

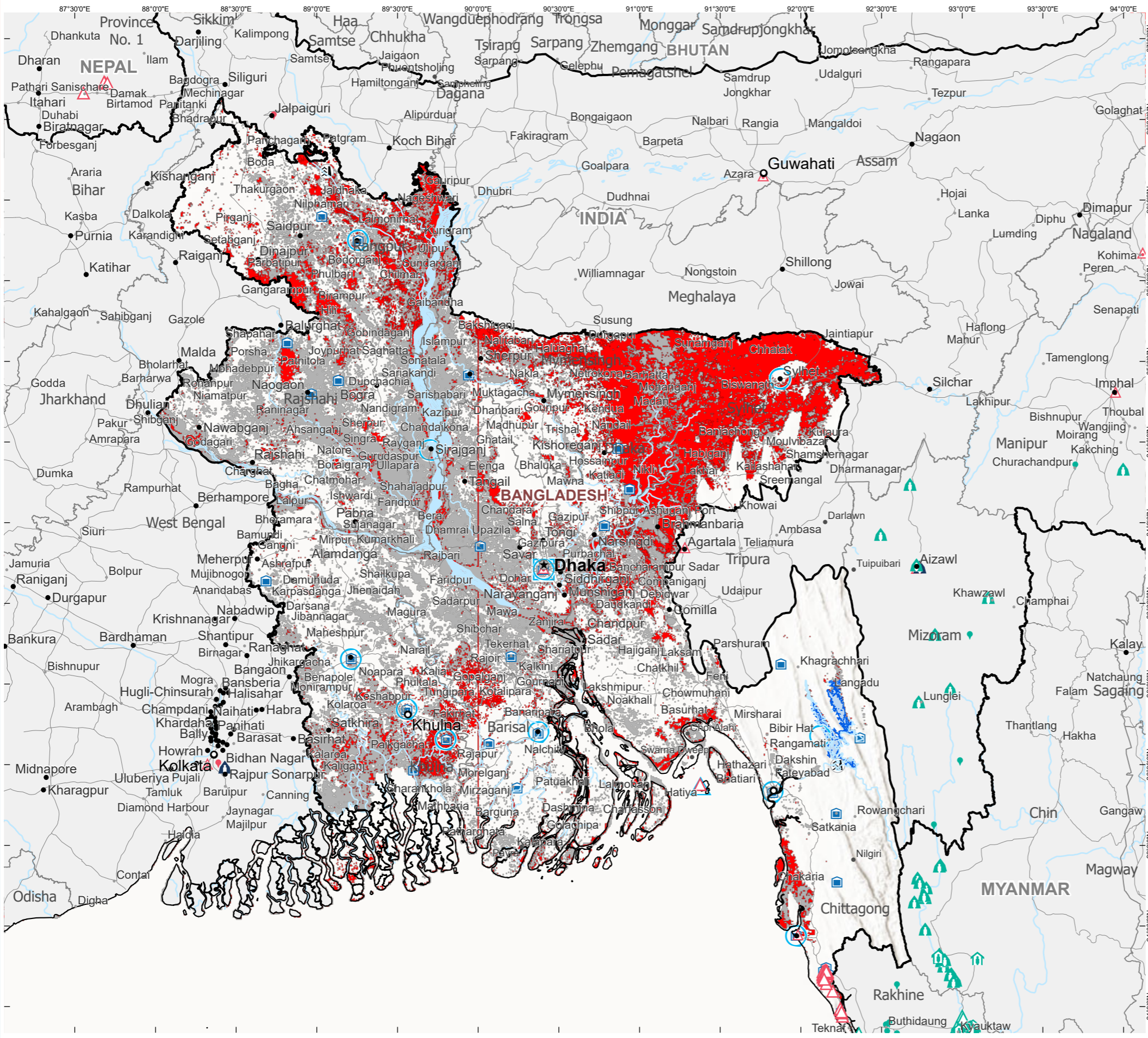
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Advanced Disaster Analysis & Mapping

