

Overview of Hazard Incidents in September 2020

In September 2020, 11 devastating hazards took place across Bangladesh i.e. Covid-19 pandemic, fire, lightning, navigation hazard, boat capsized, bridge collapse, river bank erosion, monsoon flood, heavy rainfall mud slide and wall collapse.

In September 2020, Covid-19 affected a total of 50,481 persons across the country among them 970 persons died and 705,600 persons recovered. From March 08, 2020 to September 30, 2020, the total number of Covid-19 patient is 362,515 among which 5,256 persons died and 276,555 persons recovered.

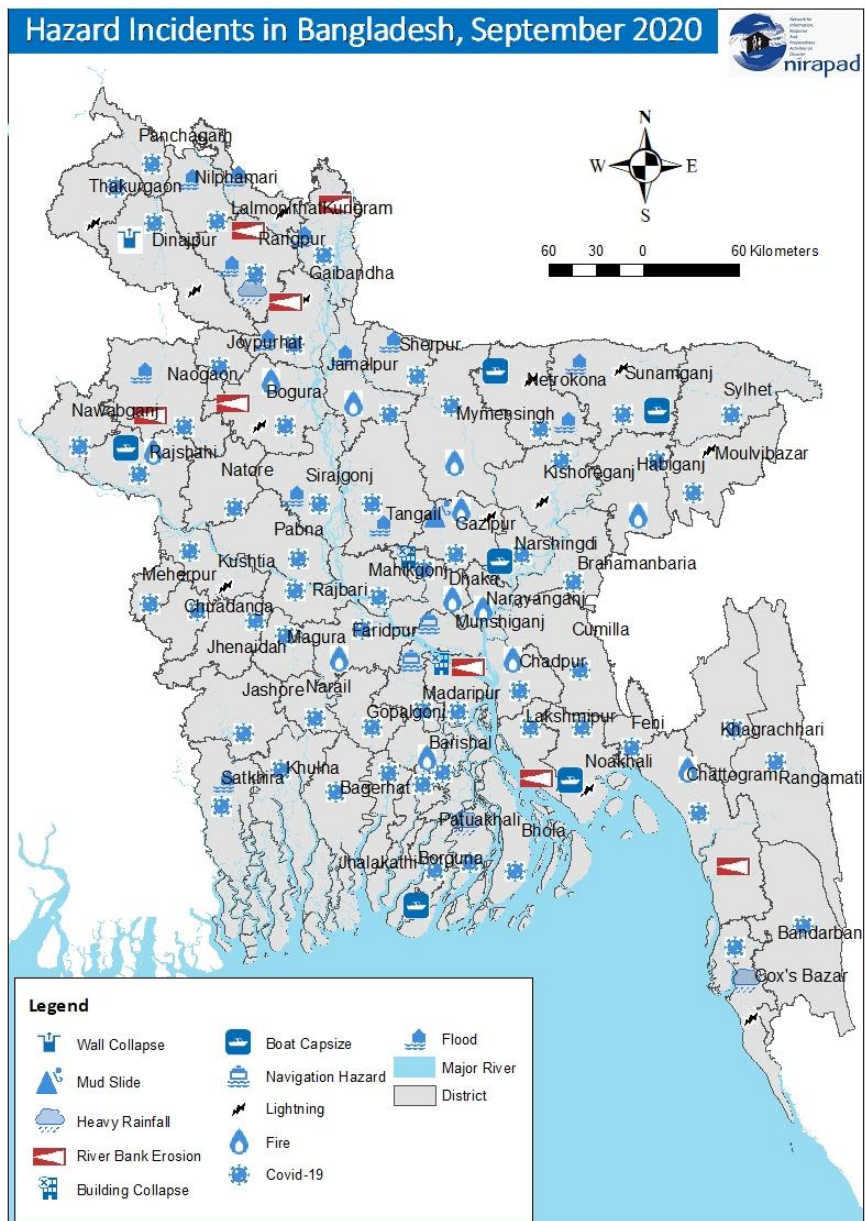
19 incidents of fire in 12 districts killed 43 persons and the most devastating one took place on September 04, 2020 Narayanganj in a mosque which killed 33 persons and injured 5 persons.

