












































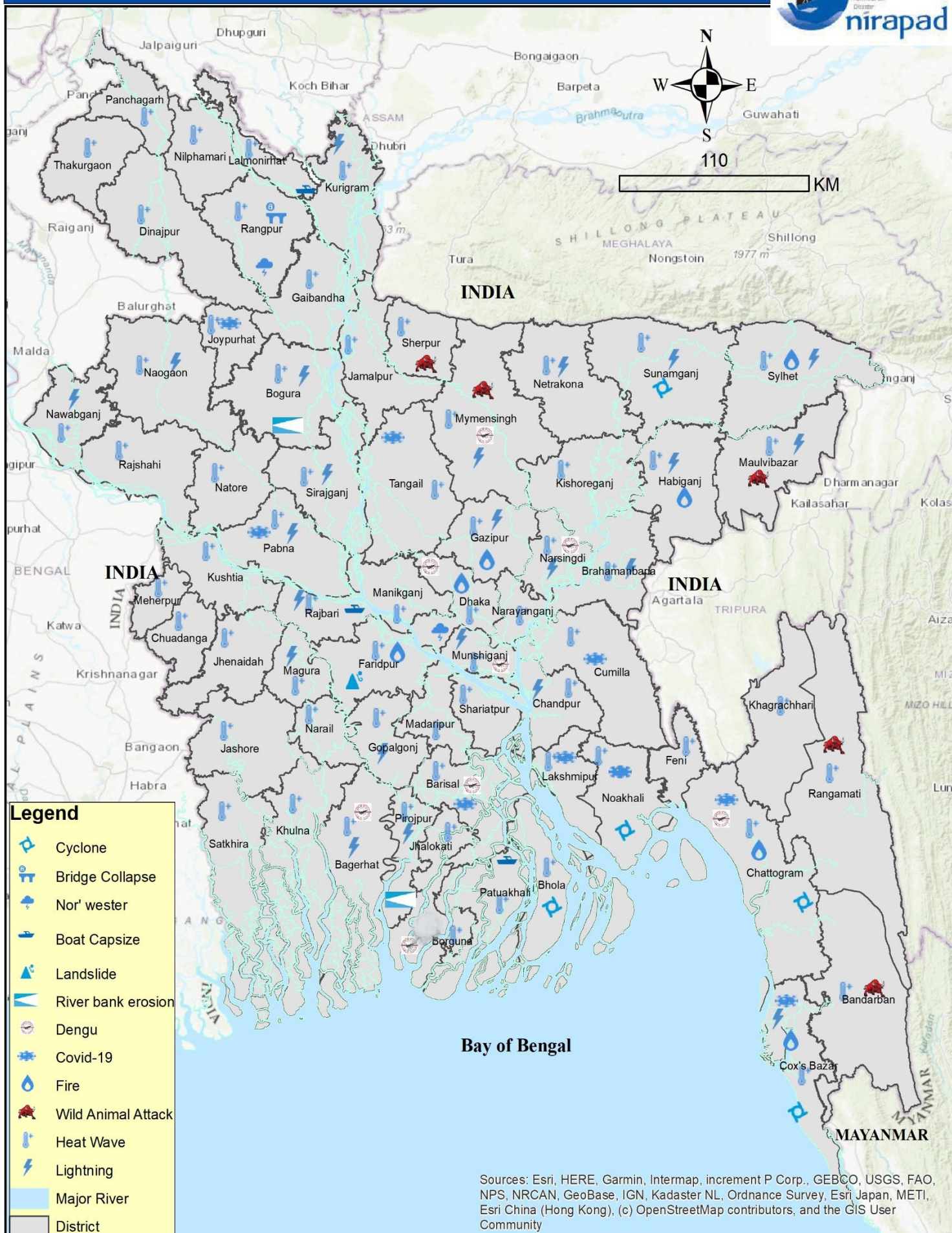


## Overview of Hazard Incidences in May 2023

In May 2023, **twelve** types of hazard incidents occurred across Bangladesh, including, **Boat Capsized, Bridge Collapse, Covid-19, Cyclone, Dengue, Fire, Heat Wave, Land Slide, Lightning, Nor ‘wester, Riverbank Erosion, and Wild Animal Attacks**. According to the daily newspaper **28** **Lightning** incidents are recorded which resulted in the cause of death toll of **37** people and **20** people were injured. With reference to the daily hazard situation report of [MoDMR](#) and [DDM](#), a total **714** fire incidents took place across the country in May resulting in **Eight** people died, **fourteen** were injured, and several property damages were recorded such as shops, houses, family's houses, etc. The estimated losses were recorded as approximately **70** lakhs. **Five Wild Animal Attack** events took place on several dates in May which resulted in **five** deaths in different districts namely Mymensingh, Sherpur, Moulvibazar, Rangamati, Bandarban districts. On the other hand, one incident of **Land Slide** occurred at Sadarpur upazila in Faridpur where **three** workers were killed, and **four** others injured after the landslide. Based on the [DGHS](#) daily situation report, the confirmed cases and death of **Dengue** increased in May compared with April month. In May, just **9** **districts** suffered from dengue, and as usual Dhaka district reported the highest dengue infected patients. In May a total of **235** confirmed case was identified and total death toll was **two**. According to [sDDM](#), a total of **4** districts, **26** Upazilas (sub-districts), **99** unions, and **429,337** Bangladeshi nationals were affected by the **cyclone Mocha**. A **Bridge