



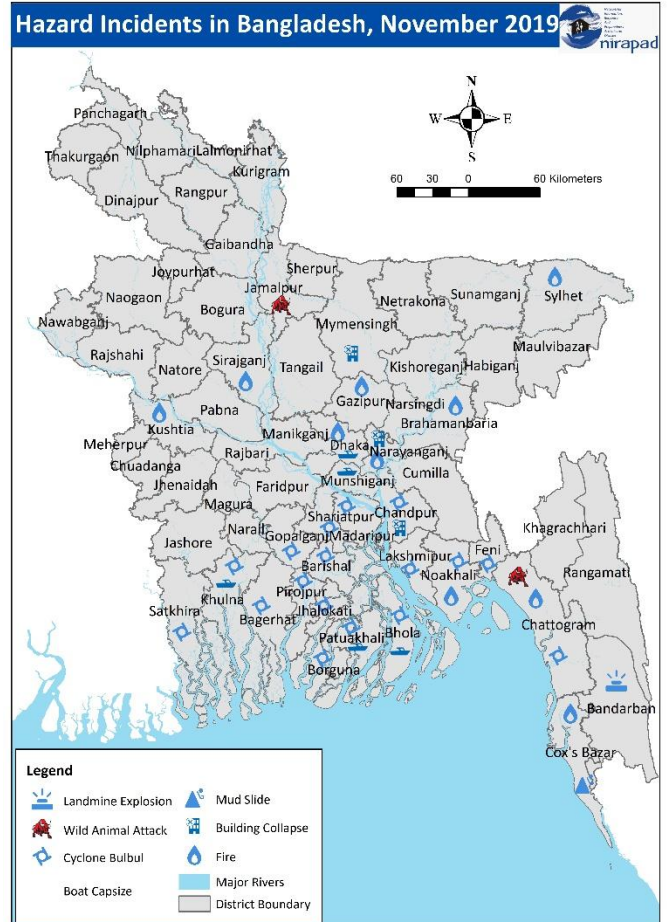
Overview of Hazard Incidents in November, 2019

In November, 2019, seven devastating hazards took place across Bangladesh including fire, cyclone Bulbul, boat capsizes, building collapse, mud slide, wild attack animal and landmine explosion.

The frequently occurred hazard of this month was fire with 18 incidents in 10 districts i.e. Dhaka, Chattogram, Sylhet, Gazipur, Sirajganj, Noakhali, Coxsbazar, Narayanganj, Kushtia and Brahmanbaria across the country among which Chattogram, Dhaka and Gazipur districts faced correspondingly four, three and two incidents.

The most devastating hazard of the month was Cyclone Bulbul took place Bangladesh in 10 November, 17 districts i.e. Bagerhat, Satkhira, Khulna, Barguna, Patuakhali, Barishal, Pirojpur, Lakshmipur, Bhola, Jhalokati, Feni, Chattogram, Noakhali, Chandpur, Sharaitpur, Madaripur and Gopalganj which killed 16 persons and injured 592 persons and 739304 persons affected, 154291 houses damaged.

Three districts Narayanganj, Mymensingh and Chandpur faced three incidents of building collapse which killed 2 persons and 49 injured and the massive roof collapse incident occurred at Matlab North upazila in Chandpur districts which injured 44 students. Boat Capsizes took place in five districts i.e. Bhola, Patuakhali, Munshiganj, Khulna and Dhaka which killed 13 persons and injured 6 persons. One mudslide incident happened in Teknaf, Coxsbazar in which one Rohingya refugee killed and 2 injured.



Source: NDRCC Reports and National Dailies, November 2019

November 2019						
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	Boat capsizes		Cyclone	Wild animal attack	Landmine explosion	
	Fire		Mudslide	Building collapse		

Description of the Hazard Incidents in November, 2019

Fire

In November 2019, 10 districts i.e Dhaka, Chattogram, Sylhet, Gazipur, Sirajganj, Noakhali, Coxsbazar, Narayanganj, Kushtia and Brahmanbaria faced 18 fire incidences which killed 13 persons, injured 40 persons, 79 shops, 5 houses, cotton go down and machine, 3 Bogeys of train burnt & losses of more than BDT 1 core 4 Lakh. Chattogram district faced highest number incidents (4) in this month and a massive fire incident happened at patharghata in Chattogram as a result of gas explosion which killed 7 persons and injured 20 persons on November 17, 2019. Another incident in Noakhali 10 persons injured and 50 shops & hotels burnt with loss of BDT more than 1 crore.

