



## Overview of Hazard Incidences in August 2021

In August 2021, 9 different hazards took place across Bangladesh i.e. Covid-19, riverbank erosion, boat capsizing, heavy rainfall, embankment collapse, lightning, bridge collapse, flood, and fire. Among them, the most devastating **COVID-19** affected a total of **2,50,065** persons across the country among which **5,510** persons died and **3,47,776** persons recovered according to the national report of August 2021. In terms of death, **Lightning** was another severe hazard that took the life of 25 persons and injured 21 in 9 districts. [NDRCC Disaster Situation Report](#) and different dailies reported a total of 272 incidences of **Fire** in which 7 people died and 8 sustained injuries. Bridge collapsed in one district which resulted in the death of 1 person while injured 4 more.

In 8 districts, 27 people died and 11 people went missing due to **Boat Capsizing**. **Riverbank Erosion** took place in Potuakhali, Jhalokathi, Bhola, and Lalmonirhat districts with huge loss of lives, properties, crops, and croplands. Moreover, **Heavy Rainfall** in 5 districts and caused severe waterlogging and huge loss of croplands, and millions of taka loss due to flooded fish ponds. **Embankment Collapsed** in Feni, Bogura, and Rangpur districts. Due to the **Flood** in 4 districts- Rajbari, Cox's Bazar, Bogra, and Kurigram, a total of 18765 households were affected along with an embankment and 30 km of road damaged partially.

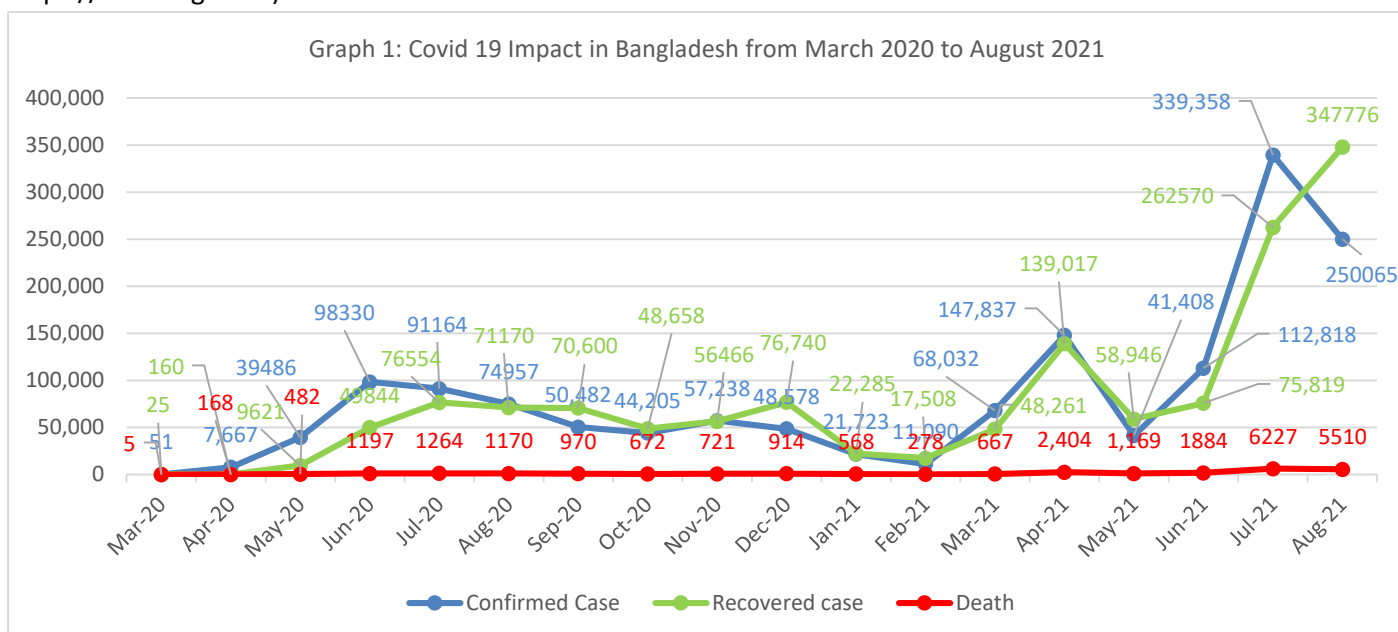


Monthly Hazard Incidence Calendar: August 2021						
Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				
<b>Index</b>	COVID 19	Heavy Rain	Lightning	Fire	Embankment Collapse	
	Boat Capsizing	Bridge Collapse	Flood	Riverbank Erosion		

