

ACTIVE - INACTIVE SWBC COUNTRIES

(per the NASWA Country List)

v. 2021.2, December 31, 2021

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**Please note that this document is
not being updated after
December 31, 2021.**

This table shows which SWBC radio countries, as defined by the NASWA Country List, are active or inactive. How NASWA defines radio countries, and the overall philosophy behind the NASWA list, are explained in the [“NASWA Country List & Award Program”](#) and covered more fully in [“Counting Countries—An In Depth Look”](#) by the late Don Jensen, which appeared in the 1989 *Proceedings*. This table essentially reproduces the NASWA list and adds the first column and the last two columns.

In general, a country is considered active when a transmitter site within that country is being used. Example: If the national broadcaster of country A transmits via a transmitter in country A, country A is considered active. If the same station transmits via a transmitter in country B, country B is considered active and country A is considered inactive (unless another station is transmitting from country A). So, with a few exceptions where hobby tradition rules (e.g. Monaco transmitters in France count as Monaco, Vatican transmitters in Italy proper count as Vatican), it is the transmitter site that counts. *No effort has been made to reflect the many situations wherein a broadcaster whose transmitters in its own country have closed down continues in operation over a leased-time transmitter in another country.*

Because historical information on the status of stations is sometimes uncertain or imprecise, many entries are marked with a “c.” for “circa,” signifying that the month or year is approximate.

This project is an ongoing, “best effort” work in progress, intended to serve as a guide to the state of SWBCing for SWLing purposes. The irregular operation of some stations can make a definitive assessment of their activity impossible. The shortwave broadcasting scene is constantly changing, and users are urged to submit corrections, or expanded or updated information, so that the table can be revised from time to time.

References to the [SWBC Schedules Combined List](#) are as of the date indicated. For information on low-power European activity, see the list, “European Private Shortwave Stations,” compiled periodically by Stig Hartvig Nielsen (shn@wmr.dk).

SUMMARY OF ACTIVITY AS OF DECEMBER 31, 2021

	<u>LISTED COUNTRIES</u>	<u>Active</u>	<u>Active- Pirate only</u>	<u>Inactive</u>
Africa	69	22		47
Antarctica	1	1		0
Asia	75	35		40
Europe	50	18	2	30
N. & C. America	32	7		25
Oceania	24	9		15
So. America	15	11		4
Total	266	103	2	161

For a summary of changes made in this and past versions of the Active-Inactive SWBC Countries table, and links to past versions, see pgs. 40-43. Countries whose active-inactive status has changed in this version are highlighted in yellow.

A = Active; I = Inactive; AP = Some level of pirate activity only.

Inactive countries are shaded.

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ALGERIA	French province until July 5, 1962; independent since.	2009 c.	R. Algeria went from using its own SW xmtrs to leased time in 2001; R. RASD (Tindouf) left SW c. 2009. R. Algeria may return to SW via its own xmtrs in 2016.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ANGOLA	Portuguese colony until June 25, 1975; independent since. Includes Cabinda.		R. Nacl. de Angola only. VORGAN left SW in 1998.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ASCENSION ISLAND	South Atlantic island; dependency of Great Britain.		BBC Atlantic Relay Station.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	AZORES	North Atlantic island group; dependency of Portugal.	1977 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	BENIN (Dahomey) (French West Africa)	Part of French West Africa until Aug. 1, 1960; independent Dahomey until 1975; Benin since.	2009 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	BOTSWANA (Bechuanaland)	British protectorate of Bechuanaland until Sept. 30, 1966; independent Botswana since.		IBB station only; R. Botswana left SW c. 2004.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	BURKINA FASO (Upper Volta) (French West Africa)	Part of French West Africa until Aug. 5, 1960; independent Upper Volta to Aug. 4, 1984; Burkina Faso since.	2010 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	BURUNDI (Ruanda-Urundi)	Belgian-administered trust territory of Ruanda-Urundi until July 1, 1962; independent Burundi since. See also RWANDA.	2003 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CAMEROON (French Cameroon)	French Cameroons until Jan. 1, 1960; independent Cameroon since.	2000 c.	All SW outlets have left the air: Bertoua (c. 1994), Douala (c. 1994), Bafoussam (c. 1999), Buea (c. 1999), Garoua (c. 1999), Yaounde (c. 2000). Their departures were usually preceded by long periods of intermittent activity.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CANARY ISLANDS	North Atlantic island group composes two provinces of Spain.	2004	REE closed its relay station in 1988; Full Gospel Church station was active 2002-2004. Earlier SW stations: R. Atlantico, probably closed c. 1960; R. Clube Tenerife, c. 1963; La Voz de la Isla de la Palma, c. 1966.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CAPE VERDE	Portuguese colony until July 5, 1975; independent since.	1987 c.	R. Clube Mindelo, reported until c. 1976; R. Clube de Cabo Verde, c. 1977; Em. Oficial, c. 1984; R. Nacl. de Cabo Verde, c. 1987 [ex-R. Barlavento until c. 1976, ex-R. Voz de São Vicente until c. 1985].
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CENTRAL AFRICAN REP. (French Equatorial Africa)	Part of French Equatorial Africa until Aug. 13, 1960; independent Central Afr. Rep. until Apr. 4, 1976; Central African Empire until Sept. 20, 1979; Central African Rep. since.		R. ICDI, Boali, 1 kw., is believed to be still operational. R. Centrafrique has been unheard since c. 2011; R. Minurca operated its own SW xmtr from 1998 to 2000.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CHAD (French Equatorial Africa)	Part of French Equatorial Africa until Aug. 11, 1960; independent Chad since.		Radio Chad, off SW since c. 2013, reported reactivated March 2016.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	COMOROS, FED. ISLAMIC REP. (Comoros)	French possession until July 6, 1975; independent since. Station location: Moroni.	1995 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	COMOROS - MAYOTTE	Remained French territory after July 6, 1975, when other Comoros became independent. Active on shortwave between about 1959-1967. Station location: Dzaoudzi.	1967	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CONGO, DEM. REP. - KATANGA (Zaire) (Belgian Congo)	Part of Belgian Congo until June 30, 1960; Rep. of Katanga until 1963; part of Zaire/Dem. Rep. of Congo since. Station location: Lubumbashi (Elizabethville).	2004 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CONGO, DEM. REP. (Zaire) (Belgian Congo)	Belgian Congo until June 30, 1960; Rep. of the Congo until Oct. 27, 1971; Zaire to May 1997; Dem. Rep. of Congo since. Station location: Kinshasa (Leopoldville), others.		R. Kahuzi appears to still be operating intermittently. It appears that Kinshasa left SW c. 2000; that R. Okapi transmitted on SW from Kinshasa from 2002 to c. 2004 (and later over leased-time stations outside Congo); and that R. Télé Candip closed in 2017.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	CONGO, PEOPLE'S REP. (French Equatorial Africa)	French Equatorial Africa until Aug. 15, 1960; People's Rep. of the Congo since. Station location: Brazzaville.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	COTE D'IVOIRE (Ivory Coast) (French West Africa)	Part of French West Africa until Aug. 7, 1960; independent Ivory Coast until October 1989; Cote d'Ivoire since.	2001 c.	

Inactive countries are shaded

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	DJIBOUTI (Afars and Issas) (French Somaliland)	French possession until July 27, 1977; independent since.		R. Dibouti, off SW since c. 1993, returned in March 2005 via new SW xmtr at IBB MW relay station, but went inactive again c. February 2015.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	EGYPT			
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	EQUATORIAL GUINEA - FERNANDO POO	Fernando Poo until Oct. 12, 1968; part of Equatorial Guinea since. Station location: Malabo.		Off SW c. 2011; reactivated on July 26, 2017, though not reported in a very long time.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	EQUATORIAL GUINEA -RIO MUNI	Rio Muni until Oct. 12, 1968; part of Equatorial Guinea since. Station location: Bata.		Heard irregularly.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ERITREA (Ethiopia)	Ethiopia until May 24, 1993; independent Eritrea since. Station location: Asmara.		Voice of the Broad Masses of Eritrea.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ETHIOPIA			R. Ethiopia, R. Oromiya, Voice of the Tigray Revolution, R. Fana, Amhara State Radio, and Ethiopian Somali Regional State Radio (R. Deegaanka Soomaalida Itoobiya) are believed active.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	GABON (French Equatorial Africa)	Part of French Equatorial Africa until Aug. 17, 1960; independent Gabon since.	2013	R. Gabon left SW c. 2008, Africa No. 1 c. 2013.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	GAMBIA	British possession until Feb. 18, 1969; independent since.	1976	R. Gambia left SW in 1976; there was a one-time special event SW xmsn from R. Syd, Banjul, on Sep. 21, 1984.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	GHANA (Gold Coast)	British possession as Gold Coast to Mar. 6, 1957; independent Ghana since.	2006	

