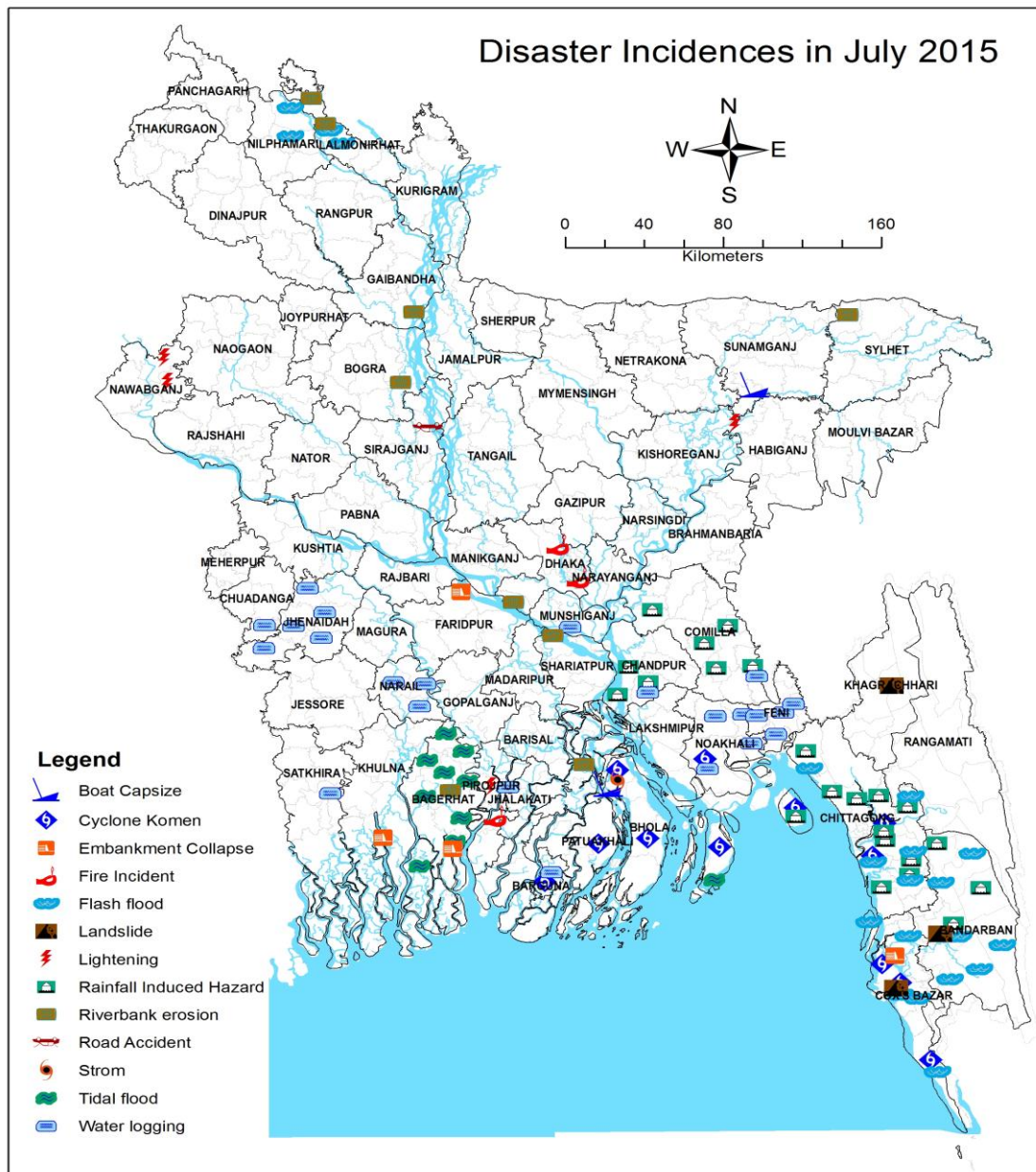




Overview of Disaster Incidences in July 2015

Natural hazards that occurred in July include flash floods, tidal floods, riverbank erosion, thunder storm, lightening, land slide and rainfall induced flood. Flash flood occurred in first week (July 2) and last week (July 25 to 27) of this month. Tidal flood affected 2 districts on 8th July. Incidents of water logging have been reported to be occurred in 11 districts. The rate of riverbank erosion has been accelerated in July and it occurred in many places affecting 10 districts. 2 incidents of thunder storm have been reported in July. They occurred in Noakhali and Bhola districts on 26th July. 5 incidents of lightening have been reported to be occurred in 6 districts. Landslides occurred in Chittagong, Bandarban and Cox's Bazar districts. Cyclone Komen affected 7 districts during the last week of the month. Apart from these hazards, embankment collapse, fire incidents, building collapse, boat capsize and road accident occurred in July.



