











### Satellite detected water extent as of 2 August 2020 in central part of Myanmar

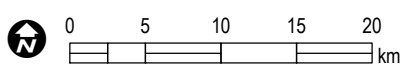
This map illustrates satellite-detected surface waters over Ayeyarwady, Bago (West) and Yangon Region of Myanmar as observed from a Sentinel-1 image acquired on 2 Aug 2020 due to the current monsoon rains. Within the analyzed area of about 22,200 km<sup>2</sup>, a total of about 1,700 km<sup>2</sup> of land appear to be flooded. Based on Worldpop population data and the detected surface waters, about 230,000 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 UNITAR - UNOSAT.

**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

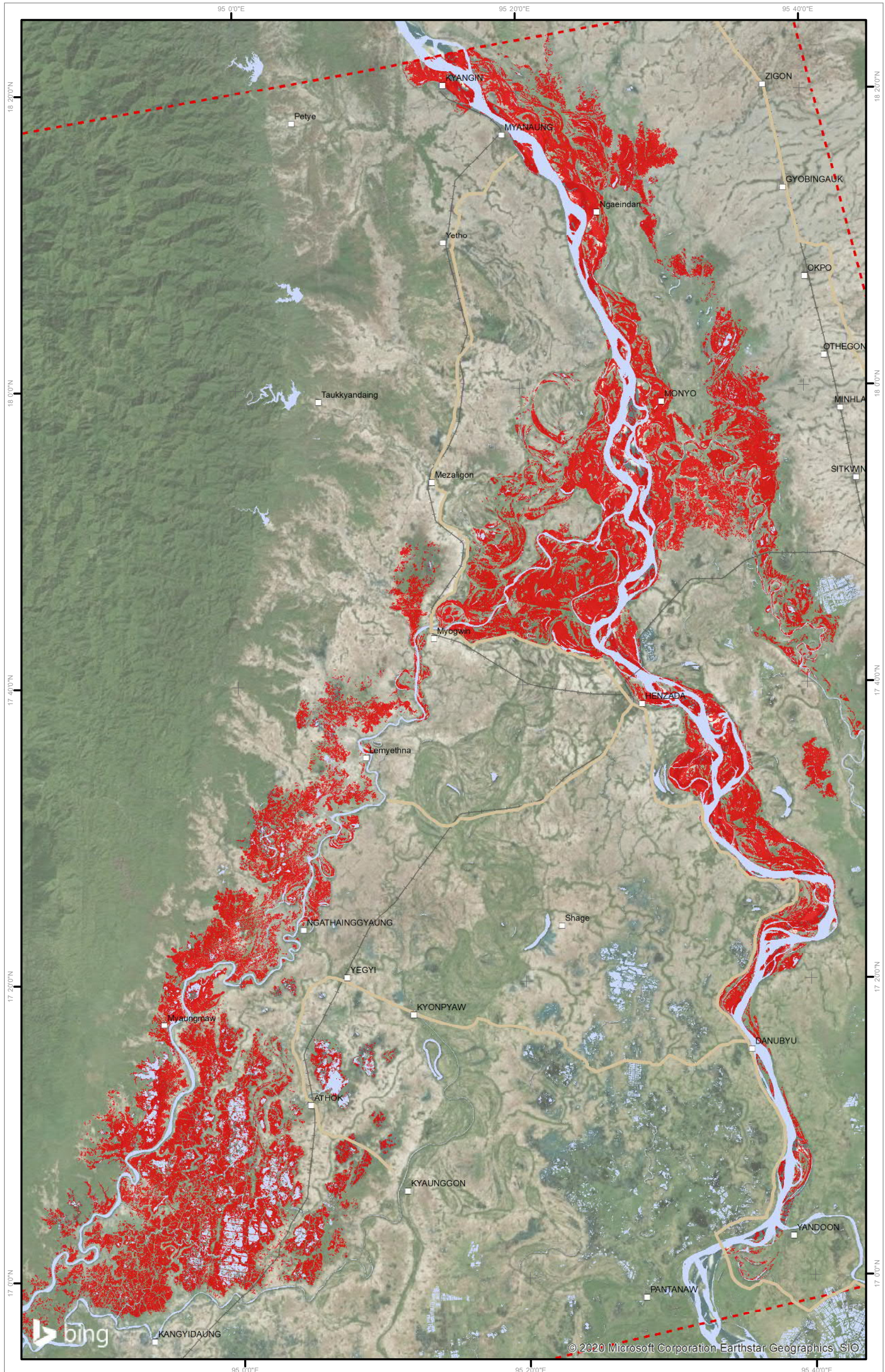
-  City / Town
-  Road
-  Railway
-  Division boundary
-  District boundary
-  Reference water
-  Analysis Extent
-  Satellite detected water [2 August 2020]

Map Scale for A3: 1:500,000



Analysis conducted with ArcGIS v10.7

Coordinate System: WGS 1984 UTM Zone 46N  
Projection: Transverse Mercator  
Datum: WGS 1984  
Units: Meter



Satellite Data : Sentinel-1  
Imagery Dates: 2 August 2020  
Resolution: 10 m  
Copyright: Contains modified Copernicus Sentinel data [2020]  
Source: ESA

Administrative boundaries: Myanmar Information Management Unit (MIMU)  
Population data: WorldPop [2020]  
Reference Water : JRC  
Background : ALOS Global DSM  
Analysis : UNITAR - UNOSAT  
Production: UNITAR - UNOSAT

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