Country Profile: Paraguay

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Paraguay 1:100,000 Scale Topographic Maps (DMA H642)	DMA	1:100,000	1973 – 2005	110
Paraguay 1:250,000 Scale Topographic Maps	DSGM	1:250,000	1982 – 2004	27
Paraguay 1:50,000 Scale Topographic Maps	IGMP	1:50,000	1968 – 2009	529

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
1992	46 / 688	6	51,085	35,146,480
2002	82 / 782	6	56,241	43,980,462
2022	36 / 92	3	264	363,980

Global Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	VTU GSh	Varies	1944 – 2003	3,026
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

The official mapping agency for Paraguay is the **Dirección del Servicio Geográfico Militar (DSGM)** (formerly **Instituto Geográfico Militar**), Asunción, founded in 1941. **DSGM** is responsible for the surveying and mapping of Paraguay and for geographical information. It supervises both topographic and thematic maps of the country.

Detailed topographic mapping is of comparatively recent origin. A 1:100,000 scale photomap series of the south of the country was prepared by the United States **Army Map Service** in the 1960s, but the principal current Series H741 is at 1:50,000 scale, and was begun in association with the **IAGS**. This now covers more than 80 percent of the country. Sheets are in five colors with 10 m interval contours, and the projection is Transverse Mercator, International spheroid. There is also a cover of the southern two-thirds of the country in the 1:250,000 Series H501/H541. This series is on UTM projection, International spheroid, and is also in five colors, but with contour interval varying from 10 m to 50 m according to relief. The earliest sheets date from 1978, but some were issued under the **PAIGH** program in the early 1990s.

There is also a series of topographic maps designed to cover each of the 19 departments, and produced with assistance from Argentina. Ten or more of these have so far been published; they vary in scale and contour interval.

DSGM also publishes some small-scale general maps of the country, which are frequently revised, including a tourist map of Asunción at 1:25,000 scale and a 1:10,000 map of the greater Asunción area in 13 sheets.

A series of maps of other cities, *Mapa de ciudades Paraguay*, has been in progress since about 1966 (Series H941). The scale is mostly 1:10,000 with contours at 10 m intervals. The projection is Transverse Mercator, International spheroid.

Soviet military topographic mapping of Paraguay is available at the following scales: 1:1,000,000 (6 sheets, complete coverage, published 1978-1990) and a city (1:10,000) topographic map of Asunción published in 1981. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Thematic

There is a dearth of large-scale thematic mapping of Paraguay. A 1:50,000 scale geological program was started in the early 1960s, but was soon discontinued. There are, however, a number of small-scale earth science maps, including geological and hydrogeological maps published in 1986, and a metallogenic minerals map reprinted in 1990.

In 1975, several 1:500,000 scale resource maps were published covering the *Region nororiental del Paraguay*. The survey was sponsored by the Organization of American States, and the map themes included geology, soils, vegetation, soil capability and population. A new set of thematic maps on soil, land use and land development was published in 1995 also at 1:500,000 scale but covering the Region oriental. They are in colour and are a result of the *Projecto de Racionalizacion del Uso de la Tierra*, funded by the World Bank, Japan and the American **Defense Mapping Agency** (now **National Imagery and Mapping Agency (NIMA)**), as well as the Paraguay government. They are on a Transverse Mercator projection, WGS84 datum. They are published by the **Ministerio de Agricultura y Ganadería (MAG)**.

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Cadaster

Cadastral mapping is the responsibility of the **Servicio Nacional de Catastro**, while large scale cadastral mapping of Asunción is issued by the **Oficina de Desarrollo Urbana (ODU)**, Asunción. Larger scale planimetric maps of the city were produced with Japanese and Brazilian aid in the 1980s.

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