre	Kolapara	300	Unusable
	Chonkol Cyclone Sheltre	Kolapara	300	Unusable
	S.K.J.B.Secondery School	Kolapara	300	Unusable
	Chandu Para Govt. Pri. School	Kolapara	300	Unusable
	Tagachiya Govt.Pri. School Cyclone Shelter	Kolapara	300	Unusable
	Golbuniya Govt.Pri. School Cyclone Shelter	Kolapara	300	Unusable
	Purbo Modhukhali Secondary School	Kolapara	300	Usable
	Majidbariya Ashar alo	Kolapara	300	Usable but lacke

	aMoshjid come Cyclone Shelter			of sufficient latrine and tubewell
	Akkelpur Cyclone Sheltre	Kolapara	300	Unusable
	Saderpur Front Of RoupChand House Cyclone Sheltre	Kolapara	300	Unusable
	West Hazipur Cyclone Sheltre Kam Secondary School	Kolapara	300	Unusable
	Loskor Secondary School	Kolapara	300	Unusable
	Dowlotpur Secondary School	Kolapara	300	Unusable
	Amirabad Secondary School	Kolapara	300	Unusable
	Umadpur Secondary School	Kolapara	300	Unusable
	Pakimara PB Secondary School kam Cyclone Centre	Kolapara	300	Unusable
	Tongibaria Govt. Pri School kam Cyclone Centre	Kolapara	300	Need to repaiur
	Najibpur Khalgora Madrsha Kam Cyclone Center	Kolapara	300	Usable
	Mohipur Govt. Pri. School kam Cyclone Centre	Kolapara	300	Usable
	Serajpur Govt. Pri School	Kolapara	300	Unusable

	kam Cyclone Centre			
	Nijampur Govt. Pri School kam Cyclone Centre	Kolapara	300	Unusable
	Monohorpur Govt. Pri School kam Cyclone Centre	Kolapara	300	Usable but lacke of sufficient latrine and tubewell
	Moajjam Govt. Pri School kam Cyclone Centre	Kolapara	300	Usable
	Lotifpur Govt. Pri School kam Cyclone Centre	Kolapara	300	Useable but Don't Have Available Tubewell & Latrien
	Misripara Govt. Pri School kam Cyclone Centre	Kolapara	300	Useable
	Tultuli Reg. Govt. Pri School kam Cyclone Centre	Kolapara	300	Unuseable
	Tultuli Member Bari Songlogno Cyclone Centre	Kolapara	300	Useable
	Punamapara Cyclone Sheltre	Kolapara	300	Need to repaiur
	Azimpur Cyclone Centre	Kolapara	300	Useable
	Mu:Bad Govt. Pri. School	Kolapara	300	UnUseable
	Gora Amkhola Cyclone Centrer	Kolapara	300	Usable but lacke of sufficient

				latrine and tubewell
	Amzedpur Reg.Pri.School	Kolapara	300	Useable
	Nowapara Komi Madrasha	Kolapara	300	UnUseable
	Hatempur Reg. Pri. School	Kolapara	300	Useable
	Hatempur Reg. Pri. School	Kolapara	300	Useable
	Farshipara Reg. Pri. School	Kolapara	300	UnUseable
	Sharifpur Reg. Pri. School	Kolapara	300	Useable
	Khazura Govt. Pri. School	Kolapara	300	UnUseable
	Khazura Cyclone centre	Kolapara	300	Don't Have Useable, Available Tubewell & Latrien.
	LotaCapoli Uni. Porishod Comp.Bavan	Kolapara	300	Useable
	Mombipara Sotsongo Mondir	Kolapara	300	Useable
	Pachjunia DhanKhali Secandrey Schoolk	Kolapara	300	Don't Have Useable, Available Tubewell & Latrien.
	South Calitabuniya Govt. Pri. School	Kolapara	300	Useable

Londa HafizUddin Secondary School	Kolapara	300	Useable
NishanBariya dakhil Madrsha	Kolapara	300	Don't Have Useable,Available Tubewell & Latrien.
Dhankhali Tachnical & B M College	Kolapara	300	Useable
Gazi Mannan & Hafizia Balika	Kolapara	300	Useable
MachuyaKhali Reg.Pri.School	Kolapara	300	Useable
MorichBuniya Red Cresent Society	Kolapara	300	Don't Have Useable,Available Tubewell & Latrien.
Chor Dhulasar Cyclone Centre	Kolapara	300	Useable
Purbo Dhulasar Cyclone Centre	Kolapara	300	Useable
Purbo Dhulasar School Kam Cyclone Centre	Kolapara	300	Useable
West Dhulasar Karitash Cyclone Centre	Kolapara	300	Don't Have Useable,Available Tubewell & Latrien.
West Dhulasar School Kam Cyclone Centre	Kolapara	300	Useable
Onontopara Cyclone Centre	Kolapara	300	Useable

Onontopara School Kam Cyclone Centre	Kolapara	300	Useable
ChorChapoli Govt. Pri. School Kam Cyclone Centre	Kolapara	300	Don't Have Useable, Available Tubewell & Latrien.
Dhulasar Union Porishod Kam Cyclone Centre	Kolapara	300	Useable
Chorchapoli Islamia Sec.School Kam Cyclone Centre	Kolapara	300	Useable
Chorongomoti Karitash Cyclone Centre	Kolapara	300	Don't Have Useable, Available Tubewell & Latrien.
Notunpara Govt. Pri. Sec.Kam Cyclone Centre	Kolapara	300	Useable
South Choto Baliyatoli Reg. Pri.School Kam Cyclone centre	Kolapara	300	Don't Have Useable, Available Tubewell & Latrien.
Aiumpara Govt.Pri. School Kam cyclone Centre	Kolapara	300	Useable
Tultuli Sec. School Kam Cuclone Centre	Kolapara	300	Useable
Digor Baliyatoli Govt.Pri.School Kam Cyclone centre	Kolapara	300	Useable
Chor Baliyatoli Reg.Pri.School	Kolapara	300	Useable

	West Dighor Baliyatoli Reg.Pri.School	Kolapara	300	Useable
	Boro Baliyatoli Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Don't Have Useable,Available Tubewell & Latrien.
	Kankuni Reg.Pri.School Kam Cyclone Center	Kolapara	300	Useable
	Pokkhipara Cyclone Centre	Kolapara	300	Useable
	DalbuGonj Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Useable
	Maherpur Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Don't Have Useable,Available Tubewell & Latrien.
	Rosulpur Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Useable
	Fulpur Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Useable
	North KhapraparaVangha Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Useable
	Montashtoli Govt.Pri.School Kam Cyclone Centre	Kolapara	300	Don't Have Available Tubewell & Latrien.
	North East Patuya Sec. School Kam Cyclone Centre	Kolapara	300	Useable

	Patuya Al-Amin Sec. School Kam Cyclone Centre	Kolapara	300	Useable
	Moddho Patuya Reg.Pri. School Kam Cyclone Centre	Kolapara	300	Useable
	GolBuniya Reg. Pri. School Kam Cyclone Centre	Kolapara	300	Useable
	MashuyaKhali Board Govt. School Kam Cyclone Centre	Kolapara	300	Useable
	North Calitabuniya Reg. Pri.School	Kolapara	300	Useable
	North Debpur Govt.Pri. School Kam Cyclone Centre	Kolapara	300	Useable
	South Debpur Govt.Pri. School Kam Cyclone Centre	Kolapara	300	Don't Have Available Tubewell & Latrien.
	North Chaltabuniya Govt. Pri. School Kam Cyclone Centre	Kolapara	300	Useable
	MU Songlongno Govt. Pri. School Kam cyclone centre	Kolapara	300	Don't Have Available Tubewell & Latrien.
	Tagachiya Sec. Pri. School Kam cyclone centre	Kolapara	300	Useable