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A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	GUINEA (French West Africa)	Part of French West Africa until Oct. 2, 1958; independent Guinea since.		R. Conakry left SW c. 2011, returned c. April 2016, also reported in August 2016 and thereafter; R. Familia, Timbi-Madina, 1 kw., was reported active 2010-2011.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	GUINEA-BISSAU (Portuguese Guinea)	Portuguese colony until Sept. 10, 1974; independent Guinea-Bissau since.	1986 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	KENYA	British East Africa until Dec. 12, 1963; independent Kenya since.	2006 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	LESOTHO (Basutoland)	British protectorate of Basutoland until Oct. 4, 1966; independent Lesotho since.	2004 c.	R. Lesotho left SW c. 2004; BBC-Lesotho was active 1981-1996.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	LIBERIA			ELWA only. Other stations off SW from Liberian xmtrs: Liberia Rural Comm. Network, c. 1987; VOA relay, 1990; ELBC (original), 1990; ELBC/R. Liberia [Chas. Taylor] (Gbarnga), c. 1995; ELBC (ECOMOG), c. 1997; Star Radio, 1998; Liberia Comm. Network/Voice of Liberia/R. Liberia/R. Liberia Intl., c. 2003; Voice of Liberty, 2004; R. Veritas, c. 2007.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	LIBYA	Captured from Italy during WWII, administered by British and French military until Jan. 2, 1952; independent since.	2013 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MADAGASCAR	French colony until May 26, 1960; independent since.		R. Madagascar, MGLOB (ex-R. Netherlands Relay Station), both active; new station Madagascar World Voice (World Christian Broadcasting) began broadcasting on March 27, 2016.

Inactive countries are shaded

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MALAWI (Nyasaland)	British protectorate of Nyasaland until July 6, 1964; independent Malawi since.	2002 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MALI (French West Africa)	Part of French West Africa until June 20, 1960; independent Mali since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MAURITANIA (French West Africa)	Part of French West Africa until Nov. 28, 1960; independent Mauritania since.	2012 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MAURITIUS	British colony until March 12, 1960. Independent since, but didn't formally sever ties with Great Britain until March 12, 1992.	1986	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MOROCCO - FRENCH (French Morocco)	French Morocco until Mar. 2, 1956; part of independent Morocco since.	2008	Rdfn.-TV Marocaine transmitted from Sebaa-Aioun until 1978. The VOA station in Briech opened in 1993 and was used by both VOA and Rdfn.-TV Marocaine until it was closed in 2008.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MOROCCO - SAHARA (Spanish Sahara)	Spanish Sahara until Apr. 14, 1976; part of Morocco since. Station location: Aaiun.	1975 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MOROCCO - SPANISH (Spanish Morocco)	Spanish Morocco until Apr. 10, 1958; part of independent Morocco since. Station location: Nador.	2017	R. Dersa, Tetuan, was on SW until 1960; R. Medi 1, which opened in 1980 (SW since 1983), left SW c. May 1, 2017.

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MOROCCO - TANGIER (Tangier)	International zone until March 2, 1956; part of independent Morocco since.	2004 c.	Private stations closed at the end of 1959. VOA-Tangier opened in 1949 and operated in the service of both VOA and Rdfn.-TV Marocaine until moving to Briech, Morocco, outside Tangier, in 1993, whereupon the Tangier station was turned over to Rdfsn.-TV Marocaine, which operated it on SWBC until c. 2004.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	MOZAMBIQUE	Portuguese colony until June 25, 1975; independent since.	2001 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	NAMIBIA (South West Africa)	South West Africa to Mar. 21, 1990; independent Namibia since.	2004 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	NIGER (French West Africa)	Part of French West Africa until Aug. 3, 1960; independent Niger since.	2013 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	NIGERIA	British colony and protectorate until Oct. 1, 1960; independent since. Includes all of Nigeria except territory formerly included in Biafra.		Abuja, Ikorodu and Kaduna are still operating. No longer on SW: Benin City, Calabar, Ibadan, Ilorin, Jos, Lagos, Maidugari, Owerri, Sokoto.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	NIGERIA - BIAFRA	Part of Nigeria until May 30, 1967; breakaway Biafra until Jan. 12, 1970; reunited as part of Nigeria since. Station location: Enugu.	2003 c.	NBS//NBC/FRCN, 1953-1967, 1970 to c. 2003; Eastern Nigerian Broadcasting Svc., Oct. 1960-June 1967; R. Biafra, June 1967-Jan. 1970; East Central State Broadcasting Svc., 1970 to c. 1974.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	REUNION	Island in Indian Ocean; overseas department of France.	1975	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	RWANDA (Ruanda-Urundi)	Belgian administered U.N. trust territory of Ruanda-Urundi until July 1, 1962; Rwanda since. See also BURUNDI.	2015	The Kigali station, which carried DW, R. Rwanda and leased-time programs, left SW on Mar. 28, 2015.

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SAO TOME	Atlantic island; Portuguese colony until July 12, 1975; independent since.		IBB only; R. Clube de São Tome closed SW in 1985.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SENEGAL (French West Africa)	Part of French West Africa until June 20, 1960; independent Mali Federation until Aug. 20, 1960; independent since.	1997 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SEYCHELLES	British dependency until June 29, 1976; independent since.	2014.	R. Seychelles left SW c. 1966; FEBA closed down in 2003; BBC ceased operations from its Indian Ocean Relay Station on Mar. 29, 2014.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SIERRA LEONE	British colony/protectorate until Apr. 27, 1961; independent since.	2004 c.	SLBC closed SW c. 2003; R. UNAMSIL was active from 2002 to c. 2004.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SOMALIA, FED. REP. OF - ITALIAN (Italian Somaliland)	Italian Somaliland until July 1, 1960, when merged with British Somaliland and became Somali Rep.; Somali Dem. Rep. 1969-1991, Fed. Rep. of Somalia after Aug. 20, 2012. Station location: Mogadishu.		R. Mogadishu has been off SW since c. 2003, R. Shabele since c. 2008, R. Puntland since c. 2017. Warsan Radio appears still to be on.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SOMALIA, FED. REP. OF - BRITISH (British Somaliland)	British Somaliland until July 1, 1960, when merged with former Italian Somaliland and became Somali Rep.; Somali Dem. Rep. 1969-1991, Fed. Rep. of Somalia after Aug. 20, 2012. Includes self-declared state of Somaliland. Station location: Hargeisa.	2018 c.	R. Hargeisa has been off SW since c. 2018.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SOUTH AFRICA (Union of South Africa)	Union of South Africa until May 31, 1960; Republic of South Africa since.	2019	SENTECH-Meyerton closed March 30, 2019.

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SOUTH SUDAN (Sudan)	Part of Sudan to July 9, 2011; South Sudan since.	2009	R. Peace, active 2004-2009.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ST. HELENA	South Atlantic island; British possession.	2009	Special annual broadcasts many years from 1990 to 2009, originally via Cable & Wireless xmtr, later via R. St. Helena's own SW xmtr.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SUDAN (Anglo Egyptian Sudan)	Anglo-Egyptian Sudan until Jan. 1, 1956; Sudan since.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	SWAZILAND	British protectorate until Sept. 6, 1968; independent since. [Name changed to Kingdom of eSwatini in April 2018.]		TWR.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	TANZANIA (Tanganyika)	British administered U.N. trust territory of Tanganyika until Dec. 9, 1961; independent Tanganyika until Apr. 26, 1964; Tanzania since.	2006 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	TANZANIA - ZANZIBAR	British protectorate of Zanzibar until Apr. 26, 1964; part of Tanzania since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	TOGO (French Togoland)	French Togoland until Apr. 27, 1960; independent state.	2004 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	TRISTAN DA CUNHA	South Atlantic island.	1993 c.	No bona fide loggings in North America, but WRTH shows as active in the past on SW.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	TUNISIA	French protectorate until Mar. 20, 1956; independent since.	2014 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	UGANDA	British protectorate until October 1962; independent since.	2016-18 c.	R. Uganda and R. Dunamis have both left SW.

