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# MEDIUMWAVE GUIDE



**Frequency order guide to  
mediumwave radio stations in  
Europe, Africa, Middle East,  
Caucasus and South Asia**

*This guide has been prepared  
primarily for listening in the  
British Isles and Europe*

# Mediumwave Guide

Compiled and edited by Tony Rogers

This is a frequency order guide to mediumwave stations in Europe, Africa, the Middle East, West Asia, South Asia, and selected stations in the rest of Asia and the Pacific, prepared primarily for listening in the British Isles and Europe.

Stations have been grouped as follows for each frequency:

- British Isles: stations in the UK and Ireland.
- Europe: stations predominately in mainland Europe.
- Macaronesia: stations in the Azores, Canary Islands and Madeira archipelagos.
- North Africa: stations in the Spanish enclaves of Ceuta and Melilla
- Africa: stations in sub-Saharan Africa.
- The Arab World: stations in countries in North Africa and the Middle East that speak Arabic as their primary language
- West Asia: stations in the northern part of West Asia, where Arabic isn't the main language; i.e. Iran, Turkey and countries the Caucasus region.
- South Asia: stations in Bangladesh, India, Nepal, Pakistan, Sri Lanka and some neighbouring areas.
- Rest of Asia and the Pacific: stations of 50 kW and over have been included which might reach the British Isles and Europe on occasions based on their higher power (for more comprehensive details of stations in Asia and the Pacific please see below)

With so many stations in Asia-Pacific it is impossible to predict what might be heard in the British Isles and Europe, so it is important to know the band well. For further reference three excellent guides listing current MW stations in the region are Bruce Portzer's [Pacific-Asian Log \(PAL\)](#) and Alan Davies' [Asiawaves](#).

If you want to study logs submitted by DXers in the British Isles since 1978, the [DX Guides](#) website has several compilations for stations in Africa, the Middle East, Asia, and the Pacific.

Information in this guide has been cross-referenced in many cases with WRTH 2022, Asiawaves, and MWlist, but a lot of research has been done through monitoring and online searches. Entries are also updated when news and observations are posted on the various news groups and forums.

My thanks to Rihards Millers in Latvia, Alex Miatlikov in Ukraine, and Jose Jacob in India for their help in keeping this guide (and others) up-to-date. And as always thanks to Zenon Teles for his keen eye in checking the various guides for accuracy.

Note: the format in this guide should be self explanatory; in some cases where a transmitter power has been mentioned and "+ LP" follows it, it just means that there are other synchronised transmitters of lower power also on that frequency.

**All times are UTC (and have been adjusted to DST where applicable)**

Compiled by Tony Rogers - [dxguides@gmail.com](mailto:dxguides@gmail.com)

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## 531 kHz

### EUROPE

**FAROE ISLANDS - Kringvarp Føroya**, Akraberg, Suðuroy (10 kW) - 24h in Faroese  
**ROMANIA - Radio România Actualităţi**, Petroşani, Vest (15 kW) - 24h in Romanian  
**ROMANIA - Antena Satelor**, Urziceni, Sud (15 kW) - 0250-1900 in Romanian  
**SPAIN - RNE Radio 5**, Pontevedra, Galicia (25 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Oviedo, Asturias (25 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Córdoba, Andalucía (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Pamplona, Navarre (10 kW) - 24h in Spanish

### AFRICA

**BOTSWANA - Radio Botswana, National Service**, Maun, Ngamiland (50 kW) - 24h in Setswana/English

### THE ARAB WORLD

**ALGERIA - Radio Algérie Internationale**, F'kirina Wilaya, Oum El Bouaghi Province (600 kW between 0600-1800 and 300 kW between 1800-0600) - 24h mostly in Arabic, with some French, English & Spanish content  
**SAUDI ARABIA - SBA, Holy Quran Programme**, Bisha, Asir Province (10 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Qazvin**, Qavzin, Qazvin Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Jodhpur, Rajasthan (300 kW) - 0025/1740 in Hindi, English etc

## 540 kHz

### EUROPE

**HUNGARY - MR1-Kossuth Rádió**, Solt, Southern Great Plain (2000 kW) - Mon-Fri: 0220-2030 in Hungarian  
**SPAIN - Onda Cero Catalunya**, Barcelona, Catalonia (50 kW) - 24h in Spanish and Catalan

### AFRICA

**MALAWI - MBC Radio 1**, Mangochi, Southern Region (10 kW) - 0200-2200 in Chichewa/English  
**NIGERIA - Rima Radio**, Sokoto, Sokoto State (50 kW) - 0430-2305 in Nigerian languages

### THE ARAB WORLD

**KUWAIT - Radio of the State of Kuwait, Main Arabic Programme**, Kabd (600 kW) - 24h in Arabic  
**MOROCCO - Moroccan Radio, National Network**, Sidi Bennour, Casablanca-Settat (300 kW) - 24h in Arabic  
**SUDAN - South Darfur State Radio**, Nyala, South Darfur (50 kW) - current status unconfirmed

### SOUTH ASIA

**INDIA - Akashvani**, Aizawl, Mizoram (20 kW)  
**PAKISTAN - Radio Pakistan**, Peshawar, Khyber-Pak'hwa (300 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, numerous synchronised transmitters of 50 kW and less - 2025-1805 in Chinese

## 549 kHz

### EUROPE

**KOSOVO - Radio Kosovo**, Pristina (100 kW) -1400-2000 in Albanian  
**RUSSIA - Radio Rossii**, Bolshakovo, Kaliningrad (75 kW) - Russian; occasional tests  
**SLOVENIA - Radio Koper / Radio Slovenija 1**, Beli Križ (15 kW) - 0300-2200 Radio Koper in Slovenian; 2200-0300 Radio Slovenija in Slovenian

### AFRICA

**NIGERIA - Radio Kano AM**, Kano, Kano State (50 kW) - current status unconfirmed, possibly inactive

### THE ARAB WORLD

**ALGERIA - Jil FM**, Sidi Hamadouche, Sidi Bel-Abbes (600 kW: 0600-1800; 300 kW: 1800-0600) - 24h in Arabic/French  
**SAUDI ARABIA - SBA Radio Riyadh**, Qurayyat, Al Jawf Province (2000 kW) - 0300-1500 in Arabic  
**SAUDI ARABIA - SBA Radio Riyadh**, Rafha, Northern Border Province (20 kW) - 24h in Arabic  
**SAUDI ARABIA - SBA Radio Riyadh**, Ar-Rass, Al Qassim Province (10 kW) - 24h in Arabic  
**SAUDI ARABIA - Radio Al-Azm**, Jazan, Jazan Province (1 kW) - 24h in Arabic; for Saudi military serving in Yemen and the southern part of the Kingdom

## **SOUTH ASIA**

**INDIA - Akashvani**, Ranchi, Jharkhand (100 kW) - 0025/1741 in Hindi, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-5, Taiwan 1**, Putian, Fujian (1200 kW) - 2055-1705 in Chinese

**THAILAND - Radio Thailand, National Education Radio**, Lampang (100 kW) - 2200-1700 in Thai

**VIETNAM - Voice of Vietnam, Network 2**, My Hao, Hung Yen Province (200 kW) - 2145-1700 in Vietnamese

## **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Central West (2CR)**, West Orange, New South Wales (50 kW) - 24h in English

## **558 kHz**

### **BRITISH ISLES**

**ENGLAND - Panjab Radio**, London (Crystal Palace 2.5 kW) - 24h in English and Panjabi

### **EUROPE**

**ROMANIA - Radio România Actualități**, Târgu Jiu, Sud-Vest (400 kW) - 24h in Romanian

**SLOVENIA - Muravideki Magyar Radio / Radio Slovenija 1**, Nemcavci, eastern Slovenia (20 kW) - 0345-2200  
Muravideki Magyar Radio in Hungarian; 2200-0345 Radio Slovenia 1 in Slovenian

**SPAIN - RNE Radio 5**, Valencia, Comunidad Valenciana (50 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, La Coruña, Galicia (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, San Sebastián, País Vasco (10 kW) - 24h in Spanish

### **AFRICA**

**BOTSWANA - Radio Botswana, National Service**, Muchenje, Chobe District (50 kW) - 24h in Setswana/English

**MALAWI - MBC Radio 1**, Karonga, Northern Region (10 kW) - 24h in Chichewa/English

### **THE ARAB WORLD**

**ALGERIA - Radio Ouargla**, Touggourt, Ouargla Province (10 kW) - 0600-1900 in Arabic

**EGYPT - NMA, Educational Programme**, Cairo (100 kW) - Arabic (sign-on observed at 0600)

**SAUDI ARABIA - SBA, Holy Quran Programme**, Abha, 'Asir Province (15 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Iran** - 558 kHz is the main mediumwave frequency for Radio Iran with several transmitters having moved there in recent years from other frequencies. The service is 24h on most of the following stations:

**IRAN - IRIB, Radio Iran**, Tehran (Goldasteh 600 kW)

**IRAN - IRIB, Radio Iran**, Iranshahr, Sistan & Baluchestan Province (600 kW)

**IRAN - IRIB, Radio Iran**, Azarshahr, East Azerbaijan Province (500 kW)

**IRAN - IRIB, Radio Iran**, Shiraz (Dehnow), Fars Province (400 kW)

**IRAN - IRIB, Radio Iran**, Shushtar, Khozestan Province (400 kW)

**IRAN - IRIB, Radio Iran**, Sirjan, Kerman Province (400 kW)

**IRAN - IRIB, Radio Iran**, Gonbad-e Qabus, Gorgan Province (300 kW)

**IRAN - IRIB, Radio Iran**, Bushehr, Bushehr Province (200 kW)

**IRAN - IRIB, Radio Iran**, Habibabad, Isfahan Province (200 kW)

**IRAN - IRIB, Radio Iran**, Mashhad, Razavi Khorasan Province (200 kW)

**IRAN - IRIB, Radio Iran**, Ardekan, Yazd Province (200 kW)

**IRAN - IRIB, Radio Iran**, Birjand, South Khorasan Province (150 kW)

**IRAN - IRIB, Radio Iran**, Kiasahr, Gilan Province (100 kW)

**IRAN - IRIB, Radio Iran**, Hamadan, Hamadan Province (100 kW)

**IRAN - IRIB, Radio Iran**, Shahr-e Kord, Chah. & Bakhtiari Province (50 kW)

**IRAN - IRIB, Radio Iran**, Yazd, Yazd Province (50 kW)

**IRAN - IRIB, Radio Iran**, Zanzan, Zanzan Province (50 kW)

**IRAN - IRIB, Radio Iran**, Shahroud, Semnan Province (50 kW)

### **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Khulna (100 kW) - 0000-0400 and 0600-1710 in Bengali and English

**INDIA - Akashvani**, Mumbai, Maharashtra (100 kW) - 2355-1850 with Asmita Channel in Hindi, Marathi

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Fujian R&TV, News and General Service**, Fuzhou, Fujian (50 kW + LP) - 2040-1700 in Chinese and Amoy

**CHINA - Xinjiang R&TV, Uighur Service**, Hutubi, Xinjiang (120 kW + LP) - 2300-1800 in Uighur

**KOREA SOUTH - KBS-2 (HLQH)**, Yeong-il, Daegu (250 kW) - 24h in Korean

**VIETNAM - Voice of Vietnam, Network 2**, Ho Chi Minh City (Quan Tre, 100 kW) - 2145-1700 in Vietnamese

### **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Great Southern (6WA)**, Wagin, Western Australia (50 kW) - 24h in English

## 567 kHz

### EUROPE

**ROMANIA - Radio România Actualități**, Brasov-Bod, Centru (50 kW) - 24h in Romanian

**ROMANIA - Radio România Actualități**, Satu Mare, Nord-Vest (50 kW) - 24h in Romanian

**SPAIN - RNE Radio 5**, Murcia, Murica (25 kW) - 24h in Spanish

### AFRICA

**SOUTH AFRICA - Cape Talk**, Cape Town, Western Cape (25 kW) - 24h in English

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Holy Quran Programme**, Jeddah (Bahrah), Makkah Province (200 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Holy Quran Programme**, Afif, Riyadh Province (15 kW) - 24h in Arabic

**SYRIA - Syrian Radio, General Prgr**, Adra, Damascus Province (300 kW) - Arabic (for southern Syria, Jordan and Palestine)

### SOUTH ASIA

**INDIA - Akashvani**, Dibrugarh, Assam (300 kW)- 0000/1700 in Hindi, English etc

**PAKISTAN - Radio Pakistan**, Khuzdar, Baluchistan (300 kW) - 0200-0400 and 1155-1810 in Urdu and English

### REST OF ASIA (transmitters of 50 kW and over)

**JAPAN - NHK-1 (JOIK)** - Sapporo, Hokkaido (100 kW) - 24h in Japanese; has ben reported in the British Isles

**KOREA SOUTH - KBS-1 (HLKF)** - Jeonju, North Jeolla Province (100 kW) - 24h in Korean

**LAOS - Lao National Radio**, Vientiane (200 kW) - 2200-0800 and 0900-1300 in Lao & minority languages

## 576 kHz

### EUROPE

**BULGARIA - BNR-1 Horizont**, Gramada, Vidin (250 kW) - 24h in Bulgarian

**SPAIN - RNE Radio 5**, Barcelona, Catalonia (100 kW) - 24h in Spanish

### MACARONESIA

**CANARY ISLANDS - RNE Radio Nacional**, Las Palmas,Gran Canaria (25 kW) - 24h in Spanish

### AFRICA

**SOUTH AFRICA - Radio Veritas**, Meyerton, Gauteng (50 kW) - 24h in English

### THE ARAB WORLD

**ALGERIA - Radio Algérie Internationale**, Béchar, Béchar Province (400 kW) - 24h mostly in Arabic, with some French, English & Spanish segments

**OMAN - Radio Sultanate of Oman, General Arabic Programme**, Haima, Al Wusta Region (100 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Holy Quran Programme**, Jizan, Jizan Region (20 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB World Service**, Bandar-e Mahshahr, Khuzestan Province (600 kW) - Arabic

**IRAN - IRIB, Voice of Khuzestan**, Bandar-e Mahshahr, Khuzestan Province (600 kW) - subject to confirmation

**IRAN - IRIB, Radio Chichest**, Maku, West Azerbaijan Province (50 kW) - 24h in Persian/Azeri

### SOUTH ASIA

**INDIA - Akashvani**, Allapuzha, Kerala (200 kW) - 0020/1740 in Hindi, English etc

**NEPAL - Radio Nepal**, Surkhet, Mid-Western Region (100 kW) - 2315-1715 in Nepali and others

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Yunnan R&TV, Yunnan News Service**, Kunming, Yunnan (200 kW + LP - 2215-1600 in Chinese

**MYANMAR - Myanma Radio**, Yangon, Yangon Region (200 kW) - 0030-0230(0330sa) in Burmese, 0330-0700 in Burmese, 0700-0730 in English, 0930-1530 in Burmese, 1530-1600 in English

**VIETNAM - Khanh Hoa Radio & TV Station**, Khanh Hoa Province (Nha Trang, 50 kW) - 2145-1700 in Vietnamese

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Radio National (2RN)**, Sydney, New South Wales (50 kW)

## 585 kHz

### EUROPE

**SPAIN - RNE Radio Nacional**, Majadahonda, Madrid (600 kW) - 24h in Spanish

## **AFRICA**

**ZANZIBAR - Zanzibar Broadcasting Corporation**, Chumbuni, Zanzibar City (350 kW) - 0300-2100 in Swahili

## **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Radio Riyadh**, Riyadh, Riyadh Province (1200 kW) - 24h in Arabic

**TUNISIA - Tunisian Radio, National Channel**, Gafsa, Gafsa Governorate (350 kW) - 0400-0000 in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Farhang**, Tehran (Gheslagh), Tehran Province (1000 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Nagpur, Maharashtra (300 kW) - 0020/1745 in Hindi, English etc

**PAKISTAN - Radio Pakistan**, Faqeerabad, Punjab (500 kW) - 0045/1900 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Southeast Broadcasting Company**, Fuzhou, Fujian (400 kW) - 2255-1650 in Chinese and Amoy

## **594 kHz**

### **AFRICA**

**MALAWI - MBC Radio 1**, Lilongwe, Central Region (25 kW) - 24h in Chichewa/English

**NIGERIA - Radio Nigeria Kaduna, Channel 1**, Jaji, Kaduna State (200 kW) - 0400-2305 in Hausa

### **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Radio Riyadh**, Duba, Tabuk Province (2000 kW) - 0230-1500 in Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Al-Hufuf, Eastern Province (10 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Radio Neda al-Islam**, Makkah, Makkah Province (50 kW) - 0430-2300 in Arabic

### **SOUTH ASIA**

**INDIA - Akashvani External Service**, Chinsurah, West Bengal (1000 kW) - Akashvani Maitree Channel for listeners in Bangladesh: 0030-0900 in Bangla (Maitree Channel), 1000-1515 in Bangla (Maitree Channel), 1515-1530 in Hindi, 1530-1545 in English, 1545-1830 in Bangla (Maitree Channel)

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Xizang R&TV, Tibetan Service**, Lhasa, Xizang (300 kW + LP) - 2100-1805 Tibetan, including Holy Tibet prgr in English 0700-0730, 1630-1700

**JAPAN - NHK-1 (JOAK)**, Kuki, Tokyo (300 kW) - 24h in Japanese

**MYANMAR - Myanma Radio**, Naypyidaw, Naypyidaw Union Territory (200 kW) - 0030-0230(0330sa) in Burmese, 0330-0700 in Burmese, 0700-0730 in English, 0930-1530 in Burmese, 1530-1600 in English

**PHILIPPINES - DZBB Super Radyo**, Obando (Manila area), Bulacan (50 kW) - 24h in Tagalog

**VIETNAM - Voice of Vietnam, Network 1**, Quang Nam Province (An Hai, Danang, 50 kW) - 2145-1700 in Vietnamese

### **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Western Victoria (3WV)**, Horsham, Victoria (50 kW) -24h in English

## **595 kHz**

### **THE ARAB WORLD**

**MOROCCO - Moroccan Radio, National Network**, Oujda, Oriental Region (50 kW) - 24h in Arabic; has been operating on either 595, 595.9 or 596 kHz at one time or another in recent years; as of early July 2023 the transmitter is heard on 595 kHz

## **603 kHz**

### **BRITISH ISLES**

**ENGLAND - BBC Radio 4**, Wrekenton, Newcastle-upon-Tyne, Tyne & Wear (2 kW) - 24h in English: relay BBC WS at

**ENGLAND - Smooth Radio - Kent**, Littlebourne, Kent (0.1 kW) - 24h in English

0000-0420

### **EUROPE**

**ITALY - Nuova Radio**, Spoltore, PE, Abruzzo (0.3 kW) - Italian

**ROMANIA - Radio România Actualități**, Oradea, Biharia Euroregion (50 kW) - 24h in Romanian

**ROMANIA - Radio România Actualități**, Botosani, Nord-Est (50 kW) - 24h in Romanian

**ROMANIA - Antena Satelor**, Bucharest (30 kW) - 0300-1900 in Romanian, including Monday-Saturday 1100-1200 Radio Bukarest in German and 1200-1300 Bukaresti Rádió in Hungarian, and Sunday 0700-0720 Bukaresti Rádió in Hungarian and 0720-0730 Radio Bukarest in German

**ROMANIA - Radio Oltenia Craiova / Radio România Actualități**, Drobeta-Turnu Severin, Sud-Vest (14 kW) - 24h in Romanian: 0200-2000 Radio Oltenia Craiova, 2000-0200 Radio România Actualități

**SPAIN - RNE Radio 5**, Sevilla, Andalucía (50 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Palencia, Castilla y León (5 kW) - 24h in Spanish

### **AFRICA**

**NIGERIA - Ogun Radio**, Abeokuta, Ogun State (25 kW) - 0400-0000 in Nigerian languages

### **THE ARAB WORLD**

**EGYPT - NMA, Holy Quran Prgr**, Sohag, Sohag Governorate (50 kW) - Arabic

**OMAN - Radio Sultanate of Oman**, Bidiyah, Ash-Sharqiyyah Governorate (500 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Khorasan-e Razavi**, Bajgiran, Razavi Khorasan Province (10 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA - Akashvani**, Ajmer, Rajasthan (200 kW) - 0025/1741 in Hindi, English etc

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Dongfang, Hainan (600 kW) - 2300-0100 in Vietnamese, 0400-0600 in Vietnamese, 1100-1200 in Cantonese, 1300-1600 in Vietnamese

**CHINA - Henan R&TV, Information Sce**, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

**KOREA SOUTH - KBS-2 (HLSA)**, Namyang, Seoul (500 kW) - 2000-1800 in Korean

## **610 kHz**

### **REST OF ASIA (transmitters of 50 kW and over)**

**VIETNAM - Voice of the People of Ho Chi Minh City**, Ho Chi Minh City (Tang Nhon Phu, 200 kW) - 2100-1700 in Vietnamese and limited Cambodian

## **612 kHz**

### **EUROPE**

**SPAIN - RNE Radio Nacional**, Lleida, Catalonia (600 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Vitoria-Gasteiz, Álava, País Vasco (10 kW) - 24h in Spanish

### **AFRICA**

**NIGERIA - Radio Kwara**, Illorin, Kwara State (50 kW) - 0400-2300 in Nigerian languages

### **THE ARAB WORLD**

**BAHRAIN - Radio Bahrain, Holy Quran Programme**, Abu Hayan (100 kW) - 24h in Arabic

**JORDAN - Radio Jordan, Main Arabic Programme**, Shobak, Ma'an Province (100 kW) - 24h in Arabic; includes Jordanian Armed Forces Radio at 1300-1500

**MOROCCO - Moroccan Radio, National Network**, Sebaâ-Aioun, Meknès-Tafilalet (300 kW) - 0400-0100 in Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Al-Aflaj, Riyadh Province (15 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Jeddah FM**, Ha'il, Ha'il Province (5 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB World Service**, Qasr-e Shirin, Kermanshah (600 kW) - 0420-0520 in Kurdish, 0520-1530 in Arabic

### **SOUTH ASIA**

**INDIA - Akashvani**, Banguluru, Karnataka (200 kW) - 0025/1737 in Hindi, English etc

### **REST OF ASIA (transmitters of 50 kW and over)**

**JAPAN - NHK-1 (JOLK)**, Fukuoka, Fukuoka (100 kW) - 24h in Japanese

**KYRGYZSTAN - Kyrgyz Radio**, Krasnaya Rechka (300 kW) - 0000-1200 in Kyrgyz

**KYRGYZSTAN - TWR relay**, Krasnaya Rechka (200 kW) - 1500-1545 in Kazakh, 1545-1600su in Russian, 1545-1615mo-sa in Russian, 1600-1630su in Uzbek, 1615-1630mo-fr in Russian, 1615-1630sa in Uzbek, 1630-1700 in Uzbek, 1700-1715fr-su in Kazakh, 1715-1730fr-su in Kirghiz

### **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Brisbane (4QR)**, Brisbane Queensland (50 kW) - 24h in English

## 621 kHz

### EUROPE

**MOLDOVA (PMR) - Radio 1 Plyus**, Grigoriopol (150 kW) - Radio 1 Plyus:1200-1518mo-fr in Russian, except for Ukrainian at 1230-1237 and Romanian at 1330-1337

**MOLDOVA (PMR) - TWR relay**, Grigoriopol (150 kW) - 1730-1830 in Russian, except for Belarusian at 1820-1830we/sa and 1805-1820th

**SPAIN - RNE Radio Nacional**, Jaén, Andalucía (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Ávila, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Palma de Mallorca, Balearic Islands (10 kW) - 24h in Spanish

### MACARONESIA

**CANARY ISLANDS - RNE Radio Nacional**, Las, Mesas, Tenerife (75/100 kW) - 24h in Spanish

### AFRICA

**BOTSWANA - Radio Botswana, National Service**, Selebi Phikwe, Central District (100 kW) - 24h in Setswana/English

**TANZANIA - TBC Taifa**, Mbeya, Mbeya Region (50/10 kW) - 0200-2100 in Swahili; reported to be irregular

### THE ARAB WORLD

**EGYPT - ERTU, Voice of the Arabs** (MWList says Tanta 35 kW) - Arabic

### WEST ASIA

**IRAN - IRIB, Radio Khalij-e Fars**, Bandar Abbas, Hormozgan (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Patna, Bihar (200 kW) - 0015/1742 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Heilongjiang R&TV, News Service**, Harbin, Heilongjiang (200 kW + LP) - 2055-1500 in Chinese