Table 1: Loss & damage by fire in November 2019				
Date	Location		Impact	Source
	District	Upazila		
November 01	Dhaka	Mirpur	• No impact reported	NDRCC Report, 2 November, 2019
November 02	Chattogram	City Corporation Area	• No impact reported	https://bangla.bdnews24.com , November 2, 2019
November 13	Chattogram	Satkania	• 9 shops burnt	https://www.prothomalo.com.bd , November 13, 2019
November 14	Sirajganj	Ullapara	• 3 Bogeys of train burnt	NDRCC Report, 14 November, 2019
November 16	Gazipur	Shreepur	• Cotton & machine burnt	https://www.prothomalo.com.bd , November 16, 2019.
November 17	Chattogram	Kothwali	• 7 people killed and 20 persons injured in gas line explosion at patharghata	NDRCC Report, 17 November, 2019
	Dhaka	Mirpur & Kakrail	• 1 person killed in Mirpur • 2 people killed in Kakrail.	NDRCC Report, 18 November, 2019
	Noakhali	Choumohoni	• 50 shops & hotels burnt. • 10 Persons injured loss of BDT more than 1 crore	https://www.dailystar.com , November 17, 2019
November 19	Coxsbazar	Moheshkhali	• 1 person killed	https://www.prothomalo.com.bd , November 20, 2019
	Dhaka	Sutrapur	• 16 Shops burnt	https://www.prothomalo.com.bd , November 20, 2019
November 20	Kushtia	Kushtia Sadar	• 4 Labors injured in boiler explosion	https://www.dhakatribune.com , November 23, 2019
November 22	Narayanganj	Fotullah	• 1 person killed	NDRCC Report, 23 November, 2019
November 23	Gazipur	Tongi	• Fire Chottola express	https://www.prothomalo.com.bd , November 23, 2019
November 24	Chattogram	Agrabad	• No impact reported	https://www.prothomalo.com.bd , November 24, 2019
November 26	Sylhet	Jaintapur	• 4 shops burnt,	NDRCC Report, November 27, 2019
			• 1 person killed • 6 persons injured	https://www.prothomalo.com.bd , November 27, 2019
November 28	Dhaka	Kawran bazar	• No impact reported	NDRCC Report, November 28, 2019
November 29	Brahmanbaria	Nasirnagar	• 5 houses burnt • Losses of BDT 4 Lakh	NDRCC Report, November 29, 2019
Total	13 persons killed, 40 persons injured, 79 shops, 5 houses, cotton go down and machine burnt, 3 Bogeys of train burnt & losses of more than BDT 1 core 4 Lakh.			

Building Collapsed

Three districts Narayanganj, Mymensingh and Chandpur faced three incidents of building collapse which killed 2 persons and 49 injured. One massive roof collapse incident occurred at Matlab North upazila in Chandpur districts which injured 44 students on November 24, 2019.

Date	Location		Impact	Source
	District	Upazila		
November 03	Narayanganj		<ul style="list-style-type: none"> • 1 school student is dead • 4 persons are injured 	<i>NDRCC Report, 3 November, 2019</i>
November 18	Mymensingh	Mymensingh city corporation	<ul style="list-style-type: none"> • 1 person killed & 1 person injured 	<i>https://www.dailysun.com.bd, November 18, 2019</i>
November 24	Chandpur	Matlab North upazila	<ul style="list-style-type: none"> • 44 students injured 	<i>https://www.thedailystar.com.bd, November 24, 2019</i>
Total	2 persons killed and 49 persons injured			

Mudslide

One mudslide incident happened in tekna, Coxsbazar on 5th November 2019 which killed one day labor. Source: <https://www.prothomalo.com.bd>, 5 November, 2019

Boat Capsize

Patuakhali, Bhola, Munshiganj, Khulna, Dhaka faced 5 incidents of boat capsizing which killed 12 persons, 1 person missing and injured 6 persons. In 10 November, 2019 A massive boat capsizing incident happened in Bhola Meghnaghat which killed 10 persons. Another boat capsizing incident in Dhaka Sadarghat happened which killed 1 person and injured 5 persons on 29 November, 2019.