## Description of Hazard Incidents in August 2021

### Covid-19 Pandemic in Bangladesh

The number of newly identified patients with Covid-19 was **2,50,065** from 1<sup>st</sup> August to 31<sup>st</sup> August 2021. In this month **3,47,776** persons recovered and total death was **5,510** which indicate both the number of death and the confirmed case is declining. From the very first case identified on March 8, 2020, the total number of Covid-19 patients is **15,02,681** among which **26,240** persons died and **14,26,596** persons recovered up to August 31, 2021. (Source: <https://corona.gov.bd>).



### Heavy Rainfall

Heavy rainfall took place in 5 districts i.e. Cox's Bazar, Bandarban, Khulna, Chandpur, and Sunamganj and caused severe waterlogging and huge loss of croplands. 500 fish ponds in Chandpur were flooded which amounts to be a loss of 10 million taka. While 30 fish ponds flooded in Sunamganj sadar. (Source: [prothomalo.com](http://prothomalo.com) August 11, 2021). 100 Rohingya families were moved to the shelter center due to heavy rainfall while 1600 households became waterlogged in 18 villages in Teknaf. Moreover, 100 hectares of seedbed were fully damaged and 960 hectare seedbed inundated in Khulna, and in Chattogram inundated seedbeds counts 100 hectares more. ([prothomalo.com](http://prothomalo.com) August, 2021).

Table 1: Impact of heavy rainfall incidences in August , 2021

Date	Location			Impact	Source
	Division	District	Upazila		
August 01	Chattogram	Cox's Bazar	Teknaf	18 villages inundated 1600 households became waterlogged	<a href="http://prothomalo.com">prothomalo.com</a> August 1, 2021
		Bandarban	Naikhongchari	40 houses damaged 100 Rohingya families moved to shelter center	<a href="http://prothomalo.com">prothomalo.com</a> August 1, 2021
August 02	Khulna	Khulna	Dacope	100 hectare seedbeds fully damaged 960 hectare seedbeds inundated	<a href="http://prothomalo.com">prothomalo.com</a> August 2, 2021
August 08	Chattogram	Chandpur	Sadar	Different parts of the town became waterlogged	<a href="http://prothomalo.com">prothomalo.com</a> August 8, 2021
August 09	Chattogram	Chandpur	Matlab uttar	100 hectare seedbeds inundated	<a href="http://prothomalo.com">prothomalo.com</a> August 9, 2021
August 10	Sylhet	Sunamganj	Sadar	30 fish ponds flooded 1 market place and 50 households inundated	<a href="http://prothomalo.com">prothomalo.com</a> August 10, 2021
August 11	Chattogram	Chandpur	Matlab uttar	500 fish ponds flooded, Loss of 10 million taka	<a href="http://prothomalo.com">prothomalo.com</a> August 11, 2021

## Lightning

Due to lightning In 9 districts, across the country, 25 people were killed and 21 were injured. The affected districts are namely Joypurhat, Chuadanga, Nawabganj, Natore, Mymensingh, Netrokona, Kishoreganj, Dinajpur, Rajbari. Among the districts, 5 women died in Nawabganj alone. (Source: <https://modmr.gov.bd> and National Dailies of August 2021).

