

Monsoon Flood 2019 Updates

Needs Assessment Working Group-Bangladesh

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Low Lying areas of 21 districts are flooded

Highlights of flood and landslide situation

- 02 major river system in North (Jamuna & Tista) reached highest water level compared to its previous record (over last 100 years) as per [FFWC](#).
- According to FFWC, water level in Brahmaputra-Jamuna river system may fall till 25th July and then slightly rise and become steady. Flood situation is likely to be worsen slightly and then gradually become steady in Kurigram, Jamalpur, Gaibandha, Bogura and Tangail during next 5 days. At least 7 more days of flooding is expected in these districts.
- It is now 12 days since flooding started to submerge lowlands of northern Bangladesh. . Though 53 rivers are showing decrease in water level and the flood situation is getting better, sufferings are increasing particularly for children, women and other most vulnerable groups. There is no GBV case reported but there is also limited information available about the women and girls living in make shift places and remote char areas marooned by flood water.
- Agriculture is the single biggest sector impacted by current flood situation where more than 100,900 hectors of Aman crops (rice varieties) damaged and likewise livestock's, fisheries, poultry sectors are severely impacted as per agriculture department from affected Upazilas and FAO.
- ECHO Allocation of ALERT Funding - Bangladesh Monsoon Floods response activated with aim to support flood affected community in North and Cox's Bazar. Proposal due 4.00 pm, 22 July 2019 .

What you need to know?

River flowing above Danger Level	21 river stations reported
Affected district	21 (along with embankment damage)
From - To	09 July – Ongoing (Slow Onset)
Affected population	Approximately 5,302,698 people (NDRCC). 60 people died as of 20th July 2019
Displaced population	2,87,513 (as of 20th July)
Crop damaged	More than 100,900 Hectares of crops damaged (mostly Aman) as per FAO
Impacts	Low lying areas of more than 455 unions of 101 upazilas from 21 districts are inundated.
Vulnerability	Medium (as Forecasted)
Forecast	<ul style="list-style-type: none">• <i>The Ganges-Padma and Koshiyara rivers may remain steady in next 24 hours.</i>• <i>Flood situation in Manikganj, Rajbari, Faridpur and Munshiganj districts may remain unchanged in next 24 hours.</i>• <i>Flood situation in Bogra, Jamalpur, Kurigram, Gaibandha and Sylhet districts may improve in</i>

Impacts/damages:

- People are marooned in their home and some places in the make shift shelter.
- There is high concern regarding inadequate WASH and hygiene facilities, along with food security among displaced people.
- Though till now no GBV case reported, but several agencies reported the concern regarding the protection of women, adolescent girls and children in the temporary shelter.
- Affected community are detached as road communication disrupted.
- Crop damages can be an issue and local level organization stated that the damages of crop will increase in 10 fold than reported till now.
- FAO reported that the flood in northern areas having serious losses of livestock's and fisheries.
- Livelihood of the flood affected communities are disrupted.
- Damages of crops and livestock in northern district is going to impact to the long term food insecurity.
- Schools/Madrasah in the affected areas of northern district are being use as shelter which may have impact on drop out of children.
- There is likelihood of the disease outbreak in the temporary shelter.

River Outlook

Most of the major rivers' water level of the country are showing falling trend except the Brahmaputra and rivers of North-Eastern region.

- ❖ All the major rivers of the country are in falling trend except the Padma and the rivers around the Dhaka City.
- ❖ Th the Ganges-Padma and Koshiyara rivers may remain steady in next 24 hours.
- ❖ Flood situation in Tangail and Sirajganj districts may continue improve, while flood situation at the middle districts may remain unchanged in next 24 hours.
- ❖ Flood situation in Bogra, Jamalpur, Kurigram, Gaibandha and Sylhet districts may improve in next 24 hours.

