

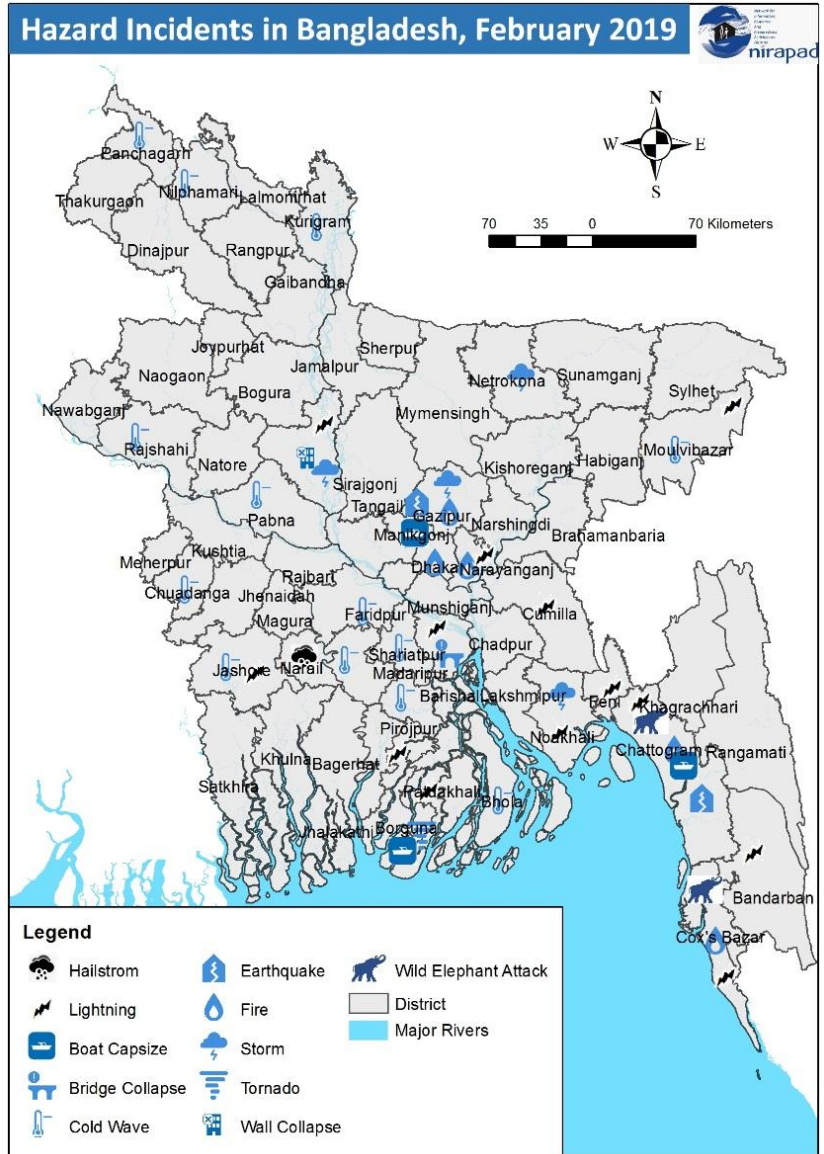
## Overview of Hazard Incidents in February, 2019

In February 2019, 11 devastating hazards took place across Bangladesh including lightning, hailstorm, storm, earthquake, cold wave, tornado, fire, boat capsizes, building collapse, bridge collapse and wild elephant attack.

The mostly occurred hazard of this month was fire with 16 incidents in five districts correspondingly Dhaka, Gazipur, Narayanganj, Chattogram and Cox's Bazar.

Lightning took place in 13 districts, i.e. Noakhali, Moulvibazar, Narayanganj, Cox's Bazar, Bandarban, Chattogram, Barguna, Feni, Jhalakathi, Jashore, Cumilla, Sirajganj and Madaripur correspondingly with 14 incidents.

Boat capsizes and storm were third in position with four incidents in three different districts each. Wild elephant attack and earthquake were also significant in number of incidents.



Source: NDRCC Reports and National Dailies, February 2019

February 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		
Index	Boat Capsize	Bridge Collapse	Cold Wave	Earthquake	Wild Elephant Attack	
	Hailstorm	Lightning	Storm	Tornado	Fire	Building Collapse

## Description of the Hazard Incidents in February, 2019

### Cold Wave

A mild cold wave took place in Moulvibazar, Jashore, Panchagarh, Barishal, Rajshahi, Kurigram, Chuadanga, Pabna, Nilphamari, Gopalganj, Faridpur, Madaripur and Bhola in February 01 to February 06. The lowest temperatures of these days were 8.2°C, 8.4°C, 8.9°C, 9.3°C, 8.2°C and 8.4°C in Jashore, Panchagarh, Rajshahi, Moulvibazar, Rajshahi & Chuadanga and Rajshahi correspondingly. Another incident of mild cold wave took place in Moulvibazar, Chuadanga and Panchagarh on February 11. The lowest temperature was recorded in Sremangal, Moulvibazar (8.4°C). But no impact was reported due to the two incidents of cold wave.