**KOREA NORTH - Voice of Korea / Pyongyang Broadcasting Station**, Chongjin, Hamgyong Pukdo (500 kW) - 2100-0000 Voice of Korea in Japanese, 0000-0700 R&TV in Korean, 0700-1300 in Japanese, 1300-1800 R&TV in Korean

**TAJIKISTAN - USAGM Relay**, Orzu (150 kW) - 1300-0100 Mashaal Radio/Deewa Radio in Pashto

**THAILAND - Radio Thailand, National Education Radio**, Khon Kaen (100 kW) - 2200-1700 in Thai

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Radio National (3RN)**, Melbourne, Victoria (50 kW) - 24h in English

## 630 kHz

### EUROPE

**PORTUGAL - Antena 1**, Montemor-o-Velho, Centro Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Miranda do Douro, Norte Region (1 kW) - 24h in Portuguese

**ROMANIA - Radio Timișoara, Programme 2**, Ortisoara, Vest (400 kW) - 24h: 2300-1000 in Romanian, 1000-1100 in German, 1100-1200 in Hungarian, 1200-1300 in Serbian, 1300-1800mo-sa in Romanian, 1300-1330su in Romanian, 1330-1400su in Czech, 1400-1500su in Slovak, 1500-1600su in Ukrainian, 1600-1700su in Bulgarian, 1700-1800su in Romani, 1800-2300 in Romanian

**ROMANIA - Antena Satelor**, Voinești, Sud (50 kW) - 0250-1900 in Romanian

### AFRICA

**MADAGASCAR - Radio Madagasikara**, Fenoarivo Atsinanana (50 kW) - 0300-1900(2200ss) in Malagasy

### THE ARAB WORLD

**KUWAIT - Radio of the State of Kuwait, Holy Quran Programme**, Magwa (10 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Jeddah FM**, Jizan, Jizan Province (20 kW) - 0300-2200 in Arabic

**SAUDI ARABIA - SBA, Holy Quran Programme**, Najran, Najran Province (10 kW) - 24h in Arabic

**TUNISIA - Tunisian Radio, National Channel**, Tunis, Tunis Governorate (300 kW) - 24h in Arabic

### WEST ASIA

**TURKEY - TRT Radyo 1**, Mersin (Cukurova), Adana Province (300 kW) - 0300-2200 in Turkish, including regional prgrs from TRT Çukurova Radyosu

### SOUTH ASIA

**BANGLADESH - Bangladesh Betar**, Savar, Dhaka (100 kW) - 0300-1300 in Bengali and English

**INDIA - Akashvani**, Thrissur, Kerala (100 kW) - 0020/1735 in Hindi, English etc

**PAKISTAN - Radio Pakistan**, Lahore, Punjab (100 kW) - 0045/1900 in Urdu, english etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-2**, several transmitters (100 kW and less) - 2100-1602 in Chinese

**INDONESIA - RRI Makassar (Pro-1)**, Makassar, Sulawesi Selatan (50 kW) - 2055-1600 in Indonesian

**VIETNAM - Voice of Vietnam, Network 1**, Quang Binh Province (Dong Hoi, 200 kW) - 2145-1700 in Vietnamese

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC North Queensland (4QN)**, Townsville, Queensland (50 kW) - 24h in English

## 639 kHz

### EUROPE

**SPAIN - RNE Radio Nacional**, La Coruña, Galicia (300 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Zaragoza, Aragón (50 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Bilbao, País Vasco (50 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Almería, Andalucía (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Albacete, Castile-La Mancha (10 kW) - 24h in Spanish

### AFRICA

**LESOTHO - Lesotho National BS (Radio Lesotho)**, Lancer's Gap, Maseru (100 kW) - 24h in Sesotho/English

**NIGERIA - Kaduna State Media Corp (KSMC Kada 1)**, Katabu, Kaduna State (50 kW) - 0430-2305 in Nigerian langs

### THE ARAB WORLD

**OMAN - Radio Sultanate of Oman**, Mahdha, Al-Buraimi Governorate (100 kW) - 24h in Arabic

**SUDAN - North Kordufan State Radio**, El Obeid, North Kordufan (10 kW) - current status unconfirmed

### WEST ASIA

**IRAN - IRIB WS**, Bonab, East Azerbaijan Province (400 kW) - 0420-0520 & 1320-1620 in Kurdish, 1830-1920 in Turkish

### SOUTH ASIA

**INDIA - Akashvani**, Kohima, Nagaland (100 kW)

**PAKISTAN - Radio Pakistan**, Karachi, Sindh (100 kW) - 0200-0400, 1300-1800 in Urdu, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, Beijing (200 kW + LP) - 2025-1805 in Chinese

**MYANMAR - Thazin Radio**, Pyin U Lwin, Mandalay Region (400 kW) - 2330-0130 in Burmese, 0130-0200 in English,

0430-0630 in Burmese, 0630-0700 in English, 0930-1430 in Burmese, 1430-1500 in English

## 648 kHz

### BRITISH ISLES

**UNITED KINGDOM - Radio Caroline**, Orfordness, Suffolk (4 kW) - 24h in English (CR)

### EUROPE

**SLOVENIA - Radio Murski Val**, Nemčavci, Mura (10) - 24h in Slovenian

**SPAIN - RNE Radio Nacional**, Badajoz, Extremadura (10 kW) - 24h in Spanish

### AFRICA

**BOTSWANA - Radio Botswana, National Service**, Mopipi, Central District (50 kW) - 24h in Setswana/English

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Radio Riyadh**, Jeddah, Makkah Province (2000 kW) - 0300-2300 in Arabic

### SOUTH ASIA

**INDIA - Akashvani**, Indore, Madhya Pradesh (200 kW) - 0025/1740 in Hindi, English etc

**NEPAL - Radio Nepal**, Dhankuta, Eastern Province (100 kW) - 2315-1715 in Nepali and others

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Guangdong R&TV, Satellite Radio Guangdong**, Guangzhou, Guangdong (50 kW) - 24h in Chinese

**VIETNAM - Voice of Vietnam, Network 1**, Binh Dinh Province (An Nhon, Quy Nhon, 50 kW) - 2145-1700 in Vietnamese

## 657 kHz

### EUROPE

**SPAIN - RNE Radio 5**, Majadahonda, Madrid (20 kW) - 24h in Spanish

## **AFRICA**

**SOUTH AFRICA - Radio Pulpit / Radio Kansel**, Meyerton, Gauteng (50 kW) - 24h in English/Afrikaans

## **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Holy Quran Programme**, Rafha, Northern Borders Province (20 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Gilan**, Kiashahr, Gilan Province (100 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Kolkata, West Bengal (200 kW) - 0025/1740 in Hindi, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Henan R&TV, News Service**, Zhengzhou, Henan (300 kW + LP) - 2030-1700 in Chinese

**KOREA NORTH - Pyongyang Broadcasting Station**, Kangnam-gun, Pyongyang (1500 kW) - 2100-2030 in Korean

**KOREA SOUTH - KBS-1 (HLKM)**, Chuncheon, Gangwon Province (50 kW) - 24h in Korean

**VIETNAM - Voice of Vietnam, Network 1**, Ho Chi Minh City (Quan Tre, 100 kW) - 2145-1700 in Vietnamese

## **666 kHz**

### **EUROPE**

**PORTUGAL - Antena 1**, Valença, Norte Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Vila Real, Norte Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Covilhã, Centro Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Viseu, Centro Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Castanheira do Ribatejo, Lisboa Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Bragança, Norte Region (2 kW) - 24h in Portuguese

**SPAIN - SER, Radio Barcelona**, Barcelona, Catalonia (50 kW) - 24h in Spanish

### **THE ARAB WORLD**

**ALGERIA - Radio Tindouf**, Tindouf (10 kW) - 24h in Arabic

**SUDAN - Kassala State Radio**, Kassala, Kassala State (5 kW) - current status unconfirmed

**SYRIA - Syrian Radio, Programme 2 (Voice of Youth)**, Adra, Damascus Province, (100 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Fars**, Shiraz, Fars Province (400 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Darab, Fars Province (60 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Abadeh, Fars Province (50 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Lamerd, Fars Province (50 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Lar, Fars Province (50 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Dasht-e Qir, Fars Province (50 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Estahban, Fars Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Jahrom, Fars Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Fars**, Kazerun, Fars Province (10 kW) - 24h in Persian

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Voice of the Strait, News Service**, Fuzhou, Fujian (600 kW) - 2225-1600 in Chinese

**CHINA - Qinghai R&TV**, Xining Qinghai (200 kW) - 2200-1605 in Chinese

**CHINA - Tianjin R&TV, Novel Service**, Tianjin, Tianjin Municipality (50 kW) - 2155-1600 in Chinese

**JAPAN - NHK-1 (JOBK)**, Osaka, Osaka (100 kW) - 24h in Japanese

**VIETNAM - Voice of Vietnam, Network 1**, Khanh Hoa Province (Nha Trang, 50 kW) - 2145-1700 in Vietnamese

## **675 kHz**

### **EUROPE**

**NETHERLANDS - Radio Calypso**, Oostwold, Groningen (0.1 kW) - 24h in Dutch

**NETHERLANDS - Trend Radio**, Leiderdorp Zuid Holland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Unique Gold**, Wijchen, Gelderland (0.1 kW) - 24h in Dutch

### **AFRICA**

**MALAWI - MBC Radio 1**, Ekwendeni, Northern Region (25 kW) - 24h in Chichewa/English

### **THE ARAB WORLD**

**QATAR - Qatar Radio, Main Arabic Programme**, Al-Arish (600 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Afif, Riyadh Province (20 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Abha, Asir Province (5 kW) - 24h in Arabic

## **SOUTH ASIA**

**INDIA - Akashvani**, Itanagar, Arunachal Pradesh (100 kW) - 0020/1630 in Hindi, English etc

**INDIA - Akashvani**, Chhatarpur, Madhya Pradesh (100 kW)

**INDIA - Akashvani**, Bhadravathi, Karnataka (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Nei Menggu R&TV, Chinese News Service**, Hohhot, Nei Menggu (50 kW + LP) - 2150-1605 in Chinese

**VIETNAM - Voice of Vietnam 1**, My Hao, Hung Yen, Hanoi area (500 kW) - 2145-1700 in Vietnamese

## **684 kHz**

### **EUROPE**

**RUSSIA - Radio Radonezh**, Olgino, St Petersburg (10 kW) - 1600-2100 in Russian

**SPAIN - RNE Radio Nacional**, Sevilla, Andalucía (100/150 kW) - 24h in Spanish

### **AFRICA**

**ETHIOPIA - Radio Ethiopia, National Programme**, Metu, Oromia Region (100 kW) - 24h in Ahmaric/Ethiopian langs

**MAURITIUS - MBC, Radio Maurice**, Malherbes (10 kW) - 24h with Kool FM in French and VOA 1 The Hits local overnight

**NIGERIA - Yobe BC (Voice of the Sahel)**, Damaturu, Yobe State (50 kW) - 0500-2300 in Nigerian languages/English

### **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Jeddah FM**, Jeddah, Makkah Province (200 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Jeddah FM**, Riyadh, Riyadh Province (10 kW) - 24h in Arabic

**TUNISIA - Tunisian Radio, National Channel**, Medenine, Medenine Governorate (10 kW) - 0400-0000 in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Khorasan-e Razavi**, Mashhad, Razavi Khorasan Province (100 kW) - 24h in Persian

**IRAN - IRIB, Radio Khorasan-e Razavi**, Kashmar, Razavi Khorasan Province (50 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA - Akashvani**, Kargil, Jammu and Kashmir (200 kW) - 1130-1630 in Hindi, English etc

**INDIA - Akashvani**, Kozhikode, Kerala (100 kW) - 0020/1735 in Hindi, English etc

**INDIA - Akashvani**, Port Blair, Andaman Islands (100 kW) - 2355/1700(1730sa/su) in Hindi, English etc

**NEPAL - Radio Nepal**, Pokhara, Western Region (100 kW) - 2315-1715 in Nepali and others

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Dongfang, Hainan (600 kW) - 1030-1130 in Cambodian, 1200-1300 in English, 1300-1400 in Vietnamese, 1400-1500 in Khmer, 1500-1700 in Vietnamese, 2300-0100 in Khmer

**CHINA - CNR-6, Voice of Shenzhou**, Putian, Fujian (1200 kW) - 2155-1605 in Amoy, Hakka and Mandarin

**CHINA - Gansu R&TV, News Radio**, Lanzhou, Gansu (200 kW + LP) - 2150-1700 in Chinese

## **693 kHz**

### **BRITISH ISLES**

**ENGLAND - BBC Radio 5 Live**, Droitwich, Worcestershire (150 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Stagshaw, Northumberland (50 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Start Point, Devon (50 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Postwick, Norfolk (10 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Barrow-in-Furness, Cumbria (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Bexhill-on-Sea, East Sussex (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Folkestone, Kent (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Southwick, Brighton, Sussex (1 kW) - 24h in English

**SCOTLAND - BBC Radio 5 Live**, Burghead, Morayshire (25 kW) - 24h in English

**SCOTLAND - BBC Radio 5 Live**, Redmoss, Aberdeen (1 kW) - 24h in English

**NORTHERN IRELAND - BBC Radio 5 Live**, Enniskillen, County Fermanagh (1 kW) - 24h in English

### **EUROPE**

**ITALY - Radio Zai.net**, Siziano, PV, Lombardy (2 kW) - Italian

**SPAIN - RNE Radio Nacional**, Toledo, Castile-La Mancha (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Boal, Asturias (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Tortosa, Catalonia (10 kW) - 24h in Spanish

### **AFRICA**

**BOTSWANA - Radio Botswana, National Service**, Shakawe, North-West District (25 kW) - 24h in Setswana/English

## **THE ARAB WORLD**

**ALGERIA - Radio Adrar**, Reggane, Adrar Province (10 kW) - 24h in Arabic; reports also suggest Radio Algérie Internationale is aired at times

## **WEST ASIA**

**IRAN - IRIB**, Radio Khalij-e Fars, Bandar-e Lengeh, Hormogzan Province (100 kW) - 24h in Persian; also relays R Iran

## **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Dhamrai, Dhaka (1000 kW) - 0030-0610, 0830-1730 in Bengali, English

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Shaanxi R&TV, News Sce**, Xianyang, Shaanxi (100 kW + LP) - 24h in Chinese

**JAPAN - NHK-2 (JOAB)**, Tokyo (300 kW) - 2100-1540v in Japanese, with NHK World News and foreign language lessons at various times

**VIETNAM - Voice of Vietnam, Network 1**, Buon Me Thuot City (200 kW) - 2145-1700 in Vietnamese

## **702 kHz**

### **AFRICA**

**SOUTH AFRICA - LM Radio**, Welgedacht, Gauteng (50 kW) - 24h in English

### **THE ARAB WORLD**

**ALGERIA - Radio Laghouat**, Laghouat, Laghouat Province (25 kW) - 24h in Arabic: 0600-1900 Radio Laghouat, 1900-2300 Radio Culture, 2300-0600 Radio Coran

**EGYPT - NMA, South Upper Egypt Radio**, Aswan, Aswan Governorate (10 kW) - Arabic

**EGYPT - NMA, El Wady El Gadid Radio**, El Kharga, New Valley Governorate (10 kW) - Arabic

**SAUDI ARABIA - SBA, Jeddah FM**, Duba, Tabuk Province (40 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Jeddah FM**, Beesha, Asir Province (10 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB World Service**, Kiashahr, Gilan Province (500 kW) - 0320-0520 in Azeri, 0530-0930 in Azeri (Aran), 1420-1650 in Azeri, 1720-1820 in Talysh, 1820-1920 in Turkish, 1920-2020 in Russian, and sometimes continues for several minutes (i.e. from 2020-2039 was heard in Georgian on 26/01/23)

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Jiangsu R&TV, News and General Channel**, Nanjing, Jiangsu (200 kW + LP) - 2000-1700 in Chinese

**KOREA NORTH - Korean Central Broadcasting Station**, Chongjin, North Hamgyong (50 kW) - 2000-1800 in Korean

**PHILIPPINES - DZAS, FEBC**, Bocaue, Bulacan Province (50 kW) - 2045v-1600 in English & Tagalog

**VIETNAM - Quang Nam Radio & TV / Danang Radio & TV**, Danang (50 kW) - 2145-1700 in Vietnamese

### **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Sydney (2BL)**, Sydney, New South Wales (50 kW) - 24h in English

## **711 kHz**

### **EUROPE**

**ITALY - Media Radio Castellana**, Castel San Pietro Terme, BO, Emilia-Romagna (0.5 kW) - Italian

**ROMANIA - Radio România Actualități**, Sighetu Marmației, Maramureș (50 kW) - 24h in Romanian

**SPAIN - COPE Murcia**, Murcia, Murcia (10 kW) - 24h in Spanish

### **AFRICA**

**TANZANIA - TBC Taifa**, Kigoma (100/10 kW) - 0200-2100

### **THE ARAB WORLD**

**EGYPT - NMA - Youth and Sports Radio**, Cairo (100 kW) - Arabic

**MOROCCO - Moroccan Radio - Radio Laâyoune**, Laâyoune, Laâyoune Province, Western Sahara (300 kW) - 24h in Arabic and Tamazight, including regional prgr from Laâyoune

### **WEST ASIA**

**IRAN - IRIB**, Radio Khozestan, Ahwaz, Khozestan (600 kW) - 24h in Persian & Arabic

### **SOUTH ASIA**

**INDIA - Akashvani**, Siliguri, West Bengal (200 kW) - 0025/1742 in Hindi, English etc

**PAKISTAN - Radio Pakistan**, Dera Ismail Khan, Khyber Pakhtunkhwa (100 kW) - 0043/1805 in Urdu, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**KOREA SOUTH - KBS-1 (HLKA)**, Sorae, Seoul Special City (500 kW) - 24h in Korean

**MYANMAR - MRTV Thaypyay Radio**, Naypyidaw, Naypyidaw Union Territory (200 kW) - 0030-1430 in Burmese

**TAIWAN - Voice of Kuanghua**, Hsinfeng (250 kW) - 0500-0900/1000 in Chinese (to Mainland China)

**VIETNAM - Voice of Vietnam, Network 1**, Thoi Kong, Can Tho Province (500 kW) - 2145-1700 in Vietnamese

## 720 kHz

### BRITISH ISLES

**ENGLAND - BBC Radio 4**, Crystal Palace, London (0.24 kW) - 24h in English: relay BBC WS at 0000-0420

**NORTHERN IRELAND - BBC Radio 4**, Lisnagarvey, Co. Antrim (10 kW) - 24h in English: relay BBC WS at 0000-0420

**NORTHERN IRELAND - BBC Radio 4**, Londonderry, Co. Londonderry (0.25 kW) - 24h in English: relay BBC WS at 0000-0420

### EUROPE

**ITALY - Radio Diffusione Europea - Baby Radio AM**, Trieste, TS, Friuli Venezia Giulia (0.2 kW) - Italian

**PORTUGAL - Antena 1**, Castelo Branco, Centro Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Mirandela, Norte Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Guarda, Centro Region (10 kW) - 24h in Portuguese

**PORTUGAL - Antena 1**, Elvas, Alentejo Region (10 kW) - 24h in Portuguese

**ROMANIA - Radio România Actualități**, Nufăru (14 kW) - 24h in Romanian

**ROMANIA - Radio România Actualități**, Sinaia (14 kW) - 24h in Romanian

**ROMANIA - Radio România Actualități**, Baia Mare (7 kW) - 24h in Romanian

### MACARONESIA

**CANARY ISLANDS - RNE Radio 5**, Santa Cruz, Tenerife (25 kW) - 24h in Spanish

### WEST ASIA

**IRAN - IRIB World Service**, Tayebad, Razavi Khorasan (400 kW) - 0025-0050 relay Radio Iran in Persian, 0050-

0220 Tajik, 0220-0250 Uzbek, 0250-1450 Dari, 1450-1550 Uzbek, 1550-1720 Tajik, 1820-1920 Voice of Khorasan in

Dari, 1920-2250 relay Radio Iran in Persian (schedule as per MWList)

### SOUTH ASIA

**INDIA - Akashvani**, Chennai, Tamil Nadu (200 kW) - 0015/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-16, Village Voice**, Beijing (200 kW) - 2100-1602 in Chinese

**KOREA NORTH - Korean Central Broadcasting Stn**, Kanggye, Chagang Province (500 kW) - 2000-1800 in Korean

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Perth (6WF)**, Perth, Western Australia (50 kW) - 24h in English

## 729 kHz

### EUROPE

**GREECE - ERA Proto**, Athínai (70 kW) - 24h in Greek

**SPAIN - RNE Radio Nacional**, Oviedo, Asturias (100 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Málaga, Andalucía (25 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Valladolid, Castilla y León (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Logroño, La Rioja (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Cuenca, Castilla-La Mancha (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Alicante, Comunidad Valenciana (10 kW) - 24h in Spanish

### AFRICA

**NIGERIA - Radio Kano AM**, Jogana, Kano State (25 kW) - 0430-2320 in Nigerian languages

**SOUTH AFRICA - Radio Pulpit / Radio Kansel**, Klipheuwel, Western Cape (25 kW) - 24h in English/Afrikaans

### SOUTH ASIA

**INDIA - Akashvani**, Guwahati, Assam (100 kW) - 0000/1700v in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Jiangxi R&TV**, Nanchang, Jiangxi (200 kW + LP) - 2100-1500 in Chinese

**JAPAN - NHK-1 (JOCK)**, Yatomi-shi, Aichi (50 kW) - 24h in Japanese

**KOREA NORTH - Pyongyang Broadcasting Station**, Sepo, Kangwon Province (50 kW) - 2100-2030 in Korean

**MYANMAR - Myanma Radio**, Yangon, Yangon Region (100 kW) - 2330-1330 in Burmese

**VIETNAM - Voice of Vietnam, Network 2**, Quang Binh Province (Dong Hoi, 200 kW) - 2145-1700 in Vietnamese

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Radio National (5RN)**, Adelaide, South Australia (50 kW) - 24h in English

## 738 kHz

### EUROPE

**SPAIN - RNE Radio Nacional**, Barcelona, Catalonia (100/150 kW) - 24h in Spanish

### AFRICA

**MOZAMBIQUE - Rádio Moçambique, Antena Nacional**, Maputo (50 kW) - 24h in Portuguese

### THE ARAB WORLD

**ALGERIA - Radio Illizi**, In Aménas, Illizi Province (5 kW) - 24h in Arabic

**OMAN - Radio Sultanate of Oman**, Salalah, Dhofar Region (100 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Bushehr**, Dayyer, Bushehr Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Hyderabad, Andhra Pradesh (200 kW) - 0020-1742 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Hunan R&TV, Satellite Service, News Channel**, Xiangtan, Hunan (200 kW + LP) - 2100-1700 in Chinese

**CHINA - Jilin R&TV, News and General Service**, Changchun, Jilin (150 kW + LP) - 24h in Chinese

**CHINA - Xinjiang R&TV, Chinese Service**, Hutubi, Xinjiang (120 kW + LP) - 2300-1800 in Chinese

**KOREA SOUTH - KBS-1 (HLKA)**, Gyeongsan, Daegu Metropolitan City (100 kW) - 24h in Korea

**TAIWAN - Taiwan Area Fisheries Broadcasting Station**, Baisha (100 kW) - 24h in Chinese and other languages

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC North Coast (2NR)**, Grafton, New South Wales (50 kW) - 24h in English

## 740 kHz

### ASIA (transmitters of 50 kW and over)

**VIETNAM - Binh Dinh Radio & TV Station**, Bind Dinh Province (An Nhon, 50 kW) - 2145-1700 in Vietnamese

## 747 kHz

### EUROPE

**NETHERLANDS - MCB Radio** Alphen aan den Rijn, Zuid-Holland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio 4 Brainport**, Eindhoven, Noord-Brabant (0.1 kW) - 24h in Dutch

**NETHERLANDS - Cupra Radio**, Emmer-Compascuum, Drenthe (0.1 kW) 24h in Dutch

**NETHERLANDS - Radio Emmeloord / Radio Seagull**, Pietersbierum, Friesland (0.1 kW) - Radio Emmeloord: 0600-1800 in Dutch; Radio Seagull: 1800-0600 in English

