

British DX Club

**Africa on
Mediumwave and Shortwave**



**Guide to Mediumwave and Shortwave
Broadcasting from and to Africa**

January 2019

Algeria

Radio Algérienne is part of Entreprise Nationale de Radiodiffusion Sonore (ENRS) and is the national public broadcasting station in Algeria. It operates national and regional stations on longwave, mediumwave and FM, as well as a service of shortwave for North Africa and the Sahel.

Domestic broadcasting on longwave and mediumwave

kHz	Station	Location	kW	Schedule
153	Chaîne 1	Béchar		irregular & on low power
198	Chaîne 1	Ouargla		irregular & on low power
252	Chaîne 3	Tipaza	1500	24h in French; half-power 1900-0600
531	Jil FM	F'kirina Wilaya, Oum El Bouaghi	600	24h in Arabic/French/Tamazight
549	Jil FM	Sidi Hamadouche, Sidi Bel-Abbes	600	24h in Arabic/French/Tamazight
558	Radio Ouargla	Touggourt, Ouargla	10	24h in Arabic, including relays of Chaîne 1
576	Radio Béchar	Béchar, Béchar	400	24h in Arabic; half-power 1900-0600
666	Radio Tindouf	Tindouf, Tindouf	10	24h in Arabic, including relays of Chaîne 1
693	Chaîne 2	Aboudid, Tizi Ouzou	5	24h in Tamazight
693	Radio Adrar	Reggane, Adrar	10	24h in Arabic, including relays of Chaîne 1
702	Radio Laghouat	Laghouat, Laghouat	25	0600-1900 R Laghouat in Arabic, 1900-2200 R Culture in Arabic, 2200-2300 Chaîne 1 in Arabic, 2300-0600 R Coran in Arabic
738	Radio Illizi	In Aménas, Illizi	10	24h in Arabic, including relays of Chaîne 1
783	Radio Oued	Souf El Oued, El Oued	10	24h in Arabic, including relays of Chaîne 1
783	Radio Illizi	Djanet, Illizi	5	24h in Arabic, including relays of Chaîne 1
837	Chaîne 3	Béchar, Béchar	5	0500-0100 in French
873	Radio Ghardaia	Ghardaia, Ghardaia	10	24h in Arabic, including relays of Chaîne 1
891	Chaîne 1	Ouled Fayet, Algiers	600	24h in Arabic; half-power 1900-0600; noted with DRM transmissions carrying Chaîne 1 and Jil FM
909	Chaîne 1	Tamanrasset, Tamanrasset	10	24h in Arabic
927	Radio Adrar	Timimoun, Adrar	10	24h in Arabic, including relays of Chaîne 1
981	Chaîne 2	Ouled Fayet, Algiers	100	24h in Tamazight
1026	Radio Ourgla	Hassi Messaoud, Ouargla	10	24h in Arabic, including relays of Chaîne 1
1071	Chaîne 1	Illizi, Illizi	5	24h in Arabic
1089	Radio Adrar	Adrar, Adrar	10	24h in Arabic, including relays of Chaîne 1
1161	Radio Tamanrasset	In Salah, Tamanrasset	10	24h in Arabic, including relays of Chaîne 1
1422	UFC/Culture/Coran	Algiers, Algiers	50	1200-1600 Radio UFC in Arabic, 1600-2200 R Culture in Arabic, 2300-1200 R Coran in Arabic
1550	National R of SADR	Rabouni, Tindouf	50	see entry for Western Sahara

External broadcasting on shortwave

Radio Algérienne shortwave service

Shortwave services from Radio Algérienne are relayed from TDF Issoudun in France for listeners in North Africa and the Sahel. Programmes are mainly in Arabic with some news bulletins in French.

Transmitter site: TDF, Issoudun, France - 500 kW.

Times/UTC	Days	Language	kHz
0400-0500	Daily	Arabic	6060
0500-0600	Daily	Arabic	6060 6105 7295
0600-0700	Daily	Arabic	6105
1800-1900	Daily	Arabic	7375
1900-2000	Daily	Arabic	7315 7375
2000-2100	Daily	Arabic	5940 6170
2100-2200	Daily	Arabic	5940 6040
2200-2300	Daily	Arabic	6040



New shortwave transmitters being installed

Two new 250 kW shortwave transmitters for Radio Algérienne are currently being installed at Ourgla and Bechar in Algeria and are expected to be operational sometime in 2019. Although not yet on air, the following frequencies for the new transmitters have been registered with HFCC for B-18 for proposed broadcasts to North Africa and the Sahel:

Transmitter sites: Bechar (bec) - 250 kW and Ourgla (org) - 250 kW.

Times/UTC	Registered freq (kHz)	Times/UTC	Registered freq (kHz)
0000-0200	6005-org 9515-bec 9740-bec	0700-0900	9520-org 9665-org 11995-bec
0200-0400	6040-bec 7250-org	0900-1600	13640-org 13790-bec 17530-bec
0400-0600	5920-bec 5995-org 6095-org 6145-bec	1800-1900	11715-org 11960-bec
0600-0700	6095-org 7205-bec 7335-bec	1900-0000	5985-org 6020-org 9455-bec 9815-bec

Angola

Radio Nacional de Angola is the official state-operated radio station with headquarters in Luanda. The main Canal A service is on shortwave and FM, whilst the National Languages radio station, Radio N'gola Yetu, is on mediumwave and FM. The International Channel of RNA shares the mediumwave frequency of Radio N'gola Yetu. It is believed that all other stations, including all provincial radio stations, are on FM only.

Domestic broadcasting on mediumwave and shortwave

Radio Nacional de Angola - Canal A

Radio Nacional de Angola is the official state-operated radio station with headquarters in Luanda. Canal A is the national service of RNA that broadcasts in Portuguese and appears to be the last remaining Angolan radio station on either mediumwave or shortwave.

Transmitter site: Luanda-Mulenvos - 25 kW.

Language: Portuguese

Times/UTC kHz

24 hours 4949.7v

Note: Canal A's main news programmes are at 1200 and 1900 UTC.

Radio N'gola Yetu

Radio N'gola Yetu broadcasts between 0000-2000 in 14 national languages: Bângala, Nyaneka, Lunda, Songo, Luvale, Ngangela, Helelo, Fiote, Ngoya, Umbundu, Cokwe, Kimbundu, Kikongo, and Kwanyama. It shares the mediumwave frequency of 945 kHz with RNA's International Service.

Transmitter site: Luanda-Mulenvos - 25 kW.

Times/UTC	Programme	kHz
0000(0100mo)-1158	National Languages	945
1158-1300	Relay Canal A News in Portuguese	945
1300-2000(2100su)	National Languages	945

Provincial radio stations

Subject to confirmation, the following two provincial radio stations may still be on air in Angola:

kHz	Station	Location	kW
1290	Emissora Provincial do Zaire	Soyo, Zaire Province	5
1458	Emossira Provincial do Moxico	Luena. Moxico Province	10

External broadcasting on mediumwave

International Channel of Angolan National Radio

The International Channel of Angolan National Radio, as it identifies in English, is primarily for expatriots living in Angola and listeners in neighbouring countries. It shares the mediumwave frequency of 945 kHz with the national language service, Radio N'gola Yetu. On Sunday's, a National Language programme on Radio N'gola Yetu is broadcast at 2000-2100 resulting in International Service programmes in Lingala, French, English and Portuguese being one hour later.

Transmitter site: Luanda-Mulenvos - 25 kW.

Times/UTC	Language	kHz
2000-2100 (Sun: 2100-2200)	Lingala	945
2100-2200 (Sun: 2200-2300)	French	945
2200-2300 (Sun: 2300-0000)	English	945
2300-0000 (Mon: 0000-0100)	Portuguese	945

Target broadcasts to Angola

Voice of America - Angola, Falo Só

"Angola, Fala Só" is a weekly call-in show for listeners in Angola. The title for the Portuguese language show was inspired by a popular expression which is often used in the Angolan capital, Luanda.

Transmitter sites: Pinheira, Sao Tome (sao) - MW 600 kW, SW 100 kW; Moepeng Hill, Botswana (bot) - 100 kW; Greenville NC, USA (gb) - 250 kW.

Times/UTC	Days	Language	kHz
1630-1700	Fri	Portuguese	13630-bot 17655-sao
1700-1730	Fri	Portuguese	1530-sao 13630-bot 17655-gb

Ascension Island

Broadcasting within Ascension Island is now on FM only. BBC Radio Ascension on 1485 kHz and Volcano Radio on 1602 had both switched off their mediumwave transmitters by the end of 2009. The BBC Atlantic Relay Station, operated by Encompass Digital Media, relays shortwave transmissions to Africa on behalf of the BBC and other customers.

International relays on shortwave

BBC Atlantic Relay Station

The BBC World Service opened its overseas shortwave relay station on Ascension Island in 1966.

Transmitter site: English Bay - 6 x 250 kW.

Times/UTC	Days	Station	Language	Target	kHz
0500-0530	Daily	Voice of America	Hausa	West Africa	6170
0500-0600	Daily	BBC	English	West & Central Africa	5925 6005
0500-0600	Daily	Radio Ndarason Int.	Kanuri	West Africa	5960
0529-0600	Daily	BBC	Hausa	West Africa	6135 7305
0600-0629	Daily	BBC	French	Central Africa	5875 7305
0600-0700	Daily	BBC	English	West & Central Africa	6005 7345
0600-0700	Daily	Radio Ndarason Int.	Kanuri	West Africa	5960
0629-0700	Daily	BBC	Hausa	West Africa	5975 7305
0700-0729	Daily	BBC	French	West Africa	7305
0700-0800	Daily	BBC	English	West & Central Africa	7325 9410
1130-1700	Sat	BBC	Hausa	West Africa	17780
1200-1230	Daily	BBC	French	West & Central Africa	17640
1200-1430	Sat	BBC	Hausa	West Africa	17780
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17780
1600-1700	Daily	BBC	English	West & Central Africa	15400 17830
1700-1800	Daily	BBC	English	West & Central Africa	15400 17780 17830
1700-1930	Sat	BBC	Hausa	West Africa	15685
1800-1830	Daily	BBC	English	West & Central Africa	15400
1800-1830	Daily	BBC	French	West & Central Africa	11975 12065 15490
1800-2100	Daily	Radio Ndarason Int.	Kanuri	West Africa	12050
1830-1900	Daily	BBC	English	West & Central Africa	11810 15400
1900-1930	Sun	Follow the Bible	English	West Africa	11660
1900-2000	Daily	BBC	English	West & Central Africa	11810(mo-sa) 12095
1930-2000	Daily	BBC	Hausa	West Africa	11660 15490
2000-2030	Fri	BBC	Hausa	West Africa	11660 15490
2000-2100	Daily	BBC	English	West & Central Africa	11810 12095
2100-2200	Mon-Sat	BBC	English	West & Central Africa	12095
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	15120
2145-2215	Mo/Th/Sa	Radio Akhbar Mufriha	Hassinya	West Africa	9530
2145-2215	Tue/Fri/Su	Radio Akhbar Mufriha	Pulaar	West Africa	9530

Benin

Office de Radiodiffusion et Télévision du Bénin (ORTB) is the state broadcaster of Benin. Radio Benin in Cotonou was last reported on shortwave in 2006, whilst Radio Parakou, an ORTB regional station, was last heard on shortwave in 2009. All current domestic broadcasting in Benin is on FM only, with TWR Benin the only radio station on mediumwave.

International broadcasting on mediumwave

TWR Benin

TWR Benin went on air on 1 February 2008 and broadcasts Christian programming to West Africa. The mediumwave transmitter at Parakou on 1566 kHz covers a large portion of West Africa.

Transmitter site: Parakou - mediumwave 100 kW.

Times/UTC	Days	Language	kHz	Times/UTC	Days	Language	kHz
0315-0330	Mon-Fri	English	1566	1910-1925	Daily	Kanuri	1566
0330-0430	Mon-Fri	Hausa	1566	1925-1940	Mon-Fri	Kotokoli	1566
0335-0345	Sat/Sun	English	1566	1925-1940	Sat	Ditamari	1566
0345-0430	Sat/Sun	Hausa	1566	1925-1940	Sun	Lopka	1566
0430-0500	Daily	English	1566	1940-2010	Mon-Fri	Fon	1566
0500-0515	Sat/Sun	Twi	1566	1940-2010	Sat/Sun	Fulfulde	1566
0500-0530	Mon-Fri	Twi	1566	2010-2025	Sat	Songhai	1566
0515-0530	Sat/Sun	Ewe	1566	2010-2025	Sun/Mon	Dendi	1566
0530-0545	Daily	English	1566	2010-2025	Tue/Wed	Fongbe	1566
1725-1745	Daily	Fongbe	1566	2025-2040	Mon-Wed	Moore	1566
1745-1820	Daily	English	1566	2025-2040	Fri	Bambara	1566
1820-1855	Daily	Yoruba	1566	2025-2040	Thu	Jula	1566
1855-1910	Mon-Fri	Hausa	1566	2025-2040	Sat/Sun	Igbo	1566
1855-1910	Sat	Yoruba	1566	2040-2215	Daily	French	1566
1855-1910	Sun	Fon	1566	2215-2230	Mon-Fri	French	1566

Trans World Radio plans to apply for a second licence for broadcasts from its present site at Parakou. The first transmitter on 1566 kHz went on the air in 2008. Years ago, the Protestant missionary broadcaster also announced plans for a shortwave transmitter, but this idea was evidently dropped. The proposed new 200 kW transmitter will broadcast on mediumwave, although the frequency is not yet announced (Dr Hansjoerg Biener, 26 September 2016, DX Listening Digest)

Botswana

Radio Botswana is the public broadcasting service of Botswana. It operates two services: RB1 on mediumwave and FM, and the commercial RB2 on FM only. Shortwave transmissions from Radio Botswana were discontinued several years ago. The Botswana IBB Transmitting Station at Selebi-Phikwe operates on both mediumwave and shortwave mainly to Africa.

Domestic broadcasting on mediumwave

Radio Botswana National Service (RB1)

Schedule: 24h in Setswana and English

kHz	Location	kW	kHz	Location	kW
531	Maun, North-West District	50	945	Mmathethe, Southern District	25
558	Muchenje, North-West District	50	972	Takatokwane, Kweneng District	50
621	Selebi-Phikwe, Central District	100	1071	Jwaneng, Southern District	25
648	Mopipi, Central District	50	1215	Mahalapye, Central District	50
693	Shakawe, North-West District	25	1350	Tshabong, Kgalagadi District	50
873	Ghanzi, Ghanzi District	50			

International relays on mediumwave

IBB Botswana Transmitting Station

The IBB Botswana Transmitting Station at Selebi-Phikwe was opened in 1991.

Transmitter site: Selebi-Phikwe - 600 kW.

Time/UTC	Days	Station	Service	kHz
0300-0400	Daily	Voice of America	English	909
0400-0500	Mon-Fri	Voice of America	Studio 7	909
0400-0500	Sat/Sun	Voice of America	English	909
0500-0700	Daily	Voice of America	English	909
1600-1700	Daily	Voice of America	English	909
1700-1800	Daily	Voice of America	Studio 7	909
1800-2100	Daily	Voice of America	English	909

International relays on shortwave

IBB Botswana Transmitting Station

The IBB Botswana Transmitting Station at Selebi-Phikwe was opened in 1991.

Transmitter site: Selebi-Phikwe - mediumwave 600 kW (on 909 kHz); shortwave 4 x 100 kW.

Times/UTC	Days	Service	Language	Target	kHz
0300-0600	Daily	Voice of America	English	Africa	4930 15580
0330-0430	Daily	Voice of America	Rwanda-Rundi	Great Lakes Region	7460
0400-0500	Mon-Fri	VOA Studio 7	Eng/Sho/Nde	Zimbabwe	6175
0430-0530	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes Region	7460
0530-0630	Mon-Fri	Voice of America	French	Africa	13830
0600-0700	Daily	Voice of America	English	Africa	15580
0700-0730	Daily	Voice of America	Hausa	West Africa	15175
0830-0900	Wed/Sat	Voice of America	French	Africa	17700
1030-1100	Daily	Voice of America	Somali	Horn of Africa	15620
1100-1130	Sat	Voice of America	French	Africa	13750 15715
1300-1400	Daily	Voice of America	Somali	Horn of Africa	17600
1400-1500	Daily	Voice of America	English	Africa	4930 15580 17885
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	Great Lakes Region	13630
1500-1530	Daily	Voice of America	Hausa	West Africa	17700
1500-1600	Daily	Voice of America	English	Africa	4930 7455 15580
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	17700
1600-1630	Daily	Voice of America	English	Africa	4930 15580 17895
1630-1700	Daily	Voice of America	English	Africa	4930 15580(sa/su) 17895
1630-1700	Fri	Voice of America	Portuguese	Southern Africa	13630
1700-1730	Daily	Voice of America	English	Africa	15580(sa/su) 17895
1700-1730	Mon-Fri	Voice of America	Amharic	Horn of Africa	15580
1700-1800	Daily	VOA Studio 7	Eng/Sho/Nde	Zimbabwe	4930
1700-1800	Daily	Voice of America	Portuguese	Southern Africa	13630

Times/UTC	Days	Service	Language	Target	kHz
1730-1800	Daily	Voice of America	English	Africa	15580 17895
1800-1830	Mon-Fri	Voice of America	Portuguese	Southern Africa	13630
1800-2000	Daily	Voice of America	English	Africa	4930 15580
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes Region	11850
1830-2030	Daily	Voice of America	French	Africa	12075
1930-2000	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes Region	9885
2000-2100	Daily	Voice of America	English	Africa	4930 6195 15580
2030-2100	Mon-Sat	Voice of America	Hausa	West Africa	11850
2100-2130	Mon-Fri	Voice of America	French	Africa	5885 12075
2130-2200	Mon-Fri	Voice of America	Bambara	West Africa	5885 9485 12075

Burkina Faso

Radio Burkina is the state-run broadcasting service. It is on FM only now and was last reported on shortwave in 2010.

Burundi

RTNB is the state broadcasting service of Burundi. It broadcasts on FM only. RTNB was last reported on shortwave in mid-2003 on 6140 kHz.

Target broadcasts to Burundi and Rwanda

Voice of America Great Lakes Service

VOA started additional broadcasts to the Great Lakes region on 11 May 2015 following disturbances in Burundi that arose when President Pierre Nkurunziza announced he was running for a third term in office. VOA added additional shortwave broadcasts with an expanded call-in show and new drive-time newscasts. Broadcasts consist of programmes in both Kirundi and Kinyarwanda, as well as English.

Transmitter sites: Selebi-Phikwe, Botswana (bot) - 100 kW; Pinheira, Sao Tome (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW.

Times/UTC	Days	kHz
0330-0430	Daily	7275-sao 7460-bot 9885-sao
0430-0500	Mon-Fri	7275-sao 7460-sao 9885-bot
1400-1500	Sat/Sun	9885-sao 13630-bot 15300-smg
1600-1630	Daily	11850-smg 13630-sao 15460-sao
1830-1900	Mon-Fri	11850-bot 13630-sao
1930-2000	Mon-Fri	9885-bot 11850-sao 12040-kwt

Cameroon

CRTV is the state broadcasting service in Cameroon. All national and regional stations now operate on FM only. Shortwave broadcasting from the national station at Yaounde was last heard in early 2000 on 4850 kHz, whilst the regional station at Buea on 6005 kHz was last reported by a listener in the region in 2011.

Canary Islands

All broadcasting in the Canary Islands is on mediumwave and FM. RNE once had a shortwave relay station at Las Mesas, Tenerife, with two 50 kW transmitters for relays to the Americas, which remained in service until 1988.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
576	RNE Radio Nacional	Las Palmas, Gran Canaria	20	24h in Spanish
621	RNE Radio Nacional	Las Mesas, Tenerife	300	24h in Spanish
720	RNE Radio 5	Santa Cruz de Tenerife	10	24h in Spanish
882	COPE Tenerife	La Laguna, Tenerife	20	24h in Spanish
1179	SER Tenerife	Santa Cruz de Tenerife	25	24h in Spanish

Cape Verde

Radio Nacional (A Voz do Sao Vicente), the state broadcaster of Cape Verde. It was last reported on shortwave in late 1989. All current broadcasting in Cape Verde is on FM only.

Central African Republic

Radio Centrafrique is the state-operated radio service of the Central African Republic. It currently broadcasts only on FM in Bangui. Reactivation of both mediumwave and shortwave transmitters on 1440 kHz and 5035/7220 kHz is said to be planned, neither of which has been reported since at least 2012. The only known radio station currently on shortwave is Radio Maïngo in Boali.