Inactive countries are shaded

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ZAMBIA (Northern Rhodesia)	British colony/possession of Northern Rhodesia until Oct. 24, 1964; independent Zambia since.		ZNBC is still on the air. R. Christian Voice left SW in Dec. 2012; it was purchased by Voice of Hope, which has put it back on the air.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Africa	ZIMBABWE (Rhodesia) (Southern Rhodesia)	British colony of Southern Rhodesia until Nov. 11, 1965; independent Rhodesia until Apr. 18, 1980; Zimbabwe since.	2013 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Antarctica	ANTARCTICA			LRA36 still active; AFAN McMurdo has been off SW since the 1980s.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	ABKHAZIA (Georgian SSR)	Part of USSR union republic until April 9, 1991; part of independent Georgia until November 1992; separatist government since.		R. Abkhazia is reported intermittently.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	AFGHANISTAN			R. Voice of Shariah (ex-R. Afghanistan) (Kabul) left SW c. 2001, Information Radio (Kandahar) c. 2002, Peace Radio-R. Sohl (Bagram) c. 2007. R. Afghanistan returned in July 2011 over new xmtrs (Yakatut), but left the air in 2012. It reactivated at least one shortwave channel in October 2016.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	ARMENIA (Armenian SSR)	USSR union republic until Sept. 23, 1991; independent since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	AZAD KASHMIR (India)	India until Jan. 1, 1949; under Pakistani control since. Station location: Muzaffarabad. See also INDIA - KASHMIR.	2000 c.	Azad Kashmir Radio began operating on SW from Trarkhel in 1960, then moved to Muzaffarabad, reportedly operating there until c. 2000. For many years it has also been relayed over high-power xmtrs in Islamabad.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	AZERBAIJAN (Azerbaijan SSR)	USSR union republic until August 1991; independent since.	--	

Inactive countries are shaded

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	BAHRAIN	Island in Persian Gulf; British protectorate until Aug. 15, 1971; independent since.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	BANGLADESH (East Pakistan)(India)	India until Aug. 14, 1947; East Pakistan until Mar. 26, 1971; Bangladesh since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	BHUTAN	British protectorate until August 1949; independent since.	2020	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	BRITISH INDIAN OCEAN TERR.	Overseas Dependency formed in 1965, comprising islands of Chagos Archipelago since 1976. Station location: Diego Garcia	2014	Naval Computer & Telecommunications Station (AFRTS) activated Aug. 2000, inactive since 2014..
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	BRUNEI	Part of Borneo Island; British protected sultanate; fully independent since Jan. 1, 1984.	1979 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CAMBODIA (French Indochina)	Part of French Indochina until Nov. 9, 1953; independent since.	2004 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CHINA, PEOPLE'S REP.	China until Sept. 21, 1949; People's Rep. of China since; includes mainland China, except for Hong Kong, Manchuria, and Tibet.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CHINA, PEOPLE'S REP. - HONG KONG (Hong Kong)	British Crown Colony until June 30, 1997; part of People's Rep. of China since.	1997	BBC East Asia Relay Station left the air in Nov. 1996. Weather broadcasts prepared by Radio-TV Hong Kong for the So. China Sea Yacht Race were heard some years between 1986 and 2004.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CHINA, PEOPLE'S REP. - MANCHURIA	China until Sept. 21, 1949; People's Rep. of China since; includes Heilongjiang, Jilin and Liaoning provinces.	2010 c.	Harbin (Heilongjiang) has been unlisted on SW in the WRTH since 2010.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CHINA, PEOPLE'S REP. - TIBET	Tibet until Dec. 20, 1953; Xizang province of People's Rep. of China since.		Xizang PBS.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	CYPRUS	British Crown Colony until Aug. 16, 1960; independent since; except for Turkish Rep. of Northern Cyprus. See also NORTHERN CYPRUS, TURKISH REP. Station location: Zyyi.	2013	BBC East Mediterranean Relay Station (Zyyi) operated 1957-Mar. 2013; Cyprus Broadcasting Corp operated on SW 1969-2013 (via BBC).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	GEORGIA (Georgian SSR)	USSR union republic until April 9, 1991; independent since.	2005	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	GREECE-RHODES (Dodecanese Islands)	Greek islands off the coast of Turkey.	1964	USCGC <i>Courier</i> went out of VOA service in 1964.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDIA	British colony until Aug. 16, 1947.		<p>Active sites, December 31, 2021 (D = domestic, E = external): November 6, 2021 (D), Bengaluru (E), Delhi-Kingsway (E).</p> <p>Inactive sites: Aizawl (2020), Aligarh (2020), Bhopal (2020), Chennai [Madras] (2020), Delhi-Khampur (E, 2021), Gorakhpur (2014), Guwahati (2014), Imphal (2016), Hyderabad (2020), Itanagar (2016), Jaipur (2020), Jeypore (2021), Kohima (2016), Kolkata [Calcutta] (2016), Kurseong (2019), Lucknow (2016), Mumbai [Bombay] (2019), New Delhi (2012), Ranchi (2014), Shillong (2019), Shimla (2015), Thiruvananthapuram (2020).</p> <p>See DX India, VU2JOS</p>

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDIA - ANDAMAN AND NICOBAR ISLANDS			Port Blair closed down on August 23, 2019.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDIA - GOA (Portuguese India)	Portuguese territory until Indian annexation Dec. 18, 1961.	2020	Emissora de Goa closed in 1961. AIR Panaji opened in 1994 and closed in late 2020.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDIA - KASHMIR	Station locations: Leh. See also AZAD KASHMIR.		AIR Jammu left SW c. 2008, AIR Srinagar on December 31, 2021. AIR Leh is still on the air.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDIA - SIKKIM	British protectorate until 1947; Indian protectorate to May 15, 1975; state of India since. Station location: Gangtok.		Active since 1993; left SW for good December 31, 2021, inactive for many months before that.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - BALI (Bali)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.	--	It appears that there are no RRI stations active on Bali.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - JAWA (Java)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.		The RRI high-power station at Cimanggis closed in late 2017-early 2018. Other RRI stations on Java are unheard.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - KALIMANTAN (Borneo)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.		RRI Palangkaraya appears still to be operating; other RRI stations on Kalimantan are unheard.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - MALUKU (Molucca Islands)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.	2019 c.	RRI Ternate closed c. 2019.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - NUSA TENGGARA (Lesser Sunda Islands)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since. Includes Indonesian islands in the main archipelago from Lombok to the western half of Timor.	--	It appears that there are no RRI stations active in Nusa Tenggara.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - SULAWESI (Celebes)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.	--	RRI Makassar and RRI Palu appear to be off; other RRI stations on Sulawesi are unheard.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - SUMATERA (Sumatra)	Part of Netherlands Indies until Dec. 27, 1949; part of Indonesia since.	--	It appears that there are no RRI stations active on Sumatra.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	INDONESIA - TIMOR TIMUR (Portuguese Timor)	Portuguese province until 1976, when annexed by Indonesia. Station location: Dili.	--	Emissora de Radiodifusão de Timor closed c. 1975; RRI Dili is believed to have closed in the mid 1990s.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	IRAN			
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	IRAQ		--	R. Baghdad Intl. left SW in Mar. 2003. A number of semi-official SW stations operated for at least several years thereafter.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	ISRAEL (Palestine)	Palestine until May 14, 1948; Israel since.	2013	Kol Israel left SW in July 2013, Galei Zahal in Dec. 2013.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	JAPAN			
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	JAPAN - RYUKYU ISLANDS	Control transferred from U.S. to Japan in 1972. Station location: Okinawa.	1972	VUNC Deragawa left SW in 1971, VOA Okinawa in 1972.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	JORDAN (Transjordan)	British mandate until March 22, 1946; independent Transjordan to Apr. 26, 1949; Jordan since.	2013 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	KAZAKHSTAN (Kazakh SSR)	USSR union republic until Dec. 16, 1991; independent since.	2012	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	KOREA, DEM. PEOPLE'S REP.	Korea until Sept. 3, 1948; Dem. People's Rep. of Korea since. Station location: Pyongyang.		

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	KOREA, REP.	Korea until Aug. 15, 1948; Republic of Korea since. Station location: Seoul.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	KUWAIT	British protectorate until June 19, 1961; independent since.		R. Kuwait went inactive in mid-2015, but returned in April 2017; IBB station remains active.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	KYRGYSTAN (Kirghiz SSR)	USSR union republic until 1991; independent since.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	LAOS (French Indochina)	Part of French Indochina until July 19, 1949; independent since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	LEBANON		2002 c.	R. Lebanon left SW c. 1984, Voice of Hope c. 2000, Voice of Lebanon c. 2002.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MALAYSIA (Malaya)	Union of Malaya until Feb. 1, 1948; Fed. of Malaya (full independence Aug. 31, 1957) until Sept. 16, 1963, Fed. of Malaysia since.		Radio Malaysia (ex-Radio Malaya) operated on SW from Kajang (near Kuala Lumpur) and Penang. Penang left SW c. 1987. Kajang appears to still be on the air, albeit irregularly. The British Far Eastern [Broadcasting Service][Station][Relay] moved from Jurong (Singapore) to Tebrau (Malaysia) in 1950. It moved to Kranji (Singapore) in 1978. See SINGAPORE.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MALAYSIA - SABAH (British North Borneo)	Colony of British North Borneo/Sabah until Sept. 16, 1963; part of Fed. of Malaysia since. Station location: Kota Kinabalu (Jesselton).	2004 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MALAYSIA - SARAWAK	British Crown Colony until Sept. 16, 1963; part of Fed. of Malaysia since. Station locations: Kuching, Sibü, Miri.	2011	Miri left SW c. 2000, Sibü c. 2009, Kuching in 2011