Areas of Concern

- **According to the medium range flood forecast** Flood situation is likely to worsen slightly and become steady in Kurigram, Jamalpur, Gaibandha, Bogura, Sirajganj and Tangail during next 5 days. At least 7 more days of flooding is expected in these districts
- **More than two hundred thousand people were displaced and most of them are still in shelter in this six districts.**

Table: Current impacts scenarios of the district under concern as severe situation (Source-NDRCC)

District	Jamalpur	Kurigram	Gaibandha	Sirajganj	Tangail	Bogura
Number of Affected Upazilla	7	9	7	5	6	3
Number of Affected Union	68	59	51	41	34	19
Affected Village		694	383	388	105	129
Number of Affected People	1277870	800596	485328	316985	255097	124220
Number of Affected HHs	224250	200169	125740	79822	56971	31585
% of Affcted People	55.75	38.68	20.37	10.17	7.07	3.64
Number of Shelters open	60	186	180	354	14	
Displaced (people in Shelter)	42840	64024	74104	23120	2100	14188
Fully Damaged Houses	7250	1249	6312	6505	1330	145
Partially Damaged Houses	45580	187300	38480	43813	21974	630
Fully Damaged Crops in HA				3400		9659
Partially Damaged Crops in HA	14645	19638	10833	12549	3036	
Fully Damaged Roads in KM	17.25	30.5	26	51.52	29	
Partially Damaged Roads in KM	200	1245.56	584	274.17	145	63.2
Damaged_Dtubewell	5355	9734	7179	2405		2736
Partially Damaged(Education+Religion)	681	505	339	991	139	89
Fully Damaged(Education+Religion)		2	8	6		
GoB_Relief_GR Rice in M.T	400	1000	1150	700	700	800
GoB_Relief_GR Cash	700000	1500000	2050000	800000	1500000	1200000
GoB_Relief_Dry Food in Packet	2000	6000	6000	1000	2000	2000
Extreme poverty headcount ratio (%)	34.2	44.3	30.30000114	22.7	18	6.7
Extreme poverty headcount ratio, Rank	61/64	64/64	58/64	48/64	32/64	6/64
Percentage of population in bottom 40% (%)	67.65327	83.496	65.63217926	48.9942	33.1719	21.914
Percentage of population in bottom 40%, Rank	60/64	64/64	58/64	40/64	23/64	10/64

Responses and initiatives:

Government Initiatives:

- MoDMR of GoB allocated 13300 MT GR rice and 20,400,000 BDT GR cash.
- Local Government administration already distributed 65,000 dry food packages according to 20th July 2019 NDRCC Report. The distribution is ongoing in the flood affected districts.
- Government allocate 10,500 tents for temporary shelter of the displace community.
- 1000 bundle of CGI sheets were distributed along with 2400,000 BDT as repairing cost of damaged houses.
- Health Emergency Operation center under DG Health and WHO are operationalize and opened. 1954 Emergency health support team are operationalize in 73 upazila of 20 districts.

