





























## Overview of Hazard Incidents in July 2017

July 2017 was a hazardous month with flood, riverbank erosion, landslide, lighting, massive rainfall, tornado, boat/trawler capsize and fire. Following the devastating flood on middle of April, a new flood started on 27 June affecting two northeast districts Sylhet and Moulvibazar which continued in July. Also, from July 02 flood started in eight districts, namely- Rangpur, Kurigram, Serajganj, Jamalpur, Bogra, Lalmonirhat, Gaibandha, Nilphamari and southern district Cox's Bazar.

Moreover, the depression originated in the Bay of Bengal caused heavy rainfall in the coastal regions which triggered landslides in three districts under the Chittagong Hill Tracts i.e. Bandarban, Chittagong and Cox's Bazar.

July, 2017						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						 1
30	31					
 2	 3	 4	 5			 8
 9						 15
 16			 12	 13	 14	
 17			 19	 20	 21	
 23		 25		 27		
	 Flood	 Landslide	 Fire	 Lightning	 Boiler Explosion	
<b>Note</b>	 Massive Rainfall	 Riverbank Erosion	 Boat/ Trawler capsize	 Tornado		

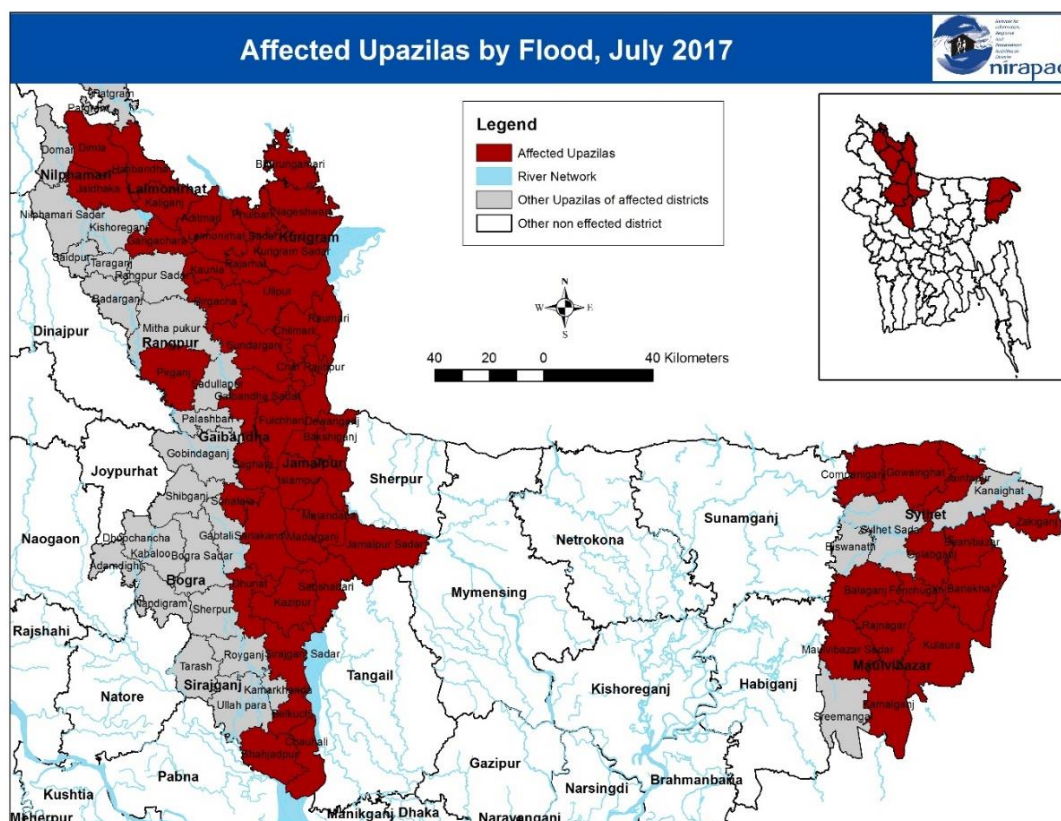
## Description of the Incidents in July 2017

### Flood

As monsoon rains once again cause rivers in the north-east parts of Bangladesh to swell and floods have struck again. Available data from the national dailies suggested that, 298 unions of 50 upazilas under 10 districts, namely Sylhet, Moulvibazar, Rangpur, Kurigram, Sirajganj, Jamalpur, Lalmonirhat, Gaibandha, Bogra and Nilphamari are affected due to the flood. Vast tracts of Moulvibazar and Sylhet have become inundated for the third time this year due to the floods.

