

CP5-VUC-KZRM-I2RO-T1TR-TGW-HBQ-PSK-J1AA-CNR-SR1-PRBA-PCJ-HBL-XETE-EAQ-FYA-RNE-CT3AQ-W1XAL-PLF-
W8XK-ST1AA-CM6X-T14NRH-W3XAU-HCJB-RV15-C6XR-OK1MPT-PMY-VK3LR-XDA-HVJ-XCOX-HIX-YO1-EA125-VS2AB-CMDC-VE9DN-HRB-DJC

ATWATER KENT

WORLD-WIDE RADIO STATION DIRECTORY

STANDARD BROADCAST

—

DOMESTIC AND FOREIGN
SHORT-WAVE

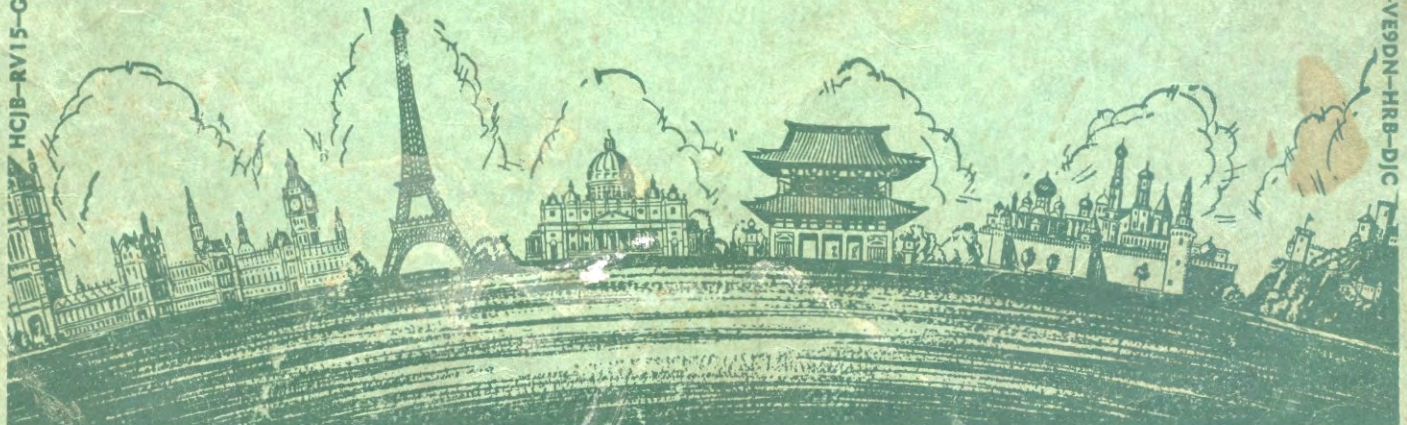
—

POLICE CALLS

Hiny's Radio Shop

Holden Block

TEL: 882-W WEBSTER, MASS.

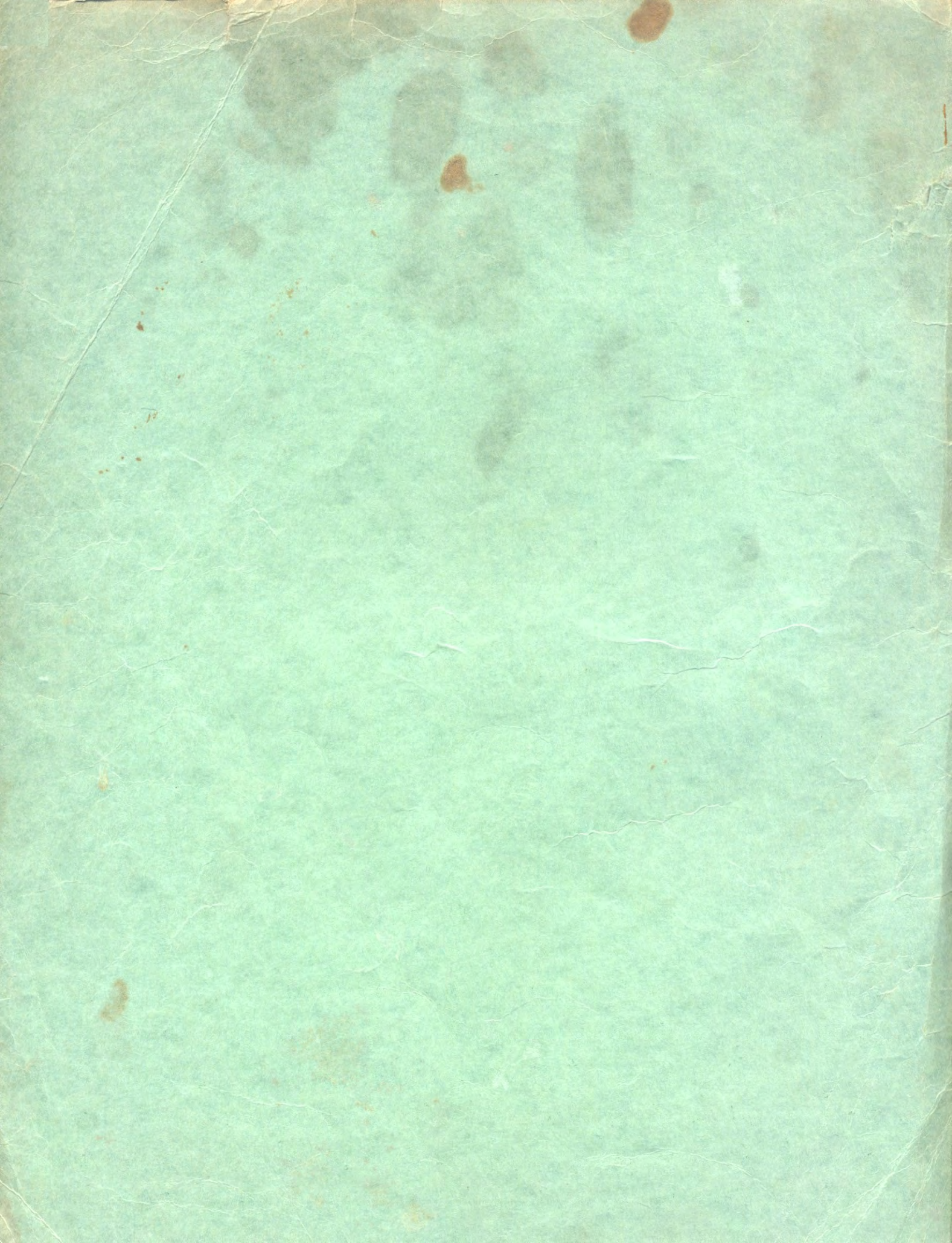


PRICE, TEN CENTS

Printed in U. S. A.

HCJB-RV15-C6XR-OK1MPT-PMY-VK3LR-XDA-HVJ-XCOX-HIX-YO1-EA125-VS2AB-CMDC-VE9DN-HRB-DJC

W8XK-ST1AA-CM6X-T14NRH-W3XAU-HCJB-RV15-C6XR-OK1MPT-PMY-VK3LR-XDA-HVJ-XCOX-HIX-YO1-EA125-VS2AB-CMDC-VE9DN-HRB-DJC



RADIO RECEPTION—Past - - Present - - Future - -

1

A Review and a Forecast written with the thought of being helpful to the hundreds of thousands of persons now contemplating the purchase of a new Radio Receiver

Those interested in what was then the new science of "wireless" speech transmission will never forget the thrill when, back in the early twenties, they first heard through earphones the faint voice of KDKA of Pittsburgh, Pennsylvania. In those days broadcasting was in its infancy. Except from the standpoint of novelty it offered little as an inducement to arouse and maintain public interest.

Slowly but surely, however, reception improved. Manufacturers produced better receivers. Equally important, transmitting engineers built more powerful sending apparatus, while broadcast studio directors raised the standard of programs. Finally there came a day when the listener sitting at his set in the early morning hours could, from his home on the Eastern seaboard, hear the call of Los Angeles. But months, even years, passed before really satisfactory transcontinental reception became commonplace.

TODAY—with a good radio, you are but a fraction of a second removed from any one of the major cities of the United States. Reception is true and clear. The finest in entertainment is yours for the asking. All of this is, of course, now taken for granted—

BUT—What about the rest of the World?

Only a few years ago, English broadcast stations were organized in a concerted effort throughout one entire night to try to transmit their signals to American listeners. Enthusiastic radio fans in the United States put up special aerials, bought new tubes, renewed their batteries. Then, with earphones clamped to ears they sat up until dawn hoping almost against hope that they might be fortunate enough to hear the voice of "Johnny Bull" from across the Atlantic. Sad to record, the broadcast was, generally speaking, a failure.

Time marches on and we find European stations using SHORT WAVES beginning to seep through, although only on rare occasions and then with a quality of signal which rendered the broadcasts of little entertainment value.

TODAY, however, foreign reception via the short waves has improved immensely, even when compared with the results of only a year ago. Modern Short Wave receivers have advanced rapidly. Automatic volume control, the utilization of ultra-sensitive, "low loss" superheterodyne receivers and other technical features have made reception over extreme distances not only possible, but decidedly pleasurable. Coupled with these improvements have been great technical advances at the transmitting end. High-powered Short Wave transmitters are now being used by many foreign stations and their hours of broadcasting and wave lengths arranged so as to provide the finest results to listeners in far-distant lands.

And so, TODAY, it is possible, given a GOOD RECEIVER correctly installed, to listen to a great number of foreign broadcasts. You can hear them clearly, with surprising volume and with a minimum of "background" noise. No longer is there any occasion to confine your radio listening to the broadcasts of your own country.

Bear in mind that, if your present receiver is not a straight Short Wave instrument or a combination Broadcast and Short Wave Radio such as the new Atwater Kent All Wave Models, you have never heard a broadcast on a wave length much below 200 meters. Any foreign programs you have heard have been those which are occasionally relayed by American stations. The signals of practically all distant foreign countries are sent out on wave bands as low as 15 meters, and to

receive them direct a specially designed radio of this type is necessary.

Short Wave signals have the faculty of covering tremendous distances. Also, unlike signals on the regular broadcast band, they are heard just as well in daytime as they are during the hours of darkness. Many American stations to which you listen regularly broadcast the same programs simultaneously on Short as well as Long Waves. Thus, when weather conditions interfere with good reception on the regular broadcast band or when daylight conditions make long distance reception difficult, you can switch to Short Wave reception and hear many of the desired programs with surprise ease and clarity.

Thus, the combination Long and Short Wave Set—the All-Wave Radio—is unquestionably the receiver of the future. But such a radio must be designed with unusual care. It must be ultra-sensitive, highly selective and so assembled and constructed that the tuning will be as easy as possible and accurate. Short Wave signals come to you with but little power. They must be located carefully on the dial, then amplified millions of times. For this reason, radio construction which might be entirely satisfactory for regular American broadcasts on Long Waves might well be entirely useless for Short Wave work. Precision and still more precision is the order of the day.

LOOK INSIDE!

It isn't necessary to be a radio engineer to recognize the superiority of Atwater Kent workmanship. Simply look at the chassis. You may not understand the technical advantages of the powerful superheterodyne circuit or the nicety of the adjustment which provides genuinely efficient all wave reception. But one thing is certain: **You'll know good workmanship when you see it.**

Note the finished appearance of every part—even those hidden away where they are hard to see. Note the self-evident quality of materials and the sturdy construction methods by which they are assembled. In short, note the attention paid to every mechanical detail—then think what watchmaker precision workmanship of this sort will mean to you in terms of years of the finest, trouble-free radio entertainment.

Atwater Kent All Wave components represent the most modern construction, design and accurate workmanship. The following quotation is taken from one of many hundreds of unsolicited letters:

"We have been using for several weeks now, the new Atwater Kent All Wave Model. We can only say that this radio is in a class by itself.

"Only this morning we listened to VK3ME of Melbourne, Australia. The reception was grand. There was no fading and very little static.

"We listen to Germany, London, Paris and Spain whenever they broadcast and find that reception is grand 90% of the time."

The Atwater Kent Manufacturing Company does NOT believe in the exaggerated claims set forth by many makers of short wave receiving apparatus. Short wave reception over extreme distances is NOT YET 100 PER CENT. RELIABLE, and to achieve the best results possible the exercise of care and patience in tuning is essential. However, we do say that TODAY, WITH AN ATWATER KENT, you can really enjoy a great many foreign broadcasts. You will find many daily features from all over the world which will entrance you. You can listen regularly to English news commentators. You will become almost as familiar with the voices of foreign officials as you are with the voice of our own President. You may listen to the opera from Paris or Berlin—to a tango orchestra from South America—to the chimes of the town hall in Copenhagen or to the weird cry of the Kookaburra bird which is used as an identification signature by a popular Australian station.