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MALDIVES	British protectorate in the Indian Ocean until July 26, 1969; independent since.	1981	Voice of Maldives reportedly made some brief SW tests in 1994.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MONGOLIA			
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	MYANMAR (Burma)	British colony/protectorate to Jan. 4, 1948; independent Burma to May 18, 1989; Myanmar since.		Myanma Radio and Thazin Radio are still on SW. Off SW: Myawaddy Radio, 1999; Defense Forces Broadcasting Station, Taunggyi, c. 2012.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	NAGORNO-KARABAKH (Azerbaijan SSR)	Part of USSR union republic until Aug. 30, 1991; part of independent Azerbaijan until Dec. 10, 1991; separatist government since.		Voice of Justice, Stepanakert, reported occasionally.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	NEPAL		2019	Closed c. 2009, returned c. September 2018, closed again mid-2019.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	NORTHERN CYPRUS, TURKISH REP. (Cyprus)	British Crown Colony until 1960; part of independent Cyprus until 1974, when Turkish forces took over area; independence declared Nov. 19, 1983. Station location: Lefkosa.	2007 c.	R. Bayrak appears to have closed c. 2007, although there were reports of intermittent operation for several years thereafter.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	OMAN	Sultanate of Muscat and Oman until July 22, 1970; independent Oman since.		R. Sultanate of Oman (Thumrait); BBC Eastern Relay Station (A'Seela).
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	PAKISTAN (India)	British colony, part of India until Aug. 14, 1947; independent Pakistan since.		Islamabad is still in service. No longer on SW: Peshawar (c. 2007), Quetta (c. 2008), Rawalpindi (c. 2010).
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	PHILIPPINES	U.S. possession until July 4, 1946; independent since.		FEBC, R. Veritas Asia, IBB, R. Pilipinas (via IBB xmtr) are still on the air.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	QATAR		2002 Dec.	

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	RUSSIAN FED. - ASIAN (Asiatic RSFSR)	Asiatic part of RSFSR until Dec. 15, 1991; part of Russian Federation since.		<p>R. Sakha, Yakutsk, was reactivated in May 2016, but ceased operation on Apr. 27, 2018. - R. Rossii, Vladivostok, was reactivated on 5900 kHz. for Sep. 3-23, 2016 only, while non-SW transmissions had been interrupted by a typhoon. - R. Rossii, Kamchatka, Petropavlovsk-Kamchatsky, was active on 5940 kHz. in early 2018, but is now off.</p> <p>Voice of Russia (now R. Sputnik) closed SW on April 1, 2014. - SWBC Schedules Combined List as of Aug. 5, 2018 shows these Asiatic SW sites registered or in use: Chita, Irkusk, Khabarovsk, Novosibirsk, Petropavlovsk-Kamchatsky. However, there is no evidence of their use.</p> <p>Some Asian sites closed in recent years per "Recently Closed Stations & Transmitter Sites":¹ Mar. 2014 Irkutsk-Angarsk; Dec. 2013 Krasnoyarsk, Kyzl, Magadan, Novosibirsk-Oyash, Petropavlovsk-Tavrichanka, Petropavlovsk-Yelizovo, Vladivostok, Yakutsk, Ulan Ude; Mar. 2013 Chita, Vladivostok-Ussuriysk; Oct. 2011 Komsomolsk-na-Amure, Novosibirsk [old site], Petropavlovsk-Yelizovo; Mar. 2011 Khabarovsk.</p>
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	SAUDI ARABIA			

¹http://www.ilg.de/Closed-Shortwave-Sites/?listing_count=240

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	SINGAPORE	Singapore until Sept. 16, 1963; part of Malaysia until Aug. 9, 1965; independent since.		<p>After the war, in 1946, the Voice of Britain began transmitting from Jurong in Singapore. The station would become the British Far Eastern Broadcasting Service in 1948, the BBC Far Eastern Station in 1956, and the BBC Far Eastern Relay in 1974. BFBS operated on SW from Jurong until 1971.</p> <p>In 1950, BBC operations moved to Tebrau in Malaysia. In 1978 they returned to Singapore (Kranji). Kranji is still in use by the BBC.</p> <p>Radio Singapore International also transmitted from Kranji, but closed down in July 2008.</p> <p>See MALAYSIA (Malaya).</p>
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	SRI LANKA (Ceylon)	British colony until Feb. 4, 1948; independent Ceylon to May 22, 1972; Sri Lanka since.		SLBC Ekala closed down on May 31, 2013, IBB Iranawila on June 8, 2016; SLBC is still active via Trincomalee.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	SYRIA	French mandate until Apr. 17, 1946; independent since.	2012 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	TAIWAN (China)	Formosa island; Republic of China.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	TAJIKISTAN (Tadzhik SSR)	USSR union republic until Sept. 9, 1991; independent since.		
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	THAILAND			Still active: IBB (Udon Thani) & R. Thailand (via IBB). BBC Asia Relay Station (Nakhon Sawan) ceased broadcasting on Jan. 1, 2017..

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	TURKEY			Voice of Turkey is active. Turkish Police Radio left SW c. 2001, Voice of Meteorology c. 2004. Numerous low-power stations (many school related) were active at least into the 1970s.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	TURKMENISTAN (Turkmen SSR)	USSR union republic until Oct. 27, 1991; independent since.	2011 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	UNITED ARAB EMIRATES - ABU DHABI	British protected Trucial State until Dec. 2, 1971; part of United Arab Emirates since.		Radio of the UAE (ex-Voice of the UAE) left SW c. 2002; the Dhabbaya relay station, Abu Dhabi Media (ex-Emirates Media), is still on the air.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	UNITED ARAB EMIRATES - SHARJAH	British protected Trucial State until Dec. 2, 1971; part of United Arab Emirates since. Station location: Sharjah.	1971	Voice of the Coast transmitted from Sharjah in 1970; it moved to Dubai in 1971, later becoming R. Dubai.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	UNITED ARAB EMIRATES - DUBAI	British protected Trucial State until Dec. 2, 1971; part of United Arab Emirates since.	2004 Oct.	Emirates Radio (ex-UAE Radio & TV-Dubai, ex-Dubai Radio & Colour TV, ex-Dubai Broadcasting Station, ex-R. Dubai) left SW in Oct. 2004.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	UZBEKISTAN (Uzbek SSR)	USSR union republic until Aug. 31, 1991; independent since.		R. Tashkent left SW in Dec. 2005; SW relays via the national xmtr network are still on the air.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	VIETNAM - NORTH (Vietnam, Dem. People's Rep.)(French Indochina)	Part of French Indochina until 1954; Dem. People's Rep. (North Vietnam) from Dec. 31, 1959.		

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	VIETNAM - SOUTH (Vietnam, Rep.)(French Indochina)	Part of French Indochina until 1954; Rep. of Vietnam (South Vietnam) until July 2, 1976; reunited as part of Dem. People's Rep. since.		It appears that from April 29, 1975 to June 30, 1981, xmtrs in Ho Chi Minh City (Saigon) that had been used by VTVN (So. Vietnam) continued in use under the control of the Voice of Vietnam (No. Vietnam). Some regional stations in the former So. Vietnam continued to be reported until at least 2004. The 20 kw. station at Buon Ma Thuot, Daclac Province, listed as active in the WRTH and shown as registered or in use in the SWBC Schedules Combined List as of Sep. 29, 2015, is located in what was So. Vietnam.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	YEMEN, REP. - NORTH (Yemen Arab Rep.)(Yemen)	Yemen until Sept. 26, 1962; Yemen Arab Republic until May 22, 1990; united as Republic of Yemen since. Station location: Sana'a.	2015	Last heard in 2015.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Asia	YEMEN, REP. - SOUTH (People's Dem. Rep. of Yemen)(Aden)	British colony of Aden and protectorate of South Arabia until 1967; People's Dem. Rep. of Yemen until May 22, 1990; united as Republic of Yemen since. Station location: Aden.	1995 c.	Although North Yemen (Sana'a) and South Yemen (Aden) united as the Republic of Yemen in 1990, it appears that the SW xmtrs of the former South Yemen continued in use until c. 1995.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ALBANIA			R. Tirana left SW via xmtrs in Albania at the end of March 2017; relays of CRI (China) via the Cerrik transmitter site continued.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ANDORRA	Station location: Andorra la Vella.	1981	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	AUSTRIA			Moosbrunn still active, almost entirely for relays of other broadcasters.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	BELARUS (Byelorussian SSR)	USSR union republic until Aug. 25, 1991; independent Belarus since.	2016	Left SW April 1, 2016.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	BELGIUM		2009	RVI ended its use of Belgium-based SW xmtrs (Wavre) in 2001; RTBF did likewise in Dec. 2009 and at that time ended its use of SW altogether.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	BOSNIA-HERZEGOVINA (Yugoslavia)	Part of Yugoslavia until March 1992; independent since.	--	The Bijeljina site, located in Bosnia-Herzegovina, is owned by Serbia, a different country, which used it to broadcast Intl. Radio Serbia, Beograd, Serbia. See YUGOSLAVIA, FED. REP. (Serbia-Montenegro). The Bijeljina site appears now to be closed.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	BULGARIA			R. Bulgaria left SW on Jan. 31, 2012, though it was recently reported back on a limited basis via Kall-Germany; leased-time xmsns of other broadcasters are still made from Kostinbrod.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	CHANNEL ISLANDS	British crown dependency off coast of France. Station location: Jersey.	1973 c.	Pirate activity reported by European DXers in the early 1970s.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	CROATIA (Yugoslavia)	Part of Yugoslavia until June 25, 1991; independent since.	2012	Hrvatska Radio left SW on Dec. 31, 2012.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	CZECH REP. (Czechoslovakia)	Part of Czechoslovakia until Jan. 1, 1993; Czech Republic since. See also SLOVAKIA (Czechoslovakia).	2011	R. Prague ceased SW xmsns from its own xmtrs (Litomsyl) on Jan. 31, 2011; R. Prague is still available on SW on leased-time basis. Pirate R. Bila-Hora, 3381, usually active on Dec. 31 only.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	DENMARK			R. Denmark ceased SW xmsns from its own xmtrs in Feb. 1990. EDXC made low-power SW broadcasts [non-pirate] during EDXC Conference, June 1995; low-power stations reported active (World Music Radio, Radio 208, Radio OZ).
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ENGLAND			Woofferton is the only BBC/Babcock UK SW site still in service. Daventry closed in Mar. 1992, Rampisham in Dec. 2011, and it appears that Skelton went out of service in 2013. SW pirate activity from England is reported from time to time.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ESTONIA (Estonian SSR)	USSR Union Republic until August 1991; independent since.	1998	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	FINLAND		2006	Scandinavian Weekend Radio only. R. Finland left SW on Dec. 31, 2006, but conducted a few test xmsns for leased-time broadcasters in 2007-2008.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	FRANCE			

