

Activation ID: EMSR130 Product N.: 03LABUTTA, v1, English

Labutta - Myanmar Flood - 01/08/2015 Delineation Map



Full color ISO A1, low resolution (100 dpi)

Hydrology Transportation Aerodrome

Transportation

——Local Road

Secondary Road

			Affected	Total in AOI
Flooded area		ha	54	199
Estimated population	Inhabi	itants	1935	62602
Settlements	Built-up area	ha	6	2664
Transportation	Secondary road	km	0	113
	Local road	km	0.2	401

Unusual heavy monsoon rains have been affecting Myanmar since 16 July causing river overflows and floods. In the past few days, torrential rains damaged farmland, roads, rail tracks, bridges and houses.

The core users of the map is Emergency Response Coordination Centre (ERCC).

Relevant date and time records (UTC)						
Event	01/08/2015 00:00	Last crisis status	11/08/201511:45			
Activation	07/09/2015 10:00	Man production	11/00/2015			

Elevation data: SRTM (90 m posting). Height in meters above mean sea level. Population data: Landscan 2010 © UT BATTELLE, LLC.

All Data sources are complete and with no gaps.
Inset maps based on: Administrative boundaries (JRC 2013), Hydrology, Transportation

Map products available in the Copernicus EMS Portal at the following URL: http://emergency.copernicus.eu/mapping/list-of-components/EMSR130
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The products elaborated in the framework of current mapping in rush mode activation are realized to the best of our ability, within a very short time frame during a crisis, optimising the available data and information. All geographic information has limitations due to scale, resolution, date and interpretation of the original data sources. The products are compliant with Copernicus EMS Rapid Mapping Product Portfolio specifications.

The present map shows the flood delineation in the area of Labutta (MYANMAR). The basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event image Landsat-8. The matic layers, assessing the delineation of the event have been derived from post-event

All satellite images have been radiometrically enhanced, orthocorrected with RPC approach (using SRTM elevation data).

The estimated geometric accuracy of this product is 12 m CE90 or better, from native positional accuracy of the background satellite image. The estimated thematic accuracy of this product is 85 % or better, based on previous experience in using high-resolution SAR for flood extent delineation. Please be aware that the the matic accuracy might be lower in urban and forested areas due to known limitations of

Only the area enclosed by the Area of Interest has been analyzed.