Such features as these are yours at the turn of a dial of an Atwater Kent All Wave Radio—a lasting investment in years of carefree radio enjoyment. Remember also, that the rapid improvements being made in short wave broadcasting itself are tending to insure even better reception as well as reception over even greater distances. This means that the All Wave Receiver you purchase today will become even more fascinating, more useful as time goes on. As always, it pays to buy the best—and in ALL WAVE RADIO capable of receiving both long and short wave broadcasts, that means an ATWATER KENT.

ATWATER KENT RADIO

Listening In with an Atwater Kent All Wave Radio

STANDARD BROADCASTS

(540 to 1500 Kilocycles, or 54 to 150 on Atwater Kent Dial)

The invaluable features of entertainment, information and education provided by standard broadcast stations are now greatly increased by the thrill and variety afforded in foreign short wave broadcasts.

If you seek variety, simply switch to short waves, and a new world of entertainment is at your command.

SHORT WAVE BROADCASTS

(Foreign and Domestic)

The principal short wave broadcast stations operate at two or more different frequencies, using the higher frequencies during day, and the lower frequencies after dark. This is done because the higher frequencies are transmitted best during daytime, and the lower frequencies are transmitted best after dark.

It is very difficult to receive long distance in daytime on standard broadcast, but short waves (high frequencies) are just the opposite, and afford good reception in daytime.

There are hundreds of foreign short wave broadcast stations, and we have listed the principal ones in this directory for your convenience.

The most reliable foreign stations include:

Daventry (London), England,
Zeeseu (Berlin), Germany,
Pontoise (Paris), France,
Madrid, Spain,
Rome, Italy,

and numerous South American stations.

United States and Canadian short wave broadcast stations are used to relay the programs of standard broadcast stations. In daytime you can frequently receive the programs of certain distant broadcast stations better on short waves than on the standard broadcast waves.

AMATEUR PHONE STATIONS

(1.8 to 2.0, 3.9 to 4 and 14.15 to 14.25 megacycles)

Amateur radio transmission is a fascinating hobby for thousands of persons all over the world. Amateurs are given credit for much of the development in the use of short waves.

With several thousand amateur stations in operation, the amateur bands are naturally crowded and interference is to be expected. You may hear several amateur stations at one point on the dial without turning the knob.

You will generally hear only one side of an amateur conversation, unless you locate both stations and then tune back and forth from one to the other.

Amateurs employ a language of their own: When you hear an amateur "calling CQ," it means a general call for any other amateur to answer. "73" means "best regards." "QSA" indicates strength of reception. "QRN" means interference in reception. "Modulation" refers to the tone quality.

Amateur phone stations operate at all hours of the day and night and usually give their locations as well as the call letters.

POLICE RADIO STATIONS

(1.6 to 1.7 and 2.4 to 2.5 megacycles)

Police radio calls, ranging all the way from reports of noisy parties to robbery and murder, provide a constant source of interest.

Police radio stations are crowded in two narrow frequency bands and for this reason you may hear several police stations at one point on the dial without turning the knob.

Police announcers frequently give only the call letters and omit the name of the city, so we have arranged the list of police stations on page 16 alphabetically by call letters, as this will enable you to find the location of the station as soon as you hear the call letters.

AIRCRAFT RADIO

(2.3 to 3.5 and 4.1 to 5.7 megacycles)

Contact is maintained between airplanes and airports by means of short wave radio-phone transmitters. Weather reports, landing conditions and other vital information is passed along without delay to ensure the safety of passenger and mail planes.

At times you can hear both sides of an airplane-to-airport conversation. At other times you may hear airports in several different cities operating at the same point on the dial.

Aircraft reports are usually very brief.

SHIP STATIONS AND EXPERIMENTAL PHONE STATIONS

Some of the larger passenger ships operate radio-phone service on the following frequencies: 2.3, 4.2, 7.6, 8.8, 11.2, 11.5, 11.7, 13.2 and 17.6 megacycles approximately.

Experimental and commercial phone stations are not listed in this directory. These stations will be found at various points on the short wave scale outside of the regular short wave broadcast bands. In many cases the speech is electrically "garbled" to preserve secrecy, and usually only one side of the conversation can be heard.

CODE (DOT-DASH) STATIONS

You will find code stations all over the short wave ranges, but seldom in the bands that are reserved for short wave broadcast stations.

The sound of code stations varies from faint chirping, whistling, or buzzing, to strong clicking or thumping. You will note the slow dot-dashes of an amateur beginner, and the staccato dot-dashes of high-speed commercial code stations.

Television transmitters sound like high-speed code stations. Television is still in the experimental stage and special equipment is required for its reproduction.

Do not mistake code stations for electrical interference. Code stations can be tuned in or out with a slight movement of the tuning knob, while electrical interference usually spreads over an appreciable section of the dial.

HARMONICS OF LOCAL BROADCAST STATIONS

When you strike the key of a piano, you hear not only its fundamental tone, but also overtones, or higher frequencies than the fundamental. In the same way, a radio station sends out its fundamental frequency and also harmonics which are multiples (1, 2, 3, 4, etc., times the fundamental). The power sent out in these harmonics is limited by law to a low value, but if you live near a broadcast station, you may hear one or more of these harmonics on the short wave scale. For instance, if you have a local station at 1500 kilocycles (1.5 megacycles), you may hear its harmonics at 3.0, 4.5 or 6.0 megacycles, etc., but with greatly diminished volume.

CUBAN BROADCASTING STATIONS

Cuba is not included in the list of broadcast stations in this directory, but we are listing the more important Cuban stations below:

Call Letters	Kilocycles	Location	Power Watts
CMAE	680	Havana, Cuba	500
CMBG	1070	Havana, Cuba	225
CMC	840	Havana, Cuba	500
CMCD	1140	Havana, Cuba	250
CMCQ	780	Havana, Cuba	1000
CMCY	1320	Havana, Cuba	500
CMJF	930	Camaguey, Cuba	200
CMK	730	Havana, Cuba	3100
CMW	590	Havana, Cuba	1400
CMX	890	Havana, Cuba	1000

ATWATER KENT RADIO

BROADCASTS FROM BYRD ANTARCTIC EXPEDITION

(Byrd station KFZ, 9.52, 11.83, or 15.27 megacycles, relayed through Buenos Aires, LSX, 10.35 megacycles.)

A report from the Byrd antarctic expedition is transmitted every Saturday night from the Byrd short wave station KFZ at Little America. The report from KFZ is picked up in Buenos Aires and relayed by station LSX to New York, where it is distributed over telephone lines and re-broadcast by the Columbia chain of broadcast stations.

It is seldom possible to pick up the broadcast direct from KFZ, but the relay station LSX may usually be received.

Briefly, there are four principal "international" short wave broadcast bands, in each of which you will find numerous European, South American, United States, and Canadian short wave broadcast stations. These four bands will be found at the following sections on the dial:

WHERE TO TUNE

- The 6-megacycle band at approximately 6.0 to 6.5 megacycles.
- The 10-megacycle band at approximately 9.5 to 10.0 megacycles.
- The 12-megacycle band at approximately 11.5 to 12.0 megacycles.
- The 15-megacycle band at approximately 15.0 to 15.5 megacycles.

WHEN TO TUNE

The best time to tune on these four bands is as follows:
 In early morning and daytime, tune very slowly at the 10, 12 and 15 megacycle bands.
 In the afternoon and night, tune slowly at the 6 and 10 megacycle bands.
 Remember the difference in time; when it is 8 P. M. in New York, it is 1 A. M. in London. At this hour most of the European stations have signed off, but numerous South American stations are still operating.
 Do not expect to receive a foreign short wave station merely because it is scheduled to be in operation. Reception conditions and local interference are a determining factor in deciding what stations you can hear at any particular time.

HOW TO TUNE

It is essential to tune very slowly and carefully over the short wave bands. An almost imperceptible movement of the tuning knob is sufficient to pass through a weak short wave station. In many cases you will find short wave stations spaced less than a hair line apart on the dial, but by careful tuning, you can, with your Atwater Kent, usually tune each station separately.
 Do not neglect weak stations, as these may frequently be brought in with good volume by more careful tuning.
 On weak distant stations, there is a slight "hiss" on each side of the station. This is more evident if the tone control is turned to the right-hand position. Tune to the quiet point between the hissing sounds, as this point provides the best reception. This hissing sound is frequently of assistance in locating stations that are turned "on" but not operating at the moment.
 Do not expect the dial markings to be 100 per cent. correct. For instance, station EAQ in Madrid, Spain, operates at exactly 10.0 megacycles, but on your set it may come in slightly to the right or to the left of the 10.0 megacycle mark. This is true of any stations on the short wave scales. If you are a distance (DX) fan, you will find that it is a big help to mark down the actual dial positions for different frequencies. This will assist you in tuning and identifying stations of known frequency.

STATION POWER

The higher the power of a distant station, the more chance you have of receiving it clearly and consistently. It is therefore helpful in tuning for foreign stations to know their power rating. Such data is given, wherever possible, in the short wave station lists on pages 5 and 7.
 Power is listed in watts or kilowatts. One kilowatt equals 1000 watts.

When you consider that an ordinary household pressing iron consumes 500 watts or ½ kilowatt, and that most foreign stations are rated at less than 20 kilowatts, you will marvel that it is possible to span the world with such low power.

ELECTRICAL INTERFERENCE

Electrical interference, originating from motors, street cars, automobile ignition systems, etc., is more pronounced on short waves than on the standard broadcast waves. Automobile ignition noise is generally strongest at about 12 megacycles and higher.
 Naturally, if your short wave receiver is powerful enough to receive weak foreign stations, it will also pick up any electrical interference that is present in the neighborhood.
 If you live in a good radio location (comparatively free from electrical interference) you will enjoy good reception from foreign stations.

If you live in a poor radio location, close to street cars, electric signs, etc., your neighborhood interference may be severe enough to interfere with reception of all or most foreign stations, even though regular broadcast reception may be satisfactory.

- In the latter case, you have two possible remedies:
1. Rearrange your antenna and lead-in so they will be removed from the source of noise.
 2. Have your household electrical equipment checked over by a radio expert who can install suitable filters to minimize noise from these sources.

STATION IDENTIFICATIONS

One of the questions that will occur to you when you first tune a short wave set, is "How will I be able to identify these foreign stations?"

- Fortunately, most foreign short wave stations announce in several languages, including English. Numerous stations have characteristic signatures, the more important of which are listed below:
- DJA, DJB, etc.—Zeesen, Germany. Signs in English, Spanish and German. Plays characteristic eight-bar chime selection during intermission.
 - EAQ—Madrid, Spain (10.0 megacycles). Signs in English.
 - FYA—Pontoise, France (11.705, 11.905, 15.240 megacycles). Plays "Marseillaise" at start and close of program. "Hello, hello, ici Paris, Radio-Coloniale, 103 Rue de Grenelle."
 - GSA, GSB, etc.—Daventry, England. Announces "London calling." Plays "God Save the King," and gives Big Ben chimes on the hour.
 - HVJ—Vatican City (5.970 and 15.120 megacycles). Announces "Pronto, pronto, Radio Vaticano."
 - I2RO—Rome, Italy (6.220 and 11.810 megacycles). Lady announcer, "Radio Roma" or "Radio Roma Napoli."
 - OXY—Skamleback, Denmark (6.090 and 9.520 megacycles). Broadcasts midnight chimes at 6 P. M. (E. S. T.)
 - PRADO—Riobamba, Ecuador (6.620 megacycles). Announces "Estacion El Prado, Rio Bamba, Ecuador."
 - RV59—Moscow, U. S. S. R. (6.0 megacycles). Broadcasts midnight chimes from the Kremlin at 5 P. M. (E. S. T.)
 - SR1—Poznan, Poland (9.49 and 9.57 megacycles). Announces "Hello, hello, Polski Radjo-Poznan."
 - TI4NRH—Heredia, Costa Rica (9.670 and 15.075 megacycles). Bugle call or tic-tac between selections.
 - VK2ME—Australia (9.590 megacycles). Laughing notes of the Kookaburra bird open and close program.