Domestic broadcasting on shortwave

Radio Maïngo

Radio Maïngo (previously known as Radio IDCI) is a community radio station belonging to Water for Good (previously known as Integrated Community Development International), a Christian ministry founded by Jim Hocking in 2003. Official broadcasts with a 1 kW shortwave transmitter started on 1 March 2007 on 6030 kHz with Christian programming and community health information. A second 1 kW shortwave transmitter donated by HCJB Global Voice was installed in April 2010 and went live on 1 April 2011 on 3390 kHz. Radio IDCI, as it was then known, was put off air in March 2013 when Selaka rebels advanced on Bangui, with their studio and equipment looted. The station was rebuilt and reactivated in May 2013. Radio Maïngo broadcasts its programmes in French, Sango and Fulfulde, communicating information for the prevention of AIDS, the cause of orphans, the maintenance of water pumps in the villages, hygiene and sanitation, as well as many community development topics. Radio Maïngo's website also says it broadcasts programmes daily from Radio Ndeke Luka, established by the French-based Fondation Hironnelle, and the Network of Journalists for Human Rights (RJDH).

Transmitter site: Boali, Ombella-M'Poko - 1 kW

Times/UTC	Languages	kHz
0600-1100	French, Sango and Fulfulde	6030
1300-1600	French, Sango and Fulfulde	6030

Ceuta

All broadcasting in Ceuta is on FM with the exception of a single mediumwave channel used by Radiolé.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
1584	Radiolé	Costa del Estrecho	5	24h in Spanish (relay of Radiolé network)

Chad

ONRT (Radio Tchad) is the state-operated broadcasting service of Chad. It currently broadcasts on FM and is thought to be inactive on shortwave. Its most recent shortwave transmitter was commissioned in 1984 and refurbished in 2004 thanks to financial and technical help from Taiwan. Radio Tchad had not been reported on its usual shortwave frequency of 6165 kHz since October 2013 but was briefly reactivated in March 2016 prior to presidential elections in Chad.

Jorma Mantyla in Finland reported on the dxing.info Facebook group that he had heard Chad on their old mediumwave frequency of 840 kHz at 1659 UTC on 27 October 2018 using their traditional interval signal. Checks by the editor since then has only found Eritrean Radio on 840 kHz in parallel with 7180 kHz (see entry for Eritrea).

Target broadcast to the Lake Chad Basin Region

Radio Ndarason International

RNI is a Short Wave radio service funded by international development agencies to help build community resilience following the Boko Haram insurgency in the region. Shortwave transmissions began on 24 February 2018. The station is based in N'djamena, Chad, and is the sister station of Radio Dandal Kura International (see target broadcasts to Nigeria). The vision of the station is "to establish an International Radio that will essentially tell the story of the Lake Chad Basin Region to the larger world in a way that it promotes peace and prosperity" and its mission is "to provide a veritable platform where people from all walks of life, irrespective of personal persuasions, will freely trade their views and ideas in such a way that would promote peace, peaceful coexistence and prosperity in the Lake Chad Basin Region as well as projecting the rich history, culture, concerns, aspirations and achievements of the peoples of this region to the world in a modern and professional way". It also broadcasts in N'djamena on 107.1 FM.

Transmitter site: Ascension Island (asc) - 250 kW; Woofferton, UK (wof) - 250 kW.

Times/UTC	Days	Languages	kHz
0500-0600	Daily	Kanuri, Kanembu and French	5960-asc
0600-0700	Daily	Kanuri, Kanembu and French	5960-asc
0700-0800	Daily	Kanuri, Kanembu and French	13810-wof
1800-2100	Daily	Kanuri, Kanembu and French	12050-asc

Comoros

Radio Comores is the national service of the Comoros. It currently broadcasts on FM. It was last reported on shortwave in 1997.

Democratic Republic of Congo

RTNC is the state broadcasting station in DRC with national and provincial services on FM only. It is believed that Radio Télé Candip in Bunia and Radio Kahuzi in Bukavu are the only shortwave radio stations currently operating in the DRC, with nothing at all on mediumwave.

Domestic broadcasting on shortwave

Radio Télé Candip

Radio Télé Candip is an educational radio station established in 1974. It has been controlled by rebel factions in the past.

Transmitter site: Bunia, Ituri Province, Eastern DRC - 1 kW.

Times/UTC	Languages	kHz
0250v-0700	French, Swahili, and local languages	5066.3
1300-1900v	French, Swahili, and local languages	5066.3

Radio Kahuzi (BESI)

Radio Kahuzi is operated by a Christian group called Believers Express Service, Inc (BESI). The station was established by Richard and Kathy McDonald and has been broadcasting from Bukavu since 1991 on FM. A 1 kW shortwave transmitter was added in February 2001, reaching a larger portion of Central Africa. For further information about the radio station, go to the Radio Kahuzi blogspot at <http://radiokahuzi.blogspot.com/>. Radio Kahuzi was observed in July 2018 on 6210 kHz by David Foster whilst on holiday in Uganda with a good signal; African music at 1735 on 20 July but had signed off by 1748 check. Irregular as not noted on other occasions while David was in East Africa ("Holiday DX with David Foster" in October 2018 edition of Australian DX News via DXLD).

Transmitter site: Bukavu, South Kivua Province, Eastern DRC - 0.8 kW.

Times/UTC	Days	Languages	kHz
0600-1800v	irregular	English, French, Swahili	6210

Republic of Congo

Radio Congo is the government-controlled broadcasting service of the Republic of Congo. Radio Congo operates during the daytime on shortwave but all other broadcasting in Congo is believed to be on FM only.

Domestic broadcasting on shortwave

Telediffusion du Congo - Radio Congo

The National Network is aired primarily on FM but Radio Congo maintains a shortwave transmitter for daytime coverage. characterised by its abrupt sign-off anywhere between 1830-1900.

Times/UTC	Languages	kHz	Note
0500-1830/1900v	French and local languages	6115	Sign-off time varies, often cut mid-sentence ...

Djibouti

Radiodiffusion Television de Djibouti is the state broadcasting service of Djibouti. Radio Djibouti currently operates on FM only with mediumwave and shortwave transmitters currently inactive, but these are expected to return after transmitter site relocation. Radio Djibouti has in the past operated in Arabic and Somali on 1539 and 4780 kHz and in Afar and French on 1161 kHz.

International relays on mediumwave

IBB Djibouti Transmitting Station

The IBB Djibouti Transmitting Station was opened in 2005. It currently carries Radio Sawa and the Voice of America.

Transmitter site: Dorale, Djibouti - 600 kW.

Times/UTC	Days	Service	Language	Target	kHz
1600-1630	Mon-Fri	Voice of America	Amharic	Horn of Africa	1431
1600-1630	Sat/Sun	Voice of America	Somali	Horn of Africa	1431
1645-0400	Daily	Radio Sawa	Arabic	North-West Africa/Arabian Peninsula	1431

Egypt

The Egyptian Radio and Television Union (ERTU) is owned by the Egyptian government. It operates an extensive broadcasting network of stations throughout Egypt. Only Radio Cairo is now broadcast on shortwave, all domestic services are on mediumwave and FM only. The General Programme was founded in 1934, and although intended primarily for a domestic audience, it had traditionally been broadcast until recently on shortwave for Arabic-speaking listeners outside of Egypt. The Voice of the Arabs was founded in 1953 and was once the most influential broadcast medium in the Arab World. Its 1000 kW mediumwave transmitter at Batra still reaches across a wide area of North Africa and the Middle East.

Domestic broadcasting on mediumwave

kHz	Service	Location	kW	Schedule (all in Arabic unless otherwise stated)
558	Educational Prgr	Cairo	100	1000-0000
603	Holy Qur'an Prgr	Sohag	50	0200-2200
621	Voice of the Arabs	Batra	1000	24h
702	South Upper Egypt R. El Wady El Gadid R.	Aswan El Kharga	10 10	0200-2200, also relay Holy Qur'an Prgr 0400-2200, also relay Youth/Sports & Holy Qur'an
711	Youth and Sports Prgr	Cairo	100	24h
756	South Upper Egypt R.	Qena	10	0200-2200, also relay Holy Qur'an Sce
774	Middle East Comm Prgr	Abis	500	24h
819	General Prgr	Batrah	1000	24h
864	Holy Qur'an Prgr	Santah	500	24h
882	General Prgr	Matruh	10	1100-0700 (Fri 24h)
918	General Prgr	Bawti	10	24h
936	Om Kalthoum Prgr General Prgr	Cairo Sallum	50 10	1500-2000 24h
981	North Upper Egypt R. General Prgr General Prgr	Asyut Abu Simbel Baris	10 1 1	0200-2200, also relay Holy Qur'an Prgr 24h 0300-0000
1008	Palestine/Tourist Prgrs North Upper Egypt R. General Prgr	El Arish Faiyum Farafra	100 10 1	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew 0400-2000 24h
1071	Adults Prgr	Cairo	100	0300-1500
1080	General Prgr General Prgr	El Minya Luxor	100 10	0300-0000 0300-0000
1161	Mid-Delta Prgr	Tanta	100	0400-2000
1179	General Prgr	Quena	10	0300-0000
1188	General Prgr	Ras Gharib	10	0300-0000
1278	General Prgr	Aswan	10	0300-0000
1305	General Prgr	Asyut	10	0300-0000
1314	General Prgr General Prgr South Upper Egypt R.	Hurghada Nag Hamadi Abu Simbel	10 1 1	0300-0000 0300-0000 0200-2200, also relay Holy Qur'an Prgr
1341	Songs/Cultural Prgr HQ/Y&S/Educ. Prgrs General Prgr	Cairo Bawiti Siwa	100 10 10	0500-1700 Songs Prgr, 1700-0100 Cultural Prgr 0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr 24h
1341	General Prgr	Idfu	10	0300-0000
1350	General Prgr	Qusayr	10	0300-0000
1368	General Prgr HQ/Y&S/Educ. Prgrs	El Kharga El Farafra	10 10	0300-0000 0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1386	South Upper Egypt R. General Prgr	Luxor Baranis	10 1	0200-2200, also relay Holy Qur'an Prgr 0300-0000
1422	HQ/Y&S/Educ. Prgrs Matruh R.	Gharib Salum	10 10	0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr 0200-2200, also relay Holy Qur'an Prgr
1476	North Upper Egypt R.	El Minya	10	0200-2200, also relay Holy Qur'an Prgr
1503	Holy Qur'an Prgr	El Arish	25	0600-2200
1575	HQ/Y&S/Educ. Prgrs	Al-Qusayr	10	0200-0500 Holy Qur'an Prgr, 0500-1300 Youth & Sports Prgr, 1300-2000 Educational Prgr, 2000-2200 Holy Qur'an Prgr
1584	South Upper Egypt R. El Wady El Gadid R.	Idfu Baris	10 1	0200-2200, also relay Holy Qur'an Prgr 0400-2200, also relay Youth/Sports & Holy Qur'an
1593	Matruh R.	Matruh	10	0200-2200, also relay Holy Qur'an Prgr
1602	South Upper Egypt R. Matruh R.	Nag Hamadi Siwa	10 10	0200-2200, also relay Holy Qur'an Prgr 0200-2200, also relay Holy Qur'an Prgr

External broadcasting on shortwave

Radio Cairo

Radio Cairo is the external service of Egyptian radio.

Transmitter sites: Abis - 100/125 kW.

Times/UTC	Days	Language	Target	kHz
0400-0600	Daily	Swahili	East Africa	9480
1300-1400	Daily	Dari	West Asia	15630
1400-1600	Daily	Pashto	West Asia	12065
1500-1600	Daily	Albanian	South-East Europe	9610
1600-1800	Daily	Swahili	East Africa	15310
1700-1900	Daily	Turkish	South-East Europe	9940
1800-1900	Daily	Italian	Southern Europe	9540
1800-2100	Daily	Hausa	West Africa	15310
1900-2000	Daily	Russian	Russia	9590
1900-2000	Daily	German	Central Europe	9570
2000-2115	Daily	French	Western Europe	9900
2115-2245	Daily	English	Western Europe	9900
2215-2330	Daily	Portuguese	South America	12010 (subject to confirmation)
2330-0045	Daily	Arabic	South America	12010 (subject to confirmation)
0045-0200	Daily	Spanish	The Americas	12010 (subject to confirmation)

Note: Many transmissions have severe technical problems such as extreme distortion, low modulation or undermodulation.

Mystery Egyptian music station

A station playing Egyptian music has been heard for a while now and is regularly monitored by Ivo Ivanov and Richard Langley, with regular reports appearing in DXLD. The station does not appear to operate to any apparent schedule and its purpose is unclear. Some recent monitoring observations have confirmed it on 9400, 9550 or 9600 kHz around 0900 UTC.

Equatorial Guinea

Radio Televisión de Guinea Ecuatorial (RTVGE) is the state-operated broadcasting service in Equatorial Guinea.

Domestic broadcasting on shortwave

Radio Bata

Radio Bata is a RTVGE station located on mainland Rio Muni. It's 50 kW shortwave transmitter is irregularly heard.

Transmitter site: Bata, Rio Muni - 50 kW.

Languages: Spanish, Bubi and Fang.

Times/UTC	kHz
0500v-1700/1800v	5005

Radio Malabo

Radio Malabo is a RTVGE station located on Bioko Island. A new 20 kW transmitter and antenna was inaugurated for Radio Malabo in November 2007 (replacing an existing 10 kW unit) but since 2011 there had been no positive reports of the station until 26 July 2017. Although heard widely on 6250 kHz for a few days it was seemingly silent again by 30 July 2017 and has not been reported since.

Eritrea

Voice of the Broad Masses of Eritrea (Dimtsi Hafash) is state run and operates two networks with programmes in nine Eritrean ethnic languages (Tigrinya, Arabic, Tigre, Kunama, Saho, Afar, Bilen, Hedareb and Nara), as well as Amharic, Oromo and Somali. Prior to the defeat of the Mengistu regime in Ethiopia in 1991, it had operated as a clandestine radio station supporting the Eritrean People's Liberation Front and other opposition groups.

Domestic broadcasting on mediumwave and shortwave

Voice of the Broad Masses of Eritrea - Programme 1

Programme 1 is the main service of Eritrean radio. It currently operates off-channel on mediumwave on 950 kHz and also irregularly on shortwave 7140 kHz.

Transmitter site: Asmara-Salai Dairo: 100 kW on both mediumwave and shortwave

Languages: Tigrinya, Tigre and Kunama

Times/UTC	MW/kHz	SW/kHz
0300-0700	950	7140
0930-1100	950	7140
1400-1830	950	7140

Voice of the Broad Masses of Eritrea - Programme 2

Programme 2 is a service for the minority groups in Eritrea. Like Programme 1, it operates off-channel on mediumwave on 850 kHz and irregularly on shortwave 7180 kHz. Programmes hostile to the Ethiopian government had also been broadcast on this service in the past resulting in heavy jamming by Ethiopia, but that has now ceased following the peace agreement.

Transmitter site: Asmara-Salai Dairo: 100 kW on both mediumwave and shortwave

Languages: Arabic, Afar, Amharic, Oromo, Saho, Bilen, Hedareb, Nara and Somali

Times/UTC MW/kHz SW/kHz

0300-0700 840 7180

0930-1100 840 7180

1400-1830 840 7180

Target broadcasts to Eritrea

Broadcasts from Ethiopia

At a summit on 8 July 2018 in Asmara, Eritrea's President Isaias Afewerki and Ethiopia's Prime Minister Abiy Ahmed pledged to restore diplomatic relations and open their borders to each other. The following day, they signed a joint declaration formally ending the Eritrean-Ethiopian border conflict. Another peace agreement was signed in Jeddah, Saudi Arabia, on 16 September 2018. As a result, the broadcasting of programmes hostile to each other has ceased. In the case of programmes directed to Eritrea, these had been broadcast over the External Service of Radio Ethiopia.

Sawt al Samoud (Voice of Steadfastness)

Sawt al Samoud is a weekly broadcast in Tigrinya and Arabic that started on 1 December 2018. It is brokered by Radio Miami International but further details as to the origin and purpose of it are subject to confirmation. At the request of Dave Kenny, Chris Greenway asked a colleague at BBC Monitoring to translate a recording of the opening announcement in Arabic and the best translation of Samoud is considered to be "Steadfastness"; "Resistance" could also work but there's another word for that - "muqawamah". The Arabic announcement says "Eritrean Voice of Steadfastness Radio greets you via short and mediumwave, so stay tuned" (note the reference to mediumwave).

Transmitter site: Issoudun, France - 150 kW (brokered by Radio Miami International)

Times/UTC Days Language kHz

1500-1520 Sat Tigrinya 17545

1520-1600 Sat Arabic 17545

Radio Erena - Radio Eritrea International

Radio Erena ("Our Eritrea") is a Paris-based Tigrinya-language radio station broadcasting by satellite to Eritrea, which added shortwave broadcasts in November 2012.

Transmitter site: Kostinbrod, Bulgaria - 50 kW

Times/UTC Days Language kHz

1700-1730 Daily Tigrinya 9720

1730-1800 Mon-Fri Arabic 9720

1730-1800 Sat/Sun Tigrinya 9720

Ethiopia

The Ethiopian Broadcasting Corporation (EBC) is the state broadcasting service in Ethiopia. It operates a national service on FM and mediumwave, and several regional stations on mediumwave, shortwave and FM. EBC national and external services identify as Radio Ethiopia.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
684	Radio Ethiopia National Service	Metu, Oromiya	100	0300-2100
801	Amhara State Regional Radio	Bahir Dar, Amhara	100	0300-0600, 0900-1100, 1400-1900
828	Radio Ethiopia National Service	Arba Minch, SNNPR	100	0300-2100
837	Radio Oromiya	Robe, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
855	Radio Ethiopia National Service	Harar, Harari	100	0300-2100
873	Radio Ethiopia National Service	Addis Ababa	100	0300-2100
891	Radio Ethiopia National Service	Dese, Amhara	100	0300-2100
918	Radio Wegahta	Mekele, Tigray	100	see target broadcasts to Eritrea
954	Sidama Community Radio	Irgalem, SNNPR	2.5	current status subject to confirmation
972	Radio Ethiopia National Service	Robe, Oromiya	100	0300-2100
989	Radio Ethiopia External Service	Addis Ababa	1	not known if still on air
1035	Radio Oromiya	Adama, Oromiya	10	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1044	Radio Ethiopia National Service	Mekele, Tigray	100	0300-2100
1053	Radio Oromiya	Nekemte, Oromiya	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1080	Fana Broadcasting Corporation	Addis Ababa	3	0300-1900
1359	Voice of Tigray Revolution	Mekele, Tigray	100	0300-2000
1485	Radio Ethiopia National Service	Negele, Oromiya	10	0300-2100

External broadcasting on shortwave

Ethiopian Broadcasting Corporation (Radio Ethiopia)

Radio Ethiopia's External Service broadcasts in the regional languages of Somali, Afar, and Arabic.

Transmitter site: Addis Ababa (Geja) - 100 kW.

Times/UTC	Days	Language	Target	kHz
1200-1300	Daily	Somali	Horn of Africa/Middle East	7236.8v
1300-1400	Daily	Afar	Horn of Africa/Middle East	7236.8v
1400-1500	Daily	Arabic	Horn of Africa/Middle East	7236.8v
1600-1700	Daily	Amharic	Horn of Africa/Middle East	7236.8v

Ethiopian regional stations on mediumwave and shortwave

Somali Regional State Radio

Somali Regional State Radio is the official broadcasting station of the Ethiopian Somali Regional State.

Transmitter site: Jijiga, Somali Regional State.

Times/UTC	Days	Main languages	kHz
0400-0510+	irregular	Somali and Amharic	5940
1300-1500	irregular	Somali and Amharic	5940
1810-2000	irregular	Somali and Amharic	5940

Voice of the Tigray Revolution (Dimtsi Woyane Tigray)

Voice of the Tigray Revolution is the official broadcasting station of the Tigray Region.

Transmitter site: MW: Mek'ele, Tigray - 100 kW; SW: Addis Ababa (Geja) - 100 kW.

Times/UTC	Days	Main languages	kHz
0300-1730	Daily	Tigrinya and Amharic	1359 5950
1730-2000	Mon-Fri	Tigrinya and Amharic	1359 5950

Radio Oromiyya

Radio Oromiyya is the official broadcasting station of the Oromiyya Region.

Transmitter site: MW: Robe, Oromiya - 100 kW (on 837 kHz); Adama, Oromiya - 10 kW (on 1035 kHz);

SW: Addis Ababa (Geja) - 100 kW.

Times/UTC	Days	Main languages	kHz
0300-0600	Daily	Oromo and Amharic	837 1035 6030
0600-0900	Sat/Sun	Oromo and Amharic	837 1035 6030
0900-1100	Daily	Oromo and Amharic	837 1035 6030
1100-1530	Sat/Sun	Oromo and Amharic	837 1035 6030
1530-2000	Daily	Oromo and Amharic	837 1035 6030

Amhara Regional State Radio

Amhara Regional State Radio is the official broadcasting station of the Amhara Region. **Transmitter site:** MW: Bahir Dar, Amhara - 100 kW; SW: Addis Ababa (Geja) - 100 kW.