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	GERMANY, FED. REP.	Germany until Sept. 1, 1949; Fed. Rep. of Germany since.		<p>High-power SW sites (at least 100 kw.): Biblis (IBB) and Lampertheim (IBB) are still active. Munich closed in 1994, Holzkirchen in 2003, Jülich in 2009-2010, Wertachtal in 2013.</p> <p>Other SW sites closed: Bremen, Hamburg, Stuttgart, Rohrdorf. Munich may be active with 1 kw. DRM-only xmsns.</p> <p>Low-power activity is reported from stations in Datteln, Kall-Krekel, Rohrbach Waal, Weenermoor, and Winsen. SW pirate activity from Germany is reported from time to time.</p>
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	GERMANY, FED. REP. - BERLIN (West Berlin)	Part of Germany until May 23, 1949, considered part of Fed. Rep. of Germany since.	2013	The Berlin-Britz SW xmtr of Deutschlandradio closed in 2013. (Former Berlin station RIAS was absorbed by the then-new Deutschlandradio in 1994.)
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	GERMANY, FED. REP. - DDR (German Dem. Rep. & East Berlin)	Germany to Oct. 7, 1949; German Dem. Rep. until Oct. 3, 1990, when Germany reunified; part of Fed. Rep. of Germany since.		<p>High-power SW sites (at least 100 kw.): Leipzig closed in 1993, Königs-Wusterhausen in 1995. Nauen is still active, mainly for leased-time programming..</p> <p>Low-power activity was reported in the past from Hartenstein (Saxony), and is reported now from Gera (Radio SE-TA 2).</p>

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	GREECE			ERT-Voice of Greece (Vathy) is still on SW. Thessaloniki left VOA service in 1972, and was then used by ERT until 2002; Rhodes (IBB) dropped SW in 1998 and closed in 2006, Kavala (IBB) also closed in 2006.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	HUNGARY		2010	R. Budapest, and Jászberény xmtr site, left SW in 2010.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ICELAND		2007	U.S. Naval Computer and Telecommunications Area Station (AFRTS), Keflavik, left SW in 2006; Rikisudvarpid left SW on June 30, 2007.
AP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	IRELAND (Eire)			R. Éireann was active in the 1940s. SW pirate activity from Ireland is reported from time to time.
AP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ITALY			U.S. Naval Air Station (AFRTS), Sigonella, left SW in 2001; AWR-Forli left SW on Dec. 31, 2001; IRRS closed its SW xmsns from Italy in 2003; RAI left SW on October 30, 2007. There is still limited pirate activity from Italy.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ITALY - SICILY	Part of Italy. Station location: Caltanissetta.	2003	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	LATVIA (Latvian SSR)	USSR union republic until Sept. 6, 1991; independent since.	2008	Radio Latvia left SW on July 31, 1999; the last xmsn from the Ulbroka SW xmtr, which was available on a leased-time basis, was on Dec. 30, 2008.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	LITHUANIA (Lithuanian SSR)	USSR union republic until Sept. 6, 1991; independent since.	2017	Radio Vilnius left SW c. 2009; the Sitkunai SW xmtr continued in use for limited leased-time broadcasts until March 25, 2017, when it closed down.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	LUXEMBOURG		2010	Radio Luxembourg left SW in 1994; it returned for DRM-only xmsns in 2003 and these appear to have lasted until around 2010.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	MALTA	British colony until Sept. 21, 1954; independent since.	1996	The DW relay station, used by DW and a variety of other broadcasters large and small, closed down in 1996.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	MOLDOVA (Moldavian SSR)	USSR union republic until Aug. 27, 1991; independent since. Station locations: Kishinev (Chisinau) and Grigoriopol. Receptions before December 1993 to count as this country.	1993	The Kishinev site is shown as being registered or used for leased-time xmsns in the SWBC Schedules Combined List as of Sep. 29, 2015. However, it is shown as both "Kichinev" and "Kishinev-Grigoriopol." It is believed that both are intended to refer to Grigoriopol, which now counts as a separate country, PRIDNESTROVIE (Moldavian SSR).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	MONACO	Station location: Monte Carlo. Considered a radio country by hobby tradition, although transmitters are in Fontbonne, France, outside the principality.	2011 c.	R. Monte Carlo left SW c. 1975; TWR left SW via Fontbonne c. 2011.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	NETHERLANDS			The Radio Netherlands xmtr in Flevo closed in 2007. The Netherlands is home to many pirate SW broadcasters, as well as several legal low-power stations.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	NORTHERN IRELAND		1996 c.	There was occasional pirate broadcasting from Northern Ireland in the 1990s.

Inactive countries are shaded

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	NORWAY			The Fredrikstad site closed on Oct. 18, 1997. SW xmsns of R. Norway International from Norway-based xmtrs ended on Dec. 31, 2003. Some BBC DRM relays and relays for other broadcasters, continued for a time thereafter. The two remaining xmtr sites, Sveio and Kvitsøy, finally closed in Oct. 2009 and Mar. 2012 respectively. Low-power Radio Northern Star, Bergen, is active on 5895 kHz.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	POLAND		2006	Radio Polonia SW xmsns from Poland-based xmtrs ended in 2006.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	PORTUGAL		2011	Maxoqueira (IBB) closed in 1994, Gloria (IBB) in 1996. São Gabriel (RDP Internacional) closed June 1, 2011, Sines (R. Trans-Europe/DW) in Dec. 2011.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	PRIDNESTROVIE (Moldavian SSR)	Part of USSR union republic until Sept. 2, 1990; separatist government since. Station locations: Maiac and Grigoriopol. Reception in or after 1993 to count as this country.		The Maiac site (“Maiac near Grigoriopol”) is shown as being registered or used for leased-time xmsns in the SWBC Schedules Combined List as of Sep. 29, 2015. R. Pridnestrovie/R. Dniester International, believed to have operated from Grigoriopol, left SW c. 2013.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	ROMANIA			Galbeni, Saftica, Tiganesti all operating.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	RUSSIAN FED. - KALININGRAD (Konigsberg)	Occupied Germany in East Prussia until Oct. 7, 1949; part of RSFSR until 1991; part of Russian Federation since.	--	Voice of Russia (now R. Sputnik) closed SW on April 1, 2014. - Although SWBC Schedules Combined List as of Aug. 5, 2018 shows Kaliningrad SW as registered or in use, it is believed to be not in use.

