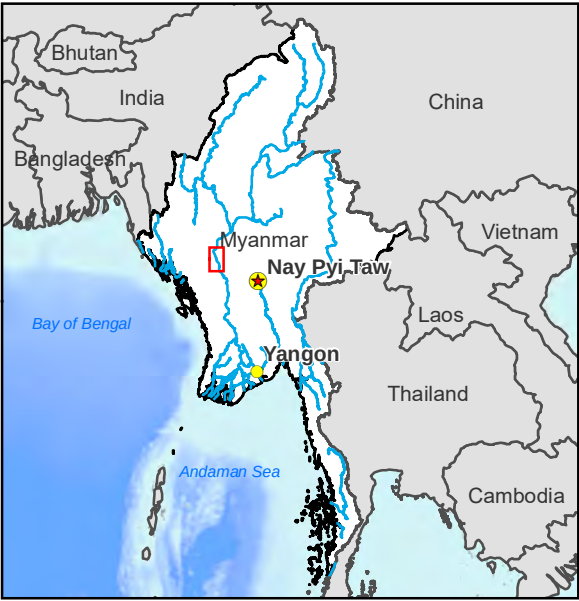




Probable Flood Inundated Area in Magway Region

as of 8 September 2023 (6:00 AM Local Time)



Satellite detected water extent as of 8 September 2023, Magway Region

This map illustrates satellite-detected surface waters due to the current monsoon rains over Magway region of Myanmar as observed from a Sentinel-1 image as of 8 September 2023. Within the analyzed area of about 637 km2, a total of about 637 km2 of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 63,342 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 (8 September 2023)

River/ Lake/ Dam

State/Region Capital

Main Town

Other Town

Village

State/Region Boundary

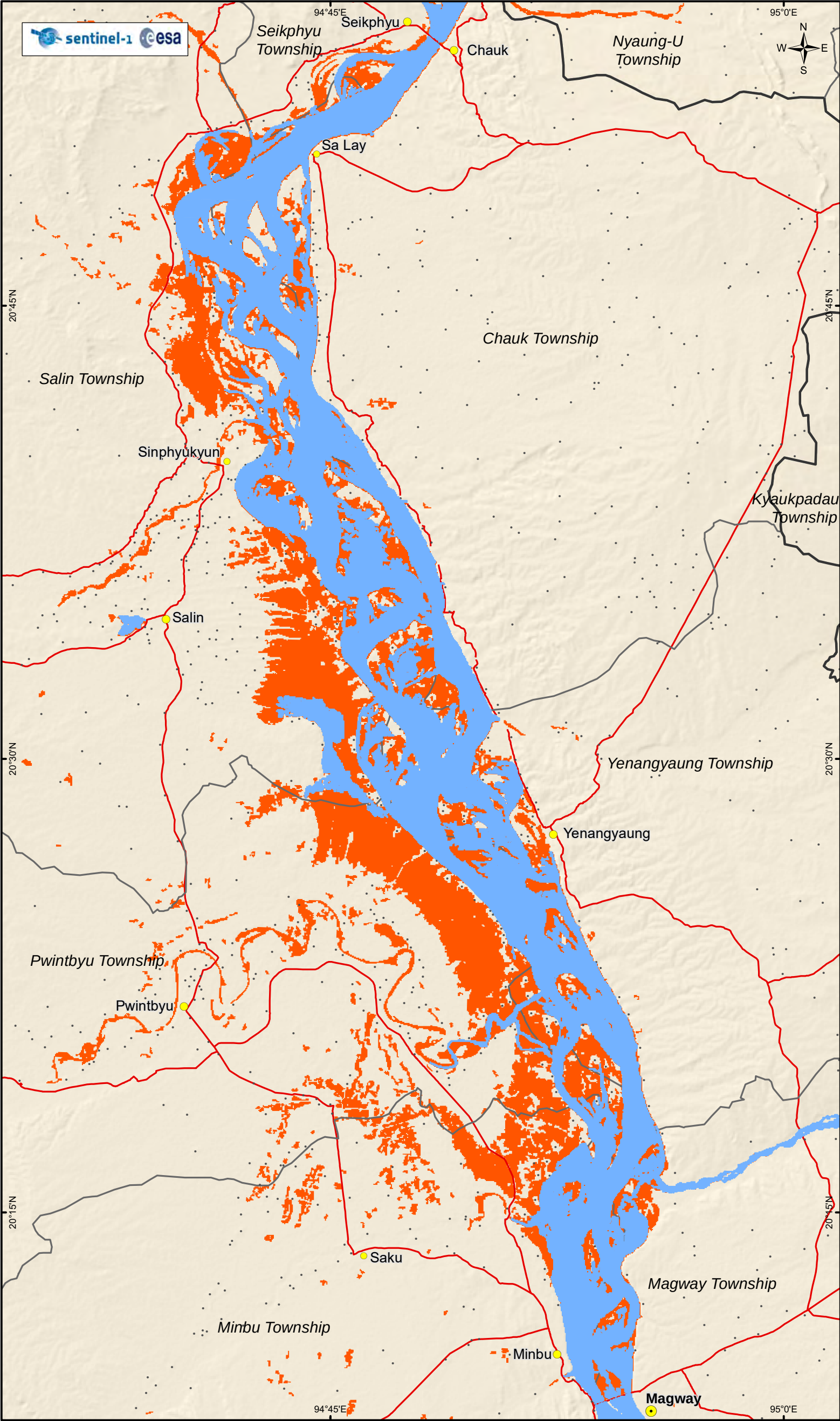
Township Boundary

Road

State	Township	Water Extent (Km2)	Population potentially exposed
Magway	Chauk	31	2,801
	Magway	21	1,249
	Minbu	65	5,404
	Pakokku	35	9,469
	Pwintbyu	187	19,472
	Salin	185	18,943
	Seikphyu	19	1,989
	Yenangyaung	94	4,014
Grand Total		637	63,342

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 : 8 September 2023
Copyright: Contains modified Copernicus
Sentinel data [2023]
Source: ESA

Base Layer: MIMU, OSM
Population data: WorldPop [2022]
Reference Water : Sentinel Image (24 July 2023)
Shading: SRTM90M

This product has been prepared for operational purposes only, to support humanitarian and development activities in Myanmar. It is based on current available information and is provided "as is", for reference purposes only; the United Nations and the MIMU specifically do not make any warranties or representations as to its accuracy or completeness. Please share updates on any errors or omissions via maps@themimu.info

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