FREQUENCY AND WAVE LENGTH

Radio waves, like waves of light, travel at a *speed* of approximately 186,000 miles (300,000 kilometers) a second.
 Radio stations operate at different frequencies which are expressed in either *kilocycles* or *megacycles* per second.
 One *kilocycle* equals 1000 cycles.
 One *megacycle* equals 1000 kilocycles.
 These two terms are used to avoid large figures, just as you measure in inches, feet or miles. It is easier to say 6 megacycles than 6000 kilocycles, and they both mean the same thing, because one megacycle equals 1000 kilocycles.
Wave length in meters is a term that is commonly used instead of frequency.

Converting Frequency to Wave Length

- 300,000 divided by frequency in *kilocycles* equals wave length in meters,
- or
- 300 divided by the frequency in *megacycles* equals the wave length in meters.

Converting Wave Length to Frequency

- 300,000 divided by wave length in meters equals frequency in *kilocycles*,
 - or
 - 300 divided by wave length in meters equals frequency in *megacycles*.
- In listing short wave stations in this directory, we give, for your convenience, both the frequency in megacycles and the wave length in meters. Also note that in these lists, megacycles may be converted to kilocycles by simply changing the decimal point to a comma. For example, 17.770 megacycles represents 17,770 kilocycles.

4 PROGRAM TIME SCHEDULE FOR SOME OF THE PRINCIPAL SHORT-WAVE BROADCAST STATIONS

[The program time schedule of short-wave stations is subject to change,
and for this reason the following table is intended only as a general guide.]

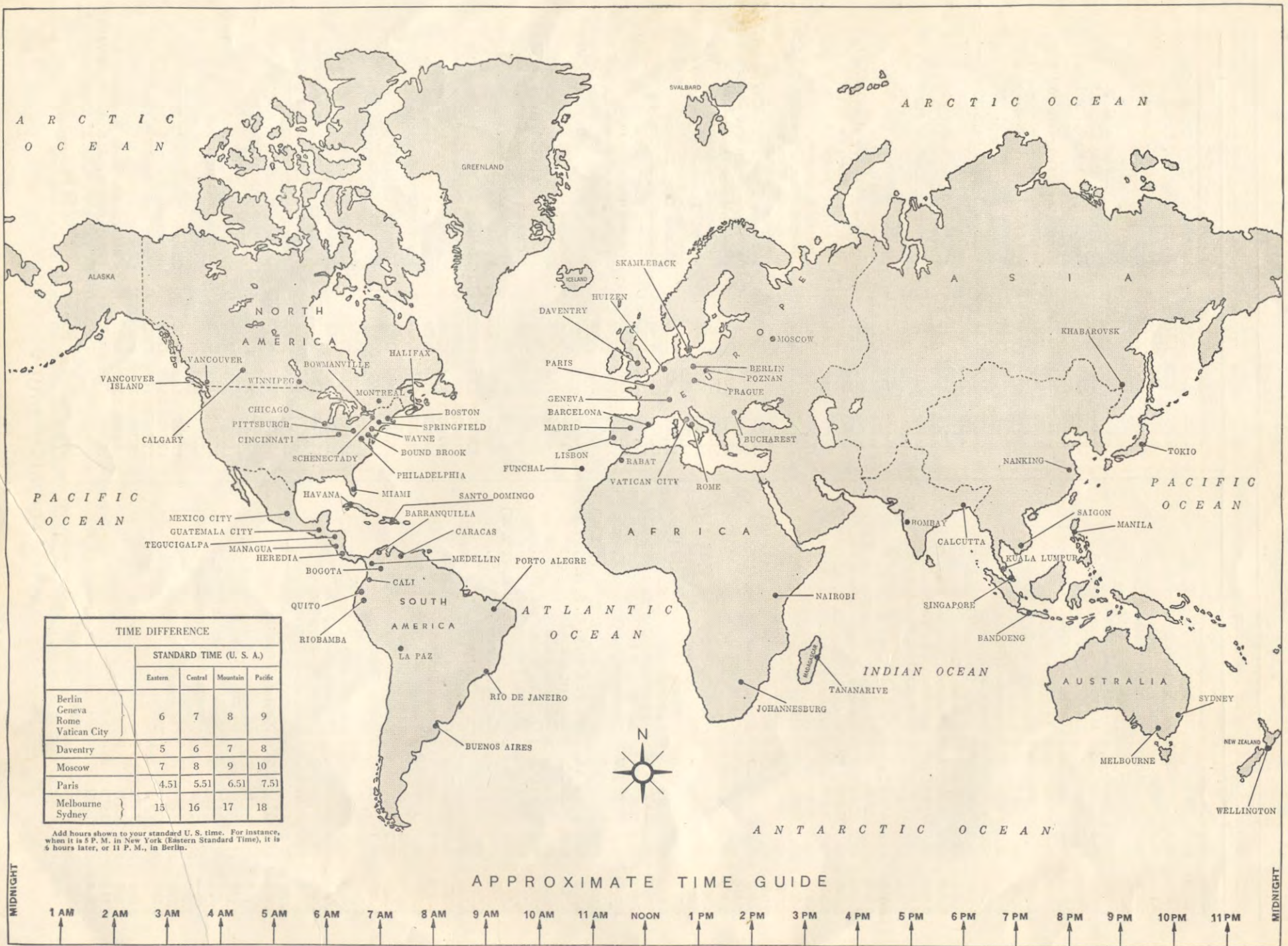
Location	Call Letters	Megacycles	Meters	Eastern Standard Time*
AUSTRALIA				
Sydney	VK2ME	9.590	31.3	1—2 A. M. 3—8:30 A. M. 10:30—11:30 A. M. } Sundays
Melbourne	VK3ME	9.510	31.6	5 A. M.—6:30 A. M. (Wednesdays and Saturdays)
DENMARK				
Copenhagen	OXY	6.090	49.2	2 P. M.—6 P. M.
ENGLAND				
Daventry	GSA	6.050	49.6	6 P. M.—8 P. M.
	GSB	9.510	31.6	11:30 A. M.—12:30 P. M. 1 P. M.—5:30 P. M. 6 P. M.—8 P. M.
	GSC	9.585	31.3	6 A. M.—8 A. M.
	GSD	11.750	25.5	1 A. M.—3 A. M. 1 P. M.—5:30 P. M. 6 P. M.—8 P. M.
	GSE	11.865	25.3	9:30 A. M.—12:30 P. M.
	GSF	15.140	19.8	1 A. M.—3 A. M. 6 A. M.—8 A. M. 3 P. M.—5:30 P. M. 8:30 A. M.—11:30 A. M.
	GSG	17.770	16.9	6 A. M.—8 A. M. 10:30 A. M.—12:30 P. M.
FRANCE				
Pontoise	FYA	15.240	19.7	8 A. M.—11 A. M.
	FYA	11.905	25.2	11:15 A. M.—12:45 P. M.
	FYA	11.705	25.6	3 P. M.—5 P. M. 6 P. M.—10:30 P. M.
GERMANY				
Zeeseen	DJA	9.560	31.4	5 P. M.—9 P. M.
	DJB	15.200	19.7	10 A. M.—4:30 P. M.
	DJC	6.020	49.8	7 P. M.—11:30 P. M.
	DJD	11.760	25.5	1:30 A. M.—7 P. M.
HOLLAND				
Huizen	PHI	17.775	16.9	8 A. M.—9:30 A. M.
ITALY				
Rome	I2RO	11.810	25.4	11:30 A. M.—12:30 P. M. 1:15 P. M.—6 P. M.
MOROCCO				
Rabat	CNR	12.830	23.4	7:30 A. M.—9 A. M. (Sundays)
MEXICO				
Mexico City	XETE	9.600	31.2	7 P. M.—11 P. M.
RUSSIA				
Moscow	RV59	6.000	50.0	3 P. M.—5 P. M.
SPAIN				
Madrid	EAQ	10.000	30.0	5:30 P. M.—7 P. M.
SOUTH AMERICA				
Bolivia	CP5	6.080	49.3	6:30 P. M.—8 P. M. 9 P. M.—11:30 P. M.
Riobamba	PRADO	6.620	45.3	9 P. M.—11 P. M. (Thursdays)
Bogota	HJ3ABF	6.250	48.0	7 P. M.—11 P. M.
Caracas	YV3BC	6.130	48.9	4:30 P. M.—9:30 P. M.
Barranquilla	HJ1ABB	6.450	46.5	6 P. M.—10 P. M.
SWITZERLAND				
Geneva	HBL	9.595	31.3	5:30 P. M.—6:15 P. M. (Saturdays)
VATICAN STATE				
Vatican City	HVJ	15.120	19.8	5 A. M.—5:15 A. M.

* Subtract 1 hour for Central standard time, 2 hours for Mountain time, and 3 hours for Pacific time.

PRINCIPAL SHORT-WAVE BROADCAST STATIONS OF THE WORLD
ARRANGED BY MEGACYCLES (DIAL POSITIONS)