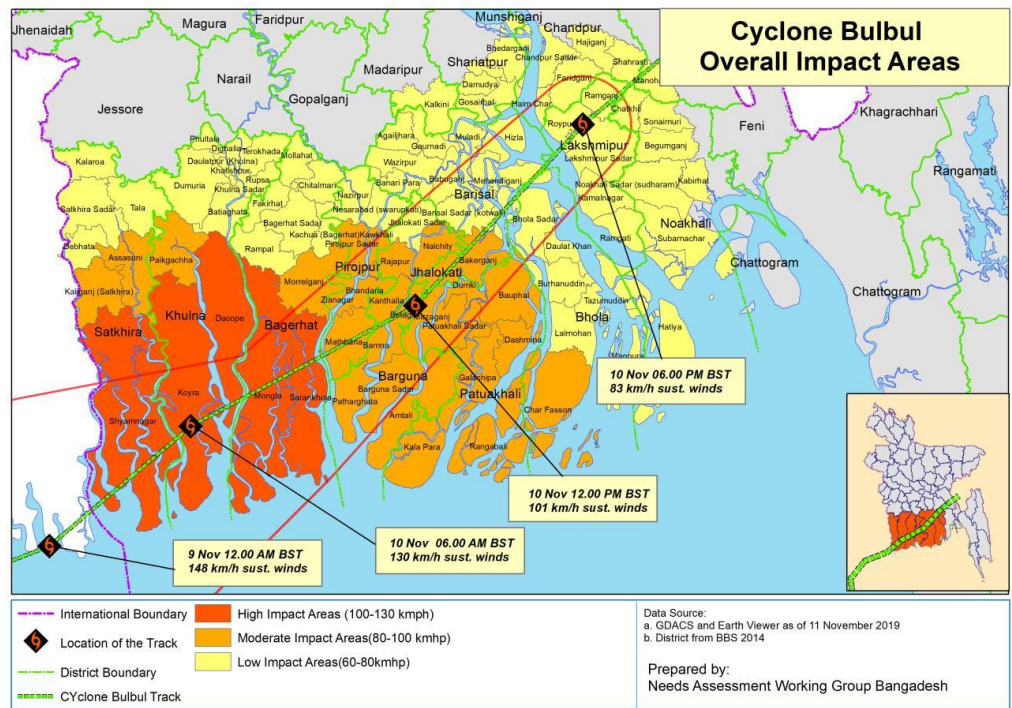
Date	Location		Impact	Source
	District	Upazila		
November 08	Patuakhali	Kalapara	<ul style="list-style-type: none"> • 1 person was missing 	<i>https://www.prothomalo.com.bd, 8 November, 2019</i>
November 10	Bhola	Charfesson	<ul style="list-style-type: none"> • 10 persons killed 	<i>NDRCC Report, 13 November, 2019</i>
November 17	Munshiganj	Gojaria	<ul style="list-style-type: none"> • A boat with sand was sunk 	<i>https://www.prothomalo.com, November 17, 2019</i>
November 24	Khulna	Da-kop	<ul style="list-style-type: none"> • 1 person killed 	<i>https://www.prothomalo.com.bd, November 24, 2019</i>
November 29	Dhaka	Sadarghat	<ul style="list-style-type: none"> • 1 person killed • 5 persons injured 	<i>https://www.prothomalo.com.bd, November 29, 2019</i>
Total	12 persons killed, 5 persons injured, 1 persons missing			

Cyclone Bulbul

According to NAWG Joint Rapid Assessment Final Report, Cyclone Bulbul was categorized as a Category 2 Cyclone and made land fall over India on 9th November 2019 and entered Bangladesh on 10th November, 2019 (local time 12.00am to 1.00am) with average wind speed of 148-130km/h into the eye of the cyclone to average precipitation was recorded as 100-200 mm/h with maximum volume of 400mm+. The cyclone Bulbul was one of the longest enduring cyclones in last 52 years and it stayed around 36 hours.

