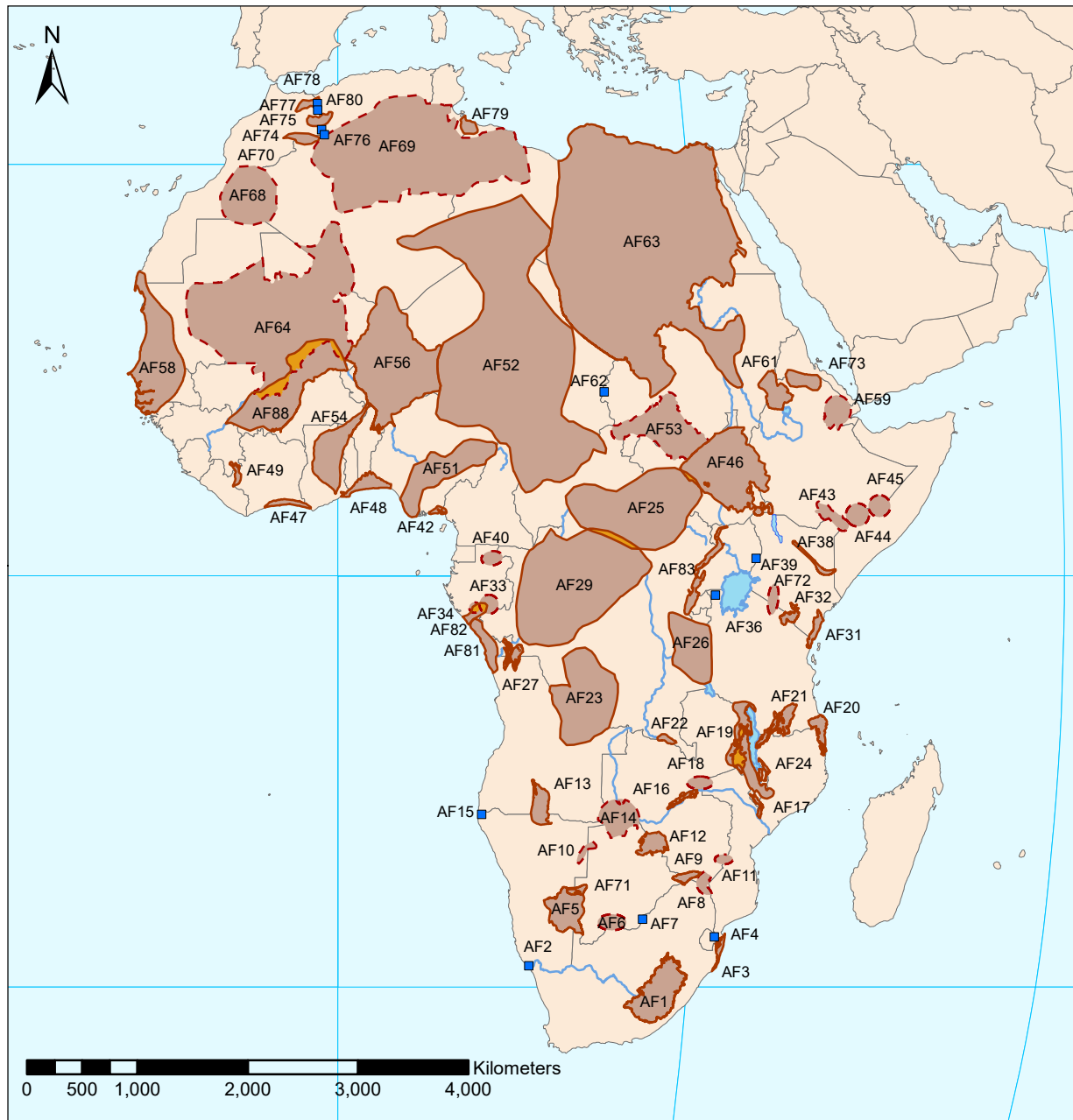


# Transboundary Aquifers of Africa



## Legend

### Occurrence and extent

- aquifer
- overlapping areas
- small aquifer

### Type of delineation

- confirmed boundary
- approximate boundary
- AB12 aquifer label

### Geographic elements

- countries
- rivers
- lakes

### Prepared by IGRAC

scale: 1: 60,000,000

### Base maps

Country borders: ESRI World Country (April, 2014)  
Rivers and lakes: ESRI (2009)

### Map projection

Robinson projection, geographic coordinates,  
spheroid WGS84, longitude of central meridian 0°.