**Table 2: Impact of lightning incidences in August 2021**

Date	Location			Impact	Source
	Division	District	Upazila		
August 02	Rajshahi	Joypurhat	Panchbibi	2 men (55, 53) died 4 men (aged 16, 22, 27, 55) injured	<a href="http://prothomalo.com">prothomalo.com</a> August 2, 2021 <a href="#">NDRCC, August 3, 21</a>
	Khulna	Chuadanga	Jibonnagar	1 man (50) died 1 Injured	
August 04	Rajshahi	Nawabganj	Sadar	5 women (aged 34, 60, 45, 30, 25) & 12 men (aged 42, 22, 35, 40, 70, 40, 15, 22, 45, 40, 24, 50) died 12 people injured.	<a href="http://prothomalo.com">prothomalo.com</a> August 4, 2021. <a href="#">NDRCC, August 5, 21</a>
	Dhaka	Kishoreganj	Sadar	2 men (aged 26, 32) died & 2 injured	
August 08	Mymensingh	Mymensingh	Sadar	1 man died	<a href="#">NDRCC, August 12, 21</a>
August 11	Rajshahi	Nature	Boraigram	1 man (18) died	
	Mymensingh	Netrokona	Purbadhala	1 man (65) died	
		Mymensingh	Sadar	1 man (49) died	
August 23	Rangpur	Dinajpur	Sadar	3 teenage boys (aged 10,11, 13) & 1 girl (10) died. 2 men (17, 18) injured.	<a href="#">NDRCC, August 24, 2021</a>
			Chiribandar	3 men (aged 26, 27, 30) died 1 injured	
	Sylhet	Sunamganj	Dharmapasha	2 men (aged 17, 32) died	
26 August	Dhaka	Rajbari	Gualandha	1 man died (15) and 1 injured.	<a href="http://Prothomalo.com">Prothomalo.com</a>

## Fire

From [NDRCC Daily Disaster Reports](#) and different dailies, 273 fire incidents was found among which 17 were reported in which 9 people died, 15 people were injured and 6 shops, 20 houses, , 11 warehouses burnt due to fire throughout this month. 3 cars were fully damage due to fire incidences. The estimated loss was 4 core 16 lakhs. Maximum damage of property and human death recorded in Dhaka division. In Sylhet , Rangpurand Rajshahi division where no impact were recorded due to fire incidences throught this month.

**Table 3 : Impacts of Fire incidences of August**

Division	No. of Incidents	Impacts
Barishal	10	No Impact Recorded
Chattogram	52	2 people injured, 6 shops and 3 cars fully damage, 8 houses burnt Losses of 16 lakhs tk
Dhaka	101	12 people injured 9 people died, 11 warehouse of Jhut and 12 houses burnt, 4 crore tk losses
Khulna	24	No Impact Recorded
Mymensingh	17	1 person injured
Rajshahi	25	No Impact Recorded
Rangpur	25	No Impact Recorded
Sylhet	19	No Impact Recorded

Note: More details are given in Annex -2

## Boat Capsize

In 8 districts, all over Bangladesh, namely Dhaka, Sunamgonj, Chattogram, Cox's Bazar, Faridpur, Brahmanbaria, Barisal, and Rajbari - 27 people died and 11 people went missing due to Boat Capsize. Details of boat capsizing incidences are given below.

Date	Location			Impact	Source
	Division	District	Upazila		
August 02	Dhaka	Dhaka	Keraniganj	2 child died & 23 injured	<a href="http://prothomalo.com">prothomalo.com</a> August 3, 2021
August 05	Sylhet	Sunamganj	Dirai	2 girls died	<a href="http://prothomalo.com">prothomalo.com</a> August 6,21
August 12	Chattogram	Chattogram	Sadar	2 died	<a href="http://jagonews24.com">jagonews24.com</a> August 16, 21
August 16	Chattogram	Cox's bazar	Teknaf	7 missing	<a href="http://jagonews24.com">jagonews24.com</a> August 17, 21
August 25	Dhaka	Faridpur	Sadar	2 missing	<a href="http://jagonews24.com">jagonews24.com</a> 25 August 21
August 27	Chattogram	Brahmanbaria	Bijoy Nagar	22 Died	<a href="http://NDRCC.org">NDRCC</a> , 28 August 2021
	Barisal	Barisal	Sadar	1 missing	<a href="http://jagonews24.com">jagonews24.com</a> 27 August 21
August 31	Dhaka	Rajbari	Goalanda	No impact recorded	<a href="http://jagonews24.com">jagonews24.com</a> 31 August, 21

## Flood

Due to the flood in 4 districts namely Rajbari, Cox's Bazar, Bogra, and Kurigram a total of 18,765 Households got affected along with the damage of embankments and 30 km of road. According to NDRCC daily disaster situation report, 73,995 people were affected due to the flood in Rajbari and Bogra district.