Flood Impact Analysis Bangladesh

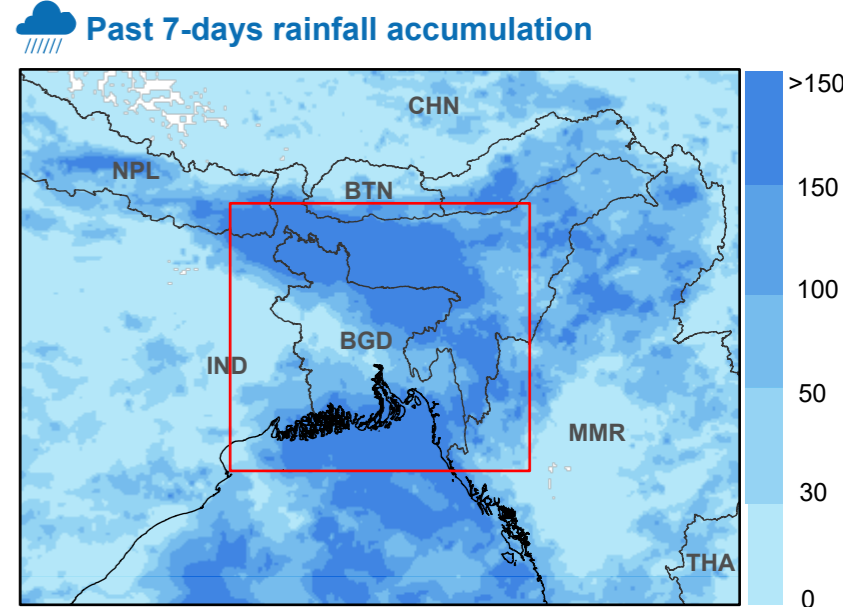
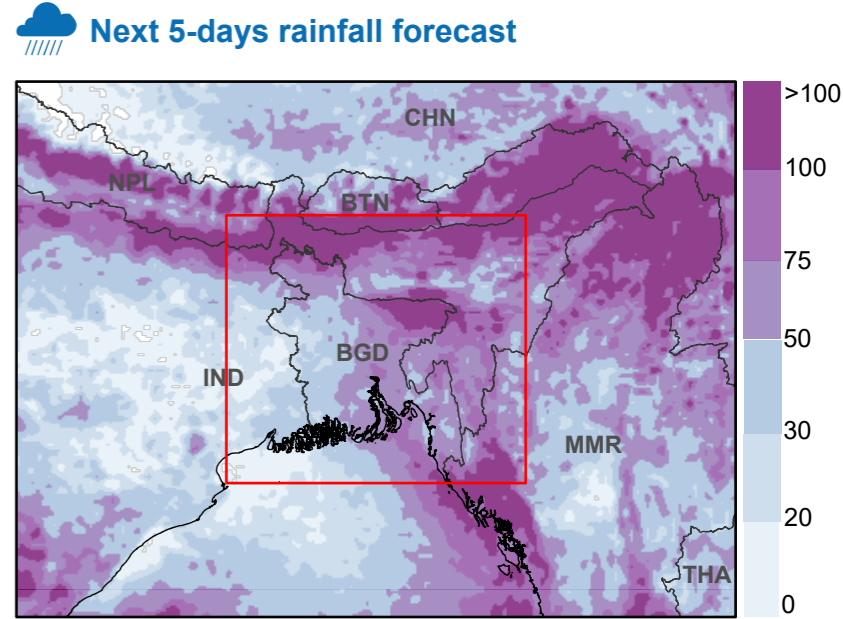
25 June 2024





Rapid Flood Impact Summary

- 1,585,964** Total observed flooded or inundated area (hectares)
- 14,340,044** Total number of people living in the flooded pixel
- 1,347,866** Total flooded cropland areas
- 3,963,551** Total number of vulnerable population in the flooded area