Times/UTC	Days	Main Languages	kHz
0300-0600	Daily	Amharic, Awinya, Himtinya and Oromo	801 6090
0900-1100	Daily	Amharic, Awinya, Himtinya and Oromo	801 6090
1400-2100	Daily	Amharic, Awinya, Himtinya and Oromo	801 6090

Fana Broadcasting Corporate S.C.

Radio Fana (Fana is Amharic for "Torch"), now known as Fana Broadcasting Corporate S.C.,

Transmitter site: Addis Ababa - MW: 3 kW; SW: 100 kW; also operates throughout Ethiopia on FM.

Times/UTC	Days	Main Languages	kHz
0300-2100	Daily	Amharic, Oromo, Somali and Afar	1080 6110

Target broadcasts to Ethiopia

Broadcasts from Eritrea

At a summit on 8 July 2018 in Asmara, Eritrea's President Isaias Afewerki and Ethiopia's Prime Minister Abiy Ahmed pledged to restore diplomatic relations and open their borders to each other. The following day, they signed a joint declaration formally ending the Eritrean-Ethiopian border conflict. Another peace agreement was signed in Jeddah, Saudi Arabia, on 16 September 2018. As a result, the broadcasting of programmes hostile to each other has ceased. In the case of programmes directed to Ethiopia, these had been broadcast over Programme 2 of Eritrean Radio.

Radiyoo Warra Wangeelaa

Radiyoo Warra Wangeelaa is a weekly Oromo Gospel radio programme to the Horn of Africa.

Transmitter site: Kostinbrod, Bulgaria - 100 kW.

Times/UTC	Days	Language	kHz
1500-1530	Sat	Oromo	15515

Radio Xoriyo (Radio Freedom)

Broadcasts in support of the Ogaden National Liberation Front, a Somali group whose aim is to liberate the Ogaden region from Ethiopian control. It was first heard on shortwave in May 2000.

Transmitter site: Issoundun, France - 500 kW.

Times/UTC	Days	Language	kHz
1600-1630	Tue/Sat	Somali	11970
1600-1630	Mon/Fri	Somali	17770

Radio Voice of Independent Oromia

First broadcast on shortwave on 3 April 2016.

Transmitter Site: Issoundun, France - 100 kW.

Times/UTC	Days	Language	kHz
1600-1630	Sun	Oromo	17850

Voice of Oromo Liberation (SBO)

Broadcasts in support of the Oromo Liberation Front, which seeks secession of Oromo state from Ethiopia. It was originally sponsored by Sudan but since 1992 has bought airtime on commercial transmitters around the world.

Transmitter site: Nauen, Germany - 100 kW.

Times/UTC	Days	Language	kHz
1700-1730	Wed/Fri/Sun	Oromo	9610
1730-1800	Wed	Amharic	9610

International broadcasts to Eritrea and Ethiopia

BBC

The BBC initially launched website and Facebook content in Amharic, Afaan Oromo and Tigrinya in September 2017, with shortwave radio services inaugurated on 29 January 2018. The radio services provide impartial news, current affairs, features and analysis for Ethiopia and Eritrea, as well as regional and international news.

Transmitter sites: A'Seela, Oman (250 kW); Dhabbaya, UAE (dha) - 250 kW; Meyerton, South Africa (mey) - 250 kW.

Times/UTC	Days	Language	kHz
1730-1750	Mon-Fri	Amharic	9600-sla 11720-dha 12095-mey
1750-1810	Mon-Fri	Oromo	9600-sla 11720-dha 12095-mey
1810-1830	Mon-Fri	Tigrinya	9600-sla 11720-dha 12095-mey
1830-1850	Mon-Fri	Amharic	7505-sof 9600-sla 9885-mey (repeat of 1730)
1850-1910	Mon-Fri	Oromo	7505-sof 9600-sla 9885-mey (repeat of 1750)
1910-1930	Mon-Fri	Tigrinya	7505-sof 9600-sla 9885-mey (repeat of 1810)

Note: the last five minutes of each broadcast features content produced by BBC Learning English.

Deutsche Welle

Transmitter sites: Dhabbaya, UAE (dha) - 250 kW; Issoundun, France (iss) - 500 kW.

Times/UTC	Days	Language	kHz
1600-1700	Daily	Amharic	13780-dha 15275-iss

Voice of America

Transmitter sites: MW: Djibouti (dji) - 600 kW; SW: Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW; Meyerton, South Africa (mey) - 100 kW; Woofferton, UK (wof) - 300 kW;

Times/UTC	Days	Language	kHz
1600-1630	Mon-Fri	Amharic	1431-dji
1700-1730	Mon-Fri	Amharic	11690-sao 15580-bot
1730-1800	Mon-Fri	Oromo	9485-wof 12040-mey 13765-kwt
1800-1900	Daily	Amharic	9485-wof 12040-mey 13765-kwt
1900-1930	Mon-Fri	Tigrinya	9485-wof 12040-dha 13765-kwt

Gabon

Radio Television Gabonaise (RTG) is the state broadcasting service in Gabon. It was last heard on shortwave in 2008. The Provincial Network may still operate on mediumwave (Oyem on 549 kHz, 20 kW) but this is subject to confirmation. Otherwise all broadcasting in Gabon is now on FM.

The Moyabi Transmitting Station was inaugurated in 1979 and over the years hosted Africa No 1, the commercial service for French-speaking Africa operating from studios in Libreville, as well as relays of Radio France Internationale, Swiss Radio International and Radio Japan, and others. At the end of the B-07 season, Radio Japan discontinued the last remaining relay by an international broadcaster, whilst Africa No 1 has not been reported on 9580 kHz since May 2013.

The Gambia

The Gambia Radio and Television Service (GRTS) is the state broadcasting station in The Gambia. All domestic broadcasting in The Gambia is now on FM only.

Ghana

Ghana Broadcasting Corporation (GBC) is the public broadcasting service in Ghana. It operates two national and ten regional channels, all on FM only. GBC was last reported on shortwave in 2007. All private broadcasting in Ghana is also on FM only.

Guinea

Radio-Télévision Guinéenne (RTG) RTG is the state broadcasting service of Guinea. It operates mainly on FM in Guinea and also on shortwave.

Radio-Télévision Guinéenne

Having been inactive on shortwave since at least September 2012, Radio Guinée made a surprise appearance on shortwave for the first time in several years on the evening of 15 April 2016. Several weeks later, Radio Guinée reappeared on 9650 kHz on Friday 5 August 2016 and has since been regularly heard.

Transmitter site: Conakry-Sinfonia - 50 kW.

Times/UTC	Days	Language	kHz
0600-0000	Daily	French	9650

Guinea-Bissau

Radiodifusão Nacional da República de Guiné-Bissau is the state broadcasting service in Guinea-Bissau operating on FM only. It was last reported on shortwave in 1987.

Ivory Coast

Radiodiffusion-Télévision Ivoirienne is the state broadcasting service of Ivory Coast. It operates on FM only. It was last reported on shortwave in 1996.

Kenya

Kenya Broadcasting Corporation

KBC is the state broadcasting service in Kenya. KBC operates services on mediumwave and FM. The last KBC service on shortwave was discontinued in 2006. All private broadcasting in Kenya is also on FM.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
558	Western Service	Kapsimotwa	25	0300-1905 in local languages from Kisumu studios
567	Radio Taifa	Garissa	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
612	Radio Taifa	Ngong	100	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
639	Iftiin FM	Garissa	50	current status subject to confirmation, Facebook page only mentions FM freqs and 1305 kHz, not 639 kHz ...
675	Radio Taifa	Marsabit	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
747	Mwatu FM/Nosim FM	Ngong	100	0200-2100 with Mwatu FM in Kamba and Nosim FM in Masai
1107	Radio Taifa	Maralal	100	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
1152	Radio Taifa	Wajir	50	0200-2110 in Swahili; includes CRI Swahili at 1905-2000
1233	English/NE Service	Marsabit	50	0200-2110 in English/local; CRI English at 1700-1800
1305	Iftiin FM	Wajir	50	Prgrs in Somali
1386	English/NE Service	Maralal	100	0200-2110 in English/local; CRI English at 1700-1800

Lesotho

The Lesotho National Broadcasting Service is the state broadcasting service in Lesotho. It operates two services on mediumwave. LNBS was last heard on shortwave in early 2004. All other broadcasting in Lesotho is on FM only.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
639	LNBS - Radio Lesotho	Lancer's Gap, Maseru	100	24h in Sesotho and English
891	The Ultimate Radio	Lancer's Gap, Maseru	100	24h in English (with youth-orientated prgrs)
1197	The Ultimate Radio	Lancer's Gap, Maseru	100	24h in English (with youth-orientated prgrs)

Liberia

Liberia Broadcasting System (LBS) LBS is the public broadcasting service in Liberia. It currently operates on FM only. All private broadcasting in Liberia is also on FM, with the exception of Radio ELWA who are also on shortwave.

Regional broadcasting on shortwave

Radio ELWA

Radio ELWA is a Christian radio station in Monrovia. After having its facilities destroyed in the Liberian civil war, a 1 kW shortwave transmitter built by HCJB Global was installed in 2000 (for 4760 kHz) and a 5 kW shortwave transmitter built by Elcor in 2008 (for 6070 kHz). In early 2011, both shortwave transmitters were inactive due to the theft of copper wire for the antenna and other equipment. In November 2011 it was reported that the Radio ELWA studio compound in Monrovia had been completely destroyed by fire, although they remained on air on FM from a temporary building. On 21 December 2013, Radio ELWA resumed shortwave transmissions on 4760 kHz. However, it has been irregular on this frequency since March 2014. In December 2014, a second transmitter was noted on 6050 kHz.

Transmitter site: Monrovia - 1 kW.

Times/UTC	Days	Language	kHz
0530-1000	Daily	English/local languages	6050
1700-0000(2230sa/su)	Daily	English/local languages	6050

Libya

The Libyan Radio and Television Network is the replacement for the Gaddafi-era Libyan Jamahiriya Broadcasting. With the exception of the two mediumwave frequencies mentioned below, all Libyan National Radio stations, as well as private and factional radio stations, are now on FM.

In the period following the fall of the Gaddafi regime, Radio-Television Libya was first heard in October 2011 with an external service in French on 11600 kHz and this was the replacement for the Gaddafi-era Voice of Africa. In September 2012, French was replaced by an Arabic service but this has not been heard since September 2013.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
675	Libyan National Radio	Benghazi	100	24h in Arabic
1053	Libyan National Radio	Tripoli	100	24h in Arabic

Madagascar

Radio Madagasikara - Radio Nacional Malagasy (RNM) is the state-run broadcasting service in Madagascar. It operates on mediumwave, shortwave and FM. All private broadcasting in Madagascar is on FM only.

Domestic broadcasting on mediumwave and shortwave

Radio Madagasikara - Radio Nacional Malagasy

RNM shortwave transmissions appear to be less reliable than they were years ago, but Radio Madagasikara has been heard irregularly on both 5010 and 6135 kHz in recent times.

Transmitter sites: MW: Antananarivo - 50 kW; SW: Fenoarivo - 10 kW.

Times/UTC	Days	Language	Target	kHz
0300-0500	Daily	Malagasy/French	Domestic	630 5010v
0500-1500	Daily	Malagasy/French	Domestic	630 6135
1500-1900	Daily	Malagasy/French	Domestic	630 5010v
1900-2200	Sat/Sun	Malagasy/French	Domestic	630 5010v

International relays on shortwave

World Christian Broadcasting - Madagascar World Voice

Madagascar World Voice is a shortwave radio station located in Mahajanga. The station began transmissions in 2016 and is operated by World Christian Broadcasting as a sister station of KNLS in Alaska.

Transmitter site: Mahajanga - 2 x 100 kW.

Times/UTC	Days	Language	Programme	Target	kHz
0200-0300	Daily	Spanish	La Voz Alegre	South America	6190
0200-0300	Daily	English	Your New Life Station	South Asia	15510
0300-0400	Daily	Spanish	La Voz Alegre	South America	6180
0300-0400	Daily	English	Your New Life Station	South Asia	15510
0400-0500	Daily	English	African Pathways Radio	Central Africa	11825
0400-0500	Daily	Chinese	The Light of Life	East Asia	17530
1800-1900	Daily	Russian	Your New Life Station	Eastern Europe	11885
1800-1900	Daily	English	African Pathways Radio	West Africa	13670
1900-2000	Daily	Russian	Your New Life Station	Eastern Russia	9690
1900-2000	Daily	Arabic	Radio Feda	North Africa	11965
2000-2100	Daily	English	African Pathways Radio	West Africa	11965
2000-2100	Daily	Arabic	Radio Feda	North Africa	13710
2100-2200	Daily	Chinese	The Light of Life	Western Europe	11610
2100-2200	Daily	Portuguese	La Voz Alegre	South America	11965
2200-2300	Daily	Arabic	Radio Feda	North Africa	11790
2200-2300	Daily	Chinese	The Light of Life	East Asia	11965

Madagascar Global Relay Station

The relay station at Talata-Volonondry went into full operation in mid-1972 and was owned and operated by Radio Netherlands until 2012 when ownership was passed to Malagasy Global Business S.A.

Transmitter site: Talata-Volonondry - 50/125/250 kW.

Times/UTC	Days	Station	Language	Target	kHz
0200-0230	Th/Sa/Su	Bible Voice	English	South Asia	11790
0300-0400	Daily	AWR	Malagasy	Madagascar	6065
0315-0400	Daily	NHK Radio Japan	Swahili	East Africa	9560
0330-0400	Daily	Radio Tamazuj	Sudanese languages	Sudan	6020
0400-0430	Daily	BBC	Somali	Horn of Africa	11995
0400-0500	Daily	BBC	English	East Africa	9915
0400-0500	Sun-Thu	Eye Radio	Sudanese Arabic	South Sudan	11620
0430-0500	Daily	Radio France Int.	Swahili	East Africa	9665
0500-0600	Daily	BBC	English	East Africa	12095
0530-0600	Daily	NHK Radio Japan	French	Central Africa	13840
0530-0600	Daily	Radio France Int.	Swahili	East Africa	11790
0600-0800	Daily	BBC	English	East Africa	15400
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	15275
1200-1230	Sat	Bible Voice	English	East Asia	21480
1200-1300	Daily	Radio France Int.	French	Africa	21690
1230-1245	Sun	Bible Voice	English	East Asia	21480 (1st / 3rd Sunday)
1300-1400	Daily	AWR	Vietnamese	South-East Asia	17605
1400-1430	Daily	AWR	Sinhalese	South Asia	15255
1400-1500	Daily	AWR	Malagasy	Madagascar	6055
1400-1500	Daily	BBC	Somali	East Africa	12095
1430-1500	Daily	NHK Radio Japan	Hindi	South Asia	15720
1500-1530	Daily	Radio Tamazuj	Sudanese languages	Sudan	11705
1500-1530	Daily	AWR	Punjabi	South Asia	15150
1500-1600	Daily	BBC	English	East Africa	12095
1530-1600	Daily	AWR	Hindi	South Asia	15680
1530-1600	Daily	AWR	Malayalam	South Asia	17730
1600-1615	Sat	Vatican Radio	Swahili	East Africa	11625
1600-1630	Daily	AWR	English	South Asia	17730
1600-1630	Sun-Fri	Vatican Radio	Swahili	East Africa	11625
1600-2000	Daily	BBC	English	East Africa	7445
1615-1630	Sat	Vatican Radio	Somali	Horn of Africa	11625
1630-1700	Daily	Vatican Radio	English	Southern Africa	11625
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	15420
1700-1728	Daily	AWR	Swahili	East Africa	11720
1729-1800	Daily	NHK Radio Japan	Swahili	East Africa	13730
1730-1800	Daily	AWR	Tigrinya	Horn of Africa	11625
1800-1900	Sat	Radio Itahuka	Kinyarwanda	Great Lakes	15420
1900-2000	Daily	AWR	Arabic	N Africa/M East	11985

Times/UTC	Days	Station	Language	Target	kHz
2000-2030	Daily	AWR	French	North Africa	9515
2000-2030	Daily	AWR	Mossi (Moore)	West Africa	17570
2030-2100	Daily	NHK Radio Japan	French	Central/West Africa	9855

Malawi

Malawi Broadcasting Corporation

MBC is the state broadcasting station in Malawi. It operates on MW and FM. MBC was last heard on SW in 2002.

Domestic broadcasting on mediumwave

MBC Radio 1

schedule: 24h in English and Chichewa.

kHz	Location	kW	kHz	Location	kW
540	Mangochi, Southern Region	10	756	Blantyre, Southern Region	10
558	Karonga, Northern Region	10	810	Bangula, Southern Region	10
594	Lilongwe, Central Region	30	1404	Chitipa, Northern Region	10
675	Ekwendeni, Northern Region	50	1422	Matiya, Southern Region	10

Mali

Office de Radiodiffusion-Television du Mali (ORTM) is the state-operated broadcasting service in Mali. It operates on FM in the main cities and towns of Mali and continues to operate on shortwave throughout the day on 5995 and 9635 kHz. All private broadcasting in Mali is also on FM only.

Domestic broadcasting on shortwave

ORTM - Radio Mali

This last remaining shortwave transmitter of ORTM appears to be in poor condition with little modulation.

Transmitter site: Bamako - 100 kW.

Times/UTC	Languages	kHz
0555-0800	French, Bambara and local languages	5995
0800-1800	French, Bambara and local languages	9635
1800-0000	French, Bambara and local languages	5995

International relays on shortwave

China Radio International Relay Station

China Radio International has used two 100 kW shortwave transmitters belonging to ORTM since 1988 for relays to Africa in various languages. However, these have been off-air since mid-2017.

Target broadcast to Mali

Voice of America - Mali Kura (New Mali)

Mali Kura was launched by VOA on 4 March 2013 in response to the situation in Mali.

Transmitter sites: Selebi Phikwe, Botswana (bot) - 100 kW; Ascension Island (asc) - 250 kW.

Times/UTC	Days	Language	kHz
2130-2200	Mon-Fri	Bambara	5885-bot 9485-bot 12075-bot 15120-asc

Mauritania

Radio Mauritanie is the state-operated broadcasting service.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
783	Radio Mauritanie	Nouakchott	50	currently off air

Radio Mauritanie is currently off-air on mediumwave. In reply to a query from Mark Connelly as to whether 783 kHz is currently off-air, Mauno Ritola replied "Surprisingly Radio Mauritanie replied to my Arabic speaking friend about this (machine translation): "We apologise for the current interruption to broadcast on the medium wave, but the interests concerned are trying as quickly as possible to lift the malfunction". (Mark Connelly, MA, 24 August 2018, IRCA via DXLD and Mauno Ritola, Finland, IRCA via DXLD). Radio Mauritanie was last heard on shortwave in 2012.

Mauritius

Mauritius Broadcasting Corporation (MBC) is the public broadcasting service in Mauritius and operates two services on mediumwave and FM, whilst a 24 hour relay of the BBC World Service is also aired on mediumwave.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
684	RM1, Radio Maurice	Malherbes	10	24h; French
819	RM2, Radio Mauritius	Malherbes	10	24h in Indian languages
1575	BBC World Service relay	Bigara	2	24h in English

Mayotte

Mayotte Première is the public broadcasting station on Mayotte. It is broadcast on mediumwave and FM on Mayotte.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
1458	Mayotte Première	Pamandzi	5	0000(0145su)-1900(1830su) in French and Mahorian

Melilla

All broadcasting in the Spanish enclave of Melilla is on FM with the exception of RNE and SER which can be heard on 972 and 1475 kHz mediumwave.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
972	RNE Radio Nacional	Melilla	5	24h in Spanish; regional prgrs: Mon-Fri: 0625-0630, 0650-0700, 1210-1300; Sat/Sun: 1230-1300 (one hour earlier in summer)
1485	SER, Radio Melilla	Melilla	1	24h in Spanish

Morocco

Société Nationale de Radiodiffusion et de Télévision (SNRT) is the public broadcasting service in Morocco. SNRT's Radio Marocaine operates on FM throughout the country with several mediumwave transmitters on air for nationwide coverage. Shortwave transmissions have been discontinued with them last being reported in mid-2012.