Lightning took place in 13 districts with 19 incidents in which 26 persons killed and five persons injured.

Boat capsized took place in six districts with seven incidents which killed 19 persons and one person was missing along with drowning of lighter ship, cargo and 132 metric ton urea fertilizer. Two incidents of building collapse took place and three persons killed in Dhaka. Monsoon flood killed 1 person, 26000 people marooned, 403 houses, 60 meters & 5 places of embankment, 12 unions, 14 villages croplands eroded and above 92174 hectares cropland inundated in eight districts.

Three districts faced heavy rainfall and Rangpur city dwellers suffered a lot because of water logging due to rain water and poor drainage.

Both navigation hazard at Mawa ferry ghat and mud slide in Gazipur caused communication disruption and wall collapse in Dinajpur killed 4 persons.



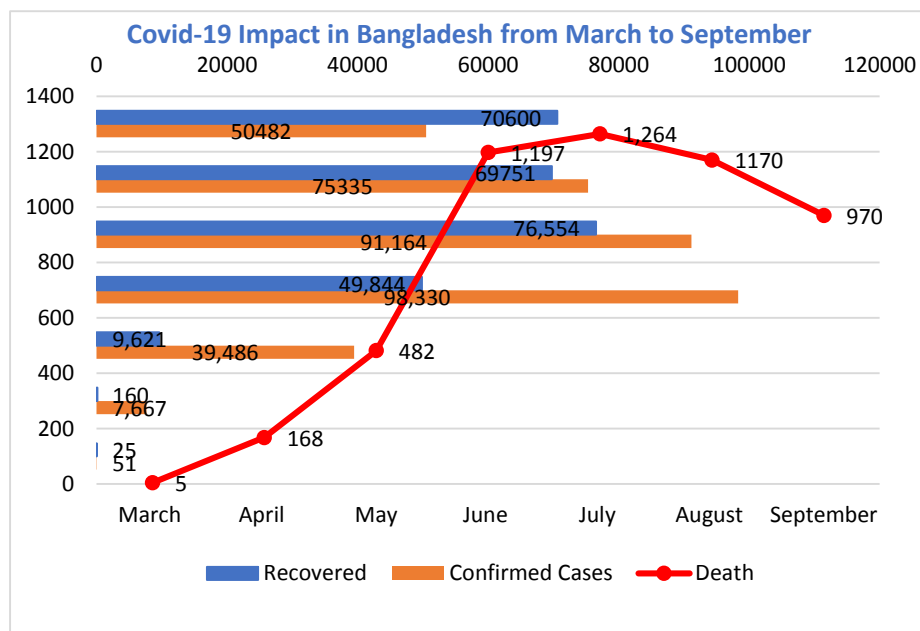
Source: NDRCC Report and National Dailies, September 2020

September 2020						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			
Index	COVID 19	Fire	Boat capsized	Building Collapse	Mudslide	
	Navigation hazard	Flood	Lightning	Heavy Rainfall	Wall Collapse	

Description of Hazard Incidents in September 2020

Covid-19 Pandemic in Bangladesh

The Covid-19 pandemic had affected with high impacts throughout this month in all the 64 districts across Bangladesh. In September, 2020, the number of identified patients with Covid-19 is 50,481 persons and 705,600 persons recovered and 970 persons died. From the very first case identified in March 2020, the total number of Covid-19