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aer Atmospheric and Environmental Research

FloodList

IPCC European Commission Joint Research Centre

<ul style="list-style-type: none"> Country Office Field Office Sub Office Warehouse National Capital Major City City 	<ul style="list-style-type: none"> River Road International Boundary Administrative Boundary 1 Special boundary line; Armistice, undetermined or administrative line; Autonomous region boundary; Other; Sovereign base limit Permanent Water Bodies Dam / Reservoir 	<p>*Satellite Observed Water Extent</p> <ul style="list-style-type: none"> Observed Flooded Area Historical Maximum Flood Extent MODIS 2010 - 2018 Source: DFO and Cloud2Street <p><i>*Data displays the maximum combined NOAA VIIRS and Floodscan flood extent detection on the date specified on the map</i></p>	<p>Population of Concern (UNHCR)</p> <ul style="list-style-type: none"> Unknown, Unknown Unknown, accommodation Unknown, arrangement (hosted or rental) Unknown, planned settlement Unknown, centre Asylum-seeker, accommodation Asylum-seeker, spontaneous location Asylum-seeker, unplanned settlement
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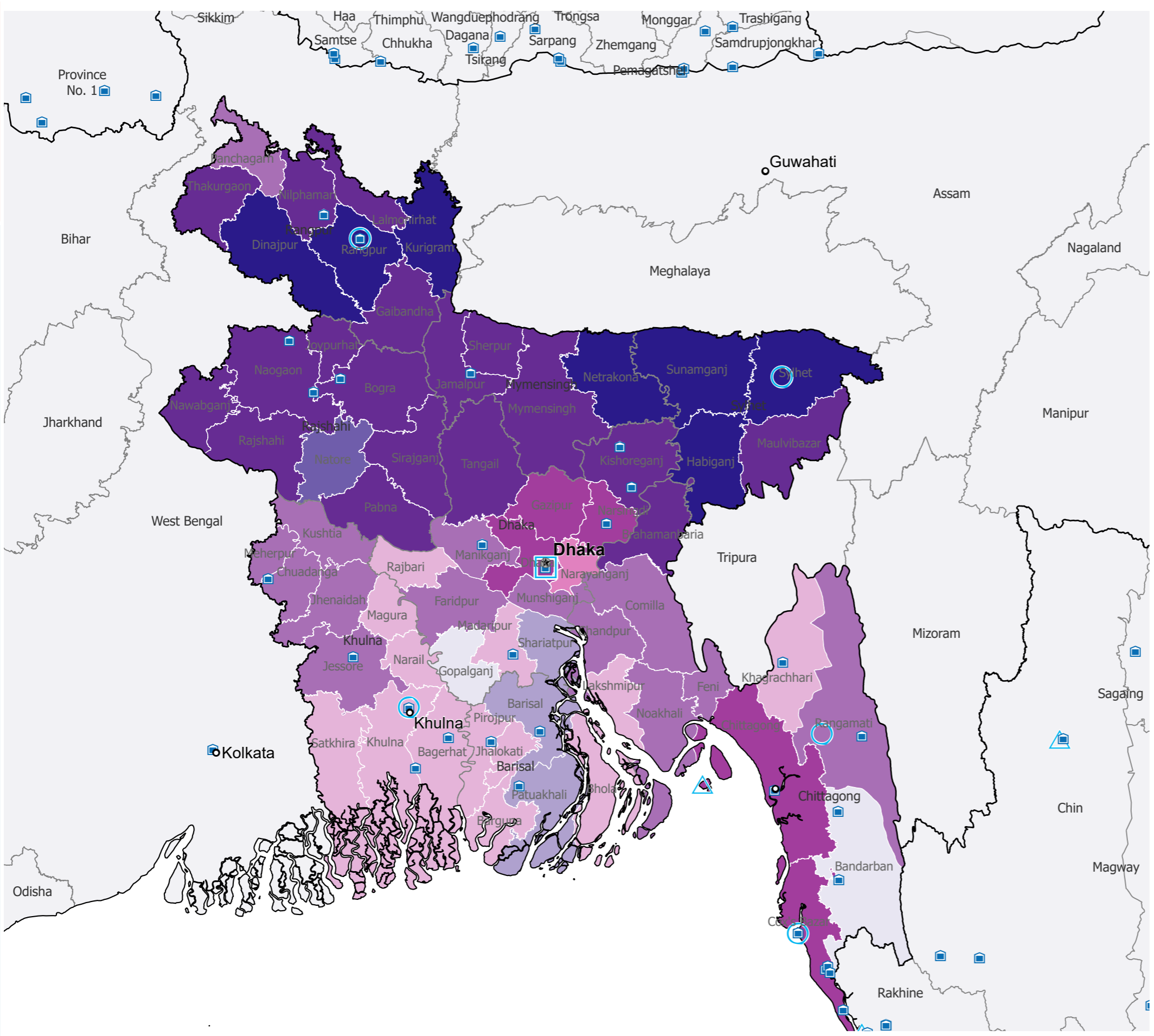
The designations employed and the presentation of material in the map(s) do not imply the expression of any opinion on the part of WFP concerning the legal or constitutional status of any country, territory, city or sea, or concerning the delimitation of its frontiers or boundaries.