Collapsed** happened at Pirgacha upazila in Rangpur resulted communication system disruption and it disconnected 250,000 people from 60 villages across five unions in Pirgacha upazila. **One** incident of **Boat Capsized** happened in Rajbari district. Due to Boat Capsized, about **1 lakh taka** loss was reported. In the district of Shariatpur and Pirojpur, **two incidents** of **Riverbank Erosion** occurred which caused many infrastructural, crops land damages. In this month, **three** **nor ‘wester** incidents hit in Dhaka and Rangpur and Satkhira. In Rangpur about **One** thousand houses were damaged and many plants were uprooted at Pirgacha and Kaunia Upazila of the district. **Covid-19** affected a total number of **110** people in **20** districts in May 2023. According to the national report published by [DGHS](#) in May 2023, due to **Covid-19** no death is reported and **613** recovered. Besides, the country has experienced a total of **four** different levels of **heat wave** in **64** districts where **mild, mild to moderate, and extreme** heat wave. The maximum temperature was recorded at **41.2** degrees Celsius at **Chuadanga** during heat wave situations on **9 May 2023**. No casualties were recorded due to the heat wave.

Monthly Hazard Incidence Calendar: May 2023						
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>	 Wild Animal Attack	 Dengue	 Boat Capsize	 Riverbank Erosion	 Fire	 Heat Wave
 Nor 'wester	 Land Slide	 Covid-19	 Lightning	 Bridge Collapse	 Cyclone	

# Monthly Hazard Incidence Map in Month of May 2023





## Description of Hazard Incidents in May 2023

### Boat Capsized

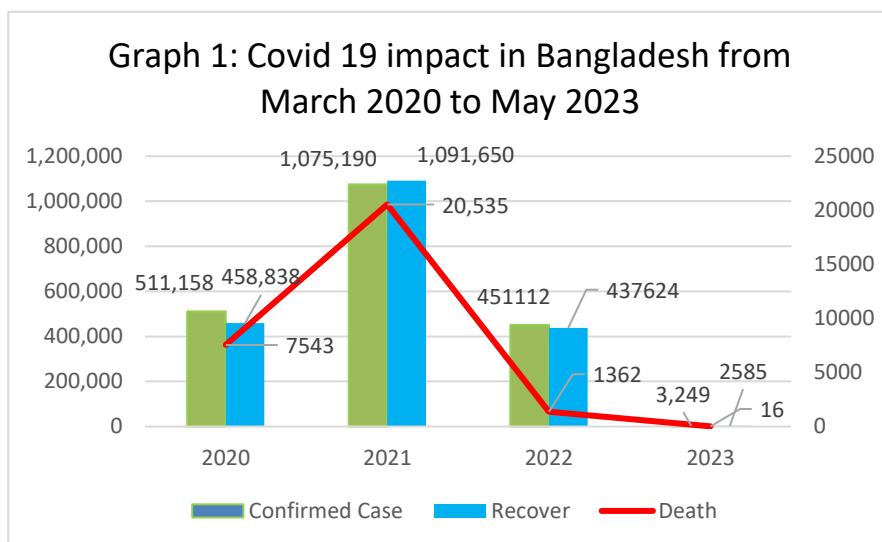
One incident of **Boat Capsized** happened in Rajbari district on 18 May 2023. Due to Boat Capsized, about **one lakh taka** loss was reported ([prothomalo](#)).

