

Country Profile: Burkina Faso

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Togo Regional Series 1:200,000 Scale Topographic Maps	DCNC	1:200,000	1984	2
Burkina Faso 1:50,000 Scale Topographic Maps	IGB	1:50,000	1984 - 1998	68
Burkina Faso 1:200,000 Scale Topographic Maps (IGN)	IGN	1:200,000	1960 - 2004	34
Mali 1:500,000 Scale Topographic Maps (IGN)	IGN	1:500,000	1961 - 1962	9

Geoscientific

Series	Publisher	Scale	Years	Sheets
Benin 1:1,000,000 Scale Geological Map	BRGM	1:1,000,000	1960	1
Burkina Faso 1:1,000,000 Scale Geological Map (2003 Edition)	BRGM	1:1,000,000	2003	1
Mali 1:1,500,000 Scale Geological Maps	BRGM	1:1,500,000	1980	2
Burkina Faso 1:1,000,000 Scale Mineral Resources Map	BUMIGEB	1:1,000,000	2012	1
Burkina Faso 1:1,000,000 Scale Mining Concessions Map	BUMIGEB	1:1,000,000	2012	1
Cote d'Ivoire 1:1,000,000 Scale Geological Map	DG	1:1,000,000	1965	1
Burkina Faso 1:200,000 Scale Geological Maps	DGM	1:200,000	1967 - 1977	26
Burkina Faso 1:1,000,000 Scale Geological Map	DGM	1:1,000,000	1976	1
Cote d'Ivoire 1:2,000,000 Scale Geological Map	AOF	1:2,000,000	1953	1
Niger 1:100,000 Scale Geological Maps (Liptako Province)	DGMG	1:100,000	1998	16
Niger Maradi Region 1:200,000 Scale Geological Maps	DGMG	1:200,000		2
Niger 1:1,000,000 Scale Geological Maps	DGMG	1:1,000,000	1961	3
Niger 1:2,000,000 Scale Geological Maps	DGMG	1:2,000,000	1965	1
Togo 1:500,000 Scale Geological Map	DGMG	1:500,000	1986	1
Nigeria 1:3,000,000 Scale Geology and Mineral Deposits Map	FSN	1:3,000,000	1967	1
Ghana 1:1,000,000 Scale Geological Map	GGs	1:1,000,000	2009	1
Ghana 1:1,000,000 Scale Geology and Mineral Resources Map	MC	1:1,000,000	2002	1
Benin 1:200,000 Scale Geological Maps	OBEMINES	1:200,000	1972 - 1989	11
Cote d'Ivoire 1:500,000 Scale Mineral Resources Map	SODEMI	1:500,000	1974	4
Cote d'Ivoire 1:4,000,000 Scale Mineral Resources Map	SODEMI	1:4,000,000	1981	1

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 Burkina Faso 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
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	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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Topographic

Formerly a part of French West Africa, Upper Volta gained independence in 1960, and in 1984 changed its name to Burkina Faso (meaning roughly, the People’s Republic of Burkina). The country had previously been mapped by the French **Institut Géographique National (IGN)** and its predecessors. 1:200,000 scale mapping began as early as 1922. All the current sheets, however are based on post-1950 aerial photography and are in a regular four or five-color edition with 40 m contours. Projection is UTM, Clarke 1880 ellipsoid. Complete cover requires 34 of these one-degree sheets and all have been published. Some sheets have been revised by the **Institut Géographique du Burkina (IGB)**, Ouagadougou, which was established in 1976 to take over responsibility for national mapping. A 1:500,000 scale cover in nine sheets was completed by the French in 1959.