Domestic broadcasting on longwave and mediumwave

kHz	Station	Location	kW	Schedule
207	SNRT National Network	Azilal	400	Currently inactive (see below)
540	SNRT National Network	Sidi Bennour	600	24h in Arabic, including Tangier regional prgrs
595	SNRT National Network	Oujda	50	24h in Arabic, including Oujda regional prgrs
612	SNRT National Network	Sebaâ-Aioun	300	24h in Arabic, including Fès and Meknés regional prgrs
711	SNRT Regional Service	Laâyoune	300	Laâyoune and Dakhla regional prgrs
936	SNRT National Network	Agadir	400	24h in Arabic, including regional prgrs in Berber languages

New LW transmitter planned for 207 kHz: After interruptions in broadcasting due to breakdowns, the longwave transmitter located between Azilal and Ait in the centre of Morocco will be replaced. A tender was launched for an AM/DRM radio transmitter with a power of 800 kW configured in two blocks of 400 kW and for the repair of the mast 300.50m high. The names of the companies that won the offer will be known in a few days. The station broadcasting on 207 kHz is Al Ida Al Watania [SNRT National Network], a general radio which offers varied programmes ranging from information to culture through to entertainment, with a variety of musical programming. (Radios du Monde via WRTH Facebook, 26 July 2017)

International broadcasting on longwave

Radio Méditerranée Internationale - Medi 1

Medi 1 is a private commercial radio network based in Tangiers that first went on air in 1980. It broadcasts throughout the Maghreb on longwave 171 kHz and programmes are in both Arabic and French. Jean-Michel Aubier (via DXLD) reported on 10 July 2017 that according to an email sent by Abdellah El-atmami (at the Nador transmitting station), Medi 1 had stopped shortwave transmissions for good (it had broadcast on 9575 kHz for many years).

Transmitter site: Nador - 250 kW.

Times/UTC	Languages	kHz
24 hours	Arabic and French	171

Mozambique

Radio Mozambique is the state broadcaster of Mozambique. RM currently broadcasts on mediumwave and FM. All shortwave transmitters were officially decommissioned in 2001. The Antena Nacional outlet on 738 kHz has been inactive in recent years but several provincial stations still operate on mediumwave throughout the country.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
765	Emissão Provincial de Nampula	Nampula	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
810	Emissão Provincial de Gaza	Xai-Xai	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
873	Emissão Provincial de Sofala	Beira	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
963	Emissão Provincial de Tete	Tete	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1008	Emissão Provincial de Maputo	Maputo	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1026	Emissão Provincial de Manica	Chimoio	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1179	Emissão Provincial de Zambezia	Quelimane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1206	Emissão Provincial de Inhambane	Inhambane	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1224	Emissão Provincial de Cabo Delgado	Pemba	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.
1260	Emissão Provincial do Niassa	Lichinga	50	0240-2100 in Portuguese; 2100-0240 relay Antena Nac.

Namibia

Namibia Broadcasting Corporation is the state broadcasting service and operates several services on FM throughout Namibia. NBC was last heard on shortwave in 2004.

Niger

ORTN is the state-operated broadcasting service in Niger. It currently operates on FM only. La Voix du Sahel was last heard on shortwave on 9705 kHz in 2012.

Nigeria

Federal Radio Corporation of Nigeria (FRCN) is Nigeria's publicly funded radio broadcasting organisation. Among its subsidiaries are the domestic radio network known as Radio Nigeria and the Voice of Nigeria international radio service.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
540	Sokoto State Media Corporation, Rima Radio	Sokoto, Sokoto State	50	0430-2305
549	Ekiti State Broadcasting Corporation	Ado, Ekiti State	25	0430-2305
567	FRCN Radio Nigeria Ibadan	Alaho, Oyo State	50	0430-2305
	Imo Broadcasting Corporation	Owerri, Imo State	50	0425-2305
576	FRCN Radio Nigeria Ibadan	Moniya, Oyo State	25	0430-2305
594	FRCN Radio Nigeria Kaduna, Channel 1	Jaji, Kaduna State	200	0400-2305 in Hausa // 6090v
603	Borno Radio & Television Corporation	Maiduguri, Borno State	50	0400-2305
	Ogun State Broadcasting Corporation	Abeokuta, Ogun State	25	0400-0000
612	Kwara State Broadcasting Corporation	Ilorin, Kwara State	50	0400-2305
639	Kaduna State Media Corporation	Katabu, Kaduna State	25	0430-2330
657	FRCN Radio Nigeria Ibadan	Ibadan, Oyo State	100	0430-2305
729	Kano State Broadcasting Corporation, Prgr 1	Jogana, Kano State	50	0430-2320
747	Nagarta Radio, Voice of Unity	Katabu, Kaduna State	60	0430-2305
756	Oyo State Broadcasting Corporation	Ibadan, Oyo State	100	0400-2200
801	Yobe State Broadcasting Corporation	Damaturu, Yobe State	20	0500-2300
	Radio Kebbi	Zuru, Kebbi State	1	0500-2300
828	FRCN Radio Nigeria Enugu	Enugu, Enugu State	25	0430-2315
909	FRCN Radio Nigeria Abuja	Gwagwalada, FCT	50	0530-2305
917	Radio Gotel	Yola, Adamawa State	50	0500-2305
918	Radio Benue	Makurdi, Benue State	50	0430-2305
945	Radio Kebbi	Birnin Kebbi, Kebbi State	10	0500-2300
972	Katsina State Radio	Katsina, Katsina State	25	0430-2300
	Radio Kogi	Otiite, Kogi State	10	0500-2300
990	Bauchi Radio Corporation, Programme 1	Bauchi, Bauchi State	40	0430-2300
	Lagos State Broadcasting Corporation	Ikeja, Lagos State	10	0430-0005

kHz	Station	Location	kW	Schedule
1008	Osun State Broadcasting Corporation	Iree, Osun State	10	0500-2300
	Niger State Media Corporation	Kontagora, Niger State	10	0430-2130
1026	Jigawa Broadcasting Corporation	Dutse, Jigawa State	25	0500-2205
1107	FRCN Radio Nigeria Kaduna, Channel 2	Jaji, Kaduna State	25	0400-2300
1134	Cross River State Broadcasting Corporation	Ogoja, Cross River State	10	0430-2315
1224	Plateau Radio & TV Corporation, Radio Plateau	Jos, Plateau State	50	0500-2300
1269	Taraba State Broadcasting Corp., Radio Taraba	Jalingo, Taraba State	10	0500-2300
1440	Adamawa Broadcasting Corporation	Yola, Adamawa State	10	0430-2300

External broadcasting on shortwave

Voice of Nigeria (International Service)

Voice of Nigeria is the official international broadcasting station of Nigeria broadcasting from Abuja. Transmissions from the old Lagos (Ikorodu) transmitter site have not been heard since March 2016.

Transmitter sites: Abuja (Lugbe) - 250 kW.

Times/UTC	Language	Target	kHz
0600-0700	Hausa	West Africa	7254.9
0700-0730	French	West Africa	7254.9
0730-0800	Fulfulde	West Africa	7254.9
0800-0900	English	West Africa	7254.9
1800-1930	English	West Africa	9689.9 (and irregularly in DRM mode on 15120 kHz)
1930-2000	Fulfulde	West Africa	9689.9
2000-2100	Hausa	West Africa	9689.9

Target broadcasts to Nigeria

FRCN Radio Nigeria Kaduna - Channel 1

Radio Nigeria-Kaduna is the regional broadcasting station of the FRCN for Kaduna State. Wolfgang Bueschel reported on 27 November 2017 that the FRCN Radio Nigeria Kaduna shortwave transmitter had been repaired, but had lost many device contacts and had a lot of electric flashovers in past months. This old 100 kW Harris transmitter was in the ultimate stage, with power limited to less than 10 kW now. It was last reported as being heard in BDXC-UK's Communication in December 2017 and is thought to be off-air again. However, in October 2018 it was reported that Radio Nigeria Kaduna was being relayed on shortwave by WRMI from its Okeechobee FL site back to West Africa. These transmissions were subsequently moved to Issoudun in France. Presumably they are parallel to mediumwave 594 kHz.

Transmitter Site: Okeechobee FL, USA - 100 kW.

Times/UTC	Language	kHz
0500-0700	Hausa	7335
0700-0900	Hausa	13840
1100-1500	Hausa	17690
2000-2300	Hausa	7235

Dandal Kura Radio International

Dandal Kura Radio International (Dandal Kura meaning "Great Hall" or "Meeting Place" in Kanuri) aims to connect, inform and hear people who have been affected by Boko Haram. It is based in Maiduguri, Nigeria, and is financed by USAID, the US overseas development agency. It was first heard in 2015. Since 26 February 2018 transmissions have been brokered by Media Broadcast GmbH using transmitters at Issoudun in France. Hans Johnson reported in early January 2019 that Dandal Kura have told him that they have been granted an FM license. They have two years to implement it and might leave shortwave once they are on FM.

Transmitter site: Issoudun, France - 250 kW.

Times/UTC	Language	kHz
0500-0600	Kanuri	7220
0600-0700	Kanuri	11910
1800-2000	Kanuri	11830

Réunion

Réunion Première is the public radio/television broadcaster owned by France Télévisions for the overseas department of Réunion. ORTF had operated a 4 kW shortwave transmitter on Réunion which became inactive in the mid-1970's.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
666	Réunion Première	St Pierre	20	24h in French
1215	Réunion Première	St André	5	24h in French

Rodrigues

Mauritius Broadcasting Corporation operates RM1 Radio Maurice on the autonomous outer island of Rodrigues that belongs to Mauritius.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
1206	RM1 Radio Maurice	Citronelle	1	24h in French, English and Rodriguan Creole; relay MBC English at 0500-0515

Rwanda

Radio Rwanda is the state radio station in Rwanda. It had broadcast on 6055 kHz from a 100 kW transmitter located at the Deutsche Welle Relay Station in Kigali, but ceased when it closed on 28 March 2015. It is now on FM only.

Target broadcast to Rwanda

Radio Itahuka

Radio Itahuka is produced by the Rwanda National Congress. It made its inaugural broadcast in November 2016.

Transmitter site: Talata-Volonondry, Madagascar - 250 kW.

Times/UTC	Days	Language	kHz
1800-1900	Sat	Kinyarwanda	15420

Saint Helena

Radio St Helena (MW 1548 kHz) closed on Christmas Day 2012 and was replaced by the **South Atlantic Media Services (SAMS)**, broadcasting on FM only. Saint FM Community Radio also broadcasts on the island.

Radio St Helena Day was an annual broadcast on shortwave. Transmissions were beamed to different parts of the world on 11092.5 kHz. The last was on 14 November 2009. The first "Radio St Helena Day" broadcast took place in 1990 when Cable and Wireless allowed their 1 kW shortwave transmitter to be used for special transmissions around the world and the annual event took place until 1999. After a break of seven years, a new 1 kW shortwave transmitter and aerial mast was in place on St Helena by November 2006 thanks to a project run by German DXer, Robert Kipp, and "Radio St Helena Day" once again became a highlight of the DX year. The last RSHD broadcast was on 14 November 2009. The 2010 event was planned, but severe technical problems with the shortwave antenna tower, followed by damage to the beam antenna, meant that it had to be cancelled and no further broadcasts ever took place.

São Tomé e Príncipe

Radio Nacional de São Tomé e Príncipe is the state's public broadcaster. It operates on mediumwave and FM. Radio Nacional was last reported on shortwave in 1988.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
945	Radio Nacional de São Tomé e Príncipe	Pinheira, São Tomé	20	24h in Portuguese and Crioulo

International relays on mediumwave

IBB São Tomé Transmitting Station

The IBB São Tomé Transmitting Station at Pinheira was opened in 1992 and relays Voice of America programmes to Central and West Africa. São Tomé and Príncipe, is an island nation in the Gulf of Guinea, off the western equatorial coast of Central Africa.

Transmitter site: Pinheira, São Tomé - 600 kW.

Time/UTC	Days	Station	Language	kHz
0300-0430	Daily	Voice of America	English	1530
0500-0530	Daily	Voice of America	Hausa	1530
0530-0600	Mon-Fri	Voice of America	French	1530
0600-0700	Daily	Voice of America	English	1530
1600-1700	Daily	Voice of America	English	1530
1700-1800	Daily	Voice of America	Portuguese	1530
1830-2000	Daily	Voice of America	French	1530
2000-2200	Daily	Voice of America	English	1530

International relays on shortwave

IBB São Tomé Transmitting Station

Shortwave transmitters at the The IBB Transmitting Station at Pinheira became operational in 1996.

Transmitter site: Pinheira, São Tomé - 5 x 100 kW.

Times/UTC	Days	Service	Language	Target	kHz
0300-0400	Daily	Voice of America	English	Africa	6080
0330-0430	Daily	Voice of America	Rwanda-Rundi	Great Lakes	7275 9885
0400-0500	Daily	Voice of America	English	Africa	4960 6080
0400-0500	Mon-Fri	Voice of America	Studio 7	Zimbabwe	9825
0430-0500	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	7275 9885
0500-0530	Daily	Voice of America	Hausa	West Africa	4960 6020
0500-0600	Daily	Voice of America	English	Africa	6080
0530-0630	Mon-Fri	Voice of America	French	Africa	4960 6020
0600-0700	Daily	Voice of America	English	Africa	6080 9550
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	7220
0700-0730	Daily	Voice of America	Hausa	West Africa	4960 12070
0830-0900	Wed/Sat	Voice of America	French	Africa	12030
1100-1130	Sat	Voice of America	French	Africa	12030
1300-1400	Daily	Deutsche Welle	Hausa	West Africa	9830 11620 11980
1400-1500	Sat/Sun	Voice of America	Rwanda-Rundi	Great Lakes	9885
1500-1530	Daily	Voice of America	Hausa	West Africa	9765 11850
1500-1600	Daily	Voice of America	English	Africa	17895
1530-1600	Mon-Fri	Voice of America	Hausa	West Africa	9600 11850
1600-1630	Daily	Voice of America	English	Africa	6080
1600-1630	Daily	Voice of America	Rwanda-Rundi	Great Lakes	13630 15460
1630-1700	Daily	Voice of America	English	Africa	6080(sa/su) 151280(mo-fr)
1630-1700	Daily	Voice of America	Swahili	East Africa	15460
1630-1700	Fri	Voice of America	Portuguese	Southern Africa	17655
1700-1730	Daily	Voice of America	English	Africa	6080
1700-1730	Mon-Fri	Voice of America	Amharic	Horn of Africa	11690
1700-1800	Daily	Voice of America	Studio 7	Zimbabwe	13860 15460
1730-1800	Daily	Voice of America	English	Africa	6080 13590
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	9830
1800-1900	Mon-Fri	Voice of America	Studio 7	Zimbabwe	13860 15460
1830-1900	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	13630
1900-1930	Daily	Voice of America	English	Africa	11695(mo-fr) 13590
1900-1930	Daily	Voice of America	French	Africa	9515
1930-2000	Daily	Voice of America	English	Africa	13590
1930-2000	Daily	Voice of America	French	Africa	9515 11900
1930-2000	Mon-Fri	Voice of America	Rwanda-Rundi	Great Lakes	11850
2000-2030	Daily	Voice of America	French	Africa	11900
2030-2100	Daily	Voice of America	English	Africa	4960(sa/su)
2030-2100	Mon-Fri	Voice of America	Hausa	West Africa	4940 6040 12075
2030-2100	Sat	Voice of America	Hausa	West Africa	6040 11900 12075
2030-2100	Sat/Sun	Voice of America	French	Africa	11900(su) 13750(sa/su)
2100-2200	Daily	Voice of America	English	Africa	6195

Senegal

Radiodiffusion Télévision Sénégalaise (RTS) is the public broadcasting company of Senegal. It was last reported on shortwave in 1997. All domestic broadcasting from RTS and private radio stations is on FM only.

Seychelles

Seychelles Broadcasting Corporation is the public broadcasting radio service of the Seychelles. It operates on mediumwave and FM.

Domestic broadcasting in Seychelles

kHz	Station	Location	kW	Schedule
1368	SBC Radio	Victoria, Mahé	10	0200-1800 in Creole, English and French

Sierra Leone

Sierra Leone Broadcasting Corporation (SLBC) is the public broadcasting service in Sierra Leone, operating on FM only. It is owned by the government and is operated by Independent Media Commission under the supervision of the Ministry of Information and Communications. The SLBC was formed in April 2010, when the Sierra Leone government owned Sierra Leone Broadcasting Services (SLBS) merged with the United Nations peacekeeping radio station. The old SLBS was last heard on shortwave in 2002.

Somalia

Almost all radio services in Somalia are on FM nowadays. Since Al Shabaab lost power in Mogadishu in 2012, radio has flourished in the country and there is a wide range of stations available. Radio Mogadishu broadcasts in several towns and cities in Somalia on FM in support of the Federal Government of Somalia. Radio Mogadishu, then operated by the last fully functioning government in Somalia, was last reported on shortwave in 1991.

Domestic broadcasting in Puntland

Puntland is a self-declared autonomous state in northeast Somalia. Unlike neighbouring Somaliland, it does not seek outright independence from Somalia.

Radio Puntland

Radio Puntland was officially opened by former Puntland President Dr. Abdurrahman Faroole in April 2013. The project was funded by the Italian government and operated by Italian technicians. Radio Puntland was due to commence full time operations in June 2013 with a 25 kW shortwave transmitter but the transmitter failed to be delivered and the project was delayed until the arrival of a new one from another manufacturer in early 2015.

Transmitter site: Garowe, Puntland - 10 kW.

Language: Somali

Times/UTC	Status	kHz
0300v-0600v and 0600v-1500v	irregular	13800-AM/U

Domestic broadcasting in South West State of Somalia

The South West State of Somalia, also known as the Interim South West Administration, is an autonomous region in southwestern Somalia. It was originally founded by Hasan Muhammad Nur Shatigadud, leader of the Rahanweyn Resistance Army (RRA) on 1 April 2002. After its dissolution in 2005, the territory was re-established in November 2009 as an official Federal Member State of Somalia.

Warsan Radio

Warsan Radio, previously known as Democratic Media Concern, was founded in 2002. The station was funded by a Somali community living in the Diaspora and broadcast regularly on FM until the equipment (including the transmitter) was captured by Al Shabaab and renamed Radio Andalus. The station was off air from late 2009 until 2013. It now broadcasts on 88.8 FM in Baydhabo and also on shortwave 7750 kHz, where it was first heard in June 2016. Its programming includes relays of BBC Somali at 0400, 1100, 1400 and 1800 UTC.

Transmitter site: Baydhabo, South West State of Somalia.

Language: Somali

Times/UTC	kHz
0300-0600 and 0900-1930	7750-USB

Radio stations affiliated with Al Shabaab

Radio Al-Andalus

Radio Al-Andalus operates a network of media outlets in South/Central Somalia on behalf of Al Shabaab and in the past has had several radio stations under its control at any one time using seized equipment broadcasting on either 88.0 or 88.8 FM. Another Al-Shabaab controlled radio station was Radio Al-Furqaan on 106.5 FM, located in Baraawe, Lower Shabelle region, but its current status is unknown (it may be the radio station reported to have been destroyed by Somali National Forces in February 2018). Radio Al-Andalus programming consists of Al Shabaab news propaganda and jihadi nasheeds, with one programme in Arabic on Fridays. All Al Shabaab-controlled radio stations have no female journalists. Radio Al-Andalus may be the Somali-language radio station heard irregularly since mid-2017 on shortwave **7700 kHz**, although as Thorsten Hallmann points out in "Africalist", there have been no reports of an ID whatsoever, nor a livestream of Radio Al-Andalus to verify possible parallelity. WRTH 2018 gives the times of operation for Radio Al-Andalus on 88.8 FM and 7700 kHz as 0300-0600v and 1530-1930v.

David Foster whilst on holiday in Uganda in July 2018 commented "WRTH 2018 says it's in Mogadishu but I think there's a much higher chance it is located in Jilib. It's an Al-Shabaab operation so not at all unusual to hear Qur'an recitation at 1558 on 20 July. Seemed to be news from 1600. Tried for it numerous times afterwards but this was the only time it fronted up" ("Holiday DX with David Foster" in October 2018 edition of Australian DX News via DXLD).

Target broadcasts to Somalia

Voice of America Somali Service

Voice of America Somali Service was originally launched in 1993 and stopped service within a year. The Service was re-launched in February in 2007. The station's headquarters are located in Washington, USA and it broadcasts to the entire country on shortwave and on mediumwave from Djibouti. In addition, VOA broadcasts in English and Somali from its own FM transmitters in some cities and towns. The VOA Somali Service is also rebroadcast on FM by several radio stations in Somalia although not all are official relay partners. The VOA Somali Service broadcasts news, entertainment programmes and talk-shows.

Transmitter sites: MW: Dorale, Djibouti (dji); SW: Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Umm Al-Rimam, Kuwait (kwt) - 250 kW; Lampertheim, Germany (lam) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udon Thani, Thailand (udo) - 250 kW; Woofferton, UK (wof) - 250 kW.