### Fire

Five districts, i.e. Dhaka, Gazipur, Narayanganj, Chattogram and Cox's Bazar faced 16 incidents of fire which killed 85 persons and injured 48 persons along with huge loss of properties. Dhaka was the highest in occurrence of five fire incidents in February, 2019. Shaheed Suhrawardy Medical College was affected by fire on February 14 due to short-circuit in the ground floor of the hospital building. A huge amount of drugs and logistics were burnt. But fortunately, the hospital staff managed to save the patients and referred 385 patients were referred to nearby hospitals. The most devastating incident of fire took place in Churihatta, Chawkbazar area of Dhaka on February 20. The fire caused death of 71 persons and injured 37 persons.

**Table 1: Loss & damage by fire in February 2019**

Date	Location		Impact	Source
	District	Upazila/ Thana		
February 02	Narayanganj	Fatullah	• Stockpiled lubricants burnt	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 02, 2019
February 05	Gazipur	Pubail	• No impact reported	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 02, 2019
February 09	Gazipur	Sreepur	• 14 rooms of a house burnt	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 09, 2019
	Dhaka	Uttara	• No impact reported	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 09, 2019
February 12	Chattogram	Mirsharai	• 3 persons killed & 2 injured	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 12, 2019
February 14	Dhaka	Sher-E-Bangla Nagar	• 15-20 AC, 200 Fan, 5-6 computers, drugs & logistics of dialysis burnt	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 17, 2019
	Gazipur	Tongi	• No impact reported	NDRCC report, February 15, 2019
February 16	Chattogram	Baklia	• 9 persons killed • 200 shanties burnt	<a href="https://www.thedailystar.net">https://www.thedailystar.net</a> , February 18, 2019
February 17	Dhaka	Khilkhet	• Property loss of BDT 10 lacs	NDRCC report, February 18, 2019
February 20	Dhaka	Chawkbazar	• 71 persons killed • 37 persons injured	<a href="https://bangla.dhakatribune.com">https://bangla.dhakatribune.com</a> , March 02, 2019
		Mohammadpur	• 7 persons injured • 1 bus & 1 pick-up van burnt	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 20, 2019
February 23	Cox's Bazar	Teknaf	• 17 shops burnt • Loss of approx. BDT 1 cr.	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 25, 2019
February 24	Cox's Bazar	Chakoria	• 9 shops fully & 3 shops partially burnt • Loss of BDT 40 lacs	
February 26	Gazipur	Gazipur sadar	• 2 shops burnt • Loss of BDT 5 lacs	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 26, 2019

Table 1: Loss & damage by fire in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 28	Dhaka	Vashantek	<ul style="list-style-type: none"> <li>• 2 persons killed</li> <li>• 2 persons injured</li> <li>• 1000 houses damaged</li> <li>• 600 families affected</li> </ul>	<i>NDRCC report</i> , February 28, 2019
		Keraniganj	<ul style="list-style-type: none"> <li>• Under-construction sub-station damaged</li> </ul>	<i>www.banglanews24.com</i> , , March 1, 2019
<b>Total</b>	85 persons killed & 48 persons injured; 1001 houses, 200 shanties, 15-20 AC, 200 Fan, 5-6 computers, drugs & logistics of dialysis, 1 bus, 1 pick-up van & 12 shops burnt. Approximate loss of BDT 1 crore 55 lacs.			

### **Boat Capsize**

Boat capsized took place in three districts, i.e. Chattogram, Dhaka and Barguna correspondingly with four incidents causing death of eight persons and injury of one person along with 14 persons were missing. In Chattogram, a boat was capsized in the mid of Bay of Bengal with 20 crews on February 4. Five persons were rescued alive by the Coast Guard and one person was dead but the other 14 crews were missing. One major incident took place in Turag River of Savar area and killed two persons. Another incident occurred in Barguna on February 28 which caused death of one person and injury of another one person.