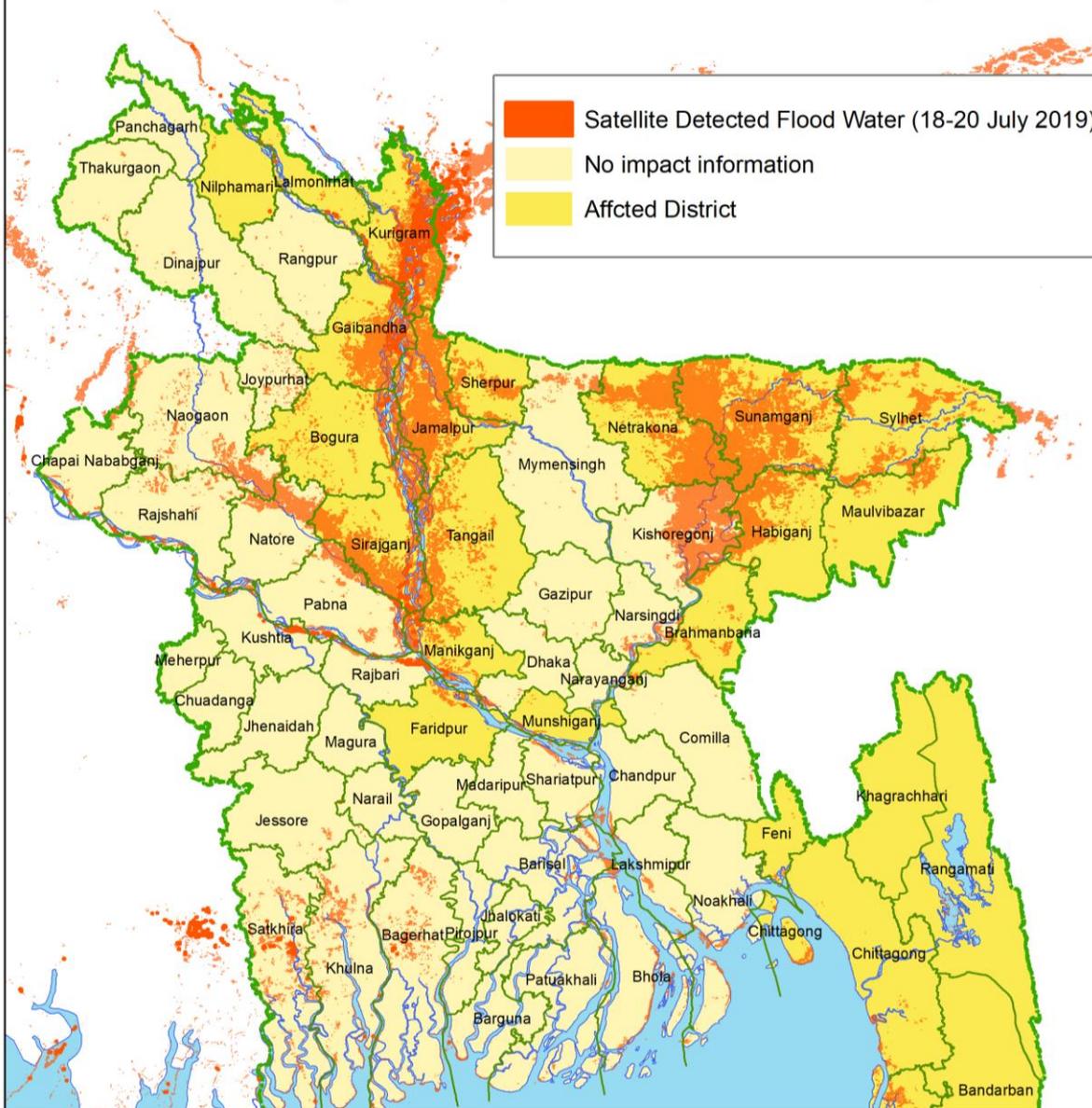
Humanitarian Agency response and initiatives:

Humanitarian agencies on the ground are collecting information preparing themselves for response. NAWG has not only compiled NDRCC extracted data but also received [number of reports](#) from member organization among them are MMS, GUK, SKS, NDP, BDRCS, MJSKS, ESDO, SOLIDARITY, Zibika, NAHAB, TDH, Unicef, FAO, SAPLING (Bandarban), CRS, WHO, Oxfam etc. Here are the overview on their report:

