

# Geography

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[Jump to navigation](#) [Jump to search](#)

[Africa Groundwater Atlas](#) >> [Additional resources](#) >> [Supporting environmental information](#) >>

Country boundaries and land surface elevation

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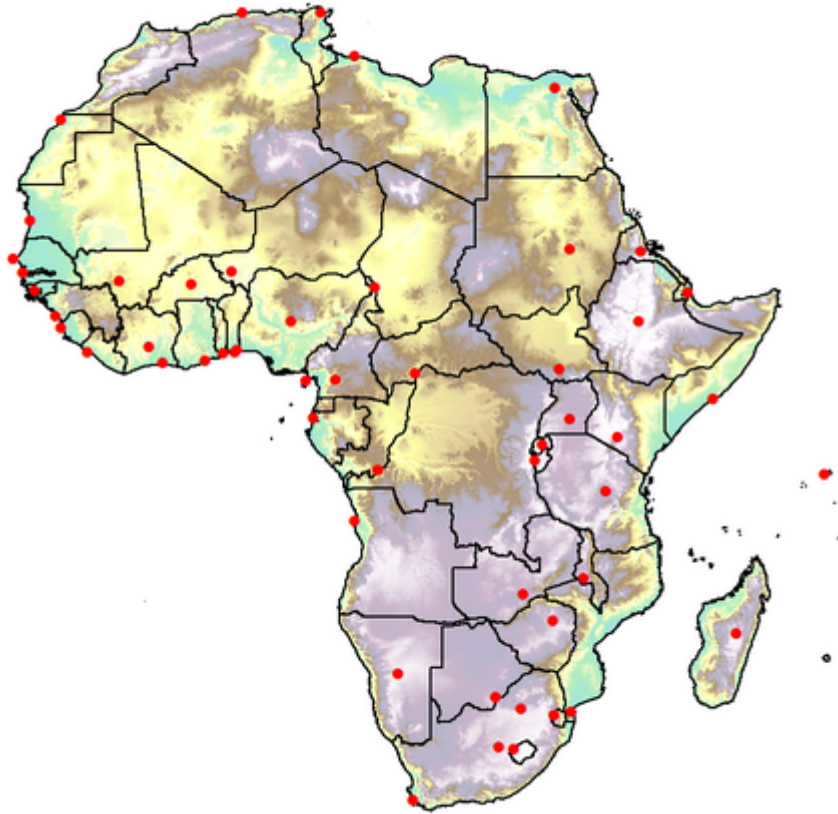
## Contents

- [1 Country boundaries and land surface elevation maps](#)
- [2 Data sources](#)
  - [2.1 USGS GTOPO30](#)
  - [2.2 GADM Global Administrative areas](#)
  - [2.3 UN Revision of World Urbanization Prospects](#)

## Country boundaries and land surface elevation maps

On each country page in this Atlas is a map showing the country boundary, land surface elevation, and the location of the capital city. These maps were created especially for the Atlas by combining three separate open source maps for all of Africa from third party providers. The maps for each country were clipped from our derived Africa-wide map.

If you reproduce any of these country maps from this Atlas, please cite both the Africa Groundwater Atlas and the USGS (GTOPO30), GADM and UN - for more details see below.



Map of Africa showing elevation, country boundaries and capital cities. Derived from USGS GTOPO30; GADM global administrative areas; and UN Revision of World Urbanization Prospects.

## Data sources

### USGS GTOPO30

A digital elevation model (DEM) of Africa was derived from the US Geological Survey (USGS) Global 30 Arc-Second Elevation dataset (GTOPO30), which is available to download from the [US Geological Survey](#).

### GADM Global Administrative areas

Administrative country boundaries in the Atlas are derived from the GADM database of global administrative areas (version 2.0), which is available to download from [GADM](#).

### UN Revision of World Urbanization Prospects

The locations of capital cities for this map were derived from the 2011 Revision of World Urbanization Prospects, provided by the United Nations Department of Economic and Social Affairs (Population Division, Population Estimates and Projections Section). This is available to download through the [United Nations, Department of Economic and Social Affairs, Population Division](#) website.

Return to [Africa Groundwater Atlas](#) >> [Additional resources](#)

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[Categories](#):

- [Additional resources](#)
- [Africa Groundwater Atlas](#)

## Navigation menu

### Personal tools

- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

### Namespaces

- [Page](#)
- [Discussion](#)

### Variants

### Views

- [Read](#)
- [View source](#)
- [View history](#)
- [PDF Export](#)

### More

### Search

### Navigation

- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

## Tools

- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Cite this page](#)
- [Browse properties](#)

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- [Privacy policy](#)
- [About Earthwise](#)
- [Disclaimers](#)

