

Probable Flood Inundated Area in Bago Region

as of 11 August 2024 (6:15 PM Local Time)



Satellite detected water extent as of 11 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 11 Augusty 2024. Within the analyzed area of about 11,350 km2, a total of about 907 km2 of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 149,441 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 (11 August 2024)

 River/ Lake/ Dam

 State/Region Capital

 Main Town

 Other Town

 Village

 State/Region Boundary

 Township Boundary

 Road

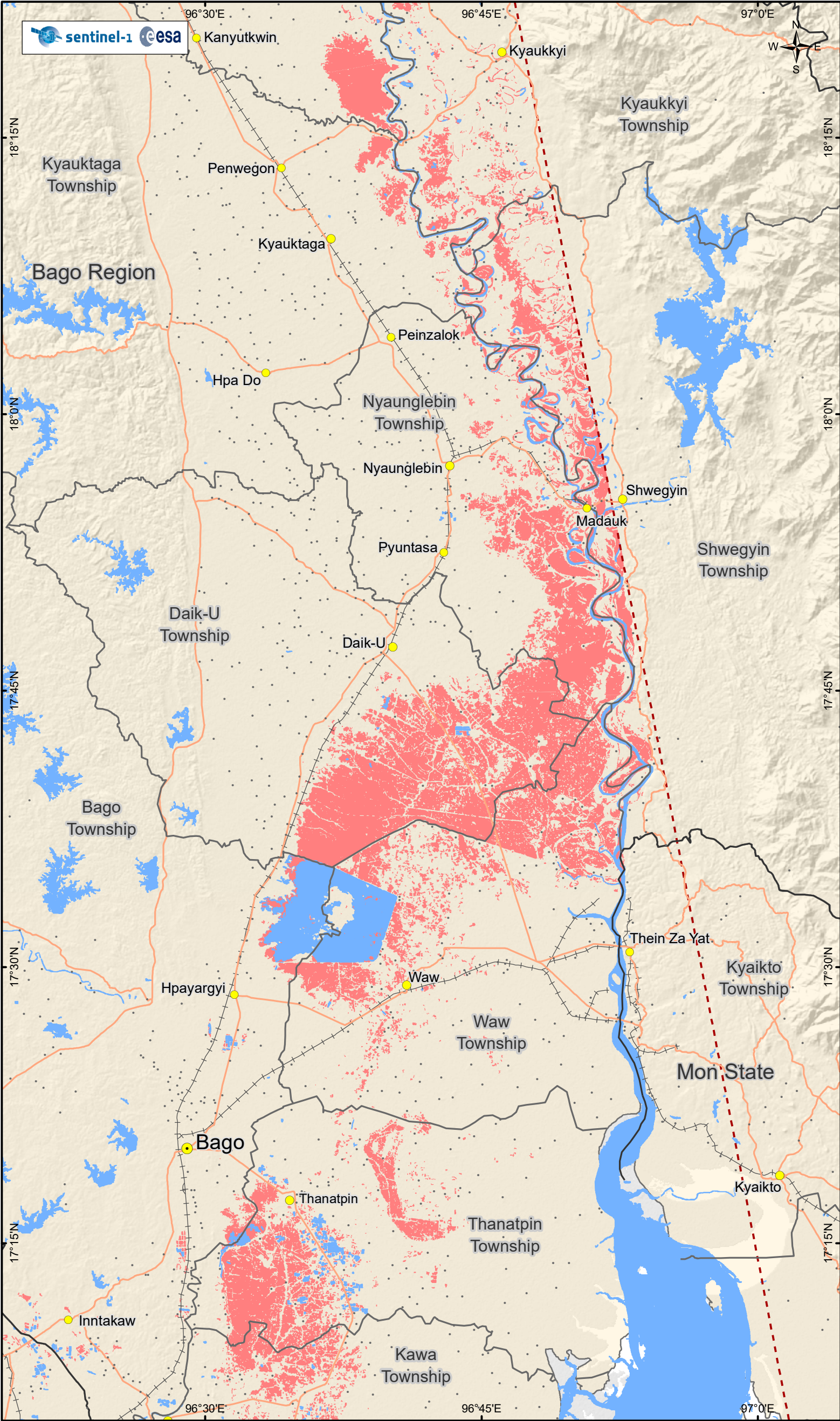
 Railroad

 Image frame

State/Region	Township	Water Extent (km2)	Population potentially Exposed
Bago (East)	Bago	20	4,584
	Daik-U	246	36,095
	Kawa	48	14,241
	Kyaukkyi	45	6,575
	Kyauktaga	20	2,479
	Nyaunglebin	130	17,706
	Phyu	42	5,001
	Shwegyin	84	13,931
	Thanatpin	115	23,195
	Waw	158	25,633
Grand Total		907	149,441

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.



Satellite Data : Sentinel-1
Imagery Date : 11 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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