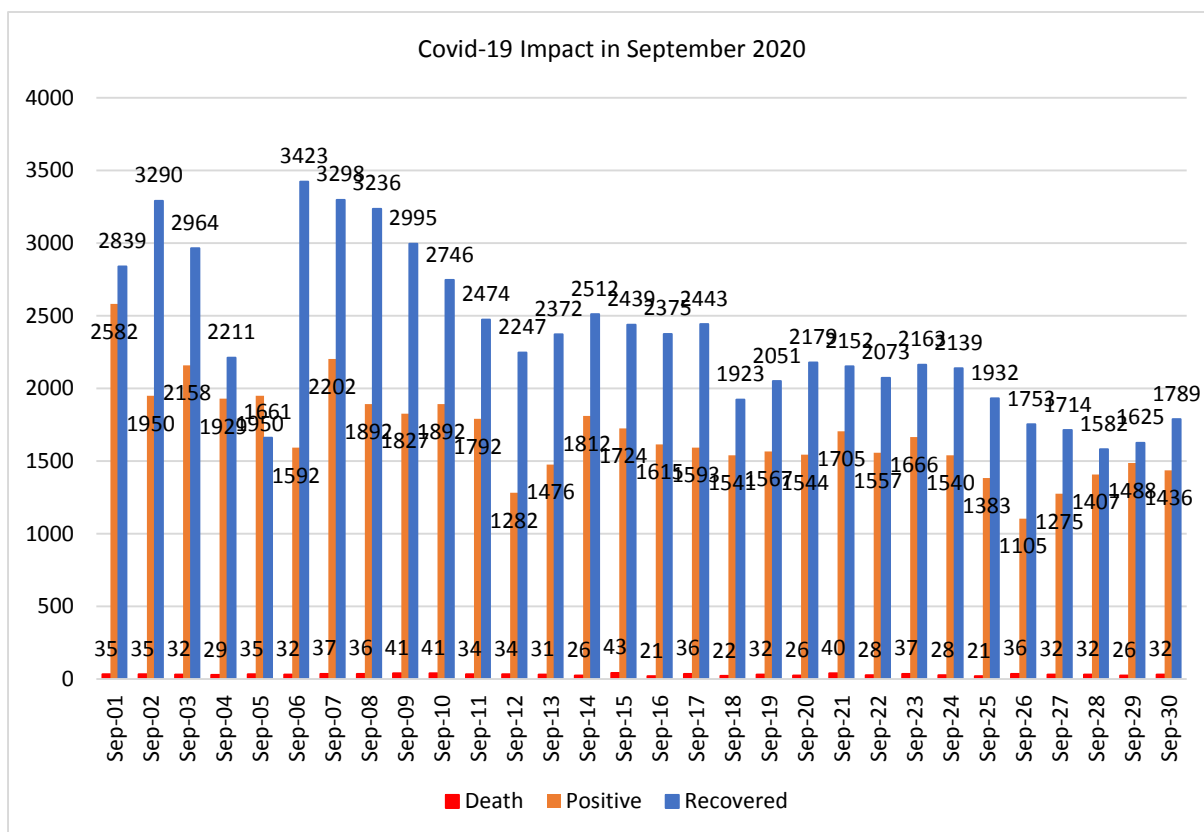


patient is 362,515 among which 5,256 persons died and 276,555 persons recovered up to September 30, 2020. It is notable that 261 persons have been identified with Covid-19 in the Rohingya refugee camps and 68 persons killed in covid-19 in Cox's Bazar district¹. The number of identified cases in Bangladesh with Covid-19 is increasing as per Directorate General of Health Services (DGHS) and IEDCR have increased the testing of Covid-19 at 68 labs across the country. Though government

Month	Death	Confirmed Cases	Recovered
March	5	51	25
April	168	7,667	160
May	482	39,486	9,621
June	1,197	98,330	49,844
July	1,264	91,164	76,554
August	1,170	75,335	69,751
September	970	50,482	706,000
Total	5,256	362,515	276,555

has taken steps to minimize movement of people but the situation may become worsen if health guidelines by the Director General of Health Services (DGHS) are not maintained properly.

¹https://www.humanitarianresponse.info/sites/www.humanitarianresponse.info/files/documents/files/final_i_scg_covid-19_and_monsoon_weekly_update_30_25_september_-_1_october_2020_en.pdf



Fire

19 incidents of fire took place in 12 districts i.e. Chattogram, Dhaka, Narayanganj, Bogura, Mymensingh, Gazipur, Barishal, Hobiganj, Chandpur, Faridpur, Jamalpur and Rajshahi which killed 43 persons and injured 29 persons. Along with this 58 shops, 3 customer Care Centre, 2 go downs with 1200 mound jute, 3 ACs, 3 computers, tax office files-papers and furniture burnt and electricity cut off in Mymensingh, Netrokona, Narshingdi, Jamalpur due to fire in Mymensingh sub electric grid plant and damages by fire caused loss of BDT 404,300,000. On September 04, 2020 Narayanganj faced a heart breaking incidents of fire in a mosque which killed 33 persons and injured 5 persons.