	Amtola Reg. Pri. School			Usable but lacke of sufficient latrine and tubewell
	East Panpotti Cyclone Centre	Golachipa	250	Well
	North Panpotti Cyclone Centre	Golachipa	250	Well
	Panpotti High School Kam Cyclone Centre	Golachipa	250	Need to repair
	Panpotti Cyclone Centre	Golachipa	250	Well
	South east Ulaniya Cuclone Centre	Golachipa	250	Well
	Rotonodi Taltoli Sec. School Kam Cyclone centre	Golachipa	250	Well
	Moddho Rotonodi Govt. Pri. School Kam Cyclone centre	Golachipa	250	Under reparing
	Ulaniya High School& Collage Kam Cyclone Centre	Golachipa	250	Under construction
	Patabuniya Govt. Pri. School Kam Cyclone Centre	Golachipa	250	Well
	Moddho ChorKajol Cyclone Centre	Golachipa	250	Under reparinggi
	Kopalbera Cyclone Centre	Golachipa	250	Under reparing
	BoroShiva Cyclone	Golachipa	250	Well

	Centre			
	ChotoShiva Cyclone Centre	Golachipa	250	Well
	Chorkajol Sec. School Kam Cyvclone Center	Golachipa	250	Well
	Choragonti Cyclone Centre	Golachipa	250	Repairable
	Chorbassawsh Cyclone Centre	Golachipa	250	Repairable
	Kobiraj para Cyclone Centre	Golachipa	250	Repairable
	Kolagachiya Cyclone Centre	Golachipa	250	Repairable
	Kharijjama Degree Collage Kam Cyclone Centre	Golachipa	250	Repairable
	North East Bashbariya Cyclone Centre	Golachipa	250	Repairable
	North Kollan Kolash Cyclone Centre P,W,D,	Golachipa	250	Repairable
	North Kollan Kolash Cyclone Centre P,W,D,	Golachipa	250	Repairable
	Bawfol Collage Songlogno Cyclone Centre	Bawfol	250	Not well
	Dhandi Cyclone Centre	Bawfol	250	Not well
	Kolaiya Cyclone Centre	Bawfol	250	Not well
	Shoila Cyclone Centre	Bawfol	250	Not well
	Chor Ray Shaheb Reg.Pri.School Kam	Bawfol	250	Well

	Cyclone Centre			
	Dhandi Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	East Modonpura Rerg. Pri.School Kam Cyclone Centre	Bawfol	250	well
	Amirabad Govt.Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Modonpura Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Kayna Bashbariya Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bilbilash Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Hosnabad Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	East Khajurbariya Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Korpurkathi Islamia Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Ashuri Hat Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well

	Boga Adarsha Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Shabupura Reg. Pri.School Kam Cyclone Centre	Bawfol	250	well
	North Mominpur Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Moddho Mominpura Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Parer Hat Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Dhuliya Govt.. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bawfol Saleha Fazil Madrsha Kam Cyclone Centre	Bawfol	250	Well
	Bilbilash Seinior Madrasha Kam Cyclone Centre	Bawfol	250	Well
	Kolaiya Robbaniya Seinior Madrasha Kam Cyclone Centre	Bawfol	250	Well
	TaterKathi Dakhil Madrasha Kam Cyclone Centre	Bawfol	250	Well
	MohaSaraddhi Seinior Madrasha Kam Cyclone Centre	Bawfol	250	Well

	Kachipara Govt. Pri.School Kam Cyclone Centre	Bawfol	250	well
	ChotroKanda Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Shahid Jalal Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	AnarRoshiya Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	KaliShuri Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Dholapara Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Rajpur Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Kobirkathi Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	West Chitka Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	P: Singharakathi Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Dhuliya N K Govt.	Bawfol	250	well

	Pri.School Kam Cyclone Centre			
	Aloky Donvan Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Ayla Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Kolta Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Zilna Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	KarKhana Dighirpar Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Manderban Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Chor Roghunathadi Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Konkodiya S S Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bawfol DashPara Model Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bawfol Adarsha Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bawfol Nuriya Govt.	Bawfol	250	well

	Pri.School Kam Cyclone Centre			
	Bibilash -2 Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Goshinga Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Chandrapara Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Modonpura Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	North Dipasha Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Rajnagar Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	North Shabupura Rajnagar Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Shabupura Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	BamoniKathi Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	South Koikhali Reg.Pri.School Kam	Bawfol	250	Well

	Cyclone Centre			
	Shanessar Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Nuraiyanpur Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	West Indrokul Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	East Indrakul Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Mominpur Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	South Kashobpur Akramia Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Moli Koduba Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Buiyan Hat Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	South Mohasraddhi Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	West Madhobpur Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well

	Botkajol Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Moddho Botkajol Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Moddho Nowmala Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	West Botkajol Khan Bari Reg. Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Boro Dalima Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Chor Owadel Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Kolaiya Self depend Reg. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	East Kolaiya Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	North Shoila Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	South Shoila Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Chor Owadel Reg	Bawfol	250	Well

	Pri.School Kam Cyclone Centre			
	Kolaiya Board Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	North East Modonpura Govt. Pri.School Kam Cyclone Centre	Bawfol	250	Well
	Bajamahal Bohunukhi Sec.School Kam Cyclone Sheltre	Bawfol	250	Well
	North Badura Govt. Pri.School Kam Cyclone Centre	Potuakhali Sadar	250	Useable
	South Badura Govt. Pri.School Kam Cyclone Centre	Potuakhali Sadar	250	Useable
	East Auwliapur Govt. Pri.School Kam Cyclone Centre	Potuakhali Sadar	250	Useable
	PayraKunjo Private Pri.School Kam Cyclone Centre	Potuakhali Sadar	250	Need to repair
	North Dhorandhi Govt. Pri.School Kam Cyclone Centre	Potuakhali Sadar	250	Well
	Pangashiya Nachaeria Govt. Pri.School Songlgno Cyclone Centre	Dhumki	250	Well
	Pangashiya Aliya	Dhumki	250	Well

	Madrsha Songlno Cyclone Centre			
	ShreeRampur Dhumki Islamia Fazil Madrasha Songlno Cyclone Centre	Dhumki	250	Well
	Dhumki Debirchor Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well
	Chor Boyra Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well
	Dhumki AK Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well
	Muradiya High School Songlno Cyclone Centre	Dhumki	250	Well
	North Muradiya Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	well
	Muradiya Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well
	West Lebukhali Sontosdi Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well
	Dhumki Satani Govt. Pri.School Songlno Cyclone Centre	Dhumki	250	Well