Data sources: WFP offices: WFP - Boundaries: UN Map, WFP - Roads: ©OpenStreetMap Contributors - Populated places: GeoNames - Accumulated rainfall: GPM - Weather forecast: ECMWF - Flood Detection: NOAA-VIIRS, MODIS NRT, ESA Sentinel 1 - IDP/Refugee Locations: UNHCR - Terrain: ESRI - Surface Water/Seasonality: JRC - Cropland Mask: NASA GFSAD30 - Population: WorldPop / GHSL - Maximum Flood Extent: NASA MODIS/DFO and C2S

Date Created: 25 Jun 2024 - Contact: wfp.adam@wfp.org

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Prepared by: HQ GIS Unit, WFP Emergencies



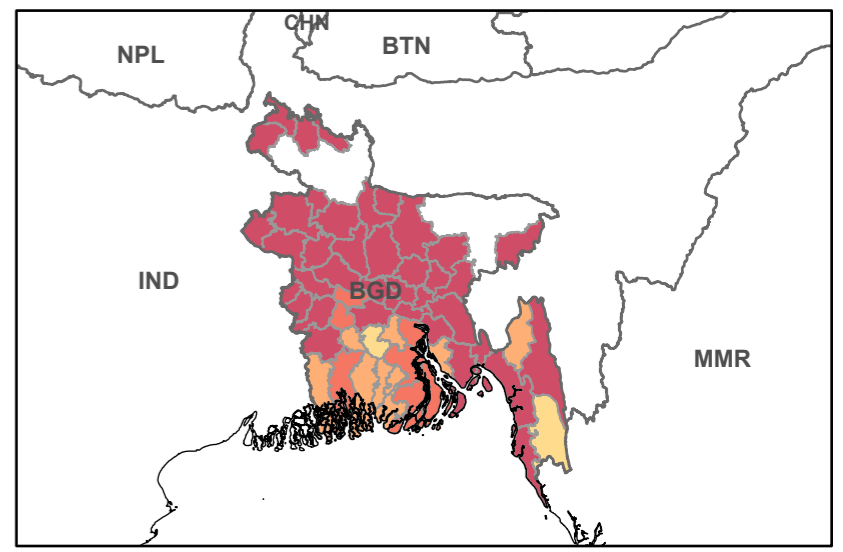
Flood Impact Data Aggregation

Derived data are summarized by administrative unit II (admin2). For any boundary related concerns, please write to wfp.adam@wfp.org. This aggregated information is indicative and for planning purposes only.