Table 1: Loss & damage by fire in September 2020

Date	Location		Impact	Source
	District	Upazila/ Thana		
1-Sep	Dhaka	Banani	Fire in York Hospital damaged BDT 300000	https://epaper.prothomalo.com
2-Sep	Chattogram	Patenga	3 person Killed & 3 persons injured	https://www.prothomalo.com
4-Sep	Narayanganj	Narayanganj Sadar	Explosion killed 33 persons & 3 persons in critical situation 2 recovered	https://modmr.gov.bd
7-Sep	Bogura	Bagura Sadar	3 customer Care Centre burnt	https://www.prothomalo.com
	Chattogram		3 person injured	https://modmr.gov.bd
8-Sep	Mymensingh	Kewatkhali	Fire in the grid sub-center and Electricity cut off in 4 districts Mymensingh division	https://www.prothomalo.com
9-Sep	Chattogram	-	3 persons killed & 3 persons injured	https://modmr.gov.bd
11-Sep	Dhaka	Gulshan	Loss of BDT 1500000	https://www.prothomalo.com
13-Sep	Gazipur	Tongi	1 person killed & 4 injured	https://www.prothomalo.com
14-Sep	Barishal	Barishal City Corporation	1 person injured, 3 ACs, 3 computers, files-papers & office furniture burnt	https://www.prothomalo.com
18-Sep	Hobiganj	Ajmeeriganj	39 shops burnt & loss of BDT 400000000	https://www.prothomalo.com
	Chandpur	South Matlab	1 person injured, 4 shops burnt & loss of BDT 1500000	https://www.prothomalo.com
	Faridpur	Boalmari	2 jute go down burnt with 1200 mound jute	https://www.prothomalo.com
20-Sep	Dhaka	Jatrabari	5 persons injured	https://www.dhakatribune.com
		Banani	1 incident in Ahmed Tower	https://modmr.gov.bd
23-Sep	Dhaka	Chalkbazar	5 Shops burnt & loss of BDT 1000000	https://www.prothomalo.com
24-Sep	Jamalpur	Milandhah	1 person injured	https://modmr.gov.bd

Date	Location		Impact	Source
	District	Upazila/ Thana		
25-Sep	Dhaka	Savar	2 persons killed & 1 person injured in gas explosion	https://www.prothomalo.com
28-Sep	Rajshahi	-	1 person injured	https://modmr.gov.bd
Total	43 persons killed, 29 persons injured, 58 shops, 3 customer Care Centre, 2 go downs with 1200 mound jute, 3 ACs, 3 computers, tax files-papers and office furniture burnt & electricity cut off in 4 districts , loss of BDT 404,300,000			

Lightning

17 incidents of lightning took place in 13 districts i.e. Gaibandha, Sunamganj, Lalmonirhat, Dinajpur, Bogura, Kustia, Gazipur, Moulavibazar, Kishoreganj, Coxbazar, Thakurgoan, Netrokona, and Noakhali in which 26 persons killed and five persons injured. In Doulatpur upazila of Kustia district, on September 07, 2020, four persons killed and one person injured in three incidents in a single day. In Sonatola upazila under Bogura district, on the same day, 1 man, 1 child and 1 adolescent boy killed in 2 incidents due to lightning.