	Patachor Cyclone Centre	Doshomina	250	Well
	Joita Cyclone Centre	Doshomina	250	Well
	Chorborhan Cyclone Centre	Doshomina	250	Well
	North RonoGopaldi Rotary Club Vs Cyclone centre	Doshomina	250	Well
	Auwliapur Commuinity Centre Cyclone centre	Doshomina	250	Well
	Chandpura (Modhupura) Cyclone centre	Doshomina	250	Well
	Khalishakhali Cyclone centre	Doshomina	250	Well
	Betagi Cyclone centre	Doshomina	250	Well
	Katakali Cyclone centre	Doshomina	250	Well
	Bashbariya Cyclone centre	Doshomina	250	well
	West Alipura Govt. Pri.School Vs Cyclone Centre	Doshomina	250	Well
	Sayed Jafor Govt. Pri.School Songlno Cyclone Centre	Doshomina	250	Well
	Dosmina Adampur Govt. Pri.School Songlno Cyclone Centre	Doshomina	250	Well
	Laxmipur Govt. Pri.School Songlno Cyclone Centre	Doshomina	250	Well
	Moddho Bashbariya	Doshomina	250	Well

	Cyclone centre			
	Gachoni Govt. Pri.School Songlgno Cyclone Centre	Doshomina	250	Well
	Ronogopaldi Hat Govt. Pri.School Songlgno Cyclone Centre	Doshomina	250	Well
	Chorborhan Cyclone Centre	Doshomina	250	Well
	Subidakhalib R K Balika Sec. School Kam Cyclone Centre	Doshomina	250	Well
	Kakrabuniya Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well
	Rampur Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well
	Kaowyuabuniya Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well
	Kathaltoli Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well
	Shontosshpur Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well
	Mojidbariya Govt. Pri.School Songlgno Cyclone Centre	Mirzagonj	250	Well

	North Bajita Govt. Pri.School Songlno Cyclone Centre	Mirzagonj	250	Well
	East Anduwa Govt. Pri.School Songlno Cyclone Centre	Mirzagonj	250	Well
	Subidkhali Model Govt. Pri.School Songlno Cyclone Centre	Mirzagonj	250	Well
	East Sree nagar Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Coita Adarsha Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	South Gazi Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Chor chailabuniya Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	East Gotokar Anduwa Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	West Gotokar Anduwa Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Bazita 1 st Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Koromjabuniya Reg.Pri.School Kam	Mirzagonj	250	Well

	Cyclone Centre			
	South Amragachiya Reg.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Chotra Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Rampur Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Ranipur Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Jhatibuniya Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	North Amragachiya Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Voyaing Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Chailabuniya Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Chorkhali Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	North Gotokar Anduowa Govt.Pri.School Kam Cyclone Centre	Mirzagonj	250	Well
	Gotokar Anduowa Salehia Fazil Madrasha Kam Cyclone Centre	Mirzagonj	250	Well

	Rampur Siddikiya Fazil Madrasha Kam Cyclone Center	Mirzagonj	250	Well
	Rangabali BahaerChor Maddhomik School Kam Cyclone Centre	Rangabali	250	Well
	Rangabali BahaerChor Ha/A Govt.School Kam Cyclone Centre	Rangabali	250	Well
	East BahaerChor Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Kazir Haowla Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Niz Haowla Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Poshrubuniya Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	KachiyabuniyaSec.School Kam Cyclone Centre	Rangabali	250	Well
	Kachiyabuniya Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Gazipara Govt.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Samudabad Mridha Barir Songlogno Cyclone Centre	Rangabali	250	Well

	SamudaBad Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Jugir Hawla Reg.Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Netachaleha Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Amlibariya Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Chorgonga Cyclone Kam Cyclone Centre	Rangabali	250	Well
	West Gabbuniya Dakhil Madrsha Songlogno Kam Cyclone Centre	Rangabali	250	Well
	Chatiya Napara Cyclone Kam Cyclone Centre	Rangabali	250	Well
	Moudubi High School Songlogno Cyclone Kam Cyclone Centre	Rangabali	250	Well
	A Halim Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Gabobuniya Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Felabuniya Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well

	Tungibariya Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	North Chorgonga Reg. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Moudubi Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Chorgonga Reg. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Katakhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Chotobaushdiya Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	West KauwKhali Reg. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	West KauwKhali Community Pri.School Kam Cyclone Centre	Rangabali	250	Well
	61-no,KauwKhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Horidrakhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Gohikhali Govt.	Rangabali	250	Well

	Pri.School Kam Cyclone Centre			
	Nowavangoni Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Nowavangoni Lowest sec. School Kam Cyclone Centre	Rangabali	250	Well
	North Fulkhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Suth Fulkhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Chatlikhali Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Choranda Govt. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	Chormondaas Siddikiya Dakhil Madrasha KIam Cyclone Centre	Rangabali	250	Bad
	North Chormondas Reg. Pri.School Kam Cyclone Centre	Rangabali	250	Well
	East ChorLaxmi Reg. Pri. School Kam Cyclone centre	Rangabali	250	Well
	Chormondas Govt. Pri.School Kam Cyclone	Rangabali	250	Well

	Centre			
	Chalita Buniya Cyclone Centre	Rangabali	250	Well
	Golbuniya Cyclone centre	Rangabali	250	Well
	Chinabuniya cyclone centre	Rangabali	250	Well
	Chalitabuniya Madrasha Kam cyclone Centre	Rangabali	250	Well
	South Chalitabuniya cyclone Centre	Rangabali	250	Well
	Aiumpara Govt. Pri.School	Rangabali	250	Well
	Digorpara Baliyatoli Govt. Pri.school	Kolapara	200	Useable.
	Boro Baliyatoli Govt. Pri.school	Kolapara	200	Useable.
	Choto Baliyatoli Govt. Pri.school	Kolapara	200	Useable.
	Kankuni Govt. Pri.school			
	Tultuli-1 Govt. Pri.school	Kolapara	200	Useable.
	Betmor Govt. Pri.school	Kolapara	200	Useable.
	Chakamoiya Nishanbariya Govt. Pri.school			
	East Chakamaiya Govt. Pri.school	Kolapara	200	Useable.
	Gamuri buniya Govt. Pri.school	Kolapara	200	Useable.
	North Chakamaiya Govt. Pri.school	Kolapara	200	Useable.

	Amtola Govt. Pri.school	Kolapara	200	Useable.
	Kolapara	Kolapara	200	Useable.
	Devpur Govt. Pri.school	Kolapara	200	Useable.
	Purbopatuya Govt. Pri.school	Kolapara	200	Useable.
	Dhankhali Board Govt. Pri.school	Kolapara	200	Useable.
	Patuya Govt. Pri.school	Kolapara	200	Useable.
	North-East Caltabuniya Govt. Pri.school	Kolapara	200	Useable.
	South Devpur Govt. Pri.school	Kolapara	200	Useable.
	North Caltabuniya Govt. Pri.school	Kolapara	200	Useable.
	Golbuniya Govt. Pri.school	Kolapara	200	Useable.
	Moddho Patuowakhali Govt. Pri.school	Kolapara	200	Useable.
	North Khapravanga Govt. Pri.school	Kolapara	200	Useable.
	Maherpur Govt. Pri.school	Kolapara	200	Useable.
	DalbuGonj Govt. Pri.school	Kolapara	200	Useable.
	FulBuniya Govt. Pri.school	Kolapara	200	Useable.
	Rosulpur Govt. Pri.school	Kolapara	200	Useable.
	Morichbuniya Govt. Primary school	Kolapara	200	Useable.
	Dhankhali Govt. Primary	Kolapara	200	Useable.