Mega-cycles*	Meters	Call Letters	Location	Mega-cycles*	Meters	Call Letters	Location
4.110	73.0	HCJB	Quito, Ecuador	8.650	34.7	VE9BY	London, Ontario, Canada
4.270	70.4	RV15	Khabarovsk, U. S. S. R.	8.955	33.5	TGX	Guatemala City, Guatemala
5.145	58.3	OK1MPT	Prague, Czechoslovakia	9.300	32.3	CNR	Rabat, Morocco, Africa
5.170	58.0	PMY	Bandoeng, Java	9.490	31.6	SR1	Poznan, Poland
5.690	52.7	FIQA	Tananarive, Madagascar	9.500	31.6	XGOX	Nanking, China
5.710	52.5	HCJB	Quito, Ecuador	9.500	31.6	PRBA	Rio de Janeiro
5.800	51.7	VK3LR	Victoria, Australia	9.510	31.6	YV3BC	Caracas, Venezuela, S. A.
5.860	51.2	HJ4ABE	Medellin, Colombia, S. A.	9.510	31.6	VK3ME	Melbourne, Australia (2.5 KW)
5.860	51.2	XDA	Mexico City, Mexico	9.510	31.6	GSB	Daventry, England (20 KW)
5.880	51.0	HJ2ABA	Tunja, Colombia, S. A.	9.520	31.5	KFZ	Little America (Byrd)
5.970	50.3	HVJ	Vatican City	9.520	31.5	OXY	Skamleback, Denmark (0.5 KW)
6.000	50.0	RV59	Moscow, U. S. S. R.	9.530	31.5	YNA	Managua, Nicaragua (1 KW)
6.000	50.0	HIX	Santo Domingo, D. R.	9.530	31.5	W2XAF	Sche'dy, N. Y., U. S. A. (40 KW)
6.000	50.0	YO1	Bucharest, Roumania	9.560	31.4	DJA	Zeesen, Germany (5 KW)
6.000	50.0	EAJ25	Barcelona, Spain	9.570	31.4	KZRM	Manila, P. I. (6 KW)
6.000	50.0	VS2AB	Kuala Lumpur, Malay	9.570	31.4	SR1	Poznan, Poland (0.75 KW)
6.005	50.0	CMDC	Havana, Cuba	9.570	31.4	W1XAZ	Sp'g't'd, Mass., U. S. A. (10 KW)
6.005	50.0	VE9DN	Montreal, Quebec, Can. (2 KW)	9.570	31.4	W8XK	Pittsb'gh, Pa., U. S. A. (40 KW)
6.005	50.0	VE9DR	Montreal, Quebec, Canada	9.585	31.3	GSC	Daventry, England (20 KW)
6.005	50.0	HRB	Tegucigalpa, Hond. (1/3 KW)	9.590	31.3	PCJ	Hilversum, Holland (12 KW)
6.020	49.8	DJC	Zeesen, Germany (5KW)	9.590	31.3	W3XAU	Phila., Pa., U. S. A. (1 KW)
6.030	49.8	VE9CA	Calgary, Canada	9.590	31.3	VK2ME	Sydney, Australia (12 KW)
6.035	49.7	YNA	Managua, Nicaragua (1 KW)	9.590	31.3	CT1AA	Lisbon, Portugal
6.040	49.7	CMCI	Havana, Cuba	9.595	31.3	HBL	Geneva, Switzerland (20 KW)
6.040	49.7	W1XAL	Boston, Mass., U. S. A. (5 KW)	9.600	31.2	XETE	Mexico City, D. F.
6.040	49.7	W4XB	Miami, Fla., U. S. A. (2.5 KW)	9.670	31.0	TI4NRH	Heredia, Costa Rica
6.050	49.6	VE9CF	Halifax, Nova Scotia	10.000	30.0	EAQ	Madrid, Spain
6.050	49.6	GSA	Daventry, England (20 KW)	10.350	29.0	LSX	Buenos Aires, Argentina, S. A.
6.060	49.5	W3XAU	Phila., Pa., U. S. A. (1 KW)	11.180	26.8	CT3AQ	Funchal, Madeira
6.060	49.5	ZL2XZ	Wellington, N. Z. (0.18 KW)	11.705	25.6	FYA	Pontoise, France (12 KW)
6.060	49.5	VQ7LO	Nairobi, East Africa (1.25 KW)	11.720	25.6	VE9JR	Winnipeg, Manitoba, Canada
6.060	49.5	W8XAL	Cincinnati, O., U. S. A. (10 KW)	11.730	25.6	PHI	Huizen, Holland (20 KW)
6.070	49.4	VE9CS	Vancouver, Canada	11.740	25.5	HRB	Tegucigalpa, Hond. (1/3 KW)
6.072	49.4	UOR2	Vienna, Austria (0.2 KW)	11.750	25.5	GSD	Daventry, England (20 KW)
6.073	49.4	ZTJ	Johannesburg, S. Africa (15 KW)	11.760	25.5	DJD	Zeesen, Germany (5 KW)
6.080	49.3	W9XAA	Chicago, Ill., U. S. A. (1/2 KW)	11.760	25.5	XDA	Mexico City, Mexico
6.080	49.3	CP5	LaPaz, Bolivia, S. A.	11.780	25.5	VE9DR	Montreal, Que., Can. (6 KW)
6.090	49.2	OXY	Skamleback, Denmark (0.5 KW)	11.790	25.5	W1XAL	Boston, Mass., U. S. A. (5 KW)
6.090	49.2	VE9BJ	St. John, New Brunswick	11.810	25.4	I2RO	Rome, Italy (9 KW)
6.095	49.2	VE9GW	Bowmanville, Ontario, Canada	11.820	25.4	PRAA	Rio de Janeiro, Brazil (1 KW)
6.100	49.2	W9XF	Chicago, Ill., U. S. A. (5 KW)	11.830	25.4	KFZ	Little America (Byrd)
6.100	49.2	W3XAL	B'd Br'k, N. J., U. S. A. (35 KW)	11.830	25.4	W2XE	Wayne, N. J., U. S. A. (1 KW)
6.110	49.1	VE9CG	Calgary, Canada	11.840	25.3	KZRM	Manila, P. I. (6 KW)
6.110	49.1	VUC	Calcutta, India	11.865	25.3	GSE	Daventry, England (20 KW)
6.110	49.1	YV1BC	Caracas, Venezuela, S. A.	11.870	25.3	W8XK	Pittsb'gh, Pa., U. S. A. (40 KW)
6.120	49.0	F3CID	Saigon, French Indo-China	11.895	25.2	VE9DN	Montreal, Quebec, Can. (2 KW)
6.120	49.0	W2XE	Wayne, N. J., U. S. A. (1 KW)	11.900	25.2	XGOX	Nanking, China
6.130	48.9	YV3BC	Caracas, Venezuela, S. A.	11.905	25.2	FYA	Pontoise, France
6.140	48.8	KZRM	Manila, P. I. (6 KW)	12.000	25.2	RNE	Moscow, U. S. S. R.
6.140	48.8	W8XK	Pittsb'gh, Pa., U. S. A. (40 KW)	12.030	24.9	HBO	Geneva, Switzerland
6.180	48.5	TGW	Guatemala City, Guatemala	12.830	23.4	CNR	Rabat, Morocco, Africa
6.220	48.2	I2RO	Rome, Italy	13.950	21.5	YO1	Bucharest, Roumania
6.250	48.0	HJ3ABF	Bogota, Colombia, S. A.	14.630	20.5	XDA	Mexico City, Mexico
6.270	47.8	HI1A	Santo Domingo, D. R.	15.010	20.0	CM6XJ	Havana, Cuba
6.320	47.5	T1TR	San Jose, Costa Rica	15.075	19.9	TI4NRH	Heredia, Costa Rica
6.380	47.3	HC1DR	Quito, Ecuador	15.120	19.8	HVJ	Vatican City
6.380	47.3	HJ5ABD	Cali, Colombia, S. A.	15.140	19.8	GSF	Daventry, England (15 KW)
6.450	46.5	HJ1ABB	Barranquilla, Colombia, S. A.	15.200	19.7	DJB	Zeesen, Germany (5 KW)
6.610	45.4	RW72	Moscow, U. S. S. R.	15.210	19.7	W8XK	Pittsb'gh, Pa., U. S. A. (40 KW)
6.620	45.3	PRADO	Riobamba, Ecuador	15.220	19.7	PCJ	Hilversum, Holland (12 KW)
6.660	45.0	HC2RL	Guayaquil, Ecuador	15.240	19.7	FYA	Pontoise, France (12 KW)
6.670	45.0	TGW	Guatemala City, Guatemala	15.250	19.7	W1XAL	Boston, Mass., U. S. A. (5 KW)
6.970	43.0	EAR110	Madrid, Spain	15.270	19.7	KFZ	Little America (Byrd)
7.140	42.0	HJ4ABB	Manizales, Colombia, S. A.	15.270	19.7	W2XE	Wayne, N. J., U. S. A. (1 KW)
7.195	41.7	VS1AB	Singapore, Malay States	15.330	19.6	W2XAD	Sche'dy, N. Y., U. S. A. (25 KW)
7.400	40.5	HJ3ABD	Bogota, Colombia, S. A.	15.340	19.6	CT1AA	Lisbon, Portugal
7.443	40.3	HBQ	Geneva, Switzerland	15.490	19.4	J1AA	Tokio, Japan
7.610	39.4	HJ3ABF	Bogota, Colombia, S. A.	17.760	16.9	DJE	Zeesen, Germany (5 KW)
7.790	38.5	HBP	Geneva, Switzerland	17.770	16.9	GSG	Daventry, England (15 KW)
7.880	38.1	J1AA	Tokio, Japan	17.775	16.9	PHI	Huizen, Holland (20 KW)
8.000	37.5	HC2JSB	Guayaquil, Ecuador	17.780	16.9	W9XAA	Chicago, Ill., U. S. A. (1/2 KW)
8.050	37.3	CNR	Rabat, Morocco	17.780	16.9	W9XF	Chicago, Ill., U. S. A. (5 KW)
8.110	37.0	HCJB	Quito, Ecuador	17.780	16.9	W8XK	Pittsb'gh, Pa., U. S. A. (40 KW)
8.190	36.6	PSK	Rio de Janeiro, Brazil	17.780	16.9	W3XAL	B'd Br'k, N. J., U. S. A. (35 KW)
8.450	35.5	PRAG	Porto Alegre, Brazil	18.830	15.9	PLE	Bandoeng, Java

* To convert frequency in megacycles to kilocycles, change the decimal point to a comma. For example, 6.060 megacycles equal 6,060 kilocycles.



	TIME DIFFERENCE			
	STANDARD TIME (U. S. A.)			
	Eastern	Central	Mountain	Pacific
Berlin	6	7	8	9
Geneva	6	7	8	9
Rome	6	7	8	9
Vatican City	6	7	8	9
Daventry	5	6	7	8
Moscow	7	8	9	10
Paris	4.51	5.51	6.51	7.51
Melbourne	15	16	17	18
Sydney	15	16	17	18

Add hours shown to your standard U. S. time. For instance, when it is 5 P. M. in New York (Eastern Standard Time), it is 4 hours later, or 11 P. M., in Berlin.

APPROXIMATE TIME GUIDE

1 AM 2 AM 3 AM 4 AM 5 AM 6 AM 7 AM 8 AM 9 AM 10 AM 11 AM NOON 1 PM 2 PM 3 PM 4 PM 5 PM 6 PM 7 PM 8 PM 9 PM 10 PM 11 PM

MIDNIGHT

MIDNIGHT

ARRANGED ALPHABETICALLY BY CALL LETTERS

Call Letters	Mega-cycles*	Meters	Location	Call Letters	Mega-cycles*	Meters	Location
CMCI	6.040	49.7	Havana, Cuba	PRADO	6.620	45.3	Riobamba, Ecuador, S. A.
CMDC	6.005	50.0		PRAG	8.450	35.5	Porto Alegre
CM6XJ	15.010	20.0		PRBA	9.500	31.6	Rio de Janeiro
CNR	8.050	37.3	Rabat, Morocco, Africa	PSK	8.190	36.6	Rio de Janeiro
CNR	9.300	32.3		RNE	12.000	25.2	Moscow
CNR	12.830	23.4	La Paz, Bolivia, S. A.	RVI5	4.270	70.4	Khabarovsk
CP5	6.080	49.3		RV59	6.000	50.0	Moscow
CT1AA	9.590	31.3	Lisbon, Portugal	RW72	6.610	45.4	Moscow
CT1AA	15.340	19.6		SR1	9.490	31.6	Poznan, Poland (0.75 KW)
CT3AQ	11.180	26.8	Funchal, Madeira	SR1	9.570	31.4	
DJA	9.560	31.4	Zeeseen (Berlin), Germany (5 KW)	TGW	6.180	48.5	Guatemala City, Guatemala
DJB	15.200	19.7		TGW	6.670	45.0	
DJC	6.020	49.8	Barcelona	TGX	8.955	33.5	San Jose
DJD	11.760	25.5		VE9BJ	6.320	47.5	
DJE	17.760	16.9	Madrid	T14NRH	9.670	31.0	Costa Rica
EAJ25	6.000	50.0	Madrid (10 KW)	T14NRH	15.075	19.9	
EAR110	6.970	43.0	Tananarive, Madagascar	UOR2	6.072	49.4	Vienna, Austria (0.2 KW)
EAQ	10.000	30.0	Pontoise (Paris), France (12 KW)	VE9CA	6.090	49.2	St. John, N. B.
FIQA	5.690	52.7		Saigon, French Indo-China	VE9CG	6.030	49.8
FYA	11.705	25.6	Saigon, French Indo-China	VE9CS	6.110	49.1	Calgary
FYA	11.905	25.2		GSA	6.070	49.4	Vancouver
FYA	15.240	19.7	Daventry (London), England (20 KW)	VE9CF	6.050	49.6	Halifax, Nova Scotia
F3CID	6.120	49.0		GSB	6.005	50.0	Montreal, Que (2 KW)
GSA	6.050	49.6	Geneva, Switzerland	VE9DN	11.895	25.2	Montreal, Que (2 KW)
GSD	11.750	25.5		HCJB	6.005	50.0	Montreal, Quebec,
GSE	11.865	25.3	Quito	VE9DR	11.780	25.5	Montreal, Quebec,
GSF	15.140	19.8	Quito	VE9GW	6.095	49.2	Bowmanville, Ontario
GSG	17.770	16.9		Quito	VE9JR	11.720	25.6
HBL	9.595	31.3	Quito	VK2ME	9.590	31.3	Sydney (12 KW)
HBO	12.030	24.9	Quito	VK3LR	5.800	51.7	Victoria
HBP	7.790	38.5	Guayaquil	VK3ME	9.510	31.6	Melbourne (2.5 KW)
HBQ	7.443	40.3	Guayaquil	VQ7LO	6.060	49.5	Nairobi, East Africa (1.25 KW)
HCJB	4.110	73.0	Ecuador, S. A.	VS1AB	7.195	41.7	Singapore, Malay States
HCJB	5.710	52.5		HC1DR	VS2AB	6.000	50.0
HCJB	8.110	37.0	Guayaquil	VUC	6.110	49.1	Calcutta, India
HC1DR	6.380	47.3	Santo Domingo, D. R.	W1XAL	6.040	49.7	Boston, Mass. (5 KW)
HC2JSB	8.000	37.5		HIX	W1XAL	11.790	
HC2RL	6.660	45.0	HJ1ABB	W1XAL	15.250	19.7	Spr'fd, Mass. (10 KW)
HI1A	6.270	47.8	HJ2ABA	W1XAZ	9.570	31.4	
HIX	6.000	50.0	HJ3ABD	W2XAD	15.330	19.6	Schenectady, N. Y.
HJ1ABB	6.450	46.5	Barranquilla	W2XAF	9.530	31.5	(40 KW)
HJ2ABA	5.880	51.0	Tunja	W2XE	6.120	49.0	Wayne, N. J. (1 KW)
HJ3ABD	7.400	40.5	Bogota	W2XE	11.830	25.4	
HJ3ABF	6.250	48.0	Bogota	W2XE	15.270	19.7	Bound Brook, N. J. (35 KW)
HJ3ABF	7.610	39.4	Bogota	W3XAL	6.100	49.2	
HJ4ABB	7.140	42.0	Manizales	W3XAL	17.780	16.9	Philadelphia, Pa. (1 KW)
HJ4ABE	5.860	51.2	Medellin	W3XAU	6.060	49.5	
HJ5ABD	6.380	47.3	Cali	W3XAU	9.590	31.3	Miami, Fla. (2.5 KW)
HRB	6.005	50.0	Tegucigalpa, Hond. (1/3 KW)	W4XB	6.040	49.7	
HRB	11.740	25.5		HRB	W8XAL	6.060	49.5
HVJ	5.970	50.3	Vatican City	W8XK	6.140	48.8	Pittsburgh, Pa. (40 KW)
HVJ	15.120	19.8	Rome, Italy (9 KW)	W8XK	9.570	31.4	
I2RO	6.220	48.2		I2RO	W8XK	11.870	25.3
I2RO	11.810	25.4	Tokio, Japan	W8XK	15.210	19.7	
J1AA	15.490	19.4	Little America (Byrd)	W8XK	17.780	16.9	Chicago, Ill.
J1AA	13.090	22.9		W9XAA	6.080	49.3	
KFZ	9.520	31.5	Manila, P. I. (6 KW)	W9XAA	17.780	16.9	
KFZ	11.830	25.4		KZRM	6.100	49.2	
KFZ	15.270	19.7	Buenos Aires, Argentina	W9XF	17.780	16.9	Mexico City, Mexico
KZRM	6.140	48.8	Prague, Czechoslovakia	XDA	5.860	51.2	
KZRM	9.570	31.4	Skamleback, Denmark (0.5 KW)	XDA	11.760	25.5	
KZRM	11.840	25.3	Hilversum, Holland (12 KW)	XDA	14.630	20.5	
LSX	10.350	29.0		PHI	XETE	9.600	31.2
OK1MPT	5.145	58.3	Huizen, Holland (20 KW)	XGOX	9.500	31.6	Nanking, China
OXY	6.090	49.2	Bandoeng, Java	XGOX	11.900	25.2	
OXY	9.520	31.5	Rio de Janeiro, Brazil (1 KW)	YNA	6.035	49.7	Managua, Nicaragua (1 KW)
PCJ	9.590	31.3	Wellington, New Zealand	YNA	9.530	31.5	
PCJ	15.220	19.7		Johannesburg, S. Africa (15 KW)	YO1	6.000	50.0
PHI	11.730	25.6	Caracas, Venezuela, S. A.		YO1	13.950	21.5
PHI	17.775	16.9		YV1BC	6.110	49.1	
PLE	18.830	15.9	YV3BC	6.130	48.9		
PMY	5.170	58.0	YV3BC	9.510	31.6		
PRAA	11.820	25.4	ZL2XZ	6.060	49.5		
			ZTJ	6.073	49.4		