The flood had affected about 1,611,065 people (338,512 households). It killed 26 people and washed 7,433 domestic animals. Also, it damaged 107,575 houses (2,990 fully and 104,585 partially, and 14 educational institutions, as well as, 604 km of road, 19 bridges and 19 km of embankment. In addition, it inundated 39,953 hectare of crop land and railway tracks at several places. As a result, many households were displaced and they suffered from loss of crop and livestock. Moreover, the flood

seriously disrupted the communication system leading price hike for essential items in the flood affected areas.



**Table 01: Overall impact scenario of flood, July 2017**

Districts	Affected Upazilas	No. of Affected Unions	Affected Population	No. of Death	Damage	Remark
<b>Sylhet</b>	08 (Beanibazar, Fenchuganj, Osmaninagar, Golapganj, Balaganj, Jaintapur, Zakiganj, Gowainghat)	56	143,530	3	<ul style="list-style-type: none"> <li>• 21,020 households affected</li> <li>• 4,861 houses damaged</li> <li>• 4,330 hectare agricultural land inundated</li> <li>• 7,421 domestic animal died</li> <li>• 158 educational institutions damaged</li> <li>• 3.44 km embankment damaged</li> <li>• 477 villages affected</li> </ul>	689 people were in 12 shelters
<b>Moulvibazar</b>	05 (Kulaura, Berlekha, Juri, Rajnagar, Sadar)	25	294,270	10	<ul style="list-style-type: none"> <li>• 53,352 households affected</li> <li>• 6,908 houses partially and 525 houses fully damaged</li> <li>• 5,643 hectare agricultural land inundated</li> <li>• 6,908 houses partially and 525 houses fully damaged</li> <li>• 13 educational institutions damaged</li> <li>• 294 villages affected</li> </ul>	870 people were in 14 shelters
<b>Jamalpur</b>	07 (Dewanganj, Islampur, Madarganj, Sarishabari, Baksiganj, Melandaha,	48	228,880	4	<ul style="list-style-type: none"> <li>• 45,055 households affected partially</li> <li>• 7,073 hectare agricultural land inundated</li> <li>• 2,490 houses partially and 326 houses fully damaged</li> <li>• 226 educational institutions damaged</li> </ul>	

**Table 01: Overall impact scenario of flood, July 2017**

Districts	Affected Upazilas	No. of Affected Unions	Affected Population	No. of Death	Damage	Remark
	Jamalpur Sadar)				<ul style="list-style-type: none"> <li>• 318 km road, 1 bridge and 8 km of embankment damaged</li> <li>• 447 villages affected</li> </ul>	
<b>Bogra</b>	03 (Sariakandi, Sonatala, Dhunot)	14	85,200		<ul style="list-style-type: none"> <li>• 17,245 households affected partially</li> <li>• 5,085 hectare agricultural land inundated</li> <li>• 81 educational institutions damaged</li> <li>• 60 km road damaged</li> <li>• 191 villages affected</li> </ul>	21450 people were in embankment.
<b>Gaibandha</b>	04 (Fulchari, Sadar, Sundarganj, Saghata)	30	241,213	4	<ul style="list-style-type: none"> <li>• 60,338 households affected</li> <li>• 254 hectare agricultural land inundated</li> <li>• 12,757 houses damaged</li> <li>• 134 educational institutions damaged</li> <li>• 81 km road, 1 bridge, and 0.01 km of embankment damaged</li> <li>• 194 villages affected</li> </ul>	
<b>Sirajganj</b>	06 (Kazipur, Sirajganj Sada, Belkuchi, Chowhali, Shahzadpur)	45	232,800		<ul style="list-style-type: none"> <li>• 50,125 households affected</li> <li>• 2,139 houses fully damaged and 28,177 houses particularly</li> <li>• 13,756 hectare agricultural land damaged</li> <li>• 9 educational institution fully and 376 partially damaged</li> <li>• 6 km of embankment damaged</li> <li>• 247 villages affected</li> </ul>	650 people were in 176 shelters
<b>Kurigram</b>	09 (Sadar, Nageshwari, Bhurungamari, Phulbari, Rajarhat, Ulipur, Chilmari, Raomari, Char Rajibpur)	42	190,352	5	<ul style="list-style-type: none"> <li>• 52,423 households affected</li> <li>• 49392 houses damaged</li> <li>• 3,812 hectare agricultural land inundated</li> <li>• 12 domestic animal died.</li> <li>• 5 educational institution fully and 193 partially damaged</li> <li>• 140 km road, 17 bridges and 1.5 km of embankment damaged</li> <li>• 548 villages affected</li> </ul>	4565 people were in 25 shelters
<b>Lalmorinhat</b>	04 (Hatibandha, Lalmonirhat Sadar, Aditmari, Kaliganj)	17	130,995		<ul style="list-style-type: none"> <li>• 26,199 households affected</li> <li>• 221 villages affected</li> </ul>	
<b>Rangpur</b>	03 (Gangachara, Kaunia, Pirganj)	11	47,425		<ul style="list-style-type: none"> <li>• 9,485 households affected</li> <li>• 2 educational institution damaged</li> <li>• 48 villages affected</li> </ul>	
<b>Nilphamari</b>	02(Dimla, Jaldhaka)	10	16,400		<ul style="list-style-type: none"> <li>• 3,280 households affected</li> <li>• 130 villages affected</li> </ul>	
<b>Total</b>	50	298	1,611,065	26	<ul style="list-style-type: none"> <li>• 338,512 households affected</li> <li>• 2,990 houses fully damaged and 104,585 houses particularly</li> <li>• 39,953 hectare agricultural land inundated</li> <li>• 7,433 domestic animal died</li> <li>• 14 educational institution fully and 1183 partially damaged</li> <li>• 604 km road, 19 bridge and 19 km of embankment damaged</li> <li>• 2797 villages affected</li> </ul>	

