

## Country Profile: Yemen

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### Country Resources

#### Topographic

Series	Publisher	Scale	Years	Sheets
Yemen 1:100,000 Scale Topographic Maps (PDRY)	Military Survey Department (People's Democratic Republic of Yemen)	1:100,000	1978 - 1978	162
Yemen 1:200,000 Scale Topographic Maps (PDRY)	Military Survey Department (People's Democratic Republic of Yemen)	1:200,000	1984 - 1984	64
Yemen 1:500,000 Scale Topographic Maps (PDRY)	Military Survey Department (People's Democratic Republic of Yemen)	1:500,000	1984 - 1984	13
Yemen 1:1,000,000 Scale Topographic Maps (PDRY)	Military Survey Department (People's Democratic Republic of Yemen)	1:1,000,000	1984 - 1984	4
Yemen 1:50,000 Scale Topographic Maps (YAR 50(E))	Ordnance Survey International (United Kingdom)	1:50,000	1979 - 1998	171

#### Geoscientific

Series	Publisher	Scale	Years	Sheets
Oman 1:1,000,000 Scale Geological Maps	Directorate General of Minerals	1:1,000,000	1993 - 1993	1
Ethiopia 1:2,000,000 Scale Geological Map	Geological Survey of Ethiopia	1:2,000,000	1996 - 1996	1
Yemen 1:250,000 Scale Geological Maps	Ministry of Oil and Minerals (Yemen)	1:250,000	1991 - 1991	8

#### 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 Yemen census resources.

### Global Resources

#### Topographic

Series	Publisher	Scale	Years	Sheets
Soviet Military City Plans	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	Varies	1944 - 2003	3017
Soviet Military 1:100,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:100,000	1947 - 1999	24897
Soviet Military 1:200,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:200,000	1949 - 2009	17799
Soviet Military 1:500,000 Scale Topographic Maps	Voенно-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:500,000	1953 - 1998	3093

## Nautical

Series	Publisher	Scale	Years	Sheets
NGA Nautical Charts POD Certified (All Scales)	National Geospatial-Intelligence Agency	Varies	1943 - 2013	4517

## Aeronautical

Series	Publisher	Scale	Years	Sheets
Joint Operations Graphic (JOG) 1:250,000 - Aeronautical	Defence Mapping Agency	1:250,000	1958 - 2007	4204
Tactical Pilotage Chart (TPC) 1:500,000 Scale - Aeronautical	Defence Mapping Agency	1:500,000	1967 - 2006	598
Operational Navigation Chart (ONC) 1:1,000,000 Scale - Aeronautical	Defence Mapping Agency	1:1,000,000	1969 - 2001	243
Jet Navigation Chart (JNC) 1:2,000,000 Scale - Aeronautical	Defence Mapping Agency	1:2,000,000	1971 - 1999	117
Global Navigation and Planning Chart (GNC) 1:5,000,000 Scale - Aeronautical	Defence Mapping Agency	1:5,000,000	1981 - 1999	27

## Geoscientific

Series	Publisher	Scale	Years	Sheets
Soviet Military 1:1,000,000 Scale Topographic Maps	Voenno-topograficheskoe upravlenie General'nogo shtaba (Soviet Union)	1:1,000,000	1948 - 1994	1089

**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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### Topographic

Yemen comprises the former Yemen Arab Republic (YAR) and its southern neighbour the People's Democratic Republic of Yemen, as well as the island of Socotra, which merged to form Yemen in May 1990. The national mapping agency of the new state is the former national agency of the YAR, the **Survey Authority (YSA)** in Sana'a, but mapping systems of the two parts of the new nation continue to reflect different histories.

**YSA** was set up with Swiss aid and became an autonomous organization in 1982 when it moved to new headquarters. British aid programs established the first modern photogrammetric mapping in the former YAR. A 1:50,000 scale map was started by the **Directorate of Overseas Surveys (DOS)** (now **Ordnance Survey International (OSI)**) and **YSA** in the southwest of the country and later extended to provide basic scale mapping of most of the YAR in 171 sheets. The first sheets were published in 1979, and parallel English and Arabic language versions of this map were issued, as the series came to be extended to most of the country. This map is on the UTM projection, WGS 1972 ellipsoid, and shows relief with 20 m contours. Derived 1:100,000 scale coverage was also issued for some areas. Unmapped desert areas of the YAR were covered by **OSI** at 1:100,000 scale in a bilingual map early in the 1990s. This mapping was derived from SPOT satellite imagery, shows relief with 40 m contours (20 m in flatter areas) and depicts place names collected in the field. An eight-sheet 1:250,000 map was also produced, with relief shown by hypsometric tints and 100 m contours.

South Yemen was also mapped by British authorities, but surveys were carried out prior to independence, and maps were compiled by the British **Directorate of Military Survey**. Parts of the British Protectorate of Aden were covered in a 1:100,000 scale photomap series on the UTM projection, Clarke 1800 ellipsoid. Socotra was mapped in the 1970s by the British **Royal Geographical Society (RGS)** in a 1:125,000 scale topographic map with relief at 100 m intervals.

Soviet military topographic mapping is the best available coverage of Yemen, it exists at the following scales: 1:1,000,000 (8 sheets, complete coverage, published 1980-1983); 1:500,000 (18 sheets, complete coverage, published 1979-1981); 1:200,000 (91 sheets,

complete coverage, published 1978-1980); 1:100,000 (244 sheets, complete coverage, published 1978-1986) and city (1:10,000 to 1:25,000) topographic mapping of Aden and Sana'a published between 1975 and 1978. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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## Geological/Scientific

Recent earth science mapping has been carried out in a joint program between the German **Bundesanstalt für Geowissenschaften und Rohstoffe (BfGR)** and the Yemani **Ministry of Oil and Mineral Resources (MOMR)**. 1:250,000 scale full-color geological mapping of the whole new nation was completed in 1996 in eight sheets and published with an accompanying explanatory text. **Vserossiiskoi nauchno-issle-dovatel'skii geologicheskii Institut (VSEGEI)**, St. Petersburg, published mineral resource mapping of Yemen in 1994, at 1:1,000,000 scale covering the whole country in two English and Russian language sheets, as well as 1:500,000 scale eight-sheet Arabic and Russian language groundwater resources and hydrogeological mapping issued in 1996.

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## Thematic

A limited amount of environmental mapping has been compiled. The World Bank funded a program of 1:50,000 scale mapping of wooded areas of the country, carried out in the early 1990s by the **Ministry of Agriculture and Water Resources** in Sana'a. The British **Natural Resources Institute (NRI)** compiled a number of themes for the Wadi Rima area, and thematic mapping of the country has also been published in volumes by the **Deutsch-Jemenitische Gesellschaft (DJG)**. Thematic mapping was also produced in association with Swiss agencies in the 1970s. Other coverage of Yemen appears in sheets in the *Tübinger Atlas des Vorderen Orients (TAVO)*.

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## Cadaster

Plans to compile new 1:10,000 scale urban mapping of 18 cities in Yemen were announced in 1993 by the **Ministry of Housing and Urban Planning**.

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## Tourist/Reference

Among commercially published mapping of Yemen are maps from **Berndtson and Berndtson (B&B)**, **Peter Whitfield** and **Freytag Berndt**.

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