Country Profile: Sierra Leone

Country Profile (PDF)

Country Resources

Topographic

Series	Publisher	Scale	Years	Sheets
Sierra Leone 1:100,000 Scale Topographic Maps (DMA G642M)	DMA	1:100,000	2014	3
Sierra Leone 1:50,000 Scale Topographic Maps (G742 / DOS 419)	DOS	1:50,000	1963 – 1973	111

Geoscientific

Series	Publisher	Scale	Years	Sheets
Mali 1:1,500,000 Scale Geological Maps	BRGM	1:1,500,000	1980	2
Sierra Leone DOS Series 1:250,000 Scale Geological Maps	DOS	1:250,000	1979	2
Sierra Leone 1:1,000,000 Scale Geological Map	DSL	1:1,000,000	1948	1
Liberia 1:1,000,000 Scale Geological Maps	LGS	1:1,000,000	1983	1
Guinea 1:500,000 Scale Geological Maps	MMGE	1:500,000	1999 – 2004	2
Liberia 1:250,000 Scale Geological Maps	USGS	1:250,000	1977	2

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 Sierra Leone census resources.

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
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	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 (Pushed-to-Shop)	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

Sierra Leone was well mapped under British aid projects carried out in the 1960s and 1970s, but almost no mapping progress has been achieved in the last 25 years. Topographic mapping of the country was carried out by the British **Directorate of Overseas Surveys** (**DOS**) (now **Ordnance Survey International** (**OSI**)). A 1:50,000 scale map was compiled using photogrammetric techniques and sheets were published to cover quarter-degree quadrangles, with 13 nonstandard sheets for some border or coastal areas. This map was on a Transverse Mercator projection, modified Clarke 1880 ellipsoid, and second edition sheets were published by 1973 as five-color maps showing relief with 50 ft contours, to give complete coverage of Sierra Leone in 111 sheets. A derived map at 1:250,000 scale covered the country in four sheets and **DOS** also issued a single sheet 1:500,000 scale map, last published in its eighth edition in 1976. Larger scale **DOS** mapping included 1:2,500 scale township plans, most published as two-color photogrammetric plots, and a 1:10,000 scale series (DOS 219) covering the Freetown peninsula.

Current responsibility for mapping falls to the **Directorate of Surveys and Lands** (**DSL**) in the Department of Lands, Housing and the Environment. It participated in the DOS mapping programs and was originally established in 1925. **DSL** continues to use the **DOS** base mapping, though almost no revision has taken place.

Soviet military topographic mapping of Sierra Leone exists at the following scales: 1:1,000,000 (4 sheets, complete coverage, published in 1986); 1:500,000 (4 sheets, complete coverage, published in 1985); 1:200,000 (17 sheets, complete coverage, published in 1985) and a city (scales differ) map of Freetown published in 1984. These products are available in print, digital raster and digital vector GIS formats from **East View Geospatial**.

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Nautical

Coastal waters are mapped on Admiralty charts compiled by the British **Hydrographic Office** (**HO**).

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Geological/Scientific

Geological mapping of Sierra Leone has been carried out by the **Geological Survey Division**, also under British aid projects in the 1960s. Maps included 1:1,000,000 and 1:250,000 coverage, and some local 1:50,000 sheets.

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Soil

Full-color soil and resources mapping was carried out at large scales for some of the country during the years of British involvement by the British **Land Resources Development Centre** (**LRDC**), (now Natural Resources Institute (**NRI**)).

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Vegetation/Forestry

The **Land and Water Development Division** of the Department of Agriculture produced monochrome vegetation, land use, land systems and land suitability mapping in the 1980s, using 1:500,000 and 1:1,000,000 topographic bases.

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Cadaster

1:1,250 scale cadastral mapping was carried out by **DSL** in the 1970s for major district headquarters.

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Tourist/Reference

The only available recent mapping is a road map of the country published by **Shell Sierra Leone Ltd** in 1988 and a tourist map from **International Travel Maps** (**ITM**) , Vancouver.

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Visit https://geospatial.com/country_profiles/sierra-leone/ for more information or to place an order.