Table 2: Loss & damage by boat capsized in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 04	Chattogram	Anwara	<ul style="list-style-type: none"> <li>• 5 persons killed</li> <li>• 14 persons missing</li> </ul>	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 05, 2019
February 07	Dhaka	Savar	<ul style="list-style-type: none"> <li>• 2 persons killed</li> </ul>	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 07, 2019
February 25	Chattogram	Shitakunda	<ul style="list-style-type: none"> <li>• 1 speedboat sank</li> </ul>	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 25, 2019
February 28	Barguna	Pathorghata	<ul style="list-style-type: none"> <li>• 1 person killed</li> <li>• 1 person injured</li> </ul>	<i>www.banglanews24.com</i> , March 1, 2019
<b>Total</b>	8 persons killed, 1 person injured, 14 persons missing and 1 speedboat sank			

### **Wild Elephant Attack**

Chattogram and Cox's Bazar faced wild elephant attack on February 15 and February 20 respectively in which two persons were killed. In Chattogram, a person was chased and killed by a wild elephant while cutting trees in the hilly areas. The other incident took place in a Rohingya camp of Cox's Bazar and one person was killed. Also, two houses were damaged by the wild elephant.

Table 3: Loss & damage by wild elephant attack in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 15	Chattogram	Rangunia	<ul style="list-style-type: none"> <li>• 1 person killed</li> </ul>	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 15, 2019
February 20	Cox's Bazar	Teknaf	<ul style="list-style-type: none"> <li>• 1 person killed</li> <li>• 2 houses damaged</li> </ul>	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 20, 2019
<b>Total</b>	2 persons killed & 2 houses damaged			

### **Bridge Collapse**

The only incident of bridge collapse took place in Shariatpur on February 15 which caused disruption of connectivity in the regional highway of Shariatpur-Chandpur.

Table 4: Loss & damage by bridge collapse in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 15	Shariatpur	Vedorganj	• Shariatpur-Chandpur highway connectivity disrupted	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 15, 2019
<b>Total</b>	Shariatpur-Chandpur highway connectivity disrupted			

### Lightning

Lightning with 14 incidents in 13 districts was another devastating hazard of February 2019 killed 15 persons and injured three persons. In Noakhali, two persons were killed by lightning on February 18. In Bandarban, one person was killed and three persons were injured due to lightning. Moulvibazar, Narayanganj, Cox's Bazar, Chattogram, Barguna, Feni, Jhalakathi, Jashore, Brahmanbaria, Cumilla, Sirajganj and Madaripur in the last week of the month, experienced death of one person each in separate incidents.

Table 5: Loss & damage by lightning in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 17	Noakhali	Shonaimuri	• 2 persons killed	<i>NDRCC report</i> , February 18, 2019
	Moulvibazar	Kamolganj	• 1 person killed	<i>NDRCC report</i> , February 18, 2019
	Narayanganj	Araihazar	• 1 person killed	<i>NDRCC report</i> , February 18, 2019
February 25	Cox's Bazar	Maheshkhali	• 1 person killed	<a href="https://www.dhakatribune.com">https://www.dhakatribune.com</a> , February 25, 2019
	Bandarban	Naikhongchhari	• 1 person killed • 3 persons injured	<a href="https://www.dhakatribune.com">https://www.dhakatribune.com</a> , February 25, 2019
	Chattogram	Bashkhali	• 1 person killed	<i>NDRCC report</i> , February 26, 2019
	Barguna	Betagi	• 1 person killed	<i>NDRCC report</i> , February 26, 2019
February 26	Feni	Shonagaji	• 1 person killed	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 26, 2019
	Jhalakathi	Nolchiti	• 1 person killed	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 26, 2019
	Jashore	Sharsha	• 1 person killed	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 26, 2019
	Brahmanbaria	Barhatta	• 1 person killed	<i>NDRCC report</i> , February 26, 2019
February 27	Cumilla	Homna	• 1 person killed	<i>NDRCC report</i> , March 01, 2019
	Sirajganj	Bangabandhu bridge west	• 1 person killed	<a href="https://bangla.bdnews24.com">https://bangla.bdnews24.com</a> , February 27, 2019
	Madaripur	Rajair	• 1 person killed	<a href="http://www.prothomalo.com">www.prothomalo.com</a> , February 27, 2019
<b>Total</b>	15 persons killed & 3 persons injured			

### Building Collapse

The only incident of building collapse took place in Sirajganj on February 17 which killed two persons and injured one person while a wall of an under-construction building was collapsed.

Table 6: Loss & damage by building collapse in February 2019				
Date	Location		Impact	Source
	District	Upazila/ Thana		
February 17	Sirajganj	Raiganj	• 2 persons killed • 1 person injured	<a href="https://www.prothomalo.com">https://www.prothomalo.com</a> , February 17, 2019
<b>Total</b>	2 persons killed & 1 person injured			

### Earthquake

Two incidents of earthquake took place Chattogram and Gazipur on February 17 and February 25 respectively. Though any impact was not reported due to the incidents, basic service facilities were disrupted for a while in the affected areas.