### Bridge Collapse

A **Bridge Collapsed** happened at Pirgacha upazila in Rangpur on 30 May in 2023. As a result of this incident, the communication system was suspended, and it disconnected **250,000** people from **60** villages across five unions in Pirgacha upazila. On the other hand, farmers cannot travel to markets for purchasing essential supplies such as seeds and fertilizers ([dhakatribune](#)).

### Covid-19

The number of newly identified patients with **Covid-19** has **110** from **1<sup>st</sup> May to 31<sup>st</sup> May 2023**. In this month **613** people have **recovered**, and no death which indicates both the number of death and the confirmed cases have decreased compared to April. The total number of confirmed cases has **2039347** from the first identification of Covid-19 in Bangladesh in March 2020. The total death and recovered to the end of April was **29446** and **2006267** respectively [DGHS](#). See the details in [Annex1](#) for more details information.



### Cyclone

According to the Department of Disaster Management (DDM) and the Ministry of Disaster Management and Relief (MoDMR) several damages were caused by Cyclone Mocha. The assessment revealed that a total of **4** districts, **26** Upazilas (sub-districts), **99** unions, and **429,337** Bangladeshi nationals were affected by the cyclone. The damage assessment identified 2,052 fully damaged houses and **10,692** partially damaged houses. **703** acres of cropland have been destroyed. On the other hand, according to the Department of Public Health Engineering (DPHE) primarily in Teknaf, **11,555** latrines and **266** water points have been damaged. The volume of solid waste has also increased due to debris, fallen branches, and damaged infrastructure.

### Dengue

Based on [DGHS](#) daily situation report, the confirmed cases and death of **Dengue** increased in May compared with April month. In May, just **24** districts suffered from dengue, and as usual, **Dhaka** has the highest number of confirmed cases (**864**) and deaths (**2**). Secondly, the Chattogram district confirms cases (**81**). In May the total number of confirmed cases are **1037** and a total of **2** people died whereas in April it was lower compared to May. See the details in [Annex 2](#).

### Fire

According to the [NDRCC](#) report and different dailies, **714** fire incidents took place across the country in May 2023. Dhaka division reported the highest number of fire incidents (**182**), followed by Chattogram division (**113**), Rangpur division (**107**), Khulna division (**94**), Mymensingh division, (**79**), Rajshahi division (**67**), Sylhet division (**37**), Barishal Division (**35**). Among the **714** incidents, **eight** people **died**, **fourteen** were **injured**, and several property damages were recorded such as shops, houses, family's houses, etc. The

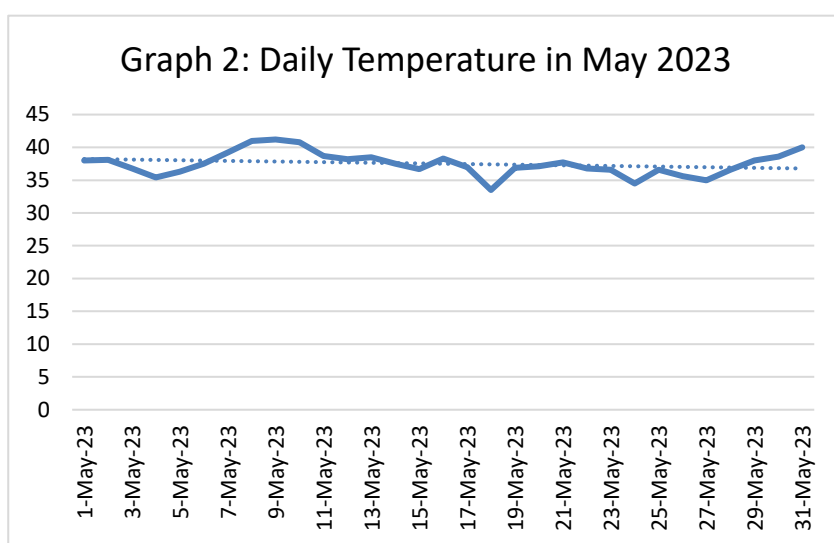
estimated losses were recorded as approximately **70 lakhs**. For more details, see [Annex 3](#) and the below table.