Source: All data except name of affected upazilas under Sylhet districts are taken from NDRCC Report, July 19, 2017; Name of affected upazilas under Sylhet district are taken from national dailies.

## Landslide

The depression in the Bay of Bengal caused heavy rainfall in the coastal regions on July 03, 2017. It triggered in three district of southeast Bangladesh i.e. Bandarban, Chittagong, Cox's Bazar. 12 people were killed and 4 people have been injured due the landslides. Details of the impact of landslide is given in the table below:

Table 02: Detailed impact scenario of landslide, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/ Thana			
July 03	Cox's Bazar	Cox's Bazar Sadar	1 women died.	<i>Bdnews24.com</i> July 04, 2017	The victim has been identified as 33-year-old Monowara Alam of the Mahughata village at Hoanak Union Parishad. She was cutting earth near her home amid heavy rains to remove water pooling when the landslide struck.
July 20	Chittagong	Sitakunda	Five people including three children were died of a family.	<i>The Daily Star</i> July 21, 2017	The victims were asleep when the landslide took place at Jangle Salimpur village around 4:00 am due to incessant rain.
July 21	Cox's Bazar	Ramu	One people were died.	<i>The Daily Prothom Alo</i> July 22, 2017	The death name is Sabbir Alam. He is student of Dhaka University. He visited Himchari Waterfall with his friends. When they took shower in Waterfall the landslide occurred.
July 23	Bandarban	Ruma	One died and 4 people were missing.	<i>The Daily prothom Alo</i> July 23, 2017	The incident took place in Baishmile area on Bandarban-Ruma road around 9:30am when seven to eight persons were crossing the road. The passengers of a bus but were crossing the road on foot as the road was severely damaged following the last month's torrential rain and consequent landslides. Passengers are often forced to get down from vehicles on certain points due to its poor condition.
July 24	Cox's Bazar	Sadar	Two people died and two people were injured.	<i>NDRCC</i> July 26, 2017	The landslide occurred in light house area of sadar. A big chunk of earth fell on the house of affected people and broke the wall around 12.00 am. DDM given BDT 20,000 of each deaths family.
July 25	Cox's Bazar	Ramu	Two children died and two people were injured.	<i>NDRCC</i> July 26, 2017	A big chunk of earth fell on their house around 3:00am. The deaths two parents were injured on that incident. DDM given BDT 20,000 of each deaths family.
<b>Total</b>	<b>3</b>	<b>4</b>	<b>12 people died, 4 people injured and 4 people were missing.</b>		

## Fire

There were 10 fire incidents in July, 2017. As for geographic spread, 03 districts (Dhaka, Faridpur, Sylhet) experienced fire. Among the 10 incidents, 8 occurred in Dhaka. These incidents caused death of 2 people and injured 32. The overall impact scenario of fire is given in the table below:

