



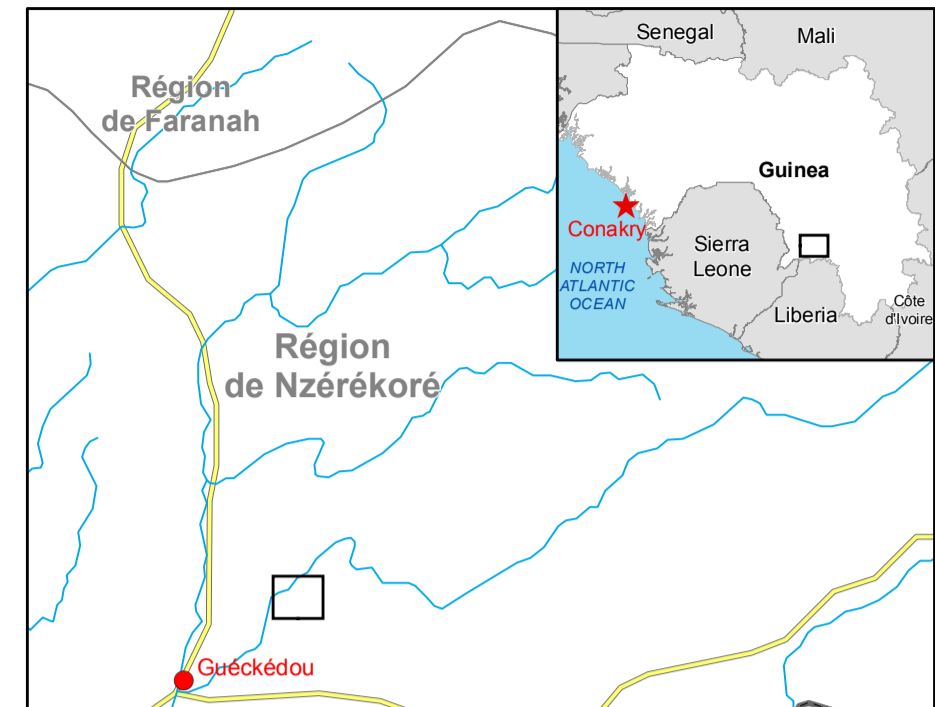
GLIDE number: N/A Activation ID: EMSR-076
Product N.: 01Meliandou, v2

Meliandou - GUINEA

Other - 01/03/2014

Reference Map - Detail

Production date: 27/03/2014



Cartographic Information

1:5000 Full color ISO A1, medium resolution (200 dpi)

0 0.1 0.2 0.4 km

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

Residential

Hydrology

River

Stream

Exposure within the detail AOI			
Estimated population	inhabitants		719
Buildings	Residential	No.	265
	Local roads	km	5.9
Transportation	Trail	km	4.8
	Bare soil	ha	32
Land use	Cropland	ha	177.5
	Forest	ha	62
	Scrub with sparse palms	ha	452.3
	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.
Base vector layers based on OpenStreetMap © OpenStreetMap contributors, Wikipedia.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 (90m posting). Height in meters above mean sea level.
Population data: LANDSCAN 2010 © UT BATELLE, 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).
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Map products available at <http://emergency.copernicus.eu/mapping/list-of-components/EMSR076>

