Satellite detected water extent as of 11 August 2020 in Ayeyarwady, Bago (West) and part of Yangon Region

This map illustrates satellite-detected surface waters due to the current monsoon rains over Ayeyarwady, Bago (West) and part of Yangon Region of Myanmar as observed from a Sentinel-1 image as of 11 August 2020. Within the analyzed area of about 23,994 km², a total of about 1,528 km² of lands appear to be flooded. Based on Worldpop population data and the detected surface waters, about 209,225 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
- State/Region Capital
- Township Boundary
- Main Town
- State/Region Boundary
- Other Town
- Road
- Satellite detected water (27 July 2020)
- Satellite detected water (11 August 2020)
- Analysis Extent
- Reference water

Map Data: MMU1515v01
Production Date: 14 August 2020
Paper Size: A3
Projection/Datum: Geographic/WGS84
Resolution: 10 m
Source: ESA
Copyright: Contains modified Copernicus Sentinel data [2020]
Base Layer: MMU, OSM
Population data: WorldPop [2020]
Reference Water: JRC
Analysis: UNITAR - UNOSAT
Shading: SRTM90M
UNOSAT provide the satellite derived flood extent

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