

ADAM

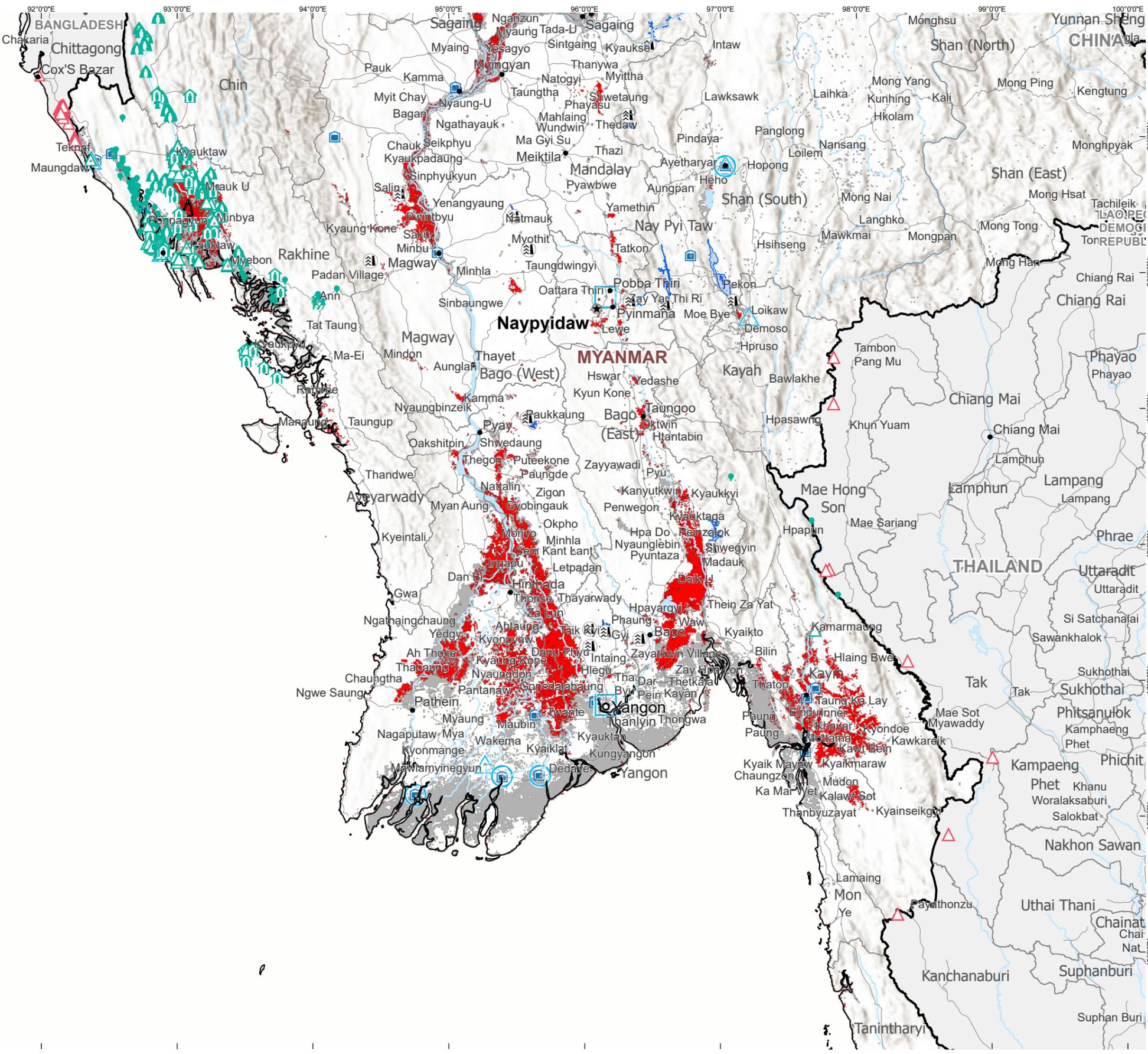
Advanced Disaster Analysis & Mapping

Flood Impact Analysis Myanmar

Update #3

Maximum Flood Extent
06 August 2024





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

***Satellite Observed Water Extent**

- Observed Flooded Area
- Historical Maximum Flood Extent MODIS 2000 - 2018
Source: DFO and Cloud2Street

**Data displays the maximum combined NOAA VIIRS and Floodscan flood extent detection on the date specified on the map*

- Population of Concern (UNHCR)**
- Unknown, Unknown
 - Unknown, accomodation
 - Unknown, arrangement (hosted or rental)
 - Unknown, planned settlement
 - Unknown, centre
 - Asylum-seeker, accomodation
 - Asylum-seeker, spontaneous location
 - Asylum-seeker, unplanned settlement