Date	Location			Impact	Source
	Division	District	Upazila		
August 9	Chattogram	Cox's bazar	9 Upazila, 50 Unions, 500 village Affected	30km road damaged.13 km embankment damaged,	<a href="http://jagonews24.com">jagonews24.com</a>
August 23	Dhaka	Rajbari	5 Upazila, 13 Unions, 67 Village Affected	7515 households became marooned 28795 people affected	<a href="http://NDRCC.org">NDRCC</a> , August 25, 21
August 28	Rajshahi	Bogra	2 Upazila, 16 Union	11150 HH affected, 45200 people affected 115 Ha. Crops damaged	<a href="http://NDRCC.org">NDRCC</a> , 29 August, 21
August 30	Rangpur	Kurigram	2 Upazila affected	100 HH affected	<a href="http://NDRCC.org">NDRCC</a> , 31 August, 21
August 31	Dhaka	Tangail	3 Upazila Affected	212 household affected	<a href="http://NDRCC.org">NDRCC</a> , 1 Sep, 2021

## Riverbank Erosion

Riverbank erosion affected with huge loss of lives, properties, croplands as well as crops in 4 districts i.e. Patuakhali, Jhalokathi, Bhola, and Lalmonirhat. 200 houses in Jhalokathi, along with 500 houses in Lalmonirhat and 10 houses in Patuakhali went into the river. (source: [prothomalo.com](http://prothomalo.com) , August 3<sup>rd</sup>, 2021 & [jagonews24.com](http://jagonews24.com), 29th August, 2021). According to [NDRCC Disaster Situation Report](http://NDRCC.org) on August 25, 2021, 1 boy went missing, while 1 cyclone shelter and 1 mosque washed away into the river. 8 km of Tetulia river bank in Bhola and around 7 km area in Jhalokathi has been

Date	Location			Impact	Source
	Division	District	Upazila		
August 03	Barishal	Patuakhali	Dumki	10 households swept into the river 19 families displaced.	<a href="http://prothomalo.com">prothomalo.com</a> August 3, 21
August 06	Barisal	Jhalokhati	Sadar	200 houses eroded into rivers, 1500 acre cropland eroded into river.	<a href="http://jagonews24.com">jagonews24.com</a>
August 07	Barishal	Bhola	Sadar	8 km of tetulia river bank is being eroded	<a href="http://prothomalo.com">prothomalo.com</a> August 7, 21
August 09	Barishal	Jhalokathi	Rajapur	Around 7 km area is being eroded	<a href="http://prothomalo.com">prothomalo.com</a> August 9, 21
August 24	Barishal	Jhalokathi	Sadar	1 cyclone shelter and 1 mosque washed away into the river 1 boy missing	<a href="http://NDRCC.org">NDRCC</a> , August 25, 21
August 29	Rangpur	Lalmonirhat	Kaliganj	500 houses washed away into river. 6 unions, 20 village impact	<a href="http://jagonews24.com">jagonews24.com</a> 29 August 21

eroded due to riverbank erosion. (Source: [prothomalo.com](http://prothomalo.com), August 7<sup>th</sup> & 9<sup>th</sup>, 2021). Details of the riverbank erosion impacts were addressed in the below table.