**SPAIN - RNE Radio 5**, Cádiz, Andalucía (5 kW) - 24h in Spanish

### MACARONESIA

**CANARY ISLANDS - RNE Radio 5**, Mesas de Galaz, Gran Canaria (25 kW) - 24h in Spanish

### AFRICA

**NIGERIA - Nagarta Radio, Voice of Unity**, Katabu, Kaduna State (60 kW) - 0430-2305 in Nigerian languages

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Jeddah FM**, Buraidah, Al-Qassim Province (10 kW) - 0300-2300 in Arabic

**SAUDI ARABIA - SBA, Radio Al-Azm**, Najran, Najran Province (10 kW) - 24h in Arabic

**SUDAN - Khartoum State Radio**, Khartoum, Khartoum State (10 kW) - current status unconfirmed

**SUDAN - Red Sea State Radio**, Port Sudan, Red Sea State (5 kW) - current status unconfirmed

### WEST ASIA

**IRAN - IRIB, Radio Yazd**, Yazd, Yazd Province (100 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Lucknow, Uttar Pradesh (300 kW) - 0025-1741 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**JAPAN - NHK-2 (JOIB)**, Sapporo, Hokkaido (500 kW) - 2100-1540v in Japanese, relay JOCB Nagoya 909 kHz, with NHK World News and foreign language lessons at various times

**KOREA SOUTH - KBS-1 (HLKH)**, Bia, Gwangju Metropolitan City (100 kW) - 24h in Korean

## 756 kHz

### BRITISH ISLES

ENGLAND - **BBC Radio 4**, Redruth, West Cornwall (2 kW) - 24h in English: relay BBC WS at 0000-0420

ENGLAND - **BBC Radio Cumbria**, Carlisle, Cumbria (1 kW) - 24h in English; includes BBC R5L overnight

### EUROPE

PORTUGAL - **Antena 1**, Lamego, Norte Region (2 kW) - 24h in Portuguese

ROMANIA - **Radio România Actualități**, Lugoj, Timiș County (400 kW) - 0600-2200 in Romanian

### AFRICA

MALAWI - **MBC Radio 1**, Blantyre, Southern Region (25 kW) - 24h in Chichewa/English

NIGERIA - **Radio Oyo**, Ibadan, Oyo State (100 kW) - reported to be off-air at present

### THE ARAB WORLD

ALGERIA - **Algerian Radio - Radio Coran**, Djanet, Djanet Province - 24h in Arabic

EGYPT - **NMA - South Upper Egypt Radio**, Qena, Qena Governorate (10 kW) - Arabic

### WEST ASIA

IRAN - **IRIB, Radio Jahanbin**, Shahr-e Kord, Chaharmahal and Bakhtiari (100 kW) - 24h in Persian

### SOUTH ASIA

INDIA - **Akashvani**, Jagdalpur, Chhattisgarh (100 kW) - 0025/1735 in Hindi, English etc

PAKISTAN - **Radio Pakistan**, Quetta-I, Pishin, Baluchistan (150 kW) - 0045-0805 and 1000-1810 in Urdu, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - **CNR-1**, Harbin, Heilongjiang (100 kW + LP) - 2025-1805 in Chinese

KOREA SOUTH - **Radio 756 AM**, Yeonchon-gun, Gyeonggi Province (100 kW) - 24h in Korean for listeners in N. Korea

## 765 kHz

### THE ARAB WORLD

SAUDI ARABIA - **SBA, Holy Quran Programme**, Al-Aflaj, Ar Riyadh Province (20 kW) - 24h in Arabic

SAUDI ARABIA - **SBA, Holy Quran Programme**, Qurayyat, Al Hudud ash Shamaliyah Province (20 kW) - 24h in Arabic

SAUDI ARABIA - **SBA, Holy Quran Programme**, Al-Hufuf, Eastern Province (10 kW) - 24h in Arabic

SUDAN - **Sudan Radio, General Programme**, Omdurman, Khartoum State (50 kW) - current status unconfirmed

### AFRICA

MOZAMBIQUE - **Rádio Moçambique, Emissão Provincial de Nampula**, Nampula (50 kW) - 0250-2215 in Portuguese

### WEST ASIA

IRAN - **IRIB World Service**, Chahbahar, Sistan and Baluchestan Province (1000 kW) - 0130-0220 in Urdu, 0220-1250 in Arabic, 1250-1320 in Pashto, 1320-1420 in Urdu, 1520-1620 in Urdu, 1620-0120 Arabic

### SOUTH ASIA

INDIA - **Akashvani**, Dharwad, Karnataka (200 kW) - 0025/1735 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - **CNR-5, Voice of the Taiwan Strait**, Fuzhou, Fujian (600 kW) - 2055-1705 in Chinese

## 774 kHz

### BRITISH ISLES

ENGLAND - **BBC Radio 4**, Plymouth, South Devon (1 kW) - 24h in English: relay BBC WS at 0000-0420

NORTHERN IRELAND - **BBC Radio 4**, Enniskillen, Co. Fermanagh (1 kW) - 24h in English: relay BBC WS at 0000-0420

### EUROPE

SPAIN - **RNE Radio Nacional**, València, Valenciana (100 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, Cáceres, Extremadura (60 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, San Sebastián, País Vasco (25 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, Ourense, Galicia (20 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, Soria, Castilla y León (10 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, León, Castilla y León (10 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, La Línea, Andalucía (10 kW) - 24h in Spanish

SPAIN - **RNE Radio Nacional**, Granada, Andalucía (10 kW) - 24h in Spanish

## **THE ARAB WORLD**

**EGYPT - NMA - Middle East Radio**, Abis (400 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Markazi**, Arak, Markazi (100 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Shimla, Himachal Pradesh (100 kW) - 0025/1740 in Hindi, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Hubei R&TV, News and General Sce, Voice of Hubei**, Wuhan, Hubei (200 kW + LP) - 2000-1730 in Chinese

**JAPAN - NHK-2 (JOUB)**, Akita, Tōhoku (500 kW) - 2100-1540v in Japanese, with NHK World News and foreign language lessons at various times

## **PACIFIC (transmitters of 50 kW and over)**

**AUSTRALIA - ABC Melbourne (3LO)**, Melbourne, Victoria (50 kW) - 24h in English

# 783 kHz

## **EUROPE**

**SPAIN - COPE Barcelona**, Barcelona (50 kW) - 24h in Spanish

## **THE ARAB WORLD**

**ALGERIA - Radio Illizi**, Djanet, Illizi Province (5 kW) - 24h in Arabic

**ALGERIA - Radio Oued Souf**, El Oued, El Oued Province (10 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Radio Neda al-Islam**, Ras al-Khair, Eastern Province (100 kW) - 24h in Arabic

**SUDAN - River Nile State Radio**, Atbara, River Nile State (5 kW) - current status unconfirmed

## **WEST ASIA**

**IRAN - IRIB, Radio Zahedan**, Iranshahr, Sistan and Baluchestan Province (150 kW) - 24h in Persian

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Voice of the Strait, Amoy Service**, Fotan, Fujian (600 kW) - 2225-1700 in Amoy for listeners in Taiwan

**CHINA - Hebei R&TV, Life Radio**, Baoding, Hebei (100 kW + LP) - 2100-1900 in Chinese

**VIETNAM - Voice of Vietnam, Network 2**, Can Tho Province (Thoi Long, 500 kW) - 2145-1700 in Vietnamese

# 792 kHz

## **EUROPE**

**CZECH REPUBLIC - Radio Dechovka**, Hradec Králové (10 kW) - 24h in Czech

**SPAIN - SER, Radio Sevilla**, Sevilla, Andalucía (50 kW) - 24h in Spanish

## **THE ARAB WORLD**

**IRAQ - Republic of Iraq Radio**, Baghdad (20 kW) - 24h in Arabic (still on air?)

**SAUDI ARABIA - SBA, Holy Quran Programme**, Jeddah, Makkah Province (50 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Zanjan**, Sohravard, Zanjan Province (50 kW) - 24h in Persian & Azeri

## **SOUTH ASIA**

**INDIA - Akashvani**, Pune, Maharashtra (100 kW) - 0000/1740 in Hindi, English etc

**NEPAL - Radio Nepal**, Kathmandu, Bagmati Zone, Central Development Region (100 kW) - 2315-1715 in Nepali, others

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Guangxi R&TV, Satellite Service**, Nanning, Guangxi Zhuang (200 kW + LP) - 24h in Chinese

# 801 kHz

## **EUROPE**

**GERMANY - Museumssender Cham**, Cham, Bavaria (0.001 kW) - occasional broadcasts in German

**GERMANY - Wertingen Museum**, Wertingen, Bavaria (0.001 kW) - occasional broadcasts in German

**NETHERLANDS - Radio Jong Europa**, Alphen aan den Rijn, Zuid-Holland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio 7000**, Beilen, Drenthe (0.1 kW) - 24h in Dutch

**SPAIN - RNE Radio Nacional**, Lugo, Galicia (25 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Ciudad Real, Castile-La Mancha (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Castellón, Valenciana (10 kW) - 24h in Spanish

SPAIN - RNE Radio Nacional, Burgos, Castilla y León (10 kW) - 24h in Spanish  
SPAIN - RNE Radio Nacional, Zamora, Castilla y León (10 kW) - 24h in Spanish  
SPAIN - RNE Radio Nacional, Girona, Catalonia (10 kW) - 24h in Spanish

#### **AFRICA**

ETHIOPIA - Amhara State Regional Radio, Bahir Dar, Amhara Region (100 kW) - 0255v ... 2100 in Ethiopian languages

#### **THE ARAB WORLD**

BAHRAIN - Radio Bahrain, General Programme, Abu Hayan (100 kW) - 24h in Arabic  
SUDAN - North Darfur State Radio, Al-Fashir, North Darfur (5 kW) - current status unconfirmed

#### **WEST ASIA**

IRAN - IRIB, Radio Khorasan-e Shomali, Bojnurd, North Khorasan (50 kW) - 24h in Persian  
IRAN - IRIB, Radio Zahedan, Zahedan, Sistan & Baluchestan (100 kW) - 24h in Persian and Baluchi

#### **SOUTH ASIA**

INDIA - Akashvani, Jabalpur, Madhya Pradesh (200 kW) - 0025/1742 in Hindi, English etc

#### **REST OF ASIA (transmitters of 50 kW and over)**

TAIWAN - Voice of Kuanghua, Kuanyin (250 kW) - 24h in Chinese (to Mainland China)

## 810 kHz

#### **BRITISH ISLES**

SCOTLAND - BBC Radio Scotland, Burghead, Morayshire (100 kW) - 24h in English; incl. BBC R5L overnight  
SCOTLAND - BBC Radio Scotland, Westerglen, Stirlingshire (100 kW) - 24h in English; incl. BBC R5L overnight

#### **EUROPE**

GERMANY - Funkerburg, Königs Wusterhausen, Brandenburg (0.0009 kW) - occasional broadcasts in German  
NORTH MACEDONIA - MR1, Radio Skopje, Sveti Nikole (100 kW) - 24h in Macedonian  
SPAIN - SER, Radio Madrid, Madrid (50 kW) - 24h in Spanish

#### **AFRICA**

MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Gaza, Xai-Xai, Gaza Province (50 kW) - 0250v-2205v in Portuguese

#### **THE ARAB WORLD**

SAUDI ARABIA - SBA, Holy Quran Radio, Hafar al-Batin, Eastern Province (20 kW) - 24h in Arabic  
SAUDI ARABIA - SBA, Jeddah FM, Abha, Asir Province (20 kW) - 24h in Arabic

#### **WEST ASIA**

IRAN - IRIB, Radio Lorestan, Khorramabad, Lorestan Province (100 kW) - 24h in Persian

#### **SOUTH ASIA**

INDIA - Akashvani, Rajkot, Gujarat (300 kW) - 0025/1750 in Hindi, English etc  
NEPAL - Radio Nepal, Dipayal, Far Western (10 kW) - 2315-1715 in Nepali, others

#### **REST OF ASIA (transmitters of 50 kW and over)**

CHINA - Zhejiang R&TV, Voice of Zhejiang, Hangzhou, Zhejiang (200 kW + LP) - 24h in Chinese  
CHINA - Xi'an R&TV, News Service, Xi'an, Shaanxi (50 kW) - 2055-1700 in Chinese  
JAPAN - AFN, Eagle 810, Wako, Saitama Prefecture, Tokyo area (50 kW) - 24h in English  
KOREA NORTH - Korean Central Broadcasting Station, Kaesong, North Hwanghae (50 kW) - 2000-1800 in Korean

## 819 kHz

#### **EUROPE**

ITALY - Is Good for You Radio, Trieste, TS, Friuli Venezia Giulia (0.1 kW) - Italian  
NETHERLANDS - LOMP Radio, Klazienaveen, Drenthe (0.1 kW) - 24h in Dutch  
NETHERLANDS - Impact Radio, Wassenaar, Zuid-Holland (0.1 kW) - 24h in Dutch

#### **AFRICA**

MAURITIUS - MBC Radio Mauritius 2, Malherbes (10 kW) - 24h in Indian languages

#### **THE ARAB WORLD**

EGYPT - NMA, General Programme, Batrah (300 kW) - 24h in Arabic  
SUDAN - Northern State Radio, Dongola, Northern State (5 kW) - current status unconfirmed

## WEST ASIA

IRAN - IRIB, Radio Mazandaran, Chalus, Mazandaran Province (60 kW) - 24h in Persian

IRAN - IRIB, Radio Mazandaran, Sari, Mazandaran Province (30 kW) - 24h in Persian

## SOUTH ASIA

BANGLADESH - Bangladesh Betar, Dhaka (100 kW) - 0000-0600 and 0800-1800 in Bengali and English

INDIA - Akashvani, Delhi (200 kW) - 0430-1000 and 1125-1840 Indraprastha Channel in Hindi

## REST OF ASIA (transmitters of 50 kW and over)

CHINA - Shanxi R&TV, Yuci, Shanxi (200 kW) - 2200-1600 in Chinese

KOREA NORTH - Korean Central Broadcasting Station, Pyongyang (500 kW) - 2000-1800 in Korean

VIETNAM - Voice of Vietnam, Network 2, Buon Ma Thuot, Dac Lac Province (200 kW) - 2200-1700 in Vietnamese

## 828 kHz

### BRITISH ISLES

ENGLAND- BBC Asian Network, Sedgley, West Midlands - (0.2 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

### EUROPE

NETHERLANDS - Radio Paradijs, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

NETHERLANDS - Radio Actief, Tilburg, Noord-Brabant (0.05 kW) - 24h in Dutch

### MACARONESIA

AZORES - RDP Açores, Monte das Cruzes-Flores (1 kW) - 24h in Portuguese; RDP Açores: 0800-1800, other times relay Antena 1 from Lisbon

### AFRICA

ETHIOPIA - Radio Ethiopia, National Programme, Arba Minch, SNNPR (100 kW) - 24h in Ethiopian languages

SOUTH AFRICA - Magic 828, Klipheuwel, Western Cape (25 kW) - 24h in English

### WEST ASIA

IRAN - IRIB, Radio Khorasan-e Jonubi, Tabas, South Khorasan Province (50 kW) - 24h in Persian

### SOUTH ASIA

INDIA - Akashvani, Panaji, Goa (20 kW)

INDIA - Akashvani, Silchar, Assam (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - Beijing Media Network, News Service, Beijing (50 kW) - 2130-1730 in Chinese

CHINA - Guangdong R&TV, Satellite Radio Guangdong, Heyuan, Guangdong (50 kW + LP) - 24h in Chinese

JAPAN - NHK-2 (JOB), Habikino (Osaka area), Osaka (300 kW) - 2100-1540v in Japanese

VIETNAM - Son La Radio & TV Station, Son La Province (Son La, 50 kW) - 2200-1400 in Vietnamese

## 837 kHz

### BRITISH ISLES

ENGLAND - BBC Radio Cumbria, Barrow in Furness, Cumbria (2 kW) - 24h in English; incl. BBC R5L overnight

ENGLAND - BBC Asian Network, Freeman's Common, Leicestershire (0.5 kW) - 24h with programmes for the Asian Community; incl. BBC R5L overnight

### EUROPE

SPAIN - COPE Andalucía, Sevilla, Andalucía (10 kW) - 24h in Spanish

SPAIN - COPE Castilla y León, Burgos, Castilla y León (10 kW) - 24h in Spanish

SPAIN - COPE Galicia, El Ferrol, Galicia (5 kW) - 24h in Spanish;

### MACARONESIA

CANARY ISLANDS - COPE Las Palmas, Tafira, Las Palmas, Gran Canaria (10 kW) - 24h in Spanish

### AFRICA

ETHIOPIA - Radio Oromiya, Robe, Oromia Region (100 kW) - 0250 ... 2000v (irreg 24h) in Oromo

### THE ARAB WORLD

ALGERIA - Radio Algérienne, Chaîne 3, Béchar, Béchar Province (5 kW) - 0500-0100 in French

### WEST ASIA

IRAN - IRIB, Radio Isfahan, Habibabad, Isfahan Province (300 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Vijayawada, Andhra Pradesh (100 kW) - 0025/1742 in Hindi, others

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-5, Taiwan 1, Voice of the Taiwan Strait**, Quanzhou, Fujian (1000 kW) - 2055-1705 in Chinese

**CHINA - Harbin R&TV, News and General Service**, Harbin, Heilongjiang (50 kW) - 24h in Chinese

**KOREA SOUTH - Christian Broadcasting System (HLKY)**, Seoul, National Capital Area (50 kW) - 24h in Korean

## **840 kHz**

### **AFRICA**

**ERITREA - Eritrean Radio, Voice of the Broad Masses of Eritrea, Programme 2**, Selea Daro, Asmara, Maekel Region (100 kW) - 0250v ... 1900v in Arabic, Afar, Amharic, Oromo, Saho, Bilen

## **846 kHz**

### **BRITISH ISLES**

**IRELAND - Radio North / Gospel 846**, Redcastle, County Donegal (1 kW) - 24h in English; unlicensed station

### **EUROPE**

**ITALY - Radio Luce**, Rome, RM, Lazio (1 kW) - Italian

**NETHERLANDS - Radio Nostalgie**, Kollumerzwaag, Friesland (0.1 kW) - 24h in Dutch (currently off-air?)

**NETHERLANDS - Album AM**, Linschoten, Utrecht (0.1 kW) - 24h in Dutch

**NETHERLANDS - Album AM**, Uden, Noord-Brabant (0.1 kW) - 24h in Dutch

**NETHERLANDS - Veluws Genot**, Oldebroek, Gelderland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Mebo 2**, Westerlee, Gronigen (0.1 kW) - 24h in Dutch

### **AFRICA**

**SOUTH AFRICA - Umhlobo Wenene FM**, Komga, Eastern Cape (50 kW) - 24h in Xhosa

### **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Holy Quran Programme**, Buraidah, Al-Qassim (10 kW) - 24h in Arabic

**UNITED ARAB EMIRATES - Umm al Quwain BS, Holy Quran Radio**, Umm al Quwain (20 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Tabriz**, Mianeh, East Azerbaijan Province (10 kW) - 24h in Persian & Azeri

### **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Rajshahi (100 kW) - 0000-0400 and 0600-1715 in Bengali and English

**INDIA - Akashvani**, Ahmedabad, Gujarat (200 kW) - 0020/1743 in Hindi, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Henan R&TV, Farm Service**, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

**PHILIPPINES - DZRV, Radio Veritas**, Malolos, Manila area, Bulacan Province (50 kW) - 24h in Tagalog/English

## **855 kHz**

### **BRITISH ISLES**

**ENGLAND - Sunshine Radio**, Villa Farm, Ludlow, Shropshire (0.15 kW) - 24h in English

### **EUROPE**

**ROMANIA - Radio România Actualități**, Tâncăbești, București (400 kW) - 24h in Romanian

**SPAIN - RNE Radio Nacional**, Murcia, Murcia (75/100 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Santander, Cantabria (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Pontevedra, Galicia (20 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Tarragona, Catalonia (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Huelva, Andalucía (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Salamanca, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Pamplona, Navarra (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Teruel, Aragon (10 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Ponferrada, Castilla y León (10 kW) - 24h in Spanish

### **AFRICA**

**ETHIOPIA - Radio Ethiopia, National Programme**, Harar, Harar Region (100 kW) - 24h in Ethiopian languages

### **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Holy Quran Programme**, Ras al-Khair, Eastern Province (100 kW) - 24h in Arabic

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA** - CNR-2, Anning, Yunnan (200 kW) and other synchronised transmitters of lesser power - 2100-1602 in Chinese  
**KOREA NORTH** - **Pyongyang Broadcasting Station**, Sangwon, Pyongan Region (500 kW) - 2100-2030 in Korean

## 864 kHz

### EUROPE

**SPAIN** - **RNE Radio Nacional**, Socuellamos, Castile-La Mancha (5 kW) - 24h in Spanish

### THE ARAB WORLD

**EGYPT** - **NMA, Holy Quran Prgr**, Santah (500 kW) - 24h in Arabic

### WEST ASIA

**ARMENIA** - **AR Radio Intercontinental (TWR relays)**, Gavar, Gegharkunik Province (1000 kW) - 1430-1530 RFE/RL  
Radio Svoboda in Russian, 1710-1725 in Turkmen, 1725-1740 in Kazakh, 1740-1755 in Karakalpak  
**IRAN** - **IRIB, Radio Kermanshah**, Qasr-e Shirin, Kermanshah Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA** - **Akashvani**, Shillong, Meghalaya (100 kW) - 0025/1630 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA** - **Anhui R&TV, Anhui Economic Radio**, Hefei, Anhui (50 kW + LP) - 24h in Chinese  
**KOREA SOUTH** - **KBS-1 (HLKR)**, Gangneung, Gangwon Province (100 kW) - 24h in Korean

## 873 kHz

### BRITISH ISLES

**ENGLAND** - **BBC Radio Norfolk**, West Lynn, Norfolk (0.3 kW) - 24h in English; incl. BBC R5L overnight

### EUROPE

**HUNGARY** - **MR4-Nemzetiségi Adások**, Pécs, Baranya (20 kW) - 0700-1900 - 0700-0900 Croatian, 0900-1100 German, 1100-1103 The Southern Bell (Angelus), 1103-1200mo-fr Romany, 1103-1200sa/su Nationalities Music, 1200-1230mo Slovenian, 1200-1230tu Russian, 1200-1230we Greek, 1200-1230th Bulgarian, 1200-1230fr Ukrainian, 1200-1230sa Armenian, 1200-1300su National Magazine, 1230-1300mo-fr Nationalities Music, 1230-1300sa Polish, 1300-1500 Serbian, 1500-1700 Romanian, 1700-1900 Slovak

**HUNGARY** - **MR4-Nemzetiségi Adások**, Lakihegy, Pest (20 kW) - 0700-1900 - same schedule as above

**MOLDOVA** - **Radio Moldova**, Chişinău (75 kW) - 0355-2000(2100mo) in Moldovan/others; some highlights of schedule include: 1815-1855mo Gagauz, 1815-1835tu/we Romani, 1815-1855th Ukrainian, 1815-1855fr Bulgarian, 1825-1855sa RFE/RL Romanian, 1835-1855tu/we Russian, 1900-1915mo-fr Russian, 1915-1945mo RFE/RL Russian, 2030-2100mo RFE/RL Romanian (schedule subject to confirmation)

**SPAIN** - **SER, Radio Zaragoza**, Zaragoza, Aragón (25 kW) - 24h in Spanish

**SPAIN** - **SER, Radio Galicia**, Santiago de Compostela, Galicia (10 kW) - 24h in Spanish

### AFRICA

**ETHIOPIA** - **Radio Ethiopia, National Programme**, Addis Ababa (100 kW) - 24h in Ethiopian languages

**MOZAMBIQUE** - **Rádio Moçambique, Emissão Provincial de Sofala**, Beira, Sofala Province (50 kW) - 0250v-2205v in Portuguese