Organization	Sector specific Response	Location
UNICEF	<ul style="list-style-type: none"> ▪ Health ▪ Nutrition ▪ WASH ▪ Education ▪ Child Protection ▪ Communication for Development (C4D). ▪ UNICEF implementing partner Bangladesh Betar (Radio). <p>Detail Report can be found at NAWG Updates_4</p>	All districts of Sylhet Division
BDRCS	<p>Preparedness: BDRCS NHQ has opened an Emergency Control Room (phone: +880 29 355 995) and advised all its staff to be on high alert for possible deployment</p> <p>Rescue Support: BDRCS supported affected community in 12 districts and deployed 605 RCY volunteers. Disaster Response department has formed three teams for Emergency needs assessment in the south eastern, north-eastern and northern flood affected districts.</p> <p>BDRCS is providing life-saving and awareness messages through its social media accounts.</p> <p>For detail Report: Click here</p>	12 Districts
BRAC	<p>Food Support: BRAC has distributed more than 5000 Dry food packages in</p> <p>WASH support: to 24,120 people of</p> <p>Fodder Support: 50 Packages.</p>	20 worst affected Upazilas in 9 districts.
Mahideb Jubo Somaj Kallayan Somity	Start Fund awarded for cash and Emergency hygiene Packages: GBP 63,791	Kurigram District, Ulipur Upazilla - Begumgonj, Bojra, Tetrai
Gana Unnayan Kendra (GUK)	Start Fund awarded for cash and Emergency hygiene Packages: GBP 78,654	Gaibandha District, Fulchari Upazilla: Uria, Udakhali, Gazaria, Kanchipara
CA led Consortium (HA, DAM, Aid Commilla)	Start Fund awarded for cash and Emergency hygiene Packages: GBP 239,046	Jmalpur Distrc, Islampur Upazilla: Nowapara, Patharsi; Malanda: Mahmudpur, Ghosherpara, Kurigram District, Chilmari Upazilla: Chil Sadar, Nayarhat, Nageswari Upazilla: Noonkhawa, Narayanpur, Rowmari Upazilla: Bandabar, Dadbhanga, Rajibpur: Char Rajibpur, Khudaikathi
Islamic Relief Bangladesh Consortium (CWW, Care)	Start Fund awarded for cash and Emergency hygiene Packages: GBP 218,500	Gaibandha District, Sundargonj Upazila: Belka, Horipur, Kapashia Jamalput District, Islampur Upazilla: Chinaduli, Belgacha Kurigram District, Ulipur Upazilla: Shaheber Alga, Buraburi, Hatia
Caritas	Start Fund awarded for cash and Emergency hygiene Packages: GBP 128,329	Bandarban District: Rowangchari Sadar and Tarachha unions under Rowangchari Upazila Paindu and Ruma Sadar Union under Ruma Upazila

		Bolipara and Thanchi Sadar Union under Thanchi Upazila
World Vision	Start Fund awarded for cash and Emergency hygiene Packages: GBP 121,671	Bandarban District: Bandarban Pourashava, Bandarban Sadar, Kuhalong union under Banderban Sadar upazila Fashiakhali, Lama Pourashava, Lama Sadar union under Lama upazila"
Terre des Hommes (TdH)	Terre des Hommes (TdH) has distributed safe drinking water from Dharla bridge to Jatrapur union and adjacent areas and also distributed hygiene kits among affected community	Dharla bridge to Jatrapur union
Oxfam	Oxfam Oxfam responded in Kurigram & Gaibandha districts with Multi-purpose Cash Grant amounting to BDT 4,500/HH and Hygiene kits to reach 900 HHs initially. Oxfam install latrines in displaced locations and will provide safe drinking water through our Water Treatment Plant in Gaibandha Sada.	Kurigram & Gaibandha
SKS:	SKS: distribution of safe drinking water on boating manner and installing tube-wells in flood shelters, installation of temporary sanitary latrines and conduction of health camps. 6000 litre safe drinking water distributed among the sheltered flood affected people. 10 tube-wells installed in different places (as instructed by the Upazila administration) of Saghata and Fulchari Upazila and primary health services were provided to the people sheltered at Katlamari embankment of Fulchari Upazila	SKS: Saghata and Fulchari Upazila and Katlamari embankment of Fulchari Upazila
CRS	CRS has committed \$25,000 USD to Caritas Bangladesh, to initiate any response activities in SAPLING working areas, once the communication resumes in the worst hit areas. This will be the complementary contribution to the SAPLING project area towards meeting early recovery needs. Coordination with other stakeholders will be ensured duplication and overlapping.	SAPLING project areas
DGHS and WHO.	1954 Medical Teams are working for providing health support in affected districts	73 Upazila of 20 Districts.
Plan International	Conducted Rapid Needs Assessment (RNA) in northern flood affected districts; published on 18 th July 2019.	Kurigram (Nageshwari Upazila) Lalmonirhat (Hatibanda Upazila)