## **Embankment Collapse**

In August 2021, embankments collapsed in 3 districts – Bogura, Rangpur, and Feni. 300 families were affected in Feni due to embankment collapse. In Sunamganj district 50 houses, 100 shops were damaged and 30 ponds were overflowed in an embankment collapse. Moreover, 100 families became Waterlogged when 50m of and an embankment collapsed in Rangpur. (source: jagonews24.com August 15, 2021)

**Table 7: Impact of embankment collapse incidences in August , 2021**

Date	Location			Impact	Source
	Division	District	Upazila		
August 09	Rajshahi	Bogura	Dhunat	40 meter of embankment collapsed	<a href="http://prothomalo.com">prothomalo.com</a> August,2021
August 10	Sylhet	Sunamganj	Sadar	50 houses, 100 shops damaged. 30 ponds fish have been washed away.	<a href="http://prothomalo.com">prothomalo.com</a>
August 15	Rangpur	Rangpur	Sadar	50 m embankment collapsed. 100 families became Waterlogged .	<a href="http://jagonews24.com">jagonews24.com</a> August 15
August 29	Chattogram	Feni	Sonagazi	300 family Affected	<a href="#">NDRCC 30 August, 21</a>

## **Bridge Collapse**

On August 10<sup>th</sup>, 2021, in Shariatpur, 1 man died while 4 others were injured due to Bridge collapse. (source: [bdnews24.com](http://bdnews24.com) August 10, 2021)

**Table 8: Impact of bridge collapse incidences in August , 2021**

Date	Location			Impact	Source
	Division	District	Upazila		
August 10	Dhaka	Shariatpur	Shariatpur sadar	1 man died 4 people injured	<a href="http://bdnews24.com">bdnews24.com</a> August 10, 2021

## **GoB Response in August 2021**

### **Response to Covid-19 up to August 31, 2021**

The government managed to vaccinate 1st dose of covid-19 vaccines till 28<sup>th</sup> August 2021, to 180,70,967 (corona.gov.bd) people starting from January 27, 2021, to August 2021. From April 08, 2021, to August 2021, a total of 76,39,793 2nd doses vaccines were administered. As of 28<sup>th</sup> August 11,767 general beds, 594 Intensive care unit (ICU) beds, 299577 Oxygen cylinders, 1926 high flow nasal cannula, 112 central oxygen lines, 2,320 oxygen concentrators are available in the hospitals across the country, reports in dedicated government website for covid-19.

### **Response to Heavy Rainfall**

- 2000 packets of dry foods were distributed on 2nd August in Chandpur. ([NDRCC Disaster Situation Report](#), August 3, 2021)

### **Response to Lightning**

In 5 districts, the government allocated and distributed a total of BDT 670,000 to the families of the deceased and BDT 30,000 to the injured in August, 2021. See more details in the table below:



**Table 9: Government response to lightning in August 2021**

Date	District	Types of aid		Source
		Cash for deceased HH	Cash for injured HH	
August 23	Dinajpur	1,50,000 (25000*6 HH)	30,000 (10,000*3HH)	<a href="#">NDRCC, August 24, 2021</a>
	Sunamganj	50,000 (25,000*2HH)		<a href="#">NDRCC, August 24, 2021</a>
August 04	Nawabganj	4,00,000(25,000*16HH)		<a href="#">NDRCC, August 5, 2021</a>
	Kishoreganj	50,000(25,000*2HH)		<a href="#">NDRCC August 5, 2021</a>
August 26	Rajbari	20,000		Prothom Alo, 27 August 2021

#### **Response to Boat Capsize**

- BDT 4,40,000 was distributed to 22 families of the deceased each receiving BDT 20,000. (NDRCC daily disaster situation report, August 28, 2021)

#### **Response to Flood**

- 1,500,000 taka, 2500 packet dry food 300 MT GR rice have been distributed in Cox's Bazar district on 9<sup>th</sup> August ([NDRCC Disaster Situation Report](#), September 01, 2021)
- 1,000,000 taka and 213 MT Rice has been distributed in Rajbari district on 25<sup>th</sup> August. ([NDRCC Disaster Situation Report](#), September 01, 2021)
- 70 MT Rice has been distributed in Bogura district on 27<sup>th</sup> August. ([NDRCC Disaster Situation Report](#), September 01, 2021)

#### **Embankment Collapse**

- 300 Packets of dry food were distributed among affected families at Sonagazi Upazilla in Feni district.
- 300 GO bags were allocated for the event of the 15<sup>th</sup> August embankment collapsed in Rangpur district.