Division	No. of Incidents	Impacts
Barishal	35	Three people were died, three people were injured and some shops of the market were burned
Chattogram	113	Five people died and one child were injured, more than 20 houses were burned, 32 shops including their cosmetics burned, one watercraft burned
Dhaka	182	6 people were injured in those fire
Khulna	94	One person was injured
Mymensingh	79	One person was injured
Rajshahi	67	No casualties reported
Rangpur	107	Two people were injured, and some ingredients were burned
Sylhet	37	Approximately 70 lakh taka loss, some furniture, and electronics materials loss

Total: Eight people died, fourteen were injured, and several property damages were recorded such as shops, houses, family's houses, etc. The estimated losses were recorded as approximately 70 lakhs

### Heatwave

This month, there were a total of **four Heat Wave** events, **one Mild to Moderate and extreme heatwave** occurred between **7 to 17 May**, **one mild to moderate** heat wave events on from **30-31 May**, and **two mild** form 1-3 May and 20-24 May heatwave was blown throughout the country. The first one was a **mild heat wave** that occurred in **four** districts namely Chottogram, Rangamati, Feni, Barisal respectively and the heat wave in different categories was continuous in districts. Besides, Rajshahi, Netrokona, Khulna, Chudanga, Kustia, Patuakhali, Pabna, Bagura, Dinajpur, Nilphamari districts have experienced an extreme heat wave this month. The maximum temperature was recorded at **41.2** degrees Celsius at **Chuadanga** during heat wave situations, on **9<sup>th</sup> May 2023** (DDM). The daily maximum temperature showed a negative trend in May compared to April 2023. More details in [Annex-4](#)



### Land Slide

One incident of **Land Slide** occurred on **31<sup>st</sup> May 2023** at Sadarpur upazila in Faridpur where Three workers were killed and four others injured after a landslide [dailystar](#).

### Lightning

This month, **28 Lightning** incidents are recorded which resulted in the cause of death toll of **37** people and **20** people were injured. There were **22** districts namely Netrokona, Sunamganj, Moulovibazar, Hobigonj, Rajbari, Narsingdi, Chapainawabganj, Pabna, Sirajganj, Pirojpur, Bogura, Gazipur, Cox's Bazar, Bramhanbaria, Munsigonj, Magura, Kurigram, Chandpur, Gopalganj, Mymensingh, Mongla, Naogaon where lightning event recorded. More details are in [Annex 5](#).

### Nor' wester

**Three** incidents of **nor 'wester** took place on the **16<sup>th</sup> and 24<sup>th</sup> May 2023** in Dhaka, Rangpur and Satkhira respectively. In Rangpur about One thousand houses were damaged and many plants were uprooted at

Pirgacha and Kaunia Upazila of the district ([bd-pratidin](#)). On the other hand, In Dhaka no casualties were reported due to nor' wester ([prothomalo](#)). At Asassuni Upazila of Satkhira Districts, **some houses were damaged** and **many trees were uprooted** during nor 'wester on 24<sup>th</sup> May 2023 [dainikdristipat](#).

### **Riverbank Erosion**

Based on different national dailies, **Riverbank Erosion** occurred in the Bogura and Pirojpur districts. At Sariakandi Upazila of Bogura Districts, 15 houses and 1 hector cultivated land were disappeared in the Jumuna river ([prothomalo](#)). On the other hand, due to the river bank erosion markets, roads and feri has been disappearing in the river ([prothomalo](#)).