### THE ARAB WORLD

**ALGERIA** - **Radio Ghardaïa**, Ghardaïa, Ghardaïa Province (10 kW) - 24h in Arabic

**SAUDI ARABIA** - **SBA, Holy Quran Programme**, Ar Rass, Al Qassim Province (10 kW) - 24h in Arabic

**SUDAN** - **Al Jazirah State Radio**, Wad Madani, Al Jazirah State (10 kW) - current status unconfirmed

**SUDAN** - **Northern State Radio**, Wadi Halfa, Northern State (5 kW) - current status unconfirmed

### WEST ASIA

**IRAN** - **IRIB, Radio Tabriz**, Kalibar, East Azerbaijan (10 kW) - 24h in Persian & Azeri

### SOUTH ASIA

**BANGLADESH** - **Bangladesh Betar**, Chittagong (100 kW) - 0000-0400, 0600-1715 in Bengali and English

**INDIA** - **Akashvani**, Jalandhar, Punjab (300 kW) - 2225/1740 in Hindi, English etc

**SRI LANKA** - **SLBC Colombo International Radio**, Puttalam (300 kW) - 0130-0330 in Tamil

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA** - **China Huayi Broadcasting Company**, Xiamen, Fujian (200 kW) - 2000-1400 in Chinese

**CHINA** - **Gansu R&TV, News and General Service**, Linxia, Gansu (50 kW + LP) in Chinese

**CHINA - Heilongjiang R&TV, Korean Service / Story Service**, Harbin, Heilongjiang (100 kW + LP) - 2100-0000 in Korean, 0000-1300 in Chinese, 1300-1500 in Korean, 1500-2100 in Chinese  
**CHINA - Wuhan R&TV, News Service**, Wuhan, Hubei (50 kW) - 2030-1700 in Chinese  
**JAPAN - NHK-2 (JOGB)**, Kumamoto, Kumamoto (500 kW) - 2100-1540v in Japanese  
**KOREA NORTH - Korean Central Broadcasting Station**, Sinuiju, North P'yongan (250 kW) - 24h in Korean  
**VIETNAM - Voice of Vietnam, Network 4**, Can Tho Province (Thoi Long, 500 kW) - 2300-1300 in minority languages: Cham, Khmer (Kho Me); also relay of VOV-1 and VOV-3 in Vietnamese

## 882 kHz

### BRITISH ISLES

**WALES - BBC Radio Wales**, Washford, Somerset (12 kW) - 24h in English; BBC R5L overnight (note that transmitter is actually in England and broadcasting across the Bristol Channel into South Wales, listed as Wales for convenience)

### EUROPE

**SPAIN - COPE Málaga**, Málaga, Andalucía (25 kW) - 24h in Spanish  
**SPAIN - COPE Alicante**, Alicante, Valencian (5 kW) - 24h in Spanish  
**SPAIN - COPE Radio Gijón**, Gijón, Asturias (5 kW) - 24h in Spanish

### MACARONESIA

**CANARY ISLANDS - COPE Tenerife**, La Laguna, Tenerife (25 kW) - 24h in Spanish - see above

### THE ARAB WORLD

**EGYPT - NMA, General Programme**, Mersa Matruh, Matruh Governorate (10 kW) - Arabic  
**SAUDI ARABIA - SBA, Holy Quran Programme**, Dammam, Eastern Province (100 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Mahabad**, Mahabad, Hamadan Province (60 kW) - 24h in Persian & Kurdish

### SOUTH ASIA

**INDIA - Akashvani**, Imphal, Manipur (300 kW) - 0025/1700 in Hindi, English etc  
**SRI LANKA - Radio 882, TWR India**, Puttalam (350 kW) - 1400-1600 in various South Indian languages & English

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Fujian R&TV, News and General Service**, Fuzhou, Fujian (200 kW + LP) - 2040-1700 in Chinese  
**KOREA NORTH - Korean Central Broadcasting Station**, Wonsan, Kangwon Province (250 kW) - 2000-1800 in Korean  
**PHILIPPINES - DWIZ, Aliw Broadcasting Corp**, Obando (Manila area), Bulacan Province (50 kW) - 24h in Tagalog;

## 891 kHz

### EUROPE

**NETHERLANDS - Hotradio Hits**, Huissen, Gelderland (0.1 kW) - 0300-2100 in Dutch

### AFRICA

**ETHIOPIA - Radio Ethiopia, National Programme**, Dese, Amhara Region (100 kW) - 24h in Ethiopian languages  
**LESOTHO - Lesotho National Broadcasting Service, Ultimate FM**, Lancer's Gap, Maseru (100 kW) - 24h in English

### THE ARAB WORLD

**ALGERIA - Radio Algérie Internationale**, Ouled Fayet, Algiers Province (300/100 kW) - 24h mostly in Arabic, with some French, English & Spanish segments  
**SUDAN - Sennar State Radio**, Sennar, Sennar State (5 kW) - current status unconfirmed

### WEST ASIA

**IRAN - IRIB, Radio Dena**, Yasuj, Kohgiluyeh and Boyerahmad Province (50 kW) - 24h in Persian & Luri  
**IRAN - IRIB, Radio Dena**, Dehdasht, Kohgiluyeh and Boyerahmad Province (50 kW) - 24h in Persian & Luri  
**TURKEY - TRT Radyo 1**, Antalya, Antalya Province (100 kW) - 0300-1015 in Turkish, regional prgrs from TRT Antalya

### SOUTH ASIA

**INDIA - Akashvani**, Rampur, Uttar Pradesh (2 0 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Ningxia R&TV, News and General Service**, Yinchuan, Ningxia Hui (200 kW + LP) - 2100-1700 in Chinese  
**KOREA SOUTH - KBS-1 (HLKB)**, Gimhae, Busan Metropolitan City (250 kW) - 24h in Korean  
**THAILAND - Radio Thailand**, Sara Buri, Bangkok (400 kW) - 2150-1702 in Thai

## PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Adelaide (5AN)**, Adelaide, South Australia (50 kW) - 24h in English

## 900 kHz

### EUROPE

**NETHERLANDS - Stem van Drenthe**, Hoogeveen, Drenthe (0.1 kW) - Saturdays in Dutch

**NETHERLANDS - Theonex AM**, Hoogeveen, Drenthe (0.1 kW) - Sundays in Dutch

**NETHERLANDS - Studio AM 900**, Terneuzen, Zelderland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Studio AM 900**, Wassenaar, Zuid-Holland (0.1 kW) - 24h in Dutch

**SPAIN - Radio Popular de Bilbao, Herri Irratia**, Bilbao, País Vasco (10 kW) - 24h in Spanish

**SPAIN - COPE Granada**, Granada, Andalusia (5 kW) - 24h in Spanish

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Radio Riyadh**, Qurayyat II, Al Jawf Province (1000 kW) - 1500-2300 in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Quran**, Tehran (Goldasteh), Tehran Province (600 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Kadapa, Andhra Pradesh (100 kW) - 0010/1742 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Dehong R&TV, Minority Service / China Radio International**, Luxi, Yunnan (50 kW) - 2250-0257, 0350-0757, 1050-1400 in local languages (CRI broadcasts in Burmese appear to have been discontinued)

**CHINA - Henan R&TV, Traffic Service**, Zhengzhou, Henan (100 kW + LP) - 2225-1600 in Chinese

**CHINA - Heilongjiang R&TV, News Service**, Bai'an, Heilongjiang (50 kW + LP) - 24h in Chinese

**CHINA - Shenzhen R&TV, News Sce**, Shiyan Zhen, Shenzhen, Guangdong (50 kW) - 24h in Chinese and Cantonese

## 909 kHz

### BRITISH ISLES

**ENGLAND - BBC Radio 5 Live**, Moorside Edge, West Yorkshire (200 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Brookmans Park, Hertfordshire (150 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Clevedon, Avon (50 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Redruth, Cornwall (2 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Exeter, Devon (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Fareham, Hampshire (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Whitehaven, Cumbria (1 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Bournemouth, Dorset (0.25 kW) - 24h in English

**ENGLAND - BBC Radio 5 Live**, Dartford Crossing, Essex/Kent (0.004 kW) - 24h in English

**SCOTLAND - BBC Radio 5 Live**, Westerglen, Stirlingshire (50 kW) - 24h in English

**NORTHERN IRELAND - BBC Radio 5 Live**, Lisnagarvey, County Down (10 kW) - 24h in English

**NORTHERN IRELAND - BBC Radio 5 Live**, Londonderry, County Londonderry (1 kW) - 24h in English

### EUROPE

**ROMANIA - Radio România Actualități**, Timișoara (50 kW) - 24h in Romanian

**ROMANIA - Radio Cluj**, Cluj (200 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

**ROMANIA - Radio Constanța, Prgr 2**, Constanta (25 kW) - 0300-2100 in Romanian; except for prgrs for minorities:

1515-1600su in Aromanian, 1605-1700mo-fr in Armenian, Greek, Russian, Tatar, and Turkish

**SPAIN - RNE Radio 5**, Palma de Mallorca, Balearic Islands (10 kW) - 24h in Spanish

### AFRICA

**BOTSWANA - Voice of America relay**, Selebe Phikwe, Central District (600 kW) - 0300-0400 in English, 0400-0430mo-fr in Shona, 0400-0500sa/su in English, 0430-0500mo-fr in Ndebele, 0500-0700 in English, 1600-1700 in English, 1700-1730 Studio 7 in Shona, 1730-1800 Studio 7 in Ndebele, 1800-2100 in English

### THE ARAB WORLD

**ALGERIA - Radio Algérienne Chaîne 1**, Tamanrasset, Tamanrasset Province (10 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Kerman**, Sirjan, Kerman Province (150 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Gorakhpur, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-6, Taiwan 2, Voice of Shenzhou, Quanzhou, Fujian (600 kW) - 2155-1605 in Amoy, Hakka and Mandarin  
CHINA - Tianjin R&TV, News Service, Tianjan, Tianjin Municipality (50 kW) - 2055-1800(-1600tu) in Chinese

## 917 kHz

### AFRICA

NIGERIA - Radio Gotel, Yola, Adamawa State (50 kW) - 0400-2305 in English/local languages; observed with abrupt sign-off at 2157 on 31 October 2022.

## 918 kHz

### EUROPE

NETHERLANDS - Citrus AM, Emst, Gelderland (0.1 kW) - 24h in Dutch  
NETHERLANDS - Radio T-Pot, Gasselternijveen, Drenthe (0.1 kW) - 24h in Dutch  
NETHERLANDS - Radio T-Pot, Grou, Friesland (0.1 kW) - 24h in Dutch  
NETHERLANDS - Citrus AM, Oldenzaal, Overijssel (0.1 kW) - 24h in Dutch  
NETHERLANDS - Radio Monique 918, Velsen-Noord, Noord-Holland (0.1 kW) - 24h in Dutch  
NETHERLANDS - Sitara FM, Houten, Utrecht (0.1 kW) - 24h in Dutch  
ITALY - AM Italia, Villa Estense, PD, Veneto (1 kW) - 0500-2200; also relays IRRS-Nexus at 1700-2115 in English

### AFRICA

NIGERIA - Radio Benue, Makurdi, Benue State (50 kW) - 0430-2305 in Nigerian languages

### THE ARAB WORLD

EGYPT - NMA, General Programme, Bawti (10 kW) - Arabic

### WEST ASIA

IRAN - IRIB, Radio Kerman, Jiroft, Kerman Province (50 kW) - 24h in Persian

### SOUTH ASIA

INDIA - Akashvani, Suratgarh, Rajasthan (300 kW) - 0025/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CAMBODIA - National Radio of Kampuchea, Kandal Stueng, Phnom Penh (600 kW) - 2200-1700 in Cambodian  
CHINA - Shandong R&TV, News Channel, Jinan, Shandong (200 kW + LP) - 1940-1650 in Chinese

## 927 kHz

### EUROPE

DENMARK - World Music Radio, Hvidovre, Copenhagen (0.3 kW) - 24h multilingual  
ITALY - Power 927, Abbiategrasso, MI, Lombardy (1 kW) - 24h in Italian

### THE ARAB WORLD

ALGERIA - Radio Adrar, Timimoun, Adrar Province (10 kW) - 24h in Arabic  
SAUDI ARABIA - SBA, Jeddah FM, Al-Hufuf, Eastern Province (20 kW) - 24h in Arabic

### WEST ASIA

IRAN - IRIB, Radio Lorestan, Dorud, Lorestan Province (50 kW) - 24h in Persian  
TURKEY - TRT Radyo 1, Izmir, Izmir Province (100 kW) - 0300-1015 in Turkish, regional prgrs from TRT Izmir Radyosu

### SOUTH ASIA

INDIA - Akashvani, Vishakapatnam, Andhra Pradesh (100 kW) - 0025/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - Guizhou R&TV, General Channel, Kaili, Guizhou (200 kW) - 2150-1705 in Chinese  
CHINA - CNR-6, Taiwan 2, Voice of Shenzhou, Xiamen, Fujian (100 kW) - 2155-1605 in Amoy/Hakka/Mandarin  
CHINA - Liaoning R&TV, Rural Service, Shenyang, Liaoning (50 kW) - 24h in Chinese; silent Tue 0500-0800  
KOREA NORTH - Korean Central Broadcasting Station, Sariwon, North Hwanghae (50 kW) - 2000-1800 in Korean

## 936 kHz

### BRITISH ISLES

ENGLAND - Dales Radio, Hawes, North Yorkshire (0.15 kW) - 24h in English (Community Radio)

## EUROPE

SPAIN - RNE Radio 5, Zaragoza, Aragon (20 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Valladolid, Castilla y León (10 kW) - 24h in Spanish

SPAIN - RNE Radio 5, Alicante, Valenciana (10 kW) - 24h in Spanish

## THE ARAB WORLD

EGYPT - NMA, Om Kalthoum Programme, Abu Zabal, Cairo (50 kW) - Arabic

MOROCCO - SNRT Network C, Agadir, Agadir Province (100 kW) - 24h in Berber/Arabic dialects

SAUDI ARABIA - SBA, Holy Quran Programme, Makkah, Makkah Province (50 kW) - 24h in Arabic

SAUDI ARABIA - SBA, Holy Quran Programme, Riyadh, Riyadh Province (50 kW) - 24h in Arabic

## WEST ASIA

IRAN - IRIB, Radio Chichest, Miandoab, West Azerbaijan Province (300 kW) - 24h in Persian

IRAN - IRIB, Radio Chichest, Urumiyeh, West Azerbaijan Province (50 kW) - 24h in Persian

## SOUTH ASIA

INDIA - Akashvani, Tiruchirapalli, Tamil Nadu (100 kW) - 0015/1735 in Hindi, others

PAKISTAN - Azad Kashmir Radio, Mirpur, Azad Jammu and Kashmir (100 kW) - 0045-0515, 1100-1810 in Urdu etc

## REST OF ASIA (transmitters of 50 kW and over)

CHINA - Anhui R&TV, News and General Service, Hefei, Anhui (200 kW + LP) - 2100-1700 in Chinese

## 945 kHz

### EUROPE

ROMANIA - Radio România Actualităţi, Miercurea Ciuc, Harghita County (14 kW) - 24h in Romanian

### AFRICA

ANGOLA - Radio N'Gola Yetu / RNA International Service, Mulenvos, Luanda (25 kW) - 24h: MWList says 0200-0500 Lingala, 0500-0800 French, 0800-1100 Portuguese, 1100-1400 English, 1400-1700 Lingala, 1700-2000 French, 2000-2300 Portuguese, 2300-0200 English

NIGERIA - Kebbi Radio, Birnin Kebbi, Kebbi State (10 kW) - 0500-2300 in Nigerian languages

SÃO TOMÉ E PRÍNCIPE - Rádio Nacional de São Tomé e Príncipe, Pinheira (20 kW) - 24h in Portuguese

### THE ARAB WORLD

SAUDI ARABIA - SBA, Radio Riyadh, Ha'il, Ha'il Province (50 kW) - 0300-2300 in Arabic

SUDAN - West Kordufan State Radio, Al-Fulah, West Kordufan State (5 kW) - current status unconfirmed

### WEST ASIA

IRAN - IRIB, Radio Kordestan, Dehgholan, Kordestan Province (100 kW) - 24h in Persian & Kurdish

### SOUTH ASIA

INDIA - Akashvani, Sambalpur, Odisha (100 kW) - 0025/1735 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Jiaohe, Jilin (400 kW) - 2025-1805 in Chinese

CHINA - Heilongjiang R&TV, Rural Service, Fujin, Heilongjiang (50 kW + LP) - 24h in Chinese

## 950 kHz

### AFRICA

ERITREA - Eritrean Radio, Voice of the Broad Masses of Eritrea, Programme 1, Selea Daro, Asmara, Maekel Region (100 kW) - 0250v ... 1830v in Tigrinya, Tigre, Kunama

## 954 kHz

### EUROPE

CZECH REP - Country Radio, České Budějovice, South Bohemia (5 kW) - 0300(0400s/s)-2300 in Czech

SPAIN - Onda Cero Radio, Madrid (50 kW) - 24h in Spanish

### AFRICA

ETHIOPIA - Radio Sidama, Irgalem, Sidama Zone, Southern Nations, Nationalities and Peoples Region (2.5 kW) - 0400-1800 in Amharic, Sidamo and English

### WEST ASIA

TURKEY - TRT Radyo 1, Trabzon, Trabzon Province (300 kW) - 0300-1015 in Turkish, regional prgrs from TRT Trabzon

## **SOUTH ASIA**

**INDIA - Akashvani**, Najibabad, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Hainan R&TV, News Service**, Haikou, Hainan (50 kW) - 24h in Chinese and Hainan dialect

**CHINA - Hulun Buir R&TV, Mongolian News and General Sce**, Hailar, Nei Menggu (50 kW) - 2140-1430 in Mongolian

**JAPAN - TBS Radio (JOKR)**, Toda (Tokyo area), Saitama (100 kW) - 24h in Japanese; sole TBS station

## **963 kHz**

### **BRITISH ISLES**

**ENGLAND - Sunrise Radio**, Hackney, London (0.95 kW) - 24h for the Asian community

**ENGLAND - Asian Sound Radio**, Haslingden, East Lancashire (0.2 kW) - 24h for the Asian community

### **EUROPE**

**CYPRUS - CyBC 1, RIK Proto (Radio 1)**, Nicosia (100 kW) - 24h in Greek

**POLAND - Twoje Radio Lipsko**, Lipsko (0.1 kW) - 24h in Polish, local prgrs and relay Twoje Radio AM

**PORTUGAL - Rádio Renascença**, Seixal, Lisboa Region (1 kW) - 24h in Portuguese

### **AFRICA**

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Tete**, Tete, Tete Province (50 kW) - 0250-2200 (24h Sat/Sun) in Portuguese

### **THE ARAB WORLD**

**KUWAIT - Radio of the State of Kuwait**, Kuwait City (20 kW) - 0500-0800 English, 0800-1000 Persian, 1000-1200 Filipino, 1200-1600 Main Arabic Prgr, 1600-1800 Urdu, 1800-2100, English, 2100-0500 Main Arabic Prgr

**SUDAN - Sudan Radio, General Programme**, Khartoum, Khartoum State (100 kW) - current status unconfirmed

**TUNISIA - Radio Tunis Chaîne Internationale**, Tunis, Tunis Governorate (100 kW) - 0000-1303 in French, 1303-1330 in English, 1330-1400 in Italian, 1400-1903 in French, 1903-1930 in Spanish, 1930-2000 in German, 2000-0000 in French

### **WEST ASIA**

**IRAN - IRIB, Radio Khorasan-e Jonubi**, Birjand, South Khorasan Province (150 kW) - 24h in Persian

### **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Sylhet (20 kW)

**INDIA - Akashvani**, Jalgaon, Maharashtra (20 kW) - 0025/1740 in Hindi, English etc

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Huadian, Jilin (600 kW) - 1100-1600 in Russian

**CHINA - Liaoning R&TV, News and General Service**, Dalian, Liaoning (50 kW + LP) - 24h in Chinese

## **972 kHz**

### **BRITISH ISLES**

**ENGLAND - Sunrise Radio**, Southall, London (1 kW) - 24h for the Asian community

### **EUROPE**

**SPAIN - RNE Radio Nacional**, Cabra, Andalucía (5 kW) - 24h in Spanish

**SPAIN - RNE Radio Nacional**, Monforte de Lemos, Galicia (2 kW) - 24h in Spanish

### **NORTH AFRICA**

**MELILLA - RNE-1, Radio Nacional**, Melilla (5 kW) - 24h in Spanish

### **AFRICA**

**BOTSWANA - Radio Botswana, National Service**, Sebele, South-East District (25 kW) - 24h in Setswana/English

**ETHIOPIA - Radio Ethiopia, National Programme**, Robe, Oromia Region (100 kW) - 24h in Ethiopian languages

**NIGERIA - Katsina State Radio**, Dutsinma, Katsina State (25 kW) - 0430-2300 in Nigerian languages

### **WEST ASIA**

**IRAN - IRIB, Radio Ilam**, Ilam, Ilam Province (100 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA - Akashvani**, Cuttack, Odisha (300 kW) - 0025-1735 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Henan R&TV, Economic Service**, Xingyang, Henan (100 kW + LP) - 2050-1700 in Chinese

**KOREA SOUTH - KBS Ethnic Korean Service (HLCA)**, Dangjin, South Chungcheong Province (1500 kW) - 0350-0000 in Korean for listeners in NE China, with Japanese at 1600-1700

**TAJIKISTAN - Teleradiokom (USAGM relays)**, Orzu, Khatlon Province (800 kW) - 1400-1430 RFE/RL Radio Azadi in Dari, 1430-0230 Radio Ashna in Pashto/Dari

## 981 kHz

### BRITISH ISLES

**IRELAND - Radio Star Country**, Emmyvale, County Monahan (1 kW) - 24h in English; unlicensed

### EUROPE

**CZECH REPUBLIC - Radio Cesky Impuls**, Líbeznice (10 kW) - 24h in Czech

**PORTUGAL - Rádio Renascença**, Coimbra, Centro Region (3 kW) - 24h in Portuguese

### THE ARAB WORLD

**ALGERIA - Radio Algérienne Chaîne 2**, Ouled Fayet, Algiers Province (300/100 kW) - 24h in Tamazight

**EGYPT - NMA, North Upper Egypt Radio**, Asyut, Asyut Governorate (10 kW) - Arabic

**EGYPT - NMA, General Programme**, Baris, New Valley Governorate (1 kW) - Arabic

**SAUDI ARABIA - SBA, Holy Quran Programme**, Medina, Al Madinah Province (20 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Hamadan**, Hamadan, Hamadan Province (100 kW) - 24h in Persian; MWList says Radio Nejat at 0230-0430 and 1230-1430

### SOUTH ASIA

**INDIA - Akashvani**, Raipur, Chhattisgarh (100 kW) - 0025/1742 in Hindi, English etc

**PAKISTAN - Radio Pakistan**, Turbat, Baluchistan (100 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, numerous synchronised transmitters of 200 kW and less - 2025-1805 in Chinese

**TAIWAN - Voice of Kuanghua**, Hsinfeng (250 kW) - 0800-0000 in Chinese (to Mainland China)

## 990 kHz

### BRITISH ISLES

**ENGLAND - Greatest Hits Radio**, Crimpsall, Doncaster, South Yorkshire (0.25 kW) - 24h in English

**WALES - BBC Radio 5 Live**, Tywyn, Gwynedd (1 kW) - 24h in English

### EUROPE

**SPAIN - SER, Radio Bilbao**, Bilbao, País Vasco (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Cádiz**, Cádiz, Andalucía (5 kW) - 24h in Spanish

### AFRICA

**NIGERIA - Radio Lagos**, Lagos, Lagos State (10 kW) - 0430-0005 in Nigerian languages

### SOUTH ASIA

**INDIA - Akashvani**, Jammu, Jammu & Kashmir (300 kW) - 0025/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Shanghai R&TV, News Channel**, Shanghai (100 kW daytime, 50 kW night) - 24h in Chinese

## 999 kHz

### EUROPE

**MALTA - Radio Malta**, Bizbizja (5 kW) - 24h in Maltese and limited English

**MOLDOVA (PMR) - Radio Rossii**, Maiac, Grigoriopol (500 kW) - 24h in Russian

**SPAIN - COPE Madrid**, Majadahonda (50 kW) - 24h in Spanish

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Holy Quran Programme**, Duba, Tabuk Province (20 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Kordestan**, Baneh, Kordestan Province (50 kW) - 24h in Persian & Kurdish

## **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Thakurgaon (10 kW)

**INDIA - Akashvani**, Almora, Uttarakhand (1 kW)

**INDIA - Akashvani**, Coimbatore, Tamil Nadu (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-1**, Heihe, Heilongjiang (100 kW) - 2125-1415 in Chinese

