Country Profile: Mozambique

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Malawi 1:250,000 Scale Topographic Maps (Metric)	MW-DOS	1:250,000	1991 – 1996	10
Malawi 1:250,000 Scale Topographic Maps (SD)	MW-DOS	1:250,000	1976	10
Mozambique 1:25,000 Scale Topographic Maps	DINAGECA	1:25,000	1998	32
Mozambique 1:50,000 Scale Topographic Maps	DINAGECA	1:50,000	1958 – 2002	698
Mozambique 1:250,000 Scale Topographic Maps	DINAGECA	1:250,000	1971 – 2002	89

Nautical

Series	Publisher	Scale	Years	Sheets
Mozambique Nautical Charts (All Scales)	MDN	Varies	1985 – 2023	44

Geoscientific

Series	Publisher	Scale	Years	Sheets
Tanzania 1:2,000,000 Scale Geological Map	BRGM	1:2,000,000	2004	1
Mozambique 1:250,000 Scale DNG Geological Maps	DNG	1:250,000	2006 – 2007	74
Mozambique 1:250,000 Scale DNG Geological Maps (Explanatory Notes)	DNG	1:250,000	2006	4
Mozambique 1:250,000 Scale Geological Vector Data	DNG	1:250,000	2007	99
Mozambique 1:1,000,000 Scale Metal Map (4 sheets)	DNG	1:1,000,000	1993	1
Mozambique 1:1,000,000 Scale Mineral Map (4 Sheets)	DNG	1:1,000,000	2000	1
Malawi 1:100,000 Scale Geological Maps	GSD	1:100,000	1960 – 1984	29
Malawi 1:250,000 Scale Geological Maps	GSD	1:250,000	1970 – 1992	10
Malawi 1:1,000,000 Scale Geological Map	GSD	1:1,000,000	1966	1
Malawi 1:1,000,000 Scale Mineral Resources Map	GSD	1:1,000,000	1990	1
Malawi 1:1,000,000 Scale Aeromagnetic Map	HGG	1:1,000,000	1986	1
Mozambique 1:1,000,000 Scale Metallogenic Map (4 sheets)	INGM	1:1,000,000	1993	1
Mozambique 1:50,000 Geological Maps	MIREM	1:50,000		65
Mozambique 1:250,000 Scale Geological Maps	SGM	1:250,000	1956 – 1973	35

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 Mozambique census resources.

Global Geography Library

Collection Name	Item Count	Published	Index Map / Title List

Mozambique Geological 250K (includes 4 explanatory notes)	78	2006-2007	index map / title list

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	VTU GSh	Varies	1944 – 2003	3,021
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.

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Historical Country Mapping Information

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Country Profile (PDF)

Topographic

The national mapping agency in Mozambique is **Direcçào Nacional de Geografía e Cadastro (DINAGECA)**. It is responsible for topographic and cadastral mapping of the country and has inherited a mapping infrastructure established in the colonial era prior to Mozambique's independence in 1975. Colonial mapping was carried out under Portuguese administration with large-sheet series published at 1:250,000 and at 1:500,000 scales. 1:50,000 scale mapping started in 1958, based upon new surveys and published as quarter-degree quadrangles on the UTM projection, Clarke 1866 ellipsoid. Progress on this and other mapping projects had been intermittent until the end of civil war in 1992. Surveying for this series was completed for the whole country by 1995 and about 85 percent of the 1,207 sheets required for complete coverage had been published by 1997. A French aid program is being used to revise parts of this map, using LANDSAT and SPOT imagery, but most sheets in this series were prepared by photogrammetry prior to independence and are still only available as ozalid prints. New photogrammetric mapping on the UTM projection at 1:250,000 was started in 1967, and all the maps in this 102 sheet series were revised in 1987-88.

Smaller scale mapping is also compiled. A new 1:500,000 scale map in 23 sheets was started in 1988 and 1:1,000,000 topographic coverage is also published by **DINAGECA**. Single-sheet road, administrative, relief and population distribution maps are issued, and an A4 (210 mm X 296 mm) format series of 1:2,000,000 scale province maps was released in 1997. Amongst its other work **DINAGECA**

compiles urban mapping including two-sheet full-color 1:15,000 coverage of Maputo, with 1:10,000 coverage in progress for other towns. A 1:50,000 land cover map of the southern parts of the country has also been started.

Soviet military topographic mapping of Mozambique is available at the following scales: 1:1,000,000 (8 sheets, complete coverage, published in 1985); 1:500,000 (25 sheets, complete coverage, published 1983-1985); 1:200,000 (147 sheets, complete coverage, published 1981-1984) and a city (1:10,000) topographic map of Maputo published in 1982. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Nautical

The hydrographic agency in Mozambique is **Instituto Nacional de Hidrografia e Navigação**. Re-established with Norwegian aid in 1989 it maintains a range of 41 nautical charts covering Mozambiquan coastal and inland waters.

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Geological/Scientific

Earth science mapping of Mozambique is carried out by **Direcção Nacional de Geología (DNGM)**, (formerly Instituto), in the Ministry of Mineral Resources and Energy. Geological coverage is available at 1:250,000 for over 90 percent of the country. This series was established by Portuguese authorities, and recent work is aimed at completing the 102 sheets. Progress in 1:100,000 and 1:50,000 scale geological series has mainly been achieved since independence. Over half of the country is now mapped at 1:100,000 scale and about a fifth is available at 1:50,000 scale. Geophysical and geochemical maps at these three scales are also available, and reconnaissance photo-geological coverage has been flown for the whole country. Several earth science themes are available at 1:1,000,000 and 1:2,000,000 scales, including a metallogenic sheet published in association with the **South African Council for Geoscience**, minerals mapping compiled with Portuguese assistance, and a new edition of the 1:1,000,000 scale tectonic map.

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Soil

Instituto Nacional de Investigaçao Agronomica (INIA) is carrying out resource mapping using satellite imagery, which has included the publication of a 1:1,000,000 scale soil map issued for each of the 10 provinces, and the compilation of a new 1:250,000 scale national soil survey, starting with coverage of southern areas of the country.

The **Direcção Nacional de Florestas e Fauna** has also prepared a provincial 1:1,000,000 scale map using image interpretation, which provides an inventory of forest cover in the country. It has also prepared new 1:50,000 scale biomass mapping in 49 sheets covering the areas to the south of the Limpopu river.

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Tourist/Reference

Only limited commercially published mapping is available for Mozambique, notably the multilingual tourist map from **Cartographia**, and a recently published transport map from **Cleveland Map Company**. **New Holland**, and **Institut Géographique National (IGN)**, Paris also publish general coverage of the country.

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