

AFRICA



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Becci Dale, cartographer



Congo/Zaire*

Total area: 3,699,100 km²

Countries	Area of Basin in Country	
	km ²	%
Congo, Democratic Republic of (Kinshasa)	2,307,800	62.39
Central African Republic	402,000	10.87
Angola	291,500	7.88
Congo, Republic of the (Brazzaville)	248,400	6.72
Zambia	176,600	4.77
Tanzania, United Republic of	166,800	4.51
Cameroon	85,300	2.31
Burundi	14,300	0.39
Rwanda	4,500	0.12
Gabon	460	0.01
Malawi	90	0.00

Date	Treaty Basin	Signatories	Treaty Name
July 20, 1927	M'Poza	Belgium; Portugal	Convention ... regarding various questions of economic interest...
February 26, 1885	Congo, Niger	Austria-Hungary; Belgium; Denmark; France; Germany; Great Britain; Italy; Netherlands; Norway; Portugal; Russia; Spain; Sweden; Turkey; United States of America	General act of the conference of Berlin ... respecting: 1) freedom of trade in the basin of the Congo; 2) the slave trade; 3) neutrality of the territories in the basin of the Congo; 4) navigation of the Congo; 5) navigation of the Niger; and 6) rules for future occupation of the coast of the African continent



Kalambo Gorge (left). Photo credit: Gordon Matzke. Congo/Zaire River. Photo credit: Duncan Thomas.

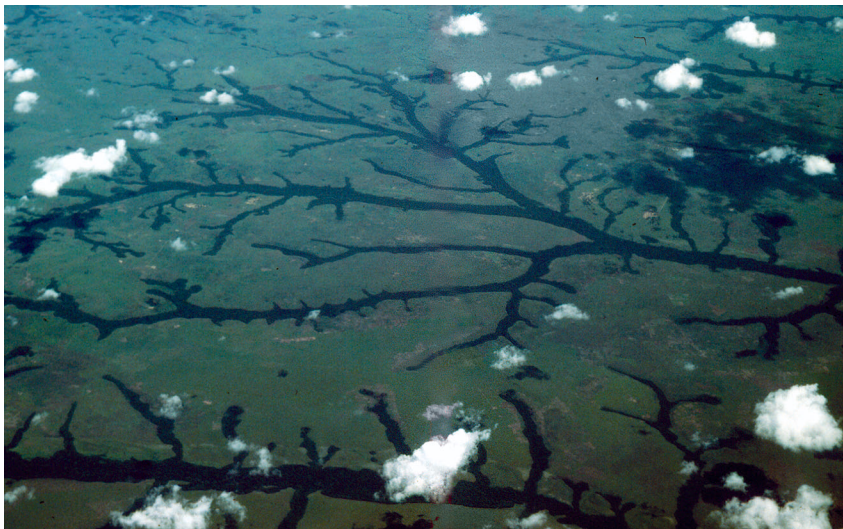
Corubal

Total area: 24,000 km²

Countries	Area of Basin in Country km ²	%
Guinea	17,500	72.71
Guinea-Bissau	6,500	27.02



Date	Treaty Basin	Signatories	Treaty Name
October 21, 1978	Koliba-Korubal	Guinea, Republic of; Guinea-Bissau, Republic of	Protocol of the agreement between the Republic of Guinea and the Republic of Guinea-Bissau on the management of the Koliba-Korubal river, signed at Conakry



Riparian trees along Congo/Zaire tributaries (left). Photo credit: Jane Thomas. Todra Gorge. Photo credit: M. Giordano.





Gambia

Total area: 69,900 km²

Countries	Area of Basin in Country	
	km ²	%
Senegal	50,700	72.48
Guinea	13,200	18.92
Gambia	5,900	8.51

Date	Treaty Basin	Signatories	Treaty Name
June 30, 1978	Gambia	Gambia; Guinea; Senegal	Convention relating to the status of the River Gambia, signed at Kaolack
June 30, 1978	Gambia	Gambia; Guinea, People's Revolutionary Republic of; Senegal	Convention relating to the creation of the Gambia River Basin Development Organization
September 4, 1913	Gambia	France; Great Britain	Agreement between Great Britain and France respecting the boundary between Sierra Leone and French Guinea
October 19, 1906	Gambia	France; Great Britain	Agreement between France and Great Britain relative to the frontier between French and British possessions from the Gulf of Guinea to the Niger
February 4, 1895	Gambia	France; Great Britain	Exchange of notes between France and Great Britain respecting navigation and use of the Great Scarcies River
August 10, 1889	Gambia	France; Great Britain	Agreement between Great Britain and France



Gambia River (left). Photo credit: Duncan Thomas. Sabi/Save River. Photo credit: Gordon Matzke.