	school			
	Gilatola Govt. Primary school	Kolapara	200	Useable.
	West Dhankhali Govt. Primary school	Kolapara	200	Useable.
	Nishanbariya Masduyakhali Govt. Primary school	Kolapara	200	Useable.
	South Dhankhali Govt. Primary school	Kolapara	200	Useable.
	North East Londa Govt. Primary school	Kolapara	200	Useable.
	Moddho Pachajuniya Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Moddho Dhankhali Govt. Primary school	Kolapara	200	Useable.
	North Londa Hasem Ali Govt. Primary school	Kolapara	200	Useable.
	Dhulasar Govt. Primary school	Kolapara	200	Useable.
	OnontoPara Govt. Primary school	Kolapara	200	Useable.
	ChorChapoli Govt. Primary school	Kolapara	200	Useable.
	Laluowa Rahim Uddin Govt. Primary school	Kolapara	200	Useable.
	Charipara Govt. Primary	Kolapara	200	Useable.

	school			
	Azimpur Govt. Primary school	Kolapara	200	Useable.
	Mistripara Govt. Primary school	Kolapara	200	Under repairing
	Khazura Govt. Primary school	Kolapara	200	Useable.
	Kuakata SharifPur Govt. Primary school	Kolapara	200	Useable.
	Tultuli -3 Govt. Primary school	Kolapara	200	Useable.
	Amzedpur Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Hatempur Govt. Primary school	Kolapara	200	Useable.
	Fashipara Govt. Primary school	Kolapara	200	Useable.
	East modhu Khali Govt. Primary school	Kolapara	200	Useable.
	Chorpara Pokkhipara Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Golbuniya Govt. Primary school	Kolapara	200	Useable.
	TagaChiya Govt. Primary school	Kolapara	200	Useable.
	Monohorpur Govt.	Kolapara	200	Useable.

	Primary school			
	Nizampur Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Moazzampur Govt. Primary school	Kolapara	200	Useable.
	Lotifpur Govt. Primary school	Kolapara	200	Useable.
	Sherajpur Govt. Primary school	Kolapara	200	Useable.
	Mohipur Govt. Primary school	Kolapara	200	Useable.
	Kolapara Govt. Primary school	Kolapara	200	Useable.
	Mongol Shukh Govt. Primary school	Kolapara	200	Nedded Useable Tubewell.
	Rahmotpur K.G.A. Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Nobipur Govt. Primary school	Kolapara	200	Useable
	Nilgonj Govt. Primary school	Kolapara	200	Useable
	Amirabad Govt. Primary school	Kolapara	200	Useable
	North Dowlotpur Govt. Primary school	Kolapara	200	Useable
	West Hazipur Govt.	Kolapara	200	Useable

	Primary school			
	Tungibariya Govt. Primary school	Kolapara	200	Useable
	Loskorpor Govt. Primary school	Kolapara	200	Useable
	East Sonatola Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Umedpur Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien
	Badurtoli-2 Govt. Primary school	Kolapara	200	Useable but Don't Have Available Tubewell & Latrien.
	North Tiyakhali -2 Govt. Primary school	Kolapara	200	Don't Have Available Tubewell & Latrien.
	Eatbariya Govt. Primary school	Kolapara	200	Don't Have Available Tubewell & Latrien.
	Hazipur Secondary School	Kolapara	200	Useable but lack of suffecient Tubewell & Latrien.
	Pakhimara P.V. Secondary School	Kolapara	200	Don't Have Available

				Tubewell & Latrien.
	Khapupara Nacheruddin Fazil Madrsha	Kolapara	200	Don't Have Available Tubewell & Latrien.
	Dowlotpur S Alim Madrsha	Kolapara	200	Don't Have Available Tubewell & Latrien.
Government/Private Institution				
Zila/Upazila Porishod Building	Zila Porishod	Patuakhali	1000	Useable but lack of suffecient Tubewell & Latrien.
	Potuakhali Sader Upazila Parishad	Patuakhali Sadar	600	Useable but lack of suffecient Tubewell & Latrien.
	Bawfol Upazila Parishad	Bawfol	600	Useable but lack of suffecient Tubewell & Latrien.
	MirzaGonj Upazila Parishad	Mirzagomj	600	Useable but lack of suffecient Tubewell & Latrien.
	Doshomina Upazila Parishad	Doshomina	600	Don't Have Available Tubewell & Latrien.

	Dhumki Upazila Parishad	Dumki	600	Useable but lack of sufficient Tubewell & Latrines.
	Golachipa Upazila Parishad	Golachipa	600	Useable but lack of sufficient Tubewell & Latrines.
	Rangabali Upazila Parishad	Rangabali	600	Useable but lack of sufficient Tubewell & Latrines.
	Kolapara Upazila Parishad	Kolapara	800	Useable but lack of sufficient Tubewell & Latrines.
High Road	<ul style="list-style-type: none"> Shapla khali ferouj matabbar's house to Islam pure road through Hawladars house road Shapla khali ferouj matabbar's house to Tehasia solaman's house Tegasia bazaar to North modhokhali Nire palooan's house 	Payuakhali Sader, Bauhfal, Mirza ganj, Dashmina, Dumki, Galachipa, Rangabali, Kalapara	Total Length of the road 11,230 km, (9823 km immature, HBB 400 km, Full grown 975 Km and carpeting 50km)	

	<ul style="list-style-type: none"> • Raisa khola bridge to baipara sluice gate. 		
	<ul style="list-style-type: none"> • Tegasia bridge to Jamai nagar Road 		
	<ul style="list-style-type: none"> • Aliganj lanch gaht to Tegasia bazaar through matin Sikdar road 		
	<ul style="list-style-type: none"> • Aliganj lanch gaht to Tegasia bazaar through matin Sikdar road 		
	<ul style="list-style-type: none"> • Shapur khea ghat to Tegasia Chouyrasta. 		
	<ul style="list-style-type: none"> • Aram ganj Riaj uddin Mridha's house to Ajij Sarders house road 		
	<ul style="list-style-type: none"> • Jamal howlader's house to West road WAPDA 		
	<ul style="list-style-type: none"> • Katakhalu sluice gate to Jhangir Baiati's house through Alaluddin's house 		
Embankment	In every Upazila of	Patuakhali	Total length of tnhe

	Patuakhali district there have a protected embankment. (total 3210 km)	sader,Bawfall, Mirzaganj, Dashmina Dumki Galachipa, Rangabaliu Kalapara	Embankments are 3210 km , average height-7 feet (Approximate)
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(Source: WDB, LGED & DRRO Office, Patuakhali)

Cyclone shelter	Name	Responsible person	Mob.No	Remark
Clay fort/Flood Shelter	Clay fort of Nowapara	No specific list of responsible person found for the respective work in district level. But during the information collection period in district level, it came to know from the DC and DRRO that those works is done by the	No specific list of responsible person found for the respective work in district level. But during the information collection period in district level, it came to know from the DC and DRRO that those works is done by the	Usable
	Clay fort of Kachemkhali			Usable
	Clay fort of Purbo Badurtoli Darogar Bad			Unusable
	Clay fort of Purbo Badurtoli Lamiopara Hazi Yasmin Sorok			Usable
	Clay fort near Purbo TiyaKhali Altaf Paddho Bari			Unusable
	Chandupara Clay fort			Usable
	Nowapara Clay fort			Unusable
	Taherpur Clay fort			Usable
	Clay fort of Nobipur			Usable
	West Sonatola Clay fort			Unusable
Kumirmara Clay fort	Unusable			

