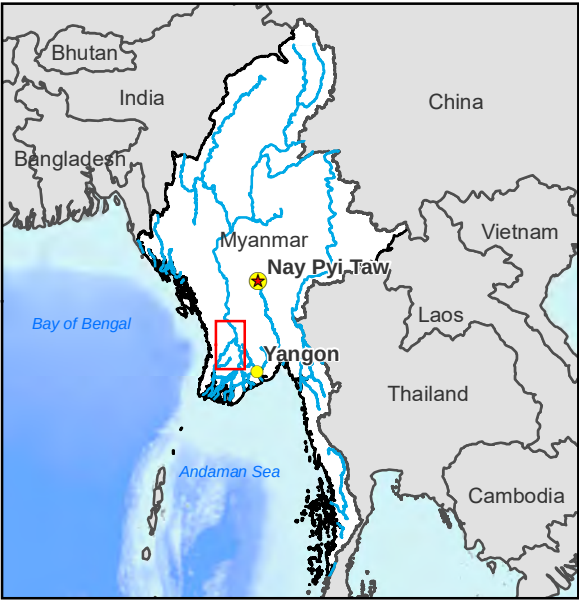




Probable Flood Inundated Area in Ayeyarwady and Bago Region

as of 10 September 2023 (6:15 PM Local Time)



Satellite detected water extent as of 10 September 2023, Ayeyarwady and Bago Region

This map illustrates satellite-detected surface waters due to the current monsoon rains over Ayeyarwady and Bago region of Myanmar as observed from a Sentinel-1 image as of 10 September 2023. Within the analyzed area of about 24,040 km², a total of about 1,851 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 288,362 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 (10 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
Ayeyarwady	Danubyu	17	9,177
	Hinthada	36	22,262
	Ingapu	36	18,034
	Kangyidaunt	56	6,776
	Kyangin	62	2,491
	Kyaunggon	64	6,982
	Kyonpyaw	95	1,605
	Lemyethna	119	7,095
	Maubin	133	7,616
	Myanaung	139	4,517
	Nyaungdon	214	13,576
	Pantanaw	332	19,574
Bago (West)	Thabaung	8	45,979
	Yegyi	16	27,650
	Zalun	24	21,078
	Gyobingauk	37	3,340
	Letpadan	46	8,500
	Minhla	56	8,033
	Monyo	188	37,785
	Nattalin	17	5,323
	Okpho	54	1,221
	Shwedaung	74	5,864
	Thayarwady	29	3,884
Grand Total		1,851	288,362

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: MIMU459v01
Production Date: 11 September 2023
Paper Size: A3
Projection/Datum: Geographic/WGS84