Hazard/ Disaster	July 2015																															
	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	
Flash Flood (FF)		F	F																							F	F	F				
Tidal Flood (TM)								T	M																							
River bank erosion (RE)	R	R				R	R	R	R	R	R	R	R	R	R											R		R		R		
Water Logging						E	E	E	E	E	E	E	E	E	E						W	L			W	L	W	L	W	L		
Storm (S)																											S					
Lightening (L)															L										L							
Fire (F)											F					F		F	F				F									
Embankment collapse(EC)					E					E									E						E			E				
Building Collapse (BC)							B	C																								
Boat capsized(B)																										B				B		
Land slide (L)																				L						L		L			L	
Rainfall Induced Flood (RF)																				S					S		S			R	F	
Road Accident (RA)																				R												
Cyclone 'Komen' (C)																															C	C

Source: Adapted from different disaster situation reports of NDRCC and Dailies in July, 2015

Flash Flood

Flash flood occurred in 5 districts (Nilphamari, Lalmonirhat, Cox's bazar, Chittagong and Bandarban) and killed 8 people. These incidents affected around 800,000 people. More than 5,000 houses, several educational institutes, roads and cultivated lands of a huge area have been inundated (table 1).

Table 1 : Loss and damage by Flash flood				
Date	Location		Impact	Source
	District	Upazila		
July 2	Nilphamari	Dimla and Jaldhaka	10,000 people were affected due to flash flood in last 2 days.	<i>The Daily Star, July 3</i>
	Lalmonirhat	Hatibandha and Kaliganj	5000 families affected due to sudden onrush of water from the upstream across the border in last 2 days.	<i>The Daily Star, July 3</i>
July 25 – July 27	Cox's bazar	Pekua and Chakoria	7 people killed and around 300,000 people were marooned by flood; hundreds of houses, roads and seedbed of Aman paddy were inundated in these upazilas.	<i>The Daily Star July 27, 28 Jugantor, July 28 and Prothom Alo, July 27</i>
		Sadar	Around 100,000 people were marooned in 60 villages. 3000 houses and 50 educational institutes were inundated.	The prothom alo, July 28
		Kutubdia	15,000 people were marooned in 40 villages. More than 100 houses were damaged.	The prothom alo, July 28
		Teknaf	Houses were inundated in 30 villages in last last few days.	The Jugantor, July 28
	Chittagong	Satkania	Around 400,000 people were marooned; seedbeds of aman paddy and vegetable field inundated. Fish culture ponds were washed away.	<i>The Prothom Alo, July 26,28</i>
		Chandanish	Around 10,000 people were marooned. Aus paddy and vegetables field were inundated due to heavy rainfall in last four days. Fish culture ponds were washed away.	<i>The Jugantor, July 26, 27</i>
		Mirsharai	1 people killed, houses and roads were inundated.	<i>The Jugantor, July 27</i>
		Rangunia	More than 100 houses, educational institute and 6000 acre crops land were inundated.	<i>The Jugantor, July 27</i>
		Anwara	20,000 families were affected, 110 houses completely damaged and 400 houses partialy damaged.	The prothom alo, July 28
	Bandarban	Lama, Thanchi, Alikadam, Ruma, Naikhyongchari, Rowangchari and Sadar	Around 40,000 people were marooned and road communications between the district and other part of the country remained snapped. Many affected people have taken refuge in school and cyclone shelters.	<i>The Daily Star, July 27, 28</i>

Tidal Flood

Tidal floods occurred in Bagerhat and Noakhali districts on 8th July and caused inundation to a numerous number of houses and roads (table 2).