**CHINA - Liaoning R&TV, Economic Service**, Shenyang, Liaoning (50 kW) - 24h in Chinese

**KOREA NORTH - Korean Central BS**, Hamhung, South Hamyong (50 kW) - 2000-1800 in Korean; irregular

**TAJIKISTAN - Radio Afghanistan International**, Orzu (reported as 500 kW) - 1130-2200 in Pashto

## **1008 kHz**

### **EUROPE**

**GREECE - ERA 1**, Corfu (50 kW) - 24h in Greek; including local prgrs of ERT Kerkiras

**NETHERLANDS - Radio Transparant**, Creil, Flevoland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Twente Gold**, Hengelo, Overijssel (0.05 kW) - 24h in Dutch

**NETHERLANDS - Radio Babylona**, Lauwersoog, Groningen (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Babylona**, Musselkanaal, Groningen (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Experience**, Wageningen, Gelderland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Impact AM**, Wassenaar, Zuid-Holland (0.1 kW) - 24h in Dutch

**SPAIN - SER, Radio Extremadura**, Badajoz, Extremadura (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Alicante**, Alicante, Valenciana (5 kW) - 24h in Spanish

### **AFRICA**

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Maputo**, Maputo (50 kW) - 0250-2205 (24h Sat/Sun) in Portuguese

### **THE ARAB WORLD**

**EGYPT - NMA, North Upper Egypt Radio**, Faiyum, Faiyum Governorate (10 kW) - Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Semnan**, Semnan, Semnan Province (100 kW) - 24h in Persian

### **SOUTH ASIA**

**PAKISTAN - Radio Pakistan**, Hyderabad, Sindh (120 kW) - 0045-0405, 0600-1810 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-1**, multiple locations but most powerful at Anning, Yunnan (200 kW) - 2025-1805 in Chinese

**JAPAN - ABC, Asahi Hoso (JONB)**, Takaishi, Osaka (50 kW) - 24h in Japanese; ABC key station

## **1017 kHz**

### **EUROPE**

**ITALY - Amica Radio Veneta**, Vigonza, PD, Veneto (1 kW) - 0500-1900 in Italian

**SPAIN - RNE Radio 5**, Burgos, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Granada, Andalucía (10 kW) - 24h in Spanish

### **WEST ASIA**

**IRAN - IRIB, Radio Iran**, Bandar Abbas, Hormozgan Province (50 kW) - 24h in Persian

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-8 / China Radio International**, Changchun, Jilin (100 kW) - 1000-1100 CNR-8 in Korean, 1100-1500 and 2100-2300 CRI in Korean

**CHINA - Guangdong R&TV, Satellite Radio Guangdong**, Shaoguan, Guangdong (50 kW + LP) - 24h in Chinese

**JAPAN - NHK-2 (JOLB)**, Fukuoka, Fukuoka (50 kW) - 2030-1540v in Japanese

## **1026 kHz**

### **BRITISH ISLES**

**NORTHERN IRELAND - Downtown Radio**, Belfast (Knock-Breckan 1.7 kW) - 24h in English

**CHANNEL ISLANDS - BBC Radio Jersey**, Trinity (1 kW) - 24h in English; inc. BBC R5L overnight

## **EUROPE**

**SPAIN - SER, Radio Salamanca**, Salamanca, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Reus**, Reus, Galicia (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Jaén**, Jaén, Andalucía (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Jerez**, Jerez de la Frontera, Andalucía (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Vigo**, Vigo, Galicia (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Asturias**, Oviedo, Asturias (5 kW) - 24h in Spanish

## **AFRICA**

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Manica**, Chimoio, Manica Province (50 kW) - 0250-2200 (24h Sat/Sun) in Portuguese

**NIGERIA - Radio Jigawa**, Dutse, Jigawa State (25 kW) - 0500-2205 in Nigerian languages

## **THE ARAB WORLD**

**ALGERIA - Radio Ourgla**, Hassi Messaoud, Ouargla Province (10 kW) - 24h in Arabic

**SUDAN - Blue Nile State Radio**, Ad-Damazin, Blue Nile State (5 kW) - current status unconfirmed

## **WEST ASIA**

**IRAN - IRIB, Radio Tabriz**, Azarshahr, East Azerbaijan Province (100 kW) - 24h in Persian & Azeri

## **SOUTH ASIA**

**INDIA - Akashvani**, Prayagraj, Uttar Pradesh (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Beijing R&TV, Public Service**, Beijing (50 kW) - 2100-1600 in Chinese

**CHINA - Guizhou R&TV, Satellite Service, General Channel**, Xiuwen, Guizhou (200 kW + LP) - 2150-1705 in Chinese

# 1035 kHz

## **BRITISH ISLES**

**ENGLAND - Lyca Gold**, Crystal Palace, London (2.5 kW) - 24h for the Asian community

**SCOTLAND - West Sound**, Symington, Ayr (0.32 kW) - 24h in English

## **EUROPE**

**ESTONIA - Radio Eli**, Tartu (200 kW) - 24h schedule and includes at 1800-1900 RFE/RL Radio Liberty in Russian and 1900-2020(2030sa/su) TWR in Russian/Ukrainian/Belarusian (see entry for Estonia in "Europe on Mediumwave" for further details of programming on Radio Eli)

**NETHERLANDS - Neverland AM**, Venlo, Limburg (0.1 kW) - 24h in Dutch

## **AFRICA**

**ETHIOPIA - Radio Oromiya**, Adama, Oromia Region (10 kW) - 0250 ... 2000v (irreg 24h) in Oromo

## **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Jeddah FM**, Yanbu al-Bahr, Al Madinah Province (20 kW) - 24h in Arabic

## **SOUTH ASIA**

**INDIA - Akashvani**, Guwhato, Assam (20 kW)

**PAKISTAN - Radio Pakistan**, Multan, Punjab (120 kW) - 0045-0405, 0600-1810 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-1**, many synchronised transmitters around China of 50 kW or less - 2025-1805 in Chinese

# 1044 kHz

## **EUROPE**

**SPAIN - SER, Radio San Sebastián**, San Sebastián, País Vasco (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Valladolid**, Valladolid, Castilla y León (5 kW) - 24h in Spanish

## **AFRICA**

**ETHIOPIA - Radio Ethiopia, National Programme**, Mekelle, Tigray Region (100 kW) - 0245-2100 in Aharic, Tigrigna etc

## **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Jeddah FM**, Afif, Najd Province (20 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Ilam**, Dehloran, Ilam Province (50 kW) - 24h in Persian

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - China Radio International**, Changzhou, Jiangsu (1000 kW) - 1100-1600 in Japanese

## 1053 kHz

### BRITISH ISLES

**ENGLAND - TalkSport**, Droitwich, Worcestershire (500 kW) - 24h in English

**ENGLAND - TalkSport**, Postwick, Norfolk (18 kW) - 24h in English

**ENGLAND - TalkSport**, Rusthall, Kent (4 kW) - 24h in English

**ENGLAND - TalkSport**, Southwick, West Sussex (2.2 kW) - 24h in English

**ENGLAND - TalkSport**, Stockton-on-Tees, North Yorkshire (1 kW) - 24h in English

### EUROPE

**ROMANIA - Radio Iasi**, Iasi (400 kW) - 0300-1900 in Romanian; includes ethnic programmes Mon-Fri 1730-1800 as follows: Mon: Roma; Tue: Jewish; Wed: Lipovian Russians; Thu: Ukrainian; Fri: Intercultural dialogue

**RUSSIA - Radio Maria**, Olgino, St Petersburg (10 kW) - 0500-2100 in Russian

**SPAIN - COPE Zaragoza**, Zaragoza, Aragón (25 kW) - 24h in Spanish

**SPAIN - COPE Castellón**, Vila-Real, Valenciana (5 kW) - 24h in Spanish

### AFRICA

**ETHIOPIA - Radio Oromiya**, Nekemte, Oromia Region (10 kW) - 0250 ... 2000v (irreg 24h) in Oromo

### WEST ASIA

**IRAN - IRIB, Radio Iran**, Khorramabad, Lorestan Province (100 kW) - 24h in Persian

**IRAN - IRIB, Radio Zahedan**, Seravan, Sistan and Baluchestan Province (25 kW) - 24h in Persian & Baluchi

### SOUTH ASIA

**BANGLADESH - Bangladesh Betar**, Rangpur (10 kW)

**INDIA - Akashvani**, Leh, Jammu & Kashmir (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Hubei R&TV, Economic Service**, Qianjiang, Hubei (50 kW) - 1940-1800 in Chinese

**CHINA - Liaoning R&TV, Literary Service**, Shenyang, Liaoning (50 kW) - 24h in Chinese; silent Tue 0540-0900

**CHINA - Wenshan R&TV, Minorities Service**, Wenshan, Yunnan (50 kW) - 2225-0030, 0355-0530, 0955-1400 in Chinese, Miao, Yao, Zhuang

**JAPAN - CBC, Chubu-Nippon Hoso (JOAR)**, Kuwana-shi, Mie (50 kW) - 24h in Japanese; CBC key station

## 1062 kHz

### EUROPE

**CZECH REP - Country Radio**, Prague-Zbraslav (20 kW: 0500-1700; 1 kW 1700-0500) - 24h in Czech

### WEST ASIA

**IRAN - IRIB, Radio Kerman**, Kerman, Kerman Province (50 kW) - 24h in Persian

**TURKEY - TRT Radyo 1**, Diyarbakir, Diyarbakir Province (300 kW) - 0300-1900 in Turkish, including regional prgrs

### SOUTH ASIA

**INDIA - Akashvani**, Pasighat, Arunachal Pradesh (10 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Guangdong R&TV, Zhujiang Economic BS**, Guangzhou, Guangdong (100 kW) - 24h in Cantonese

**KOREA - KBS-1 (HLKQ)**, Cheongju, North Chungcheong (50 kW) - 24h in Korean

## 1071 kHz

### BRITISH ISLES

**ENGLAND - TalkSport**, Clipstone, Nottinghamshire (1 kW) - 24h in English

**ENGLAND - TalkSport**, Wrekenton, Tyne and Wear (1 kW) - 24h in English

### EUROPE

**ITALY - Media Veneta Radio**, Piove di Sacco, PD, Veneto (1.5 kW) - Italian

### THE ARAB WORLD

**ALGERIA - Radio Algérienne Chaîne 1**, Illizi, Illizi Province (5 kW) - 24h in Arabic

**EGYPT - NMA, Adults Radio/Nile River Radio**, Abu Za'bal, Cairo (100 kW) - Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Beesha, 'Asir Province (50 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Ma'aref**, Alborz, Qom Province (100 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani, External Service**, Rajkot, Gujarat (1000 kW) - 2330-0100 in Punjabi, 0100-0130 in Sindhi, 0400-0745 in Urdu, 0930-1130 in Urdu, 1130-1200 in Saraiki, 1200-1230 in Punjabi, 1545-1930 in Urdu (now in AM mode, had previously been in Pure DRM)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Tianjin R&TV, Economic Service**, Tianjin, Tianjin Municipality (50 kW) - 2055-1800(-1600tu) in Chinese  
**VIETNAM - Voice of Vietnam**, Phuoc Dinh, Ninh Thuan Province (400 kW) - 2145-1700 in Vietnamese and others

# 1080 kHz

## **EUROPE**

**SPAIN - SER, Radio Huesca**, Huesca, Aragón (10 kW) - 24h in Spanish  
**SPAIN - SER, Radio Granada**, Granada, Andalucía (5 kW) - 24h in Spanish  
**SPAIN - SER, Radio Coruña**, La Coruña, Galicia (3 kW) - 24h in Spanish  
**SPAIN - Onda Cero Radio**, Toledo, Castile-La Mancha (5 kW) - 24h in Spanish

## **AFRICA**

**ETHIOPIA - Radio Fana**, Addis Ababa (3 kW) - 0255-2100 in Amharic, Afar, Oromo, Somali, Tigrigya

## **THE ARAB WORLD**

**EGYPT - NMA, General Programme**, Luxor (10 kW) - Arabic  
**EGYPT - NMA, General Programme**, El Minya (100 kW) - Arabic  
**SAUDI ARABIA - SBA, Radio Riyadh**, Najran, Najran Province (20 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB World Service**, Bandar-e Mahshahr, Khozestan Province (750 kW) - Arabic

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Xuanwei, Yunnan (200 kW) - 1130-1230 in Thai, 1330-1430 in Thai, 1430-1530 in Lao, 1600-1800 in English

# 1089 kHz

## **BRITISH ISLES**

**ENGLAND - TalkSport**, Brookmans Park, Hertfordshire (400 kW) - 24h in English  
**ENGLAND - TalkSport**, Moorside Edge, West Yorkshire (400 kW) - 24h in English  
**ENGLAND - TalkSport**, Washford, Somerset (80 kW) - 24h in English  
**ENGLAND - TalkSport**, Dartford Crossing, Essex/Kent (0.004 kW) - 24h in English  
**SCOTLAND - TalkSport**, Westerglen, Stirlingshire (125 kW) - 24h in English  
**NORTHERN IRELAND - TalkSport**, Lisnagarvey, County Antrim (12.5 kW) - 24h in English

## **EUROPE**

**RUSSIA - Kuban Radio Transmitting Centre**, Tbilisskaya, Krasnodar Krai (1200 kW) - Occasional test transmissions

## **THE ARAB WORLD**

**ALGERIA - Radio Adrar**, Adrar, Adrar Province (10 kW) - 24h in Arabic  
**SAUDI ARABIA - SBA, Jeddah FM**, Qurayyat, Al Jawaf Province (100 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Semnan**, Shahrud, Semnan Province (50 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Naushera, Jammu & Kashmir (20 kW)  
**INDIA - Akashvani**, Udipi, Karnataka (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-6, Taiwan 2, Voice of Shenzhou**, Fuzhou, Fujian (600 kW) - 2155-1605 in Amoy, Hakka and Mandarin  
**CHINA - Liaoning R&TV, News and General Service**, Shenyang, Liaoning (200 kW + LP) - 24h in Chinese

## 1098 kHz

### EUROPE

**ITALY - Media Radio Castellana**, Castel San Pietro Terme, BO, Emilia-Romagna (0.5 kW) - Italian  
**NETHERLANDS - Golden Oldies Radio**, Hoogvliet, Zuid-Holland (0.1 kW) - 24h in Dutch  
**NETHERLANDS - Seabreeze AM**, Laren, Noord-Holland (0.1 kW) - 24h in Dutch  
**NETHERLANDS - Master FM**, Nuland, Noord-Brabant (0.1 kW) - 24h in Dutch  
**NETHERLANDS - Milano Team**, Punthorst, Overijssel (0.1 kW) - 24h in Dutch  
**SPAIN - RNE Radio 5**, Almería, Andalucía (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Ávila, Castilla y León (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Lugo, Galicia (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Huelva, Andalucía (5 kW) - 24h in Spanish

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Jeddah FM**, Dammam, Eastern Province (100 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB World Service**, Zabol, Sistan and Baluchestan Province (100 kW) - 0130-0230 in Urdu, 0300-0630 in Dari, 0720-0820 in Pashto, 0820-1520 in Dari, 1520-1720 in Tajik

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-11, CNR Tibetan Sce**, Golmud, Qinghai (1000 kW) - 2155-1605 in Tibetan; 1605-1700 CNR-1 in Chinese

## 1107 kHz

### BRITISH ISLES

**ENGLAND - TalkSport**, Lydd, Kent (2 kW) - 24h in English  
**ENGLAND - TalkSport**, Boston, Lincolnshire (1 kW) - 24h in English  
**ENGLAND - TalkSport**, Duxhurst, Surrey (1 kW) - 24h in English  
**ENGLAND - TalkSport**, Fareham, Hampshire (1 kW) - 24h in English  
**ENGLAND - TalkSport**, Wallasey, Wirral (0.5 kW) - 24h in English  
**SCOTLAND - Greatest Hits Radio**, Inverness (Tarbat Ness, 1.5 kW) - 24h in English

### EUROPE

**SPAIN - RNE Radio 5**, Logroño, La Rioja (25 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Santander, Cantabria (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Teruel, Aragón (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Ponferrada, Castile y León (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Cáceres, Extremadura (5 kW) - 24h in Spanish

### AFRICA

**NIGERIA - Supreme FM**, Jaji, Kaduna State (25 kW) - 0400-2305 in Nigerian languages

### WEST ASIA

**IRAN - IRIB, Radio Khorasan-e Razavi**, Sabzevar, Khozestan Province (50 kW) - 24h in Persian

### SOUTH ASIA

**AFGHANISTAN - Radio Afghanistan**, Pol-e-Charkhi, Kabul (400 kW) - 0100-1930 in Afghan languages  
**INDIA - Akashvani**, Kalaburagi, Karnataka (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Xinjiang R&TV**, Hutubi, Xinjiang (100 kW) - 0000-1800 in Kazakh

## 1116 kHz

### BRITISH ISLES

**ENGLAND - BBC Radio Derby**, Burnaston Lane, Derby (1 kW) - 24h in English; incl. BBC R5L overnight  
**CHANNEL ISLANDS - BBC Radio Guernsey**, Rohais (0.5 kW) - 24h in English; incl. BBC R5L overnight

### EUROPE

**HUNGARY - Dankó Rádió**, Miskolc, Northern Hungary (15 kW) - 0225-1905 in Hungarian  
**HUNGARY - Dankó Rádió**, Mosonmagyaróvár, Western Transdanubia (5 kW) - 0225-1905 in Hungarian  
**NETHERLANDS - Backyard AM**, Zaandijk, Noord-Holland (0.05 kW) - 24h in Dutch  
**SPAIN - SER, Radio Pontevedra**, Pontevedra, Galicia (10 kW) - 24h in Spanish  
**SPAIN - SER, Radio Albacete**, Albacete, Castile-La Mancha (5 kW) - 24h in Spanish

## AFRICA

**DJIBOUTI - RTD Radio Inter**, Dorale (50 kW) - 0300-1930 in Afar (and French?); reactivated in July 2022

## THE ARAB WORLD

**SAUDI ARABIA - SBA, Jeddah FM**, Madinah, Al Madinah Province (20 kW) - 24h in Arabic

## SOUTH ASIA

**INDIA - Akashvani**, Srinagar, Jammu & Kashmir (300 kW) - 0020/1740 in Hindi, English etc

## REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-2**, Harbin, Heilongjiang (120 kW) - 2100-1602 in Chinese

**CHINA - CNR-5, Voice of the Taiwan Strait**, Shaowu, Fujian (600 kW) - 2055-2200 and 0955-1705 in Chinese

**CHINA - Sichuan R&TV, News Service**, Chengdu, Sichuan (200 kW) and others of lesser power - 2155-1605 in Chinese

# 1125 kHz

## EUROPE

**SPAIN - RNE Radio 5**, Badajoz, Extremadura (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Castellón, Valenciana (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Soria, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Toledo, Castilla La Mancha (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Vitoria, País Vasco (10 kW) - 24h in Spanish

## SOUTH ASIA

**INDIA - Akashvani**, Tezpur, Assam (20 kW)

**INDIA - Akashvani**, Udaipur, Rajasthan (20 kW)

**PAKISTAN - Radio Pakistan**, Quetta, Baluchistan (100 kW)

## REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Hebei R&TV, Economic Service**, Shijiazhuang, Hebei (50 kW + LP) - 2130-1800 in Chinese

**CHINA - Wuhan R&TV, Changjiang Economic Broadcasting Station**, Wuhan, Hubei (50 kW) - 2055-1800 in Chinese

# 1134 kHz

## BRITISH ISLES

**ENGLAND - BFBS Gurkha Radio**, Gamecock Barracks, Bramcote, Nuneaton (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Royal Military Academy, Sandhurst, Berks (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Catterick Garrison, North Yorkshire (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Abingdon, Oxfordshire (0.001 kW) - 24h in Nepali/English

**ENGLAND - L & D Hospital Radio**, Luton & Dunstable Hospital, Luton, Bedfordshire (0.001 kW) - 24h in English (LPAM)

## EUROPE

**NETHERLANDS - Eye AM Radio**, Alkmaar (0.1 kW) - 24h in Dutch

**NETHERLANDS - Japie de Portier**, Buitenpost (0.1 kW) - 24h in Dutch

**NETHERLANDS - 1134 AM**, Oijen (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio 1134**, Rotterdam (0.1 kW) - 24h in Dutch

**NETHERLANDS - Groove Radio**, Wierden (0.1 kW) - 24h in Dutch

**NETHERLANDS - Ascona**, Valthermond, Dreenthe (0.05 kW) - 24h in Dutch

**SPAIN - COPE Salamanca**, Salamanca, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - COPE Jerez**, Jerez de la Frontera, Andalucía (5 kW) - 24h in Spanish

## AFRICA

**ANGOLA - Rádio Nacional de Angola, Canal A**, Luanda-Mulenvos (10 kW) - 24h in Portuguese (reported on 1133.5 kHz)

## THE ARAB WORLD

**KUWAIT - Radio Kuwait - Main Arabic Programme**, Kabd (100 kW) - 24h in Arabic; // 540 but may opt-out for sports

## SOUTH ASIA

**PAKISTAN - Radio Pakistan**, Quetta, Baluchistan (100 kW) - 0200-1800 in Urdu, English etc

## REST OF ASIA (transmitters of 50 kW and over)

**JAPAN - Bunka Hosa, Nippon Cultural Broadcasting (JOQR)**, Kawaguchi, Saitama (100 kW) - 24h in Japanese

**KOREA SOUTH - KBS-3 (HLKC)**, Hwaseong, Gyeonggi Province (500 kW) - 2100-1800 in Korean

## 1143 kHz

### EUROPE

**RUSSIA - Radio Rossii** - Bolshakovo, Kaliningrad (150 kW) - Russian; irregular tests on weekdays

**SPAIN - COPE Jaén**, Jaén, Andalucía (5 kW) - 24h in Spanish

**SPAIN - COPE Orense**, Ourense, Galicia (5 kW) - 24h in Spanish

### SOUTH ASIA

**INDIA - Akashvani**, Ratnagiri, Maharashtra (20 kW) - 0025/1741 in Hindi, English etc

**INDIA - Akashvani**, Rohtak, Haryana (20 kW) - 0023/1740 in Hindi, English etc

**NEPAL - Radio Nepal**, Bardibas, Central (10 kW) - 2315-1715 in Nepali, others

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Henan R&TV, Chinese Opera Service**, Zhengzhou, Henan (100 kW + LP) - 24h in Chinese

**KOREA SOUTH - Radio Free Korea**, Goyang, Gyeonggi (100 kW) - 0250-0100 in Korean

**TAIWAN - Taiwan Area Fisheries Broadcasting Station**, Penghu (100 kW) - 24h in Chinese and other languages

**TAJIKISTAN - Voice of Tajik (External Service)**, Yanyiyul, Dushanbe (150 kW) - 0200-1800 in various regional langs

## 1152 kHz

### BRITISH ISLES

**ENGLAND - LBC London News**, Saffron Green, London (23.5 kW) - 24h in English

**ENGLAND - Greatest Hits Radio**, Greenside, Newcastle-upon-Tyne (1.8 kW) - 24h in English

**SCOTLAND - Greatest Hits Radio**, Dechmont Hill, Glasgow (3.6 kW) - 24h in English

### EUROPE

**ROMANIA - Radio România Actualități**, Cluj, (400 kW kW) - 0200-2100 in Romanian

**SPAIN - RNE Radio 5**, Albacete, Casila-La Mancha (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Cartagena, Murcia (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Lleida, Cataluña (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Málaga, Andalucía (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Zamora, Castilla y León (10 kW) - 24h in Spanish

### SOUTH ASIA

**INDIA - Akashvani**, Kavaratti, Lakshadweep (10 kW)

**PAKISTAN - Radio Pakistan**, Rawalpindi, Punjab (100 kW) - 0200-0400 & 1300-1800 in Urdu, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Hunan R&TV, Satellite Service, News Channel**, Changde, Hunan (50 kW + LP) - 2130-1700 in Chinese