Table 03: Detailed impact scenario of fire, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/ Thana			
July 01	Dhaka	Lalbag	5 people injured. Damage of materials worth of BDT 40 lakh.	<i>The Daily Samakal</i> July 02, 2017	The incident happened in Sunday noon. 2 units of fire service control the fire within 30 mints.
July 02	Dhaka	Uttara	Two people died. Three multi-storied commercial buildings were engulfed with fire.	<i>The Dhaka Tribune</i> July 03, 2017	The fire started on the ground floor of the four-storey Sea Shell Chinese Restaurant around 4:00 a.m., and later spread to the adjoining two buildings. The reason behind the fire could not be ascertained yet.
July 04	Dhaka	Lalbag	7 people burned including 2 child.	<i>The Daily Samakal</i> July 05, 2017	The fire started from the linkage of gas pipe line.
July 05	Dhaka	Badda	3 people burned.	<i>The Daily Prothom Alo</i> July 06, 2017	Burned people admitted in DMC burn unit.
July 08	Dhaka	Savar	20 people were injured.	<i>The Daily star</i> July 09, 2017	The fire was originated at the store room on the first floor of Medlar Apperals Ltd. The incident happened in Saturday night. 6 units of fire services try to control the fire. The injured were admitted to local hospitals.
July 16	Dhaka	Mirpur	A jute godown and lots houses were damaged.	<i>Bdnews24.com</i> July 16,2017	The fire broke out at the godown around 3pm. The fire burned some houses of the slum area which was attached with the godown. Firefighting units were sent to the location who have doused the fire around 5pm.
July 16	Dhaka	Shereban glanagor	One room were damaged.	<i>Bdnews24.com</i> July 16,2017	In National Institute Of Cardiovascular Diseases the fire broke out at the room 12.20pm. Firefighting units were doused the fire around 12.55pm.
July 19	Faridpur	Bhanga	25 shops were damaged	<i>The prothom Alo</i> July 20, 2017	The fire happened from the electric shot circuit.
July 25	Dhaka	Motijheel	No damage reported.	<i>The Daily Prothom Alo</i> July 25, 2017	The fire started from 8.40 am in 9 <sup>th</sup> floor of Janata Tower. The reason of the fire was electrical short circuit.
July 27	Sylhet	Dakshin Surma	Six people injured and three vehicles were burned.	<i>The Daily Samakal</i> July 28, 2017	The blaze from the Jalalabad gas supply pipe gutted three vehicles neat Kadamtali bus stand on Friday noon. Four firefighting units worked for two hours to bring the fire under control
Total	3	9	2 people died, 32 people injured, Damage materials worth of BDT 40 lakh, Three multi-storied commercial buildings were engulfed, A jute godown and lots of houses damaged, One room damaged and three vehicles were burned.		

### Lightening

According to Bdnews24.com (02 July, 2017), 5 people died and 4 people were injured including 1 women in July 1 due to lighting in Mirpur upazila under Kushtia district. The impact scenario of lightening is given in the table below:

Table 04: Impact scenario of lightening, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/ Thana			
July 01	Kushtia	Mirpur	5 people died and 4 people were injured including 1 women.	<i>Bdnews24.com</i> July 02, 2017	At noon, 9-10 people were working at field when lighting occurred.

### **Boiler Explosion**

According to The Daily Star (04 July, 2017), 11 people died and 50 people were injured in July 03 due to Boiler explosion in Sadar upazila of Gazipur district. The impact scenario of boiler explosion is given in the table below:

Table 05: Impact scenario of boiler explosion, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/ Thana			
July 03	Gazipur	Gazipur Sadar	11 people died and 50 people were injured.	<i>The Daily Star</i> July 04, 2017	The authorities of Multifabs Ltd, where the boiler exploded, closed the factory for an indefinite period. Besides, the authorities of 10 garments factories of the area closed their factories for the day following the incident.

### **Massive Rainfall:**

According to *bdnews24.com* (06 July, 2017), large parts of Sadar upazila under Cox's Bazar district have been waterlogged due heavy on in July 05, 2017. Details of the impact of waterlogging is presented in the table below.