Times/UTC	Days	Language	kHz
0330-0400	Daily	Somali	9510-smg 9825-lam 11750-dha
1030-1100	Daily	Somali	13580-kwt 15620-bot 17600-udo
1300-1400	Daily	Somali	15620-smg 17600-bot
1600-1630	Sat/Sun	Somali	1431-dji
1600-1800	Daily	Somali	13580-lam 15620-wof

BBC Somali

The BBC Somali was founded in 1957. It broadcasts to Somali speakers throughout East Africa on shortwave and on BBC FM transmitters in Somalia, as well as via relay partnerships with local radio stations. Programmes consist of international and local news, current affairs, business, sport, culture and phone-in's. On Saturdays, BBC Somali has extensive football coverage of England's Premier League.

Transmitter sites: Ascension Island (asc) - 250 kW; Dhabbaya, UAE (dha) - 250 kW; Meyerton, South Africa (mey) - 100/250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

Times/UTC	Days	Language	kHz
0400-0430	Daily	Somali	11995-mdc 13840-dha
1100-1130	Daily	Somali	15420-dha 17745-dha
1130-1400	Sat	Somali	17745-mey 21470-dha
1400-1500	Daily	Somali	12095-mdc 17745-mey 21470-dha
1500-1700	Sat	Somali	17745-mey 21470-asc
1700-1930	Sat	Somali	7335-mey 9465-dha
1800-1830	Daily	Somali	6180-dha 9465-mey 11875-mey

Radio ERGO

Radio Ergo was formerly known as IRIN radio until a Danish media development organisation, International Media Support (IMS), took ownership from the United Nations Integrated Regional Information Network (IRIN) in July 2011 and renamed the station Radio Ergo. The station solely broadcast news and humanitarian programmes. The station's studios are located in Nairobi and it broadcasts to Somalia one hour per day between 1200-1300 on shortwave.

Transmitter site: Dhabbaya, UAE - 250 kW.

Times/UTC	Days	Language	kHz
1200-1300	Daily	Somali	17845-dha

Somaliland

Somaliland, officially the Republic of Somaliland, is a self-declared state internationally recognised as an autonomous region of Somalia. The government of the de facto state of Somaliland regards itself as the successor to the former British Somaliland protectorate, which, in the form of the briefly independent State of Somaliland, united as scheduled on 1 July 1960 with the Trust Territory of Somaliland (previously known as Italian Somaliland) to form the Somali Republic.

Domestic broadcasting on shortwave

Radio Hargeisa

Radio Hargeisa was founded in 1943 by the British colonial authorities. It is owned and controlled by the government of Somaliland (since 1991 when the country declared its independence from the rest of Somalia). The station is the only station permitted to operate in Somaliland and is based in Hargeisa.

Transmitter site: Hargeisa - 100 kW.

Times/UTC	Language	kHz	Times/UTC	Language	kHz
0330-0530	Somali	7120	1100-1300	Somali	7120
0530-0900	off air		1300-1320	Arabic	7120
0900-0940	Somali	7120	1320-1340	English	7120
0940-1000	Arabic	7120	1340-1400	Amharic	7120
1000-1040	Somali	7120	1400-1500	off air	
1040-1100	Arabic	7120	1500-2000	Somali	7120

South Africa

The South African Broadcasting Corporation (SABC) is the state-owned broadcaster in South Africa. The SABC was established by an Act of Parliament in 1936 taking over from the African Broadcasting Company which had been responsible for some of the first radio broadcasts in South Africa in the 1920s. The SABC established services in what were then the country's official languages, English and Afrikaans, with broadcasts in ethnic languages following later. The SABC's first commercial service, started in 1950, was known as Springbok Radio, broadcasting in English and Afrikaans. In 1966 the SABC also established an external service, known as Radio RSA, now known as Channel Africa.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
540	Sport 540 AM	Meyerton, Gauteng		planned
567	Cape Talk	Cape Town, Western Cape	25	24h in English
576	Radio Veritas	Meyerton, Gauteng	50	24h in English
657	Radio Pulpit/Radio Kansel	Meyerton, Gauteng	50	24h in English/Afrikaans
702	LM Radio	Welgedacht, Gauteng	50	24h in English
729	Cape Pulpit	Cape Town, Western Cape	25	24h in English/Afrikaans/Zulu/Xhosa
828	Magic 828 AM	Klipheuwel, Cape Town, W Cape	25	24h in English
846	Umhlobo Wenene FM	Komga, Eastern Cape	50	24h in Xhosa
1269	ArrowLine Chinese Radio	Edenvale, Gauteng	2	24h in Chinese
1422	Hellenic Radio	Bedfordview, Gauteng	1	24h in Greek/English
1440	Radio Pulpit	Kameeldrift, Gauteng	10	DRM Tests, English/Afrikaans
1485	Radio Today	Honeydew, Johannesburg	1	24h in English
1548	Radio Islam	Lenasia, Gauteng	10	24h in English (Islamic)
1584	Radio 1584	Laudium, Pretoria, Gauteng	0.25	24h in English (Islamic)

Domestic broadcasting on shortwave

Radio Sonder Grense

Radio Sonder Grense (Radio Without Borders) is an Afrikaans language radio service run by the SABC. It broadcasts on FM throughout South Africa and on shortwave for listeners in the Northern Cape.

Transmitter site: Meyerton - 100 kW

Times/UTC	Language	kHz
0500-0800	Afrikaans	7285
0800-1800	Afrikaans	9650
1800-0500	Afrikaans	3320

South African Radio League - Amateur Radio Today

"Amateur Radio Today" is a programme presented weekly by the South African Radio League.

Transmitter Site: Meyerton - 100/250 kW.

Times/UTC	Days	Language	kHz
0800-0900	Sun	English	7205 17760
1630-1730	Mon	English	4895

External broadcasting on shortwave

Channel Africa

Channel Africa is the international radio service of the SABC. Channel Africa evolved out of Radio RSA.

Transmitter site: Meyerton - 100/250 kW.

Times/UTC	Days	Language	Target	kHz
0300-0400	Mon-Fri	English	Southern and Central Africa	3345 6155
0400-0500	Mon-Fri	English	Southern and Central Africa	3345
0500-1200	Mon-Fri	English	Southern and Central Africa	7230
0600-0700	Mon-Fri	English	West and Central Africa	11925
1200-1300	Mon-Fri	Nyanja	Southern and Central Africa	7230
1300-1400	Mon-Fri	Lozi	Southern and Central Africa	7230
1400-1500	Mon-Fri	Portuguese	Southern and Central Africa	7230
1500-1600	Mon-Fri	English	Southern and Central Africa	7230
1500-1600	Mon-Fri	Swahili	East Africa	17770
1600-1700	Mon-Fri	French	West Africa	15235
1700-1800	Mon-Fri	English	West Africa	15235

International relays on shortwave

Meyerton Transmitting Station

Operated by Sentech, the signal distributor for the South African broadcasting sector. The organisation began operations in 1992 as the signal distributor of the SABC. Sentech now operates as a commercial enterprise.

Transmitter site: Meyerton - 100/250 kW

Times/UTC	Days	Station	Language	Target	kHz
0430-0500	Daily	Radio Dabanga	Sudanese Arabic	Sudan	9600
0500-0600	Daily	BBC	English	East Africa	9915
0500-0600	Daily	BBC	English	Southern Africa	3255 6190
0500-0600	Sat	BBC	Rwanda-Rundi	Great Lakes	11945 15490
0529-0600	Sun	BBC	Rwanda-Rundi	Great Lakes	11945 15490
0600-0700	Daily	BBC	English	Central Africa	12095 15420
0600-0700	Daily	BBC	English	Southern Africa	6190
0630-0700	Daily	Deutsche Welle	Hausa	West Africa	13680 15200
0700-0800	Daily	BBC	English	Central Africa	15490
0700-0800	Daily	BBC	English	East Africa	15420
1000-1100	Daily	Deutsche Welle	Swahili	East Africa	17710
1130-1600	Sat	BBC	Somali	Horn of Africa	17745
1200-1230	Daily	BBC	French	Central Africa	17870
1400-1430	Mon-Fri	BBC	Hausa	West Africa	17640
1400-1500	Daily	BBC	Somali	Horn of Africa	17745
1500-1600	Daily	BBC	English	East Africa	15420
1530-1600	Daily	Radio Dabanga	Sudanese Arabic	Sudan	15350
1600-1700	Daily	BBC	English	East Africa	12095
1600-2000	Daily	BBC	English	Southern Africa	3255 6190
1630-1700	Mon-Fri	BBC	Rwanda-Rundi	Great Lakes	17870
1630-1700	Mon-Fri	Voice of America	Sudanese English	South Sudan	11850
1640-1700	Daily	Voice of America	Swahili	East Africa	15260
1700-1730	Daily	AWR	Swahili	East Africa	11800
1700-1800	Daily	BBC	English	East Africa	9410
1700-1930	Sat	BBC	Somali	Horn of Africa	7335
1730-1750	Mon-Fri	BBC	Amharic	Horn of Africa	12095
1730-1800	Daily	AWR	Masai	East Africa	15490
1730-1800	Mon-Fri	Voice of America	Oromo	Horn of Africa	12040
1750-1810	Mon-Fri	BBC	Oromo	Horn of Africa	12095
1800-1830	Daily	BBC	French	Central Africa	7395
1800-1830	Daily	BBC	Somali	Horn of Africa	9645 11875
1800-1900	Daily	Deutsche Welle	Hausa	West Africa	13680 15200
1800-1900	Daily	Voice of America	Amharic	Horn of Africa	12040
1810-1830	Mon-Fri	BBC	Tigrinya	Horn of Africa	12095
1830-1850	Mon-Fri	BBC	Amharic	Horn of Africa	9885
1850-1910	Mon-Fri	BBC	Oromo	Horn of Africa	9885
1910-1930	Mon-Fri	BBC	Tigrinya	Horn of Africa	9885
1930-2000	Daily	AWR	Fulani	West Africa	11790
1930-2000	Daily	AWR	Ibo	West Africa	9850
2000-2030	Daily	AWR	French	West Africa	9780
2030-2100	Daily	AWR	Yoruba	West Africa	9780

South Sudan

The South Sudan government operates a loosely coordinated network of local radio stations across the country under the umbrella of South Sudan Radio. Most of these stations broadcast on FM and can only be heard within the vicinity of the town where they are based. Each station in the network produces and broadcasts its own programming.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
693	Radio Juba	Juba	40	0345-0700 and 1245-1820 in Arabic, English and local languages

Radio Juba is the flagship station of the South Sudan Radio network. It broadcasts on FM and mediumwave (it is currently the only radio station on mediumwave in South Sudan) in Arabic, English and Simple Arabic. The station also carries some programmes in Zande, Madi, Muru, Bari Latuka, Toposa, Didinga and Kuhu. Radio Juba can be heard within a 400 km radius of the capital on mediumwave. Its audience mainly consists of people who are beyond the range of FM broadcasts by other stations.

Sudan

Sudan Radio and Television Corporation - Sudan Radio is the state-controlled broadcasting service in Sudan. It operates a number of transmitters on mediumwave, broadcasting both the General Programme and regional stations. SRTC has a single shortwave transmitter that is currently used for the General Programme and the external service.

Sudan Radio - General Programme

Sudan Radio's General Programme can be heard throughout Sudan on mediumwave and during the day on shortwave as well. It carries the National Unity Radio programme between 1000-1200 UTC.

Transmitter sites: as below.

Language: Arabic

Times/UTC kHz

0300-0530	765 963 1296 7205
0530-0800	765 1296 7205
0800-0830	765 1296 7205
0830-1300	765 963 1296 7205
1300-1600	765 1296 7205
1600-1900	765 1296 (and sometimes on 7205 if it doesn't switch over to the Voice of Africa external service)
1900-2100	765 1296 7205
2100-0200	765 1296 and relayed by regional stations on mediumwave
0200-0300	765 963 1296 and relayed by regional stations on mediumwave

Domestic broadcasting stations on mediumwave

SRTC regional stations broadcast their own programmes along with content from Omdurman between 0300-2100, whilst overnight they relay the General Programme (as broadcast on 765 and 1296 kHz).

kHz	Station	Location	kW	Schedule
540	SRTC South Darfur State R	Nyala, South Darfur	50	24h in Arabic
639	SRTC North Kurdufan State R	El Obeid, North Kurdufan	10	24h in Arabic
666	SRTC Kassala State R	Kassala, Kassala State	5	24h in Arabic
747	SRTC Khartoum State R	Khartoum, Khartoum State	10	0300-0700 & 1300-1900 in Arabic; also Gen
747	SRTC Red Sea State R	Port Sudan, Red Sea State	5	24h in Arabic
765	SRTC General Programme	Omdurman, Khartoum State	50	24h in Arabic, except 1000-1200 Nat Unity R
783	SRTC River Nile State R	Atbara, River Nile State	5	24h in Arabic
801	SRTC North Darfur State R	Al-Fashir, North Darfur	5	24h in Arabic
819	SRTC Northern State R	Dongola, Northern State	5	24h in Arabic
873	SRTC Al Jazirah State R	Wad Madani, Al Jazirah State	10	24h in Arabic
873	SRTC Northern State R	Wadi Halfa, Northern State	5	24h in Arabic
891	SRTC Sennar State R	Singa, Sennar State	5	24h in Arabic
945	SRTC South Kordufan State R	Al-Foula, S Kordufan State	5	24h in Arabic
963	SRTC General Programme	Khartoum, Khartoum State	100	0200-0530, 0830-1000, 1200-1300 in Arabic
	SRTC R As-Salem (Peace R)	Khartoum, Khartoum State	100	0530-0830, 1300-2100 in Arabic
	SRTC National Unity R	Khartoum, Khartoum State	100	1000-1200 in Arabic
1026	SRTC Blue Nile State R	Ad-Damazin, Blue Nile State	5	24h in Arabic
1296	SRTC General Programme	Reiba, Sennar State	600	24h in Arabic, except 1000-1200 Nat Unity R
1485	SRTC Al-Qadarif State R	Al-Qadarif, Al-Qadarif State	5	24h in Arabic
1584	SRTC White Nile State R	Kosti, White Nile State	5	24h in Arabic
1602	SRTC S Kurdufan State R	Kaduqli, South Kurdufan State	5	24h in Arabic

External broadcasting on shortwave

Voice of Africa from Sudan Radio

Voice of Africa is the external service of the Sudan Radio and Television Corporation. It was first heard in early October 2012 but has been intermittent since then. The latest broadcasts in French, English and Hausa resumed in early November 2018, although the schedule is highly unsettled.

Transmitter Site: Omdurman (Al-Aitahab) - 100 kW.

Times/UTC	Languages	kHz
1600v-1900v	French, English and Hausa	9505

Observation by Richard Langley (via DXLD): On 13 December 2018, noted using the U. Twente SDR receiver, Omdurman signed on just before 1600 UTC on 9505.002 kHz in Arabic. The French programme ran from about 1630 to 1715 UTC and then into English following a time signal at 1715:45 UTC (!). They announced that the English Service, as they call it, runs from seven fifteen to eight pm Sudan local time or 1715 to 1800 UTC. Note that this French and English schedule differs from that on the Bulgaria DX site. Reception ranged from poor to fair. Just before 1800 UTC, severe QRM begins from TWR Manzini in English. On 14 December, while the carrier on 9505 kHz is relatively strong (10 over S9 at times), modulation was next to non-existent. Richard Langley (DXLD)

Target broadcasts to Sudan and South Sudan

Voice of America - South Sudan in Focus

VOA's "Sudan in Focus" programme (now called "South Sudan in Focus") was first aired on 23 September 2010 and reflects US interest in South Sudan. "South Sudan in Focus" airs at 7:30 pm in Juba (1630 UTC). The programme is hosted by John Tanza in Washington D.C., and a network of reporters around South Sudan and in Washington produce the stories that are heard on "South Sudan in Focus".

Transmitter sites: Meyerton, S. Africa (mey) - 100 kW; Woofferton, UK (wof) - 300 kW; Pinheira, Sao Tome (sao) - 100 kW.

Times/UTC	Days	Language	kHz
1630-1700	Mon-Fri	Sudanese English	11850-mey 13865-wof 15180-sao

Radio Tamazuj

Radio Tamazuj is a daily news service and current affairs broadcaster covering South Sudan, the southern states of Sudan, and the borderlands between the two countries. Typical programming includes reporting and discussion of politics, governance, peace-building, law, justice, culture, economy, education, gender, and human rights.

Transmitter sites: Talata-Volonondry, Madagascar (mdc) - 250 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Issoudun, France (iss) - 250 kW.

Times/UTC	Days	Languages	kHz
0330-0400	Daily	Arabic and Sudanese languages	6020-mdc 7315-smg
1500-1530	Daily	Arabic and Sudanese languages	11705-mdc 15550-smg

Radio Dabanga

Radio Dabanga is a project of the Radio Darfur Network, a coalition of Sudanese journalists and international (media) development organisations, supported by a consortium of international donors, humanitarian community organisations and local NGOs. Radio Dabanga is conceived, operated and facilitated by Free Press Unlimited in the Netherlands.

Transmitter sites: Santa Maria di Galeria, Vatican (smg) - 250 kW; Issoudun, France (iss) - 250 kW; Meyerton, South Africa (mey) - 250 kW.

Times/UTC	Days	Languages	kHz
0430-0500	Daily	Arabic and Sudanese languages	7315-iss 9600-mey
1530-1600	Daily	Arabic and Sudanese languages	15350-mey 15550-smg

Eye Radio

Eye Radio is based in Juba and is a partnership between Internews and Eye Media. Formerly operating as the Sudan Radio Service on shortwave and later on 98.6 FM, Eye Radio is South Sudan's first independent broadcast provider of news and information. SRS began as a project of the Education Development Center (EDC), an international NGO based in the US, with support from the United States Agency for International Development (USAID). SRS's first broadcast was on 30 July 2003, with an initial one hour-long shortwave broadcast consisting of news summaries and music. Eye Radio currently broadcasts in English, Simple Arabic and in seven local languages around the clock on FM in South Sudan and also for two hours a day on shortwave. Eye Radio originally broadcast on shortwave from April 2016 until the end of October 2017. The latest shortwave broadcasts resumed on 1 August 2018.

Transmitter site: Talata Volonondry, Madagascar (mdc) - 250 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Issoudun, France (iss) - 250 kW.

Times/UTC	Days	Language	kHz
0400-0500	Sun-Thu	English/Simple Arabic/South Sudanese local languages	11620-mdc
1500-1600	Sun-Thu	English/Simple Arabic/South Sudanese local languages	15410-smg
1600-1800	Sun-Thu	English/Simple Arabic/South Sudanese local languages	15410-iss

eSwatini (Swaziland)

On 19 April 2018, the King of Swaziland Mswati III announced that the Kingdom of Swaziland had renamed itself the Kingdom of eSwatini to mark the 50th anniversary of Swazi independence. The new name, eSwatini, means "land of the Swazis" in Swazi.

Swaziland Broadcasting and Information Services is the state broadcasting service that operates Radio Swaziland on FM only. With the exception of TWR Swaziland, all other stations are also on FM only.

International relays on mediumwave

TWR Swaziland

TWR Swaziland went on air on 1 November 1974 and broadcasts Christian programming to Africa.

Transmitter site: Mpangela Ranch - 100 kW.

Times/UTC	Days	Language	Target	kHz
1800-2015	Daily	English	Southern Africa	1170
2015-2115	Daily	Zulu	Southern Africa	1170
2115-2200	Daily	Shona	Southern Africa	1170

International relays on shortwave

TWR Swaziland

Transmitter site: Mpangela Ranch - 50 & 100 kW.