Table 2: Loss and damage by Tidal Flood				
Date	Location		Impact	Source
	District	Upazila		
July 8	Bagerhat	Sadar, Mongla, Chitalmari, Sharankhola, Rampal, Mollahat, Kachua, Fakirhat Morrelganj	Houses, Roads were inundated due to heavy downpour caused by a depression formed over the Bay in last two days.	<i>The Samakal, July 9</i>
	Noakhali	Hatia	Char Kailash and Char Latia were inundated due to heavy rainfall and tidal water.	<i>The Samakal, July 9</i>

Water logging

Water logging occurred in 11 districts (Narail, Satkhira, Noakhali, Jhenaidah, Chuadanga, Munshiganj, Barguna, Chandpur, Pirojpur, Feni and Comilla) throughout the month of July affected more than 250,000 people along with inundating thousands acre of cultivated lands (table 3).

Table 3: Loss and damage by Waterlogging				
Date	Location		Impact	Source
	District	Upazila		
July 13	Narail	Sadar, Lohagara and Kalia	6565 hectares aus and aman paddy, 1235 hectares seasonal crops and 45 hectares betel leaf field were inundated due to heavy rainfall in last few days. 28145 farmers were affected.	<i>The Prothom Alo, July 14</i>
July 21	Satkhira	Assasuni	15,000 acre seedbeds of Aman paddy were inundated in last seven days due to sluice gate collapse.	<i>The Samakal, July 22</i>
July 24 – July 27	Noakhali	Sadar	Houses, roads and 400 hectares seedbeds of aman paddy were inundated.	<i>The Prothom Alo, July 26</i>
		Companoganj	50,000 people were marooned. Houses, roads and agricultural lands were inundated. Thousands of ponds were washed away.	<i>The Jugantor, July 26</i>
		Begumganj	Thousands of people were marooned and hundreds of fish culture ponds were washed away.	<i>The Jugantor, July 27</i>
		Senbag	45 villages were inundated.	The prothom alo, July 28
	Jhenaidah	Moheshpur, Kotchandpur, Harinakunda, Kaliganj and Sadar	200 hectares flower cultivation lands were inundated due to heavy rainfall in last seven days. 1500 farmers were affected.	<i>The Prothom Alo, July 25</i>
	Chuadanga	Jibannagar	1000 hectares Aus paddy, 850 hectares Aman paddy and 850 hectares vegetable field were inundated.	<i>The Prothom Alo, July 25</i>
	Munshiganj	Lauhajong	1000 households were affected due to waterlogging in last few days.	<i>The Janakantha, July 25</i>
	Barguna	Amtali and Taltali	Seedbeds of Aman paddy were inundated. 40,000 farmers were affected.	<i>The Jugantor, July 26</i>
	Chandpur	Faridganj	Aman paddy seedbeds were inundated.	<i>The Jugantor, July 27</i>
	Pirojpur	Kawkhali	Around 20,000 people were marooned.	<i>The Jugantor, July 27</i>
	Feni	Sadar,	Houses, roads, 605 hectares of Aman paddy	<i>The Prothom</i>

		Dagonbhuiya n and Sonagazi	seedbeds and 50 hectares of vegetables were inundated; fish culture ponds were washed away; 100,000 people were marooned.	<i>Alo, July 25, 28; The Daily Star, July 27; The Jugantor, July 28</i>
		Chhagalniya	40 villages were inundated.	The Jugantor, July 28
	Comilla	Chouddagram	Thousands of people were marooned.	The Jugantor, July 28

Riverbank Erosion

The number of incidents of riverbank erosion remained accelerated in July. During this month it occurred in 10 districts (Lalmonirhat, Barisal, Bogra, Sylhet, Bagerhat, Dhaka, Gaibandha, Bhola and Shariatpur). More than 1500 houses, 170 shops, and several educational institutes along with hundreds acres of agricultural lands were devoured by the rivers due to their bank erosion up to 30th July (table 4).