	Clay fort of Goiatola	UNO and PIO.	UNO and PIO	Unusable
	Ucefpur Clay fort			Unusable
	Sherajpur Clay fort			Usable
	Khazura Kanchon Ali Hawlater Bari Songlogno Clay fort			Usable
	Choto Baliatoli Clay fort			Usable
	BoiddhoPara Clay fort			Usable
	Sonapara Clay fort			Usable
	Nolbuniya Clay fort			Usable
	Taherpur Clay fort			Unusable
	Khpravanga Clay fort			Usable
	Mirpurpur Clay fort			Usable
School Come Shelter	Amtola Reg.Pri.School			No specific list of responsible person found for the respective work in district level. But during the information collection period in district level, it came to know from the DC and DRRO that those works is done by the UNO and PIO
	High.Chakamia Govt.Pri.School	Usable		
	Gamuriya Govt. Pri. School	Usable but lacke of sufficient latrine and tubewell		
	Purbo Chakmia Cyclone Centre	Usable		
	Betmor Karitas cyclone Centre	Usable but lacke of sufficient latrine and tubewell		
	Betmor Secondary School	Usable		

	Nishan Bariya Govt. Pri.School		Usable
	Kathalpara Govt.Pri.School		Usable
	Moddho TiaKhali Govt.Pri.School		Usable
	Eatbaria Govt.Pri.School		Usable
	Nachnapara Karitash Sheltre		Usable
	Chandupara Cyclone Sheltre		Usable but lacke of sufficient latrine and tubewell
	Chandupara Cyclone Sheltre		Usable
	Monjupara Cyclone Sheltre		Usable
	Jonota Secondary School		Usable but lacke of sufficient latrine and tubewell
	Laluya Union Porishodh Cyclone Sheltre		Usable
	ChariPara Cyclone Shelter		Usable
	Nowapara Cyclone Sheltre		Unusable
	Uttor Laluya Cyclone Sheltre		Unusable
	Chonkol Cyclone Sheltre		Unusable
	S.K.J.B.Secondery School		Unusable
	Chandu Para Govt. Pri. School		Unusable
	Tagachiya Govt.Pri. School Cyclone Shelter		Unusable
	Golbuniya Govt.Pri. School Cyclone Shelter		Unusable

	Purbo Modhukhali Secondary School		Usable
	Majidbariya Ashar alo aMoshjid come Cyclone Shelter		Usable but lacke of sufficient latrine and tubewell
	Akkelpur Cyclone Sheltre		Unusable
	Saderpur Front Of RoupChand House Cyclone Sheltre		Unusable
	West Hazipur Cyclone Sheltre Kam Secondary School		Unusable
	Loskor Secondary School		Unusable
	Dowlotpur Secondary School		Unusable
	Amirabad Secondary School		Unusable
	Umadpur Secondary School		Unusable
	Pakimara PB Secondary School kam Cyclone Centre		Unusable
	Tongibaria Govt. Pri School kam Cyclone Centre		Need to repaiur
	Najibpur Khalgora Madrsha Kam Cyclone Center		Usable
	Mohipur Govt. Pri. School kam Cyclone Centre		Usable
	Serajpur Govt. Pri School kam Cyclone Centre		Unusable
	Nijampur Govt. Pri School kam Cyclone Centre		Unusable
	Monohorpur Govt. Pri		Usable but lacke

	School kam Cyclone Centre		of sufficient latrine and tubewell
	Moajjam Govt. Pri School kam Cyclone Centre		Usable
	Lotifpur Govt. Pri School kam Cyclone Centre		Useable but Don't Have Available Tubewell & Latrien
	Misripara Govt. Pri School kam Cyclone Centre		Useable
	Tultuli Reg. Govt. Pri School kam Cyclone Centre		Unuseable
	Tultuli Member Bari Songlogno Cyclone Centre		Useable
	Punamapara Cyclone Sheltre		Need to repaiur
	Azimpur Cyclone Centre		Useable
	Mu:Bad Govt. Pri. School		UnUseable
	Gora Amkhola Cyclone Centrer		Usable but lacke of sufficient latrine and tubewell
	Amzedpur Reg.Pri.School		Useable
	Nowapara Komi Madrasha		UnUseable
	Hatempur Reg. Pri. School		Useable
	Hatempur Reg. Pri. School		Useable
	Farshipara Reg. Pri. School		UnUseable
	Sharifpur Reg. Pri. School		Useable
	Khazura Govt. Pri. School		UnUseable

	Khazura Cyclone centre		Don't Have Useable, Available Tubewell & Latrien.
	LotaCapoli Uni. Porishod Comp.Bavan		Useable
	Mombipara Sotsongo Mondir		Useable
	Pachjunia DhanKhali Secandrey Schoolk		Don't Have Useable,Availab le Tubewell & Latrien.
	South Calitabuniya Govt. Pri. School		Useable
	Londa HafizUddin Secondary School		Useable
	NishanBariya dakhil Madrsha		Don't Have Useable,Availab le Tubewell & Latrien.
	Dhankhali Tachnical & B M College		Useable
	Gazi Mannan & Hafizia Balika		Useable
	MachuyaKhali Reg.Pri.School		Useable
	MorichBuniya Red Cresent Society		Don't Have Useable,Availab le Tubewell & Latrien.

	Chor Dhulasar Cyclone Centre		Useable
	Purbo Dhulasar Cyclone Centre		Useable
	Purbo Dhulasar School Kam Cyclone Centre		Useable
	West Dhulasar Karitash Cyclone Centre		Don't Have Useable, Available Tubewell & Latrines.
	West Dhulasar School Kam Cyclone Centre		Useable
	Onontopara Cyclone Centre		Useable
	Onontopara School Kam Cyclone Centre		Useable
	ChorChapoli Govt. Pri. School Kam Cyclone Centre		Don't Have Useable, Available Tubewell & Latrines.
	Dhulasar Union Porishod Kam Cyclone Centre		Useable
	Chorchapoli Islamia Sec.School Kam Cyclone Centre		Useable
	Chorongomoti Karitash Cyclone Centre		Don't Have Useable, Available Tubewell & Latrines.
	Notunpara Govt. Pri. Sec.Kam Cyclone Centre		Useable

	South Choto Baliyatoli Reg. Pri.School Kam Cyclone centre		Don't Have Useable, Available Tubewell & Latrines.
	Aiumpara Govt.Pri. School Kam cyclone Centre		Useable
	Tultuli Sec. School Kam Cyclone Centre		Useable
	Digor Baliyatoli Govt.Pri.School Kam Cyclone centre		Useable
	Chor Baliyatoli Reg.Pri.School		Useable
	West Dighor Baliyatoli Reg.Pri.School		Useable
	Boro Baliyatoli Govt.Pri.School Kam Cyclone Centre		Don't Have Useable, Available Tubewell & Latrines.
	Kankuni Reg.Pri.School Kam Cyclone Center		Useable
	Pokkhipara Cyclone Centre		Useable
	DalbuGonj Govt.Pri.School Kam Cyclone Centre		Useable
	Maherpur Govt.Pri.School Kam Cyclone Centre		Don't Have Useable, Available Tubewell & Latrines.
	Rosulpur Govt.Pri.School Kam Cyclone Centre		Useable