Times/UTC	Days	Language	Target	kHz
0300-0330	Daily	Shona	Southern Africa	3240
0330-0345	Daily	Ndau	Southern Africa	3240
0430-0500	Daily	English	Southern Africa	3200 4775
0500-0600	Daily	English	Southern Africa	4775
0600-0700	Daily	English	Southern Africa	4775 6120
1400-1415	Daily	Urdu	South Asia	15360 (subject to confirmation)
1420-1435	Mon-Sat	Lomwe/Port.	Southern Africa	9585
1420-1450	Sun	Makhuwa	Southern Africa	9585
1420-1455	Daily	English	Southern Africa	7300
1455-1510	Daily	Shona	Southern Africa	7300
1455-1525	Mon-Fri	Malagasy	Madagascar	9585
1455-1525	Sat/Sun	French	Madagascar	9585
1500-1530	Daily	Somali	Horn of Africa	11780
1500-1545	Sun	Somali	Horn of Africa	11780
1525-1555	Mon-Fri	Shona	Southern Africa	7300
1557-1627	Mon-Fri	Kirundi	Great Lakes	15105
1630-1645	Tue	Shangaan	Southern Africa	4760
1630-1645	Sat	Portuguese	Southern Africa	4760
1630-1645	Tue	Oromo	Horn of Africa	11660
1630-1700	Wed/Thu	Oromo	Horn of Africa	11660
1630-1645	Sun/Mon	Amharic	Horn of Africa	11660
1630-1645	Fri/Sat	Kambaata	Horn of Africa	11660
1645-1700	Sun	Oromo	Horn of Africa	11660
1645-1700	Mon/Tue	Borana	Horn of Africa	11660
1645-1700	Fri/Sat	Hadiyya	Horn of Africa	11660
1700-1715	Sat	Amharic	Horn of Africa	11660
1700-1730	Sun-Fri	Amharic	Horn of Africa	11660
1700-1730	Daily	Yao	Southern Africa	7300
1715-1730	Sat	Oromo	Horn of Africa	11660
1730-1800	Mon-Fri	Oromo	Horn of Africa	11660
1730-1800	Sun	Amharic	Horn of Africa	11660
1745-1800	Sat	Turkana	East Africa	9475
1745-1800	Sun	Swahili	East Africa	9475
1745-1815	Mon-Fri	Swahili	East Africa	9475
1800-1815	Sat	Swahili	East Africa	9475
1802-1832	Mon-Fri	English	East Africa	9500
1802-1902	Sat	English	East Africa	9500
1820-1850	Mon-Fri	Umbundu	Southern Africa	6130
1832-1847	Mon-Fri	Juba Arabic	East Africa	9500
1834-1849	Sun	Swahili	East Africa	9500
1850-1905	Sun-Fri	Umbundu	Southern Africa	6130
1850-1905	Sat	Chokwe	Southern Africa	6130
1905-1920	Mon/Tue	Portuguese	Southern Africa	6130
1905-1920	Wed	Luchazi	Southern Africa	6130
1905-1920	Thu	Luvale	Southern Africa	6130
1905-1920	Fri	Fiote	Southern Africa	6130
1905-1920	Sat	Umbundu	Southern Africa	6130
1905-1920	Sun	KiKongo	Southern Africa	6130
1905-1935	Daily	Lingala	Central Africa	9940
1920-1935	Sun	Kuanyama	Southern Africa	6130
1920-1950	Mon-Fri	Portuguese	Southern Africa	6130
1920-2005	Sat	Portuguese	Southern Africa	6130
1935-2005	Sun	Portuguese	Southern Africa	6130
1935-2005	Daily	French	Central Africa	9940
1950-2005	Mon-Fri	Kimbundu	Southern Africa	6130

Tanzania

Tanzania Broadcasting Corporation (TBC) is the state broadcaster in Tanzania. It broadcasts mainly on FM but its TBC Taifa service in Swahili is also available on six mediumwave frequencies. Shortwave transmissions from Radio Tanzania were discontinued in 2005.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
603	TBC Taifa	Dodoma, Dodoma Region	10	24h in Swahili
621	TBC Taifa	Mbeya, Mbeya Region	10	24h in Swahili
711	TBC Taifa	Kigoma, Kigoma Region	10	0200-2100 in Swahili
720	TBC Taifa	Mwanza, Mwanza Region	10	24h in Swahili
837	TBC Taifa	Kunduchi, Dar es Salaam Region	1	0200-2100 in Swahili
1215	TBC Taifa	Arusha, Arusha Region	10	24h in Swahili
1323	Radio One	Moshi, Kilimanjaro Region	10	24h in Swahili
1377	Radio Free Africa	Mwanza, Mwanza Region	10	24h in Swahili/English
1440	Radio One	Dar-es-Salaam	10	24h in English; irregular

Radio One operates under the umbrella of IPP Media Limited and is a 24 hour commercial radio station with its headquarters in Dar-es-Salaam. It was launched in 1994 and now operates on FM throughout Tanzania, as well as on two mediumwave transmitters. Radio One programmes covers a variety of issues from news, sports, current affairs show (local and international), lifestyle, entertainment, and others.

Radio Free Africa, also known as RFA, was launched in 1995 after the Sahara Media Group Ltd obtained a broadcast license from the Tanzanian government. It can be heard on FM within Tanzania and its mediumwave transmitter on 1377 kHz can be heard throughout East Africa. The station presents news from around Tanzania, East Africa and the world, and broadcasts a variety of musical genres.

See separate entry for Zanzibar for details of the Zanzibar Broadcasting Corporation, which broadcasts on both mediumwave and shortwave.

Tristan da Cunha

Tristan da Cunha was served by a 40 watt shortwave transmitter, but Radio Tristan da Cunha left shortwave in 1991 in favour of FM only. The local radio station on the island is now called **Atlantic FM**.

Tunisia

Radio Tunisienne is the state broadcasting service in Tunisia. It broadcasts the National Channel on mediumwave and FM, whilst regional stations are on FM only. All relays of the domestic service on shortwave were discontinued in 2013.

Domestic broadcasting on mediumwave

kHz	Service	Location	kW	Schedule
585	Radio Tunisienne, National Channel	Gafsa	350	0400-0000 in Arabic
630	Radio Tunisienne, National Channel	Tunis	300	24h in Arabic
684	Radio Tunisienne, National Channel	Medenine	10	0400-0000 in Arabic
963	Radio Tunis Chaîne Internationale	Tunis	100	see below

External broadcasting on mediumwave

Radio Tunis Chaîne Internationale

RTCI is the international service of Radio Tunisienne.

Transmitter site: Tunis - 100 kW. **Frequency:** 963 kHz

Schedule: 0500-1303 French, 1303-1330 English, 1330-1400 Italian, 1400-1903 French, 1903-1930 Spanish, 1930-2000 German, 2000-0100 French.

Uganda

Uganda Broadcasting Corporation (UBC Radio) is the public broadcaster of Uganda. Shortwave transmissions are currently inactive.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
576	UBC West/Star FM	Mityana, Central Uganda	100	0300-2105 in local languages
909	West Nile FM	Kampala, Kampala District	20	relay 94.1 FM
999	UBC Radio	Kabale, Western Uganda	100	irregular

Domestic broadcasting on shortwave

Dunamis Shortwave is a Christian radio station in Mukono that has in the past broadcast to Uganda and Southern Sudan on shortwave 4750 kHz (1 kW). It has not been recently reported and is believed to be inactive on shortwave now.

Target Broadcast to Uganda

Radio Munansi

Radio Munansi is a US-based internet community radio station that hires airtime on shortwave at certain times via WWRB.

Transmitter Site: WWRB Morrison TN - 115 kW.

Times/UTC	Days	Languages	kHz
1300-2200	Sat/Sun (irregular)	Luganda and English	9370

Western Sahara

Western Sahara is a disputed and partially Moroccan-occupied territory in the Maghreb region of North Africa, bordered by Morocco to the north, Algeria to the northeast, Mauritania to the east and south, and the Atlantic Ocean to the west.

Domestic broadcasting on mediumwave

kHz	Station	Location	kW	Schedule
711	SNRT Radio Marocaine	Laâyoune	300	24h in Arabic and Hassaniyya
1550	Nat. Radio of the SADR	Rabouni, near Tindouf, Algeria	100	0700-1300 and 1700-2300 in Arabic and Hassaniyya

SNRT Radio Marocaine is the state broadcasting service of Morocco. The Southern Provinces or Moroccan Sahara are the terms used by the Moroccan government for Western Sahara. These two official Moroccan denominations explicitly include all of Western Sahara. The Moroccan government favours "Southern Provinces" for its geographical obviousness. A frequent use of the term "Southern Provinces" is found for example on Moroccan state television for weather forecasts, displayed maps on the news, government statements, etc. The transmitter at Laâyoune on 711 kHz includes regional programmes from Laâyoune and Dakhla.

National Radio of the Sahrawi Arab Democratic Republic is operated by the Polisario Front in support of independence for Western Sahara. The transmitter is located at the Sahrawi refugee camp in Rabouni, close to the south-western Algerian town of Tindouf, near the border with Western Sahara. It currently operates on mediumwave only with shortwave last reported in 2011.

Zambia

Zambia National Broadcasting Corporation - Radio Zambia (ZNBC) is the state-controlled broadcasting service of Zambia. Radio 1 is heard on FM throughout Zambia and is also on shortwave. Radio 2 is also heard on FM but its shortwave transmitter that had operated on 6165 kHz has been inactive since late 2012.

Domestic broadcasting on shortwave

ZNBC Radio 1

Transmitter site: Lusaka - 100 kW

Times/UTC	Languages	kHz	News in English
0245-2205	National languages	5915	0500-0515, 1115-1140 and 1800-1810

International broadcasting on shortwave

Voice of Hope - Africa

The California-based Strategic Communications Group, the parent organisation of Voice of Hope, purchased the former Christian Vision shortwave facility in Zambia in late 2014. It broadcasts Christian programmes for listeners in Southern, Central and West Africa.

Transmitter site: Makeni Ranch, 35 km outside Lusaka - 100 kW.

Times/UTC	Days	Language	kHz
0500-0800	Mon-Fri	English	9860 11680
1200-1700	Sat/Sun	English	9680 11680
1700-1730	Sun	English	9680
1600-1900	Mon-Fri	English	4965 6065

Zanzibar

Zanzibar Broadcasting Corporation

ZBC is the public broadcasting station of Zanzibar. It broadcasts on mediumwave and FM, as well on shortwave for East Africa (mornings) and the Arabian Peninsula (evenings).

Transmitter site: MW: Chumbuni - 50 kW; SW: Dole - 50 kW.

Language: Swahili

Times/UTC	Target	kHz	
0300-0600	East Africa	6015	
0900-2100	Zanzibar	585	
1500-2100	Arabian Peninsula	11735	includes news in English from ZBC at 1800 UTC.

Zimbabwe

The Zimbabwe Broadcasting Corporation is the state-controlled broadcaster in Zimbabwe. Domestic services are on FM only with no mediumwave or shortwave stations broadcasting in Zimbabwe at present. The Voice of Zimbabwe external service was last heard on shortwave in 2012.

Target broadcast to Zimbabwe

Voice of America - Studio 7

Studio 7 has been providing Zimbabwe with objective and balanced radio news since 2003. It broadcasts reports on Zimbabwean politics, the economy, health, society, sports and best of Zimbabwean music.

Transmitter sites: Selebi-Phikwe, Botswana (bot) - MW 600 kW & SW 100 kW; Pinheira, Sao Tome (sao) - 100 kW.

Times/UTC	Days	Language	kHz
0400-0500	Mon-Fri	Shona, Ndebele and English	909-bot 6175-bot 9825-sao
1700-1800	Daily	Shona, Ndebele and English	909-bot 4930-bot 13860-sao 15460-sao
1800-1900	Mon-Fri	Shona, Ndebele and English	909-bot 13860-sao 15460-sao

Selected Target Broadcasts to the African Continent

These are selected target broadcasts to Africa, mainly from those international broadcasters who specifically target Africa with dedicated programming. It was compiled at the start of the B-18 season, changes since then may not be reflected.

Voice of America

Voice of America has the following transmissions for listeners in Africa.

Transmitter sites: Mediumwave: Selebi-Phikwe, Botswana (bot) - 600 kW; Pinheira, Sao Tome (sao) - 600 kW; Djibouti (dji) - 600 kW. Shortwave: Ascension Island (asc) - 250 kW; Selebi-Phikwe, Botswana (bot) - 100 kW; Dhabbaya, UAE (dha) - 250 kW; Greenville NC, USA (gb) - 250 kW; Umm al-Rimam, Kuwait (kwt) - 250 kW; Lampertheim, Germany (lam) - 100 kW; Meyerton, South Africa (mey) - 100/250 kW; Pinheira, Sao Tome (sao) - 100 kW; Santa Maria di Galeria, Vatican (smg) - 250 kW; Udon Thani, Thailand (udo) - 250 kW; Woofferton, UK (wof) - 250/300 kW.

Times/UTC	Days	Language	Target	kHz
0300-0400	Daily	English	Africa	909-bot 4930-bot 6080-sao 15580-bot
0330-0400	Daily	Kirundi	Great Lakes	7275-sao 7460-bot 9885-sao
0330-0400	Daily	Somali	Horn of Africa	9480-dha 9510-smg 9825-lam
0400-0430	Daily	English	Africa	1530-sao 4930-bot 4960-sao 6080-sao 15580-bot
0400-0500	Mon-Fri	Studio 7	Zimbabwe	909-bot 6175-bot 9825-sao
0430-0500	Daily	English	Africa	4930-bot 4960-sao 6080-sao 15580-bot
0430-0505	Mon-Fri	Kirundi	Great Lakes	7275-sao 7460-bot 9885-sao
0500-0530	Daily	Hausa	West Africa	1530-sao 4960-sao 6020-sao 6170-asc
0500-0600	Daily	English	Africa	909-bot 4930-bot 6080-sao 15580-bot
0505-0530	Mon-Fri	English	Great Lakes	7275-sao 7460-bot 9885-sao
0530-0630	Mon-Fri	French	Africa	1530-sao 4960-sao 6020-sao 9885-smg 13830-bot
0600-0700	Daily	English	Africa	909-bot 1530-sao 6080-sao 9550-sao 15580-bot
0700-0730	Daily	Hausa	West Africa	4960-sao 12070-sao 15175-bot
0830-0900	Wed/Sat	French	Africa	12030-sao 15715-smg 17700-bot
1030-1100	Daily	Somali	Horn of Africa	13580-kwt 15620-bot 17600-udo
1100-1130	Sat	French	Africa	12030-sao 13750-bot 15715-bot 17850-smg
1300-1400	Daily	Somali	Horn of Africa	15620-smg 17600-bot
1400-1500	Sat/Sun	Kirundi	Great Lakes	9885-sao 13630-bot 15300-smg
1400-1500	Daily	English	Africa	4930-bot 15580-bot 17885-bot
1500-1530	Daily	Hausa	West Africa	9765-sao 11850-sao 17700-bot
1500-1600	Daily	English	Africa	4930-bot 7455-bot 15580-bot 17895-sao
1530-1600	Mon-Fri	Hausa	West Africa	9600-sao 11850-sao 17700-bot
1600-1630	Daily	Kirundi	Great Lakes	11850-smg 13630-sao 15460-sao

Times/UTC	Days	Language	Target	kHz
1600-1630	Daily	English	Africa	909-bot 1530-sao 4930-bot 6080-sao 15580-bot 17895-bot
1600-1630	Mon-Fri	Amharic	Horn of Africa	1431-dji
1600-1630	Sat/Sun	Somali	Horn of Africa	1431-dji
1600-1800	Daily	Somali	Horn of Africa	11610-wof 11905-lam
1630-1700	Mon-Fri	English	Africa	909-bot 1530-sao 4930-bot 11850-mey 13865-wof 15180-sao 17895-bot
1630-1700	Daily	Swahili	East Africa	13750-kwt 15260-mey 15460-sao
1630-1700	Fri	Portuguese	Southern Africa	13630-bot 17655-sao
1630-1700	Sat/Sun	English	Africa	909-bot 1530-sao 4930-bot 6080-bot 15580-bot 17895-bot
1700-1730	Mon-Fri	Amharic	Horn of Africa	11690-sao 15580-bot
1700-1730	Daily	English	Africa	6080-sao 13590-kwt 15580-bot(sa/su) 17895-bot
1700-1800	Daily	Portuguese	Southern Africa	1530-sao 13630-bot 17655-gb
1700-1800	Daily	Studio 7	Zimbabwe	909-bot 4930-bot 13860-sao 15460-sao
1730-1800	Mon-Fri	English	Africa	6080-sao 9755-udo 11695-udo 11900-lam 12130-udo 13590-sao 15580-bot 17895-bot
1730-1800	Mon-Fri	Oromo	Horn of Africa	9485-wof 12040-mey 13765-kwt
1730-1800	Sat/Sun	English	Africa	6080-sao 13590-sao 15580-bot 17895-bot
1800-1830	Mon-Fri	Portuguese	Southern Africa	13630-bot 17655-gb
1800-1900	Daily	English	Africa	4930-bot 9755-udo 11695-udo 11900-lam 12130-udo 13590-udo 15580-bot
1800-1900	Daily	Amharic	Horn of Africa	9485-wof 12040-mey 13765-kwt
1800-1900	Mon-Fri	Studio 7	Zimbabwe	909-bot 13860-sao 15460-sao
1830-1900	Mon-Fri	Kirundi	Great Lakes	11850-bot 13630-sao
1830-1900	Daily	French	Africa	1530-sao 12075-bot 15730-smg
1900-1930	Mon-Fri	English	Africa	909-bot 4930-bot 9755-udo 11695-sao 11900-lam 12130-udo 13590-sao 15580-bot
1900-1930	Mon-Fri	Tigrinya	Horn of Africa	9485-wof 12040-dha 13765-kwt
1900-1930	Daily	French	Africa	1530-sao 9515-sao 12075-bot 15730-smg
1900-1930	Sat/Sun	English	Africa	909-bot 4930-bot 13590-sao 15580-bot
1930-2000	Mon-Fri	Kirundi	Great Lakes	9885-bot 11850-sao 12040-kwt
1930-2000	Daily	French	Africa	1530-sao 9515-sao 11900-sao 12075-bot 15730-gb
2000-2030	Daily	English	Africa	909-bot 1530-sao 4930-bot 6195-bot 15580-bot
2000-2030	Daily	French	Africa	9485-kwt 11900-sao 12075-bot 15730-gb
2030-2100	Daily	English	Africa	909-bot 1530-sao 4930-bot 4960-sao(sat/sun) 6195-bot 15580-bot
2030-2100	Mon-Sat	Hausa	West Africa	4960-sao(mon-fri) 6040-sao(mon-sat) 9765-wof(mon-sat) 11850-bot(mon-sat) 11900-sao(sat) 11975-smg(sat) 12075-sao(mon-sat)
2030-2100	Sat/Sun	French	Africa	9485-kwt 11900-sao(sun) 11975-smg(sun) 13750-sao
2100-2130	Mon-Fri	French	Africa	5885-bot 9485-kwt 12075-bot
2100-2200	Daily	English	Africa	1530-sao 6195-sao 15580-gb
2130-2200	Mon-Fri	Bambara	West Africa	5885-bot 9485-bot 12075-bot 15120-asc

BBC World Service

The BBC has the following transmissions for listeners in Africa.