Rapid Flood Impact Summary

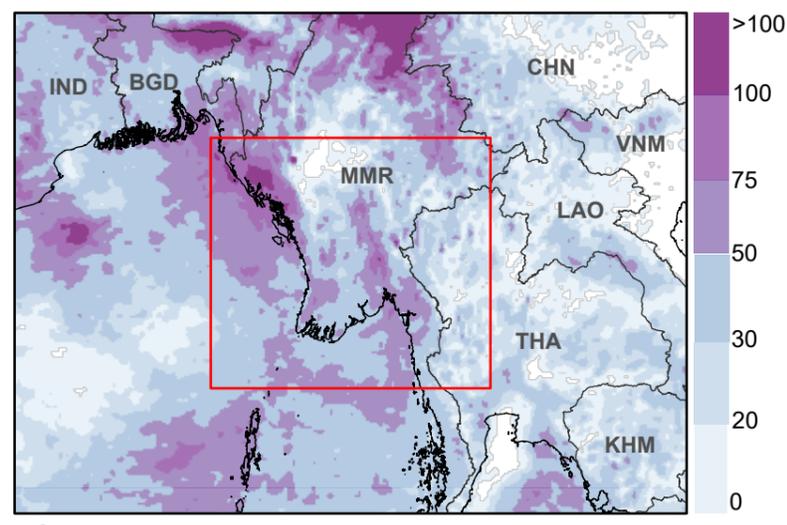
534,985
Total observed flooded or inundated area (hectares)