Date	Location		Impact	Source
	District	Upazila/ Thana		
1-Sep	Gaibandha	Sundorganj	1 person killed	https://modmr.gov.bd
5-Sep	Sunamganj	South Sunamganj	1 person killed and 3 injured	https://www.prothomalo.com
6-Sep	Lalmonirhat	Lalmonirhat Sadar	1 person killed	https://modmr.gov.bd
	Dinajpur	Nababganj	2 persons killed	https://www.prothomalo.com
	Gaibandha	Gobindaganj	1 person killed	https://modmr.gov.bd
7-Sep	Bogura	Sonatola	3 persons killed	https://www.prothomalo.com
	Kustia	Doulatpur	4 persons killed & 1 person injured	https://www.prothomalo.com
10-Sep	Gazipur	Gazipur city	2 persons killed	https://www.prothomalo.com
		Gazipur Sadar	1 person killed	https://www.dhakatribune.com
14-Sep	Moulavibazar	Kulaura	1 person killed	https://modmr.gov.bd
16-Sep	Kishoreganj	Kishoreganj Sadar	1 person killed	https://modmr.gov.bd
19-Sep	Coxbazar	Chokoria	1 person killed and 1 injured	https://www.prothomalo.com
		Pekua	1 person killed	https://www.prothomalo.com
26-Sep	Thakurgoan	Ranishangkoil	2 persons killed	https://modmr.gov.bd
27-Sep	Lalmonirhat	Aditmari	1 person killed	https://modmr.gov.bd
		Netrokona	Durgapur	1 person killed
30-Sep	Noakhali	Noakhali Paurashova	1 person killed	https://www.thedailystar.net
Total	26 persons killed & 5 persons injured.			

Navigational Hazard

Due to poor navigability on 1 to 3 September Ferry crossings halt on Kathalbari-Shimulia route which disrupted communication not only between Madaripur and Munshiganj but also with Dhaka to southern part of Bangladesh (Source: <https://bdnews24.com>)

Boat Capsize

Seven incidents of boat capsized took place in six districts, i.e. Barguna, Netrokona, Norshingdi, Noakhali, Sunamganj and Rajshahi which killed 19 persons and one person was missing; one lighter ship with 1300 ton clinker sank and one Cargo with 132 metric ton of urea fertilizer sank which caused loss of BDT 2500000. In Komolkanda upazila under Netrokona district, on September 09, 2020 an incident of boat capsized took place while a collision occurred between a boat and a sand barge in the Gumai River in which 12 persons including six children, five women and one man killed.

Table 3: Loss & damage by Boat Capsize in September 2020				
Date	Location		Impact	Source
	District	Upazila/ Thana		
6-Sep	Barguna	Bamna	1 cargo sank with 132 metric ton of urea fertilizer, loss of BDT 2,500,000	https://www.prothomalo.com
9-Sep	Netrokona	Komolkanda	12 persons killed	https://www.prothomalo.com
20-Sep	Norshingdi	Raypura	3 persons killed	https://modmr.gov.bd
21-Sep	Noakhali	Hatia	1 lighter ship sank with 1,300 ton clinker	https://www.prothomalo.com
24-Sep	Sunamganj	Dharampasha	1 person missing	https://www.prothomalo.com
25-Sep	Rajshahi	Poba	2 persons killed	https://www.prothomalo.com
	Noakhali	Hatia	2 persons killed	https://www.prothomalo.com
Total	19 persons killed, 1 person missing, 1 lighter ship with 1300 ton clinker & 1 Cargo sank with 132 metric ton of urea fertilizer which Loss of BDT 2,500,000			

Building Collapse

Two incidents of building collapse occurred and 3 construction workers killed at Dhanmodi on 28th September.

Table 4: Loss & damage by Building Collapse in September 2020				
Date	Location		Impact	Source
	District	Upazila/ Thana		
14-Sep	Shariatpur	Shariatpur Sadar	Six room sealed as risky and Computer and various furniture damaged	https://www.prothomalo.com
28-Sep	Dhaka	Dhanmodi	3 persons killed	https://www.prothomalo.com

River Bank Erosion

12 upazilas in 8 districts faced river bank erosion which resulted in 1 person killed, 26000 people marooned, 403 houses eroded, 60 meters & 5 places of embankment cracked, 12 unions, 14 village's croplands eroded and above 92174 hectors cropland inundated and crisis of safe water.