Transmitter sites: Ascension Island (asc) - 125/250 kW; A'Seela, Oman (sla) - 250 kW; Dhabbaya, UAE (dha) - 250 kW; Kostinbrod, Bulgaria (sof) - 200 kW; Meyerton, South Africa (mey) - 100/250 kW; Moosbrunn, Austria (mos) - 300 kW; Talata Volonondry, Madagascar (mdc) - 250 kW; Woofferton, UK (wof) - 250/300 kW

Times/UTC	Days	Language	Target	kHz
0300-0400	Daily	Arabic	North Africa	639-zak 5875-wof 5995-dha
0400-0430	Daily	Somali	Horn of Africa	11995-mdc 13840-dha
0400-0500	Daily	Arabic	North Africa	639-zak 5875-wof
0400-0500	Daily	English	East Africa	9915-mdc 12095-dha
0500-0600	Daily	Arabic	North Africa	639-zak 12015-dha
0500-0600	Daily	English	Central Africa	7345-wof
0500-0600	Daily	English	East Africa	9915-mey 12095-mdc
0500-0600	Daily	English	Southern Africa	3255-mey 5925-asc 6190-mey
0500-0600	Daily	English	West Africa	5875-wof 6005-asc
0500-0600	Sat	Kirundi	Great Lakes	11945-mey 15490-mey
0529-0600	Daily	Hausa	West Africa	5975-wof 6135-asc 7305-asc
0529-0600	Sun	Kirundi	Great Lakes	11945-mey 15490-mey
0600-0629	Daily	French	Central Africa	7305-asc
0600-0629	Daily	French	North Africa	6135-wof 7265-wof
0600-0629	Daily	French	West Africa	5875-asc
0600-0700	Daily	Arabic	North Africa	639-zak 15315-sla
0600-0700	Daily	English	Central Africa	7345-asc 12095-mey
0600-0700	Daily	English	East Africa	15420-mey 17640-dha

Times/UTC	Days	Language	Target	kHz
0600-0700	Daily	English	Southern Africa	6190-mey 15400-mdc
0600-0700	Daily	English	West Africa	6005-asc 7325-wof
0629-0700	Daily	Hausa	West Africa	5975-asc 7305-asc 17830-dha
0700-0729	Daily	French	Central Africa	17830-dha
0700-0729	Daily	French	West Africa	7305-asc
0700-0800	Daily	English	Central Africa	9410-asc 15490-mey
0700-0800	Daily	English	East Africa	15420-mey 17640-dha
0700-0800	Daily	English	Southern Africa	6190-mey 15400-mdc
0700-0800	Daily	English	West Africa	7325-asc 9915-asc
1100-1130	Daily	Somali	Horn of Africa	15420-dha 17745-dha
1130-1330	Sat	Somali	Horn of Africa	17745-mey 21470-dha
1130-1700	Sat	Hausa	West Africa	17780-asc
1200-1230	Daily	French	Central Africa	17870-mey
1200-1230	Daily	French	North Africa	15490-wof
1200-1230	Daily	French	West Africa	17640-asc
1400-1430	Mon-Fri	Hausa	West Africa	17640-mey 17780-asc 21630-dha
1400-1500	Sun-Fri	Somali	Horn of Africa	12095-mdc 17745-mey 21470-dha
1500-1600	Daily	English	East Africa	12095-mdc 15420-mey
1500-1700	Sat	Somali	Horn of Africa	17745-mey 21470-asc
1600-1700	Daily	English	Central Africa	17830-asc
1600-1700	Daily	English	East Africa	7445-mdc 12095-mey
1600-1700	Daily	English	Southern Africa	3255-mey 6190-mey 15400-asc
1630-1700	Mon-Fri	Kirundi	Great Lakes	15420-mdc 17870-mey
1700-1800	Daily	Arabic	North Africa	9585-dha
1700-1800	Daily	English	Central Africa	17830-asc
1700-1800	Daily	English	East Africa	7445-mdc 9410-mey
1700-1800	Daily	English	Southern Africa	3255-mey 6190-mey
1700-1800	Daily	English	West Africa	15400-asc 17780-asc
1700-1930	Sat	Hausa	West Africa	15685-asc
1700-1930	Sat	Somali	Horn of Africa	7335-mey 9465-dha
1730-1750	Mon-Fri	Amharic	Horn of Africa	9600-sla 11720-dha 12095-mey
1750-1810	Mon-Fri	Oromo	Horn of Africa	9600-sla 11720-dha 12095-mey
1800-1830	Daily	French	Central Africa	12065-asc
1800-1830	Daily	French	Indian Ocean	7395-mey
1800-1830	Daily	French	North Africa	7265-wof
1800-1830	Daily	French	West Africa	11975-asc 15490-asc
1800-1830	Daily	Somali	Horn of Africa	6180-dha 9465-mey 11875-mey
1800-1900	Daily	Arabic	North Africa	639-zak 9585-dha
1800-1900	Daily	English	Central Africa	11810-asc
1800-1900	Daily	English	East Africa	7445-mdc 9410-dha
1800-1900	Daily	English	Southern Africa	3255-mey 6190-mey
1800-1900	Daily	English	West Africa	9915-wof 15400-asc
1810-1830	Mon-Fri	Tigrinya	Horn of Africa	9600-sla 11720-dha 12095-mey
1830-1850	Mon-Fri	Amharic	Horn of Africa	7505-sof 9600-sla 9885-mey
1850-1910	Mon-Fri	Oromo	Horn of Africa	7505-sof 9600-sla 9885-mey
1900-2000	Daily	Arabic	North Africa	639-zak 6145-dha
1900-2000	Daily	English	Central Africa	11810-asc
1900-2000	Daily	English	East Africa	7445-mdc 9410-dha
1900-2000	Daily	English	Southern Africa	3255-mey 6190-mey
1900-2000	Daily	English	West Africa	5875-wof 12095-asc
1910-1930	Mon-Fri	Tigrinya	Horn of Africa	7505-sof 9600-sla 9885-mey
1930-2000	Daily	Hausa	West Africa	9545-wof 11660-asc 15490-asc
2000-2030	Fri	Hausa	West Africa	9545-wof 11660-asc 15490-asc
2000-2100	Daily	Arabic	North Africa	639-zak 6145-sla
2000-2100	Daily	English	Central Africa	11810-asc
2000-2100	Daily	English	West Africa	5875-wof 12095-asc
2100-2200	Mon-Fri	English	Central Africa	11810-asc
2100-2200	Mon-Fri	English	West Africa	5875-wof 12095-asc

Radio France Internationale

Radio France Internationale has the following transmissions for listeners in Africa.

Transmitter site: Issoudun, France (iss) - 500 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

UTC	Days	Language	Target	kHz
0400-0500	Daily	French	Africa	7390-iss 9790-iss 11700-iss
0430-0500	Daily	Swahili	East Africa	9665-mdc
0500-0600	Daily	French	Africa	6040-iss 7390-iss 9790-iss
0530-0600	Daily	Swahili	East Africa	9670-iss 11790-mdc

UTC	Days	Language	Target	kHz
0600-0700	Daily	English	Central Africa	7245-iss 9735-iss
0600-0630	Daily	Hausa	West Africa	7295-iss 9805-iss 11995-iss
0600-0700	Daily	French	Africa	5925-iss 7390-iss 9790-iss 11700-iss 13695-iss 15300-iss
0700-0730	Daily	Hausa	West Africa	11760-iss 13740-iss
0700-0800	Daily	French	Africa	9790-iss 11700-iss 13695-iss 15300-iss 17850-iss 21580-iss
0800-0830	Daily	Mandinka	West Africa	15455-iss
0800-0900	Daily	French	Africa	13695-iss 15300-iss 17620-iss 17850-iss 21580-iss
1200-1230	Daily	Mandinka	West Africa	17815-iss
1200-1300	Daily	French	Africa	15300-iss 17620-iss 17660-iss 21580-iss 21690-mdc
1500-1600	Daily	Swahili	East Africa	21690-iss
1600-1700	Daily	Hausa	West Africa	15300-iss
1700-1730	Daily	Portuguese	Southern Africa	15485-iss
1700-1800	Daily	French	Africa	11995-iss 13685-iss 13740-iss 15300-iss 17620-iss 21580-iss
1800-1900	Daily	French	Africa	9590-iss 9660-iss 9725-iss 9810-iss 11765-iss 11995-iss
1900-1930	Daily	Portuguese	Southern Africa	9775-iss / 13740-iss 15300-iss
1900-2000	Daily	French	Africa	7245-iss 9580-iss 9635-iss 9680-iss 11995-iss 13740-iss 15300-iss
2000-2030	Daily	Hausa	West Africa	7380-iss
2000-2100	Daily	French	Africa	7205-iss 9790-iss
2100-2200	Daily	French	Africa	7205-iss 9790-iss

Deutsche Welle

Radio Deutsche Welle has the following transmissions for listeners in Africa.

Transmitter sites: Dhabbaya, UAE (dha) - 250 kW; Issoudun, France (iss) - 500 kW; Meyerton, South Africa (mey) - 250 kW; Pinheira, Sao Tome (sao) - 100 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

UTC	Days	Language	Target	kHz
0630-0700	Daily	Hausa	West Africa	7220-sao 9830-iss 11620-iss 11800-iss 13680-mey 15200-mey 17800-dha
1000-1100	Daily	Swahili	East Africa	15275-mdc 17710-mey
1300-1400	Daily	Hausa	West Africa	9830-sao 11620-sao 11980-sao 17800-iss 21780-dha
1425-1630	Sat	Hausa	West Africa	15195-iss 15320-iss 17840-iss
1600-1700	Daily	Amharic	Horn of Africa	11995-iss 13780-dha 13815-dha 15275-iss 17800-dha
1800-1900	Daily	Hausa	West Africa	9785-iss 9830-sao 13680-mey 15200-mey

Vatican Radio

Vatican Radio has the following transmissions for listeners in Africa.

Transmitter sites: Santa Maria di Galeria, Vatican (smg) - 100/250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0930-1050	Sun	Amharic	Horn of Africa	17590-smg
1530-1600	Daily	Amharic	Horn of Africa	13830-smg
1600-1615	Sat	Swahili	East Africa	11625-mdc 13830-smg
1600-1630	Sun-Fri	Swahili	East Africa	11625-mdc 13830-smg
1615-1630	Sat	Somali	Horn of Africa	11625-mdc 13830-smg
1630-1700	Daily	English	Africa	11625-mdc 13830-smg
1700-1730	Daily	French	Africa	9705-smg 11625-smg
1730-1800	Daily	Tigrinya	Horn of Africa	11625-mdc
1800-1830	Daily	Portuguese	Africa	9705-smg
1940-2000	Daily	Latin (Liturgy)	West Africa	6010-smg 7365-smg
2000-2030	Daily	English	West Africa	6010-smg 7365-smg
2030-2100	Daily	French	West Africa	6010-smg 7365-smg
2100-2130	Daily	Portuguese	Africa	7365-smg

Christian Broadcasts to Africa

Adventist World Radio

Adventist World Radio was founded in 1971 and is the "radio mission arm" of the Seventh-day Adventist Church. It utilizes AM, FM, Shortwave, satellite, podcasting, and the Internet ... broadcasting in 77 major language groups of the world with a potential coverage of 80% of the world's population. AWR's headquarters is in Silver Spring, Maryland.

Transmitter sites: Issoudun, France (iss) - 250 kW; Meyerton, South Africa (mey) - 250 kW; Moosbrunn, Austria (mos) - 300 kW; Nauen, Germany (nau) - 125/250 kW; Talata Volonondry, Madagascar (mdc) - 250 kW; Trincomalee, Sri Lanka (trm) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0300-0330	Daily	Tigrinya	Horn of Africa	7350-nau
0300-0330	Daily	Oromo	Horn of Africa	15500-trm
0300-0400	Daily	Malagasy	Madagascar	6065-mdc
0400-0430	Daily	Amharic	Horn of Africa	15500-trm
0430-0500	Daily	French	North Africa	6045-nau
0500-0530	Daily	Hausa	West Africa	9630-mos
0500-0600	Daily	Arabic	North Africa	17780-trm

Times/UTC	Days	Language	Target	kHz
0600-0630	Daily	French	North Africa	7220-iss 7375-iss
0600-0700	Daily	Arabic	North Africa	11880-mos
0700-0730	Daily	French	West Africa	11880-iss
0700-0800	Daily	Arabic	North Africa	11980-nau
0800-0830	Daily	French	North Africa	15145-mos
0800-0830	Daily	Kabyle	North Africa	15160-nau
0830-0900	Daily	Tachelhit	North Africa	15145-nau
1400-1500	Daily	Malagasy	Madagascar	6055-mdc
1430-1500	Daily	Afar	Horn of Africa	17605-mos
1630-1700	Daily	Tigrinya	Horn of Africa	11955-nau
1630-1700	Daily	Amharic	Horn of Africa	12035-nau
1630-1700	Daily	Somali	Horn of Africa	15490-iss
1700-1730	Daily	Swahili	East Africa	11720-mdc 11800-mey
1730-1800	Daily	Kabyle	North Africa	9800-iss
1730-1800	Daily	Oromo	Horn of Africa	11870-iss
1730-1800	Daily	Maasai	East Africa	15490-mey
1800-1900	Daily	Arabic	North Africa	7225-mos
1830-1900	Daily	English	Central Africa	15155-trm
1900-1930	Daily	Hausa	West Africa	7275-mos
1900-1930	Daily	Wolof	West Africa	9895-nau
1900-2000	Daily	Arabic	North Africa	6120-nau 11985-mdc
1930-2000	Daily	Tachelhit	North Africa	7205-nau
1930-2000	Daily	French	Central Africa	9780-mos
1930-2000	Daily	Igbo	West Africa	9850-mey
1930-2000	Daily	Fulfulde	West Africa	11790-mey
2000-2030	Daily	Dyula	West Africa	6070-mos 7310-mos
2000-2030	Daily	French	North/West Africa	9515-mdc 9780-mey
2000-2030	Daily	Mossi	West Africa	17570-mdc
2030-2100	Daily	French	West Africa	7270-mos
2030-2100	Daily	Yoruba	West Africa	9780-mey
2100-2130	Daily	English	West Africa	7270-mos

Bible Voice Broadcasting

The Voice of Hope radio ministry was founded by George Otis in 1979.

Transmitter sites: Nauen, Germany (nau) - 100/250 kW; Kostinbrod, Bulgaria (sof) - 250 kW.

Times/UTC	Days	Language	Target	kHz
0500-0515	Daily	Arabic	North Africa	11655-nau
1600-1630	Sun-Tue	Oromo	Horn of Africa	15310-nau
1600-1700	Sat	Somali	Horn of Africa	15310-nau
1630-1700	Mon-Fri	Amharic	Horn of Africa	15310-nau
1630-1700	Sun	Somali	Horn of Africa	15310-nau
1630-1700	Daily	Nuer	Sudan	15350-nau
1700-1730	Mon	Tigrinya	Horn of Africa	15310-nau
1700-1800	Sun	Amharic	Horn of Africa	15310-nau
1730-1800	Mon	Somali	Horn of Africa	15310-nau
1800-1830	Sat	Tigrinya	Horn of Africa	15310-nau
2030-2045	Daily	Arabic	North Africa	9400-sof

Note: B-18 frequencies to be confirmed at the time editing.

IBRA Radio

IBRA Media (IBRA Radio) is an international Christian broadcasting and media group founded in 1948 by Lewi Pethrus in Sweden. IBRA broadcasts Christian programmes to more than 100 countries.

Transmitter sites: Dhabbaya, UAE (dha) - 250 kW; Woofferton, UK (wof) - 300 kW; Yerevan, Armenia (erv) - 300 kW.

Times/UTC	Days	Language	Target	kHz
1600-1630	Daily	Afar	Horn of Africa	11655-dha
1600-1700	Daily	Amharic	Horn of Africa	9540-erv 12125-erv
1700-1730	Daily	Somali	Horn of Africa	6180-dha
1700-1730	Daily	Oromo	Horn of Africa	9630-dha
1730-1800	Daily	Somali	Horn of Africa	6180-dha
1730-1800	Daily	Silte	Horn of Africa	7510-erv
1730-1800	Daily	Tigrinya	Horn of Africa	9540-dha
1730-1900	Daily	Arabic	North-East Africa	9635-wof

Trans World Radio

Trans World Radio (TWR) is a multinational evangelical Christian media distributor. These transmissions are in addition to those in the TWR Swaziland schedule (see entry for eSwatini).

Transmitter sites: Dhabbaya, UAE (dha) - 250 kW; Grigoriopol, PMR (kch) - 300 kW.

Times/UTC	Days	Language	Target	kHz
0330-0345	Mon/Fri/Sun	Amharic	Horn of Africa	7245-dha
0330-0345	Tue	Oromo	Horn of Africa	7245-dha
0330-0345	Wed/Thu	Sidamo	Horn of Africa	7245-dha
1300-1315	Thu-Sun	Afar	Horn of Africa	17680-dha
1630-1700	Mon-Say	Somali	Horn of Africa	15105-kch
1800-1815	Mon-Thu	Tigrinya	Horn of Africa	7245-kch
1800-1830	Sat	Tigre	Horn of Africa	7245-kch
1800-1830	Sun	Kunama	Horn of Africa	7245-kch
1815-1845	Mon-Fri	Tigrinya	Horn of Africa	7245-kch
1830-1845	Sat	Tigrinya	Horn of Africa	7245-kch

Reach Beyond

World Radio Missionary Fellowship, Inc., also known as Reach Beyond (formerly HCJB Global), is a corporate entity and nonprofit, noncommercial, interdenominational worldwide missionary organization with headquarters in Colorado Springs, Colorado. It began in 1931 as Radio Station HCJB in Quito, Ecuador, South America.

Transmitter sites: Woofferton, UK - 250 kW.

Times/UTC	Days	Language	Target	kHz
2100-2115	Daily	Tachelhit	North Africa	7300
2115-2145	Daily	Arabic	North Africa	7300

Pan American Broadcasting - Radio Africa Network

Pan American Broadcasting hires airtime from Radio Miami International.

Transmitter site: Okeechobee, Florida - 100 kW.

Times/UTC	Days	Language	Target	kHz
1400-2100	Daily	English	Africa	21525

Radio Sawtu Linjiila (Radio Voice of the Gospel)

Radio Sawtu Linjiila is a broadcast from the Lutheran World Federation for Fulani listeners in West Africa.

Transmitter site: Issoudun, France - 500 kW.

Times/UTC	Days	Language	Target	kHz
1830-1900	Daily	Fulani	West Africa	9800

Follow The Bible Ministries

Follow The Bible Ministries is a California-based non-profit, non-commercial Christian Broadcasting Ministry.

Transmitter sites: Ascension Island - 250 kW

Times/UTC	Days	Language	Target	kHz
1900-1930	Sun	English	Southern and West Africa	12005 12030

Radio Akhbar Mufriha

Radio Akhbar Mufriha is a Christian radio service that broadcasts youth programmes in Hassinya and Pulaar.

Transmitter sites: Ascension Island - 250 kW.

Times/UTC	Days	Language	Target	kHz
2145-2215	Mo/Th/Sa	Hassinya	North-West Africa	9530
2145-2215	Tue/Fri/Sun	Pulaar	North-West Africa	9530

Long and mediumwave stations in Africa

Longwave

kHz	ITU	Station	Location	kW	Schedule
153	ALG	RTA Chaîne 1	Béchar	2000	24 hours in Arabic; irregular and on low power
171	MRC	Medi 1	Nador	250	24h in Arabic/French
198	ALG	RTA Chaîne 1	Ouargla	2000	24 hours in Arabic; irregular and on low power
207	MRC	SNRT National Network	Azilal	400	currently inactive
252	ALG	RTA Chaîne 3	Tipaza	1500	24h in French; half-power 1900-0600

Mediumwave

kHz	ITU	Station	Location	kW	Schedule
531	ALG	RTA Jil FM	F'kirina Wilaya	600	24h in Arabic/French/Tamazight
	BOT	R Botswana	Maun	50	24h in Setswana and English
540	AFS	Sport 540 AM	Meyerton		planned
	MRC	SNRT National Network	Sidi Bennour	300	24h in Arabic
	MWI	MBC Radio 1	Mangochi	10	24h in English/Chichewa
	NIG	Sokoto State BC, Rima R	Sokoto	50	0430-2305 in English/local languages
	SDN	SRTC South Darfur State R	Nyala	50	0300-2100 in Arabic
549	ALG	RTA Jil FM	Sidi Hamadouche	600	24h in Arabic/French/Tamazight
	GAB	RTG Chaîne 2	Oyem	20	1030-1430, 1600-2230 in French/local langs
	NIG	Ekiti State BC	Ado	25	0430-2305 in English/local languages
558	ALG	RTA R Ouargla	Touggourt	10	24h in Arabic
	BOT	R Botswana	Muchenje	50	24h in Setswana and English
	EGY	ERTU Educational Prgr	Cairo	100	1000-0000 in Arabic
	KEN	KBC Western Sce	Kapsimotwa	20	0300-1905 in local languages
	MWI	MBC Radio 1	Karonga	10	24h in English/Chichewa
567	AFS	Cape Talk	Cape Town	25	24h in English
	KEN	KBC R Taifa	Garissa	50	0200-2110 in Swahili
	NIG	FRCN R Nigeria Ibadan	Alaho	50	0430-2305 in English/local languages
	NIG	Imo BC	Owerri	50	0425-2305 in English/local languages
576	AFS	R Veritas	Meyerton	50	24h in English
	ALG	RTA R Béchar	Béchar	400	24h in Arabic; half-power 1900-0600
	CNR	RNE R Nacional	Las Palmas	20	24h in Spanish
	NIG	FRCN R Nigeria Ibadan	Moniya	25	0430-2305 in English/local languages
	UGA	UBC West/Star FM	Mityana	100	0300-2105 in local languages
585	TUN	R Tunisienne	Gafsa	350	0400-0000 in Arabic
	ZAN	Zanzibar BC	Chumbuni	50	0900-2100 in Swahili
594	MWI	MBC Radio 1	Lilongwe	25	24h in English/Chichewa
	NIG	FRCN R Nigeria Kaduna	Jaji	200	0400-2305 in Hausa
595	MRC	SNRT National Network	Oujda	50	24h in Arabic
603	EGY	ERTU Holy Qur'an Prgr	Sohag	50	0200-2200 in Arabic
	NIG	Borno RTV Corp	Maiduguri	50	0400-2305 in English/local languages
	NIG	Ogun State BC	Abeokuta	25	0400-0000 in English/local languages
	TZA	TBC Taifa	Dodoma	10	24h in Swahili
612	KEN	KBC R Taifa	Ngong	100	0200-2110 in Swahili
	MRC	SNRT National Network	Sebaâ-Aioun	300	24h in Arabic
	NIG	Kwara State BC	Ilorin	50	0400-2305 in English/local languages
621	BOT	R Botswana	Selebi-Phikwe	100	24h in Setswana and English
	CNR	RNE R Nacional	Las Mesas	300	24h in Spanish
	EGY	ERTU Voice of the Arabs	Batra	1000	24h in Arabic
	TZA	TBC Taifa	Mbeya	10	24h in Swahili
630	MDG	R Madagasikara	Antananarivo	50	0300-1900(2200ss) in Malagasy and French
	TUN	R Tunisienne	Tunis	300	24h in Arabic
639	KEN	KBC Iftiin FM	Garissa	50	Prgs in Somali (subject to confirmation)
	LSO	LNBS R Lesotho	Lancer's Gap	100	24h in Sesotho/English
	NIG	Kaduna State Media Corp	Katabu	25	0430-2330 in English/local languages
	SDN	SRTC N Kurdufan State R	El Obeid	10	0300-2100 in Arabic
648	BOT	R Botswana	Mopipi	50	24h in Setswana and English
657	AFS	R Pulpit/R Kansel	Meyerton	50	24h in English/Afrikaans
	NIG	FRCN R Nigeria Ibadan	Ibadan	100	0430-2305 in English/local languages
666	ALG	RTA R Tindouf	Tindouf	10	24h in Arabic
	REU	Réunion Première	St Pierre	20	24h in French
	SDN	SRTC Kassala State R	Kassala	5	0300-2100 in Arabic