Flood Impact Areas 21 July 2019 (Flood Water Extent)



Status	Number	Status	Number
Affected Upazilla	134	Fully Damaged Houses	27170
Affected Union	869	Partially Damaged Houses	419336
Affected PSU/Ward	17	Fully Damaged Crops in HA	24388.38
Affected Village	4745	Partially Damaged Crops in HA	81465
Affected population	5302698	Partially Damaged Institute (Education + Religious)	4372
Total Death	60	Fully Damaged (Education + Religious)	40

Prepared by : Needs Assessment Working Group Bangladesh

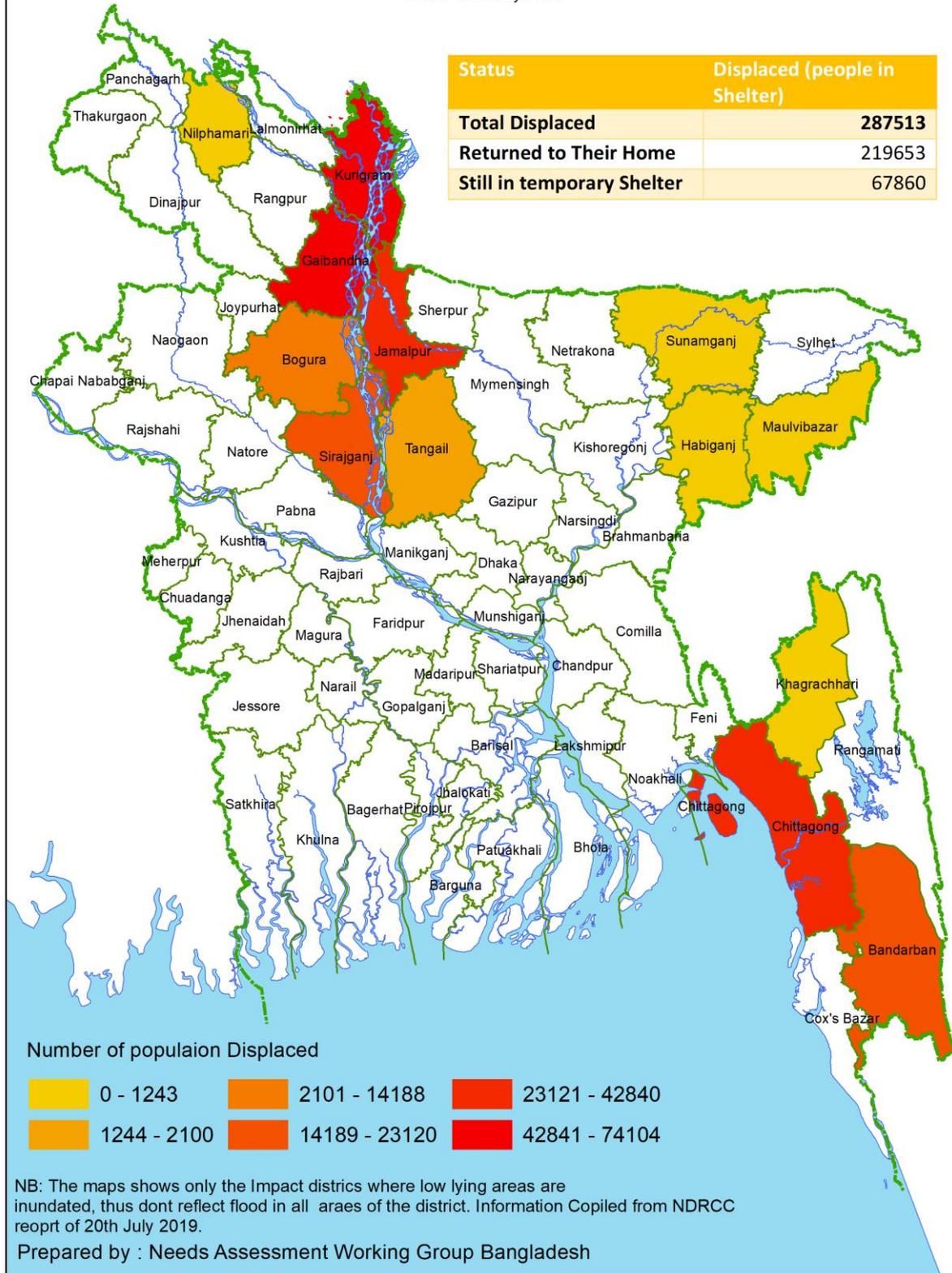
-Flood Water Extent is interpolated from NASA NRT Global Flood Mapping platform; 20 July 2019.