### **Wild Animal Attack**

**Five Wild Animal Attack** events took place on several dates in May which resulted in **five** deaths in different districts. On 1<sup>st</sup> May 2023 a wild elephant attacked in Sherpur district Sreebardi upazila which resulted in **one** person dying and **one** person injured ([prothomalo](#)). On 2nd May 2023, some elephants attacked at Haluaghat Upazila in Mymensingh where **one** farmer died ([prothomalo](#)). On the other hand, two wild elephants attacked on 7<sup>th</sup> May 2023 at Juri and Lama in Moulvibazar and Bandarban respectively which resulted **two** people died ([dhakatribune](#)), ([prothomalo](#)). On 29<sup>th</sup> May 2023, a member of the village defense force died in an attack by a wild elephant at Barkal Upazila in Rangamati [dhakatribune](#).

## **GoB Response**

### **Response to Lightning**

In Magura District after a lightning incident Local administration allocated Tk25,000 each to the victims' families on 10<sup>th</sup> May 2023 [dhakatribune](#). On 23<sup>rd</sup> May 2023, upazila administration of Nasirnagar in Brahmanbaria gave Tk25,000 to the family of the deceased [dhakatribune](#). After a lightning event at Modon upazila administration gave Tk20,000 to the family of the deceased [samakal](#).

## **Conclusion**

A total of **Twelve types of** hazards took place in May 2023 with multiple casualties of life and assets across the country. These incidents caused a huge loss of lives and properties and disrupted daily activities.

## Annex 1: Covid-19 impacts in May 2023

Divisions	Districts	Confirmed Cases	Deaths
Barishal	Barisal	5	0
Chottogram	Chittagong	5	0
Chottogram	Cox's Bazar	1	0
Chottogram	Noakhali	1	0
Chottogram	Lakshmipur	1	0
Chottogram	Comilla	1	0
Dhaka	Dhaka	1	0
Dhaka	Gazipur	29	0
Dhaka	Madaripur	1	0
Dhaka	Narayanganj	12	0
Dhaka	Narsingdi	1	0
Khulna	Khulna	1	0
Mymensingh	Jamalpur	2	0
Mymensingh	Mymensingh	5	0
Mymensingh	Netrakona	2	0
Mymensingh	Sherpur	1	0
Rajshahi	Joypurhat	8	0
Rajshahi	Pabna	4	0
Rajshahi	Sirajganj	3	0
Rangpur	Dinajpur	2	0
Sylhet	Sylhet	24	0
In May a total of 110 confirmed cases were identified. Total death was 0			Source: <a href="#">DGHS</a>

## Annex 2: Dengue impact in May 2023

Division	District	Confirm case	Death
Barishal	Barguna	4	0
Barishal	Barisal	32	0
Barishal	Patuakhali	3	0
Barishal	Pirojpur	1	0
Chottogram	Chandpur	6	0
Chottogram	Chittagong	55	3
Chottogram	Comilla	3	0
Chottogram	Cox's Bazar	12	0
Chottogram	Feni	1	0
Chottogram	Khagrachari	4	0
Dhaka	Dhaka	864	2
Dhaka	Kishoreganj	1	0
Dhaka	Madaripur	2	0
Dhaka	Manikganj	19	0
Dhaka	Narsingdi	5	0
Dhaka	Rajbari	4	0
Khulna	Bagerhat	1	0
Khulna	Jessore	1	0
Khulna	Khulna	3	0
Khulna	Magura	1	0
Khulna	Narail	1	0
Khulna	Satkhira	1	0
Mymensingh	Mymensingh	12	0
Sylhet	Sylhet	1	0
In May a total of 1037 confirmed cases were identified. Total death was 2			Source: <a href="#">DGHS</a>