Table 5: Loss & damage by Riverbank erosion in September 2020				
Date	Location		Impact	Source
	District	Upazila/ Thana		
14-Sep	Noakhali	Hatia	1 person killed	https://www.prothomalo.com
17-Sep	Bogura	Sariakandi	250 houses eroded 350 family affected & 1000 persons affected	https://www.prothomalo.com
19-Sep	Shariatpur	Naria	47 meter embankment & 3 houses eroded,	https://www.prothomalo.com
28-Sep	Rangpur	Rangpur City Corporation	Many villages eroded and cropland inundated, crisis of pure water	https://modmr.gov.bd
29-Sep	Chattoogram	Sandwip	Agricultural land and houses damaged	https://modmr.gov.bd
		Kurigram	Kurigram Sadar	Damaged settlements and property
	Ulipur		Home stead of 100 families and vast croplands eroded 6, 7, and 9 no wards faced river erosion.	
	Nageshwari		Settlements and property of 50 families devoured	
	Noagoan	3 upazilas	5 places of Atrai river embankment cracked & 92174 hectors aman paddy filed inundated	https://modmr.gov.bd
2 Upazila		12 unions of 2 upazilas marooned	https://modmr.gov.bd	
Gaibandha	Palashbari	13 meters embankment eroded & 25000 people marooned in 14 flooded villages	https://bangla.bdnews24.com	
Total	1 person killed, 26000 people marooned, 403 houses , 60 meters & 5 places of embankment, 12 unions, 14 villages croplands eroded and above 92174 hectors cropland inundated, crisis of pure water			

Monsoon Flood

Due to heavy rainfall and following water from the upstream after June 20, 2020, fifth time flood started to take place and as of NDRCC report on September 29, 2020, the flood has already impacted 19 districts i.e. Lalmonirhat, Kurigram, Gaibandha, Nilphamari, Rangpur, Dinajpur, Panchagarh,

Thakurgoan, Sirajganj, Pabna, Natore Bogura, Naogaon, Joypurhat, Chapainawabganj, Rajshahi, Sherpur, Netrokona and Sunamganj. This times flood affected 3300 family, 57000 people, damaged 65 houses, 38706 hectors crop land, flooded 250 ponds and approximate loss of BDT 6,065,100,000.

The impact of flood up to September 30, 2020 is given in the table below²:

Table 6: Loss & damage by flood in September 2020				
Date	Location		Impact	Source
	District	Upazila/ Thana		
19-Sep	Sherpur	Jhinaigati & Nalita Bari	200 families affected in Nalitabari upazila, cropland damaged, lower parts of the upazilas inundated and embankment damaged	https://www.prothomalo.com
	Lalmonirhat	Lalmonirhat Sadar	1000 families marooned	
	Kurigram	Fulbari	2000 families marooned , 65 houses eroded	
24-Sep	Sherpur	Nalitabari	1011.714 hectors paddy inundated since 3 days Flash Flood	https://modmr.gov.bd
25-Sep	Kurigram	Kurigram Sadar, Rajarhat, Fulbari & Ulipur	50000 people marooned, 5000 hectors cropland inundated, damaged roads, fisheries, livestock, bridges, culverts, schools & other assets & crops worth of BDT 4,179,100,000	https://www.prothomalo.com
27-Sep	Rangpur	-	700 hectors of agricultural land damaged	https://modmr.gov.bd
	Gaibandha		1165 hectors of cropland damaged	
	Kurigram		5134 hectors of cropland damaged	
	Lalmonirhat		1036 hectors of cropland damaged	
	Nilphamari		210 hectors of cropland damaged	
	5 Districts		Loss of BDT 1,720,000,000	
28-Sep	Gaibandha	Gobindaganj & Saghata	3860 hectors amon paddy, 345 hectors vegetables, 40 hectors mas kolai, 250 ponds with 32 metric ton which costs BDT 4000000 damaged	https://bangla.bdnews24.com
29-Sep	Kurigram		70000 people marooned	https://modmr.gov.bd
	16 Districts of Rajshahi & Rangpur division, Sunamganj & Sherpur	-	Eastern and Northern part of the country affected with 5 times flood	https://modmr.gov.bd
			people of these region are suffering for 3 months	https://modmr.gov.bd
	Netrokona	10 upazilas	20,204 hectors Aman field damaged and loss of BDT 162,000,000, lower part of the district flooded	https://modmr.gov.bd
Total	3300 family, 57000 people affected, 65 houses, 38706 hectors crop land damaged, 250 ponds flooded & loss of BDT 6,065,100,000			

Heavy Rainfall

Heavy rainfall reported in 3 districts and among them Rangpur city suffered most due to waterlogging from excessive rain water and poor drainage system.