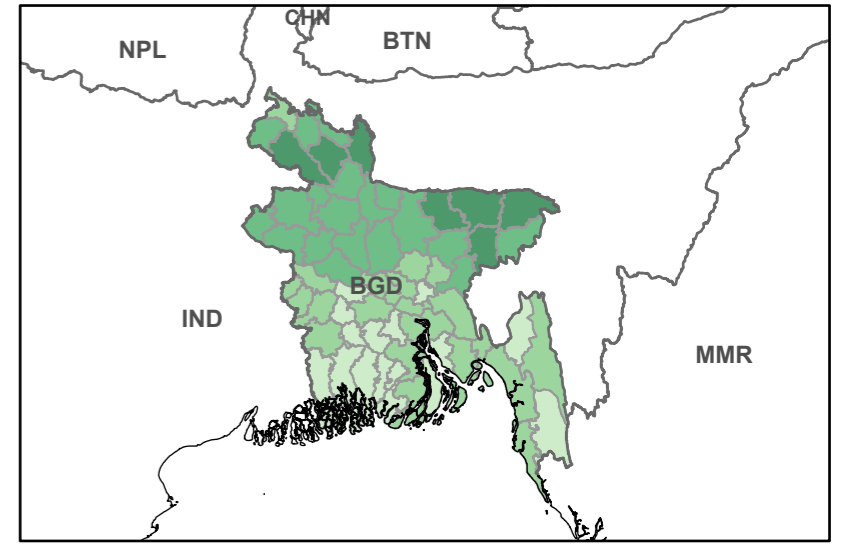
Global Data Sources:
Population - WorldPop 2022
Cropland Areas - NASA GFSAD30



Estimated population living within the flooded area (Admin Unit II)



Estimated crop lands within the flooded area (Admin Unit II)



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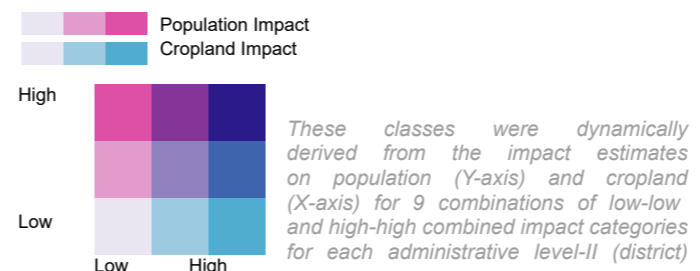
Advanced Disaster Analysis and Mapping

- Country Office
- Field Office
- Sub Office
- Warehouse
- National Capital
- Major City
- City

- International Boundary
- Administrative Boundary 1
- Special boundary line; Armistice, undetermined or administrative line; Autonomous region boundary; Other; Sovereign base limit

Potentially impacted population	Estimated flooded cropland (has)
0 - 1K	0 - 1K
1K - 10K	1K - 10K
10K - 20K	10K - 50K
20K - 50K	50K - 100K
>50K	>100K

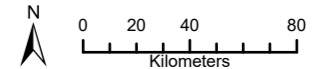
Bi-variate color classification (Main Map Frame)



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Date Created: 25 Jun 2024 - Contact: hq.gis@wfp.org
Map Reference: HND_FL_Aggregation_20240625_02



Bangladesh

Rapid Flood Impact Analysis Breakdown

**estimated number of people living in the flooded areas with at least 100 people potentially affected per district. Vulnerable population within flooded area are estimates from WorldPop data.*