Gash

Total area: 40,000 km²

Countries	Area of Basin in Country	
	km ²	%
Eritrea	21,400	53.39
Sudan	9,600	24.09
Ethiopia	9,000	22.52



Date	Treaty Basin	Signatories	Treaty Name
April 18, 1951	Gash	Eritrea; Sudan	Letters between the irrigation adviser and director of irrigation, Sudan government, and the controller of agriculture, Eritrea
June 15, 1925	Gash	Great Britain; Italy	Exchange of notes between the United Kingdom and Italy respecting the regulation of the utilisation of the waters of the River Gash



Irrigation canal, Daoura Basin.
Photo credit: M. Giordano.



Incomati*

Total area: 46,700 km²

Countries	Area of Basin in Country km ²	%
South Africa	29,200	62.47
Mozambique	14,600	31.20
Swaziland	3,000	6.33

Date	Treaty Basin	Signatories	Treaty Name
October 7, 1992	Komati	KaNgwane; South Africa, Republic of	Agreement on the development and utilisation of the resources of the Komati River Basin between the government of the Republic of South Africa and the government of KaNgwane
March 13, 1992	Komati	South Africa, Republic of; Swaziland, Kingdom of	Treaty on the development and utilisation of the water resources of the Komati River Basin between the government of the Kingdom of Swaziland and the government of the Republic of South Africa
March 13, 1992	Komati, Maputo	South Africa, Republic of; Swaziland, Kingdom of	Treaty on the establishment and functioning of the joint water commission between the government of the Republic of South Africa and the government of the Kingdom of Swaziland
February 15, 1991	Inkomati, Komati, Sabie	Mozambique; South Africa; Swaziland	Tripartite permanent technical committee ministerial meeting of ministers responsible for water affairs
February 17, 1983	Frontier or shared waters	Mozambique, People's Republic of; South Africa, Republic of; Swaziland, Kingdom of	Agreement between the government of the Republic of South Africa, the government of the Kingdom of Swaziland and the government of the People's Republic of Mozambique relative to the establishment of a tripartite permanent technical committee

Juba-Shibeli

Total area: 803,500 km²

Countries	Area of Basin in Country km ²	%
Ethiopia	367,400	45.72
Somalia	220,900	27.49
Kenya	215,300	26.79



Date	Treaty Basin	Signatories	Treaty Name
November 22, 1933	Dif (pools of)	Great Britain, United Kingdom of; Italy	Exchange of notes setting out an agreement between His Majesty's government in the United Kingdom and the Italian government regarding the boundary between Kenya and Italian Somaliland, together with the agreement adopted by the boundary commission and appendices, London



Catching fish, Kafue River. Photo credit: Gordon Matzke.



Kunene

Total area: 110,000 km²

Countries	Area of Basin in Country km ²	%
Angola	95,300	86.68
Namibia	14,700	13.32

Date	Treaty Basin	Signatories	Treaty Name
January 1, 1996	Frontier or shared waters	Mozambique; South Africa	Joint Water Commission terms of reference
January 21, 1969	Cunene	Portugal; South Africa, Republic of	Agreement between the government of the Republic of South Africa and the government of Portugal in regard to the first phase of development of the water resource of the Cunene River Basin
April 29, 1931	Cunene	Portugal; South Africa	Exchange of notes... respecting the boundary between the mandated territory of South Africa and Angola
July 1, 1926	Cunene, Kunene	Portugal; South Africa	Agreement between South Africa and Portugal regulating the use of the water of the Cunene River



Gambia River. Photo credit: Duncan Thomas.

