

Country Profile: Niger

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Niger 1:50,000 Scale Topographic Maps	IGN	1:50,000	1964 - 1967	207
Niger 1:200,000 Scale Topographic Maps (IGN)	IGN	1:200,000	1959 - 1982	116

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
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
Cameroon 1:1,000,000 Scale Geological Maps	DMGC	1:1,000,000	1979	2
Niger 1:100,000 Scale Geological Maps (Aderdoutchi Province)	DGMG	1:100,000	1984 - 1994	26
Niger 1:100,000 Scale Geological Maps (Liptako Province)	DGMG	1:100,000	1998	16
Niger 1:200,000 Scale Geological Maps	DGMG	1:200,000	1955 - 1998	8
Niger Maradi Region 1:200,000 Scale Geological Maps	DGMG	1:200,000		2
Niger 1:500,000 Scale Geological Maps	DGMG	1:500,000	1959 - 1994	8
Niger 1:1,000,000 Scale Geological Maps	DGMG	1:1,000,000	1961 - 1963	3
Niger 1:2,000,000 Scale Geological Maps	DGMG	1:2,000,000	1965	1
Nigeria 1:3,000,000 Scale Geology and Mineral Deposits Map	FSN	1:3,000,000	1967	1
Nigeria 1:1,000,000 Scale Geological Maps by Zone	NGSA	1:1,000,000	2006	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 Niger 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 part of French West Africa, Niger became an independent republic in 1960. Topographic survey was undertaken by the French **Institut Géographique National (IGN)**, and its predecessors, and **IGN** mapping support continued after independence in cooperation with the **Service Topographique et du Cadastre**, Niamey. The responsible organization in Niger is now the **Institut Géographique National du Niger (IGNN)**.

The principal topographic series is at 1:200,000 scale, and this began as a provisional, planimetric map in 1922, but was progressively replaced after 1955 by a four-color *Carte régulière*, derived from 1950s air photography. The projection is UTM, Clarke 1880 ellipsoid, and contours are at 40 m intervals. There is a complete cover of the country in 119 one-degree sheets at this scale, although some sheets of the northern desert areas are still in a provisional format (*Fonds topographiques or planimétriques*). A new edition of some sheets has appeared since 1982.

A limited amount of 1:50,000 scale mapping has been completed, covering the southern areas close to the border, and a small area to the north of, including Agadez. Some sheets are photomaps, and recently a few SPOT image maps (*spatiocartes*) have been produced. A number of sheets in the east of the country form part of the cross-border Lake Chad Basin Commission series of photomaps produced by the British **Directorate of Overseas Surveys** (now **Ordnance Survey International (OSI)**). The **Japanese International Co-operation Agency (JICA)** provided aid in 1992-95 for the production of 36 1:50,000 scale sheets.

Some 1:500,000 scale mapping appeared between 1939 and 1968, but only 12 sheets were published.

Soviet military topographic mapping of Niger exists at the following scales: 1:1,000,000 (9 sheets, complete coverage, published 1979-1991); 1:500,000 (29 sheets, complete coverage, published 1977-1988); 1:200,000 (187 sheets, complete coverage, published

1979-1986) and a city (1:10,000) topographic map of Niamey published in 1976. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Geological/Scientific

Earth science mapping is the responsibility of the **Direction de Recherches Géologiques et Minières (DRGM)**, Niamey. Mapping was compiled in the 1960s and 1970s with assistance of the French **Bureau de Recherches Géologiques et Minières (BRGM)**, the German **Bundesanstalt für Geowissenschaften und Rohstoffe** and the **Canadian Geological Survey**. Reconnaissance series were published at scales of 1:500,000 and 1:200,000, but only partial cover of the country was achieved. In 1984, a number of 1:100,000 scale geological quadrangle sheets were issued for the regions of Liptako-Nord and Ader Doutchi. In the late 1990s, further mapping began in the west of the country within the framework of a cooperative project between France and Niger, *Prospection Minière dans le Liptako*. Maps are being created in ARC/INFO from digital data, and are published in scales of 1:200,000 and 1:100,000.

Small-scale earth science maps include a 1:1,000,000 scale mineral deposits map, and gravity maps produced by the French **ORSTOM**.

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Soil

Soil mapping and other environmental programs have been carried out by the French agency **Institut Français de Recherche Scientifique pour le Développement en Coopération (ORSTOM)**, which also maintains an office in Niamey (**ORSTOM Niamey**). A three-sheet, 1:500,000 scale reconnaissance soil map of the southern area was published in the 1960s. In 1992, **ORSTOM Niamey** completed an experimental classification of soil surface conditions for the degree-sheet incorporating Niamey using SPOT imagery.

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Vegetation/Forestry

A pastoral atlas of central Niger (*Élevage et potentialités pastorales sahéliennes*) was prepared by the University of Niamey with the aid of the **Technical Centre for Agricultural and Rural Co-operation (CTA)**, Wageningen, The Netherlands and the French **Département d'Élevage et de Médecine Vétérinaire (DEMVT)** and published in 1986. It has 29 atlas plates including an 8-sheet 1:500,000 scale map showing the potential for pastoral agriculture.

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Tourist/Reference

The best general map of the country was issued in 1993 by **IGN** and **IGNN** at 1:2,000,000 scale in the *Pays et villes du monde* series, and replaces an earlier 1:2,500,000 scale map. It includes an index, road distance chart and small inset maps of Niamey and administrative areas. City street maps include a 1:15,000 scale of Niamey published by **IGNN**, and one of Agadez published by the **Office National de Tourisme**. A contoured map of Niamey at 1:20,000 scale was published by **IGN** in 1978.

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