

Country Profile: Uganda

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Uganda 1:50,000 Scale Topographic Maps (DMA Y737)	DMA	1:50,000	1994	8
Uganda 1:250,000 Scale Topographic Maps	DLS	1:250,000	1959 - 1973	18
Democratic Republic of the Congo 1:50,000 Scale Topographic Maps (RNLAGA)	RNLAGA	1:50,000	2006	12
Uganda 1:50,000 Scale Topographic Maps (Y732/DOS 426)	DOS	1:50,000	1957 - 1972	317
Uganda 1:50,000 Scale Topographic Maps (Y32_USMD)	USMD	1:50,000	1958 - 2008	104
Uganda 1:50,000 Scale Vector Data	USMD	1:50,000	2001	95

Geoscientific

Series	Publisher	Scale	Years	Sheets
Tanzania 1:2,000,000 Scale Geological Map	BRGM	1:2,000,000	2004	1
Uganda 1:500,000 Scale Geological Maps	DGSM	1:500,000	2009	2
Uganda 1:100,000 Scale Geological Maps	DLS	1:100,000	1957 - 1965	24
Uganda 1:250,000 Scale Bouguer Gravity Geological Maps	DLS	1:250,000	1961 - 1964	10
Uganda 1:250,000 Scale Geological Maps	DLS	1:250,000	1961 - 1962	14
Ethiopia 1:2,000,000 Scale Geological Map	EGS	1:2,000,000	1996	1
Rwanda 1:100,000 Scale Geological Maps	IGM	1:100,000	1964 - 1971	6

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 Uganda census resources.

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	VTU GSh	Varies	1944 - 2003	3,020
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

Nautical

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

Series	Publisher	Scale	Years	Sheets
Joint Operations Graphic (JOG 1501A) 1:250,000 – Aeronautical	DMA	1:250,000	1958 – 2007	4,204
Tactical Pilotage Chart (TPC) 1:500,000 Scale – Aeronautical	DMA	1:500,000	1967 – 2006	598
Operational Navigation Chart (ONC) 1:1,000,000 Scale – Aeronautical	DMA	1:1,000,000	1969 – 2001	243
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

Geoscientific

Series	Publisher	Scale	Years	Sheets
Soviet Military 1:1,000,000 Scale Topographic Maps	VTU GSh	1:1,000,000	1948 – 1994	1,089

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 **Surveys and Mapping Department (USMD)** carries out official mapping of the country. Uganda’s mapping infrastructure was established under British aid programs between 1950 and the mid-1970s. A 1:50,000 scale series was started in 1950, early editions were planimetric only. Most sheets produced by the **Directorate of Overseas Surveys (DOS)** (now **Ordnance Survey International (OSI)**) showed relief with 50 ft contours, and after 1968 with 20 m intervals. This map was completed in 1969 in 316 sheets and the current specification uses the Transverse Mercator projection, modified Clarke 1880 ellipsoid, and conforms to the usual East African pattern. In 1994, and in conjunction with Japanese technical aid, a revision program started to generate new versions from SPOT satellite images. A block of about 50 maps covering the area immediately north of Lake Victoria was published by the end of 1997. Further revision of the series is to be carried out the French financed CAMPUS project, which started in 1996. This will revise other sheets in the series using digital image processed data from SPOT satellite images. It is also planned to establish a digital cadastral database of the country and provide land management administration with accurate and current large scale graphic and textual data.

A 1:250,000 scale series derived from the 1:50,000 map covered Uganda in 20 sheets. Other smaller scale maps include a recent 1:500,000 scale wall map of the country and 1:1,000,000 scale IMW coverage updated in 1997 with national park information. Administrative mapping of Uganda is also compiled and tourist mapping of national parks produced.

Soviet military topographic mapping of Uganda exists at the following scales: 1:1,000,000 (5 sheets, complete coverage, published 1958-1984); 1:500,000 (9 sheets, complete coverage, published 1962-1980); 1:200,000 (7 sheets, northern coverage, published 1979-1982); 1:100,000 (2 sheets, northern coverage, published in 1981) and a city (1:10,000) topographic map of Kampala published in 1981. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Geological/Scientific

The **Uganda Geological Survey Department** (now **Department of Geological Survey and Mines (UDGSM)**) carried out geological and other earth science mapping in the 1960s and 1970s. Series were published at 1:100,000 and 1:250,000 scales, using topographic sheet lines. The 1:250,000 scale series is available for most of the country as a Bouguer gravity edition, and for some areas as a geological map. 1:100,000 scale maps use half-degree sheet lines and give more patchy coverage. Other smaller scale maps show geology, geochemical and gravity data for the whole country.

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Soil

USMD has also coordinated thematic mapping carried out by other official agencies. 1:250,000 scale soil and vegetation maps were compiled in the 1960s and 1970s by the **Department of Agriculture**, and published as four-color data overprinted on topographic bases.

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Vegetation/Forestry

A more recent initiative funded through the United Nations Development Program and using Norwegian technical aid has led to the establishment of a pilot digital national land use and land cover inventory. This ARC/INFO-based system has been set up in the **Uganda Forest Department**, Kampala. Data has been captured from 1:50,000 scale topographic coverage and the results have been generalized and published in hard copy and as digital data, with 1:500,000 scale coverage produced in 1996 for the National Biomass Study. The third phase of this project is establishing a framework for monitoring land cover and biomass across the country.

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Cadaster

Large-scale coverage of Kampala and about 40 towns is also published including photogrammetric 1:2,500 scale mapping, used to derive 1:10,000 or 1:12,500 scale maps. A program of digital mapping funded through the World Bank and executed with German technical aid is updating these surveys for Kampala, which is covered in 324 1:2,500 scale photogrammetric digital topographic maps, some of which are linked to digital cadastral data. In 1995 the first three digital 1:10,000 scale maps from a projected coverage of 21 sheets for the city center were issued. The area of the extended city will be covered by a 1:25,000 scale digital map.

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Tourist/Reference

Small-scale tourist mapping of Uganda has recently been published by **Shell Uganda**, **International Travel Maps (ITM)** and **Macmillan**, who also issue administrative mapping and a town map of Kampala. Mapping of the Ruwenzori mountains is published by **West Col**. The country is also covered on maps described in our Africa, East section.

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