* To convert frequency in megacycles to kilocycles, change the decimal point to a comma. For example, 6.060 megacycles equal 6,060 kilocycles.



ATWATER KENT RADIO BROADCAST MAP

1 INCH=385 MILES
(APPROX)

2673

CAPITALS OF U.S. & CANADA

**PRINCIPAL *BROADCAST STATIONS—UNITED STATES, CANADIAN, MEXICAN 9
AND CUBAN**

ARRANGED ALPHABETICALLY BY CITIES, WITH CALL LETTERS, KILOCYCLES AND POWER

Abilene, Kan. KFBI 1050 5kw	Council Bluffs, Ia. KOIL 1260 1kw	Kansas City, Mo. KMBC 950 1kw WDAF 610 1kw WOQ 1300 1kw	New York, N. Y. WABC 860 50kw WEAF 660 50kw WFAB 1300 1kw WJZ 760 50kw WLWL 1100 5kw WOV 1130 1kw	Seattle, Wash. KJR 970 5kw KOL 1270 1kw KOMO 920 1kw KTW 1220 1kw
Albuquerque, N. M. KOB 1180 10kw	Covington, Ky. WCKY 1490 5kw	Knoxville, Tenn. WNOX 560 1kw	Norfolk, Nebr. WJAG 1060 1kw	Shreveport, La. KTBS 1450 1kw KWKH 850 10kw
Alexandria, Va. WJSV 1460 10kw	Dallas, Tex. KRLD 1040 10kw WFAA 800 50kw	La Crosse, Wis. WKBH 1380 1kw	Northfield, Minn. WCAL 1250 1kw	Sioux City, Iowa KSCJ 1330 1kw
Amarillo, Tex. KGRS 1410 1kw WDAG 1410 1kw	Denver, Colo. KLZ 560 1kw KOA 830 12½kw	Lawrence, Kan. WREN 1220 1kw	Oakland, Cal. KLX 880 1kw	Sioux Falls, S. D. KSOO 1110 2½kw
Ames, Iowa WOI 640 5kw	Des Moines, Ia. WOC 1000 50kw	Lansing, Mich. WKAR 1040 1kw	Oklahoma, Okla. WKY 900 1kw KOMA 1480 5kw	Spokane, Wash. KFPY 1340 1kw KGA 1470 5kw KHQ 590 1kw
Asheville, N. C. WWNC 570 1kw	Detroit, Mich. WWJ 920 1kw WJR 750 10kw WXYZ 1240 1kw	Lincoln, Nebr. KFAB 770 5kw	Omaha, Nebr. WOW 590 1kw	Stevens Point, Wis. WLBL 900 2½kw
Atlanta, Ga. WSB 740 50kw	Edmonton, Alta. CJCA 730 1kw	Little Rock, Ark. KLR 1390 1kw	Ottawa, Ont. CRCO 880 1kw	St. Joseph, Mo. KFEQ 680 2½kw
Atlantic City, N. J. WPG 1100 5kw	Elmira, N. Y. WESG 1040 1kw	Long Beach, Cal. KFOX 1250 1kw KGER 1360 1kw	Philadelphia, Pa. WCAU 1170 50kw	St. Louis, Mo. KMOX 1090 50kw KWK 1350 1kw WEW 760 1kw
Baltimore, Md. WBAL 1060 10kw	Fargo, N. D. WDAY 940 1kw	Los Angeles, Cal. KECA 1430 1kw KFAC 1300 1kw KFI 640 50kw KHJ 900 1kw KNX 1050 25kw	Piedras Negras, Coahuila XEPN 585 60kw	St. Paul, Minn. KSTP 1460 10kw
Belleplaine (Moosajaw), Sask. CJRM 540 1kw	Fayetteville, Ark. KUOA 1260 1kw	Louisville, Ky. WAVE 940 1kw WHAS 820 50kw	Pittsburgh, Pa. KDKA 980 50kw WCAE 1220 1kw WJAS 1290 1kw	Strathmore (Calgary), Alta. CFCN 1030 10kw
Billings, Mont. KGHL 950 1kw	Fort Wayne, Ind. WOWO 1160 10kw	Lulu Island (Vancouver Island), B. C. CRCV 1100 1kw	Portland, Me. WCSH 940 1kw	Superior, Wis. WEBC 1290 1kw
Birmingham, Ala. WAPI 1140 5kw	Fort Worth, Tex. KTAT 1240 1kw WBAP 800 50kw	Madison, Wis. WHA 940 1kw	Portland, Ore. KEX 1180 5kw KGW 620 1kw KOIN 940 1kw	Syracuse, N. Y. WFBL 1360 1kw
Bismarck, N. D. KFYR 550 1kw	Gainesville, Fla. WRUF 830 5kw	Mexico City, Mexico XEB 1030 1kw XEN 711 1kw XEW 910 5kw XFG 638 2kw XFI 818 1kw XEFO 940 5kw XETR 610 1kw	Pullman, Wash. KWSC 1220 1kw	Tallmadge, Ohio WADC 1320 1kw
Boise, Idaho KIDO 1350 1kw	Gary, Ind. WIND 560 1kw	Miami Beach, Fla. WMBF 1300 1kw	Raleigh, N. C. WPTF 680 1kw	Tampa, Fla. WDAE 1220 1kw
Boston, Mass. WBZ 990 50kw WBZA 990 1kw WEEI 590 1kw WHDH 830 1kw WNAC 1230 1kw	Great Falls, Mont. KFBB 1280 1kw	Miami, Fla. WIOD 1300 1kw WQAM 560 1kw	Reading, Pa. WEEU 830 1kw	Toledo, Ohio WSPD 1340 1kw
Brookings, S. D. KFDY 550 1kw	Harrisburg, Pa. WBAK 1430 1kw	Milwaukee, Wis. WTMJ 620 1kw	Reynosa, Tamaulipas XEAW 956 10kw	Topeka, Kan. WIBW 580 1kw
Brooklyn, N. Y. WBBR 1300 1kw	Hartford, Conn. WDRC 1330 1kw WTIC 1060 50kw	Minneapolis, Minn. WCCO 810 50kw WDGY 1180 1kw WLB 1250 1kw WRHM 1250 1kw	Richmond, Va. WRVA 1110 5kw	Toronto, Ont. CRCT 960 5kw
Buffalo, N. Y. WBEN 900 1kw WGR 550 1kw WKBW 1480 5kw	Havana, Cuba CMCQ 780 1kw CMK 730 3kw CMW 590 1½kw CMX 890 1kw	Montreal, Que. CKAC 730 1kw	Rochester, N. Y. WHAM 1150 50kw	Tulsa, Okla. KVOO 1140 25kw
Chattanooga, Tenn. WDOD 1280 1kw	Hollywood, Cal. KFWB 950 1kw	Nashville, Tenn. WLAC 1470 5kw WSM 650 50kw	Salt Lake City, Utah KDYL 1290 1kw KSL 1130 50kw	Twp. of Kingston, (Toronto), Ont. CFRB 690 10kw
Chicago, Ill. WBBM 770 25kw WCFL 970 1½kw WENR 870 50kw WGN 720 25kw WJJD 1130 20kw WLS 870 50kw WMAQ 670 5kw WMBI 1080 5kw KYW 1020 10kw	Honolulu, Hawaii KGU 750 2½kw	Newark, N. J. WAAM 1250 1kw WNEW 1250 1kw WOR 710 5kw	San Antonio, Tex. KTSA 1290 1kw WOAI 1190 50kw	Villa Acuna, Coahuila XER 735 500kw
Charlotte, N. C. WBT 1080 50kw	Hot Springs National Park, Ark. KTHS 1040 10kw	New Orleans, La. WDSU 1250 1kw WWL 850 10kw	San Diego, Cal. KFSD 600 1kw KGB 1330 1kw	Wheeling, W. Va. WWVA 1160 5kw
Cincinnati, Ohio WLW 700 50kw	Houston, Tex. KPRC 920 1kw	San Francisco, Cal. KFRC 610 1kw KGO 790 7½kw KPO 680 50kw KTAB 560 1kw KYA 1230 1kw	San Juan, Puerto Rico WKAQ 1240 1kw	Wichita, Kan. KFH 1300 1kw
Clay Center, Nebr. KMMJ 740 1kw	Indianapolis, Ind. WFBM 1230 1kw	Schenectady, N. Y. WGY 790 50kw	Seattle, Wash. KSTP 1460 10kw	Windsor, Ont. CKLW 840 5kw
Cleveland, Ohio WHK 1390 1kw WTAM 1070 50kw	Jackson, Miss. WJDX 1270 1kw		St. Paul, Minn. KSTP 1460 10kw	Winnipeg, Man. CKY 910 5kw
Colorado Springs, Colo. KVOR 1270 1kw	Jacksonville, Fla. WJAX 900 1kw		St. Joseph, Mo. KFEQ 680 2½kw	Yankton, S. D. WNAX 570 1kw
	Kalamazoo, Mich. WKZO 590 1kw		St. Louis, Mo. KMOX 1090 50kw KWK 1350 1kw WEW 760 1kw	York, Pa. WORK 1000 1kw
			St. Paul, Minn. KSTP 1460 10kw	Zion, Ill. WCBD 1080 5kw

* Only stations of one kilowatt (KW) or higher power (night rating) are included in the list on this page.