855,394
Total number of people living in the flooded pixel

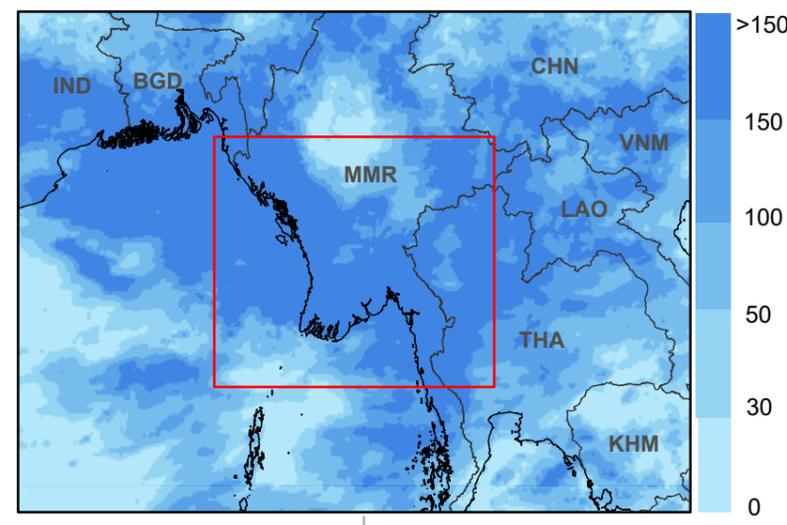
431,600
Total flooded cropland areas

232,017
Total number of vulnerable population in the flooded area

Next 5-days rainfall forecast



Past 7-days rainfall accumulation



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FloodList

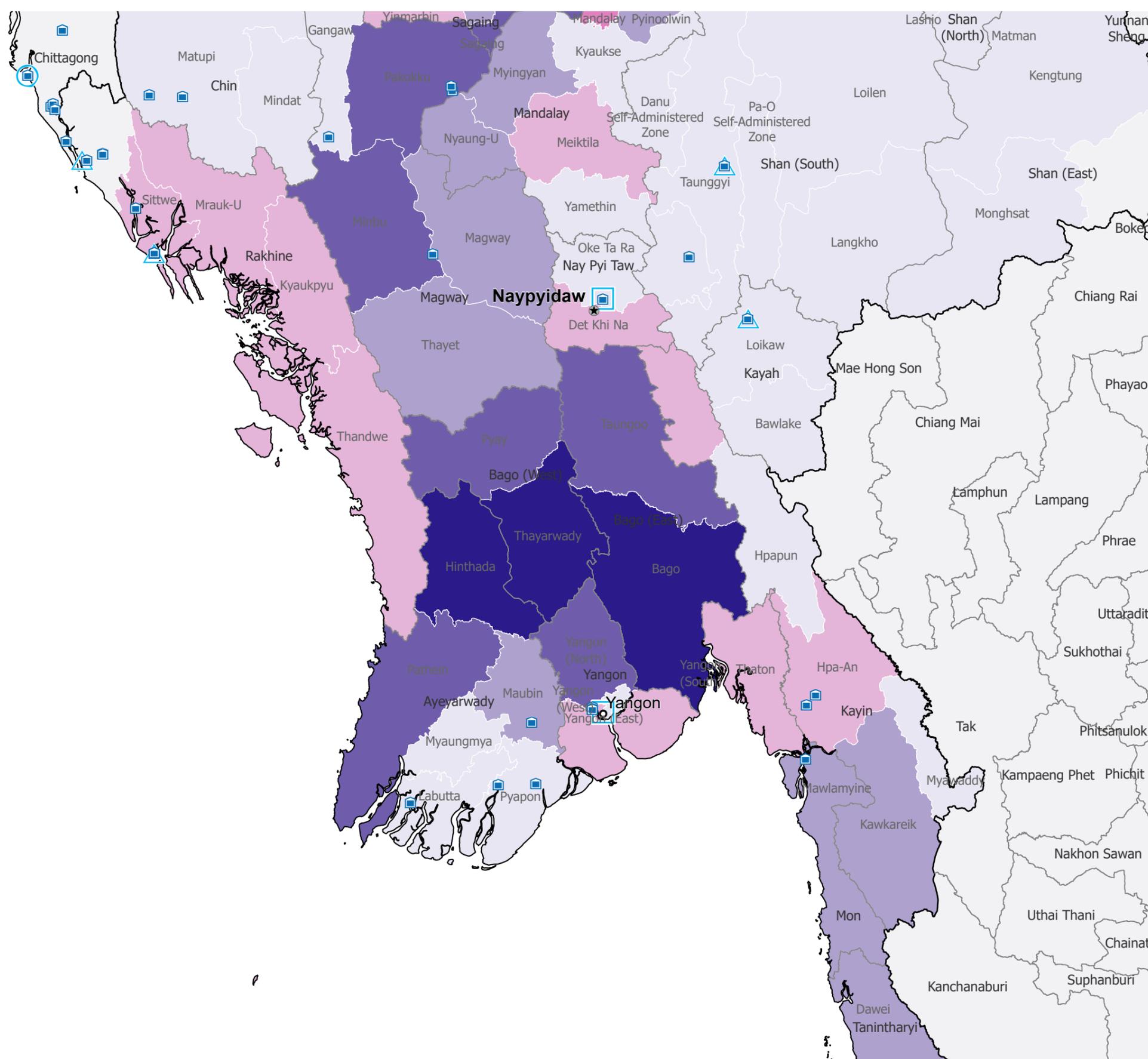
Atmospheric and Environmental Research

European Commission
Joint Research Centre

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

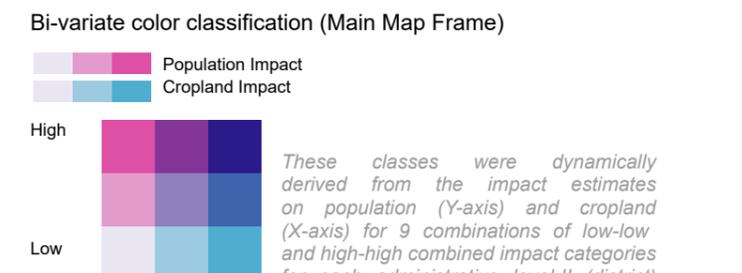
Date Created: 06 Aug 2024 - Contact: wfp.adam@wfp.org



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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