Fulpur Govt.Pri.School Kam Cyclone Centre	Useable
North KhapraparaVangha Govt.Pri.School Kam Cyclone Centre	Useable
Montashtoli Govt.Pri.School Kam Cyclone Centre	Don't Have Available Tubewell & Latrien.
North East Patuya Sec. School Kam Cyclone Centre	Useable
Patuya Al-Amin Sec. School Kam Cyclone Centre	Useable
Moddho Patuya Reg.Pri. School Kam Cyclone Centre	Useable
GolBuniya Reg. Pri. School Kam Cyclone Centre	Useable
MashuyaKhali Board Govt. School Kam Cyclone Centre	Useable
North Calitabuniya Reg. Pri.School	Useable
North Debpur Govt.Pri. School Kam Cyclone Centre	Useable
South Debpur Govt.Pri. School Kam Cyclone Centre	Don't Have Available Tubewell & Latrien.
North Chaltabuniya Govt. Pri. School Kam Cyclone Centre	Useable

	MU Songlongno Govt. Pri. School Kam cyclone centre		Don't Have Available Tubewell & Latrien.
	Tagachiya Sec. Pri. School Kam cyclone centre		Useable
	Amtola Reg. Pri. School		Usable but lacke of sufficient latrine and tubewell
	East Panpotti Cyclone Centre		Well
	North Panpotti Cyclone Centre		Well
	Panpotti High School Kam Cyclone Centre		Need to repair
	Panpotti Cyclone Centre		Well
	South east Ulaniya Cuclone Centre		Well
	Rotonodi Taltoli Sec. School Kam Cyclone centre		Well
	Moddho Rotonodi Govt. Pri. School Kam Cyclone centre		Under reparing
	Ulaniya High School& Collage Kam Cyclone Centre		Under construction
	Patabuniya Govt. Pri. School Kam Cyclone Centre		Well
	Moddho ChorKajol Cyclone Centre		Under reparingigi
	Kopalbera Cyclone Centre		Under reparing
	BoroShiva Cyclone Centre		Well

ChotoShiva Cyclone Centre	Well
Chorkajol Sec. School Kam Cyclone Center	Well
Choragonti Cyclone Centre	Repairable
Chorbassawsh Cyclone Centre	Repairable
Kobiraj para Cyclone Centre	Repairable
Kolagachiya Cyclone Centre	Repairable
Kharijjama Degree Collage Kam Cyclone Centre	Repairable
North East Bashbariya Cyclone Centre	Repairable
North Kollan Kolash Cyclone Centre P,W,D,	Repairable
North Kollan Kolash Cyclone Centre P,W,D,	Repairable
Bawfol Collage Songlogno Cyclone Centre	Not well
Dhandi Cyclone Centre	Not well
Kolaiya Cyclone Centre	Not well
Shoila Cyclone Centre	Not well
Chor Ray Shaheb Reg.Pri.School Kam Cyclone Centre	Well
Dhandi Govt. Pri.School Kam Cyclone Centre	Well
East Modonpura Rerg. Pri.School Kam Cyclone Centre	well
Amirabad Govt.Pri.School	Well

	Kam Cyclone Centre		
	Modonpura Govt. Pri.School Kam Cyclone Centre		Well
	Kayna Bashbariya Govt. Pri.School Kam Cyclone Centre		Well
	Bilbilash Govt. Pri.School Kam Cyclone Centre		Well
	Hosnabad Govt. Pri.School Kam Cyclone Centre		Well
	East Khajurbariya Govt. Pri.School Kam Cyclone Centre		Well
	Korpurkathi Islamia Govt. Pri.School Kam Cyclone Centre		Well
	Ashuri Hat Reg. Pri.School Kam Cyclone Centre		Well
	Boga Adarsha Reg. Pri.School Kam Cyclone Centre		Well
	Shabupura Reg. Pri.School Kam Cyclone Centre		well
	North Mominpur Reg. Pri.School Kam Cyclone Centre		Well
	Moddho Mominpura Reg. Pri.School Kam Cyclone Centre		Well
	Parer Hat Reg. Pri.School		Well

	Kam Cyclone Centre		
	Dhuliya Govt.. Pri.School Kam Cyclone Centre		Well
	Bawfol Saleha Fazil Madrsha Kam Cyclone Centre		Well
	Bilbilash Senior Madrasha Kam Cyclone Centre		Well
	Kolaiya Robbaniya Senior Madrasha Kam Cyclone Centre		Well
	TaterKathi Dakhil Madrasha Kam Cyclone Centre		Well
	MohaSaraddhi Senior Madrasha Kam Cyclone Centre		Well
	Kachipara Govt. Pri.School Kam Cyclone Centre		well
	ChotroKanda Govt. Pri.School Kam Cyclone Centre		Well
	Shahid Jalal Govt. Pri.School Kam Cyclone Centre		Well
	AnarRoshiya Govt. Pri.School Kam Cyclone Centre		Well
	KaliShuri Board Govt. Pri.School Kam Cyclone Centre		Well
	Dholapara Govt. Pri.School		Well

	Kam Cyclone Centre		
	Rajpur Board Govt. Pri.School Kam Cyclone Centre		Well
	Kobirkathi Govt. Pri.School Kam Cyclone Centre		Well
	West Chitka Govt. Pri.School Kam Cyclone Centre		Well
	P: Singharakathi Govt. Pri.School Kam Cyclone Centre		Well
	Dhuliya N K Govt. Pri.School Kam Cyclone Centre		well
	Aloky Donvan Govt. Pri.School Kam Cyclone Centre		Well
	Ayla Govt. Pri.School Kam Cyclone Centre		Well
	Kolta Pri.School Kam Cyclone Centre		Well
	Zilna Govt. Pri.School Kam Cyclone Centre		Well
	KarKhana Dighirpar Reg. Pri.School Kam Cyclone Centre		Well
	Manderban Reg. Pri.School Kam Cyclone Centre		Well
	Chor Roghunathadi Reg.		Well

	Pri.School Kam Cyclone Centre		
	Konkodiya S S Reg. Pri.School Kam Cyclone Centre		Well
	Bawfol DashPara Model Govt. Pri.School Kam Cyclone Centre		Well
	Bawfol Adarsha Govt. Pri.School Kam Cyclone Centre		Well
	Bawfol Nuriya Govt. Pri.School Kam Cyclone Centre		well
	Bibilash -2 Govt. Pri.School Kam Cyclone Centre		Well
	Goshinga Pri.School Kam Cyclone Centre		Well
	Chandrapara Reg. Pri.School Kam Cyclone Centre		Well
	Modonpura Board Govt. Pri.School Kam Cyclone Centre		Well
	North Dipasha Govt. Pri.School Kam Cyclone Centre		Well
	Rajnagar Govt. Pri.School Kam Cyclone Centre		Well
	North Shabupura Rajnagar Govt. Pri.School Kam		Well

	Cyclone Centre		
	Shabupura Govt. Pri.School Kam Cyclone Centre		Well
	BamoniKathi Govt. Pri.School Kam Cyclone Centre		Well
	South Koikhali Reg.Pri.School Kam Cyclone Centre		Well
	Shanessar Govt. Pri.School Kam Cyclone Centre		Well
	Nuraiyanpur Govt. Pri.School Kam Cyclone Centre		Well
	West Indrokul Govt. Pri.School Kam Cyclone Centre		Well
	East Indrakul Govt. Pri.School Kam Cyclone Centre		Well
	Mominpur Govt. Pri.School Kam Cyclone Centre		Well
	South Kashobpur Akramia Govt. Pri.School Kam Cyclone Centre		Well
	Moli Koduba Govt. Pri.School Kam Cyclone Centre		Well
	Buiyan Hat Govt. Pri.School Kam Cyclone Centre		Well