10 BROADCAST STATIONS—UNITED STATES, CANADIAN AND MEXICAN
ARRANGED BY KILOCYCLES (APPROXIMATE DIAL POSITIONS)

540 KC
CJRM Belleplaine, Sask.

550 KC
KFYD Brookings, S. D.
KFUO Clayton, Mo.
KFYR Bismarck, N. D.
KOAC Corvallis, Ore.
KSD St. Louis, Mo.
WDEV Waterbury, Vt.
WGR Buffalo, N. Y.
WKRC Cincinnati, O.
XEI Morelia, Mch., Mex.

560 KC
KFDM Beaumont, Tex.
KLZ Denver, Colo.
KTAB San Francisco, Cal.
KWTO Springfield, Mo.
WFI Philadelphia, Pa.
WIND Gary, Ind.
WLIT Philadelphia, Pa.
WNOX Knoxville, Tenn.
WQAM Miami, Fla.

570 KC
KGKO Wichita Falls, Tex.
KMTR Los Angeles, Cal.
KVI Tacoma, Wash.
WKBN Youngstown, O.
WMCA New York, N. Y.
WNAX Yankton, S. D.
WOSU Columbus, O.
WSYR Syracuse, N. Y.
WWNC Asheville, N. C.

580 KC
CHMA Edmonton, Alta.
CKCL Toronto, Ont.
CKUA Edmonton, Alta.
KMJ Fresno, Cal.
KSAC Manhattan, Kan.
WCHS Charleston, W. Va.
WDBO Orlando, Fla.
WIBW Topeka, Kan.
WTAG Worcester, Mass.

585 KC
XEPN Piedras Negras, Ch.

590 KC
KHQ Spokane, Wash.
WEEI Boston, Mass.
WKZO Kalamazoo, Mich.
WOW Omaha, Nebr.

600 KC
CFCF Montreal, Que.
CFCO Chatham, Ont.
CJOR Vancouver, B. C.
KFQD Anchorage, Alaska
KFSD San Diego, Cal.
WCAC Storrs, Conn.
WCAO Baltimore, Md.
WICC Bridgeport, Conn.
WMT Waterloo, Ia.
WREC Memphis, Tenn.

610 KC
KFRC San Francisco, Cal.
WDAF Kansas City, Mo.
WIP Philadelphia, Pa.
WJAY Cleveland, O.
XETR Mexico, D. F.

620 KC
KGW Portland, Ore.
KTAR Phoenix, Ariz.
WFLA Clearwater, Fla.
WLBZ Bangor, Me.
WTMJ Milwaukee, Wis.
XEZ Merida, Yuc.

630 KC
CFCY Charl'etown, P.E.I.
CJGX Yorkton, Sask.
KFRU Columbia, Mo.
KGFYX Pierre, S. D.
WGBF Evansville, Ind.
WMAL Washington, D. C.
WOS Jefferson City, Mo.

638 KC
XFG Mexico, D. F.

640 KC
KFI Los Angeles, Cal.
WAIU Columbus, O.
WOI Ames, Ia.

650 KC
KCPB Seattle, Wash.
WSM Nashville, Tenn.

660 KC
WAAW Omaha, Nebr.
WEAF New York, N. Y.

670 KC
WMAQ Chicago, Ill.

680 KC
KFEQ St. Joseph Mo.
KPO San Francisco, Cal.
WPTF Raleigh, N. C.

690 KC
CFRB Twp. of King, Ont.
CJCJ Calgary, Alta.
XET Monterrey, N. L.

700 KC
WLW Cincinnati, O.

710 KC
KMPC Beverly Hills, Cal.
WOR Newark, N. J.

711 KC
XEN Mexico, D. F.

720 KC
WGN Chicago, Ill.

730 KC
CFPL London, Ont.
CJCA Edmonton, Alta.
CKAC Montreal, Que.

735 KC
XER Villa Acuna, Coah.

740 KC
KMMJ Clay Center, Nebr.
WHEB Portsmouth, N. H.
WSB Atlanta, Ga.

750 KC
KGU Honolulu, Hawaii
WJR Detroit, Mich.
XEAN Ciudad Juarez, Chi.

760 KC
KXA Seattle, Wash.
WEW St. Louis, Mo.
WJZ New York, N. Y.

770 KC
KFAB Lincoln, Nebr.
WBBM Chicago, Ill.

780 KC
CHWK Chilliwack, B. C.
CKPR Port Arthur, Ont.
KELW Burbank, Cal.
KTM Los Angeles, Cal.
WEAN Providence, R. I.
WMC Memphis, Tenn.
WTAR Norfolk, Va.
XEP Nuevo La'do, Tamp.

790 KC
KGO San Francisco, Cal.
WGY Schenectady, N. Y.

800 KC
WBAP Fort Worth, Tex.
WFAA Dallas, Tex.

805 KC
XFC Aguascalientes, Ags.

810 KC
WCCO Minneapolis, Minn.
WNYC New York, N. Y.

818 KC
XFI Mexico, D. F.

820 KC
WHAS Louisville, Ky.

830 KC
KOA Denver, Colo.
WEEU Reading, Pa.
WHDH Boston, Mass.
WRUF Gainesville, Fla.
XETW Mexico, D. F.

840 KC
CJOC Lethbridge, Alta.
CKLW Windsor, Ont.
XETH Puebla, Puebla

850 KC
KIEV Glendale, Cal.
KWKF Shreveport, La.
WWL New Orleans, La.

860 KC
WABC New York, N. Y.
WHB Kansas City, Mo.
XFX Mexico, D. F.

870 KC
WENR Chicago, Ill.
WLS Chicago, Ill.

875 KC
XEAD Mexico, D. F.

880 KC
CJCB Sydney, N. S.
CRCO Ottawa, Ont.
KFKA Greeley, Colo.
KLX Oakland, Cal.
KPOF Denver, Col.
WCOC Meridian, Miss.
WGBI Scranton, Pa.
WQAN Scranton, Pa.
WSUI Iowa City, Ia.

885 KC
XEFD Tia Juana, B. C.

890 KC
KARK Little Rock, Ark.
KFNF Shenandoah, Ia.
KUSD Vermilion, S. D.
WGST Atlanta, Ga.
WILL Urbana, Ill.
WJAR Providence, R. I.
WMMN Fairmount, W. Va.
XETU Pachuca, Hgo.

900 KC
KGBU Ketchikan, Alaska
KHJ Los Angeles, Cal.
KSEI Pocatello, Idaho
WBEN Buffalo, N. Y.
WJAX Jacksonville, Fla.
WKY Okla. City, Okla.
WLBL Stevens Point, Wis.

910 KC
CKY Winnipeg, Man.
CRCM LaPrairie, Que.
XEW Mexico, D. F.

920 KC
KFEL Denver, Colo.
KFXF Denver, Colo.
KOMO Seattle, Wash.
KPRC Houston, Tex.
WAAF Chicago, Ill.
WBSO Needham, Mass.
WWJ Detroit, Mich.

930 KC
CFAC Calgary, Alta.
CFCH North Bay, Ont.
CFLC Prescott, Ont.
CHRC Quebec, Que.
CKPC Brantford, Ont.
KGBZ York, Nebr.
KMA Shenandoah, Ia.
KROW Oakland, Cal.
WBRC Birmingham, Ala.
WDBJ Roanoke, Va.

940 KC
KGIN Portland, Ore.
WAAT Jersey City, N. J.
WAVE Louisville, Ky.
WCSH Portland, Me.
WDAY Fargo, N. D.
WHA Madison, Wis.
XEFO Mexico, D. F.

950 KC
KFWB Hollywood, Cal.
KGHL Billings, Mont.
KMBC Kansas City, Mo.
WRC Washington, D. C.

956 KC
XEAW Reynosa, Tams.

960 KC
CRCT Toronto, Ont.

970 KC
 KJR Seattle, Wash.
 WCFL Chicago, Ill.
 WIBG Glenside, Pa.

980 KC
 KDKA Pittsburgh, Pa.

990 KC
 WBZ Boston, Mass. 22
 WBZA Boston, Mass.
 WJEM Tupelo, Miss.
 XEK Mexico, D. F.

1000 KC
 KFVD Los Angeles, Cal.
 WOC Des Moines, Ia.
 WORK York, Pa.
 XEA Guadalajara, Guad.
 XEAF Mexicali
 XEC Taluca, Mex.
 XEFE Nuev. La'do, Tams.
 XEFI Chihuahua, Chih.
 XEFJ Monterrey, N. L.
 XEFS Queretero, Qro.
 XEJ Ciudad Juarez, Chih.
 XEL Saltillo, Coah.

1010 KC
 CHML Hamilton, Ont.
 CHWC Regina, Sask.
 CKCD Vancouver, B. C.
 CKCK Regina, Sask.
 CKCO Ottawa, Ont.
 CKIC Wolfville, N. S.
 CKWX Vancouver, B. C.
 KGGF Coffeyville, Kan.
 KQW San Jose, Cal.
 WHN New York, N. Y.
 WIS Columbia, S. C.
 WNAD Norman, Okla.
 WPAP New York, N. Y.
 WRNY New York, N. Y.
 XEC Vera Cruz, V. C.

1020 KC
 KYW Chicago, Ill.
 WRAX Philadelphia, Pa.
 XES Tampico, Tans.

1030 KC
 CFCN Strathmore, Alta.
 CFNB Fredericton, N. B.
 CKNC Toronto, Ont.
 XEB Mexico, D. F.

1040 KC
 KRLD Dallas, Tex.
 KTMS National Park, Ark.
 WESG Elmira, N. Y.
 WKAR E. Lansing, Mich.

1050 KC
 CHNS Halifax, N. S.
 KFBI Abilene, Kan.
 KNX Los Angeles, Cal.
 XEFC Merida, Yuc.

1060 KC
 KWJJ Portland, Ore. 19
 WBAL Baltimore, Md.
 WJAG Norfolk, Nebr.
 WTIC Hartford, Conn.

1070 KC
 KJBS San Francisco, Cal. 18
 WCAZ Carthage, Ill.

WDZ Tuscola, Ill.
 WTAM Cleveland, O.

1075 KC
 XEG Mexico, D. F.

1080 KC 17
 WBT Charlotte, N. C.
 WCBD Zion, Ill.
 WMBI Chicago, Ill.

1090 KC
 KMOX St. Louis, Mo.
 XEAI Mexico, D. F.

1100 KC
 CRCV Lulu Island, B. C.
 KGDM Stockton, Cal.
 WLWL New York, N. Y.
 WPG Atlantic City, N. J.
 XETA Mexico, D. F.

1110 KC
 KSOO Sioux Falls, S. D.
 WRVA Richmond, Va.

1120 KC
 CHGS Summerside, P.E.I.
 CHLP Montreal, Que.
 CKOC Hamilton, Ont.
 KFIO Spokane, Wash.
 KFSG Los Angeles, Cal.
 KRKD Los Angeles, Cal.
 KRSC Seattle, Wash.
 KTRH Houston, Tex.
 WDEL Wilmington, Del.
 WHAD Milwaukee, Wis.
 WISN Milwaukee, Wis.
 WTAW College Sta'n, Tex.

1130 KC
 KSL Salt Lake City, U.
 WJJD Chicago, Ill.
 WOV New York, N. Y.

1132 KC
 XEH Monterrey, N. L.

1140 KC
 KVOO Tulsa, Okla.
 WAPI Birmingham, Ala.

1150 KC 14
 WHAM Rochester, N. Y.

1155 KC
 XED Guadalajara, Guad.

1160 KC
 WOWO Fort Wayne, Ind.
 WWVA Wheeling, W. Va.

1170 KC
 WCAU Philadelphia, Pa.

1180 KC
 KEX Portland, Ore.
 KOB Albuquerque, N. M.
 WDGY Minneapolis, Minn.
 WINS New York, N. Y.
 WMAZ Macon, Ga.

1190 KC
 WOAI San Antonio, Tex.
 WSAZ Huntington, W. Va.

1200 KC
 CHAB Moose Jaw, Sask.
 CJAT Trail, B. C.
 CKTB Pt. Dalhousie, Ont.
 KBTM Paragould, Ark.
 KERN Bakersfield, Cal.
 KFJB Marshalltown, Ia.
 KFXD Nampa, Idaho
 KFXJ Grand Junct., Colo.
 KGDE Fergus Falls, Minn.
 KGEK Yuma, Colo.
 KGFI Los Angeles, Cal.
 KGGI Little Rock, Ark.
 KGVO Missoula, Mont.
 KMLB Monroe, La.
 KSUN Lowell, Ariz.
 KVOS Bellingham, Wash.
 KWG Stockton, Cal.
 WABI Bangor, Me.
 WBBX New Orleans, La.
 WBBZ Ponca City, Okla.
 WBHS Huntsville, Ala.
 WCAT Rapid City, S. D.
 WCAX Burlington, Vt.
 WCLO Janesville, Wis.
 WFAM South Bend, Ind.
 WFBC Greenville, S. C.
 WFBE Cincinnati, O.
 WHBC Canton, O.
 WHBY Green Bay, Wis.
 WIBX Utica, N. Y.
 WIL St. Louis, Mo.
 WJBC LaSalle, Ill.
 WJBL Decatur, Ill.
 WJBW New Orleans, La.
 WKBO Harrisburg, Pa.
 WKJC Lancaster, Pa.
 WLAP Louisville, Ky.
 WNBO Silverhaven, Pa.
 WORC Worcester, Mass.
 WPHR Petersburg, Va.
 WRBL Columbus, Ga.
 WWAE Hammond, Ind.

