Myanmar Information Management Unit

Probable Flood Inundated Area in Bago Region

as of 23 August 2024 (6:15 PM Local Time)

Satellite detected water extent as of 23 August 2024, Bago, Daik-U, Kawa, Kyaukkyi, Kyauktaga, Nyaunglebin, Phyu, Shwegyin, Thanatpin and Waw township in Bago Region.

This map illustrates satellite-detected surface waters due to the current monsoon rains over Bago Region of Myanmar as observed from a Sentinel-1 image as of 23 Augusty 2024. Within the analyzed area of about 11,350 km2, a total of about 834 km2 of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 134,620 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.

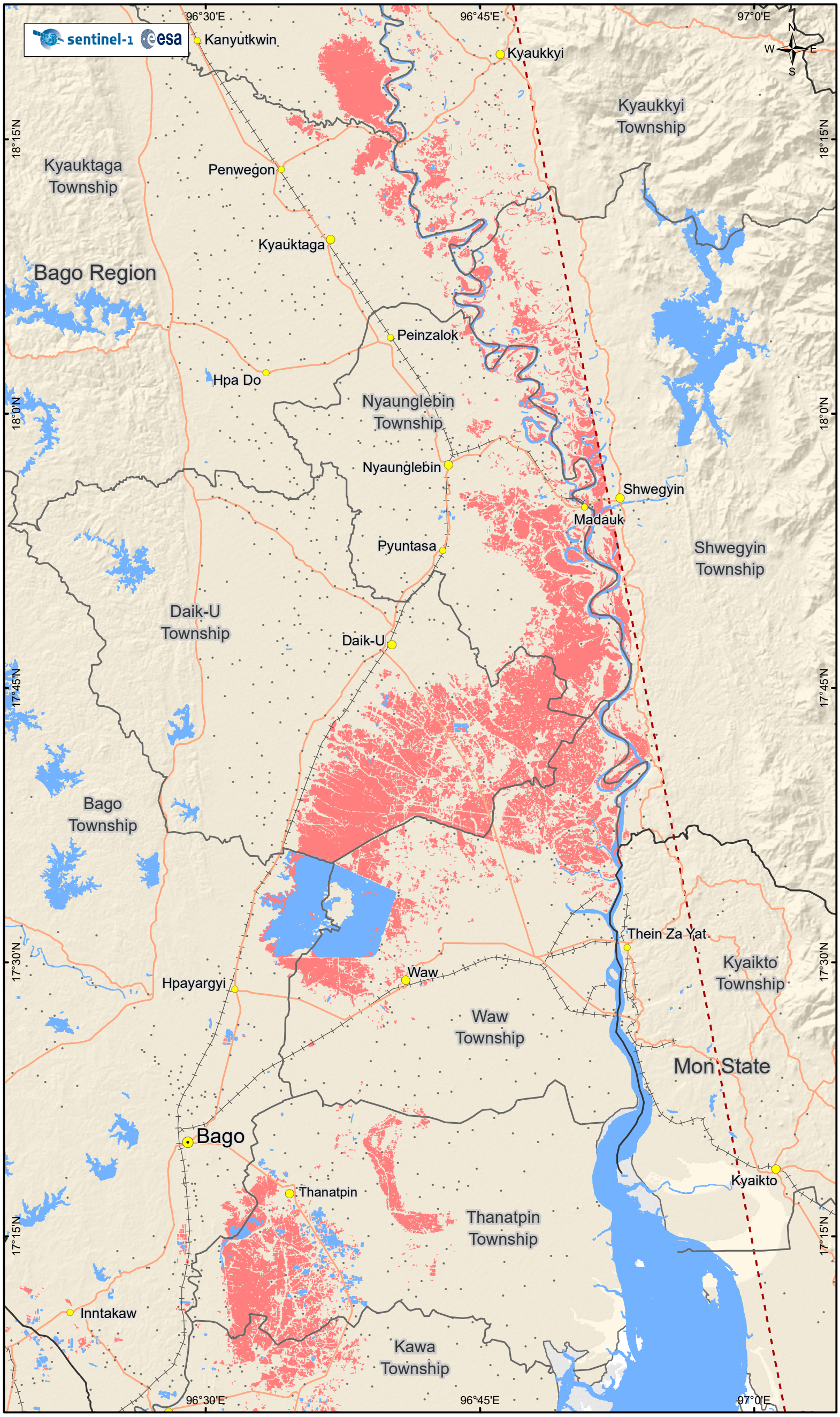
Legend

- Probable Flood Water (23 August 2024)
- River/ Lake/ Dam
- State/Region Capital
- Main Town
- Other Town
- Village
- State/Region Boundary
- Township Boundary
- Road
- Railroad
- Image frame

State/Region	Township	Water Extent (km2)	Population potentially Exposed
Bago (East)	Bago	19	4,215
	Daik-U	215	30,857
	Htantabin	17	3,204
	Kawa	37	10,859
	Kyaukkyi	41	6,016
	Kyauktaga	24	3,323
	Nyaunglebin	119	15,833
	Oktwin	15	2,541
	Phyu	53	6,324
	Shwegyin	68	12,316
	Thanatpin	104	20,792
	Waw	122	18,339
Grand Total		834	134,620

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: MIMU731v01
Production Date: 26 August 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 : 23 August 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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Email: info.mimu@undp.org Website: www.themimu.info

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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.