## 1161 kHz

### BRITISH ISLES

**SCOTLAND - Greatest Hits Radio**, Greenside Scalp, Dundee (1.4 kW) - 24h in English

### THE ARAB WORLD

**ALGERIA - Radio Tamanrasset**, Tamanrasset, Tamanrasset Province (10 kW) - 24h in Arabic

**EGYPT - NMA, Mid-Delta Radio**, Tanta, Gharbia Governorate (100 kW) - Arabic

### WEST ASIA

**IRAN - IRIB World Service**, Qasr-e Shirin, Kermanshah Province (600 kW) - Arabic

### SOUTH ASIA

**INDIA - Akashvani**, Thiru'puram-A, Kerala (20 kW)

## 1170 kHz

### BRITISH ISLES

**ENGLAND - Smooth Radio**, Farlington Marshes, Portsmouth, Hampshire (0.12 kW) - 24h in English

**ENGLAND - Caroline Flashback** - irregular in English (unlicensed) - reported here as recently as June 2023

### EUROPE

**SLOVENIA - Radio Capodistria**, Beli Kriz (15 kW) - 24h in Italian

## **AFRICA**

**ESWATINI - TWR Africa**, Mpangela Ranch (100 kW) - 0300-0330mo-fr in Shona, 1800-2015 in English, 2015-2115mo-fr in Zulu, 2115-2200mo-fr in Shona

## **THE ARAB WORLD**

**UAE - Voice of the Republic**, Dhabbaya, Abu Dhabi (800 kW) - 1340v-0500 in Arabic for listeners in Yemen

## **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Kallyanpir, Dhaka (20 kW)

**PAKISTAN - Radio Pakistan**, Peshawar, Khyber-Pak'hwa (100 kW) - 0100-0400, 1300-1900 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - CNR-1**, transmitters throughout China with highest power at Ji'an, Jiangxi (600 kW) 2025-1805 in Chinese

**CHINA - Chifeng R&TV, Mongolian Service**, Chifeng, Nei Menggu (50 kW + LP) - 2000-1730 in Mongolian

**CHINA - Hulun Buir R&TV, Chinese News Service**, Hailar, Nei Menggu (50 kW) - 2130-1600 in Chinese

**CHINA - Tongliao R&TV, Mongolian Prgr, Voice of Horqin**, Tongliao, Nei Menggu (50 kW) - 2110-1730 in Mongolian

**KOREA SOUTH - KBS Ethnic Korean Service, 2nd Programme (HLSR)**, Gimje, North Jeolla (500 kW) - 24h with relay of KBS World Radio, including External Service prgrs at 1000-1100 in Korean, 1100-1200 in Japanese, 1200-1300 in Russian, and 1300-1400 in Chinese

# 1179 kHz

## **EUROPE**

**NETHERLANDS - Radio 220**, Buitenpost, Friesland (0.1 kW) - 24h in Dutch

**NETHERLANDS - JINX Radio**, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

**ROMANIA - Radio România Actualități**, Galbeni-Bacău (200 kW) - 24h in Romanian

**ROMANIA - Radio România Actualități**, Vașcău-Vascau (10 kW) - 24h in Romanian

**SPAIN - SER, Radio Valencia**, València, Valenciana (50 kW) - 24h in Spanish

**SPAIN - SER, Radio Rioja**, Logroño, La Rioja (10 kW) - 24h in Spanish

## **MACARONESIA**

**CANARY ISLANDS - SER, Radio Club Tenerife**, Santa Cruz, Tenerife (25 kW) - 24h in Spanish

## **AFRICA**

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Zambezia**, Quelimane, Zambezia Province (50 kW) - 0250-2200 (Sat/Sun 24h) in Portuguese

## **THE ARAB WORLD**

**EGYPT - NMA, General Programme**, Quena (10 kW) - Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Iran**, Chahbahar, Systan & Baluchestan (50 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Rewa, Madhya Pradesh (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**JAPAN - Mainichi Hoso, MBS (JOOR)**, Takaishi, Osaka (50 kW) - 24h in Japanese

# 1188 kHz

## **EUROPE**

**HUNGARY - MR4-Nemzetiségi Adások**, Marcali, Somogy (300 kW) - 0600-1800 - 0600-0800 Croatian, 0800-1000 German, 1000-1003 The Southern Bell (Angelus), 1003-1100mo-fr Romany, 1003-1100sa/su Nationalities Music, 1100-1130mo Slovenian, 1100-1130tu Russian, 1100-1130we Greek, 1100-1130th Bulgarian, 1100-1130fr Ukrainian, 1100-1130sa Armenian, 1100-1100su National Magazine, 1130-1200mo-fr Nationalities Music, 1130-1200sa Polish, 1200-1400 Serbian. 1400-1600 Romanian, 1600-1800 Slovak

**HUNGARY - MR4-Nemzetiségi Adások**, Szolnok, Jász-Nagykun-Szolnok (20 kW) - 0600-1800 - same schedule as above

**ITALY - Radio Studio X**, Pistoia, PT, Tuscany (5 kW) - Italian

## **WEST ASIA**

**IRAN - IRIB, Radio Payam**, Tehran (300 kW) - 24h in Persian

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Anning, Kunming, Yunnan (300 kW) - 1200-1600 in English, 1600-1700 in Hindi

**KOREA SOUTH - Far East Broadcasting Company (HLKX) and relays**, Incheon, Seoul area (100 kW) - 1100-1500

VOA in Korean, 1500-1900 FEBC in Korean, 1500-1900 Radio Free Asia in Korean, 1900-2000 FEBC in Chinese, 2000-1100 FEBC in Korean

## 1197 kHz

### EUROPE

**ROMANIA - Radio Târgu Mures**, Brasov-Bod (15 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

### AFRICA

**LESOTHO - Lesotho National Broadcasting Sce, Ultimate FM**, Lancer's Gap, Maseru (50 kW) - 0600-2200 in English

### WEST ASIA

**IRAN - IRIB, Radio Ardabil**, Moghan, Ardabil Province (50 kW) - 24h in Persian & Azeri

### SOUTH ASIA

**INDIA - Akashvani**, Tirunelveli, Tamil Nadu (20 kW)

## 1206 kHz

### BRITISH ISLES

**ENGLAND - Big L - Radio London**, Felixstowe, Suffolk - RSL station - a tribute to the 1960s offshore radio station Wonderful Radio London - on-air between 29 July-14 August 2023

**IRELAND - Radio Daniella** - irregular in English (unlicensed) - reported here as recently as April 2023

### AFRICA

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Inhambane**, Inhambane, Inhambane Province (50 kW) - 0250-2200 (Sat/Sun 24h) in Portuguese

**RODRIGUES - Rodrigues FM**, Citronelle (10 kW) - 24h in English, French, South Asian languages

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Jeddah FM**, Layla, Al-Aflaj Province (20 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB, Radio Khorasan-e Jonubi**, Nehbandan, South Khorasan Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Bhawanipatra, Odisha (200 kW) - 0025/1735 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Yanbian R&TV, Korean News and General Service**, Longjing, Yanbian, Jilin (200 kW) - 2130-1600 in Korean

**CHINA - Guangdong R&TV, Satellite Radio Guangdong**, Shenzhen, Guangdong (50 kW) - 24h in Chinese

**CHINA - Jiangsu R&TV, Financial Service**, Nanjing, Jiangsu (50 kW) - 2100-1600 in Chinese

## 1215 kHz

### EUROPE

**ITALY - Radio Z100**, Milan (1 kW) - Italian; moved to 1215 from 1206 kHz after Absolute Radio closed its transmitters; has been heard relaying Radio Caroline and likely the station that was heard relaying Manx Radio, as heard here too

**SPAIN - COPE Córdoba**, Córdoba, Andalucía (5 kW) - 24h in Spanish

**SPAIN - COPE León**, León, Castilla y León (5 kW) - 24h in Spanish

### AFRICA

**BOTSWANA - Radio Botswana, National Service**, Mahalapye, Central District (50 kW) - 24h in Setswana/English

**ETHIOPIA - Gimbi Educational Radio**, Gimbi, Oromia Region (2.5 kW) - 0400-2000v in Ethiopian languages

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Jeddah FM**, Hafar al-Batin, Eastern Province (50 kW) - 24h in Arabic

**SAUDI ARABIA - SBA, Radio Riyadh**, Medina, Madinah Province (20 kW) - 24h in Arabic

### SOUTH ASIA

**INDIA - Akashvani**, Puducherry, Puducherry (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, Dongning, Heilongjiang (100 kW) - 2025-1805 in Chinese

**CHINA - CNR-2**, Shenyang, Liaoning (200 kW + LP) - 2058-1600 in Chinese

**CHINA - CNR-7, Voice of the Greater Bay**, Zhuhai, Guangdong (50 kW) - 2100-1805 in Cantonese/Mandarin

**CHINA - Heihe R&TV**, Heihe, Heilongjiang (50 kW) - 2100-1400 in Chinese

## 1224 kHz

### EUROPE

**NETHERLANDS - Radio Coevorden**, Coevorden, Drenthe (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio 1224**, Lunteren (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Favoriet**, Standdaarbuiten (0.05 kW) - 24h in Dutch

**SPAIN - COPE Huelva**, Huelva, Andalucía (10 kW) - 24h in Spanish

**SPAIN - COPE Almeria**, Almeria, Andalucía (5 kW) - 24h in Spanish

**SPAIN - COPE Lugo**, Lugo, Galicia (5 kW) - 24h in Spanish

**SPAIN - COPE Lleida**, Lleida, Cataluña (5 kW) - currently off-air

**SPAIN - COPE Mallorca**, Palma de Mallorca, Balearic Islands (5 kW) - currently off-air

### AFRICA

**MOZAMBIQUE - Rádio Moçambique, Emissão Provincial de Cabo Delgado**, Pemba, Cabo Delgado Province (50 kW)

- 0250-2200 in Portuguese

**NIGERIA - Radio Plateua 1**, Jos, Plateau State (50 kW) - 0500-2300 in Nigerian languages

### WEST ASIA

**IRAN - IRIB World Service**, Kish Island, Hormozgan Province (300 kW) - 24h in Arabic

**IRAN - IRIB, Radio Iran**, Kerman, Kerman Province (50 kW) - 24h in Persian

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-6, Voice of Shenzhou**, Xiamen, Fujian (100 kW) - 2155-1605 in Amoy, Hakka and Mandarin

**CHINA - Guangxi R&TV, Economic Broadcasting Station**, Nanning (100 kW + LP) - 2230-1605 in Chinese

## 1233 kHz

### BRITISH ISLES

**ENGLAND - Radio Rock Revolution** - irregular in English (unlicensed) - reported here as recently as April 2023

**IRELAND - Radio Daniella** - irregular in English (unlicensed) - reported here as recently as March 2023

### EUROPE

**ITALY - Milano XR**, Magenta, MI, Lombardy (0.5 kW) - Italian

### SOUTH ASIA

**INDIA - Akashvani**, Tura, Meghalaya (20 kW)

## 1242 kHz

### BRITISH ISLES

**ENGLAND - Smooth Radio**, Hoo, Kent (0.32 kW) - 24h in English

### THE ARAB WORLD

**OMAN - Radio Sultanate of Oman**, Barka, Al Batinah South Governorate (500 kW) - 24h in Arabic

### SOUTH ASIA

**INDIA - Akashvani**, Varanasi, Uttar Pradesh (100 kW) - 0025/1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**JAPAN - NBS, Nippon Hoso (JOLF)**, Kisarazu (Yokyo area), Chiba (100 kW) - 24h in Japanese

**VIETNAM - Voice of Vietnam External Service**, Thoi Long, Can Tho (500 kW, probably now only 500 kW) -

1300-1330 in Cambodian, 1330-1430 in Lao, 1430-1500 in Cambodian, and 1500-1600 Vietnamese

## 1251 kHz

### BRITISH ISLES

**ENGLAND - BFBS Gurkha Radio**, Imphal Barracks, York, North Yorkshire (0.001 kW) - 24h in Nepali (LPAM)

**ENGLAND - RaW, Radio Warwick**, University of Coventry, Coventry, West Midlands (0.001 kW) - 24h in English (LPAM)

### EUROPE

**HUNGARY - Dankó Rádió**, Nyíregyháza (25 kW) - 0225-1905 in Hungarian

**HUNGARY - Dankó Rádió**, Szombathely (5 kW) - 0225-1905 in Hungarian

**NETHERLANDS - Album AM**, Uden, Noord-Brabant (0.1 kW) - 24h in Dutch

**PORTUGAL - Rádio Renascença**, Chaves, Norte (1 kW) - 24h in Portuguese

**PORTUGAL - Rádio Renascença**, Castelo Branco, Centro (1 kW) - 24h in Portuguese

## **SOUTH ASIA**

**INDIA** - Akashvani, Sangli, Maharashtra (20 kW)

**PAKISTAN** - Radio Pakistan, Loralai, Baluchistan (10 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA** - Qinghai R&TV, Tibetan Service, Xining, Qinghai (200 kW) - 2250-1600 in Tibetan

**CHINA** - CNR-1, Shangzhi, Heilongjiang (100 kW) - 2025-1805 in Chinese

**CHINA** - Shandong R&TV, Country Channel, Jinan, Shandong (50 kW + LP) - 24h in Chinese

**TAJIKISTAN** - Teleradiokom (NHK World Japan relay), Dushanbe, Karotegin Province (300 kW) - 1630-1650 NHK in Persian, 1700-1720 NHK in Urdu

## **1260 kHz**

### **BRITISH ISLES**

**ENGLAND** - Smooth Radio, Farndon, Cheshire (0.64 kW) - 24h in English

**ENGLAND** - Sabras Radio, Freemans Common, Leicester (0.29 kW) - 24h for the Asian community

### **EUROPE**

**CZECH REPUBLIC** - Radio Dechovka, Líbeznice-Bořanovice (10 kW) - 24h in Czech

**SPAIN** - SER, Radio Murcia, Murcia, Murcia (25 kW) - 24h in Spanish

**SPAIN** - SER, Radio Algeciras, Algeciras, Andalucía (5 kW) - 24h in Spanish

### **AFRICA**

**MOZAMBIQUE** - Rádio Moçambique, Emissão Provincial do Niassa, Lichinga, Niassa Province (50 kW) - 0250-2200 in Portuguese

### **THE ARAB WORLD**

**SAUDI ARABIA** - SBA, Radio Riyadh, Dammam, Eastern Province (500 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN** - IRIB, Radio Isfahan, Khur, Isfahan Province (10 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA** - Akashvani, Ambikapur, Chhattisgarh (20 kW) - 0025/740 in Hindi, English etc

**PAKISTAN** - Radio Pakistan, NCAC, Peshawar, NWFP (400 kW) - 2300-0200, 1200-1810 in Urdu, English etc

## **1269 kHz**

### **EUROPE**

**SPAIN** - COPE Badajoz, Badajoz, Extremadura (5 kW) - 24h in Spanish

**SPAIN** - COPE Zamora, Zamora, Castilla y León (5 kW) - 24h in Spanish

### **AFRICA**

**NIGERIA** - Radio Taraba, Jalingo, Taraba State (10 kW) - 0500-2300 in Nigerian languages

### **THE ARAB WORLD**

**KUWAIT** - Radio of the State of Kuwait, Modern Arab Music Programme, Sulaibiyah (100 kW) - 24h in Arabic

### **WEST ASIA**

**IRAN** - IRIB, Radio Ardabil, Khalkhal, Ardabil Province (50 kW) - 24h in Persian & Azeri

### **SOUTH ASIA**

**INDIA** - Akashvani, Agartala, Tripura (20 kW) - 0025-1630 in Hindi, English etc

**INDIA** - Akashvani, Madurai, Tamil Nadu (20 kW) - 0015-1733 in Hindi, English etc

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA** - China Radio International, Xuanwei, Qujing City, Yunnan (600 kW) - 1100-1300 in English, 1300-1400 in Hindi, 1400-1500 in Bengali, 1500-1600 in Nepali, 1600-1800 in Hindi

## **1278 kHz**

### **BRITISH ISLES**

**ENGLAND** - BFBS Gurkha Radio, Tidworth Camp, Tidworth, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND** - BFBS Gurkha Radio, Shorncliffe Barracks, Folkestone, Kent (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND** - BFBS Gurkha Radio, Beacon Barracks, Stafford, Staffordshire (0.001 kW) - 24h in Nepali/English (LPAM)

## **EUROPE**

**UKRAINE - Ukrainian Radio 1st Channel**, Kurisove, Odesa region (100 kW) - 24h in Ukrainian (includes a relay of English-language news daily at 0000-0008 and RFE/RL's Krym.Realii programme at 1138-1150 on Saturdays); resumed broadcasting here on 1 September 2023 (thanks to Alex Miatlikov)

## **THE ARAB WORLD**

**EGYPT - NMA, General Programme**, Aswan, Aswan Governorate (10 kW) - Arabic

**OMAN - Radio Sultanate of Oman**, Bahla, Ad Dakhiliyah Governorate (100 kW) - 24h in Arabic

## **WEST ASIA**

**IRAN - IRIB, Radio Kermanshah**, Kermanshah, Kermanshah Province (300 kW) - 24h in Persian

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Hebei R&TV, News Service**, Shijiazhuang, Hebei (100 kW + LP) - 2030-1800 in Chinese

**JAPAN - RKB, Mainichi Hoso (JOFR)**, Fukuoka, Fukuoka (50 kW) - 24h in Japanese; RKB key station

## **1287 kHz**

### **BRITISH ISLES**

**ENGLAND - Acacia Radio**, Acacia Community Centre, Sutton-in-Ashfield, Notts (0.001 kW) - 24h in English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, St Omer Barracks, Aldershot, Hampshire (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Imjin Barracks, Innsworth, Gloucester (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Buckley Barracks, Hullavington, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Invicta Park Barracks, Maidstone, Kent (0.001 kW) - 24h in Nepali/English (LPAM)

**ENGLAND - BFBS Gurkha Radio**, Warminster Barracks, Wiltshire (0.001 kW) - 24h in Nepali/English (LPAM)

**WALES - BFBS Gurkha Radio**, Infantry Training Centre, Brecon, Powys (0.001 kW) - 24h in Nepali/English (LPAM)

### **EUROPE**

**NETHERLANDS - Hotradio Hits**, Bornerbroek, Overijssel (0.1 kW) - 24h in Dutch

**NETHERLANDS - Unique Gold**, Malden, Gelderland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio 0511**, Ternaard, Friesland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Kilrock**, 's-Gravendeel, Zuid-Holland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Daiwa**, Nunspeet, Gelderland (0.05 kW) - 24h in Dutch

**PORTUGAL - Antena 1**, Portalegre, Alentejo Region (2 kW) - 24h in Portuguese

**SPAIN - SER, Radio Castilla**, Burgos, Castilla y León (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Lleida**, Lleida, Cataluña (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Lugo**, Lugo, Galicia (2 kW) - 24h in Spanish

### **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Barisal (10 kW)

**INDIA - Akashvani**, Panaji, Goa (100 kW) 0025/1750 in Hindi, English etc

### **REST OF ASIA (transmitters of 50 kW and over)**

**JAPAN - HBC, Hokkaido Hoso (JOHR)**, Sapporo, Hokkaido (50 kW) - 24h in Japanese; HBC key station

## **1296 kHz**

### **BRITISH ISLES**

**ENGLAND - Radio XL**, Langley Mill, near Birmingham (10 kW) - 24h for the Asian community in the West Midlands

### **EUROPE**

**ITALY - Viva la Radio! Emozioni Italiane**, Lazise, VR, Veneto - Italian

**SPAIN - COPE Valencia**, Valencia, Valenciana (50 kW) - 24h in Spanish

### **WEST ASIA**

**IRAN - IRIB, Radio Zahedan**, Zabol, Sistan & Baluchestan Province (50 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA - Akashvani**, Darbhanga, Bihar (20 kW)

### **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Anning, Kunming, Yunnan (300 kW) - 1100-1700 in Vietnamese

**TAJIKISTAN - RFE/RL Radio Azadi**, Dushanbe (150 kW) - 1330-0130 in Pashto & Dari

## 1305 kHz

### BRITISH ISLES

**ENGLAND - Premier Christian Radio**, North Looe, South London (0.5 kW) - 24h in English

**ENGLAND - Premier Christian Radio**, Chingford, North London (0.5 kW) - 24h in English

**ENGLAND - Greatest Hits Radio**, Ardsley, near Barnsley, South Yorkshire (0.15 kW) - 24h in English

### EUROPE

**GREECE - ERA-1**, Tripoli, Peloponnese (1 kW) - 24h in Greek

**ITALY - Radio Zai.net**, Coltano, PI, Tuscany (0.1 kW) - Italian

**SPAIN - RNE Radio 5**, Ourense, Galicia (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Ciudad Real, Castile La-Mancha (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Bilbao, País Vasco (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, León, Castilla y León (10 kW) - 24h in Spanish

### THE ARAB WORLD

**EGYPT - NMA, General Programme**, Asyut, Aswan Governorate (10 kW) - Arabic

### WEST ASIA

**IRAN - IRIB, Radio Bushehr**, Bushehr, Bushehr Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Parbhani, Maharashtra (10 kW) - 0020-1741 in Hindi, English etc

## 1314 kHz

### EUROPE

**NORWAY - Radio Northern Star/Bergen Kringkaster**, Ergan (0.5 kW) - Radio Northern Star 0330-0800 & 1500-2200; Bergen Kringkaster 0800-1500

**ROMANIA - Antena Satelor**, Constanta, Sud-Est Region (50 kW) - 24h in Romanian

**ROMANIA - Antena Satelor**, Timișoara, Vest Region (25 kW) - 24h in Romanian, except for prgrs for minorities:

0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

**ROMANIA - Radio Oltenia Craiova**, Craiova, Sud-Vest Region (15 kW) - 0300-2100 in Romanian

**SPAIN - RNE Radio 5**, Cuenca, Castile La Mancha (20 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Tarragona, Cataluña (10 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Salamanca, Castilla y León (10 kW) - 24h in Spanish

### THE ARAB WORLD

**EGYPT - NMA, General Programme**, Nag Hamadi, Qena Governorate (1 kW) - Arabic

### WEST ASIA

**IRAN - IRIB, Radio Iran**, Ardabil, Ardabil Province (50 kW) - 24h in Persian

### SOUTH ASIA

**BANGLADESH - Bangladesh Betar**, Cox's Bazar (10 kW)

**INDIA - Akashvani**, Bhuj, Gujarat (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Chongqing R&TV**, Chongqing National Central City (50 kW + LP) - 24h in Chinese

**JAPAN - OBC, Radio Osaka (JOUF)**, Osaka, Osaka (50 kW) - 24h in Japanese; OBC key station

## 1323 kHz

### BRITISH ISLES

**ENGLAND - Smooth Radio**, Southwick, near Brighton, West Sussex (0.5 kW) - 24h in English

**ENGLISH - Akash Radio**, Leeds, West Yorkshire (0.001 kW) - 24h for Punjabi community (CR)

### EUROPE

**ITALY - AM Italia**, Villa Estense, PD, Veneto (5/1 kW) - Italian; also relays IRRS-Nexus at 1700-2115 in English

**ROMANIA - Radio Târgu Mures**, Târgu Mures, Centru Region (15 kW) - 0300-1900 in Romanian; except for prgrs for

minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su

Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa

Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

## **WEST ASIA**

**IRAN - IRIB, Radio Tabriz**, Jolfa, East Azerbaijan (50 kW) - 24h in Persian & Azeri; includes a relay of IRIB World Service in Azeri at 0320-0520 & 1420-1650

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Huadian, Jilin (600 kW) - 1100-1600 and 2100-2300 in Korean

**CHINA - China Radio International**, Hutubi, Xinjiang (600 kW) - 1100-1200 in Russian, 1200-1300 in Mongolian, 1300-1500 in Russian, 1500-1800 in English

**CHINA - China Radio International**, Shuanghyashan, Heilongjiang (200 kW) - 1100-1600 in Russian

## **1332 kHz**

### **BRITISH ISLES**

**ENGLAND - Radio Warrington**, Warrington, Cheshire (0.001 kW) - 24h in English (CR)

### **EUROPE**

**NETHERLANDS - Extra AM**, Amsterdam, Noord-Holland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Beilen AM**, Beilen, Drenthe (0.1 kW) - 24h in Dutch

**NETHERLANDS - De Parel van Twente**, Goor, Overijssel (0.1 kW) - 24h in Dutch

**ROMANIA - Radio România Actualități**, Galati, Sud-Est Region (50 kW) - 24h in Romanian

### **WEST ASIA**

**IRAN - IRIB, Radio Tehran**, Tehran-Goldasteh (300 kW) - 24h in Persian

### **SOUTH ASIA**

**INDIA - Akashvani**, Tezu, Arunachal Pradesh (10 kW)

**PAKISTAN - Radio Pakistan**, Lahore-II, Punjab (100 kW) - 0200-0400 and 1300-1800 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Henan R&TV, Education Service**, Zhengzhou, Henan (100 kW) - 24h in Chinese