Lake Chad*

Total area: 2,388,700 km²

Countries	Area of Basin in Country	
	km ²	%
Chad	1,079,200	45.18
Niger	674,200	28.23
Central African Republic	218,600	9.15
Nigeria	180,200	7.54
Algeria	90,000	3.77
Sudan	82,800	3.47
Cameroon	46,800	1.96
Chad, claimed by Libya	12,300	0.51
Libya	4,600	0.19



Date	Treaty Basin	Signatories	Treaty Name
October 10, 1973	Chad	Cameroon; Chad; Niger; Nigeria	Agreement pertaining to the creation of a fund for the development of the Chad basin commission
May 22, 1964	Lake Chad	Cameroon; Chad; Niger; Nigeria	Convention and statutes relating to the development of the Chad Basin



Lake Tanganyika. Photo credit: Gordon Matzke.



Limpopo

Total area: 414,800 km²

Countries	Area of Basin in Country	
	km ²	%
South Africa	183,500	44.25
Mozambique	87,200	21.02
Botswana	81,500	19.65
Zimbabwe	62,600	15.08

Date

February 17, 1983

Treaty Basin

Frontier or shared waters

Signatories

Mozambique, People's Republic of; South Africa, Republic of; Swaziland, Kingdom of

Treaty Name

Agreement between the government of the Republic of South Africa, the government of the Kingdom of Swaziland and the government of the People's Republic of Mozambique relative to the establishment of a tripartite permanent technical committee.



Flywheel pump, Malawi (left); tributary of Limpopo River (top right). Photo credits: Gordon Matzke. Congo/Zaire River. Photo credit: Duncan Thomas.

Maputo*

Total area: 30,700 km²

Countries	Area of Basin in Country	
	km ²	%
South Africa	18,500	60.31
Swaziland	10,600	34.71
Mozambique	1,500	4.98



Date	Treaty Basin	Signatories	Treaty Name
March 13, 1992	Komati, Maputo	South Africa, Republic of; Swaziland, Kingdom of	Treaty on the establishment and functioning of the joint water commission between the government of the Republic of South Africa and the government of the Kingdom of Swaziland
February 17, 1983	Frontier or shared waters	Mozambique, People's Republic of; South Africa, Republic of; Swaziland, Kingdom of	Agreement between the government of the Republic of South Africa, the government of the Kingdom of Swaziland and the government of the People's Republic of Mozambique relative to the establishment of a tripartite permanent technical committee



Tributary of Maputo River. Photo credit: Gordon Matzke.



Niger

Total area: 2,113,200 km²

Countries	Area of Basin in Country km ²	%
Nigeria	561,900	26.59
Mali	540,700	25.58
Niger	497,900	23.56
Algeria	161,300	7.63
Guinea	95,900	4.54
Cameroon	88,100	4.17
Burkina Faso	82,900	3.93
Benin	45,300	2.14
Ivory Coast	22,900	1.08
Chad	16,400	0.78
Sierra Leone	50	0.00

Date	Treaty Basin	Signatories	Treaty Name
January 14, 1999	Mékrou	Benin, Republic of; Niger, Republic of	Decree No. 99-120/PCRN/MAE/IA pertaining to publication of the agreement between the Republic of Niger and the Republic of Benin relative to the realization of the hydroelectric management of the Dyondyonga site on the Mékrou river, signed at Contonou
July 18, 1990	Gada/Goulbi, Komadougou- Yobe, Maggia/Lamido, Tagwai/El Fadama	Niger, Republic of; Nigeria, Federal Republic of	Agreement between the Federal Republic of Nigeria and the Republic of Niger concerning the equitable sharing in the development, conservation and use of their common water resources
July 12, 1988	Niger	Mali, Republic of; Niger, Republic of	Protocol of the agreement between the Republic of Niger and the Republic of Mali relative to cooperation in the utilization of resources in water of the Niger river
October 29, 1987	Niger	Benin, People's Republic of; Burkina Faso; Cameroon; Chad; Côte D'Ivoire; Guinea; Mali; Niger; Nigeria	Revised convention pertaining to the creation of the Niger Basin Authority, signed at N'Djamena
October 27, 1987	Niger	Algeria; Benin; Cameroon; Chad; Guinea; Cote D'Ivoire; Mali; Niger; Nigeria; Burkina Faso	Revised financial procedures of the Niger Basin Authority, done at Ndjamena

