



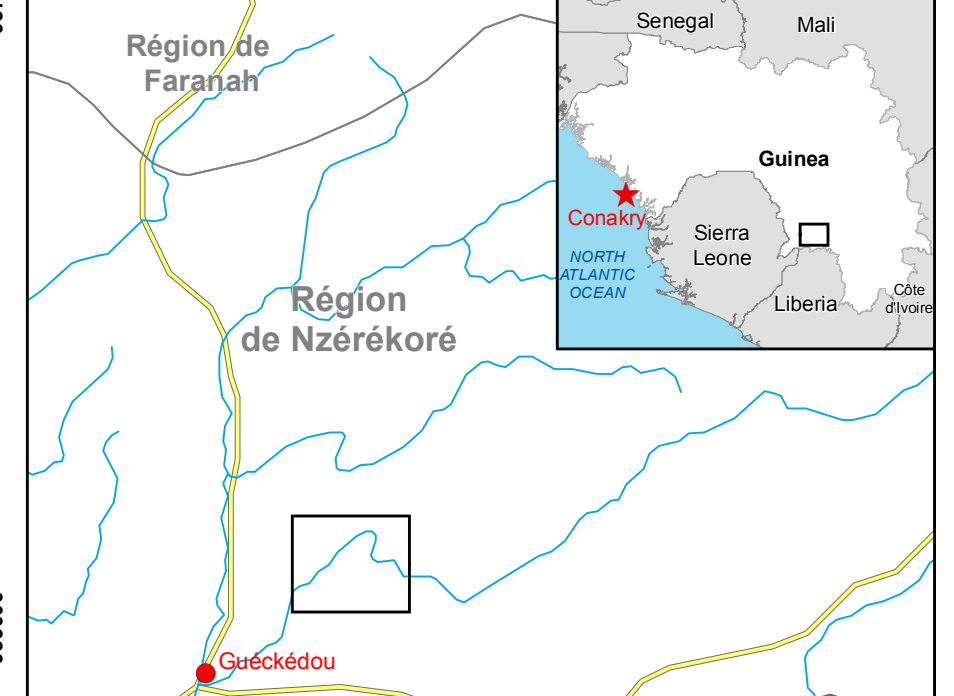
GLIDE number: N/A Activation ID: EMSR-076
Product N.: 01Meliandou, v2

Meliandou - GUINEA

Other - 01/03/2014

Reference Map - Overview

Production date: 27/03/2014



Cartographic Information

1:12000 Full color ISO A1, medium resolution (200 dpi)



Grid: WGS 1984 UTM Zone 29N map coordinate system
Tick marks: WGS 84 geographical coordinate system

Legend

- General Information**
 - Area of Interest
- Land Use - Land Cover**
features available in vector data
 - Palms Cover**
 - Palms cultivation
 - Scrub with sparse palms
- Administrative boundaries**
 - Sous-préfecture
- Physiography**
 - Contour lines and elevation (m)
- Transportation**
 - Local Road
 - Trail
- Settlements**
 - Populated Place
- Hydrology**
 - River
 - Stream
- Other**
 - Residential

Exposure within the overview AOI			
Estimated population		inhabitants	1709
Settlements	Residential	ha	13.5
Transportation	Local roads	km	35.4
	Trail	km	25.8
Land use	Bare soil	ha	470.7
	Cropland	ha	240
	Forest	ha	535.7
	Scrub with sparse palms	ha	347.1
	Palms cultivation	ha	6.43

Map Information
Guinea is experiencing cases of febrile illnesses with several deaths; some cases have been tested as positive to Ebola virus. Epidemiologists seek to identify the area of oil palm cultivation, which is likely to attract bats who are one of the main vectors of the virus. The core users of the map are Humanitarian Aid Operators. The scope of the map production is planning and support to logistics.

Data Sources

WorldView-2 image © Digitalglobe (acquired on 12/03/2014 11:29 UTC, GSD 0.5m, 0% cloud coverage) provided under ESA GSC-DA DWH License.
Landsat® USGS (acquired on 28/03/2014, GSD 15 m, 0% cloud coverage)
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikimapia.org, GeoNames (approx. 1:10 000, extracted on 27/03/2014), refined by e-GEOS
Source information is included in vector data.
Elevation data: SRTM (10m posting). Height in meters above mean sea level.
Population data: LANDSCAN 2010 © UT BATTELLE, LLC.
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 (shapelite and KML formats).

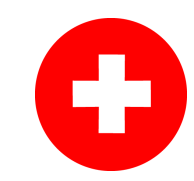
Framework

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 basic topographic features such as transportation, hydrology and settlements in the area of Meliandou (Guinea). These basic topographic features are derived from public datasets, refined by means of visual interpretation of WorldView-2 image © Digitalglobe (acquired on 12/03/2014 11:29 UTC, GSD 0.5m, 0% cloud coverage). All satellite images have been radiometrically enhanced and orthorectified with RPC approach (using SRTM elevation data). The estimated geometric accuracy of this product is 5 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. Only the area enclosed by the Area of Interest has been analyzed.
Map produced on 27/03/2014 by e-GEOS 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

Map products available at <http://emergency.copernicus.eu/mapping/list-of-components/EMSR076>



Other

- Humanitarian Aid
- Preparedness
- Reference Map - Overview
- Planning
- WorldView-2 (c) Digitalglobe
- 01-03-2014