	South Mohasraddhi Govt. Pri.School Kam Cyclone Centre		Well
	West Madhobpur Govt. Pri.School Kam Cyclone Centre		Well
	Botkajol Board Govt. Pri.School Kam Cyclone Centre		Well
	Moddho Botkajol Board Govt. Pri.School Kam Cyclone Centre		Well
	Moddho Nowmala Govt. Pri.School Kam Cyclone Centre		Well
	West Botkajol Khan Bari Reg. Govt. Pri.School Kam Cyclone Centre		Well
	Boro Dalima Govt. Pri.School Kam Cyclone Centre		Well
	Chor Owadel Govt. Pri.School Kam Cyclone Centre		Well
	Kolaiya Self depend Reg. Pri.School Kam Cyclone Centre		Well
	East Kolaiya Govt. Pri.School Kam Cyclone Centre		Well
	North Shoila Govt.		Well

	Pri.School Kam Cyclone Centre		
	South Shoila Govt. Pri.School Kam Cyclone Centre		Well
	Chor Owadel Reg Pri.School Kam Cyclone Centre		Well
	Kolaiya Board Govt. Pri.School Kam Cyclone Centre		Well
	North East Modonpura Govt. Pri.School Kam Cyclone Centre		Well
	Bajamahal Bohunukhi Sec.School Kam Cyclone Sheltre		Well
	North Badura Govt. Pri.School Kam Cyclone Centre		Useable
	South Badura Govt. Pri.School Kam Cyclone Centre		Useable
	East Auwliapur Govt. Pri.School Kam Cyclone Centre		Useable
	PayraKunjo Private Pri.School Kam Cyclone Centre		Need to repair
	North Dhorandhi Govt. Pri.School Kam Cyclone Centre		Well

	Pangashiya Nachaeria Govt. Pri.School Songlgn Cyclone Centre		Well
	Pangashiya Aliya Madrsha Songlgn Cyclone Centre		Well
	ShreeRampur Dhumki Islamia Fazil Madrasha Songlgn Cyclone Centre		Well
	Dhumki Debirchor Govt. Pri.School Songlgn Cyclone Centre		Well
	Chor Boyra Govt. Pri.School Songlgn Cyclone Centre		Well
	Dhumki AK Govt. Pri.School Songlgn Cyclone Centre		Well
	Muradiya High School Songlgn Cyclone Centre		Well
	North Muradiya Govt. Pri.School Songlgn Cyclone Centre		well
	Muradiya Govt. Pri.School Songlgn Cyclone Centre		Well
	West Lebukhali Sontosdi Govt. Pri.School Songlgn Cyclone Centre		Well
	Dhumki Satani Govt. Pri.School Songlgn Cyclone Centre		Well
	Patarchor Cyclone Centre		Well

	Joita Cyclone Centre		Well
	Chorborhan Cyclone Centre		Well
	North RonoGopaldi Rotary Club Vs Cyclone centre		Well
	Auwliapur Commuinity Centre Cyclone centre		Well
	Chandpura (Modhupura) Cyclone centre		Well
	Khalishakhali Cyclone centre		Well
	Betagi Cyclone centre		Well
	Katakhali Cyclone centre		Well
	Bashbariya Cyclone centre		well
	West Alipura Govt. Pri.School Vs Cyclone Centre		Well
	Sayed Jafor Govt. Pri.School Songlgno Cyclone Centre		Well
	Dosmina Adampur Govt. Pri.School Songlgno Cyclone Centre		Well
	Laxmipur Govt. Pri.School Songlgno Cyclone Centre		Well
	Moddho Bashbariya Cyclone centre		Well
	Gachoni Govt. Pri.School Songlgno Cyclone Centre		Well
	Ronogopaldi Hat Govt. Pri.School Songlgno Cyclone Centre		Well

	Chorborhan Cyclone Centre		Well
	Subidakhalib R K Balika Sec. School Kam Cyclone Centre		Well
	Kakrabuniya Govt. Pri.School Songlgno Cyclone Centre		Well
	Rampur Govt. Pri.School Songlgno Cyclone Centre		Well
	Kaowyuabuniya Govt. Pri.School Songlgno Cyclone Centre		Well
	Kathaltoli Govt. Pri.School Songlgno Cyclone Centre		Well
	Shontosshpur Govt. Pri.School Songlgno Cyclone Centre		Well
	Mojidbariya Govt. Pri.School Songlgno Cyclone Centre		Well
	North Bajita Govt. Pri.School Songlgno Cyclone Centre		Well
	East Anduwa Govt. Pri.School Songlgno Cyclone Centre		Well
	Subidkhali Model Govt. Pri.School Songlgno Cyclone Centre		Well
	East Sree nagar		Well

	Reg.Pri.School Kam Cyclone Centre		
	Coita Adarsha Reg.Pri.School Kam Cyclone Centre		Well
	South Gazi Reg.Pri.School Kam Cyclone Centre		Well
	Chor chailabuniya Reg.Pri.School Kam Cyclone Centre		Well
	East Gotokar Anduwa Reg.Pri.School Kam Cyclone Centre		Well
	West Gotokar Anduwa Reg.Pri.School Kam Cyclone Centre		Well
	Bazita 1 st Reg.Pri.School Kam Cyclone Centre		Well
	Koromjabuniya Reg.Pri.School Kam Cyclone Centre		Well
	South Amragachiya Reg.Pri.School Kam Cyclone Centre		Well
	Chotra Govt.Pri.School Kam Cyclone Centre		Well
	Rampur Govt.Pri.School Kam Cyclone Centre		Well
	Ranipur Govt.Pri.School Kam Cyclone Centre		Well

	Jhatibuniya Govt.Pri.School Kam Cyclone Centre		Well
	North Amragachiya Govt.Pri.School Kam Cyclone Centre		Well
	Voyaing Govt.Pri.School Kam Cyclone Centre		Well
	Chailabuniya Govt.Pri.School Kam Cyclone Centre		Well
	Chorkhali Govt.Pri.School Kam Cyclone Centre		Well
	North Gotokar Anduowa Govt.Pri.School Kam Cyclone Centre		Well
	Gotokar Anduowa Salehia Fazil Madrasha Kam Cyclone Centre		Well
	Rampur Siddikiya Fazil Madrasha Kam Cyclone Center		Well
	Rangabali BahaerChor Maddhomik School Kam Cyclone Centre		Well
	Rangabali BahaerChor Ha/A Govt.School Kam Cyclone Centre		Well
	East BahaerChor Govt.Pri.School Kam Cyclone Centre		Well