**JAPAN - Tokai Hoso (JOSF)**, Nagoya, Aichi (50 kW) - 24h in Japanese; Tokai Hoso key station

## **1341 kHz**

### **EUROPE**

**SPAIN - Onda Cero Radio**, Ciudad Real, Castile-La Mancha (10 kW) - 24h in Spanish

**SPAIN - Onda Cero Radio**, Almería, Andalucía (5 kW) - 24h in Spanish

**SPAIN - SER, Radio León**, León, Castilla y León (10 kW) - 24h in Spanish

### **THE ARAB WORLD**

**EGYPT - NMA, Songs Programme / Cultural Programme**, Abu Za'bal, Cairo (100 kW) - Arabic

**EGYPT - NMA, Holy Quran Programme / Youth and Sports Programme / Educational Programme**, Bawiti, Giza Governorate (10 kW) - Arabic

**EGYPT - NMA, General Programme**, Siwa, Matruh Governorate (10 kW) - Arabic

**EGYPT - NMA, General Programme**, Idfu, Aswan Governorate (10 kW) - Arabic

**KUWAIT - Radio of the State of Kuwait, Second Arabic Prgr / Holy Quran Programme**, Magwa (100 kW) - 0700-2100 Second Prgr, 2100-0700 Holy Quran Prgr

### **WEST ASIA**

**IRAN - IRIB, Radio Kerman**, Bam, Kerman Province (10 kW) - 24h in Persian

### **SOUTH ASIA**

**PAKISTAN - Radio Pakistan**, Bahawalpur, Punjab (10 kW) - 0850-1810 in Urdu, English etc

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International**, Guangzhou, Guangdong (300 kW) - 1130-1200 in Filipino, 1200-1430 in English, 1430-1500 in Filipino

**CHINA - Shenyang R&TV, City Radio**, Shenyang, Liaoning (50 kW) - 24h in Chinese

## **1350 kHz**

### **BRITISH ISLES**

**ENGLAND - Mid-Downs Radio**, Princess Royal Hosp., Haywards Heath, West Sussex (0.001 kW) - 24h in English (LPAM)

**ENGLAND - Radio Cavell**, Royal Oldham Hospital, Oldham, Lancashire (0.001 kW) - 24h in English (LPAM)

## EUROPE

**HUNGARY - MR4-Nemzetiségi Adások**, Győr, Western Transdanubia (5 kW) - 0600-1800: 0600-0800 Croatian, 0800-1000 German, 1000-1003 The Southern Bell (Angelus), 1003-1100mo-fr Romany, 1003-1100sa/su Nationalities Music, 1100-1130mo Slovenian, 1100-1130tu Russian, 1100-1130we Bulgarian, 1100-1130th Greek, 1100-1130fr Ukrainian, 1100-1130sa Armenian, 1100-1200su National Magazine, 1130-1200mo-fr Nationalities Music, 1130-1200sa Polish, 1200-1400 Serbian. 1400-1600 Romanian, 1600-1800 Slovak

## AFRICA

**BOTSWANA - Radio Botswana, National Service**, Tshabong, Kgalagadi District (50 kW) - 24h in Setswana/English

## THE ARAB WORLD

**EGYPT - NMA, General Programme**, Qusayr, Red Sea Governorate (10 kW) - Arabic

## WEST ASIA

**ARMENIA - AR Radio Intercontinental**, Gavar, Gegharkunik Province (1000 kW) - TWR relay: 1800-2030 in Arabic

## SOUTH ASIA

**INDIA - Akashvani**, Kupwara, Jammu & Kashmir (20 kW)

## REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Jiangxi R&TV**, Ji'an, Jiangxi (50 kW + LP)r - 2200-1600 in Chinese

**CHINA - Kunming R&TV**, Kunming, Yunnan (50 kW) - 24h in Chinese

**PHILIPPINES - DWUN, UNTV Radio La Verdad**, Malabon, NCR/Metro Manila (50 kW) - 24h in Tagalog

## 1359 kHz

## EUROPE

**ITALY - Regional Radio**, Viterbo, VT, Lazio (0.25 kW) - Italian

## AFRICA

**ETHIOPIA - Voice of the Tigray Revolution**, Mekelle, Tigray Province (100 kW) - 0250v-1957 in Tigrinya and other Ethiopian languages; currently thought to be broadcasting in support of the Tigray People's Liberation Front

## 1368 kHz

## BRITISH ISLES

**ISLE OF MAN - Manx Radio**, Foxdale (20 kW) - 24h in English

## AFRICA

**SEYCHELLES - SBC Radyo Sesel**, Victoria (10 kW) - 24h in Seychellois Creole, French and English

## THE ARAB WORLD

**EGYPT - NMA, General Programme**, El Kharga (10 kW) - Arabic

## WEST ASIA

**IRAN - IRIB, Radio Golestan**, Gonbad-e Kavus, Golestan Province (150 kW) - 24h in Persian

## 1377 kHz

## BRITISH ISLES

**ENGLAND - Asian Sound Radio**, Ashton Moss, Greater Manchester (0.08 kW) - 24h for the Asian community

## AFRICA

**TANZANIA - Radio Free Africa**, Mwanza, Mwanza Region (50 kW) - 24h in Swahili

## WEST ASIA

**ARMENIA - AR Radio Intercontinental (TWR relays)**, Gavar, Gegharkunik Province (500 kW) - TWR relays: 1700-1715sa-we Persian, 1700-1715th in Gilaki, 1700-1715fr in Qashqa'i, 1715-1830 in Persian, 1832-1947 in Ukrainian

**IRAN - IRIB, Radio Zahedan**, Chahbahar, Sistan & Baluchestan (50 kW) - 24h in Persian

**IRAN - IRIB, Radio Kermanshah**, Paveh, Kermanshah Province (10 kW) - 24h in Persian

## REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, Xingyang, Henan (600 kW) - 2025-1805 in Chinese

**CHINA - Xizang R&TV, Chinese Service**, Lhasa, Xizang (100 kW) - 2000-1800 in Chinese

## 1386 kHz

### BRITISH ISLES

**ENGLAND - Anker Radio**, George Eliot Hospital, Nuneaton, Warwickshire (0.001 kW) - 24h in English (LPAM)

**ENGLAND - Carillon Radio**, Loughborough Hospital, Loughborough, Leicestershire (0.001 kW) - 24h in English (LPAM)

**ENGLAND - Radio Clatterbridge**, Clatterbridge Hospital, Clatterbridge, Wirral (0.001 kW) - 24h in English (LPAM)

**WALES - Radio City**, Singleton Hospital, Swansea (0.001 kW) - 24h in English (LPAM)

### EUROPE

**LITHUANIA - Radio Baltic Waves Int.**, Viešintos (75 kW) - 1400-1500 Radio Poland in English; 1500-1510mo-fr NHK World Japan in Russian; 1500-1520sa/su NHK World Japan in English; 1510-1525mo-fr NHK World Japan in English; 1525-1530mo-fr NHK World Japan in Russian; 1530-1600 Radio Poland in Polish; 1600-1630 Radio Poland in Russian; 1630-1700 Radio Poland in German; 1700-1730 C.M.Obrecht (Saturday 28 October only); 1730-1750 NHK World Japan in Russian; 1800-1830 Deutsche Welle in Russian; 1830-2100 RFE/RL Radio Liberty in Russian; 2100-0330 Radio Ukraine International in Ukrainian; 0330-0350 NHK World Japan in Russian; 0400-0500 Radio Poland in Belarusian; 0500-0530 Radio Poland in Ukrainian

### AFRICA

**KENYA - KBC, English & North-Eastern Sces**, Maralal, Samburu County (50 kW) - 0200-2110 in English/local langs

### THE ARAB WORLD

**EGYPT - NMA, South Upper Egypt Radio**, Luxor, Luxor Governorate (10 kW) - Arabic

### SOUTH ASIA

**INDIA - Akashvani**, Gwalior, Madhya Pradesh (10 kW) - 0020/1741 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Tianjin R&TV, Life Service**, Tianjin, Tianjin Municipality (50 kW) - 2055-1800 in Chinese

## 1395 kHz

### EUROPE

**ITALY - Regional Radio**, Rome, RM, Lazio (1 kW) - Italian

**NETHERLANDS - Columbia AM**, Aalst, Gelderland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Sterrekijker AM**, Elim, Drenthe (0.1 kW) - 24h in Dutch

**NETHERLANDS - Seabreeze AM**, Grou, Friesland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Happy AM**, Nieuw- en Sint Joosland, Zeeland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Haaglanden Radio International**, Voorburg, Zuid-Holland (0.1 kW) - 24h in Dutch

### WEST ASIA

**ARMENIA - Radio CJSC**, Gavar, Gegharkunik Province (500 kW) - broadcasting the external service of Public Radio of Armenia (PRA) and various other relays: 1600-1630 PRA in Kurdish, 1630-1645 PRA in Yezidi, 1645-1700 PRA in Persian, 1700-1715 PRA in Turkish, 1715-1730 Voice of Free Talyshistan in Talysh, 1730-1745 PRA in Azeri, 1800-1830 NHK World Japan in Persian

**IRAN - IRIB World Service**, Gorgan, Golestan Province (50 kW) - 1420-1820 in Turkmen

**IRAN - IRIB, Radio Khalij e-Fars**, Hajiabad, Hormozgan Province (50 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Bikaner, Rajasthan (20 kW) - 0025-1740 in Hindi, English etc

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Anhui R&TV, Storytelling Sce**, Hefei, Anhui (50 kW + LP) - 2200-1805 in Chinese

## 1404 kHz

### EUROPE

**GREECE - ERA-1**, Komotini, East Macedonia and Thrace (50 kW) - off-air at present

**ITALY - Canzoni e Sorrisi**, Casalgrande, RE, Emilia-Romagna (0.2 kW) - 0700-1800 in Italian

**ROMANIA - Radio Cluj**, Sighetu Marmăției (15 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0330-0500mo-sa Radio Sighet in Hungarian, 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1200mo-sa Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1300-1500mo-sa Kolozsvari Radio in Hungarian, 1500-1700mo-sa Radio Sighet in Hungarian (exc 1600-1655fr Radio Sighet in Ukrainian)

**ROMANIA - Radio România Actualități**, Sibiu (1 kW) - 24h in Romanian

## **AFRICA**

**MALAWI - MBC Radio 1**, Chitipa, Northern Region (10 kW) - 24h in Chichewa/English (reported slightly off-frequency)  
**NIGERIA - Radio Gombe**, Gombe, Gombe State (10 kW) - 0430-0005 in Nigerian languages/English

## **WEST ASIA**

**IRAN - IRIB, Radio Iran**, Dasht, Fars Province (10 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA - Akashvani**, Gangtok, Sikkim (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - Fujian R&TV, Economic Broadcasting Station**, Fuzhou, Fujian (50 kW) - 24h in Chinese and Amoy  
**CHINA - Hubei R&TV, News & General Sce, V of Hubei**, Jingzhou/Qichun, Hubei (50 kW + LP) - 2000-1730 in Chinese

# 1413 kHz

## **BRITISH ISLES**

**ENGLAND - BBC Radio Gloucestershire**, Berkley Heath, Glos. (0.5 kW) - 24h in English; incl. BBC R5L overnight  
**ENGLAND - Premier Christian Radio**, Dartford Marshes, East London (0.5 kW) - 24h in English  
**ENGLAND - Premier Christian Radio**, Heathrow, West London (0.5 kW) - 24h in English  
**ENGLAND - Bradford Asian Radio**, Bradford, West Yorkshire - 24h in English/South Asian languages (CR)

## **EUROPE**

**MOLDOVA (PMR) - Vesti FM**, Maiac, Grigoriopol (500 kW) - 24h in Russian  
**SPAIN - RNE Radio 5**, Jaén, Andalucía (10 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Vigo, Galicia (5 kW) - 24h in Spanish  
**SPAIN - RNE Radio 5**, Girona, Cataluña (5 kW) - 24h in Spanish

## **THE ARAB WORLD**

**OMAN - BBC World Service**, A'Seela (800 kW) - 0030-0100 in Dari, 0100-0500 in English, 1300-1800 in English, 1800-1900 in Pashto, 1900-2100 in English

## **SOUTH ASIA**

**BANGLADESH - Bangladesh Betar**, Comilla (10 kW)  
**INDIA - Akashvani**, Kota, Rajasthan (20 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**JAPAN - KBC, Kyushu Asahi Hoso (JOIF)**, Fukuoka, Fukuoka (50 kW) - 24h in Japanese; KBC key station

# 1422 kHz

## **EUROPE**

**ROMANIA - Radio România Actualități**, Olanesti (10 kW) - 24h in Romanian

## **AFRICA**

**MALAWI - MBC Radio 1**, Matiya, Southern Region (10 kW) - 0200-2200 in Chichewa/English  
**SOUTH AFRICA - Hellenic Radio**, Bedfordview, Gauteng (1 kW) - 24h in Greek/English

## **THE ARAB WORLD**

**ALGERIA - Radio Algérienne**, Alger (40 kW) - 24h in Arabic (various services): 1200-1600 Chaîne 1, 1600-2300 Radio Culture, 2300-1200 Radio Coran in Arabic  
**EGYPT - NMA, Radio Matruh**, Salum, Matruh Governorate (10 kW) - Arabic  
**SAUDI ARABIA - SBA, Radio Neda al-Islam**, Riyadh (20 kW) - 24h in Arabic

## **REST OF ASIA (transmitters of 50 kW and over)**

**CHINA - China Radio International / CNR-8 Voice of Minorities**, Kashgar, Xinjiang (600 kW) - 0600-0700 CNR-13 in Uighur, 0700-0800 CNR-1 in Chinese, 0800-0900 CNR-13 in Uighur, 0900-1100 CNR-1 in Chinese, 1300-1400 China Radio Int. in Hindi, 1400-1600 China Radio Int. in Urdu, 1600-1700 China Radio Int. in Hindi  
**JAPAN - Radio Nippon Hoso (JORF)**, Yokohama, Kanagawa (50 kW) - 24h in Japanese; key station  
**TAIWAN - Radio Taiwan Int**, Minhsiung (50 kW) - 2200-0000 in Chinese, 0000-0100 in Thai, 0100-0200mo-fr in Amoy, 0200-0300 in Chinese, 0300-0400 in Indonesian, 0400-0500 in Chinese, 0500-0600 in Vietnamese, 0600-0700 in Chinese, 0700-0800 in Amoy, 0800-1100 in Chinese, 1100-1200 in Vietnamese, 1200-1300 in Indonesian, 1300-1400 in Chinese, 1400-1500 in Thai, 1500-1600 in Chinese

## 1431 kHz

### BRITISH ISLES

**ENGLAND - Carillon Radio**, Coalville Hospital, Coalville, Leicestershire (0.001 kW) - 24h in English (LPAM)

**ENGLAND - CHR 1431**, St Richard's Hospital, Chichester, West Sussex (0.001 kW) - 24h in English (LPAM)

**ENGLAND - Radio Redhill**, East Surrey Hospital, Redhill, Surrey (0.001 kW) - 24h in English (LPAM)

### AFRICA

**DJIBOUTI - Voice of America**, Dorale (600 kW) - 1530-0330 consisting of: 1530-1600 VOA Learning English, 1600-1700 English (VOA News, followed by Nightline Africa), 1700-1800 Somali (News and features), 1800-1830 English (VOA News, followed by Nightline Africa), 1830-2030 French (News and features), 2030-2100mo-fr English (South Sudan in Focus), 2030-2100sa/su French (VOA Learning English), 2100-2130mo-fr French (News, followed by VOA Learning English), 2100-2130sa/su English (VOA News, followed by VOA 1 The Hits, 2130-0330 English (VOA 1 The Hits with VOA News on the hour)

### SOUTH ASIA

**BANGLADESH - Bangladesh Betar**, Bandorban (10 kW)

## 1440 kHz

### BRITISH ISLES

**IRELAND - Energy Power AM**, Dublin - irregular in English (unlicensed) - reported here as recently as June 2023

### EUROPE

**DENMARK - Radio208**, Ishøj, Region Hovedstaden (0.4) - 24h; progressive classic rock from 1964-84 , no studio hosts

**ITALY - Regional Radio**, Otricoli, TR, Umbria (1 kW) - Italian

**ITALY - Regional Radio**, Rieti, RI, Lazio (1 kW) - Italian

### AFRICA

**NIGERIA - Adamawa Broadcasting Corporation**, Yola, Adamawa State (10 kW) - 0430-2300 in Nigerian langs/English

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Radio Riyadh**, Ras Al-Khair, Eastern Province (1600 kW) - 24h in Arabic

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Guangxi R&TV**, Bose, Guangxi Zhuang (50 kW + LP) - 24h in Chinese

**JAPAN - STV, Sapporo TV Hosō (JOWF)**, Sapporo, Hokkaido (50 kW + LP) - 24h in Japanese

## 1449 kHz

### BRITISH ISLES

**ENGLAND - BBC Asian Network**, Gunthorpe, Peterborough, Cambridgeshire (0.15 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

**ENGLAND - Leicester Community Radio**, Leicester (0.05 kW) - 24h in English (CR)

**SCOTLAND - BBC Radio 4**, Redmoss, Aberdeen (2 kW) - 24h in English; BBC WS

### THE ARAB WORLD

**SAUDI ARABIA - SBA, Radio Riyadh**, Yanbu al-Bahr, Madinah Province (200 kW) - 24h in Arabic

### WEST ASIA

**IRAN - IRIB World Sce**, Bandar-e-Torkamen, Golestan Province (400 kW) - 1320-1420 in Russian, 1420-1820 in Turkmen

### SOUTH ASIA

**MALDIVES - Voice of Maldives**, Male (10 kW) - 24h in Dhivehi, with English 1300-1315; relay R Eke 103.8 FM overnight

**PAKISTAN - Radio Pakistan**, Zhob, Baluchistan (10 kW)

## 1458 kHz

### BRITISH ISLES

**ENGLAND - BBC Asian Network**, Langley Mill, Staffordshire, near Birmingham (5 kW) - 24h with prgrs for the Asian Community; BBC R5L overnight

**ENGLAND - Lyca Radio 1458**, Brookmans Park, Herts, near London (125 kW) - 24h for Asian community in London

**ENGLAND - Gold**, Ashton Moss, Greater Manchester (5 kW) - 24h in English

## EUROPE

**GIBRALTAR - Radio Gibraltar Plus**, Maida Vale (4 kW) - 24h in England, except 1200-1400 in Spanish

**ROMANIA - Radio Romania Actualități**, Constanta, Sud-East Region (50 kW) - reactivated April 2023

## WEST ASIA

**IRAN - IRIB, Radio Khorasan-e Jonubi**, Ghayen, South Khorasan Province (50 kW) - 24h in Persian

## SOUTH ASIA

**INDIA - Akashvani**, Barmer, Rajasthan (20 kW)

**INDIA - Akashvani**, Bhagalpur, Bihar (20 kW)

## REST OF ASIA (transmitters of 50 kW and over)

**CHINA - Nei Menggu R&TV, Mongolian News Service**, Hohhot, Nei Menggu (200 kW + LP) - 2150-1605 in Mongolian

# 1467 kHz

## EUROPE

**FRANCE - Trans World Radio**, Roumoules, Provence-Alpes-Côte d'Azur (1000 kW) - 1945-2015mo-fr in Polish, 2015-2045mo-sa in Kabyl, 2045-2200 in Arabic

**NETHERLANDS - Eldorado**, Damwald, Friesland (0.1 kW) - 24h in Dutch

**NETHERLANDS - Zuidwest Brabant AM**, Heerle, Noord-Brabant (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio Paradijs**, Utrecht, Utrecht (0.1 kW) - 24h in Dutch

**NETHERLANDS - Hit AM**, Zwartemeer, Drenthe (0.1 kW) - 24h in Dutch

**NETHERLANDS - Power Hit Radio**, Sittard, Limburg (0.1 kW) - 24h in Dutch

**NETHERLANDS - Radio de Vliegende Hollander**, Meppel, Drenthe (0.05 kW) - 24h in Dutch

## THE ARAB WORLD

**SAUDI ARABIA - SBA, Radio Riyadh**, Hafra al-Batin, Eastern Province (50 kW) - 24h in Arabic

## WEST ASIA

**IRAN - IRIB, Radio Qom**, Alborz, Qom Province (100 kW) - 24h in Persian (

## SOUTH ASIA

**INDIA - Akashvani**, Jeypore, Odisha (50 kW) - 0025 ... 1741 in Hindi, English etc

## REST OF ASIA (transmitters of 50 kW and over)

**KOREA SOUTH - KBS-1 (HLKN)**, Yeongam, Mokpo area, South Jeolla Province (50 kW) - 24h in Korean

**KYRGYZSTAN - TWR PANI**, Krasnaya Rechka, Bishkek (500 kW) - 1315-1330 TWR Interval Signal, 1330-1345fr in Pahari Kangri, 1330-1345sa in Punjabi, 1330-1400su/mo in Urdu, 1330-1400tu/we in Punjabi, 1330-1400th in Hindi, 1345-1355sa in Kumauni, 1345-1400fr in Bagri, 1355-1400sa in Punjabi, 1400-1430mo-sa in Urdu, 1400-1430su in Kashmiri, 1430-1445sa-mo/we in Urdu, 1430-1445tu in Punjabi, 1430-1445th/fr in Saraiki, 1445-1500 in Urdu, 1500-1530 Radio Sedaye Zindagi in Dari, 1530-1545su/mo in Pashto, 1530-1545tu/we in Dari, 1530-1545th-sa in Urdu, 1545-1630 Pamir Ministries in Pashto, 1630-1645 in Tajik (schedule subject to confirmation, needs to be rechecked)

**THAILAND - Radio Thailand, National Education Radio**, Pathum Thani (100 kW) - 2200-1700 in Thai

# 1476 kHz

## BRITISH ISLES

**ENGLAND - Carillon Wellbeing Radio**, Coalville, Leicestershire (0.25 kW) - 24h in English; relays Radio Seagull between 1900-0300 (CR)

## EUROPE

**AUSTRIA - Museumsradio AM**, Bad Ischi, Upper Austria (0.4 kW) - 0900-2100 in German

## AFRICA

**BENIN - TWR Africa**, Parakou (100 kW) - 0320-0428mo-fr in Hausa, 0430-0550mo-fr in Igbo, 0430-0445su in Igbo, 0447-0517su in English, 1725-1821su-fr in English, 1725-1749sa in English, 1751-1821 sa in Igbo, 1822-1855 in Yoruba, 1856-1912 in Kanuri, 1914-1929mo-fr in Fulfulde, 1914-1944sa/su in Fulfulde

## THE ARAB WORLD

**EGYPT - NMA, North Upper Egypt Radio**, El Minya, Minya Governorate (10 kW) - Arabic

**UNITED ARAB EMIRATES - Radio Keralam**, Ras al Khaimah (100 kW) - 24h in Malayalam

## WEST ASIA

**IRAN - IRIB, Radio Kordestan**, Marivan, Kordestan Province (20 kW) - 24h in Persian & Kurdish

## **SOUTH ASIA**

**PAKISTAN - Radio Pakistan**, Faisalabad, Punjab (10 kW)

## **REST OF ASIA (transmitters of 50 kW and over)**

**THAILAND - Radio Thailand, Chiang Mai Province Network 2**, Lamphun (50 kW) - 2200-1600 in Minority langs & Thai

# 1485 kHz

## **BRITISH ISLES**

**ENGLAND - BBC Radio 4**, Carlisle, Cumbria (0.79 kW) - 24h in English; BBC WS overnight

## **EUROPE**

**GERMANY - Funklust**, Erlangen, Bavaria (0.006 kW) - 0300-2200 UTC with programmes produced by Funklust, a student radio station, and then between 2200-0300 has test tones (one second on and off)

**ITALY - Radio Studio X**, Castellaccio, LI, Tuscany (1 kW) - Italian

**ITALY - Radio Feltre Stereo**, Belluno, BL, Veneto (0.005 kW) - Italian

**ITALY - Radio Luce**, Ascoli Piceno, AP, Marche (0.2 kW) - Italian

**ITALY - Regional Radio**, Terni, TR, Umbria (0.2 kW) - Italian

**LATVIA - Radio Merkurs**, Riga (1 kW) - 24h in Latvian; also other languages on occasions

**NETHERLANDS - AMsterdam 1485**, Amsterdam, Noord-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Atlantica AM**, Dordrecht, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - B-AM**, Bladel, Noord-Brabant (0.001 kW) - 24h in Dutch