(Admin unit 1) Region	(Admin unit 2) District	Flooded Area (hectares)	Flooded Cropland (hectares)	Potentially Impacted Population*		
				Total in District	Children (0-9 y.o.)	Elderly (>60 y.o.)
Barisal	Barguna	1,299	487	6,913	678	1,165
	Barisal	842	1,689	14,845	1,434	2,580
	Bhola	2,624	431	11,253	931	2,390
	Jhalokati	nan	98	2,632	280	435
	Patuakhali	2,832	1,362	15,705	1,483	2,875
	Pirojpur	13	250	2,392	248	395
Chittagong	Bandarban	227	12	695	40	156
	Brahamanbaria	18,534	18,731	301,463	24,876	70,654
	Chandpur	869	1,297	33,403	3,190	6,203
	Chittagong	4,825	2,854	177,234	11,546	29,814
	Comilla	2,815	3,084	60,555	5,226	12,069
	Cox's Bazar	5,395	1,872	107,587	5,995	24,923
	Feni	3,313	3,189	39,341	3,490	6,965
	Khagrachhari	475	292	3,184	235	618
	Lakshmipur	65	218	4,447	382	921
	Noakhali	6,193	4,715	56,411	4,641	12,034
	Rangamati	8,573	1,801	50,876	3,373	9,274
Dhaka	Dhaka	2,991	2,575	128,072	6,259	17,119
	Faridpur	3,690	2,895	38,602	3,434	6,903
	Gazipur	7,753	7,197	207,564	11,663	29,990
	Gopalganj	26	64	639	59	118
	Kishoreganj	40,681	40,643	469,809	40,644	103,534
	Madaripur	83	206	2,443	228	457
	Manikganj	5,962	4,671	52,925	5,389	8,486
	Munshiganj	1,769	1,603	49,894	4,430	8,177

	Narayanganj	600	737	68,441	4,027	11,042
	Narsingdi	4,352	4,715	121,098	9,306	23,630
	Rajbari	1,403	889	15,294	1,427	2,575
	Shariatpur	1,152	1,069	17,562	1,705	3,463
Khulna	Tangail	36,796	29,406	325,484	30,963	53,244
	Bagerhat	2,247	308	5,436	553	862
	Chuadanga	6,149	6,156	56,916	4,616	8,366
	Jessore	1,521	1,590	25,488	2,148	3,747
	Jhenaidah	5,247	5,279	37,318	3,241	5,632
	Khulna	712	384	13,573	1,161	1,919
	Kushtia	5,562	3,203	54,037	4,591	8,246
	Magura	975	870	10,695	965	1,818
	Meherpur	4,205	4,071	34,203	2,897	4,780
	Narail	193	351	3,857	369	680
Mymensingh	Satkhira	487	449	8,663	778	1,264
	Jamalpur	21,112	13,009	164,481	14,141	31,317
	Mymensingh	44,319	42,814	370,549	33,131	76,162
	Netrakona	142,061	133,027	1,083,052	99,550	237,447
Rajshahi	Sherpur	37,106	34,434	272,381	23,878	53,650
	Bogra	24,648	18,087	178,146	14,468	27,466
	Joypurhat	20,320	20,415	157,755	13,500	21,976
	Naogaon	45,736	40,838	270,324	22,585	38,933
	Natore	15,076	12,262	92,430	7,697	14,024
	Nawabganj	15,294	12,559	130,485	9,428	23,156
	Pabna	14,165	11,223	127,440	10,517	22,005
	Rajshahi	14,146	13,941	202,060	15,195	28,365
	Sirajganj	42,365	27,171	439,793	34,695	82,975
	Rangpur	Dinajpur	93,714	96,266	738,319	59,523
Gaibandha		58,692	38,359	527,423	43,841	98,341
Kurigram		113,426	78,154	1,029,985	87,633	193,053
Lalmonirhat		28,548	22,845	263,825	20,758	49,637
Nilphamari		15,752	14,255	146,600	10,548	28,257
Panchagarh		8,424	8,331	56,765	3,937	10,445

Sylhet

Rangpur
Thakurgaon
Habiganj
Maulvibazar
Sunamganj
Sylhet

56,318	50,410	544,565	44,034	92,937
16,340	15,992	103,425	7,505	18,588
83,502	83,103	650,778	52,605	146,671
41,618	33,604	299,382	22,931	58,631
200,668	176,709	1,700,943	135,601	406,968
239,170	188,345	2,152,191	149,756	445,675

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