Age-demography of Affected population

Age Group	0-4_Affected	5-9_Affcted	10-14_Affcted	15-19_Affcted	Total Children	19+ Yrs
Total	545539	655009	610015	484087	2294650	3008048
Male	276683	332464	315487	315487	1240121	1406980
Female	268856	322545	294528	294528	1180457	1475137

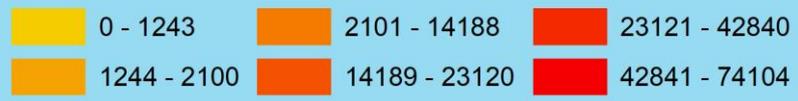
Monsoon Flood 2019 Displaced Population

As of 18th July 2019



Status	Displaced (people in Shelter)
Total Displaced	287513
Returned to Their Home	219653
Still in temporary Shelter	67860

Number of populaion Displaced



NB: The maps shows only the Impact districts where low lying areas are inundated, thus dont reflect flood in all aeraes of the district. Information Copiled from NDRCC reoport of 20th July 2019.

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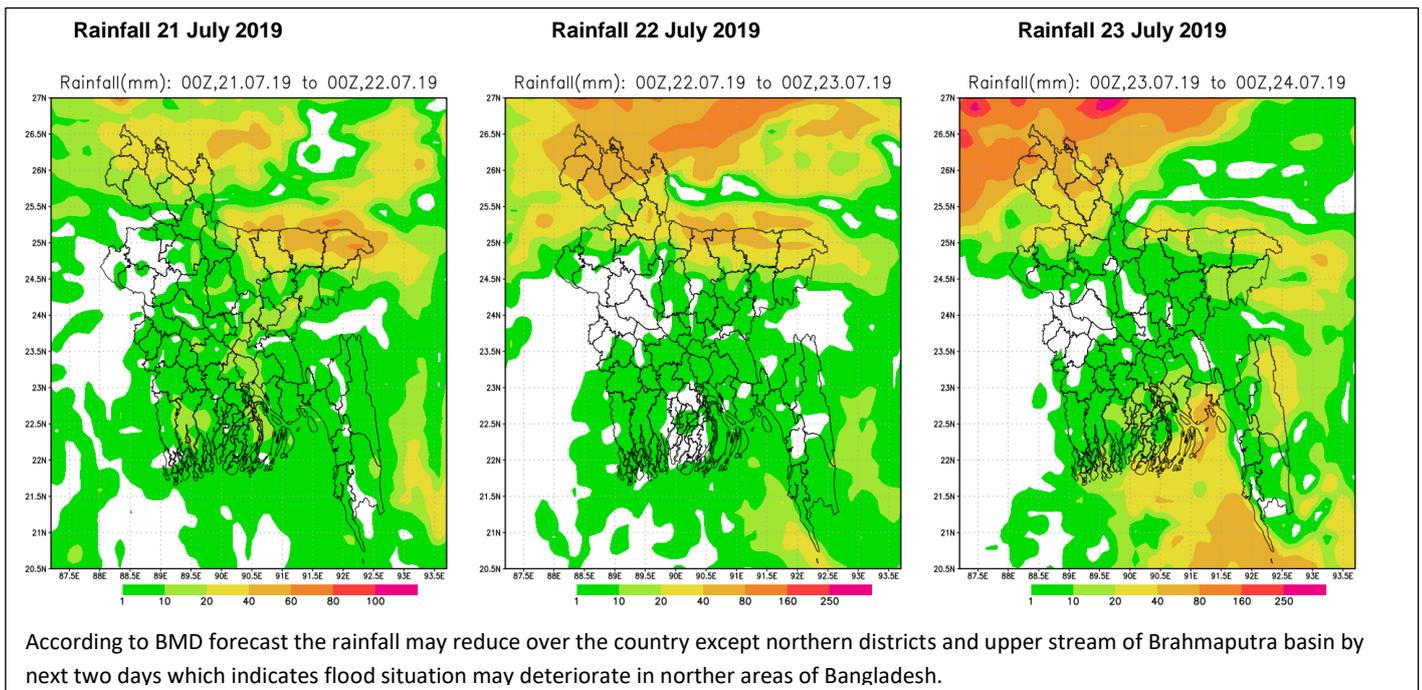
Annex 2: Stations Above Danger Level as of 20th July