## **Conclusion**

A total of 9 hazards took place this month with multiple casualties of life and assets across the country. These incidents caused a huge loss of lives and properties and disrupted daily activities. Govt. took initiatives to minimize the losses and also undertook necessary steps to provide support to the distressed people.

## Annex 1: COVID 19 impacts in Bangladesh in August 2021

Date	Confirmed Case	Recovered	Death	Source
1-Aug	14,844	15,054	231	<a href="https://corona.gov.bd">Corona.gov.bd</a>
2-Aug	15,989	15,482	246	
3-Aug	15,776	16,297	235	
4-Aug	12,744	16,112	241	
5-Aug	12,744	15,786	264	
6-Aug	12,606	15,494	248	
7-Aug	8,136	16,383	261	
8-Aug	10,299	16,627	241	
9-Aug	11,463	14,411	245	
10-Aug	11,168	14,903	264	
11-Aug	10,420	13,313	237	
12-Aug	10,126	13,990	215	
13-Aug	8,465	11,457	197	
14-Aug	6,885	7,805	178	
15-Aug	6,684	11,371	187	
16-Aug	6,959	9,268	174	
17-Aug	7,535	12,950	198	
18-Aug	7,248	12,112	172	
19-Aug	6,566	10,153	159	
20-Aug	5,993	10,578	145	
21-Aug	3,991	7,666	120	
22-Aug	4,804	8,453	139	
23-Aug	5,717	8,982	117	
24-Aug	5,249	8,907	114	
25-Aug	4,966	7,808	114	
26-Aug	4,698	8,314	102	
27-Aug	3,525	6,485	117	
28-Aug	3,436	4,861	80	
29-Aug	3,948	6,466	89	
30-Aug	3,724	6,186	94	
31-Aug	3,357	4,102	86	
<b>Total in August 2021</b>	<b>250,065</b>	<b>347,776</b>	<b>5510</b>	

## Annex 2: Fire incidences in Bangladesh, August 2021

Date	Location			Impact	Source
	Division	District	Upazila		
August 04	Dhaka	Narayanganj	Rupganj	No impact record	<a href="#">NDRCC, August 5, 2021</a>
August 05	Dhaka	Dhaka	Savar	No impact	<a href="#">prothomalo.com</a> August 5, 21
August 06	Dhaka	Dhaka	Jatrabari	No Impact	<a href="#">lttefaq.com</a> August, 6 2021
August 09	Dhaka	Gazipur	Sadar	No impact	<a href="#">bdnews24.com</a> August 9, 21
	Chattogram	Chattogram	Hathajari	2 people injured	<a href="#">NDRCC, August 11, 21</a>
August 12	Dhaka	Gazipur	Sadar	6 warehouse of Jhut and 12 houses burnt 5 warehouses.	<a href="#">bdnews24.com</a> August 12, 21
August 13	Chattogram	Chattogram	Halishahor	No Impact Recorded	<a href="#">jagonews24.com</a> 13 August 21
August 15	Chattogram	Cumilla	Daudkandi	6 shops and 3 cars fully damage	<a href="#">jagonews24.com</a> August 15, 21
	Dhaka	Gazipur	Sadar	No Impact	<a href="#">jagonews24.com</a> 15 August, 21
August 16	Chattogram	Noakhali	Companiganj	8 houses burnt Losses of 16 lakhs tk	<a href="#">jagonews24.com</a> August 16, 21
August 21	Dhaka	Dhaka	Banani	No impact	<a href="#">NDRCC, report, August 21, 21</a>
August 22	Dhaka	Dhaka	Banani	2 died	<a href="#">jagonews24.com</a> 22 August, 21
August 24	Dhaka	Gopalganj	Kotalipara	4 crore tk loss	<a href="#">jagonews24.com</a> 25 August, 21
August 25	Dhaka	Dhaka	DNCC	7 people injured	<a href="#">NDRCC, August 26, 2021</a>
	Mymensingh	Netrokona	Sadar	1 person injured	
August 26	Dhaka	Dhaka	Mirpur	7 people injured	<a href="#">jagonews24.com</a> 26 August, 21
August 29	Dhaka	Narayanganj	Sadar	No impact	<a href="#">jagonews24.com</a> 30 August, 21