Country Profile: Dominican Republic

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Dominican Republic 1:50,000 Scale Topographic Maps (DMA E733)	DMA	1:50,000	1968 – 2004	121

Geoscientific

Series	Publisher	Scale	Years	Sheets
Dominican Republic 1:100,000 Scale Geological Map	SGN	1:100,000	1988 – 2010	37

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
2010	60 / 756	5	12,565	9,499,140

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

Instituto Cartográfico Militar was established in Santo Domingo in 1955, and this was combined in 1960 with the **Comisión de Limites Geográficos Nationales** and placed under the authority of the University of Santo Domingo to form the **Instituto Cartográfico Universitario**. This was subsequently renamed the **Instituto Geográfico Universitario (IGU)**. The **Inter-American Geodetic Survey** was active in the Dominican Republic from 1946, when it helped to establish a survey control network for topographic mapping, and subsequently a topographic series was prepared jointly by the US **Army Map Service** (later, **Defense Mapping Agency (DMA)** and now **National Imagery and Mapping Agency (NIMA)**) and the **IGU**.

The principal topographic series is the 1:50,000 scale joint **DMA/IGU** series, issued between 1962 and 1968 in 123 sheets. This is a five-color map with 20 m contours and the projection is UTM, Clarke 1866 ellipsoid. There is also a 1:250,000 scale series in five sheets based on the JOG 1501 specification, entitled *Mapa topográfico general*, and prepared by the United States **Army Topographic Command** in cooperation with **IGU** in 1970. Contours are at 100 m intervals with supplementary contours at 20 m. There is also a series of city maps at scales of 1:50,000 or 1:10,000.

Map production at the **IGU** had been moribund for many years, and in 1986 a new agency, the **Instituto Cartográfico Militar (ICM)** was established in association with the Hydrographic Department to reactivate the mapping programs. Its main task is to update the 1:50,000 topographic series described above, and a number of new sheets were published with the help of the **DMA**. Also in the program is the revision of city plans, and a new 1:10,000 scale plan of Santo Domingo was due to be published in 1997, with plans of La Romana and Puerto Plata to follow. Some new hydrographic charts of the coastal waters are also in the program. In 1997, the **Institut Cartogràfic de Catalunya**, Barcelona, and **SPOT Image**, Toulouse, began a project to produce orthorectified SPOT images of the whole country at 1:50,000 and 1:100,000 scales, radar imagery at 1:250,000 scale, and 12 sheets of orthorectified multispectral imagery in color corresponding with standard topographic 1:50,000 scale sheet lines.

Soviet military topographic mapping of the Dominican Republic is available at the following scales: 1:1,000,000 (3 sheets, complete coverage, published in 1966-1991); 1:500,000 (5 sheets, complete coverage, published 1979-1984); 1:200,000 (13 sheets, complete coverage, published in 1983) and a city (1:25,000) topographic map of Santo Domingo published in 1982. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Geological/Scientific

Geological mapping is the responsibility of the **Dirección General de Minería (DGM)**.

A 1:500,000 *Mapa geológico* was produced in 1956 and printed as a dye-line, and a 1:350,000 scale geological atlas appeared in 1969. Recent mapping collaboration has been with the German **Bundesanstalt für Geowissenschaften und Rohstoffe (BfGR)**, Hannover. A new 1:250,000 scale map was published in 1991, and a 1:100,000 scale sheet of San Juan and the western part of the country appeared in 1988. Further sheets at this scale are in preparation with Spanish assistance.

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Thematic

A number of resource maps at scales of 1:250,000 and 1:500,000 were published in the 1960s by the **Organization of American States (OAS)**. Themes covered included: climate, ecology, soil associations, land cover, productive capacity, geology and transport. Some further resource mapping of the northeast was published in 1977 by the **OAS** (*Desarrollo regional de la Linea Norsoeste*). The **Departamento de Inventarios de Recursos Naturales (DIRENA)** undertook some soil and land use mapping during the 1980s, and recently a GIS facility has been established, and some of the 1:50,000 scale maps have been digitized.

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Cadaster

The **Catastro Nacional** has prepared cadastral maps of cities.

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Tourist/Reference

There are several good single-sheet general and tourist maps of the country. **Mapas Gaar**, Santa Domingo, is active in the production of tourist maps and also offers an extensive list of diazo city maps, and a complete set of provincial maps. **Triunfo** has a small scale road map of the country, with several city street maps, including a large indexed 1:24,000 scale map of Santa Domingo on the reverse. Maps from overseas publishers include those of **Nelles** (map of Hispaniola), **International Travel Maps (ITM)**, and **Berndtson &Berndtson (B&B)**. A small folded road map is produced by **Cartographers Ltd**.

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