Niger, continued

Date	Treaty Basin	Signatories	Treaty Name
November 21, 1980	Niger	Benin, People's Republic of; Cameroon; Chad; Côte D'Ivoire; Guinea, Revolutionary People's Republic of; Mali; Niger; Nigeria; Upper Volta	Convention creating the Niger Basin Authority and protocol
November 25, 1964	Niger	Benin; Burkina Faso; Cameroon; Chad; Cote D'Ivoire; Guinea; Mali; Niger; Nigeria	Agreement concerning the River Niger Commission and the navigation and transport on the River Niger
October 26, 1963	Niger	Cameroon; Chad; Côte D'Ivoire; Dahomey; Guinea; Mali; Niger; Nigeria; Upper Volta	Act regarding navigation and economic co-operation between the states of the Niger Basin
April 20, 1921	Niger	France; Great Britain; "among others"	Convention of Barcelona
February 26, 1885	Congo, Niger	Austria-Hungary; Belgium; Denmark; France; Germany; Great Britain; Italy; Netherlands; Norway; Portugal; Russia; Spain; Sweden; Turkey; United States of America	General act of the conference of Berlin ... respecting: 1) freedom of trade in the basin of the Congo; 2) the slave trade; 3) neutrality of the territories in the basin of the Congo; 4) navigation of the Congo; 5) navigation of the Niger; and 6) rules for future occupation of the coast of the African continent



Blue Nile River. Photo credit: Badege Bishaw.



Nile*

Total area: 3,038,100 km²

Countries	Area of Basin in Country	
	km ²	%
Sudan	1,931,300	63.57
Ethiopia	356,900	11.75
Egypt	273,100	8.99
Uganda	238,900	7.86
Tanzania, United Republic of	120,300	3.96
Kenya	50,900	1.68
Congo, Democratic Republic of (Kinshasa)	21,700	0.71
Rwanda	20,800	0.69
Burundi	13,000	0.43
Egypt, administered by Sudan	4,400	0.14
Eritrea	3,500	0.12
Sudan, administered by Egypt	2,000	0.07

Date	Treaty Basin	Signatories	Treaty Name
August 5, 1994	Lake Victoria	Kenya; Tanzania, United Republic of; Uganda	Agreement to initiate program to strengthen regional coordination in management of resources of Lake Victoria
July 1, 1993	Nile	Egypt, Arab Republic of; Ethiopia	Framework for general co-operation between the Arab Republic of Egypt and Ethiopia
May 18, 1981	Kagera	Burundi; Rwanda; Tanzania, United Republic of; Uganda	Accession of Uganda to the agreement pertaining to the creation of the organization for the management and development of the Kagera river basin
August 24, 1977	Kagera	Burundi; Rwanda; Tanzania, United Republic of; Uganda	Agreement for the establishment of the organization for the management and development of the Kagera river basin (with attached map), concluded at Rusumo, Rwanda
November 8, 1959	Nile	Sudan; United Arab Republic	Agreement between the government of the United Arab Republic and the government of Sudan
July 16, 1952	Nile	Egypt; Great Britain and Northern Ireland, United Kingdom of	Exchange of notes constituting an agreement between the government of the United Kingdom of Great Britain and Northern Ireland and the government of Egypt regarding the construction of the Owen Falls Dam in Uganda