Coastal 102 Upazilas in 17 Districts of Bangladesh affected i.e. Bagerhat, Satkhira, Khulna, Barguna, Patuakhali, Barishal, Pirojpur, Lakshmipur, Bhola, Jhalokati, Feni, Chattogram, Noakhali, Chandpur, Sharaitpur, Madaripur and Gopalganj faced the cyclone Bulbul which killed 16 persons and injured 592 persons and 739304 persons affected, 154291 houses damaged. According to NAWG Report 94 upazilas in 14 districts are mostly affected

The cyclone Bulbul landfall on the Sundarbans area of West Bengal (India) and passes this mangrove forest and enter Bangladesh through Buri Goalini Range of the Sundarbans in the Shyamnagar upazila of Satkhira Districts in Bangladesh. All 63 camps and four range offices of the Bangladesh Forest



Department in Sundarban has conducted the initial assessment. In the west side of Sundarbans, 4,002 trees worth Tk 41.73 lakh were damaged; in the eastern areas of Sundarban, 587 trees worth around Tk 62,000 were damaged.

Table 4: Loss & damage by Cyclone (Bulbul) in November 2019				
Date	Location		Impact	Source
	District	Upazila		
November 10	Satkhira	8 Upazilas	<ul style="list-style-type: none"> • 217 persons injured • 244300 persons affected • 54040 houses damaged • 820 hectares cropland damaged • 5719 hectares fish cultivation area damaged 	NAWG Report, November 13,2019
	Bagerhat	4 Upazilas	<ul style="list-style-type: none"> • 2 persons killed & 5 persons injured and 78 unions affected • 132390 persons affected • 44563 houses damaged • 1306 hectares cropland damaged • 2852 hectares fish cultivation area damaged 	https://independent.com.bd , November 12, 2019 & NAWG Report, November 13,2019
	Khulna	9 Upazilas	<ul style="list-style-type: none"> • 3 persons killed at Dacope, Dighalia, Rupsha Upazila by branch of tree fell on them & 8 persons injured • 28 persons injured • 297500 persons affected • 47275 houses damaged • 605 hectares cropland damaged • 1888 hectares fish cultivation area damaged 	NDRCC Report, November 10, 2019 & NAWG Report, November 13,2019
	Barguna	6 Upazilas	<ul style="list-style-type: none"> • 1 persons killed & 3 persons injured • 26 persons injured • 12225 persons affected 	NDRCC Report & NAWG Report, November 13,2019

Table 4: Loss & damage by Cyclone (Bulbul) in November 2019

Date	Location		Impact	Source
	District	Upazila		
			<ul style="list-style-type: none"> • 2125 houses damaged • 374 hectares cropland damaged • 21 hectares fish cultivation area damaged 	
	Patuakhali	8 Upazilas	<ul style="list-style-type: none"> • 2 persons killed at Mirzaganj upazila • 5 persons injured. • 28 persons injured • 13759 persons affected • 2675 houses damaged • 769 hectares cropland damaged • 42 hectares fish cultivation area damaged 	<i>NDRCC Report & NAWG Report, November 13,2019</i>
	Barishal	Ujirpur	<ul style="list-style-type: none"> • 1 person killed • 3,500 houses damaged and low-lying areas and road. • Launch and other vehicular movement remain suspended and electricity connection disrupted. 	<i>https://thedailystar.com, November 13, 2019 & NAWG Report, November 13,2019</i>
	Pirojpur	7 Upazilas	<ul style="list-style-type: none"> • 1 person killed & 1 persons injured Najirpur • 217 persons injured • 16630 persons affected • 3326 houses damaged • 558 hectares cropland damaged • 36 hectares fish cultivation area damaged 	<i>NDRCC Report, November 10, 2019 & NAWG Report, November 13,2019</i>
			<ul style="list-style-type: none"> • 6 residential buildings, 17 non-residential buildings, 10 jetties, watchtowers, deer enclosures and different dykes of the Bangladesh Forest Department and many other structures were damaged 	<i>https:// thedailystar.com, November 13, 2019</i>
	Bhola	7 Upazilas	<ul style="list-style-type: none"> • 65 persons injured • 22500 persons affected • 287 houses damaged • 975 hectares cropland damaged • 270 hectares fish cultivation area damaged 	<i>NAWG Report, November 13,2019</i>
	Jhalokati	Kanthalia, Nalchity & Rajapur	<ul style="list-style-type: none"> • Crop field damaged 	
	Madaripur	Madaripur Sadar	<ul style="list-style-type: none"> • 1 person killed 	<i>http://theindependentbd.com, November 12, 2019</i>
		Rajoir	<ul style="list-style-type: none"> • 6 persons injured 	
	Sharaitpur	Naria	<ul style="list-style-type: none"> • 1 person killed 	
		Damuda	<ul style="list-style-type: none"> • 1 person killed 	
	Gopalganj	Kotalipara	<ul style="list-style-type: none"> • 2 persons killed 	
		Gopalganj Sadar	<ul style="list-style-type: none"> • 1 person killed 	
	Feni	6 Upazilas	<ul style="list-style-type: none"> • House, trees and crop field damaged 	<i>NDRCC Report, November 10, 2019</i>
	Chandpur	8 Upazilas		