	Kazir Haowla Govt.Pri.School Kam Cyclone Centre		Well
	Niz Haowla Govt.Pri.School Kam Cyclone Centre		Well
	Poshrubuniya Govt.Pri.School Kam Cyclone Centre		Well
	KachiyabuniyaSec.School Kam Cyclone Centre		Well
	Kachiyabuniya Govt.Pri.School Kam Cyclone Centre		Well
	Gazipara Govt.Pri.School Kam Cyclone Centre		Well
	Samudabad Mridha Barir Songlogno Cyclone Centre		Well
	SamudaBad Govt. Pri.School Kam Cyclone Centre		Well
	Jugir Hawla Reg.Pri.School Kam Cyclone Centre		Well
	Netachaleha Govt. Pri.School Kam Cyclone Centre		Well
	Amlibariya Govt. Pri.School Kam Cyclone Centre		Well
	Chorgonga Cyclone Kam Cyclone Centre		Well
	West Gabbuniya Dakhil Madrsha Songlogno Kam		Well

	Cyclone Centre		
	Chatiya Napara Cyclone Kam Cyclone Centre		Well
	Moudubi High School Songlogno Cyclone Kam Cyclone Centre		Well
	A Halim Govt. Pri.School Kam Cyclone Centre		Well
	Gabobuniya Govt. Pri.School Kam Cyclone Centre		Well
	Felabuniya Govt. Pri.School Kam Cyclone Centre		Well
	Tungibariya Govt. Pri.School Kam Cyclone Centre		Well
	North Chorgonga Reg. Pri.School Kam Cyclone Centre		Well
	Moudubi Govt. Pri.School Kam Cyclone Centre		Well
	Chorgonga Reg. Pri.School Kam Cyclone Centre		Well
	Katakhali Govt. Pri.School Kam Cyclone Centre		Well
	Chotobaushdiya Govt. Pri.School Kam Cyclone Centre		Well
	West KauwKhali Reg. Pri.School Kam Cyclone Centre		Well
	West KauwKhali		Well

	Commiunity Pri.School Kam Cyclone Centre		
	61-no,KauwKhali Govt. Pri.School Kam Cyclone Centre		Well
	Horidraxhali Govt. Pri.School Kam Cyclone Centre		Well
	Gohikhali Govt. Pri.School Kam Cyclone Centre		Well
	Nowavangoni Govt. Pri.School Kam Cyclone Centre		Well
	Nowavangoni Lowest sec. School Kam Cyclone Centre		Well
	North Fulkhali Govt. Pri.School Kam Cyclone Centre		Well
	Suth Fulkhali Govt. Pri.School Kam Cyclone Centre		Well
	Chatlikhali Govt. Pri.School Kam Cyclone Centre		Well
	Choranda Govt. Pri.School Kam Cyclone Centre		Well
	Chormondaas Siddikiya Dakhil Madrasha Klam Cyclone Centre		Bad
	North Chormondas Reg. Pri.School Kam Cyclone		Well

	Centre		
	East ChorLaxmi Reg. Pri. School Kam Cyclone centre		Well
	Chormondas Govt. Pri.School Kam Cyclone Centre		Well
	Chalita Buniya Cyclone Centre		Well
	Golbuniya Cyclone centre		Well
	Chinabuniya cyclone centre		Well
	Chalitabuniya Madrasha Kam cyclone Centre		Well
	South Chalitabuniya cyclone Centre		Well
	Aiumpara Govt. Pri.School		Well
	Digorpara Baliyatoli Govt. Pri.school		Useable.
	Boro Baliyatoli Govt. Pri.school		Useable.
	Choto Baliyatoli Govt. Pri.school		Useable.
	Kankuni Govt. Pri.school		
	Tultuli-1 Govt. Pri.school		Useable.
	Betmor Govt. Pri.school		Useable.
	Chakamoiya Nishanbariya Govt. Pri.school		
	East Chakamaiya Govt. Pri.school		Useable.
	Gamuri buniya Govt. Pri.school		Useable.

	North Chakamaiya Govt. Pri.school		Useable.
	Amtola Govt. Pri.school		Useable.
	Kolapara		Useable.
	Devpur Govt. Pri.school		Useable.
	Purbopatuya Govt. Pri.school		Useable.
	Dhankhali Board Govt. Pri.school		Useable.
	Patuya Govt. Pri.school		Useable.
	North-East Caltabuniya Govt. Pri.school		Useable.
	South Devpur Govt. Pri.school		Useable.
	North Caltabuniya Govt. Pri.school		Useable.
	Golbuniya Govt. Pri.school		Useable.
	Moddho Patuwakhali Govt. Pri.school		Useable.
	North Khapravanga Govt. Pri.school		Useable.
	Maherpur Govt. Pri.school		Useable.
	DalbuGonj Govt. Pri.school		Useable.
	FulBuniya Govt. Pri.school		Useable.
	Rosulpur Govt. Pri.school		Useable.
	Morichbuniya Govt. Primary school		Useable.
	Dhankhali Govt. Primary school		Useable.
	Gilatola Govt. Primary school		Useable.

	West Dhankhali Govt. Primary school		Useable.
	Nishanbariya Masduyakhali Govt. Primary school		Useable.
	South Dhankhali Govt. Primary school		Useable.
	North East Londa Govt. Primary school		Useable.
	Moddho Pachajuniya Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Moddho Dhankhali Govt. Primary school		Useable.
	North Londa Hasem Ali Govt. Primary school		Useable.
	Dhulasar Govt. Primary school		Useable.
	OnontoPara Govt. Primary school		Useable.
	ChorChapoli Govt. Primary school		Useable.
	Laluowa Rahim Uddin Govt. Primary school		Useable.
	Charipara Govt. Primary school		Useable.
	Azimpur Govt. Primary school		Useable.

	Mistripara Govt. Primary school		Under repairing
	Khazura Govt. Primary school		Useable.
	Kuakata SharifPur Govt. Primary school		Useable.
	Tultuli -3 Govt. Primary school		Useable.
	Amzedpur Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Hatempur Govt. Primary school		Useable.
	Fashipara Govt. Primary school		Useable.
	East modhu Khali Govt. Primary school		Useable.
	Chorpara Pokkhipara Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Golbuniya Govt. Primary school		Useable.
	TagaChiya Govt. Primary school		Useable.
	Monohorpur Govt. Primary school		Useable.

	Nizampur Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Moazzampur Govt. Primary school		Useable.
	Lotifpur Govt. Primary school		Useable.
	Sherajpur Govt. Primary school		Useable.
	Mohipur Govt. Primary school		Useable.
	Kolapara Govt. Primary school		Useable.
	Mongol Shukh Govt. Primary school		Nedded Useable Tubewell.
	Rahmotpur K.G.A. Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Nobipur Govt. Primary school		Useable
	Nilgonj Govt. Primary school		Useable
	Amirabad Govt. Primary school		Useable
	North Dowlotpur Govt. Primary school		Useable

	West Hazipur Govt. Primary school		Useable
	Tungibariya Govt. Primary school		Useable
	Loskorpor Govt. Primary school		Useable
	East Sonatola Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Umedpur Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien
	Badurtoli-2 Govt. Primary school		Useable but Don't Have Available Tubewell & Latrien.
	North Tiyakhali -2 Govt. Primary school		Don't Have Available Tubewell & Latrien.
	Eatbariya Govt. Primary school		Don't Have Available Tubewell & Latrien.
	Hazipur Secondary School		Useable but lack of suffecient

			Tubewell & Latrien.
	Pakhimara P.V. Secondary School		Don't Have Available Tubewell & Latrien.
	Khapupara Nacheruddin Fazil Madrsha		Don't Have Available Tubewell & Latrien.
	Dowlotpur S Alim Madrsha		Don't Have Available Tubewell & Latrien.

