Country Profile: Kuwait

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Kuwait 1:50,000 Scale Topographic Maps (K7611)	DGMS	1:50,000	1990	15

Geoscientific

Series	Publisher	Scale	Years	Sheets
Iraq (and western Iran) 1:1,000,000 Scale Geological Map	RR	1:1,000,000	1987	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 Kuwait 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.

Shop all products in Global Explorer

Historical Country Mapping Information

Jump to: **Topographic | GIS/Vector | Geological/Scientific | Thematic**

Country Profile (PDF)

Topographic

The national mapping agency in Kuwait is the **Survey Department**, which grew from a surveying unit established in the Public Works department in 1951. **Hunting Surveys** carried out topographic and geological surveying in Kuwait and helped in the establishment of geodetic control in the 1960 and 1970s, and the map base was intensified in projects carried out by the Japanese **Asia Air Survey Company** from 1977. Line mapping was compiled at 1:25,000, 1:50,000 and 1:100,000 scales, and an orthophoto map at 1:10,000 covered the whole of Kuwait in 688 sheets. The settled areas of Kuwait were compiled at 1:2,000, with a 1:500 scale map published for the more important built-up areas. All these maps were revised on a regular basis, and captured from aerial coverage. All used the UTM grid. From 1983 the 1:500 map was captured as digital data in the KUDAMS project, and an integrated cadastral, topographic and utilities mapping system using the Kuwait Transverse Mercator grid was completed prior to the Gulf War and held in an Intergraph system.

British military mapping published after the war at 1:50,000 scale in series (K7611) gives complete coverage of Kuwait in 33 sheets. This series uses the UTM projection, WGS 84 ellipsoid and shows relief with 5 m contours.

Soviet military topographic mapping of Kuwait is available at the following scales: 1:1,000,000 (2 sheets, complete coverage, published 1976-1985); 1:500,000 (4 sheets, complete coverage, published 1975-1981); 1:200,000 (10 sheets, complete coverage, published 1978-1990); 1:100,000 (22 sheets, complete coverage, published 1975-1976) and city (1:10,000) topographic mapping of Kuwait City and Mina-Al-Ahmadi (Ahmadi) published between 1976 and 1979. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

Back to top

GIS/Vector

After the war the Kuwait Municipality started work on the *Third Kuwait master plan* incorporating national data, a metropolitan area structure plan, and a more detailed local plan of Kuwait Town in a GIS framework, with a parcel-based approach to land management. Data is held by the **Survey Department** in ARC/INFO. Satellite data form a detailed pictorial backdrop, KUDAM utility and topographic data were converted from **Intergraph** format and simplified. These may be superimposed upon the image layer, and registered to the Kuwait Transverse Mercator grid. Current land use data has also been created by the municipality from imagery, and zoning information may also be overlaid. All structured data is to be used for the creation of customized map output for a very wide variety of applications, with map production direct from the GIS.

Back to top

Geological/Scientific

Kuwait is covered in 1:50,000, 1:100,000 and 1:250,000 scale geological mapping prepared in 1981 by **Hunting Geology and Geophysics** for the **Kuwait Oil Company** (now **Kuwait National Petroleum Company**). These maps were derived from LANDSAT imagery. Geological coverage of Kuwait compiled by the Austrian **Geologische Bundesanstalt (GBA)** and published at 1:250 000 scale, remains the best available earth science mapping of the country.

Back to top

Thematic

The **Kuwait Institute for Scientific Research (KISR)** has established an environmental GIS for Kuwait. Data from topographic, geomorphological, soil, administrative environmental sensitivity, and bathymetric mapping, are merged and linked to tabular data in an ARC/INFO-based system.

Kuwait is mapped on single-sheet coverage revised after the Gulf War and published in the **GEOprojects** *Arab World map* series.

Back to top

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