1210 KC
 CFBO St. John, N. B.
 CHNC New Carlisle, Que.
 CKBI Prince Albert, Sask.
 CKCH Hull, Que.
 CKMC Cobalt, Ont.
 CKOV Kelowna, B. C.
 KASA Elk City, Okla.
 KDLR Devils Lake, N. D.
 KFJI Klamath Falls, Ore.
 KFOR Lincoln, Nebr.
 KFPW Ft. Smith, Ark.
 KFVS Cp. Girardeau, Mo.
 KFXM San Bern'dino, Cal.
 KGCR Watertown, S. D.
 KGY Olympia, Wash.
 KIEM Eureka, Cal.
 KPPC Pasadena, Cal.
 KWEA Shreveport, La.
 KWFV Hilo, Hawaii
 WALR Zanesville, O.
 WBAX Wilkes-Barre, Pa.
 WBBL Richmond, Va.
 WCBS Springfield, Ill.
 WCRW Chicago, Ill.
 WEBQ Harrisburg, Ill.
 WEDC Chicago, Ill.
 WFAS White Plains, N. Y.
 WGBB Freeport, N. Y.
 WGCM Miss'ippi C'y, Miss.
 WGNV Chester Twp., N. Y.
 WHBF Rock Island, Ill.
 WHBU Anderson, Ind.
 WIBU Poynette, Wis.
 WIBI Red Bank, N. J.
 WIBY Gadsden, Ala.
 WJEJ Hagerstown, Md.

WJW Akron, O.
 WKFI Greenville, Miss.
 WKOK Sunbury, Pa.
 WMBG Richmond, Va.
 WOCL Jamestown, N. Y.
 WOMT Manitowoc, Wis.
 WPRO Providence, R. I.
 WQDX Thomasville, Ga.
 WSCB Chicago, Ill.
 WSEN Columbus, O.
 WSIX Springfield, Tenn.
 WSOC Charlotte, N. C.
 WTAX Springfield, Ill.
 XEX Mexico, D. F.

1220 KC
 KFKU Lawrence, Kan.
 KTW Seattle, Wash.
 KWSC Pullman, Wash.
 WCAD Canton, N. Y.
 WCAE Pittsburgh, Pa.
 WDAE Tampa, Fla.
 WREN Lawrence, Kan.

1230 KC
 CFOC Saskatoon, Sask.
 KGGM Albuquerque, N. M.
 KYA San Francisco, Cal.
 WFBM Indianapolis, Ind.
 WNAC Boston, Mass.
 WSBT South Bend, Ind.

1240 KC
 KGCU Mandan, N. D.
 KLPM Minot, N. D.
 KTAT Fort Worth, Tex.
 KTFI W. Twin Falls, Id.
 WKAQ San Juan, P. R.
 WXYZ Detroit, Mich.

1250 KC
 KFOX Long Beach, Cal.
 WAAM Newark, N. J.
 WCAL Northfield, Minn.
 WDSU New Orleans, La.
 WGCP Newark, N. J.
 WLB Minneapolis, Minn.
 WNEW Newark, N. J.
 WRHM Minneapolis, Minn.
 XEFA Mexico, D. F.

1260 KC
 KOIL Council Bluffs, Ia.
 KRGV Harlington, Tex.
 KUOA Fayetteville, Ark.
 KVOA Tucson, Ariz.
 KWWG Brownsville, Tex.
 WLBW Erie, Pa.
 WNBX Springfield, Vt.
 WTOC Savannah, Ga.

1270 KC
 KGCA Decorah, Ia.
 KOL Seattle, Wash.
 KQOR Col'ado Sp'gs, Colo.
 KWLC Decorah, Ia.
 WASH Grand Rpds., Mich.
 WFBR Baltimore, Md.
 WJDX Jackson, Miss.
 WOOD Grand Rpds., Mich.

1280 KC
 KFBB Great Falls, Mont.
 WCAM Camden, N. J.
 WCAP Asbury Pk., N. J.
 WDOD Chattanooga, Tenn.
 WIBA Madison, Wis.
 WRR Dallas, Tex.
 WTNJ Trenton, N. J.
 XEFW Tampico, Tams.

12 BROADCAST STATIONS—UNITED STATES, CANADIAN AND MEXICAN (Cont'd)
ARRANGED BY KILOCYCLES (APPROXIMATE DIAL POSITIONS)

1290 KC
 KDYL Salt Lake City, U.
 KLCN Blytheville, Ark.
 KTSA San Antonio, Tex.
 WEBC Superior, Wis.
 WJAS Pittsburgh, Pa.
 WNBZ Saranac Lake, N. Y.
 WNEL San Juan, P. R.

1295 KC
 XEAC S'n Luis Pot., S.L.P.

1300 KC
 KALE Portland, Ore.
 KFAC Los Angeles, Cal.
 KFH Wichita, Kan.
 KFJR Portland, Ore.
 WBBR Brooklyn, N. Y.
 WEVD New York, N. Y.
 WFAB New York, N. Y.
 WHAZ Troy, N. Y.
 WIOD Miami, Fla.
 WMBF Miami, Fla.
 WOQ Kansas City, Mo.

1310 KC
 CFJC Kamloops, B. C.
 CHCK Charlottet'n, P.E.I.
 CJKL Kirkland Lake, Ont.
 CJLS Yarmouth, N. S.
 CKCV Quebec, Que.
 KCRJ Jerome, Ariz.
 KFBK Sacramento, Cal.
 KFGQ Boone, Ia.
 KFPL Dublin, Tex.
 KFPM Greenville, Tex.
 KFXX Okla. City, Okla.
 KFYO Lubbock, Tex.
 KGXC Wolf Point, Mont.
 KGBX Springfield, Mo.
 KGEZ Kalispell, Mont.
 KGFV Kearney, Nebr.
 KIT Yakima, Wash.
 KMED Medford, Ore.
 KRMD Shreveport, La.
 KTSM El Paso, Tex.
 KXRO Aberdeen, Wash.
 WAML Laurel, Miss.
 WBEO Marquette, Mich.
 WBOW Terre Haute, Ind.
 WBRE Wilkes-Barre, Pa.
 WCLS Joliet, Ill.
 WDAH El Paso, Tex.
 WEBR Buffalo, N. Y.
 WEXL Royal Oak, Mich.
 WFBG Altoona, Pa.
 WFDF Flint, Mich.
 WGAL Lancaster, Pa.
 WGH Newport News, Va.
 WHAT Philadelphia, Pa.
 WIAS Ottumwa, Ia.
 WJAC Johnstown, Pa.
 WJBC Birmingham, Ala.
 WLBC Muncie, Ind.
 WMBO Auburn, N. Y.
 WNBH New Bedford, Mass.
 WOL Washington, D. C.
 WRAW Reading, Pa.
 WROL Knoxville, Tenn.
 WSAJ Grove City, Pa.
 WSJS Win'n-Salem, N. C.
 WTEL Philadelphia, Pa.
 WTJS Jackson, Tenn.
 WTRC Elkhart, Ind.

1315 KC
 XEFB Monterrey, N. L.

1320 KC
 KGHF Pueblo, Colo.

KGMB Honolulu, Hawaii
 KID Idaho Falls, Idaho
 WADC Tallmadge, O.
 WSMB New Orleans, La.

1330 KC
 KGB San Diego, Cal.
 KMO Tacoma, Wash.
 KSCJ Sioux City, Ia.
 WDRC Hartford, Conn.
 WSAI Cincinnati, O.
 WTAQ Eau Claire, Wis.
 XEQ Mexico, D. F.

1340 KC
 KFPY Spokane, Wash.
 KGDY Huron, S. D.
 KGNO Dodge City, Kan.
 WCOA Pensacola, Fla.
 WSPD Toledo, O.

1350 KC
 KIDO Boise, Idaho
 KWK St. Louis, Mo.
 WAWZ Zarephath, N. J.
 WBNX New York, N. Y.
 WEHC Charlottesville, Va.

1360 KC
 KGER Long Beach, Cal.
 KGIR Butte, Mont.
 WCSC Charleston, S. C.
 WFBL Syracuse, N. Y.
 WGES Chicago, Ill.
 WQBC Vicksburg, Miss.

1370 KC
 CHPR St. John, N. B.
 KCRC Enid, Okla.
 KFBL Everett, Wash.
 KFJM Grand Forks, N. D.
 KFJZ Fort Worth, Tex.
 KGAR Tucson, Ariz.
 KGFG Okla. City, Okla.
 KGFL Roswell, N. M.
 KGKL San Angelo, Tex.
 KICA Clovis, N. M.
 KICK Davenport, Ia.
 KLUF Galveston, Tex.
 KMAC San Antonio, Tex.
 KONO San Antonio, Tex.
 KOOS Marshfield, Ore.
 KRE Berkeley, Cal.
 KSO Des Moines, Ia.
 KUJ Walla Walla, Wash.
 KVL Seattle, Wash.
 KWKC Kansas City, Mo.
 WBTM Danville, Va.
 WCBM Baltimore, Md.
 WDAS Philadelphia, Pa.
 WGL Fort Wayne, Ind.
 WGLC Hudson Falls, N. Y.
 WHBD Mt. Orab, O.
 WHBQ Memphis, Tenn.
 WHDF Calumet, Mich.
 WHET Alabama
 WIBM Jackson, Mich.
 WJBK Detroit, Mich.
 WJTL Oglethorpe Un., Ga.
 WLEY Lexington, Mass.
 WLVA Lynchburg, Va.
 WMBR Tampa, Fla.
 WPFH Hattiesburg, Miss.
 WQDM St. Albans, Vt.
 WRAK Williamsport, Pa.
 WRAM Wilmington, Del.
 WRDO Augusta, Me.
 WRJN Racine, Wis.
 WSVS Buffalo, N. Y.

XEFV Chihuahua, Chih.
 XEFZ Mexico, D. F.

1380 KC
 KOH Reno, Nev.
 KQH Pittsburgh, Pa.
 WKBH LaCrosse, Wis.
 WSMK Dayton, O.
 XETB Torreon, Coah.

1390 KC
 CJRC Middlechurch, Man.
 KLRA Little Rock, Ark.
 KOY Phoenix, Ariz.
 WHK Cleveland, O.

1400 KC
 KLO Ogden, Utah
 KTUL Chickasha, Okla.
 WARD Brooklyn, N. Y.
 WBAA W. Lafayette, Ind.
 WBBC Brooklyn, N. Y.
 WKBF Indianapolis, Ind.
 WLTH Brooklyn, N. Y.
 WVFW Brooklyn, N. Y.

1410 KC
 CKFC Vancouver, B. C.
 CKMO Vancouver, B. C.
 KGRS Amarillo, Tex.
 WAAB Boston, Mass.
 WBCM Bay City, Mich.
 WDAG Amarillo, Tex.
 WHBL Sheboygan, Wis.
 WHIS Bluefield, W. Va.
 WODX Mobile, Ala.
 WRBX Roanoke, Va.
 WROK Rockford, Ill.
 WSFA Montgomery, Ala.