Table 06: Impact scenario of massive rainfall, July 2017						
Date	Hazard	Location		Impact	Source	Remark
		District	Upazila/ Thana			
July 05	Massive Rainfall	Cox's Bazar	Cox's Bazar Sadar	Many low regions of the district have been waterlogged due to the incessant heavy rains over the last two days.	<i>Bdnews24.com</i> July 06, 2017	The Cox's Bazar District Administration has moved more than 300 people who live on top or at the base of hills to safe areas with fears of landslides and floods rising due to heavy rains.

### **Riverbank Erosion**

More 500 homes of the 3 village have been devoured the River Jamuna in Daulatpur, Naria and Janlira upazilas of Manikganj, Shariatpur and Faridpur district during July 9 and 15 due to riverbank erosion. The details of the impact of riverbank erosion is given in the table below:

Table 07: Impact scenario of riverbank erosion, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/ Thana			
July 09	Manikganj	Daulatpur	More than 350 houses were washed away and around 5000 people of 1000 families were affected due to the erosion.	<i>The Daily Star</i> July 10, 2017	Dyke collapses due to Jamuna erosion in Manikganj People pass days under open sky.
July 15	Shariatpur Faridpur	Naria Janjira	150 houses were washed.	<i>The Daily Prothom Alo</i> July 16,2017	The riverbank erosion started from Friday evening.
<b>Total</b>	<b>3</b>	<b>3</b>	500 houses washed away and 5000 people of 1000 families were affected.		

## Boat Capsize

4 incidents of boat capsizing occurred on July 09th, 16th, 19th and 20th in Dhaka, Gazipur, Sylhet, and Bhola districts respectively. About 5 people were killed in these incidents. The details of the impact of boat capsizing are given in the table below:

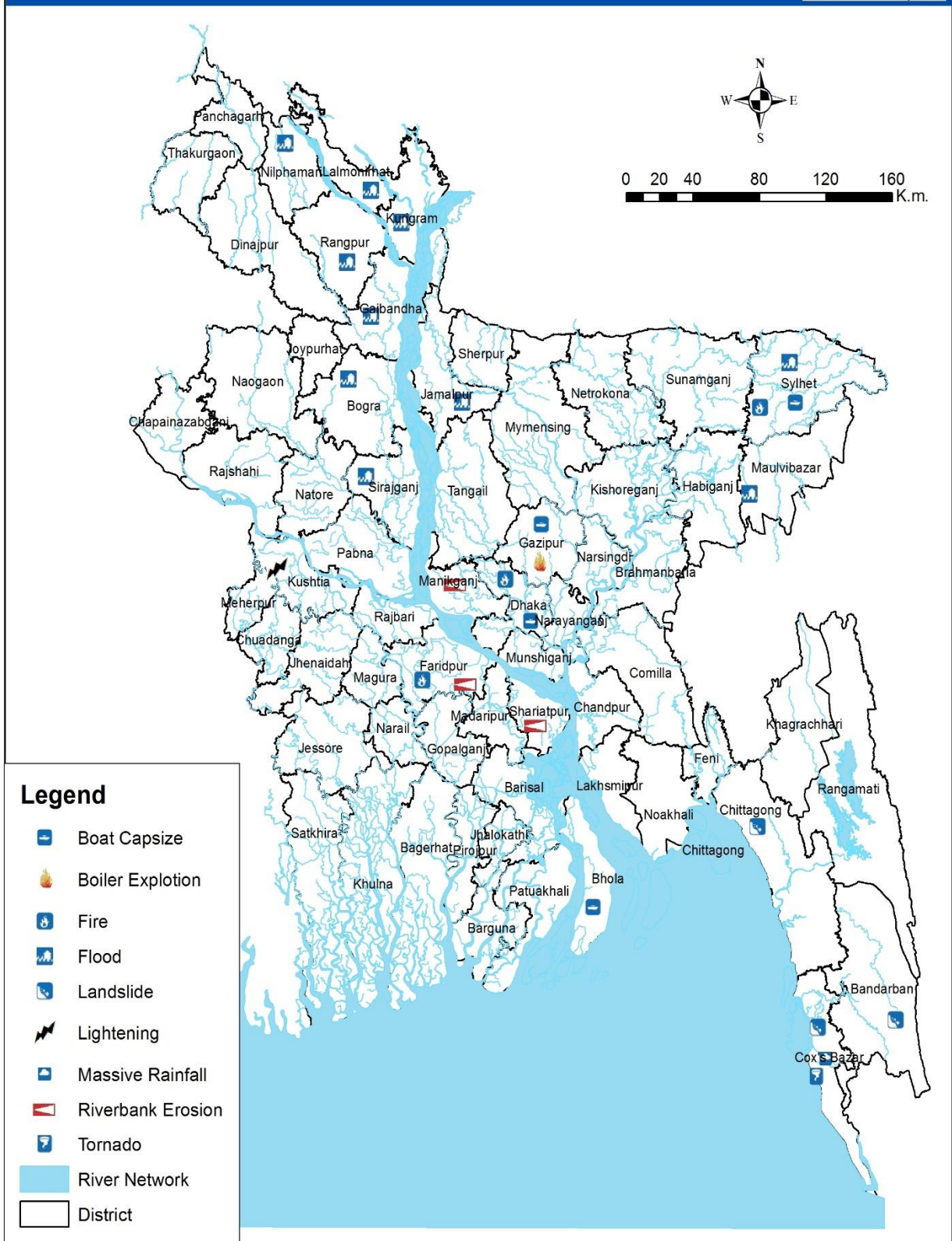
Table 08: Impact scenario of boat/trawler capsizing, July 2017						
Date	Hazard	Location		Impact	Source	Remark
		District	Upazila/Thana			
July 09	Boat Capsizing	Dhaka	Savar	1 person missing.	<i>The Daily Prothom Alo</i> July 10, 2017	The incident occurred in the Turag River. A trawler named Israt 1 struck the boat and it capsized.
July 16		Gazipur	Shreepur	1 woman died.	<i>The Daily Prothom Alo</i> July 17, 2017	An automotive ferry boat sank in Shitalakshya River at around 10pm.
July 19		Sylhet	Fenchuganj	2 people died.	<i>The Daily Star</i> July 20, 2017	Both of the dead people went to the waterbody near Hakaluki Haor with three others for fishing while the boat capsized.
July 20	Trawler Capsizing	Bhola	Lalmohon	2 fishermen died.	<i>The Daily Star</i> July 21, 2017	14 fishermen went to the Meghna River in Betua Switch Gate area for fishing and their trawler was hit by a storm suddenly and capsized. Of the fishermen, Kabir and Russel drowned while the rest managed to swim ashore.
Total		4	4	5 people died and 1 person was missing.		