**NETHERLANDS - Downtown Radio AM**, Apeldoorn, Gelderland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Dream Radio AM**, Baexem, Kimburg (0.001 kW) - 24h in Dutch

**NETHERLANDS - Ellen AM**, Heerhugowaard, Noord-Holland (0.001 kW) - Saturday in Dutch

**NETHERLANDS - Havenstad Radio**, Rotterdam, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Hollands Palet**, Zoetermeer, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Midden Groningen AM**, Hoogezand, Groningen (0.001 kW) - Sats and irreg during week in Dutch

**NETHERLANDS - Radio 182**, Waddinxveen, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio be Zwarte Hond**, Drachten, Friesland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio Elvira**, Heerhugowaard, Noord-Holland (0.001 kW) - Sunday in Dutch

**NETHERLANDS - Radio Impuls**, Haulerwijk, Friesland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio Jupiter AM**, Groningen, Groningen (0.001 kW) - 24h (Monday-Saturday) in Dutch

**NETHERLANDS - Radio Kesteren**, Kesteren, Gelderland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio Las Vegas**, Hoogezand, Groningen (0.001 kW) - Sunday and irreg during week in Dutch

**NETHERLANDS - Radio Loosduinen**, 's-Gravenhage, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio Nomen Nescio**, Goes, Zeeland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Radio Oome Ko**, Steenwijk, Overijssel (0.001 kW) - 24h in Dutch (Fri)

**NETHERLANDS - Radio Zebra**, Schiedam, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Regio AM**, Zwartemeer, Drenthe (0.001 kW) - 24h in Dutch

**NETHERLANDS - Spaghetti International Radio**, Blaricum, Noord-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - TalentCast**, Groningen, Groningen (0.001 kW) - Sunday in Dutch

**NETHERLANDS - TIQS Radio**, Leiden, Zuid-Holland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Vader en Zoon / Elim**, Elim, Drenthe (0.001 kW) - 24h in Dutch

**NETHERLANDS - Vintage Music Radio**, Vlissingen, Zeeland (0.001 kW) - 24h in Dutch

**NETHERLANDS - Wijkradio**, Helvoirt, Noord-Brabant (0.001 kW) - 24h in Dutch

**NETHERLANDS - Zwarte Panter Radio**, oldenzaal, Overijsee (0.001 kW) - 24h in Dutch

**NORWAY (SVALBARD) - NRK-1**, Longyearbyen, Spitsbergen (1 kW) - 24h in Norwegian, incl. reg. prgrs from NRK Troms

**ROMANIA - Radio Vocea Speranței**, Botoșani, Botoșani County (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Speranței**, Mediaș, Sibiu County (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Speranței**, Oradea, Bihor County (1 kW) - 24h in Romanian

**SPAIN - SER, Radio Santander**, Santander, Cantabria (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Zamora**, Zamora, Castilla y León (10 kW) - 24h in Spanish

**SPAIN - SER, Radio Alcoy**, Alcoy, Valencian (5 kW) - 24h in Spanish

## **NORTH AFRICA**

**MELILLA - SER, Radio Melilla**, Melilla (5 kW) - 24h in Spanish

## **AFRICA**

**ETHIOPIA - Radio Ethiopia**, Negele Borana, Oromia Region (10 kW) - 0245-2100 in Ethiopian languages

**SOUTH AFRICA - Radio Today**, Honeydew, Johannesburg (1 kW) - 24h in English

## **THE ARAB WORLD**

**SUDAN - Al-Qadarif State Radio**, Al-Qadarif, Al-Qadarif State (5 kW) - current status unconfirmed

## **WEST ASIA**

**IRAN - IRIB, Radio Abadan**, Jamshidabad, Khozestan Province (20 kW) - 24h in Persian & Arabic

**IRAN - IRIB, Radio Chichest**, Khoy, West Azerbaijan Province (10 kW) - 24h in Persian & Azeri

**IRAN - IRIB, Radio Iran**, Damghan, Semnan Province (1 kW) - 24h in Persian

## **SOUTH ASIA**

**INDIA, Akashvani**, Ahwa, Gujarat (1 kW)

**INDIA, Akashvani**, Chamoli, Uttarakhand (1 kW)

**INDIA, Akashvani**, Dras, Ladakh (1 kW)

**INDIA, Akashvani**, Dunagrpur, Rajasthan (1 kW)

**INDIA, Akashvani**, Khalsi, Ladakh (1 kW)

**INDIA, Akashvani**, Nongstoin, Meghalaya (1 kW)

**INDIA, Akashvani**, Nyoma, Ladalh (1 kW)

## **1494 kHz**

### **BRITISH ISLES**

**ENGLAND - Radio Britannia** - irregular (unlicensed)

**IRELAND - Laser Hot Hits** - irregular (unlicensed)

### **EUROPE**

**MOLDOVA - Radio Moldova**, Cahul (30 kW) - 0255-1900(2000mo) in Moldovan/others; some highlights of schedule include: 1715-1755mo Gagauz, 1715-1735tu/we Romani, 1715-1755th Ukrainian, 1715-1755fr Bulgarian, 1725-1755sa RFE/RL Romanian, 1735-1755tu/we Russian, 1800-1815mo-fr Russian, 1815-1845mo RFE/RL Russian, 1930-2000mo RFE/RL Romanian

**MOLDOVA - Radio Moldova**, Edineț (20 kW) - schedule as above

### **WEST ASIA**

**IRAN - IRIB, Radio Khorasan-e Razavi**, Taybad, Razavi Khorasan Province (10 kW) - 24h in Persian

## **1500 kHz**

### **EUROPE**

**GERMANY - Radio Eule**, Munich, Bavaria (0.001 kW) - occasional broadcasts in German

## **1503 kHz**

### **EUROPE**

**BOSNIA-HERCEGOVINA - Radio 1503 Zavidovići**, Zavidovići (1 kW) - 0415-0000 in Bosnian, includes relays of BHR-1 and Radio FBiH at certain times and carries the RFE/RL Bosnian Service at 0600-0700, 1300-1330, 1600-1630, 2000-2100 and 2200-2300

**ITALY - Radio Diffusione Europea**, Trieste, TS, Friuli Venezia Giulia (1 kW) - Italian

**SPAIN - RNE Radio 5**, La Línea, Andalusia (5 kW) - 24h in Spanish

**SPAIN - RNE Radio 5**, Monforte de Lemos, Galicia (2 kW) - 24h in Spanish

### **THE ARAB WORLD**

**EGYPT - NMA, Holy Quran Programme**, El Arish, North Sinai Governorate (25 kW) - Arabic

## **1512 kHz**

### **BRITISH ISLES**

**ENGLAND - Radio Blackbeard** - irregular (unlicensed)

### **THE ARAB WORLD**

**SAUDI ARABIA - SBA, Holy Quran Programme**, Jeddah-Khumra (1000 kW) - 1500-0300 in Arabic

### **WEST ASIA**

**IRAN - IRIB, Radio Ardabil**, Ardabil, Ardabil Province (50 kW) - 24h in Persian & Azeri

### **SOUTH ASIA**

**INDIA - Akashvani**, Kokrajhar, Assam (20 kW)

**PAKISTAN - Radio Pakistan**, Gilgit, Northern Areas (10 kW)

## 1520 kHz

### BRITISH ISLES

IRELAND - Finn Valley FM, Castlefinn, Co Donegal - unlicensed transmitter reported here

## 1521 kHz

### BRITISH ISLES

ENGLAND - Flame CCR, Willaston, Wirral (0.07 kW) - 24h in English (Christian)

ENGLAND - Radio Panj, Coventry, West Midlands (0.1 kW) - 24h with programming for the Punjabi community (CR)

### EUROPE

SPAIN - SER, Radio Castellón, Castellón, Valeniana (5 kW) - 24h in Spanish

### THE ARAB WORLD

BAHRAIN - Radio Bahrain, Second Programme, Manama (10 kW) - 24h in Arabic (reported with TV audio)

SAUDI ARABIA - SBA, Radio Riyadh, Duba, Tabuk Province (2000 kW) - 1500-2230 in Arabic

### SOUTH ASIA

INDIA - Akashvani, Tawang, Arunachal Pradesh (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - China Radio International, Hutubi, Xinjiang (500 kW) - 0000-0200 and 1100-2000 in Russian

## 1530 kHz

### EUROPE

ROMANIA - Radio Romania Actualități, Rădăuți, Rădăuți County (14 kW) - 24h in Romanian

ROMANIA - Radio Constanța, Prgr 2, Nufăru, Tulcea County (14 kW) - 0300-1900 in Romanian, including: 1515-1600su Minority Prgr in Aromanian and 1605-1700mo-fr Minority Prgr in Armenian, Greek, Russian, Tatar, and Turkish

### MACARONESIA

MADEIRA - PEF-Posto Emissor do Funchal, Poiso (3 kW) - 24h in Portuguese

### AFRICA

SÃO TOMÉ E PRÍNCIPE - Voice of America relay, Pinheira (600 kW) - 0300-0430 in English, 0500-0530 in Hausa, 0530-0600mo-fr in French, 0600-0700 in English, 1600-1700 in English, 1700-1800 in Portuguese, 1800-1830mo-fr in Portuguese, 1830-2000 in French, 2000-2200 in English

### SOUTH ASIA

INDIA - Akashvani, Agra, Uttar Pradesh (20 kW)

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - Zhejiang R&TV, Voice of the City, Hangzhou, Zhejiang (50 kW) - 24h in Chinese

## 1539 kHz

### EUROPE

SPAIN - SER, Radio Elche, Elche, Valenciana (6 kW) - 24h in Spanish

SPAIN - SER, Radio Manresa, Manresa, Cataluña (5 kW) - 24h in Spanish

### AFRICA

DJIBOUTI - Radio Djibouti, Dorale (50 kW) - 0300-2000 in Afar, Arabic and Somali; reactivated in July 2022

### THE ARAB WORLD

UAE - Kadak FM, Dhabbaya (100 kW) - 0200-1800 in Malayalam

### WEST ASIA

IRAN - IRIB, Radio Golestan, Gorgan, Golestan Province (50 kW) - 24h in Persian

IRAN - IRIB, Radio Iran, Garmsar, Semnan Province (10 kW) - 24h in Persian

### REST OF ASIA (transmitters of 50 kW and over)

CHINA - CNR-1, Golmud, Qinghai (300 kW + LP) - 2025-1805 in Chinese

## 1548 kHz

### BRITISH ISLES

**ENGLAND - Greatest Hits Radio**, Skew Hill, Sheffield, South Yorkshire (0.74 kW) - 24h in English

**SCOTLAND - Greatest Hits Radio**, Collinswell, Edinburgh (2.2 kW) - 24h in English

### EUROPE

**MOLDOVA (PMR) - TWR**, Maiac, Grigoriopol (500 kW) - 1830-1845sa in Bulgarian, 1830-1845su-fr in Romani Balkan, 1845-1915mo-fr in Romani Vlax, 1845-1915sa/su in Romanian, 1915-1940sa/su in Hungarian, 1915-2000mo-fr in Hungarian, 1940-1955sa/su in Bosnian, 1955-2010su in Montenegrin, 2000(2010sa/su)-2030mo-fr in Serbian in Serbian

### AFRICA

**SOUTH AFRICA - Radio Islam**, Lenasia, Gauteng (10 kW) - 24h in English

### THE ARAB WORLD

**KUWAIT - Radio Farda**, USAGM relay, Umm al-Rimam (600 kW) – 1630-2330 in Persian

### WEST ASIA

**IRAN - IRIB, Radio Iran**, Sanandaj, Kordestan Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Dena**, Gach Saran, Kohgiluyeh and Boyerahmad Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Mazandaran**, Larijan, Mazandaran Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Khorasan-e Jonubi**, Ferdows, South Khorasan Province (10 kW) - 24h in Persian

### PACIFIC (transmitters of 50 kW and over)

**AUSTRALIA - ABC Capricornia (4QD)**, Emerald, Queensland (50 kW) - 24h in English

## 1550 kHz

### THE ARAB WORLD

**ALGERIA - National Radio of the Saharan Arab Democratic Republic**, Rabouni (Sahrawi refugee camp), Tindouf Province, Algeria (50 kW) - 0700-1300 and 1700-2300 in Arabic

## 1557 kHz

### BRITISH ISLES

**ENGLAND - Smooth Radio**, Veals Farm, Southampton, Hants (0.5 kW) - 24h in English

### EUROPE

**LITHUANIA - Radio Lenta/Radio Pravda**, Sitkūnai (50 kW) - 1455-0000 in Russian (also known as "Nasha Lenta")

### WEST ASIA

**IRAN - IRIB, Radio Iran**, Zabol, Sistan and Baluchestan Province (50 kW) - 24h in Persian

### SOUTH ASIA

**PAKISTAN - Radio Pakistan**, Skardu, Northern Areas (10 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**TAIWAN - Radio Taiwan Int**, Kouhu, Yunlin (300 kW) - 0900-1100 in Chinese, 1100-1200 in Korean, 1200-1700 in Amoy; co-channel Chinese Firedrake jamming also observed between 0900-1700

## 1566 kHz

### BRITISH ISLES

**ENGLAND - BBC Radio Somerset**, Taunton, Somerset (1 kW) - 24h in English

**ENGLAND - Premier Christian Radio**, Peasmarsh, Guildford, East Sussex (0.8 kW) - 24h in English

**ENGLAND - Salaam BCR (Bury Community Radio)**, Bury, Greater Manchester (0.001 kW) - 24h in English/Asian (CR)

### EUROPE

**ITALY - Radio Kolbe**, Schio, VI, Veneto (0.2 kW) - Italian

**NETHERLANDS - Vahon Hindustani Radio (Vahon FM)**, Stompwijk, South Holland (0.63 kW) - 24h in Hindi and Dutch

### AFRICA

**BENIN - TWR Africa**, Parakou (100 kW) - 0430-0505(0520sa/su) and 1855-2215 in French & West African languages

### WEST ASIA

**IRAN - IRIB, Radio Iran**, Bam, Kerman Province (50 kW) - 24h: Persian

### REST OF ASIA (transmitters of 50 kW and over)

**KOREA SOUTH - FEBC (HLAZ)**, Aewol-ub, Jeju Province (250 kW) - 24h: 1000-1100 Radio Free Asia in Korean, 1100-1230 FEBC Radio Liangyou in Chinese, 1230-1345 FEBC in Japanese, 1345-1630 FEBC Radio Liangyou in Chinese, 1630-1700 FEBC Radio Teos in Russian, 1700-1800 Voice of America in Korean, 1800-1000 FEBC in Korean

## 1575 kHz

### BRITISH ISLES

**ENGLAND - Radio Seerah**, Leicester (0.001 kW) - 24h in English and South Asian languages (CR)

### EUROPE

**ITALY - Radio Centrale Milano**, Valenza, AL, Piemonte - Italian

**RUSSIA - Radio Free Waves**, location unconfirmed but believed to be Smolensk, Smolensk Oblast, Central Federal District - Russian; unlicensed station that has also been heard on shortwave 3940 kHz

### AFRICA

**MAURITIUS - BBC World Service relay**, Bigara (2 kW) - 24h: English

### THE ARAB WORLD

**EGYPT - NMA, Youth and Sports Radio**, Al-Qusayr, Red Sea Governorate (10 kW) - Arabic

### REST OF ASIA (transmitters of 50 kW and over)

**THAILAND - Radio Saranrom / Voice of America relay**, Ayutthaya (1000 kW) - 2200-2230 VOA in Khmer, 2230-0000su-th Radio Saranrom in Thai, 2330-0000fr/sa VOA in Burmese, 0000-0100 VOA in Burmese, 1030-1100 Radio Saranrom in Thai, 1100-1130mo Radio Saranrom in English, 1100-1130tu-fr Radio Saranrom in Thai, 1200-1230mo-fr Radio Saranrom in Thai, 1230-1300 VOA in Lao, 1300-1330 VOA in Rohingya, 1300-1330sa/su VOA in English, 1330-1430 VOA in Khmer, 1430-1500 VOA in Burmese, 1500-1530mo-fr Radio Saranrom in Thai, 1500-1530sa/su VOA in Burmese, 1530-1800 VOA in Burmese

## 1584 kHz

### BRITISH ISLES

**SCOTLAND - Greatest Hits Radio**, Perth (0.21 kW) - 24h in English

### EUROPE

**GREECE - Radiostathmos Armaliadas**, RSA 92.7, Kyllini, Elis, West Greece (1 kW) - 24h in Greek

**ITALY - Radio Piterpan**, Vicenza, VI, Veneto (1 kW) - Italian

**ITALY - Radio Studio X**, Arezzo, AR, Tuscany (1 kW) - Italian

**NETHERLANDS - JINX Radio**, Utrecht, Utrecht (0.1) - 24h in Dutch

**POLAND - Radio AM Andrychów**, Andrychów, Lesser Poland (0.1 kW) - 24h: Polish, local prgrs and relays of Twoje R.

**ROMANIA - ALT FM**, Timișoara, Timiș County (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Sperantei**, Iași, Iași County (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Sperantei**, Sighetu Marmăției, Maramureș County (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Sperantei**, Tecuci, Galați (1 kW) - 24h in Romanian

**ROMANIA - Radio Vocea Sperantei**, Vatra Dornbei, Suceava (1 kW) - 24h in Romanian

**RUSSIA - Radio Chistaya Volna**, Belorechensk, Krasnodar Krai, Southern Federal District (0.03 kW) - 24h in Russian

**SPAIN - SER, Radio Gandía**, Gandía, Valencian (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Orense**, Orense, Galicia (5 kW) - 24h in Spanish

### NORTH AFRICA

**CEUTA - Radiolé Costa del Estrecho**, Ceuta (5 kW) - 24h: Spanish

### THE ARAB WORLD

**BAHRAIN - Radio Bahrain, English Service**, Manama (1 kW) - 0300-2100 in English

**EGYPT - NMA, South Upper Egypt Radio**, Idfu, Aswan Governorate (10 kW) - Arabic

**EGYPT - NMA, El Wady El Gadid Radio**, Baris, New Valley Governorate (1 kW) - Arabic

**SUDAN - White Nile State Radio**, Kosti, White Nile State (5 kW) - current status unconfirmed

### WEST ASIA

**IRAN - IRIB, Radio Semnan**, Biyarjomand, Semnan Province (10 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Himmat Nagar, Gujarat (1 kW)

**INDIA - Akashvani**, Kargil, Jammu & Kashmir (1 kW)

**INDIA - Akashvani**, Keonjhar, Odisha (1 kW)

**INDIA - Akashvani**, Mon, Nagaland (1 kW)

**INDIA - Akashvani**, Padam, Jammu & Kashmir (1 kW)

**PAKISTAN - Radio Pakistan**, Chitral, Khyber-Pak'hwa (0.25 kW)

**PAKISTAN - Radio Pakistan**, Sibi, Baluchestan (0.25 kW)

## 1593 kHz

### EUROPE

**FRANCE - Bretagne 5**, Saint Gouéno, Brittany (10 kW) - 24h in French

**ROMANIA - Radio România Actualități**, Ion Corvin, Constanța (14 kW) - 24h: Romanian

**ROMANIA - Radio Târgu Mures**, Miercurea Ciuc, Centru Region (14 kW) - 0300-1900 in Romanian; except for prgrs for minorities at 0500-0800sa Marosvásárhelyi Radio in Hungarian, 0700-0830su Radio Neumarkt in German, 0830-1500su Marosvásárhelyi Radio in Hungarian, 0800-1500mo-fr Marosvásárhelyi Radio in Hungarian, 1100-1500sa Marosvásárhelyi Radio in Hungarian, 1800-1900mo-sa Radio Neumarkt in German

**ROMANIA - Radio Cluj**, Sibiu (7 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

**ROMANIA - Radio Cluj**, Oradea (2 kW) - 0300-1900 in Romanian; except for prgrs for minorities: 0500-0700mo-sa Kolozsvari Radio in Hungarian, 0720-0730su Radio Bukarest in German, 1100-1500su Kolozsvari Radio in Hungarian, 1100-1200mo-sa Radio Bukarest in German, 1300-1500mo-sa Kolozsvari Radio in Hungarian

### THE ARAB WORLD

**EGYPT - NMA, Matruh Radio**, Mersa Matruh, Matruh Governorate (10 kW) - Arabic

### WEST ASIA

**TURKEY - American Forces Network, AFN**, Incirlik Air Base (0.005 kW) - 24 in English

### SOUTH ASIA

**INDIA - Akashvani**, Bhopal, Madhya Pradesh (10 kW)

### REST OF ASIA (transmitters of 50 kW and over)

**CHINA - CNR-1**, Changzhou, Jiangsu (400 kW) - 2025-2330 & 1000-1805 in Chinese

## 1602 kHz

### BRITISH ISLES

**ENGLAND - Desi Radio**, Southall, London (0.15 kW) - 24h: Punjabi (CR)

### EUROPE

**FINLAND - Scandinavian Weekend Radio**, Virrat (0.4 kW) - Remaining dates of operation for 2023 (starting at 2100 UTC on these dates): 6 October, 3 November and 1 December.

**NETHERLANDS - Radio Flandria**, Hemelum, Friesland (0.1 kW) - 24h in Dutch

**ITALY - Radio a Colori**, Bologna, BO, Emilia Romagna (0.07 kW) - Italian

**ITALY - Radio Jeans**, Savona, SV, Liguria (0.1 kW) - Italian

**LATVIA - Radio Centrs**, Riga (1.25 kW) - 24h in Russian and English

**POLAND - Radio AM**, Kraków, Lesser Poland (0.8 kW) - 24h: Polish, local prgrs and relay Twoje Radio AM

**ROMANIA - Radio Vocea Sperantei**, Piatra Neamt, Neamț (1 kW) - 24h: Romanian

**ROMANIA - ALT FM**, Arad, Arad (1 kW) - 24h in Romanian

**SERBIA - Radio Beograd 1**, Sjenica, Šumadija and Western Serbia (0.5 kW) - 24h in Serbian

**SPAIN - SER, Radio Cartagena**, Cartagena, Murcia (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Linares**, Linares, Andalusia (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Onteniente**, Onteniente, Valencian (5 kW) - 24h in Spanish

**SPAIN - SER, Radio Segovia**, Segovia, Castile and León (5 kW) - 24h in Spanish

### THE ARAB WORLD

**EGYPT - NMA, South Upper Egypt Radio**, Nag Hamadi, Qena Governorate (10 kW) - Arabic

**EGYPT - NMA, Matruh Radio**, Siwa, Matruh Governorate (10 kW) - Arabic

**SUDAN - South Kordufan State Radio**, Kaduqli, South Kordufan State (5 kW) - current status unconfirmed

### WEST ASIA

**IRAN - IRIB, Radio Semnan**, Damghan, Semnan Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Semnan**, Garmsar, Semnan Province (10 kW) - 24h in Persian

**IRAN - IRIB, Radio Dezful**, Dezful, Khuzestan Province (10 kW) - 24h in Persian & Arabic

**IRAN - IRIB, Radio Yazd**, Bahabad, Yazd Province (1 kW) - 24h in Persian

### SOUTH ASIA

**INDIA - Akashvani**, Diskit, Jammu & Kashmir (1 kW)

**INDIA - Akashvani**, Pauri, Uttarakhand (1 kW)

**INDIA - Akashvani**, Pithoragarh, Uttarakhand (1 kW)

**INDIA - Akashvani**, Saiha, Mizoram (1 kW)

**INDIA - Akashvani**, Tiersuru, Jammu & Kashmir (1 kW)

**INDIA - Akashvani**, Tuensang, Nagaland (1 kW)

**INDIA - Akashvani**, Uttarkashi, Uttarakhand (1 kW)  
**INDIA - Akashvani**, William Nagar, Meghalaya (1 kW)  
**INDIA - Akashvani**, Ziro, Arunachal Pradesh (1 kW)

## 1611 kHz

### **EUROPE**

**NORWAY - Radio Northern Star**, Ergan (0.4 kW) - 1800-2300 (evenings only at present)

## 1611 kHz and above

Many unlicensed stations operate on 1611 kHz and above. Here in the British Isles we are most familiar with Dutch pirates, but Greek and Serbian pirates, amongst others, are also predominant elsewhere in Europe.