Country Profile: Turkmenistan

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
VMAP0 1:1,000,000 Scale Vector Data	NIMA	1:1,000,000	1992	4

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

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 Bhutan census resources.

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

Jump to: **Topographic | Geological/Scientific | Thematic | Tourist/Reference**

Country Profile (PDF)

Topographic

Mapping in Turkmenistan still follows patterns established in the Soviet era. The 1942 specification is used for topographic series, with maps published on the Gauss conformal transverse cylindrical projection, Krassovsky ellipsoid.

Soviet military topographic mapping of Turkmenistan is available at the following scales: 1:1,000,000 (8 sheets, complete coverage, published 1982-1990); 1:500,000 (24 sheets, complete coverage, published 1974-1992); 1:200,000 (109 sheets, complete coverage, published 1980-1992); 1:100,000 (369 sheets, complete coverage, published 1966-1990); 1:50,000 (1,057 sheets, primarily southern, border and coastal country coverage, published 1958-1992) and city (1:10,000 to 1:25,000) topographic mapping of 12 major cities from Ashkhabad (Ashgabat) to Tedzhen (Tejen) published between 1965 and 1987. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

Following independence the **Turkmen Map Production Enterprise** (**Turkmengeodezija**) in Ashkhabad now acts as the national mapping agency. In 1993 **Turkmengeodezija** issued two-sheet general maps of the country on a topographic base and available in either English or Russian versions. A Russian town map of the capital was published in the 1980s by **Glavnoe Upravlenie Geodezii Kartografii** (**GUGK**), now **Federal'naya Sluzhba Geodezii i Kartografii Rossii** (**Roskartografija**).

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Geological/Scientific

Earth science mapping of Turkmenistan was produced by Russian agencies, notably **Vserossiiskoi nauchno-issledovatel'skii geologicheskii Institut** (**VSEGEI**) in St. Petersburg, in conjunction with branches of the **Turkmen Academy of Sciences**. The country was mapped in Russian 1:200,000 and 1:1,000,000 programs, and a single-sheet geological map was compiled at 1:1,500,000 scale for the Republic in the late 1960s and published in 1970. A 16-sheet 1:500,000 scale geological map of Turkmenistan was published in 1989.

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Thematic

The **Soviet Academy of Sciences** (now **Rossiskaja Akademija Nauk** (**RAN**)) sponsored various thematic maps of Turkmenistan, including a national atlas of the Republic published in 1983, and following independence the **Turkmen Academy of Sciences** in Ashkhabad has assumed these responsibilities. Notable thematic mapping of Turkmenistan was carried out by the **Academy of Sciences Desert Institute**, including the compilation of the *Scientific information atlas of Turkmenistan*. The **State Committee on Land Planning** has compiled land use mapping of the country.

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Tourist/Reference

Since independence, western agencies have not yet published any commercial mapping of Turkmenistan.

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