

Country Profile: Cuba

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Cuba 1:1,000,000 Scale Topographic Map	FCO	1:1,000,000		1
Cuba 1:50,000 Scale Topographic Maps (E723)	ICGC	1:50,000	1958 - 1968	4

Geoscientific

Series	Publisher	Scale	Years	Sheets
Cuba 1:250,000 Scale Geological Maps	IGP	1:250,000	1985	23

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

Year	Questions / Answers	ADM Level	Polygons at ADM	Data Points
2002	23 / 427	2	162	69,174
2012	50 / 464	2	158	75,168

Global Geography Library

Collection Name	Item Count	Published	Index Map / Title List
Cuba Nautical Charts (All Scales)	226	2010s-2024	title list
Cuba Topographic 100K (Soviet Military)	121	1976-1977	title list

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

Jump to: **Topographic** | **Geological/Scientific** | **Soil** | **Atlas** | **Tourist/Reference**

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Topographic

The **Instituto Cubano de Geodesia y Cartografía (ICGC)**, Havana, was founded in 1967 to be responsible for all geodetic, cartographic, remote sensing and cadastral activities in Cuba. During the 1970s, first, second and third order triangulation networks were completed. Basic mapping programs were initiated at scales of 1:10,000 and 1:25,000, completed in 1980. Series at scales of 1:50,000; 1:100,000; 1:250,000 and 1:500,000 have also been completed. Topographic mapping is on a Lambert conformal conic projection, Clarke 1866 ellipsoid.

Recently, **ICGC** was merged with the **Instituto Cubano de Hidrografía** to form the **Grupo Empresarial GEOCUBA (GEOCUBA)**. This organization has taken responsibility for the national cartographic system, including the 1:25,000 scale topographic map, the 1:10,000 scale rural cadastre, and some 136 nautical charts of home waters and 68 regional charts of other parts of the world.

In 1989 the Council of Ministers created a National Commission for Geographical Names, and a gazetteer was in preparation for publication in 1994, but no further information has been obtained about this.

Soviet military topographic mapping of Cuba is available at the following scales: 1:1,000,000 (5 sheets, complete coverage, published in 1963); 1:500,000 (12 sheets, complete coverage, published 1983-1987); 1:200,000 (40 sheets, complete coverage, published in 1980-1983) and 1:100,000 (121 sheets, complete coverage, published 1976-1977). These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

Back to top

Geological/Scientific

Earth science mapping is now the responsibility of the **Centro de Investigaciones Geológicas (CIG)**, but most post-Revolution earth science mapping was undertaken by the **Instituto de Geología y Paleontología (IGP)** of the Cuban Academy of Sciences in collaboration with scientists from the former USSR and Eastern Europe. From 1972 to 1981, a 1:250,000 scale geological map was prepared, and this was published in 1989 in 40 sheets. A five-sheet geological map at 1:500,000 scale was published in 1985, maps of

metalliferous and non-metalliferous mineral deposits in 1988 and a tectonic map in 1989.

A series of 1:250,000 scale karst maps (*Mapa carsológico de Cuba*) was begun in 1986 with cooperation from Czechoslovakia.

[Back to top](#)

Soil

Soil mapping was carried out by the **Instituto de Suelos y Agroquímica** of the Cuban Academy of Sciences in the period 1964-68. A set of 19 colored 1:250,000 scale sheets distinguishing 14 principal soil types was published in 1971. A separate explanation by A. Hernandez *et al.* was published to accompany the map, and a further report, *Classificación genética de los suelos de Cuba*, appeared in 1975.

[Back to top](#)

Atlas

The original *Atlas national de Cuba*, published in 1970 in both Spanish and Russian editions, was prepared by the **Cuban Academy of Sciences** in collaboration with the **Academy of Sciences** of the USSR. In 1985, work began on a new national atlas, *Nuevo atlas national de Cuba*. Numerous Cuban organizations contributed to this sumptuous volume, and cartographic work was undertaken by the Department of Cartographic Modelling and GIS in the **Instituto de Geografía Tropical (IGT)**. The new atlas was published in 1989 with the help of the **Instituto de Geografía Nacional de España (IGNE)**, and supersedes the earlier volume. Data from this atlas are now incorporated in a Cuban GIS, and are being updated and used for other educational products. There is also a planned series of regional atlases, one for each Cuban state, but only that of Camaguey has so far been published, in 1991.

[Back to top](#)

Tourist/Reference

Many single-sheet tourist maps have been published in recent years by overseas publishers, reflecting the growing tourist industry. These include maps by **International Travel Maps (ITM)**, **Cartographia**, **Freytag Berndt (FB)**, **Institut Géographique National (IGN)** and **Karto+Grafik (K+G)**.

[Back to top](#)

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