Nile, continued

Date	Treaty Basin	Signatories	Treaty Name
January 19, 1950	Nile	Egypt; Great Britain on behalf of Uganda	Exchange of notes constituting an agreement between the government of the United Kingdom of Great Britain and Northern Ireland on behalf of the government of Uganda and the government of Egypt regarding cooperation in meteorological and hydrological surveys in certain area of the Nile basin
December 5, 1949	Nile	Egypt; Great Britain on behalf of Uganda	Exchange of notes constituting an agreement between the government of the United Kingdom of Great Britain and Northern Ireland and the government of Egypt regarding the construction of the Owen Falls Dam, Uganda
May 31, 1949	Nile	Egypt; Great Britain	Exchanges of notes constituting an agreement between the government of the United Kingdom of Great Britain and Northern Ireland and the government of Egypt regarding the construction of the Owen Falls Dam, Uganda
December 7, 1946	Nile	Egypt; Great Britain	Exchange of notes constituting an agreement between the United Kingdom of Great Britain and Northern Ireland and Egypt regarding the utilisation of profits from the 1940 British government cotton buying commission and the 1941 joint Anglo-Egyptian cotton buying commission to finance schemes for village water supplies
November 22, 1934	Nile	Belgium; Great Britain	Agreement between the United Kingdom and Belgium regarding water rights on the boundary between Tanganyika and Ruanda-Urundi
May 7, 1929	Nile	Egypt; Great Britain	Exchange of notes between His Majesty's government in the United Kingdom and the Egyptian Government in regard to the use of the waters of the river Nile for irrigation purposes
December 20, 1925	Lake Tsana	Great Britain; Italy	Exchange of notes between the United Kingdom and Italy respecting concessions for a barrage at Lake Tsana and a railway across Abyssinia from Eritrea to Italian Somaliland
December 13, 1906	Nile	France; Great Britain; Italy	Agreement between Great Britain, France, and Italy respecting Abyssinia
May 9, 1906	Nile	Congo, Independent State of; Great Britain	Agreement between Great Britain and the Independent State of the Congo, modifying the agreement signed at Brussels 12 May 1894, relating to the spheres of influence of Great Britain and the Independent State of the Congo in East and Central Africa
May 15, 1902	Nile, Sobat	Ethiopia; Great Britain	Treaties between Great Britain and Ethiopia, relative to the frontiers between Anglo-Egyptian Soudan, Ethiopia, and Erythrea (railway to connect Soudan with Uganda)
March 18, 1902	Nile	Ethiopia; Great Britain	Exchange of notes between Great Britain and Ethiopia
April 15, 1891	Nile	Great Britain; Italy	Protocol between Great Britain and Italy for the demarcation of their respective spheres of influence in Eastern Africa



Okavango

Total area: 706,900 km²

Countries	Area of Basin in Country km ²	%
Botswana	358,000	50.65
Namibia	176,200	24.93
Angola	150,100	21.23
Zimbabwe	22,600	3.19

Date	Treaty Basin	Signatories	Treaty Name
September 16, 1994	Okavango	Angola, Republic of; Botswana, Republic of; Namibia, Republic of	Agreement between the governments of the Republic of Angola, the Republic of Botswana, and the Republic of Namibia on the establishment of a permanent Okavango River Basin Water Commission (OKACOM)



Lake Malawi. Photo credit: Gordon Matzke.

Orange*

Total area: 945,500 km²

Countries	Area of Basin in Country	
	km ²	%
South Africa	563,900	59.65
Namibia	240,200	25.40
Botswana	121,400	12.85
Lesotho	19,900	2.10



Date	Treaty Basin	Signatories	Treaty Name
January 1, 1999	Orange	Lesotho; South Africa	Protocol VI to the treaty on the Lesotho Highlands Water Project: supplementary arrangements regarding the system of governance for the project
September 14, 1992	Frontier or shared waters	Namibia, Republic of; South Africa, Republic of	Agreement between the government of the Republic of Namibia and the government of the Republic of South Africa on the establishment of a permanent water commission
August 31, 1992	Orange	Lesotho Highlands Development Authority; South Africa, Republic of	Ancillary agreement to the deed of undertaking and relevant agreements entered into between the Lesotho Highlands Development Authority and the government of the Republic of South Africa
November 19, 1991	Orange	Lesotho; South Africa	Protocol IV to the treaty on the Lesotho Highlands Water Project: supplementary arrangements regarding phase IA
October 24, 1986	Senqu/Orange	Lesotho, Kingdom of; South Africa, Republic of	Treaty on the Lesotho Highlands Water Project between the government of the Republic of South Africa and the government of the Kingdom of Lesotho



Orange River Dam. Photo credit: Gordon Matzke.



Ruvuma*

Total area: 151,700 km²

Countries	Area of Basin in Country km ²	%
Mozambique	99,000	65.27
Tanzania, United Republic of	52,200	34.43
Malawi	400	0.30

Date	Treaty Basin	Signatories	Treaty Name
December 28, 1937	Domoni, Ruvuma	Great Britain; Portugal	Exchange of notes constituting an agreement between the United Kingdom and Portugal regarding the boundary between Tanganyika Territory and Mozambique. Lisbon, May 11, 1936-December 28, 1937



Kyle Lake. Photo credit: Gordon Matzke.

