Myanmar Information Management Unit
Probable Flood Inundated Area in Ayeyarwady and Bago Region
(as of 06 September 2021)

Satellite detected water extent as of 06 September 2021 in Ayeyarwady

This map illustrates satellite-detected surface waters due to the current monsoon rains over Ayeyarwady Region of Myanmar as observed from a Sentinel-1 image as of 6 September 2021. Within the analyzed area of about 37,901 km², a total of about 2,140 km² of land appear to be flooded. Based on WorldPop population data and the detected surface waters, about 413,516 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.

This product uses Worldpop methodology to estimate population in the affected areas. WorldPop estimates are based on the relationship between land cover and population in the affected areas. WorldPop estimates are preliminary analysis and has not yet been validated in the field. Please send ground feedback to MIMU.

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This product has been prepared for operational purposes only, to support humanitarian and development activities in Myanmar.

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