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### About this map

This map is a cutout of the Transboundary Aquifers of the World Map 2015. Details on the procedures for preparing this map are described in: IGRAC (International Groundwater Resources Assessment Centre), UNESCO-IHP (UNESCO International Hydrological Programme), 2015. Transboundary Aquifers of the World [map]. Edition 2015. Scale 1 : 50 000 000. Delft, Netherlands: IGRAC, 2015.

### Disclaimer

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### Preferred citation

IGRAC (International Groundwater Resources Assessment Centre), UNESCO-IHP (UNESCO International Hydrological Programme), 2015. Transboundary Aquifers of Africa. Based on: Transboundary Aquifers of the World [map]. Edition 2015. Delft, Netherlands: IGRAC, 2015.

# Transboundary Aquifers of Africa

For more information on individual transboundary aquifers and the extended view of the small aquifers, please visit IGRAC's Global Groundwater Information System (GGIS) online:

<http://tbamap.un-igrac.org/>

E-mail: [info@un-igrac.org](mailto:info@un-igrac.org)

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Label	Aquifer name	Sharing countries	Area [km <sup>2</sup> ]
AF1	Karoo Sedimentary Aquifer	Lesotho, South Africa	165,936
AF2	Coastal Sedimentary Basin V	South Africa, Namibia	913
AF3	Coastal Sedimentary Basin VI / Coastal Plain Sedimentary Basin Aquifer	Mozambique, South Africa	10,230
AF4	Rhyolite-Breccia Aquifer	South Africa, Swaziland, Mozambique	4,916
AF5	Stampriet Aquifer System	Botswana, Namibia, South Africa	102,401
AF6	Khakhea/Bray Dolomite	Botswana, South Africa	29,689
AF7	Zeerust / Lobatse / Ramotswa Dolomite Basin Aquifer	Botswana, South Africa	351
AF8	Limpopo Basin	Mozambique, South Africa, Zimbabwe	19,961
AF9	Tuli Karoo Sub-Basin	Botswana, South Africa, Zimbabwe	14,330
AF10	Northern Kalahari / Karoo Basin / Eiseb Graben Aquifer	Botswana, Namibia	12,336
AF11	Save Aluvial	Mozambique, Zimbabwe	11,477
AF12	Eastern Kalahari Karoo Basin	Botswana, Zimbabwe	39,603
AF13	Cuvelai and Etiosa Basin / Ohangwena Aquifer System	Angola, Namibia	47,131
AF14	Nata Karoo Sub-basin / Caprivi deep-seated Aquifer	Angola, Botswana, Namibia, Zambia, Zimbabwe	90,982
AF15	Coastal Sedimentary Basin IV	Angola, Namibia	1,352
AF16	Medium Zambesi Aquifer	Zambia, Zimbabwe	10,705
AF17	Shire Valley Alluvial Aquifer	Mozambique, Malawi	6,223
AF18	Arangua Alluvial	Mozambique, Zambia	21,235
AF19	Sand and Gravel Aquifer	Malawi, Zambia	25,318
AF20	Coastal Sedimentary Basin III	Mozambique, Tanzania	25,344
AF21	Karoo Sandstone Aquifer	Mozambique, Tanzania	40,007
AF22	Kalahari/Katangan Basin/Lualaba	Zambia, Democratic Republic of the Congo	7,880
AF23	Coango	Democratic Republic of the Congo, Angola	367,328
AF24	Weathered basement	Tanzania, Zambia, Malawi	126,590
AF25	Karoo-Carbonate	Central African Republic, Congo, South Sudan	604,596
AF26	Tanganyika	Burundi, Democratic Republic of the Congo, Tanzania	184,595
AF27	Dolomitic Basin	Angola, Democratic Republic of the Congo, Congo	21,316
AF29	Cuvette	Congo, Democratic Republic of the Congo	876,603