In 1979, a 1:50,000 series was in production. Some 328 sheets are required to cover the country, and progress has depended heavily on the availability of overseas aid. Initially a few sheets, including some around the capital, were published with French and with Dutch aid. A further 61 sheets were published by **IGB** in 1987-88. These cover the main river basins and were printed in the UK by the former **Clyde Surveys**. Further sheets are in the programme. The 1:50,000 scale sheets each cover an area of one-quarter degree latitude and longitude, and are in four colours with 10 m contours. Projection is UTM, Clarke 1880 ellipsoid. Larger scale mapping has been undertaken in a piecemeal way to meet the needs of urban development or specific rural development projects.

Soviet military topographic mapping of Burkina Faso is available at the following scales: 1:1,000,000 (4 sheets, complete coverage, published in 1986); 1:500,000 (10 sheets, complete coverage, published 1983-1985); 1:200,000 (54 sheets, complete coverage, published 1981-1985); and a city (1:10,000) topographic map of Ouagadougou published in 1976. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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GIS/Vector

In 1990 the government prepared a *Master Plan for Cartography* which defined a series of priorities for improving the country's geodetic network (using GPS), levelling network, completing the 1:50,000 scale map coverage and revising the 1:200,000 and 1:500,000 scale maps. Feasibility studies are also being carried out for the implementation of a cadastral system. A GIS has been established with World Bank aid, and is to be used for image processing, statistical work and thematic cartography, and a National Programme for Rural Land Development has been initiated.

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Geological/Scientific

Earth science mapping is the responsibility of the **Bureau des Mines et de la Géologie du Burkina (BUMIGEB)**. A 1:200,000 scale mapping program began in 1969 with the assistance of the French **Bureau de Recherches Géologiques et Minières (BRGM)** and of the Belgian **Musée Royale de l'Afrique Centrale (MRAC)**. A single sheet geological map was published in 1975.

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Imagery

A remote sensing unit, the **Centre Régional de Télédétection du Ouagadougou (CRTO)**, was established in 1977.

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Soil

A five-sheet soil map of the country was completed at 1:500,000 scale in 1969 by **Institut Français de Recherche Scientifique pour le Développement en Coopération (ORSTOM)**. There is also a five-sheet series by **ORSTOM** showing agronomic units derived from the soil map. Since 1975, soil mapping has been undertaken the **Bureau National des Sols**, Ouagadougou, which has produced various *ad hoc* local surveys at scales ranging between 1:2,000 and 1:500,000. These maps are printed as dye-lines. A plan for a 1:100,000 scale series was adopted by the government in 1990. There are also plans to introduce a digital mapping programme in cooperation with the **IGB**.

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Vegetation/Forestry

A 1995 map of vegetation and land use, based on LANDSAT MSS and Spot satellite imagery was prepared by the **Institut de la Carte Internationale Végétal (ICIV)**, Toulouse and the University of Ouagadougou. It is available in paper, digital raster and digital vector

GIS formats. It includes inset maps of phytogeography, agriculture, bioclimate, soil and geology. An earlier map of natural regions was prepared by the **Institut de Recherches Agronomiques Tropicales et des Cultures Vivrières (IRAT)**, based primarily on geological, physiographic and soil criteria. 1:500,000 scale maps of grazing potential for the north of Burkina and smaller scale maps on other agriculture-related topics are included in the report, *Burkina - Élevage et potentialités pastorales sahéliennes* prepared in 1987 by the French **Institut d'Élevage et de Médecine Vétérinaire des Pays Tropicaux (IEMVT)** with the Netherlands-based **Technical Centre for Agricultural and Rural Co-operation (CTA)**.

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Thematic

IGB has also published a number of thematic maps, including a linguistic map, a wall map for use in schools, an administrative map of the provinces and departments, and, in association with the **National Tourist Office**, tourist maps of Ouagadougou and Bobo Dioulasso. The latest general map of the country was published in 1994 in the **IGN** *Pays et villes du Monde* series. It includes small insert maps of administrative areas and of ethnic groups.

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Atlas

French publishing house **Editions du Jaguar** produced a small atlas of the country in 1975. The Geography Department of the University of Ouagadougou has been producing thematic maps for a new atlas which is to be printed by **Jaguar**.

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