## Annex 3: Fire impacts in May 2023

Date	Division	District	Upazila	Impact	Sources
1-May-2023	Chottogram	Chottogram	Bakalia	20 houses were burnt	<a href="#">prothomalo</a>
4-May-2023	Barishal	Patuakhali	Sadar	6 people were injured, some shop of the market and houses beside the market burned	<a href="#">prothomalo</a>
7-May-2023	Dhaka	Gazipur	Tongi	No impact recorded	<a href="#">prothomalo</a>
14-May-2023	Chottogram	Chottogram	Chandgaon	1 Female (55) died, some people were injured and 50 House was damaged	<a href="#">prothomalo</a>
14-May-2023	Dhaka	Faridpur	Sadar	No impact recorded	<a href="#">prothomalo</a>
16-May-2023	Chottogram	Cox's Bazar	Ukhiya	32 shops and cosmetics burned	<a href="#">Ittefaq</a>

17-May-2023	Sylhet	Sylhet	Sadar	Some Furniture and Electronics materials burnt	<a href="#">prothomalo</a>
18-May-2023	Dhaka	Dhaka	Bangla Motor	No impact recorded	<a href="#">prothomalo</a>
21-May-2023	Chottogram	Cox's Bazar	Chokaria	1 child died and House and other resources of the house was burnt	<a href="#">prothomalo</a>
27-May-2023	Chottogram	Chottogram		A watercraft was affected by Fire	<a href="#">prothomalo</a>
28-May-2023	Dhaka	Dhaka	Mohammadpur	No impact recorded	<a href="#">prothomalo</a>
28-May-2023	Chottogram	Chottogram	Sadar	3 people died and 1 child burned	<a href="#">samakal</a>
31-May-2023	Sylhet	Hobigonj	Baniyachong	the lost monetary value was 70 lakh	<a href="#">samakal</a>

#### Annex 4: Heat wave in May 2023

Date	Location	Category
1-3 May	Chottogram, Rangamati, Feni, Bandarban, Cox's Bazar, Cumilla, Bandarban, Patuakhali, Barisal	Mild
7-17 May	Rajshahi, Pabna, Sirajgonj, Shirimangal, Sondwip, Rangamati, Cumilla, Chandpur, Nowakhali, Dhaka, Faridpur, Gazipur, Gopalganj, Kishoreganj, Madaripur, Manikganj, Narayanganj, Narsingdi, Rajbari, Shariatpur and Tangail, Bagerhat, Chuadanga, Jessore, Jhenaidah, Khulna, Kushtia, Magura, Meherpur, Narail, Satkhira, Barisal, Barguna, Bhola, Jhalokati, Pirojpur, Patuakhali, Rangpur, Gaibandha, Nilphamari, Kurigram, Lalmonirhat, Dinajpur, Thakurgaon and Panchagarh.	Mild to Moderate and Extreme
20-24 May	Khulna, Satkhira, Chuadanga, Jessore, Rajshahi, Pabna, Bagerhat, Jhenaidah, Kushtia, Magura, Meherpur, Narail, Satkhira, Pabna, Madaripur, Moulavibazar, Rajshahi, Pabna	Mild
30-31 <sup>st</sup> May	All Districts of Bangladesh experienced Mild to Moderate heat wave	Mild to Moderate
		Source: <a href="#">DDM</a>

