

Probable Flood Inundated Area in Bago and Ayeyarwady Region

as of 28 July 2024 (6:00 AM Local Time)



Satellite detected water extent as of 28 July 2024, Danubyu, Hinthada, Ingapu, Kangyidaunt, Kyangin, Kyaunggon, Lemyethna, Myanaung, Nyaungdon, Pantanaw, Thabaung, Yegyi and Zalun township in Ayeyarwady Region, Gyobingauk, Letpadan, Minhla, Monyo, Nattalin, Okpho, Padaung, Paungde, Shwedaung, Thegon and Zigon township in Bago Region, Htantabin and Taikkyi Township in Yangon Region.

This map illustrates satellite-detected surface waters due to the current monsoon rains over Ayeyarwady, Bago and Yangon Region of Myanmar as observed from a Sentinel-1 image as of 28 July 2024. Within the analyzed area of about 28,114 km2, a total of about 55,020 km2 of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 1,226,713 people are potentially exposed or living close to flooded areas. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to MIMU.

Important Note: Flood analysis from radar images may underestimate the presence of standing waters in built-up areas and densely vegetated areas due to backscattering.

Legend

 River/ Lake/ Dam

 Probable Flood Water (28 July 2024)

 State/Region Capital

 State/Region Boundary

 Main Town

 Township Boundary

 Other Town

 Road

 Village

State/Region	Township	Water Extent (km2)	Population potentially Exposed
Ayeyarwady	Danubyu	2,245	46,095
	Hinthada	3,045	84,172
	Ingapu	4,472	104,169
	Kangyidaunt	682	59,159
	Kyangin	453	14,357
	Kyaunggon	2,011	53,056
	Kyonpyaw	990	26,376
	Lemyethna	2,088	46,424
	Myanaung	1,974	35,986
	Nyaungdon	2,605	52,387
	Pantanaw	2,248	76,926
Bago (West)	Thabaung	5,629	101,451
	Yegyi	5,046	56,057
	Zalun	2,995	81,447
	Gyobingauk	713	14,703
	Letpadan	2,466	51,806
	Minhla	1,529	28,575
	Monyo	2,619	64,129
	Nattalin	649	10,787
	Okpho	894	23,518
	Padaung	418	11,564
	Shwedaung	853	20,062
Yangon	Thayarwady	2,991	61,968
	Thegon	49	2,034
Grand Total	Zigon	64	948
	Htantabin	1,266	25,965
	Taikkyi	4,026	72,591
		55,020	1,226,713

This product uses Worldpop methodology to estimate population in the affected areas. WorldPop estimates are based on the relationship between land cover and population data and also include geospatial data that may correlate with human population presence (e.g. roads networks, large water bodies, settlements, etc). For more detail see <http://www.worldpop.org/>

The water extent shows the spread of water visible on satellite imagery at the time the image was taken.

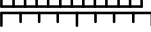
Map ID: MIMU726v01

Production Date: 29 July 2024

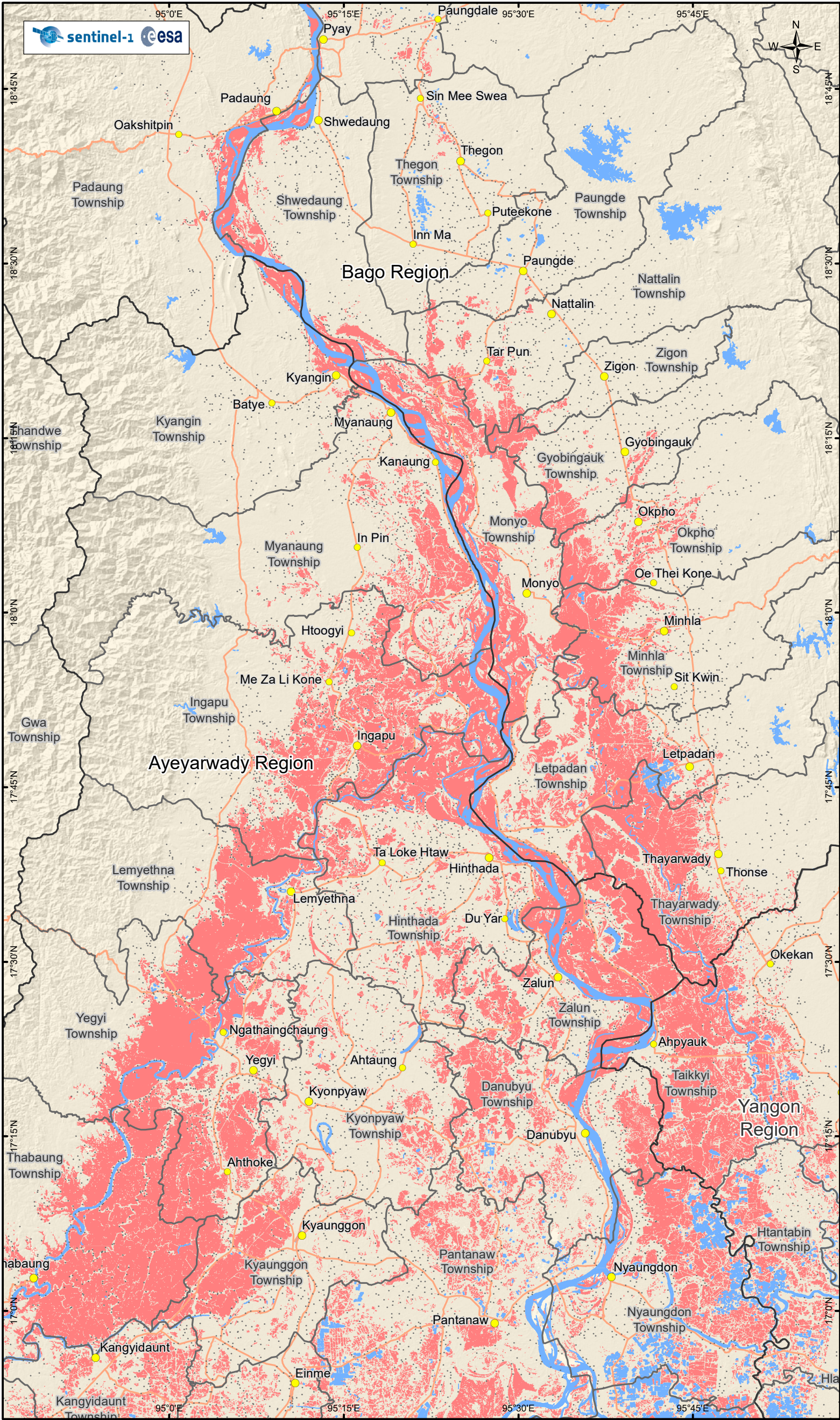
Paper Size: A3

Projection/Datum: Geographic/WGS84

0 2 4 8 12 Km



0 2 4 8 Miles



Satellite Data : Sentinel-1

Imagery Date : 28 July 2024

Copyright: Contains modified Copernicus

Sentinel data [2024]

Source: ESA

Base Layer: MIMU, OSM

Population data: WorldPop [2020]

Reference Water : Landsat Image (March 2024)

Shading: SRTM90M

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The boundaries and names shown and the designations are in line with the general cartographic practice to reflect the names of such places as designated by the host governments.