Date	Location		Impact	Source
	District	Upazila		
	Chattogram	15 Upazilas		
	Lakshmipur	5 Upazilas		
	Noakhali	9 Upazilas		
Total	16 persons killed, 592 injured, 739304 persons affected, 157791 houses, 3818 hectares crop land, 10786 hectares fish cultivation area damaged 6 residential building, 17 nonresidential building, many other structures,			

Wild animal attack

Two districts i.e. Chattogram and Jamalpur faced two wild animal attack incidents which killed 4 persons. In Chattogram Baulkhali, A massive wild attack animal happened which killed 3 persons on 24 November, 2019.

Date	Location		Impact	Source
	District	Upazila		
November 24	Chattogram	Boalkhali	• 3 persons killed	https://www.prothomalo.com.bd , November 24, 2019
November 30	Jamalpur	Bakshiganj	• 1 person killed	https://www.prothomalo.com.bd , November 30, 2019
Total	4 persons killed			

Landmine Explosion

Landmine explosion happened in Bandarban in which one Rohingya refugee killed and two injured from in this incident. Source <https://www.dailystar.com.bd>, November 30, 2019

GoB Response in November 2019

Response to BulBul as per NAWG:

The Ministry of Disaster Management and Relief (MoDMR) conducted meeting on 9 November on 11am. They have coordinated the preparedness, information dissemination and response initiatives. Department of Disaster management of MoDMR has coordinated with local administration for evacuation and other preparatory tasks. "More than 2 million people had been taken to the shelters in 14 coastal districts with the logistics support; 55,515 CPP volunteers worked in 350 unions of the 13 vulnerable districts to aware people as well as inspire them to take shelters; The GoB allocated 2000 MT GR rice, 11 Million BDT GR cash, 1,400 packet dry food, 900,000 BDT for child food and 900,000 BDT for animal food to 13 risk prone districts;

DGHS and Health Cluster lead WHO are closely monitored the situation. A total 1577 Medical teams were formed and ready to tackle impending health problems. Safety, drinkable water, medical teams not only for people, but also for livestock assets. MoDMR disseminated early warning messages via print and electronic media and SMS. The anticipated affected district's administration has delivered messages to all fishing boats and trawlers. DAE disseminated early warning on upcoming cyclone and heavy rainfall on 6 November with an advisory to avoid probable damage of the crops.

District name	GR Rice in Met. Ton	GR Cash in BDT	Dry Food Packages	Animal Food in BDT	Food for Children in BDT
Bagerhat	400	1500000	2000	100000	100000
Barguna	400	1500000	2000	100000	100000

Table 10: Government Response in Cyclone Area					
District name	GR Rice in Met. Ton	GR Cash in BDT	Dry Food Packages	Animal Food in BDT	Food for Children in BDT
Barishal	200	1000000		100000	100000
Bhola	400	1500000	2000		
Chandpur	200	1000000			
Chittagong	200	1000000			
Feni	200	1000000			
Jhalokati	100	1000000		100000	100000
Khulna	400	1500000	2000	100000	100000
Lakshmipur	200	1000000			
Noakhali	200	1000000			
Patuakhali	400	1500000	2000	100000	100000
Pirojpur	400	1500000	2000	100000	100000
Satkhira	400	1500000	2000	100000	100000

Response to Fire: In fire incidents at Patharghata, Chattogram District, BDT 20,000 taka has been given to each victim's family by the district administration.

Response to Boat Capsize: BDT 20,000 taka has been given to each victim's family by the district administration at the Bhola Boat capsizing incident which killed 10 fishermen.

Conclusion

A total of 8 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.