Table 7: Loss & damage by heavy rainfall in September 2020				
Date	Location		Impact	Source
	District	Upazila/ Thana		
20-Sep	Coxbazar	Teknaf	200 travelers stuck in the saint martin island	https://www.prothomalo.com
21-Sep	Coxbazar	Teknaf	4 fishing trawler, 1 boat, damaged settlements near shore line	https://www.prothomalo.com
28-Sep	Rangpur	All upazilas	Rain storm occurred and heavy rainfall cross over last 70 years record	https://modmr.gov.bd

²[https://modmr.gov.bd/sites/default/files/files/modmr.portal.gov.bd/situationreport/9d152589_cc6c_46b7_8ac0_29863b94d5f0/Special%20Flood%20Situation%20Report%20\(31.07.2020\).pdf](https://modmr.gov.bd/sites/default/files/files/modmr.portal.gov.bd/situationreport/9d152589_cc6c_46b7_8ac0_29863b94d5f0/Special%20Flood%20Situation%20Report%20(31.07.2020).pdf)

Table 7: Loss & damage by heavy rainfall in September 2020

Date	Location		Impact	Source
	District	Upazila/ Thana		
		Rangpur City Corporation	Inundated Rangpur city, waterlogging in bus terminal area & road transportation disrupted	https://modmr.gov.bd
30-Sep	Patuakhali	Dumki	Road communication disrupted among Barishal-Patuakhali-Kuakata	https://modmr.gov.bd
	200 travelers stuck, 4 fishing trawler, 1 boat, damaged settlements near shore line, Rangpur city inundated			

Mud Slide

On 23rd September mud slide occurred which resulted road collapse and communication disrupted between Kapasia & Sreepur Upazila in Gazipur District. (<https://www.prothomalo.com>)

Wall Collapse

Four persons of same family killed in an incident of wall collapse which occurred at Jhaupara village of Palashbari union at Parbatipur Upazila in Dinajpur on 26th September, 2020. (<https://www.prothomalo.com>)

GoB Response September 2020

Response to monsoon flood: GoB undertook necessary initiatives to minimize losses due to monsoon flood. A total of 14,160 MT GR rice, BDT 11,000,000 GR cash, 150,000 packets of dry foods and 1,000 tent as shelter have been already distributed for nine flood affected districts. The district-wise allocation of relief by the Ministry of Disaster Management and Relief (MoDMR) is given below in the table:³

Table 6: District-wise Allocated Relief for Flood by MoDMR up to September 30, 2020						
District	GR Cash (BDT)	Dry Food (Packet)	Cash for Baby Food	Tent for Shelter	Tin (Bundle)	Source
Kurigram		2000			0	NDRCC Report, September 30, 2020
Satkhira		2000		1000		
Gaibandha		1000			0	
Rangpur	5,00,000	2000			0	
Sunamganj	5,00,000	-			0	
Sirajganj		2000			0	
Jamalpur		2000			0	
Tangail		2000			0	
Naogaon		2000			0	
Total	1,000,000	150,000		1,000		

Response to Covid-19 up to September 30, 2020: The mass people have been guided to maintain social distance in workplaces, public transports, and religious institutions and avoid any kind of public gatherings. DGHS has prepared guidelines for the organizations (both public and private) to be maintained during working hours. (Source: DGHS Health Bulletin, September 30, 2020).

Conclusion

A total of six hazards took place in this month with several incidents across the country. These incidents caused a huge loss of lives and properties and disrupted daily activities of people. GoB took initiatives to minimize the losses and also undertook necessary actions to provide support to the distressed people.

³[https://modmr.gov.bd/sites/default/files/files/modmr.portal.gov.bd/situationreport/9d152589_cc6c_46b7_8ac0_29863b94d5f0/Special%20Flood%20Situation%20Report%20\(31.07.2020\).pdf](https://modmr.gov.bd/sites/default/files/files/modmr.portal.gov.bd/situationreport/9d152589_cc6c_46b7_8ac0_29863b94d5f0/Special%20Flood%20Situation%20Report%20(31.07.2020).pdf)