Date	Location		Impact	Source
	District	Upazila/ Thana		
February 17	Chattogram	All	• No impact reported	<i>NDRCC report, February 17, 2019</i>
February 25	Gazipur	All	• No impact reported	<i>NDRCC report, February 26, 2019</i>
<b>Total</b>	No impact reported			

### **Storm**

Storm occurred in four districts, i.e. Netrokona, Noakhali, Sirajganj and Gazipur with five incidents causing death of 2 person along with a loss of properties. Netrokona, Sirajganj and Gazipur faced storm on February 17, 27 and 28 respectively. A person was killed in the incident of Sirajganj. A huge loss of properties was faced by two upazilas of Gazipur including houses and educational institutions.

Date	Location		Impact	Source
	District	Upazila/ Thana		
February 17	Netrokona	Kendua	• 37 families & 2 educational institutions faced damage	<i>NDRCC report, February 19, 2019</i>
February 25	Noakhali	Hatiya	• 70 <i>katcha</i> houses damaged • 1000 tons of dried fish damaged	<i>https://www.prothomalo.com, February 17, 2019</i>
February 27	Sirajganj	Bangabandhu bridge west	• 1 person killed	<i>www.banglanews24.com, February 27, 2019</i>
February 28	Gazipur	Kapashia	• 20 houses , 1 primary school, 1madrasa & 1 mosque damaged	<i>www.banglanews24.com, March 1, 2019</i>
		Sreepur	• 150 houses damaged partially under 3 union	
<b>Total</b>	1 person killed; 240 houses, 1000 tons of dried fish, 1 mosque; 37 families & 4 educational institutions faced damage			

### **Hailstorm**

The only incident of hailstorm took place in two upazilas of Narail on February 27. Two persons were injured with loss of property. Many cranes and migratory birds were also killed in birds' conservation shelter at Arunima Eco Park.

Date	Location		Impact	Source
	District	Upazila/ Thana		
February 27	Norail	Kalia	• 2 persons injured • 2 houses damaged • Cranes and migratory birds killed	<i>NDRCC Report, March 01, 2019</i>
		Lohagara	• 1800 acres of vegetables damaged • 12 unions damaged	<i>NDRCC Report, March 01, 2019</i>
<b>Total</b>	2 persons injured, 2 houses, 1800 acres of vegetables in 12 unions damaged, cranes and migratory birds killed			

### **Tornado**

The only incident of tornado took place in three upazilas of Barguna on February 28 and affected 500 families.

Date	Location		Impact	Source
	District	Upazila/ Thana		
February 28	Barguna	Bamna	• Affected 500 families	<i>NDRCC Report, March 1, 2019</i>
		Pathorghata		
		Barguna Sadar		
<b>Total</b>	500 families were affected			

## GoB Response in February 2019

### Response to fire:

In the fire incident of Chattogram occurred on February 17, each family of the seven dead persons were given BDT 20 thousand each by Ministry of Disaster Management and Relief (MoDMR). In the incident of Chwakhazar, Dhaka occurred on February 20; GoB provided BDT 30 lacs for the treatment of the burnt patients in the burn unit of Dhaka Medical College. Also, every family of the dead persons' were given BDT 20 thousand for the funeral. In addition, to measure the damages and formulate future initiatives of GoB, six committees were formed in an emergency meeting of Ministry of Disaster Management and Relief chaired by Honorable State Minister Dr. Enamur Rahman MP. The committees are:

1. Committee for collaboration of treatment of the injured patients in the burn unit
2. Dead body management committee
3. Committee for providing psycho-social support to the distressed families of dead persons'
4. Committee for finding out cause of fire and formulating future initiatives
5. Committee for collaboration with institutions taking part in fire extinguishing
6. Committee for formulating reports on fire

For the affected people of Vashantek fire incident on February 28, BDT 20 thousand for funeral of two dead children was given to their families and BDT 10 thousand for each injured was provided by the District Commissioner from fund of Ministry of Disaster Management and Relief (MoDMR). Also, with the help of local people MoDMR arranged shelter for the distressed in BRP community center and provided cooked food to them. Along with this, on March 1, MoDMR distributed dry food packets to the victims that consisted with five kg rice, one kg pulse, one kg sugar, one kg salt, one kg biscuit, one liter oil, 500 gm puffed rice, one dozen candle and match boxes.

### Response to tornado:

In Barguna, 120 bundles of tin, 13 metric tons of rice and BDT 3 lacs 60 thousand for wage of building workers and for food purpose BDT one lac 30 thousand was allocated from the relief and rehabilitation department of the district administration. For humanitarian assistance, BDT 10 lacs and BDT two thousand packets of dry foods are also requested to allocate for the affected people.

## Conclusion

A total of 11 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.