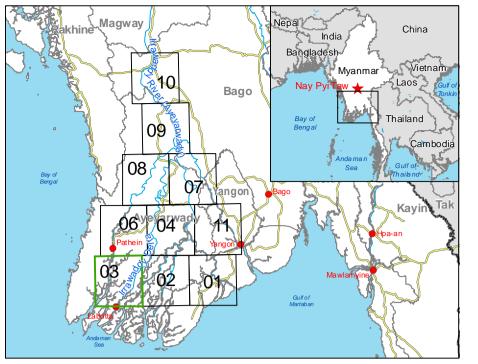


Activation ID: EMSR130 Product N.: 03LABUTTA, v2, English

> Labutta - Myanmar Flood - 01/08/2015
> Delineation Map - Monit01



Full color ISO A1, low resolution (100 dpi)

Grid: WGS 1984 UTM Zone 46N map coordinate system

Hydrology Flooded Area (17/08/2015 00:13 UTC)

**Transportation** Aerodrome Secondary Road

| Consequences within the AOI on 1//08/2015 |                |    |          |              |  |
|---|----------------|----|----------|--------------|--|
|   |                |    | Affected | Total in AOI |  |
| Flooded area                              |                | ha | ha 6216  |              |  |
| Estimated population                      | Inhabitants    |    | 12828    | 626028       |  |
| Settlements                               | Built-up area  | ha | 1        | 2664         |  |
| Transportation                            | Secondary road | km | 0        | 113          |  |

——Local Road

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. Reservoir are seasonal inundated areas and water bodies probably due to agricultural practices (paddy fields).

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 | 17/08/2015 00:13 |  |
| Activation                           | 07/08/2015 10:00 | Map production     | 17/08/2015       |  |

Radarsat-2 © MDA (acquired on 17/08/2015 00:13, GSD 25m) Ltd. All rights reserved, provided under COPERNICUS by the European Union and ESA. Landsat-8 © U.S. Geological Survey (acquired on 30/03/2015 - 21/03/2015 - 05/03/2015, GSD 15 m, respectively approx. 0.17% - 0.07% - 0.88% cloud coverage)
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10000, extracted on 01/01/2001), refined by SERTIT. Source

Map products available in the Copernicus EMS Portal at the following URL: http://emergency.copernicus.eu/mapping/list-of-components/EMSR130
All products are © of the European Union.

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 50 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

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

Map produced by SERTIT under contract 259736 with the European Union. Name of the release inspector (quality control): SERTIT (ODO). E-mail: rapidmapping @ems-copemicus.eu