Table 4: Loss and damage by River bank erosion				
Date	Location		Impact	Source
	District	Upazila		
July 1	Lalmonirhat	Hatibandha	50 houses were devoured due to Teesta river bank erosion.	<i>The Jugantor, July, 2</i>
July 6		Hatibandha	500 houses were devoured due to Teesta riverbank erosion in last three days.	The Samakal, July 7
July 9		Patgram and Hatibandha	Over 50 houses, agricultural lands and trees were devoured due to Teesta riverbank erosion.	<i>The Janakantha, July 10</i>
July 2	Barisal	Sadar	16 shops, ferry pontoons and gangway eroded.	<i>The Independent, July 4</i>
July 8	Bogra	Dhunot	70 meter area was devoured due to Jamuna riverbank erosion.	<i>The Samakal, July 9</i>
	Sylhet	Companiganj	Houses, Mosque, Madrasah, ponds and thousand acre of agricultural land were devoured due to Feni riverbank erosion in last two weeks.	<i>The Samakal, July 9</i>
July 9	Bagerhat	Sadar	Houses and road were devoured due to Bhairab riverbank erosion.	<i>The Janakantha, July 10</i>
July 09-15	Gaibandha	Saghata	400 houses, primary school, graveyard and community clinic were devoured in last seven days due to Jamuna riverbank erosion. Over 400 families were affected.	<i>The Janakantha, July 16</i>
July 12	Dhaka	Dohar	Over 50 houses and 7 shops were devoured due to Padma riverbank erosion.	<i>The Samakal, July 13</i>
July 26	Bhola	Sadar	60 shops, 20 fish storehouses, Misir Ali trawler ghat and some part of ferry ghat were devoured.	<i>The Prothom Alo, July 27</i>
	Shariatpur	Janjira	More than 300 houses and 20 acre crops land were devoured due to Padma riverbank erosion in last ten days.	<i>The Jugantor, July 27</i>
July 28	Bhola	Sadar	Homesteads of about 200 families and 100 shops were devoured by the River Meghna in last two days.	<i>The Independent, July,29</i>

Embankment Collapse

Five Incidents of embankment collapse were occurred in Khulna, Faridpur, Bagerhat, Feni, Cox's Bazar in the month of July. They caused inundation to around hundreds of villages and marooned more than 1,300 households (table 5).

Table 5: Loss and damage by Embankment collapse				
Date	Location		Impact	Source
	District	Upazila		
July 5	Khulna	Dacope	350 families were inundated.	<i>The Samakal, July 6</i>
July 11	Faridpur	Sadar	50 meter embankment was collapsed.	<i>The Jugantor, July 12</i>
July 19	Bagerhat	Sharankhola	20 families were marooned due to 500 meter flood protection embankment collapse.	<i>The Janakantha, July 22</i>
July 25	Feni	Fulgazi	Houses, roads and 900 shops were inundated.	<i>The Samakal, July 26</i>
	Cox's bazar	Chakoria	75 villages were inundated due to embankment collapse.	<i>The Prothom Alo, July 26</i>
July 28	Feni	Fulgazi	870 families were affected by flood.	

Fire Incident

5 fire incidents occurred on 12th, 17th, 19rd, 20th and 23th July. Four of them occurred in different upazilas in Dhaka district and the other one occurred in Pirojpur district. These incidents caused death to 1 person; injury to 2 children; 105 houses in two slums; 6 shops and 1 factory got burnt. The estimated loss was more than tk. 100 crore and 20 lac (table 6).

Table 6: Loss and damage by Fire incident				
Date	Location		Impact	Source
	District	Upazila		
July 12	Dhaka	Jatrabari	2 children and 5 rooms were burnt in a slum.	<i>The Prothom Alo, July 13</i>
July 17		Jatrabari	1 person killed.	<i>The Jugantor, July 21</i>
July 19		Ashulia	1 shoe factory burned and estimated loss was 100 crore taka.	<i>The Prothom Alo, July 21</i>
July 20		Moddho badda	100 CI sheet rooms burned in a slum.	<i>The Jugantor, July 21</i>
July 23	Pirojpur	Bhandaria	6 shops burned and estimated loss was 20 lac taka.	<i>The Prothom Alo, July 25</i>

Lightning

In the month of July, 5 incidents of lightning have been reported to be occurred in 4 districts (Habiganj, Chapainawabganj, Pirojpur and Laxmipur) in between July 15th – 24th. 12 people were killed including 1 child and 5 others were injured in these incidents (table 7).