Inactive countries are shaded

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	RUSSIAN FED. - EUROPEAN (European RSFSR)	European part of RSFSR until Dec. 15, 1991; part of Russian Federation since.		<p>Adygeya Radio is still on SW (via Armavir), 6000 kHz. - Voice of Russia (now R. Sputnik) closed SW on April 1, 2014. - SWBC Schedules Combined List as of Aug. 5, 2018 shows these European SW sites registered or in use: Armavir, Tblisskaya, Krasnodar, Moscow, St. Petersburg. However, there is no evidence of their use.</p> <p>Some European sites closed in recent years per "Recently Closed Stations & Transmitter Sites":² Mar. 2014 Moscow-Taldon; Dec. 2013 Archangelsk, Monchegorsk; Oct. 2013 Samara; Mar. 2013 St. Petersburg, Moscow-Kurovskaya.</p>
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	RUSSIAN FED. - KARELIA (Karelo-Finnish SSR)	USSR union republic until July 16, 1956; part of RFSFR until Dec. 15, 1991; part of the Russian Federation since. Station location: Petrozavodsk.	1986 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SCOTLAND		--	Occasional pirate broadcasting in the past.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SLOVAKIA (Czechoslovakia)	Part of Czechoslovakia until Jan. 1, 1993; independent Slovakia since.	2010	The Velke Kostolany xmtr site closed in Oct. 1997. R. Slovakia Intl. ceased SW xmsns from its own remaining xmtrs (Rimavska Sobota) on Dec. 31, 2010.

²http://www.ilg.de/Closed-Shortwave-Sites/?listing_count=240

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SPAIN			The REE site at Noblejas is still on the air. Arganda del Rey (REE) closed in 1995, Playa del Pals (IBB) on May 25, 2001.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SPAIN - BALEARIC ISLANDS	Station location: Palma, Majorca.	--	Active in the early 1950s.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SWEDEN			R. Sweden ceased xmsns from its own SW xmtr (Hoerby) on Oct. 31, 2010. In 2015 a private station has at times been carrying leased-time programs from a 5-10 kw. xmtr in Sala, Sweden.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	SWITZERLAND		2004	Swiss Radio Intl. closed its last Swiss-based xmtr site (Sottens) 2004. Earlier closures: Beromunster 1994, Sarnen 1995, Schwarzenburg 1998, Lenk 1998.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	UKRAINE (Ukrainian SSR)	USSR union republic until Aug. 24, 1991; independent since.	2011	Sites: Brovary closed c. 2006; Kharkiv, Lviv, Mikolaev all closed 2010-2011. R. Ukraine Intl. left SW in 2011.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	VATICAN CITY	A city-state, independent of Italy.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	WALES		--	Occasional pirate activity in the past.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Europe	YUGOSLAVIA, FED. REP. (Serbia-Montenegro)	Yugoslavia until Apr. 27, 1992; Fed. Republic of Yugoslavia since (consists of Serbia and Montenegro only).	--	Intl. Radio Serbia owned and transmitted principally via the Bijeljina site in Bosnia-Herzegovina, outside Serbia. That site is apparently now closed. See BOSNIA-HERZEGOVINA (Yugoslavia). In Nov. 2010 Intl. Radio Serbia announced that the previously-destroyed Stubline site, which is within Serbia, would be reactivated on Nov. 25, 2010, which it apparently was, at least for a time. However, Intl. Radio Serbia left SW on July 31, 2015.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	ALASKA			KNLS.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	ANGUILLA	Caribbean island; dependency of Great Britain.		Caribbean Beacon.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	ANTIGUA	British colony/associated state until Nov. 1, 1981; part of independent Antigua and Barbuda since.	2005	BBC/DW relay (Caribbean Relay Co. Ltd.).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	BAHAMAS	British colony until July 10, 1973; independent since. Station location: Nassau, active until 1946.	1946	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	BARBADOS	British colony until Nov. 30, 1966; independent since. Station location: Bridgetown.	1962 c.	Occasional sports programming over Cable & Wireless during the 1950s and early 1960s.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	BELIZE (British Honduras)	British colony until Sept. 21, 1981; independent Belize since.	1989 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	CANADA			CFVP and CFRX only; RCI left SW on June 26, 2012 (Northern Quebec Service Dec. 1, 2012).

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	CANADA - NEWFOUNDLAND	Crown Colony of Great Britain until March 31, 1949; part of Canada since.	2017	CKZN (ex-CBNX, ex-VONH) has been silent since approx. June 2017.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	COSTA RICA		2013	Last station on SW: REE relay station, Cariari.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	CUBA			
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	DOMINICAN REP.		2011	Last station on SW: R. Amanecer, Santo Domingo.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	EL SALVADOR		2002 c.	Last station on SW: R. Imperial, Sonsonate, 17835 kHz.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	GREENLAND	Possession of Denmark.	2011	R. Greenland closed SW in 1958, returned in 1965, and closed again c. 1989; KNR, Tasiilaq, 3815 kHz., 200 watts, operated intermittently during the years 2002-2011.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	GRENADA	British possession until Feb. 7, 1974. Station location: St. George's.	1983	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	GUADELOUPE	Island group in the West Indies; overseas department of France. Station location: Basse-Terre.	1957 c.	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	GUATEMALA			R. Verdad only, but intermittent.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	HAITI		1991 c.	Last station on SW: 4VEH.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	HONDURAS		2012 c.	Last station on SW: R. Luz y Vida, San Luis.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	JAMAICA	British colonial administration until Aug. 6, 1962; independent since. Station location: Kingston.	1957	

Inactive countries are shaded

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	MARTINIQUE	Caribbean island and a region of France. Station location: Fort-de-France.	1978	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	MEXICO			R. Educación only.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	MONTSERRAT	Caribbean island dependency of Great Britain.	1989	BBC/DW relay (Antilles Radio Corp. Ltd.).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	NETHERLANDS ANTILLES - CURACAO	Island off coast of Venezuela; colony of the Netherlands until Dec. 15, 1954; autonomous part of the Netherlands since. Station location: Willemstad.	1954 c.	CUROM was on SW until c. 1954; its audio was reported occasionally on SW in 1960 and again in 1970, at least the latter time seemingly over a utility xmtr.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	NETHERLANDS ANTILLES - BONAIRE	Island off coast of Venezuela; colony of the Netherlands until Dec. 15, 1954; autonomous part of the Netherlands since.	2012	Radio Netherlands relay station left SW Oct. 26, 2012; TWR-Bonaire closed July 1, 1993.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	NICARAGUA		2004 c.	Last station on SW: R. Miskut, Puerto Cabezas. However, some might consider the “Pescador Preacher”-8989U, said to be in Nicaragua, a SWBC station, and thus NICARAGUA an active country.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	PANAMA		1972 c.	Last station on SW: La Voz del Baru, David.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	PANAMA - CANAL ZONE		1952	VOA relay aboard USCGC <i>Courier</i> , operating briefly from the Canal Zone in 1952.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	PUERTO RICO		2004	Naval Computer & Communications Station (AFRTS), Isabela.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	SWAN ISLAND	Island in the Gulf of Mexico; active on shortwave in the 1960s.	1968	R. Americas (ex-R. Swan).

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	TRINIDAD	British colony until Aug. 31, 1962; independent Trinidad and Tobago since. Station location: Port of Spain.	1958 c.	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	TURKS AND CAICOS ISLANDS	British dependency in the Caribbean. Station location: Grand Turk.	1976 c.	Occasional weather broadcasts and related broadcast programming from VSI, Turks Islands Radio, Cable & Wireless, 1970 to c. 1976.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	N. & C. Am	UNITED STATES OF AMERICA			See "American States on Shortwave" for details. ³

³http://www.ontheshortwaves.com/American_States/American_States.html

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	AUSTRALIA			<p>Lone high-power site active: Kununurra (HCJB/Reach Beyond). - Low-power stations that have been active at various times: R. Symban, Vintage FM, Unique Radio, Ozy Radio, 4KZ, Island 88 FM.</p> <p>Inactive sites: Carnarvon (RA, 1975-1996), Darwin (RA, 1968-1974, 1979, 1984-1997; CVC, 2000-2010), Brandon (RA, 1988-2015), Shepparton (RA, 1944-2017). Radio Australia left SW on January 31, 2017. - ABC No. Terr. SW Service sites, Alice Springs, Katherine, Tennant Creek, all closed down on January 31, 2017. - ABC regional station sites, all inactive: VLI-Sydney (1983), VLG/VLH/VLR-Lyndhurst/Melbourne (1987), VLM/VLQ-Brisbane (1993), VLW-Perth (1994). - Other inactive sites: R. Puckapunyal, active in the mid-1950s; VNG-Lyndhurst (1964-1987), VNG-Llandillo (1987-2002); Australian Defence Forces Radio, Belconnen/Exmouth, active c. 1993, 2005.</p>
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	COOK ISLANDS	Pacific island group, partly administered by New Zealand. Station location: Rarotonga.	1993	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	FIJI ISLANDS	British Crown Colony until Oct. 10, 1970; independent since. Station location: Suva.	1972	Fiji Broadcasting Commn. left SW in 1972. In 1988, Univ. of the So. Pacific was heard on SW sending lectures to remote islands.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	GUAM	Pacific territory of the U.S. in the Marianas.		KSDA, KTWR.