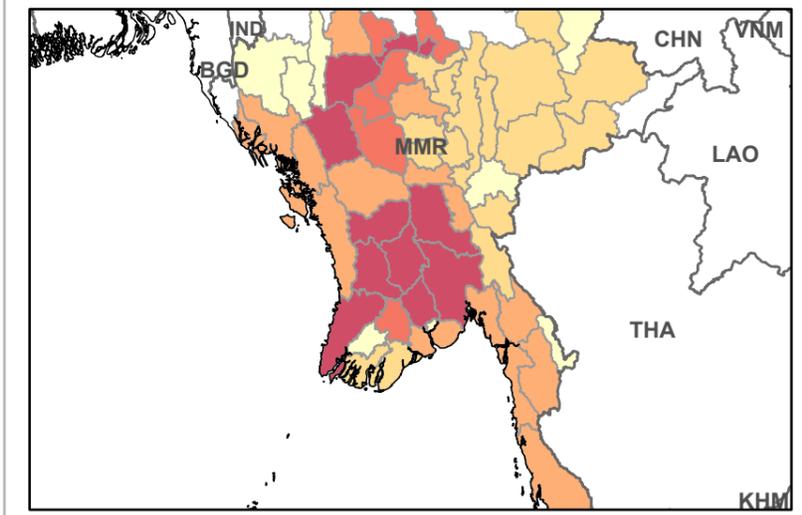


Flood Impact Data Aggregation

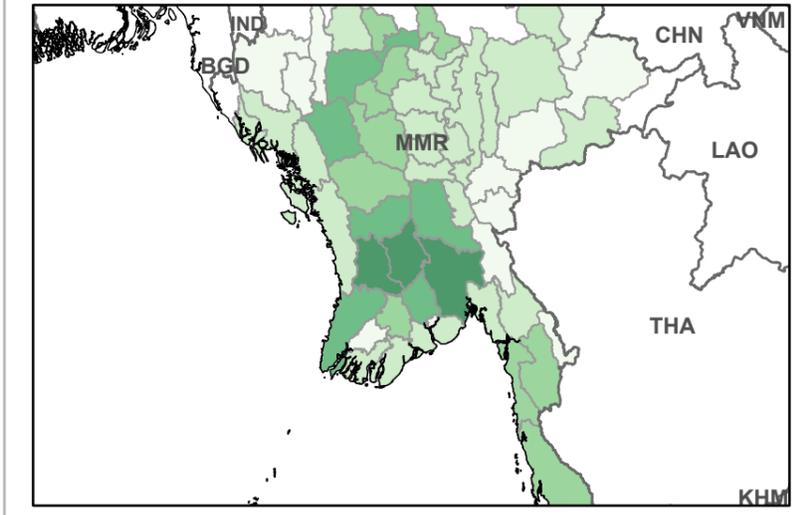
Derived data are summarized by administrative unit II (admin2). For any boundary related concerns, please write to wfp.adam@wfp.org. This aggregated information is indicative and for planning purposes only.

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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Date Created: 06 Aug 2024 - Contact: hq.gis@wfp.org
Map Reference: ADAM_Floods_v4

Myanmar

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.)
Ayeyarwady	Hinthada	88,099	77,167	119,335	12,627	20,386
	Labutta	354	166	701	74	120
	Maubin	7,113	5,446	19,352	2,043	3,292
	Pathein	19,077	11,708	31,467	3,326	5,382
	Pyapon	281	93	834	88	143
Bago (East)	Bago	112,414	110,694	162,714	18,108	26,362
	Taungoo	15,883	15,244	24,335	2,708	3,940
Bago (West)	Pyay	30,663	27,473	53,718	5,980	8,702
	Thayarwady	90,981	77,492	124,021	13,772	20,079
Kayin	Hpa-An	1,141	989	2,578	248	546
	Kawkareik	4,264	3,456	8,244	791	1,749
Magway	Magway	11,626	5,132	19,698	2,451	3,041
	Minbu	28,074	20,198	36,105	4,492	5,573
	Pakokku	16,428	10,123	29,333	3,625	4,540
	Thayet	2,474	1,442	5,327	663	822
Mandalay	Kyaukse	131	70	291	32	43
	Mandalay	752	533	26,648	2,889	3,911
	Meiktila	458	415	4,420	480	646
	Myingyan	9,589	8,808	17,395	1,911	2,629
	Nyaung-U	3,559	1,392	10,676	1,185	1,574
	Pyinoolwin	6,207	4,913	10,653	1,156	1,559
	Yamethin	249	261	359	39	52
Mon	Mawlamyine	3,557	1,368	6,024	688	1,068
	Thaton	7,139	494	8,887	1,009	1,547
Nay Pyi Taw	Det Khi Na	1,041	879	2,098	224	310

	Oke Ta Ra	210	125	169	18	25
Rakhine	Kyaukpyu	2,955	878	3,332	377	575
	Mrauk-U	3,651	291	1,695	192	293
	Sittwe	4,797	938	4,272	484	738
	Thandwe	2,336	106	2,174	246	375
Sagaing	Monywa	3,918	3,000	11,866	1,270	1,948
	Sagaing	16,784	14,256	35,861	3,848	5,880
	Yinmarbin	944	460	1,801	193	296
Shan (North)	Lashio	39	34	259	21	49
Shan (South)	Danu Self-Administered Zone	293	149	134	12	23
	Taunggyi	834	915	761	62	143
Tanintharyi	Dawei	9,976	1,292	7,853	702	1,564
Yangon	Yangon (North)	24,660	23,021	56,908	5,765	7,524
	Yangon (South)	1,708	83	1,806	187	276
	Yangon (West)	13	0	1,078	109	140

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