Table 7: Loss and damage by Lightning				
Date	Location		Impact	Source
	District	Upazila		
July 15	Habiganj	Ajmiriganj	4 people killed and 2 others injured.	<i>The Independent, July 16</i>
	Chapainawabganj	Nachole	3 farmers killed and 3 others injured.	<i>The Independent, July 16</i>

	Pirojpur	Sadar	2 people killed.	<i>The Daily star, July 16</i>
	Laxmipur	Kamalnagar	1 child killed.	<i>The Daily star, July 16</i>
July 24	Chapainawabganj	Gomostapur	2 people killed in different incidents.	<i>The Daily Star, July 25</i>

Land Slide

5 incidents of landslides occurred in Chittagong, Bandarban and Cox's Bazar district in the month of July. These incidents killed 16 people and injured 9 people and 1 person is missing (table 8).

Table 8: Loss and damage by Landslide				
Date	Location		Impact	Source
	District	Upazila		
July 19	Chittagong	Khulshi and Bayejid Bustami thana of district	1 woman and 2 children killed in Lalkhan bazar area and 3 children killed in Bayejid Bustami area.	<i>The Janakantha, July 21</i>
July 25	Bandarban	Lama upazila of district	5 people were injured.	<i>The Samakal, July 26</i>
		Sadar upazila of Khagrachari district	3 people were injured.	<i>The Prothom Alo, July 26</i>
July 27	Cox's Bazar	Sadar upazila district	5 people killed including 3 women and 1 child	The Daily Star, July 28
July 31	Bandarban	Lama	5 people were killed, 3 injured and 2 went missing in a landslide triggered by heavy rain.	<i>The Daily Star, August 1</i>

Thunder Storm

Thunderstorms occurred in Noakhali and Bhola districts on 26th July and caused more than 100 houses and uprooted a number of trees (table 9).

Table 9: Loss and damage by storm				
Date	Location		Impact	Source
	District	Upazila		
July 26	Noakhali	Subarna char	More than 100 houses were damaged.	<i>The Ittefaq, July 27</i>
	Bhola	Sadar	Many houses were damaged and trees uprooted.	<i>The Prothom Alo, July 27</i>

Building Collapse

A four storied building collapsed on 7th July in Keraniganj upazila under Dhaka district (table 10).

Table 10 Loss and damage by Building collapse				
Date	Location		Impact	Source
	District	Upazila		
July 7	Dhaka	Keraniganj	Four storey building collapsed. No casualty and cost of damage is reported.	Prothom Alo, July 8

Boat Capsize

2 incidents of boat capsized occurred in Bhola and Sunamganj district on 26th and 30th July, respectively. These incidents snatched away 7 lives along with 25 other left missing (table 11).

Table 11: Loss and damage by Boat capsizing				
Date	Location		Impact	Source
	District	Upazila		
July 26	Sunamganj	Shalla	1 woman and 2 children killed and 1 woman went missing in Beramuhona haor.	<i>The Daily star, July 27</i>
July 30	Bhola	Sadar	4 people died, 24 fishermen missing after three trawlers capsized.	<i>Situation report, Concern Worldwide, July 31</i>

Road accident

A road accident occurred in Sirajganj sadar upazila- two buses collided face to face and it killed 14 people and injured 61 (table 12).

Table 12: Loss and damage by Road accident				
Date	Location		Impact	Source
	District	Upazila		
July 19	Sirajganj	Sadar	14 people killed and 61 people were injured.	Disaster situation report, NDRCC, July 20

Rainfall Induced Flood

The influence of Cyclone Komen triggered heavy rainfall which caused flooding to several districts at the last week of July (28th July). Comilla, Bandarban, Chittagong and Chandpur districts were affected by this incident. Amongst them, numerous upazilas in Chittagong district were the worst victim as 221,650 families along with 5256 houses, 17393 acre of agricultural lands; 22,749 km road and 94 km embankment were damaged in these areas (table 13).