Label	Aquifer name	Sharing countries	Area [km <sup>2</sup> ]
AF31	Coastal Sedimentary Basin I / Karoo Sedimentary Aquifer	Kenya, Tanzania	17,067
AF32	Kilimanjaro Aquifer	Kenya, Tanzania	14,579
AF33	AF33	Congo, Gabon	23,543
AF34	AF34	Congo, Gabon	7,151
AF36	Kagera Aquifer	Tanzania, Rwanda, Uganda	5,779
AF38	Merti Aquifer	Kenya, Somalia	13,623
AF39	Mount Elgon Aquifer	Uganda, Kenya	5,398
AF40	AF40	Congo, Gabon	19,681
AF42	Rio Del Rey	Nigeria, Cameroon	6,442
AF43	Dawa	Ethiopia, Kenya, Somalia	34,007
AF44	Jubba	Ethiopia, Somalia	34,587
AF45	Shabelle	Ethiopia, Somalia	30,985
AF46	Sudd Basin	Ethiopia, Kenya, South Sudan	370,648
AF47	Tano Basin	Ghana, Cote d'Ivoire	16,063
AF48	Keta / Dahomey / Cotier Basin Aquifer	Ghana, Togo, Benin, Nigeria	36,904
AF49	Cestos - Danané Aquifer	Cote d'Ivoire, Guinea, Liberia	9,403
AF51	Aquifer Vallee de la Benoue	Nigeria, Cameroon	219,001
AF52	Lake Chad Basin	Chad, Niger, Nigeria, Cameroon, Central African republic, Algeria	2,271,303
AF53	Baggara Basin	Central African Republic, South Sudan, Sudan	239,877
AF54	Volta Basin	Benin, Burkina Faso, Ghana, Togo, Niger	144,277
AF56	Irhazer-Iloumeden Basin	Algeria, Benin, Mali, Niger, Nigeria	577,885
AF58	Senegalo-Mauretian Basin	Gambia, Guinea-Bissau, Senegal, Mauritania, Western Sahara	332,570
AF59	Afar Rift valley / Afar Triangle Aquifer	Djibouti, Ethiopia	57,011
AF61	Gedaref	Ethiopia, Sudan	57,831
AF62	Disa	Chad, Sudan	1,482
AF63	Nubian Sandstone Aquifer System (NSAS)	Chad, Egypt, Libya, Sudan	2,892,867
AF64	Taoudeni Basin	Algeria, Mali, Mauritania	1,260,940
AF68	Système Aquifère de Tindouf	Morocco, Western Sahara, Mauritania, Algeria	221,019
AF69	Northwest Sahara Aquifer System (NWSAS)	Algeria, Libya	1,279,963
AF70	Système Aquifère d'Errachidia	Morocco, Algeria	20,721
AF71	Ncojane Basin	Botswana, Namibia	10,323
AF72	Rift Aquifer	Kenya, Tanzania	21,145
AF73	Mereb	Ethiopia, Eritrea	38,753
AF74	Angad	Morocco, Algeria	4,677
AF75	Ain Beni Mathar	Morocco, Algeria	18,315
AF76	Chott Tigri-Lahouita	Morocco, Algeria	3,560
AF77	Figuir	Morocco, Algeria	1,546
AF78	Jbel El Hamra	Morocco, Algeria	561
AF79	Système Aquifère de la Djéffara	Tunisia, Libya	16,627
AF80	Triffa	Morocco, Algeria	11,530
AF81	Aquifere Cotier	Angola, Democratic Republic of the Congo, Congo, Gabon	45,531
AF82	AF82	Gabon, Congo	19,012
AF83	Aquifere du Rift	Democratic Republic of the Congo, South Sudan, Uganda	44,632
AF88	Aquifer extension Sud-Est de Taoudeni	Mali, Guinea, Burkina Faso	343,482