kHz	ITU	Station	Location	kW	Schedule
675	KEN	KBC R Taifa	Marsabit	50	0200-2110 in Swahili
	LBY	Libyan National Radio	Benghazi	100	24h in Arabic
	MWI	MBC Radio 1	Ekwindeni	50	24h in English/Chichewa
684	ETH	R Ethiopia National Sce	Metu	100	0300-2100 in Amharic/local languages
	MAU	RM1, R Maurice	Malherbes	10	24h in French/English
	TUN	R Tunisienne	Medenine	10	0400-0000 in Arabic
693	ALG	RTA R Adrar	Reggane	10	24h in Arabic
	ALG	RTA Chaîne 2	Aboudid	5	24h in Tamazight
	BOT	R Botswana	Shakawe	25	24h in Setswana/English
	SSD	South Sudan National R	Juba	40	0345-0700, 1245-1832 in Arabic/English/local
702	AFS	LM Radio	Welgedacht		24h in English
	ALG	RTA R Laghouat	Laghouat	25	24h in Arabic/French
	EGY	ERTU El Wady El Gadid R	El Kharga	10	0400-2200 in Arabic
	EGY	ERTU S Upper Egypt R	Aswan	10	0200-2200 in Arabic
711	EGY	ERTU Youth & Sports Prgr	Cairo	100	24h in Arabic
	MRC	SNRT Regional Sce	Laâyoune	300	24h, Laâyoune and Dakhla regional prgrs
	TZA	TBC Taifa	Kigoma	10	0200-2100 in Swahili
720	CNR	RNE R5	Santa Cruz	10	24h in Spanish
	TZA	TBC Taifa	Mwanza	10	24h in Swahili
729	AFS	Cape Pulpit	Cape Town	25	24h in English/Afrikaans/Zulu/Xhosa
	NIG	Kano State BC	Jogana	50	0430-2320 in English/local languages
738	ALG	RTA R Illizi	In Aménas	5	24h in Arabic
	MOZ	RM Antena Nacional	Maputo	50	currently inactive
747	CNR	RNE R5	Mesas de Galaz	25	24h in Spanish
	KEN	KBC Mwatu FM/Nosim FM	Ngong	100	0200-2100 in Kamba & Masai
	NIG	Nagarta R, Voice of Unity	Katabu	60	0430-2305 in English/local languages
	SDN	SRTC Khartoum State R	Khartoum	10	0300-0700 & 1300-1900 in Arabic
	SDN	SRTC Red Sea State R	Port Sudan	5	0330-2100 in Arabic
756	EGY	ERTU S Upper Egypt R	Qena	10	0200-2200 in Arabic
	MWI	MBC Radio 1	Blantyre	10	24h in English/Chichewa
	NIG	Oyo State BC	Ibadan	100	0400-2200 in English/local languages
765	MOZ	Em Prov de Nampula	Nampula	50	24h in Portuguese
	SDN	SRTC General Prgr	Omdurman	50	24h in Arabic
774	EGY	ERTU Middle East Prgr	Abis	500	24h in Arabic
783	ALG	RTA R Oued	Souf El Oued	10	24h in Arabic
	ALG	RTA R Illizi	Djanet	5	24h in Arabic
	MTN	R Mauritanie	Nouakchott	50	currently inactive
	SDN	SRTC River Nile State R	Atbara	5	0300-2100 in Arabic
801	ETH	Amhara State Regional R	Bahir Dar	100	0300-0600, 0900-1100, 1400-2100 in Amharic
	NIG	Yobe State BC	Damaturu	20	0500-2300 in English/local languages
	NIG	R Kebbi	Zuru	1	0500-2300 in English/local languages
	SDN	SRTC North Darfur State R	Al-Fashir	5	0300-2100 in Arabic
810	MOZ	Em Prov de Gaza	Xai-Xai	50	24h in Portuguese
	MWI	MBC Radio 1	Bangula	10	24h in English/Chichewa
819	EGY	ERTU General Prgr	Batrah	1000	24h in Arabic
	MAU	RM2, R Mauritius	Malherbes	10	24h in Indian languages
	SDN	SRTC Northern State R	Dongola	5	0300-2100 in Arabic
828	AFS	Magic 828 AM	Cape Town	25	24h in English
	ETH	R Ethiopia National Sce	Arba Minch	100	0300-2100 in Amharic/local languages
	NIG	FRCN R Nigeria Enugu	Enugu	25	0430-2315 in English/local languages
837	ALG	RTA Chaîne 3	Béchar	5	0500-0100 in French
	CNR	COPE Gran Canaria	Las Palmas	10	24h in Spanish
	ETH	R Oromiya	Robe	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
	TZA	TBC Taifa	Kunduchi	1	0200-2100 in Swahili
840	ERI	Eritrean Radio - Prgr 2	Asmara-Selea Daro	100	0355-1000, 1300-1830v in regional languages
846	AFS	Umhlobo Wenene FM	Komga	50	24h in Xhosa
855	ETH	R Ethiopia National Sce	Harar	100	0300-2100 in Amharic/local languages
864	EGY	ERTU Holy Qur'an Prgr	Santah	500	24h in Arabic
873	ALG	RTA R Ghardaia	Ghardaia	10	24h in Arabic
	BOT	R Botswana	Ghanzi	50	24h in Setswana/English
	ETH	R Ethiopia National Sce	Addis Ababa	100	0300-2100 in Amharic/local languages
	MOZ	Em Prov de Sofala	Beira	50	24h in Portuguese
	SDN	SRTC Al Jazirah State R	Wad Madani	10	0300-2100 in Arabic
	SDN	SRTC Northern State R	Wadi Halfa	5	0300-2100 in Arabic
882	CNR	COPE, Tenerife	La Laguna, Tenerife	20	24h in Spanish
	EGY	ERTU General Prgr	Matruh	10	1100-0700 (Fri 24h) in Arabic

kHz	ITU	Station	Location	kW	Schedule
891	ALG	RTA Chaîne 1	Ouled Fayet	600	24h in Arabic; half-power 1900-0600
	ETH	R Ethiopia National Sce	Dese, Amhara	100	0300-2100 in Amharic/local languages
	LSO	LNBS Ultimate FM	Lancer's Gap	50	24h in English
	SDN	SRTC Sennar State R	Singa	5	0300-2100 in Arabic
909	ALG	RTA Chaîne 1	Tamanrasset	10	24h in Arabic
	BOT	Voice of America relay	Selebi-Phikwe	600	0300-0700 & 1600-2100 in English, includes VOA Studio 7 prgrs for Zimbabwe in Shona & Nbebele 1700-1800 & "Live Call" 1800-1900mf
	NIG	FRCN R Nigeria Abuja	Gwagwalada	50	0530-2305 in English/local languages
	UGA	West Nile FM	Kampala	20	relay 94.1 FM
917	NIG	R Gotel	Yola	50	0500-2305 in English/local languages
918	EGY	ERTU General Prgr	Bawti	10	24h in Arabic
	ETH	Al Sharq / Voice of Dawn	Mekele	100	0250-0600, 1400-2000 in Tigrinya/Arabic
	NIG	R Benue	Makurdi	50	0430-2305 in English/local languages
927	ALG	RTA R Adrar	Timimoun	10	24h in Arabic
936	EGY	ERTU Om Kalthoum Prgr	Cairo	50	1500-2000 in Arabic
	EGY	ERTU General Prgr	Sallum	10	24h in Arabic
	MRC	SNRT National Network	Agadir	400	24h in Arabic
945	AGL	R N'gola Yetu	Luanda	25	0000(0100mo)-2000(2100su) in Nat Langs
	AGL	RNA International Sce	Luanda	25	2000-2100 Lingala, 2100-2200 French, 2200-2300 English, 2300-0000 in Portuguese (all times one hour later on Sundays)
	BOT	R Botswana	Mmathethe	25	24h in Setswana/English
	NIG	R Kebbi	Birnin Kebbi	10	0500-2300 in English/local languages
	STP	R Nacional de São Tomé	Pinheira	20	24h in Portuguese
	SDN	SRTC S Kordufan State R	Al-Foula	5	0300-2100 in Arabic
950	ERI	Eritrean Radio - Prgr 1	Asmara-Selea Daro	100	0255-1000, 1300-1830v in Tigrinya/Tigre/Kunama
954	ETH	Sidama Community R	Irgalem	2.5	current status subject to confirmation
963	MOZ	Em Prov de Tete	Tete	50	24h in Portuguese
	SDN	SRTC Gen Prg/R As-Salem	Khartoum	100	0200-2100 in Arabic
	TUN	R Tunis Chaîne Int.	Tunis	100	0000-1300 French, 1300-1400 English, 1400-1500 German, 1500-1600 Italian, 1600-1900 French, 1900-2000 Spanish, 2000-0000 French
972	BOT	R Botswana	Takatokwane		24h in Setswana/English
	ETH	R Ethiopia National Sce	Robe	100	0300-2100 in Amharic/local languages
	MEL	RNE R Nacional	Melilla	5	24h in Spanish
	NIG	Katsina State R	Katsina	25	0430-2300 in English/local languages
	NIG	R Kogi	Otite	10	0500-2300 in English/local languages
981	ALG	RTA Chaîne 2	Ouled Fayet	100	24h in Tamazight
	EGY	ERTU N Upper Egypt R	Asyut	10	0200-2200 in Arabic
	EGY	ERTU General Prgr	Abu Simbel	1	24h in Arabic
	EGY	ERTU General Prgr	Baris	1	0300-0000 in Arabic
989	ETH	R Ethiopia External Sce	Addis Ababa	1	1200-1830 (see External Service schedule)
990	NIG	Bauchi R Corp	Bauchi	40	0430-2300 in English/local languages
	NIG	Lagos State BC	Ikeja	10	0430-0005 in English/local languages
999	UGA	UBC R	Kabale	100	irregular
1008	EGY	ERTU El Arish R	El Arish	100	0600-1500 in Arabic, 1500-1600 in Russian, 1600-1640 in English, 1640-1700 in French, 1700-2200 in Hebrew
	EGY	ERTU N Upper Egypt R	Faiyum	10	0400-2000 in Arabic
	EGY	ERTU General Prgr	Farafra	1	24h in Arabic
	MOZ	Em Prov de Maputo	Maputo	50	24h in Portuguese
	NIG	Niger State Media Corp	Kontagora	10	0430-2130 in English/local languages
	NIG	Osun State BC	Iree	10	0500-2300 in English/local languages
1026	ALG	RTA R Ourgla	Hassi Messaoud	10	24h in Arabic
	NIG	Jigawa BC	Dutse	25	0500-2205 in English/local languages
	MOZ	Em Prov de Manica	Chimoio	50	24h in Portuguese
	SDN	SRTC Blue Nile State R	Ad-Damazin	5	0300-2100 in Arabic
1035	ETH	R Oromiya	Adama	10	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
1044	ETH	R Ethiopia National Sce	Mekele	100	0300-2100 in Amharic/local languages
1053	ETH	R Oromiya	Nekemte	100	0300-0600, 0900-1100, 1530-2000; 0300-2000ss
	LBY	Libyan National Radio	Tripoli	100	24h in Arabic
1071	ALG	RTA Chaîne 1	Illizi	5	24h in Arabic
	BOT	R Botswana	Jwaneng	25	24h in Setswana/English
	EGY	ERTU Adults Prgr	Cairo	100	0300-1500 in Arabic

kHz	ITU	Station	Location	kW	Schedule
1080	EGY	ERTU General Prgr	El Minya	100	0300-0000 in Arabic
	EGY	ERTU General Prgr	Luxor	10	0300-0000 in Arabic
	ETH	R Fana	Addis Ababa	3	0300-1900 in Amharic
1089	ALG	RTA R Adrar	Adrar	5	24h in Arabic
1107	KEN	KBC R Taifa	Maralal	100	0200-2110 in Swahili
	NIG	FRCN R Nigeria Kaduna	Jaji	25	0400-2300 in English/local langs
1134	AGL	RNA Canal A	Luanda	10	24h in Portuguese
	NIG	Cross River State BC	Ogoja	10	0430-2315 in English/local languages
1152	KEN	KBC R Taifa	Wajir	50	0200-2110 in Swahili
1161	ALG	RTA R Tamanrasset	In Salah	5	24h in Arabic
	EGY	ERTU Mid-Delta Prgr	Tanta	100	0400-2000 in Arabic
1170	SWZ	TWR Swaziland	Mpangela Range	100	1800-2015 in English, 2015-2115 in Zulu, 2115-2200 in Shona
1179	CNR	SER Tenerife	Santa Cruz de Ten.	25	24h in Spanish
	EGY	ERTU General Prgr	Quena	10	0300-0000 in Arabic
	MOZ	Em Prov de Zambezia	Quelimane	50	24h in Portuguese
1188	EGY	ERTU General Prgr	Ras Gharib	10	0300-0000 in Arabic
1197	LSO	LNBS Ultimate FM	Lancer's Gap	50	24h in English
1206	MOZ	Em Prov de Inhambane	Inhambane	50	24h in Portuguese
	ROD	RM1, R Maurice	Citronelle	1	24h in French/English; local prgr 1400-1415
1215	BOT	R Botswana	Mahalapye	50	24h in Setswana/English
	REU	Réunion Première	St André	5	24h in French
	TZA	TBC Taifa	Arusha	10	24h in Swahili
1224	MOZ	Em Prov de Cabo Delgado	Pemba	50	24h in Portuguese
	NIG	R Plateau	Jos	50	0500-2300 in English/local languages
1233	KEN	KBC English/NE Sce	Marsabit	50	0200-2110 in English/local languages
1260	MOZ	Em Prov do Niassa	Lichinga	50	24h in Portuguese
1269	AFS	ArrowLine Chinese R	Edenvale	2	24h in Chinese
	NIG	Taraba State BC	Jalingo	10	0500-2300 in English/local languages
1278	EGY	ERTU General Prgr	Aswan	10	0300-0000 in Arabic
1290	AGL	Em Prov do Zaire	Soyo	5	24h in Portuguese/local languages
1296	SDN	SRTC General Prgr	Reiba	600	24h in Arabic
1305	EGY	ERTU General Prgr	Asyut	10	0300-0000 in Arabic
	KEN	KBC Iftiin FM	Wajir	50	Prgrs in Somali
1314	EGY	ERTU General Prgr	Hurghada	10	0300-0000 in Arabic
	EGY	ERTU General Prgr	Nag Hamadi	1	0300-0000 in Arabic
	EGY	ERTU S Upper Egypt R	Abu Simbel	1	0200-2200 in Arabic
1323	TZA	R One	Moshi	10	24h in Swahili
1341	EGY	ERTU Songs/Cultural Prgr	Cairo	100	0500-0100 in Arabic
	EGY	ERTU General Prgr	Idfu	10	0300-0000 in Arabic
	EGY	ERTU General Prgr	Siwa	10	24h in Arabic
	EGY	ERTU HQ/Y&S/Educ Prgr	Bawiti	10	0200-2200 in Arabic
1350	BOT	R Botswana	Tshabong	50	24h in Setswana/English
	EGY	ERTU General Prgr	Qusayr	10	0300-0000 in Arabic
1359	ETH	Voice of Tigray Revoution	Mekele	100	0300-2000 in Tigrinya/Afar
1368	EGY	ERTU General Prgr	El Kharga	10	0300-0000 in Arabic
	EGY	ERTU HQ/Y&S/Educ Prgr	El Farafra	10	0200-2200 in Arabic
	SEY	SBC R	Victoria	10	0200-1800 in Creole/English/French
1377	TZA	R Free Africa	Mwanza	50	24h in Swahili/English
1386	EGY	ERTU S Upper Egypt R	Luxor	10	0200-2200 in Arabic
	EGY	ERTU General Prgr	Baranis	1	0300-0000 in Arabic
	KEN	KBC English/NE Sce	Maralal	100	0200-2110 in English/local languages
1404	MWI	MBC Radio 1	Chitipa	10	24h in English/Chichewa
1422	AFS	Hellenic R	Bedfordview	1	24h in Greek/English
	ALG	RTA various services	Algiers	40	24h in Arabic/French
	EGY	ERTU HQ/Y&S/Educ Prgr	Gharib	10	0200-2200 in Arabic
	EGY	ERTU Matruh R	Salum	10	0200-2200 in Arabic
	MWI	MBC Radio 1	Matiya	10	24h in English/Chichewa
1431	DJI	Radio Sawa relay	Djibouti	600	1645-0400 in Arabic
	DJI	Voice of America relay	Djibouti	600	1600-1630mf in Amharic, 1600-1630ss in Somali
1440	AFS	R Pulpit	Kameeldrift	10	DRM Tests, English/Afrikaans
	NIG	Adamawa BC	Yola	10	0430-2300 in English/local languages
	TZA	R One	Dar-es-Salaam	50	24h in English; irregular
1458	MYT	Mayotte Première	Pamandzi	5	0000(0145su)-1900(1830su) in French/Mahorian
1476	EGY	ERTUN Upper Egypt R	El Minya	10	0200-2200 in Arabic

kHz	ITU	Station	Location	kW	Schedule
1485	AFS	R Today	Johannesburg	1	24h in English
	ETH	R Ethiopia National Sce	Negele	10	0300-2100 in Amharic/local languages
	MEL	SER R Melilla	Melilla	1	24h in Spanish
	SDN	SRTC Al-Qadarif State R	Al-Qadarif	5	0300-2100 in Arabic
1503	EGY	ERTU North Sinai R	El Arish	25	0400-2300 in Arabic; also broadcasts Matruh R
1530	STP	Voice of America relay	Pinheira	600	0300-0430 in English, 0500-0530 in Hausa, 0530-0600mf in French, 0600-0700 in English, 1600-1700 in English, 1700-1800 in Portuguese, 1830-2000 in French, 2000-2200 in English
1548	AFS	R Islam	Lenasia	10	24h in English (Islamic)
1550	SAH	National R of SADR	Rabouni	50	0700-1300 & 1700-2300 in Arabic/Hassaniyya
1566	BEN	TWR Benin	Parakou	100	0315(0335ss)-0545 and 1725-2230(2215ss) in English/French/West African languages
1575	EGY	ERTU HQ/Y&S/Educ Prgr	Al-Qusayr	10	0200-2200 in Arabic
	MAU	BBC World Service relay	Bigara	2	24h in English
1584	AFS	Radio 1584	Pretoria	0.25	24h in English (Islamic)
	CEU	Radiolé Costa del Estrecho	Ceuta	5	24h in Spanish
	EGY	ERTU S Upper Egypt R	Idfu	10	0200-2200 in Arabic
	EGY	ERTU El Wady El Gadid R	Baris	1	0400-2200 in Arabic
	SDN	SRTC White Nile State R	Kosti	5	0300-2100 in Arabic
1593	EGY	ERTU Matruh R	Matruh	10	0200-2200 in Arabic
1602	EGY	ERTU Matruh R	Siwa	10	0200-2200 in Arabic
	EGY	ERTU S Upper Egypt R	Nag Hamadi	10	0200-2200 in Arabic
	SDN	SRTC S Kurdufan State R	Kaduqli	5	0300-2100 in Arabic

British DX Club Africa on Mediumwave and Shortwave

Compiled by Tony Rogers

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If you can provide updated information or corrections, please contact the editor at tony@bdxc.org.uk
Thank you!

Africalist

For a complete and up-to-date frequency-order list of Sub-Saharan African radio
stations broadcasting on shortwave, see Thorsten Hallman's highly recommended
"africalist" at www.muenster.org/uwz/ms-alt/africalist/

DX Listening Digest

For the latest shortwave news visit Glenn Hauser's World of Radio at www.worldofradio.com

Bulgarian DX Blog

Latest shortwave reports and schedules at <http://swldxbulgaria.blogspot.co.uk/>