Table 13: Loss and damage by Rainfall Induced Flood				
Date	Location		Impact	Source
	District	Upazila		
July 28	Comilla	Chouddagram, Laksham, Barura, Monohorganj, Daudkandi, Sadar Dakshin and Sadar upazila	Houses, roads, seedbeds and Aus paddy field were inundated. Fish culture ponds were washed away.	Disaster situation report, NDCC, July 28
	Bandarban	Lama, Ruma and Sadar upazila	2 houses in Ruma, 8 houses in Lama and 86 houses in sadar	Disaster situation report, NDCC, July 28
	Chittagong	Banskhali, Satkania, Raojan, Sitakunda, Hathazari, Rangunia, Boalkhali, Patia, Mirsharai, Chandanish, Sandwip upazila	221,650 families were affected. 5256 houses, 17393 acre agricultural land, 22,749 km road and 94 km embankment were damaged.	Disaster situation report, NDCC, July 28
	Chandpur	Sadar, Haimchar and Faridganj	Hundreds hectares of Aman crop were flooded.	The Independent, July 29

Cyclone 'Komen'

Cyclone Komen affect numerous upazilas of Cox's Bazar, Chittagong, Bhola, Noakhali, Patuakhali, Brahmanbaria and Barguna districts. At least 7 people killed and other 10 more were missing due to the cyclone. Almost 1 lac houses got damaged and around 6 lac people were affected (table 14).

Table 14: Loss and damage by Cyclone 'Komen'				
Date	Location		Impact	Source
	District	Upazila		
July 30-31	Cox's Bazar		4 people killed and 4 people missing; Around 5700 houses were damaged, 25 km embankment damaged and 269,700 people took shelter in cyclone shelter.	<i>Situation report, DMIC and Prothom Alo, July 31</i>
		Moheskhali	50 houses were damaged and more than 200 shrimp culture ponds were washed away in 23 villages.	<i>Prothom Alo, July 31</i>
		Saint Martin's Island in Teknaf upazila	1 person was killed and several tin-shed houses were destroyed. 30 villages were flooded due to embankment collapse in Naf river.	<i>Situation report, UNICEF Chittagong Zone, July 30; Prothom</i>
	Chittagong	Sandwip and Anwara	6,800 families were affected	<i>The Daily Star, August 1</i>
		Banshkhali	Around 75,300 people were affected; 175 houses fully and 275 partially damaged.	<i>The Daily Star, August 1</i>
	Bhola		1 people killed and 1,500 houses were partially damaged.	<i>Situation report, DMIC and Prothom Alo, July 31.</i>
		Lalmohan	300 houses were damaged.	<i>Prothom Alo, July 31</i>
	Noakhali		1 person killed and 87,400 houses partially damaged and 2 lac people were affected. 8000 people took shelter in cyclone shelter.	<i>Situation report, DMIC and NDRCC, July 31</i>
	Patuakhali		1 person killed.	<i>Situation report, DMIC, July 31</i>
	Brahmanbaria	Sarail	2 people were dead and 6 were missing due to a boat sank.	<i>Situation report, UNICEF Chittagong Zone, July 30</i>
	Barguna	Amtali and Taltali	100m embankment collapsed and 50 villages were inundated.	<i>Prothom Alo, July 31</i>

Description of Response in July

GoB Response in Flood:

Ministry of Disaster Management allocated GR rice and GR cash (2,200.0 MT and tk. 5,900,000, respectively in total) in Cox's Bazar, Chittagong, Noakhali, Patuakhali, Pirojpur, Satkhira, Bagherhat, Khulna, Bhola, Feni, Laxmipur and Barguna districts (Sitrep, DMIC, July, 31). Besides, they provided 16 MT GR rice and tk. 90,000 at Dimla upazila of Nilphamari district (Disaster situation report, NDRCC, July, 2) and district administration provided 35 ton rice at Hatibandha upazila of Lalmonirhat district (The Samakal, July 7).

Conclusion

Flash floods, Tidal floods, Water logging and Riverbank erosion were the most frequent natural hazards in the month of July. Cyclone 'Komen' struck several districts at the last part of the month and intensified flooding. Along with these, several incidents of embankment collapse worsen the situation. On the other hand, the number of fire incidents decreased in comparison of couple of previous months due to the impact of rainfall that existed throughout the month.