Senegal

Total area: 436,000 km²

Countries	Area of Basin in Country	
	km ²	%
Mauritania	219,100	50.25
Mali	150,800	34.59
Senegal	35,200	8.08
Guinea	30,800	7.07



Date	Treaty Basin	Signatories	Treaty Name
December 21, 1978	Senegal	Mali; Mauritania; Senegal	Convention concluded between Mali, Mauritania, and Senegal relative to the legal statute of common works
August 11, 1972	Senegal	Mali; Mauritania; Senegal	Convention pertaining to the creation of the organization for the management of the Senegal river
March 11, 1972	Senegal	Mali; Mauritania; Senegal	Convention relating to the statute of the Senegal river, signed at Nouakchott
January 30, 1970	Senegal	Guinea; Mali; Mauritania; Senegal	Convention of Dakar
July 26, 1963	Senegal	Guinea; Mali; Mauritania; Senegal	Convention of Bamako



Dra River. Photo credit: M. Giordano.



Umbeluzi

Total area: 10,900 km²

Countries	Area of Basin in Country	
	km ²	%
Mozambique	7,200	65.87
Swaziland	3,500	32.44
South Africa	30	0.27

Date

February 17, 1983

Treaty Basin

Frontier or shared waters

Signatories

Mozambique, People's Republic of; South Africa, Republic of; Swaziland, Kingdom of

Treaty Name

Agreement between the government of the Republic of South Africa, the government of the Kingdom of Swaziland and the government of the People's Republic of Mozambique relative to the establishment of a tripartite permanent technical committee



Zambezi River. Photo credit: Tristan Bähr.

Volta

Total area: 412,800 km²

Countries	Area of Basin in Country km ²	%
Burkina Faso	173,500	42.04
Ghana	166,000	40.21
Togo	25,800	6.26
Mali	18,800	4.56
Benin	15,000	3.63
Ivory Coast	13,500	3.27



Date	Treaty Basin	Signatories	Treaty Name
July 19, 1906	Frontier or shared waters	France; Great Britain	Exchange of notes between France and Great Britain relative to the boundary between the Gold Coast and French Sudan



Kariba Dam, Zambezi River. Photo credit: Gordon Matzke.



Zambezi*

Total area: 1,385,300 km²

Countries	Area of Basin in Country km ²	%
Zambia	576,900	41.64
Angola	254,600	18.38
Zimbabwe	215,500	15.55
Mozambique	163,500	11.81
Malawi	110,400	7.97
Tanzania, United Republic of	27,200	1.97
Botswana	18,900	1.37
Namibia	17,200	1.24
Congo, Democratic Republic of (Kinshasa)	1,100	0.08

Date	Treaty Basin	Signatories	Treaty Name
July 28, 1987	Zambesi	Zambia, Republic of; Zimbabwe, Republic of	Agreement between the Republic of Zimbabwe and the Republic of Zambia concerning the utilization of the Zambesi River
May 28, 1987	Zambesi	Botswana; Mozambique, People's Republic of; Tanzania, United Republic of; Zambia; Zimbabwe	Agreement on the action plan for the environmentally sound management of the common Zambesi River System
May 2, 1984	Zambesi	Mozambique, People's Republic of; Portugal, Republic of; South Africa, Republic of	Agreement between the governments of the Republic of Portugal, the People's Republic of Mozambique and the Republic of South Africa relative to the Cahora Bassa Project
April 1, 1967	Zambesi	Portugal; South Africa	Agreement between South Africa and Portugal relating to hydropower development on the Zambesi River [untitled]
November 25, 1963	Kariba, Zambezi	Northern Rhodesia; Southern Rhodesia	Agreement relating to the Central African Power Corporation
November 18, 1954	Kwando	Great Britain; Great Britain on behalf of the Federation of Rhodesia and Nyasaland; Portugal	Agreement between the government of the United Kingdom of Great Britain and Northern Ireland on their own behalf and on behalf of the government of the Federation of Rhodesia and Nyasaland and the government of Portugal with regard to certain Angolan and Northern Rhodesian natives living on the Kwando River

Zambezi, continued

Date	Treaty Basin	Signatories	Treaty Name
January 21, 1953	Zambesi	Great Britain; Portugal	Exchange of notes constituting an agreement between Her Majesty's government in the United Kingdom of Great Britain and Northern Ireland and the Portuguese government providing for the Portuguese participation in the Shiré Valley Project
June 11, 1891	Busi, Limpopo, Pungwe, Sabi, Shiré, Zambesi	Great Britain; Portugal	Treaty between Great Britain and Portugal defining their respective spheres of influence in Africa



Kafue River (top); Victoria Falls, Zambezi River. Photo credits: Gordon Matzke.

