Country Profile: Madagascar

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Madagascar 1:50,000 Scale Topographic Maps	FTM	1:50,000	1955 – 1988	162
Madagascar 1:100,000 Scale Topographic Maps	FTM	1:100,000	1933 – 1998	452

Geoscientific

Series	Publisher	Scale	Years	Sheets
Madagascar 1:100,000 Scale Geological Maps	SGM	1:100,000	1952 – 1978	164

Thematic

Series	Publisher	Scale	Years	Sheets
The World 1:30,000,000 Scale Topographic Map Series 1145 (NGA)	DMA	1:30,000,000		2

Global Census Archive: GIS Census Data

East View Geospatial has an ongoing effort to add GIS census data to our Global Census Archive program. Please contact us for the status and availability of Madagascar census resources.

Global Geography Library

Collection Name	Item Count	Published	Index Map / Title List
Madagascar Topographic 50K	162	1955-1988	index map / title list
Madagascar Topographic 100K	452	1950-1998	index map / title list
Madagascar Topographic 500K	11	1985-1992	index map / title list

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	VTU GSh	Varies	1944 – 2003	3,026
Soviet Military 1:100,000 Scale Topographic Maps	VTU GSh	1:100,000	1947 – 1999	24,897
Soviet Military 1:200,000 Scale Topographic Maps	VTU GSh	1:200,000	1949 – 2009	17,799
Soviet Military 1:500,000 Scale Topographic Maps	VTU GSh	1:500,000	1953 – 1998	3,093
Soviet Military 1:1,000,000 Scale Topographic Maps	VTU GSh	1:1,000,000	1948 – 1994	1,089

Nautical

Series	Publisher	Scale	Years	Sheets
NGA Nautical Charts POD Certified (All Scales)	NGA	Varies	1943 – 2013	4,517

Aeronautical

Series	Publisher	Scale	Years	Sheets
Joint Operations Graphic (JOG 1501A) 1:250,000 – Aeronautical	DMA	1:250,000	1958 – 2007	6,380
Tactical Pilotage Chart (TPC) 1:500,000 Scale – Aeronautical	DMA	1:500,000	1967 – 2006	618
Operational Navigation Chart (ONC) 1:1,000,000 Scale – Aeronautical	DMA	1:1,000,000	1969 – 2001	248
Jet Navigation Chart (JNC) 1:2,000,000 Scale – Aeronautical	DMA	1:2,000,000	1971 – 1999	117
Global Navigation and Planning Chart (GNC) 1:5,000,000 Scale – Aeronautical	DMA	1:5,000,000	1981 – 1999	27

Note: East View Geospatial is continuously sourcing new resources that may not yet be listed in Global Explorer. Please contact us if you have geodata needs beyond what is listed above and we will be happy to discuss available off-the-shelf and custom solutions.

Shop all products in Global Explorer

Historical Country Mapping Information

Jump to: **Topographic | Nautical | Geological/Scientific | Vegetation/Forestry | Thematic | Cadaster | Tourist/Reference**

Country Profile (PDF)

Topographic

The national mapping agency **Foiben-Taosarintanin'i Madagasikara (FTM)** carries out topographic, geodetic and photogrammetric surveying and produces topographic and thematic mapping of Madagascar. Its history can be traced back to the establishment of a survey office in 1896 and the initiation of a survey for the production of 1:100,000 scale mapping a decade later. The **Institut Géographique National (IGN)**, Paris, and its predecessors established modern topographic mapping of the island with a major program to map Madagascar according to *Type 1926* specifications after the end of World War II. After independence from France **FTM** was founded under its current name in 1974 and has, where possible, developed the colonial mapping programs.

The 1:100,000 scale *Sarintany topografika* offers complete coverage of the island in 452 sheets. This photogrammetric map is on an oblique Mercator projection, International ellipsoid and is published as a seven or eight-color map with relief shown in 25 m or 50 m contours. Sheets are designated by an alpha-numeric system. A 1:50,000 scale map on the same projection and spheroid is much less complete; fewer than 200 sheets are available from the 904 needed for complete coverage. These are published for the more developed areas to the east of the island. Two versions are issued, a seven-color *édition définitive* with 25 m contours, and, for some areas, a simplified four-colour map. Many sheets in both these series are very old, and only about 10 maps a year are being produced to full photogrammetric standards.

Soviet military topographic of Madagascar exists at the following scales: 1:1,000,000 (8 sheets, complete coverage, published 1991-1994); 1:500,000 (20 sheets, complete coverage, published 1987-1989); 1:200,000 (109 sheets, complete coverage, published in 1985), and a city (1:10,000) topographic map of Antananarivo published in 1985. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

Back to top

Nautical

FTM also acts as the national hydrographic office compiling nautical charts of coastal waters, but the best available charting of Madagascan waters is available from the French **Service Hydrographique et Océanographique de la Marine (SHOM)**.

Back to top

Geological/Scientific

Divisions of the **Ministère de l'Industrie de l'Energie et de Mines** carry out earth science mapping. Other agencies have also prepared geological, geophysical and resources mapping, notably **Institut Français de Recherche Scientifique pour le Développement en Coopération (ORSTOM)**. **ORSTOM** has compiled gravimetric, bioclimatic and magnetic mapping of Madagascar.

Back to top

Vegetation/Forestry

Vegetation maps at a scale of 1:1,000,000 were issued by the **Institut Français de Pondicherry (IFP)** in the series *Carte internationale du tapis végétale et des conditions écologiques*.

The **Ministère de la Recherche Scientifique et Technologique pour Développement** embarked upon 1:250,000 scale resource inventory mapping in the early 1980s, which was projected to cover the country in six different editions for each quad. These comprised soils, land use, agriculture, forests, pasture and population.

Back to top

Thematic

A wide range of small scale maps are issued by **FTM**. The 1:500,000 *Sarintanini Madagasikara* covers Madagascar in 11 sheets, shows relief with 100 m contours and is regularly revised. This and other smaller-scale mapping is on the Lambert conformal conic projection. 1:1,250,000 scale coverage in two sheets is issued for several themes, including administrative divisions, climate, economic and agricultural geography, population, and natural vegetation. A 1:2,000,000 scale tourist map has been regularly revised, the latest version is produced in conjunction with **IGN** Paris.

Back to top

Cadaster

Larger scale topographic maps are published for some urban areas in Madagascar. A 1:10,000 scale map covering the major towns was started in the early 1980s and includes an indexed town map, printed with an overview map of the district. Other topographic mapping at 1:25,000 and 1:10,000 scales is available for some areas of the country.

Back to top

Tourist/Reference

Commercially published small scale mapping of Madagascar is issued by **Cartographia**, Budapest and **International Travel Maps (ITM)**, Vancouver.

Back to top

Content copyright © 2014 De Gruyter for e-version of World Mapping Today, 2nd Edition

Visit https://geospatial.com/country_profiles/madagascar/ for more information or to place an order.