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A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	HAWAII	U.S. Territory of Hawaii until Aug. 21, 1959; U.S. state since.		WWVH only. The RCA PTP station at Kahuku often carried broadcast programming during the 1930s and early 1940s. KRHO (VOA) was active 1944-1969, KWHR 1993-2009, AFRTS 2000-2009.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	INDONESIA - IRIAN JAYA (Netherlands New Guinea)	Netherlands New Guinea until 1962; United Nations administration until 1963; part of Indonesia since.	2019	RRI Nabire, the last station operating from Irian Jaya, closed mid-2019.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	KIRIBATI (Gilbert Islands)	Gilbert, Phoenix and Line Islands; British possessions until Dec. 7, 1979; independent since.	1999	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	MARSHALL ISLANDS	U.S.-administered U.N. trust territory until Sept. 17, 1991; independent since.	1988	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	MICRONESIA, FEDERATED STATES OF	Part of the Trust Territory of the Pacific Islands until May 10, 1979; independent Federated States of Micronesia since, and in free association with the U.S. since Nov. 3, 1986. Station location: Pohnpei.	2015	The Cross, station of Pacific Missionary Aviation, Pohnpei, has been off the air since May 2015.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	NEW CALEDONIA	Pacific island and a territory of France.	1990	
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	NEW ZEALAND			ZLXA left SW Dec. 1, 2008; R. New Zealand Intl. is still on the air.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	NORTHERN MARIANAS, COMMONWEALTH	U.N. trust territory administered by U.S. until Nov. 4, 1986; U.S. Commonwealth since. Station locations: Saipan and Tinian.		KFBS-Saipan closed in 2011. Saipan (IBB) (ex-KHBI, ex-KYOI) and Tinian (IBB) were both off air following heavy damage from Typhoon Yutu in Oct-Nov 2018. It appears that both are back on the air.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PALAU (Belau)	Pacific island group, part of Western Carolines; U.S. administered U.N. trust territory known as Palau to 1986; in free association with U.S. as Belau until Oct. 1, 1994; independent Palau since.		T8BZ/T8WH, LeSEA, Inc./World Harvest Radio, closed down Oct. 27, 2019, reactivated Nov. 1, 2020.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - ADMIRALTY IS.	Australian administered island in the Bismarck Archipelago until 1975; part of Papua New Guinea since.	2013 c.	NBC Manus (Lorengau).
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - BOUGAINVILLE	Australian administered island in the Solomons group until Sept. 16, 1975; part of Papua New Guinea since.		The Bougainville station appears to have operated variously from Buka and Kieta, and for a time from Rabaul (New Britain). It appears that NBC Bougainville (ex-R. North Solomons) is still on the air.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - NEW BRITAIN	Australian administered island in the Bismarck Archipelago until 1975; part of Papua New Guinea since.	--	It appears that NBC East New Britain (Rabaul) was last reported in May 2015. NBC West New Britain (Kimbe) left SW c. 2012.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - NEW GUINEA TERR.	Northeastern quadrant of New Guinea island; Australian administered until 1975; part of Papua New Guinea since.		It appears that NBC Madang is still on the air; Wantok Radio moved from Port Moresby (PNG-Papua Terr.) to Mt. Hagen in 2020. All others are closed or unheard: Goroka (c. 2002), Kundiawa (c. 2007), Lae (c. 2010), Mt. Hagen (c. 2006), Vanimo (c. 2015). Wabag (c. 2003), Wewak (c. 2011), and R. Maria (Vanimo, c. 2008).

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I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - NEW IRELAND	Australian administered island in the Bismarck Archipelago until 1975; part of Papua New Guinea since.	2015	NBC New Ireland (Kavieng).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	PAPUA NEW GUINEA - PAPUA TERR.	Southeastern quadrant of New Guinea island; Australian administered until 1975; part of Papua New Guinea since.	2020	It appears that Wantok Radio Light returned to the air at low power in April 2019, after being off following a fire in Sept. 2017. Then they relocated from Port Moresby to Mt. Hagen (PNG-New Guinea Terr.) in 2020. Other stations closed or unheard: Alotau (c. 2017), Boroko (c. 2011), Daru (c. 2012), Kerema (c. 2005) Kiunga (R. Fly, c. 2012), Mendi (c. 2017), Popondetta (c. 2013), Port Moresby (2006; briefly reactivated in 2012 for election coverage).
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	SAMOA (Western Samoa)	New Zealand administered U.N. trust territory until 1962; independent Western Samoa until July 1997; Samoa since. Station location: Apia.	1956 c.	2AP, Apia, operated a 200-watt shortwave xmtr on a test basis until c. 1956.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	SOLOMON ISLANDS	British protectorate until July 7, 1978; independent since.		
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	TAHITI		1999	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	TONGA	Protectorate of Great Britain until June 4, 1970; independent since.	1993	Returned for a very short time in 1997.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Oceania	VANUATU (New Hebrides)	Anglo-French possession of New Hebrides until July 30, 1980; independent Vanuatu since.		R. Vanuatu, off the air since late 2017-early 2018, reactivated in Dec. 2019.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	ARGENTINA			

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	BOLIVIA			
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	BRAZIL			
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	CHILE			CVC left SW on Dec. 31, 2012; all other SW stations were inactive until R. Triunfal Evangelica reactivated in October 2017.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	COLOMBIA			Last SWBCer LV de tu Conciencia/R. Alcaraván, Puerto Lleras, appears inactive; La Montaña-4940 is being reported.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	ECUADOR			All SW stations are off the air, save for HCJB. The Pifo site closed in 2009; Mt. Pichincha site is still in limited use. HCJB is also on the air on a limited basis via leased-time xmtrs outside Ecuador.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	ECUADOR - GALAPAGOS	Pacific islands belonging to Ecuador.	1989	
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	FALKLAND ISLANDS	British possession in South Atlantic; known as Islas Malvinas in many Spanish-speaking countries.	1988	FIBS/BFBS SW transmitter destroyed in a hurricane.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	FRENCH GUIANA	Overseas department of France.	2013	RFO-Cayenne closed in 2001; TDF Montsinery relay station closed in March 2013.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	GUYANA (British Guiana)	Colony of British Guiana until May 26, 1966; independent Guyana since.		Guyana Broadcasting Corp. operates on SW intermittently.
I	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	PARAGUAY		2007 c.	All SW stations are reported inactive.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	PERU			
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	SURINAM (Dutch Guiana)	Dutch Guiana until Nov. 29, 1975; independent Surinam (also spelled Suriname) since.		R. Apintie.

Inactive countries are shaded

A/I AP	HIC	VIC		Continent	Country	Gazetteer	Off Shortwave	Notes
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	URUGUAY			Intermittent operations reported.
A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	So. America	VENEZUELA		2009 c., reactivated 2020.	Last station on SW had been R. Amazonas, Puerto Ayacucho, but a Radio Onda Corta Venezuela is now reported active.

Inactive countries are shaded

CHANGES TO THE TABLE

<u>Version</u>	<u>Date</u>	<u>Changes</u>
v. 2015.0	October 25, 2015	Original table.
v. 2015.1	Nov. 5, 2015	BELIZE: Changed SW departure to c. 1989. BR. INDIAN OCEAN TERR.: Moved from active to inactive; Diego Garcia inactive since 2014. CANARY ISLANDS: Expanded historical note. CAPE VERDE: Added historical note. CHAD: Independence date changed from Aug.1 1960 to Aug. 11, 1960. CYPRUS: Expanded historical note. DENMARK: Expanded historical note; Denmark departure year changed to 2004. ETHIOPIA: R. Fana is still active. LESOTHO: Added historical note. LITHUANIA: Moved from inactive to active; Sitkunai still operating on a limited basis. GUINEA-BISSAU: Independence date changed from Sept. 10, 1976 to Sept. 10, 1974. NICARAGUA: Expanded historical note. NIGERIA-BIAFRA: End date of breakaway period changed from Jan. 22, 1970 to Jan. 12, 1970. SOMALIA, FED. REP. OF - ITALIAN: Moved from inactive to active based on reported R. Puntland activity. TURKEY: Added historical note.
v. 2016.1	April 25, 2016	Inactive countries are now shaded. AUSTRALIA: Added reference to Unique Radio. BELARUS: Moved from active to inactive; left SW on April 1, 2016. GERMANY, FED. REP.: Added Pinneberg as active site. GUINEA: Returned to SW circa April 2016, moved from inactive to active status. HAWAII: Expanded historical note. MADAGASCAR: Added Madagascar World Voice to note. MALAYSIA: Added later names of British Far Eastern Broadcasting Service. ZAMBIA: Added reference to Voice of Hope.
v. 2016.2	June 10, 2016	CHAD: Moved from inactive to active; reported receptions suggest that Radio Chad reactivated in March 2016. KUWAIT: R. Kuwait is inactive; IBB-Kuwait is still active. MICRONESIA, FED. STATES OF: Moved from active to inactive; PMA station, The Cross Radio, is off the air. RUSSIAN. FED-ASIAN: Moved from inactive to active; R. Sakha, Yakutsk, 7295 & 7345 kHz., reactivated in early May 2016. SRI LANKA: IBB-Iranawila closed down on June 8, 2016.
v. 2016.3	October 6, 2016	DJIBOUTI: Moved from active to inactive status, off since approx. February 2015. GUINEA: Conakry's continued activity in 2016 noted.