#### Annex 5: Lightning in May 2023

Date	Division	District	Upazila	Union	Impact	Sources
4-May-23	Rajshahi	Chapainawabgonj	Sadar	Debinagar	3(M) (30),(35), (40) died	<a href="#">prothomalo</a>
4-May-23	Rajshahi	Bogura	Adamdighi	Kundogram	1 (M) (42) farmer died during cutting puddy	<a href="#">prothomalo</a>
4-May-23	Dhaka	Narsingdi	Raypura	Uttor Bakhornagar	2 people (M)(M) (22) (20) Died during eating muri and 1 person was injured	<a href="#">prothomalo</a>
4-May-23	Dhaka	Narsingdi	Belabo	Belabo	1 (F) (40) died during working in the field	<a href="#">prothomalo</a>
10-May23	Khulna	Magura	Shiripur	CharChugachi	3 farmers (M) (60),(55),(45) died during working in the filed at afternoon	<a href="#">dhakatribune</a>
10-May23	Dhaka	Rajbari			two farmers (M) were killed by lightning in the afternoon	<a href="#">dhakatribune</a>
17-May-23	Sylhet	Moulavibazar	Kulawra	Tilagaw	One tea-labor died during working in the tea garden in the morning	<a href="#">prothomalo</a>
19-May-23	Sylhet	Netrokona	Mohongonj	Gaglajur	1 Fisherman (M) (30) died during catching fish in the haor	<a href="#">prothomalo</a>
22-May-23	Sylhet	Habigonj	Chunarughat	Mirashi	1 girl (15) died during collecting mango at the time of storm	<a href="#">samakal</a>
23-May-23	Sylhet	Sunamgonj	Dhormopasha	Joyshri	1 male (15) died by sinking in the river during lightening and 2 people was injured	<a href="#">prothomalo</a>
23-May-23	Dhaka	Gazipur	Shiripur	Bormi	1 teacher and 4 female students was injured	<a href="#">prothomalo</a>
23-May-23	Chottogram	brahmanbaria	Nasirnagar	Goyalnagar	1 labor (32) of bricks factory died at the morning during work	<a href="#">dhakatribune</a>
23-May-23	Dhaka	Narsingdi	Raipura	Shirinagar	Two people (M) (F) (12), (45) died	<a href="#">dhakatribune</a>
			Shibpur	Dokkhin shadchar	1 person (M) (30) died while returning home amid rain in the afternoon.	
			Monohardi	Dawlatpur	1 person (M) (30) died	
23-May-23	Rangpur	Kurigram	Ulipur		1 person (M) (45) died, 3 were injured	<a href="#">dhakatribune</a>
23-May-23			Chilmari		1 person (50) died	<a href="#">dhakatribune</a>

23-May-23	Chottogram	Chandpur	Sadar		1 person (M)(45) died	<a href="#">dhakatribune</a>
24-May-23	Chottogram	Cox's Bazar	Teknaf	Baharchra	2 people (M)(M) (40) (22) died during working in the betel leaf garden	<a href="#">prothomalo</a>
24-May-23	Rajshahi	Pabna	Vangura	Dilpasa	2 farmers died during and 13 were injured	<a href="#">samakal</a>
24-May-23	Rajshahi	Nawga	Raninagar	bhobanipur	1 labor (M) (19) died in the field	<a href="#">samakal</a>
24-May-23	Sylhet	Netrokona	Modon	Tiyashri		<a href="#">samakal</a>
27-May-23	Dhaka	Munsigonj	Sirajdikhan	Ichapur	2 people (M)(M) (45) (46) died at the noon	<a href="#">prothomalo</a>
27-May-23	Rajshahi	Sirajgonj	Shahajadpur	Kayempur	1 farmer(M) died during cutting puddy in the morning	<a href="#">prothomalo</a>
27-May-23	Mymenshin gh	Mymenshingh	Haluaghata	Jugli	1 younger died during hunting a bird	<a href="#">samakal</a>
27-May-23	Barisal	Pirojpur	Shorupkati	Bashkati	1 Fisherman (M) (35) died during fishing	<a href="#">samakal</a>
27-May-23	Khulna	Mongla	Sadar		1 labor (M) (37) died during working in a building and 1 person injured	<a href="#">samakal</a>
31-May-23	Dhaka	Gopalganj			1 player of cricket (M)(19) died	<a href="#">samakal</a>

### **Annex 6: Wild Animal in May 2023**

Date	Division	District	Upazila	Impact	Sources
1-May-23	Mymensignh	Sherpur	Sreebardi	One farmer died in an attack by elephant	<a href="#">prothomalo</a>
2-May-23	Mymensignh	Mymensingh	Haluaghat	One farmer died in an attack by elephant	<a href="#">prothomalo</a>
7-May-23	Sylhet	Moulvibazar	Juri	One person died in an attack by elephant	<a href="#">prothomalo</a>
7-May-23	Chottogram	Bandarban	Lama	A man was killed by a wild elephant attack	<a href="#">dhakatribune</a>
29-May-23	Chottogram	Rangamati	Barkal	A member of the village defence force died in an attack by a wild elephant	<a href="#">dhakatribune</a>