

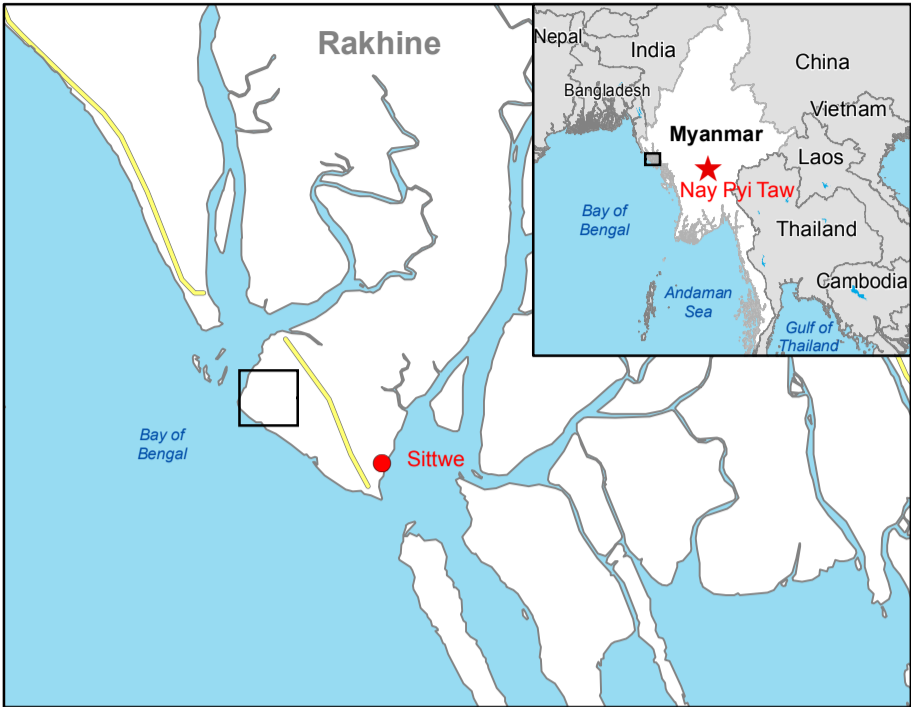
GLIDE number: N/A Activation ID: EMSR-051
Product N.: 01Sittwe, v1

Sittwe - Rakhine - Myanmar

Population displacement - 11/07/2013

Reference Map - Detail 03

Production date: 24/09/2013



Cartographic Information

1:10000 Full color ISO A1, high resolution (300 dpi)

0 0.25 0.5 1 km

Grid: WGS 1984 UTM Zone 46N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

Crisis Information	General Information	Point of Interest
IDP camp delineation	Area of Interest	IDP camp
Shelter	Not analyzed	Transportation
Tent	Sources	Bridge
Administrative building	Settlements	Railway
Washing facility	Populated Place	Secondary Road
Toilet	Residential	Local Road
	Agricultural	Land use - Land Cover
		Features available in vector data

Structures and population within the IDP camp on 23/09/2013			
Estimated camp population	inhabitants	51150	
Camp area	ha	103	
Camp structures	Shelter	No.	1592
	Tent	No.	60
	Administrative building	No.	80
	Washing Facility	No.	8
	Toilet	No.	176

Map Information

Following the violence that broke out in Rakhine in October 2012, UN OCHA has been facing difficulties estimating the people affected by the conflict and identify shelters and boundaries of camps of displaced people as well as progress in relief installation construction. The core users of the map is UN OCHA. The potential additional users of the map are government authorities. The scope of the map production is monitor the progress of the construction of shelters and identify safe locations and routes for evacuations in case of severe storms and cyclones.

Data Sources

Inset maps based on: Administrative boundaries (JRC, 2013, GISC0 2010, © EuroGeographics), Hydrology, Transportation (Natural Earth, 2012, CCM River DB © EU-JRC 2007), Settlements (Geonames, 2013). GeoEye-1 © DigitalGlobe (acquired on 23/09/2013 04:42 UTC, GSD 0.87 m, 30% cloud coverage, used as background) and Pleiades © CNES 2013, Distribution Astrium Services/SPOT Image S.A., all rights reserved (acquired on 19/09/2013 04:17 UTC, GSD 0.87 m, 38% cloud coverage) provided under ESA GSC-DA DWH License. Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10,000, extracted on 06/2013), GAUL (2008), refined by ITHACA. Source information is included in vector data. Elevation data: SRTM (90m posting). Height in meters above mean sea level. All Data sources are complete and with no gaps.

Dissemination/Publication

No restrictions on the publication of the mapping apply. Delivery formats are GeoTIFF, GeoPDF, GeoJPEG and vectors (shapetile and KML formats).

Framework

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 GIO-EMS RUSH Product Portfolio specifications.

Map Production

The present map shows IDP location and basic topographic features such as transportation, hydrology and settlements in the area of Sittwe, Rakhine state (MYANMAR). These basic topographic features are derived from public datasets, refined by means of visual interpretation of pre-event GeoEye-1 © DigitalGlobe (acquired on 23/09/2013 04:42 UTC, GSD 0.87 m, 30% cloud coverage) and Pleiades © CNES 2013 (acquired on 19/09/2013 04:17 UTC, GSD 0.87 m, 38% cloud coverage). All satellite images have been radiometrically enhanced and coregistered to EMSR-007 vector datasets. The estimated geometric accuracy of this product is 18 m CE90 or better, from native positional accuracy of the background satellite image. The estimated thematic accuracy of this product is 85% or better, as it is based on visual interpretation of recognizable items on very high resolution optical imagery. Shadowed/hazed areas are zones of lower interpretation accuracy due to the poorer image radiometry. Only the area enclosed by the Area of Interest has been analyzed. Map produced on 24/09/2013 by ITHACA under contract 257219 with the European Commission. All products are © of the European Commission. Name of the release inspector (quality control): e-GEOS (ODO). E-mail: rush@ems-gmes.eu