Station name	River	Today's Water Level (meter)	Rise(+)/Fall(-) (cm) during last 24 hours	Danger Level (meter)	Above Danger Level (cm)
Sunamganj	Surma	7.37	-4	7.20	+17
Sherpur- Sylhet	Kushiyara	8.36	-4	8.05	+31
B.Baria	Titas	4.67	+2	4.45	+22
Chandpur	Meghna	3.64	+4	3.50	+14
Kurigram	Dharla	26.71	-36	26.50	+21
Gaibandha	Ghagot	22.23	-16	21.70	+53
Chak Rahimpur	Karatoa	20.18	0	20.15	+3
Noonkhawa	Brahmaputra	26.71	-32	26.50	+21
Chilmari	Brahmaputra	24.31	-26	23.70	+61
Fulchari	Jamuna	20.83	-28	19.82	+101
Bahadurabad	Jamuna	20.60	-27	19.50	+110
Sariakandi	Jamuna	17.56	-30	16.70	+86
Kazipur	Jamuna	16.10	-26	15.25	+85
Serajganj	Jamuna	14.10	-18	13.35	+75
Aricha	Jamuna	9.82	0	9.40	+42
Baghabari	Atrai	11.23	+3	10.40	+83
Elasin	Dhaleswari	12.35	-1	11.40	+95
Jamalpur	Old Brahmaputra	17.16	+1	17.00	+16
Goalundo	Padma	9.32	0	8.65	+67
Bhagyakul	Padma	6.61	+3	6.30	+31
Surewsar	Padma	4.46	+3	4.45	+1