## Tornado

According to *The Daily Prothom Alo* (25 July, 2017), almost two hundred houses and a grocery shop were damaged in July 25 due to a tornado in Teknaf Upazila under Cox's Bazar District. The details of the impact of the tornado are given in the table below:

Table 09: Impact scenario of tornado, July 2017					
Date	Location		Impact	Source	Remark
	District	Upazila/Thana			
July 25	Cox's Bazar	Teknaf	Almost 200 houses and a grocery shop were damaged. More than 10 people were injured.	<i>The Daily Prothom Alo</i> July 25, 2017	On Tuesday around 11.00pm a tornado hit 7, 8, 9 number wards of Teknaf Paurashava.

# Hazard Incidents in Bangladesh, July 2017



Date of Creation: August 06, 2017

Source: NDRCC and DDM Reports, national dailies



## GOB Responses in July 2017

**Response in Flood:** Government of Bangladesh has responded to the flood immediately by allocating GR cash and rice and distributed dry food where needed through Ministry of Disaster Risk Management. The total allocation of GR rice and cash to the flood affected districts are given in the table below:

District	Allocated GR Cash (BDT)	Allocated GR Rice (MT)
Sylhet	937,500	613.550
Moulvibazar	4,099,500	925
Jamalpur	715,000	450
Bogra	350,000	285
Gaibandha	2,019,000	390
Sirajganj	900,000	373
Kurigram	1,150,000	400
Lalmorinhat	1,400,000	223
Rangpur	-	60
Nilphamari	600,000	180
Total	12,538,100	616,906

**Source: NDRCC Report, July 19, 2017**

**Response in Landslide:** Each family of the dead in landslide of Cox's Bazar is assisted GR cash of BDT 20,000 from MoDRM (NDRCC Report, July 26, 2017).

## Conclusion

Flood was the most hazardous incident in the month of July. People of the affected areas suffered due to damage of house, crops land and live stocks every day. The landslide in Bandarban, Chittagong and Cox's Bazar was also very severe. A major concern for the landslide is rehabilitate the at risk households in a safer location. Also, there were low intensity disasters in different parts of the country e.g. fire, riverbank erosion, boat and trawler capsized, massive rainfall, boiler explosion, tornado and lightning.