Inactive countries are shaded

RUSSIAN FED.-ASIAN (Asiatic RSFSR): Temporary reactivation of Vladivostok noted.
SENEGAL: Closedown year corrected; 1997 rather than 1974.
SOMALIA, FED. REP. OF--ITALIAN: R. Puntland's continued activity noted.
SOMALIA, FED. REP. OF--BRITISH (British Somaliland): Low-power activity noted.
UGANDA: R. Uganda is no longer on SW.

[v. 2017.1](#)

April 12, 2017

AFGHANISTAN: Moved from inactive to active; Radio Afghanistan reactivated 6100 kHz. in October 2016.
ALBANIA: Radio Tirana left shortwave at the end of March 2017; China relays continued.
AUSTRALIA: Radio Australia and the Northern Territory SW Service closed down on January 31, 2017.
CANADA: CKZU left SW in late 2016/early 2017, leaving only CFRX and CFVP (plus CKZN-Newfoundland)
ECUADOR: Status of stations updated.
KUWAIT: Radio Kuwait noted back on SW in April 2017.
LITHUANIA: Moved from active to inactive; Sitkunai relay site closed down.
NORWAY: Updated info on LKB-LLE Bergen Broadcasting.
THAILAND: BBC Asia Relay Station ceased broadcasting on January 1, 2017; the permanency of this change is unclear.

[v. 2017.2](#)

December 5, 2017

AUSTRALIA: Low-power Ozy Radio-5045 noted.
CANADA-NEWFOUNDLAND: Moved from active to inactive; CKZN has been off the air since approx. June 2017.
CHILE: Moved from inactive to active; Radio Triunfal Evangelica reactivated mid-October .
EQUATORIAL GUINEA-FERNANDO POO: Moved from inactive to active; Radio Nacional, Malabo, was reactivated on 6250 kHz. on July 26, 2017, though reported only infrequently since.
GERMANY, FED. REP.: Added Winsen an der Aller site, updated powers.
INDIA: Added active/inactive sites.
MOROCCO-SPANISH: Moved from active to inactive; R. Medi 1, Nador, left SW c. May 1, 2017.
PAPUA NEW GUINEA-PAPUA TERR.: Noted loss of Wantok Radio Light.

[v. 2018.1](#)

August 6, 2018

AUSTRALIA: Ozy Radio new frequency 4835 kHz. added to note; opening of 4KZ noted.
CZECHOSLOVAKIA: Operation of pirate R. Bila Hora added to note.
DENMARK: Karup added to 2004 site; WMR reactivated in January 2018, so Denmark moved from inactive to active.
ETHIOPIA: Updated active stations in note.
RUSSIAN FED. - ASIAN (Asiatic RSFSR): Updated note; country moved from active to inactive.
RUSSIAN FED. - EUROPEAN (European RSFSR): Updated note.
RUSSIAN FED. - KALININGRAD (Konigsberg): Updated note.
SWAZILAND: Added reference to new name, Kingdom of eSwatini.

Inactive countries are shaded

- [v. 2019.1](#) May 5, 2019 DENMARK: Radio OZ-Viola added to note.
INDIA: Added link to DX India, VU2JOS.
INDONESIA - IRIAN JAYA: Deleted Merauke and Wamena; Nabire seems still active.
INDONESIA - JAVA: Moved from active to inactive; Cimanggis site closed late 2017-early 2018.
INDONESIA-SULAWESI: Moved from active to inactive; Makassar and Palu appear to be off.
NEPAL: Moved from inactive to active; returned to shortwave with very low power circa Sep 2018.
NORTHERN MARIANAS, COMM.: Both Saipan and Tinian are reportedly back on following Oct-Nov 2018 typhoon damage.
PAPUA NEW GUINEA-NEW BRITAIN: Moved from active to inactive; Rabaul appears off the air.
PAPUA NEW GUINEA-NEW GUINEA TERR.: Vanimo appears off.
PAPUA NEW GUINEA-PAPUA TERR.: Wantok reported back on April 2019; Alotau and Meni appear off.
SOUTH AFRICA: Moved from active to inactive; SENTECH-Meyerton closed down March 30, 2019.
VANUATU: Moved from active to inactive; R. Vanuatu has been off since late 2017-early 2018.
- [v. 2020.1](#) January 2, 2020 DENMARK: Noted WMR's closure.
INDIA: List of active/inactive stations updated; Kurseong, Mumbai, Shillong now inactive.
INDIA-ANDAMAN & NICOBAR ISLANDS: Moved from active to inactive; Port Blair closed down August 23, 2019.
PALAU (Belau): Moved from active to inactive; T8BZ/T8WH closed down on October 27, 2019.
YEMEN, REP.-NORTH: Moved from active to inactive; Sana'a last heard in 2015.
VANUATU (New Hebrides): Moved from inactive to active; R. Vanuatu reactivated in December 2019.
- [v. 2020.2](#) Sept. 23, 2020 AUSTRALIA: Deleted frequency, power, and location for low-power stations.
CONGO, DEM. REP.: Noted that R. Kahuzi is active intermittently; R. Candip closed in 2017.
DENMARK: Deleted details of low-power stations.
GERMANY, FED. REP.: Deleted powers of low-power stations, updated locations.
GERMANY, FED. REP.-DDR: Low-power activity: deleted Goren, added Hartenstein.
INDIA: Date of list of active locations updated.
INDONESIA-IRIAN JAYA: Moved from active to inactive; RRI-Nabire closed mid-2019.
NEPAL: Moved from active to inactive; R. Nepal closed in mid-2019.
NETHERLANDS: Noted presence of legal low-power stations; moved from "Active-Pirates Only" to "Active"
NORWAY: Replaced reference to LKE-LLE with reference to Radio Northern Star.
SOMALIA, FED. REP. OF-BRITISH: Noted that R. Hargeisa is currently unheard.
SOMALIA, FED. REP. OF-ITALIAN: Deleted reference to current activity of R. Puntland (status unclear).
- [v. 2021.1](#) June 13, 2021 COLOMBIA: Noted inactivity of La Voz de tu Conciencia/R. Alacaraván, activity of La Montaña-4940.
EQUATORIAL GUINEA-FERNANDO POO: Moved from active to inactive; not heard in a very long time.
INDIA: Noted that Aligarh, Bhopal, Chennai [Madras], Hyderabad, Jaipur and Thiruvananthapuram have been decommissioned, c. October 2020.
INDIA-GOIA (Portuguese India): Moved from active to inactive; Panaji closed in 2020.
PALAU (Belau): Moved from inactive to active; xmtrs are carrying Hope Radio programing as of November 1, 2020.

Inactive countries are shaded

PAPUA NEW GUINEA-PAPUA TERR.: Moved from active to inactive; Wantok Radio transmitter site moved from Port Moresby to Mt. Hagen (in PNG-New Guinea Terr.) in 2020.

SYRIA: Corrected closedown year from c. 2004 to c. 2012.

VENEZUELA: Moved from inactive to active on the strength of Radio Onda Corta Venezuela, whose exact status is unclear.

v. 2021.2

Dec. 31, 2021

AUSTRALIA: Added Island 88 FM (5045) to low-power roster.

BHUTAN: Moved from active to inactive; appears to have left shortwave in late 2020.

GERMANY, FED. REP. - DDR: Substituted Gera for Hartenstein in low-power activity.

GUATEMALA: Intermittent operation of Radio Verdad noted.

INDIA: Aizawl apparently left the air in 2020; Jeypore and Delhi-Khampur left shortwave Dec 31, 2021; all marked inactive.

INDIA-KASHMIR: Srinagar left shortwave Dec 31, 2021, marked inactive; Leh apparently still on.

INDIA-SIKKIM: Moved from active to inactive; Gangtok off for many months, apparently left shortwave with finality on Dec 31, 2021.

INDONESIA-MALUKU: Moved from active to inactive; occasional Ternate reactivation ended, off shortwave since c. 2019.

SOMALIA, FED. REP. OF-BRITISH: Moved from active to inactive; R. Hargeisa has been off since c. 2018.

SOMALIA, FED. REP. OF-ITALIAN: R. Puntland has been unreported since 2017; Warsan Radio appears on the air (location corrected from old British Somaliland to old Italian Somaliland).

UGANDA: Moved from active to inactive; R. Dunamis left shortwave c. 2016-2018.