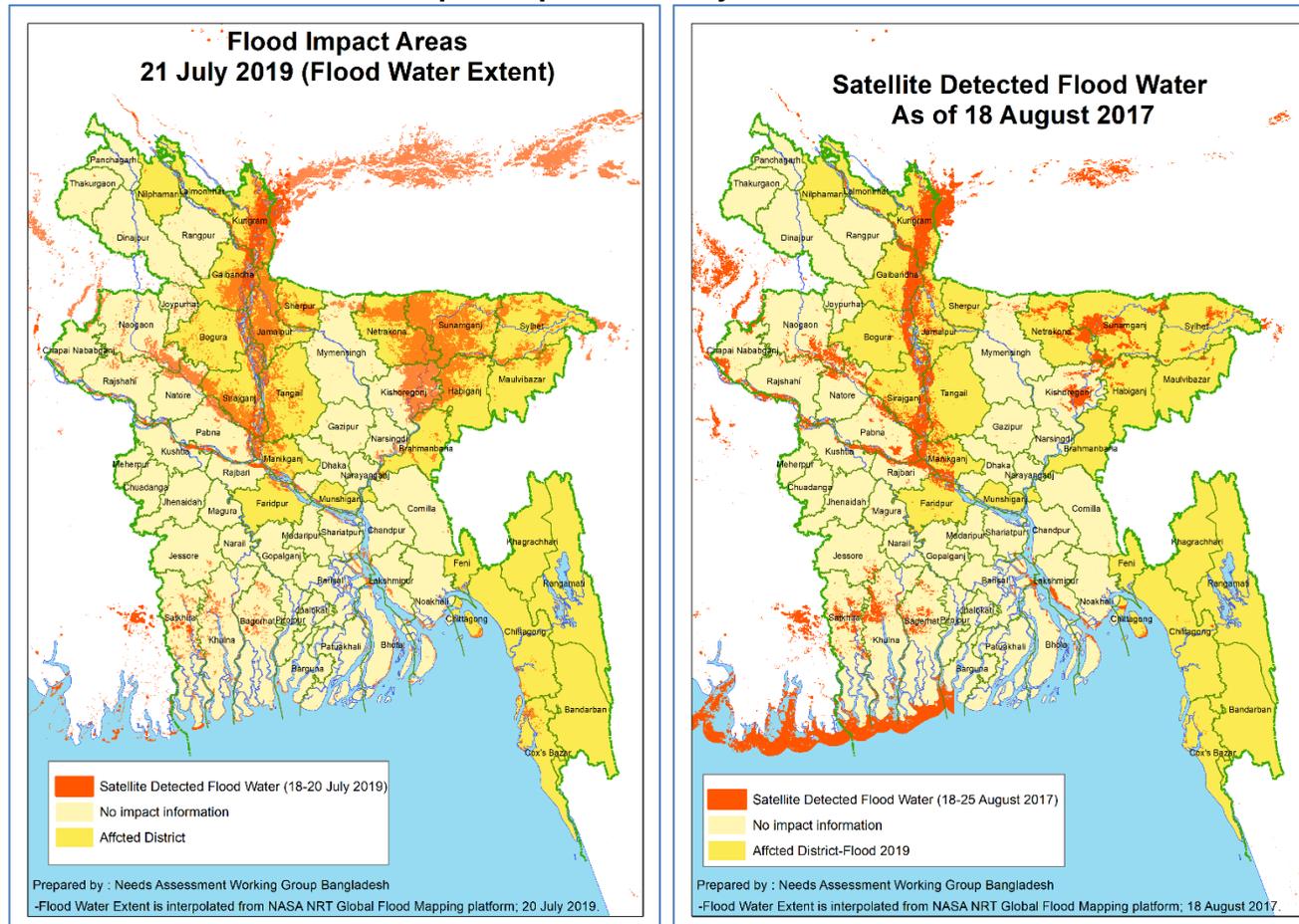
The glossary of flood forecast can accessed by clicking on the below link

<https://drive.google.com/file/d/1Z9GBslzV1gsaTkwzjBI96DO9NEzfyjy/view?usp=sharing>

Annex 3: Rainfall forecast and Anticipation of Flood



Satellite detected Flood Water Extend Map: Comparative analysis of Monsoon Flood 2017 and Monsoon Flood 2019



Source: NDRCC report of 20th July, 2019 can be accessed [here](#). For detail Excel file of the impacts, please visit [NAWG Website](#).

Note: Information from Different Sources (NDRCC, BMD, DG Health, FFWC and Non-Government Agency report are compiled here. This report is circulated on behalf of [Needs Assessment Working Group Bangladesh](#). The Next report will be published 21st of July evening.

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