

Country Profile: Myanmar (Burma)

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Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
EVGMap50-Myanmar 1:50,000 Scale Topographic Maps	EVG	1:50,000	2014	1,148
Myanmar 1:63,360 Topographic Maps	SI	1:63,360	1901 - 1946	194

Geoscientific

Series	Publisher	Scale	Years	Sheets
China 1:2,500,000 Scale Geological Map (6 sheets)	GPH	1:2,500,000	2005	1
China 1:2,500,000 Scale Quaternary Geological Map (9 sheets)	GPH	1:2,500,000	1990	1
China 1:4,000,000 Scale Geological Map (2 sheets)	GPH	1:4,000,000	1977	1
China 1:5,000,000 Scale Metallic Resources Map	GPH	1:5,000,000	1992	1
China 1:5,000,000 Scale Mineral Resources Map	GPH	1:5,000,000	1992	1
China 1:5,000,000 Scale Nonmetallic Resources Map	GPH	1:5,000,000	1992	1
Thailand (Northern) 1:250,000 Scale Geological Maps	FIGNR	1:250,000	1976 - 1981	7
Indonesia Horizon Geoconsulting Wireline Logs	HG	Varies	2023	3

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
2014	27 / 380	3	330	125,400

Global Geography Library

Collection Name	Item Count	Published	Index Map / Title List
Myanmar Topographic 50K (EV Map)	1,148	2014	index map / 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
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NGA Nautical Charts POD Certified (All Scales)	NGA	Varies	1943 – 2013	4,517
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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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Country Profile (PDF)

Topographic

The national mapping agency of Myanmar (until 1989 Burma) is the **Myanmar Survey Department (MSD)** in Yangon. Mapping systems were established by the **Survey of India** between 1905 and 1944, with complete coverage at 1:126,720 and 1:253,440 scales, and one-inch coverage for 85 percent of Burma, excluding the mountainous north west regions. Since 1959 the one-inch map has gradually been converted into a 1:50,000 series, using the same Lambert conical conformal projection, Everest ellipsoid, and quarter degree sheet lines, but mapping progress has been at best sporadic since the late 1950s. By 1996 this map had been published for about 50 percent of the country: coverage is best in the central regions between Yangon and Mandalay. English place names have been converted into Myanmar equivalents following **United Nations Development Program** aid. Twenty-eight 1:250,000 scale maps were derived from the completed metric mapping. A new 1:25,000 scale series was completed for the Irrawaddy delta, and 1:5,000 and 1:10,000 scale maps of development areas have also been compiled, including 1:10,000 scale coverage of Yangon in 12 sheets, revised to 1995. Smaller scale series have also been compiled and the **Myanmar Survey Department** is also responsible for aeronautical charting of the country.

Soviet military topographic mapping of Myanmar (Burma) exists at the following scales: 1:1,000,000 (10 sheets, complete coverage, published 1959-1973); 1:500,000 (28 sheets, complete coverage, published 1959-1987); 1:200,000 (136 sheets, complete coverage, published 1953-1987); 1:100,000 (331 sheets, eastern country coverage, published 1954-1989) and city (1:10,000 to 1:25,000) topographic mapping of Mandalay, Moulmein (Mawlamyine) and Yangon (Rangoon) published between 1977 and 1980. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Nautical

Hydrographic charting is carried out by the **Naval Hydrographic Office** established in 1957.

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Geological/Scientific

Earth science mapping of Myanmar is the responsibility of the **Department of Geological Survey and Exploration (DGSE)**. The **British Geological Survey (BGS)** carried out some earth science mapping of the northern Shan states in the late 1970s, at scales of 1:100,000 and 1:125,000.

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Vegetation/Forestry

The most significant recent mapping advances in Myanmar have been in the field of resources mapping. The **Department of Forestry** received **United Nations Development Program** aid to establish a national forest survey between 1981 and 1993, which led to the compilation of about 100 1:50,000 scale forest land use maps, derived from interpretation of LANDSAT TM imagery. A more extensive program of forest resources mapping was also started, with 319 of 650 1:50,000 scale sheets completed. These results were generalized into the publication in 1991 of a 1:1,000,000 scale general forest map of the country. By 1996 a well-founded GIS laboratory was in place, and Japanese aid led to the establishment of digital 1:250,000 land cover mapping of the central parts of the country, derived from LANDSAT TM data.

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Cadaster

Cadastral mapping of Myanmar (Burma) is the responsibility of the **Settlement and Land Records Department** in the **Ministry of Agriculture**. 75,000 sheets are maintained, at 16-inch scale for rural areas, and 64-inch for urban properties. Many of these maps were very outdated by 1996, but a project started in the mid-1990s to capture records for Yangon in a MapInfo-based land information system.

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Tourist/Reference

A useful small-scale general map of the country was published in 1990 by the American **Central Intelligence Agency (CIA)**, and tourist mapping of Myanmar is also published by **Myanmar Travels and Tours (MTT)**, the official tourist agency, including city maps of Yangon and Mandalay and a general map of Myanmar. Commercially published tourist mapping is available in the *Globetrotter* series from **New Holland**, from **Nelles Verlag** and from **Berndtson & Berndtson (B&B)**.

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