1420 KC
 CKGB Timmins, Ont.
 KABC San Antonio, Tex.
 KBPS Portland, Ore.
 KCMC Texarkana, Ark.
 KFIZ Fond du Lac, Wis.
 KGFF Shawnee, Okla.
 KGGC San Francisco, Cal.
 KGIW Alamosa, Colo.
 KGIX Las Vegas, Nev.
 KIDW Lamar, Colo.
 KORE Eugene, Ore.
 KUMA Yuma, Ariz.
 KXL Portland, Ore.
 WACO Waco, Tex.
 WAGM Presque Isle, Me.
 WAMC Anniston, Ala.
 WAZL Hazleton, Pa.
 WEED Greenville, N. C.
 WEHS Cicero, Ill.
 WELL Battle Creek, Mich.
 WENC Americus, Ga.
 WHDL Tupper Lake, N. Y.
 WHFC Cicero, Ill.
 WILM Wilmington, Del.
 WJBO Baton Rouge, La.
 WJMS Ironwood, Mich.
 WKBI Cicero, Ill.
 WLBF Kansas City, Kan.
 WMAS Springfield, Mass.
 WMBK Detroit, Mich.
 WMBH Joplin, Mo.
 WNRA Mu'e Shis. C'y, Ala.
 WPAD Paducah, Ky.
 WSPA Spartanburg, S. C.
 WTBO Cumberland, Mo.

1430 KC
 KECA Los Angeles, Cal.

KGNF North Platte, Nebr.
 KWCR Cedar Rapids, Ia.
 WBAK Harrisburg, Pa.
 WBNS Columbus, O.
 WCAH Columbus, O.
 WFEA Manchester, N. H.
 WHP Harrisburg, Pa.
 WNBR Memphis, Tenn.

1440 KC
 KDFN Casper, Wyo.
 KLS Oakland, Cal.
 KXYZ Houston, Tex.
 WBIG Greensboro, N. C.
 WCBA Allentown, Pa.
 WHEC Rochester, N. Y.
 WMBD Peoria, Ill.
 WOKO Albany, N. Y.
 WSAN Allentown, Pa.
 WTAD Quincy, Ill.

1450 KC
 CFCT Victoria, B. C.
 CKX Brandon, Man.
 KTBS Shreveport, La.
 WGAR Cleveland, O.
 WHOM Jersey City, N. J.
 WSAR Fall River, Mass.
 WTFI Athens, Ga.

1460 KC
 KSTP St. Paul, Minn.
 WJSV Alexandria, Va.

1470 KC
 KGA Spokane, Wash.
 WLAC Nashville, Tenn.

1480 KC
 KOMA Okla. City, Okla.
 WKBW Buffalo, N. Y.

1490 KC
 WCKY Covington, Ky.

1500 KC
 CRCS Chicoutimi, Que.
 KDB Santa Barbara, Cal.
 KGFI Corpus Christi, Tex.
 KGFK Moorhead, Minn.
 KGKB Tyler, Tex.
 KGKY Scottsbluff, Nebr.
 KNOW Austin, Tex.
 KOTN Pine Bluff, Ark.
 KPJM Prescott, Ariz.
 KPO Wenatchee, Wash.
 KREG Santa Ana, Cal.
 KXO El Centro, Cal.
 WCNW Brooklyn, N. Y.
 WFDV Rome, Ga.
 WHEF Kosciusko, Miss.
 WKBB East Dubuque, Ill.
 WKBV Richmond, Ind.
 WKBZ Ludington, Mich.
 WKUE LaGrange, Ga.
 WMBQ Brooklyn, N. Y.
 WMEX Chelsea, Mass.
 WMPC Tapeer, Mich.
 WNBH Binghamton, N. Y.
 WOPI Bristol, Tenn.
 WPEN Philadelphia, Pa.
 WRDW Augusta, Ga.
 WSYB Rutland, Vt.
 WWRL Woodside, N. Y.
 WWSW Pittsburgh, Pa.

1510 KC
 CFRC Kingston, Ont.
 CKCR Waterloo, Ont.

ARRANGED ALPHABETICALLY BY CALL LETTERS

Call Letters	Frequency Kilocycles	Location	* Power	Call Letters	Frequency Kilocycles	Location	* Power	Call Letters	Frequency Kilocycles	Location	* Power
CFAC	930	Calgary, Alta.	100	KBPS	1420	Portland, Ore.	100	KGDY	1340	Huron, S. D.	250
CFBO	1210	St. John, N. B.	100	KBTM	1200	Paragould, Ark.	100	KGEK	1200	Yuma, Colo.	100
CFCF	600	Montreal, Que.	500	KCMC	1420	Texarkana, Ark.	100	KGER	1360	Long Beach, Cal.	1kw
CFCH	930	North Bay, Ont.	100	KCRC	1370	Enid, Okla.	100	KGEZ	1310	Kalispell, Mont.	100
CFCN	1030	Strathmore, Alta.	10kw	KCRJ	1310	Jerome, Ariz.	100	KGFF	1420	Shawnee, Okla.	100
CFCO	600	Chatham, Ont.	50	KDB	1500	Santa Barbara, Cal.	100	KGFG	1370	Oklahoma, Okla.	100
CFCT	1450	Victoria, B. C.	50	KDFN	1440	Casper, Wyo.	500	KGFI	1500	Corpus Christi, Tex.	100
CFCY	630	Charlottetown, P. E. I.	500	KDKA	980	Pittsburgh, Pa.	50kw	KGFL	1200	Los Angeles, Cal.	100
CFJC	1310	Kamloops, B. C.	100	KDLR	1210	Devils Lake, N. D.	100	KGFM	1500	Moorhead, Minn.	100
CFLC	930	Prescott, Ont.	100	KDYL	1290	Salt Lake City, U.	1kw	KGFL	1370	Roswell, N. M.	100
CFNB	1030	Fredericton, N. B.	500	KECA	1430	Los Angeles, Cal.	1kw	KGFW	1310	Kearney, Nebr.	100
CFPL	730	London, Ont.	100	KELW	780	Burbank, Cal.	500	KGFX	630	Pierre, S. D.	200
CFQC	1230	Saskatoon, Sask.	500	KERN	1200	Bakersfield, Cal.	100	KGGC	1420	San Francisco, Cal.	100
CFRB	690	Twp. of King, Ont.	10kw	KEX	1180	Portland, Ore.	5kw	KGGF	1010	Coffeyville, Kan.	500
CFRC	1510	Kingston, Ont.	100	KFAB	770	Lincoln, Nebr.	5kw	KGGM	1230	Albuquerque, N. M.	250
CHAB	1200	Moose Jaw, Sask.	100	KFAC	1300	Los Angeles, Cal.	1kw	KGHF	1320	Pueblo, Colo.	250
CHCK	1310	Charlottetown, P. E. I.	50	KFBB	1280	Great Falls, Mont.	1kw	KGHI	1200	Little Rock, Ark.	100
CHGS	1120	Summerside, P. E. I.	50	KFBI	1050	Abilene, Kan.	5kw	KGHL	950	Billings, Mont.	1kw
CHLP	1120	Montreal, Que.	100	KFBK	1310	Sacramento, Cal.	100	KGIR	1360	Butte, Mont.	500
CHMA	580	Edmonton, Alta.	250	KFBL	1370	Everett, Wash.	50	KGIW	1420	Alamosa, Colo.	100
CHML	1010	Hamilton, Ont.	50	KFDM	560	Beaumont, Tex.	500	KGIX	1420	Las Vegas, Nev.	100
CHNC	1210	New Carlisle, Que.	100	KFDY	550	Brookings, S. D.	1kw	KGKB	1500	Tyler, Tex.	100
CHNS	1050	Halifax, N. S.	500	KFEL	920	Denver, Colo.	500	KGKL	1370	San Angelo, Tex.	100
CHPR	1370	St. John, N. B.	100	KFEQ	680	St. Joseph, Mo.	2½kw	KGKO	570	Wichita Falls, Tex.	250
CHRC	930	Quebec, Que.	100	KFGQ	1310	Boone, Iowa	100	KGKY	1500	Scottsbluff, Nebr.	100
CHWC	1010	Regina, Sask.	500	KFH	1300	Wichita, Kan.	1kw	KGMB	1320	Honolulu, Hawaii	250
CHWK	780	Chilliwack, B. C.	100	KFI	640	Los Angeles, Cal.	50kw	KGNF	1430	North Platte, Nebr.	500
CJAT	1200	Trail, B. C.	50	KFIO	1120	Spokane, Wash.	100	KGNO	1340	Dodge City, Kan.	250
CJCA	730	Edmonton, Alta.	1kw	KFIZ	1420	Fond du Lac, Wis.	100	KGO	790	San Francisco, Cal.	7½kw
CJCB	880	Sydney, N. S.	50	KFJB	1200	Marshalltown, Iowa	100	KGRS	1410	Amarillo, Tex.	1kw
CJCJ	690	Calgary, Alta.	100	KFJI	1210	Klamath Falls, Ore.	100	KGU	750	Honolulu, Hawaii	2½kw
CJGX	630	Yorkton, Sask.	500	KFJM	1370	Grand Forks, N. D.	100	KGW	1200	Missoula, Mont.	100
CJKL	1310	Kirkland Lk., Ont.	100	KFJR	1300	Portland, Ore.	500	KGW	620	Portland, Ore.	1kw
CJLS	1310	Yarmouth, N. S.	100	KFJZ	1370	Fort Worth, Tex.	100	KGW	1210	Olympia, Wash.	100
CJOC	840	Lethbridge, Alta.	100	KFKA	880	Greeley, Colo.	500	KHJ	900	Los Angeles, Cal.	1kw
CJOR	600	Vancouver, B. C.	500	KFKU	1220	Lawrence, Kan.	500	KHQ	590	Spokane, Wash.	1kw
CJRC	1390	Middlechurch, Man.	100	KFNF	890	Shenandoah, Iowa	500	KICA	1370	Clovis, N. M.	100
CJRM	540	Belleplaine, Sask.	1kw	KFOR	1210	Lincoln, Nebr.	100	KICK	1370	Davenport, Iowa	100
CKAC	730	Montreal, Que.	1kw	KFOX	1250	Long Beach, Cal.	1kw	KID	1320	Idaho Falls, Idaho	250
CKBI	1210	Prince Albert, Sask.	100	KFPL	1310	Dublin, Tex.	100	KIDO	1350	Boise, Idaho	1kw
CKCD	1010	Vancouver, B. C.	100	KFPM	1310	Greenville, Tex.	15	KIDW	1420	Lamar, Colo.	100
CKCH	1210	Hull, Que.	100	KFPW	1210	Fort Smith, Ark.	100	KIEM	1210	Eureka, Cal.	100
CKCK	1010	Regina, Sask.	500	KFPY	1340	Spokane, Wash.	1kw	KIEV	850	Glendale, Cal.	100
CKCL	580	Toronto, Ont.	100	KFQD	600	Anchorage, Alaska	250	KIT	1310	Yakima, Wash.	100
CKCO	1010	Ottawa, Ont.	100	KFRC	610	San Francisco, Cal.	1kw	KJBS	1070	San Francisco, Cal.	100
CKCR	1510	Waterloo, Ont.	100	KFRU	630	Columbia, Mo.	500	KJR	970	Seattle, Wash.	5kw
CKCV	1310	Quebec, Que.	50	KFSD	600	San Diego, Cal.	1kw	KLCN	1290	Blytheville, Ark.	50
CKFC	1410	Vancouver, B. C.	50	KFSG	1120	Los Angeles, Cal.	500	KLO	1400	Ogden, Utah	500
CKGB	1420	Timmins, Ont.	100	KFUO	550	Clayton, Mo.	500	KLPM	1240	Minot, N. D.	250
CKIC	1010	Wolfville, N. S.	50	KFVD	1000	Los Angeles, Cal.	250	KLRA	1390	Little Rock, Ark.	1kw
CKLW	840	Windsor, Ont.	5kw	KFVS	1210	Cape Girardeau, Mo.	100	KLS	1440	Oakland, Cal.	250
CKMC	1210	Cobalt, Ont.	50	KFWB	950	Hollywood, Cal.	1kw	KLUF	1370	Galveston, Tex.	100
CKMO	1410	Vancouver, B. C.	100	KFXD	1200	Nampa, Idaho	100	KLX	880	Oakland, Cal.	1kw
CKNC	1030	Toronto, Ont.	100	KFXF	920	Denver, Colo.	500	KLZ	560	Denver, Colo.	1kw
CKOC	1120	Hamilton, Ont.	500	KFXJ	1200	Grand Junction, Colo.	100	KMA	930	Shenandoah, Iowa	500
CKOV	1210	Kelowna, B. C.	50	KFXM	1210	San Bernardino, Cal.	100	KMAC	1370	San Antonio, Tex.	100
CKPC	930	Brantford, Ont.	100	KFXR	1310	Oklahoma, Okla.	100	KMBC	950	Kansas City, Mo.	1kw
CKPR	780	Port Arthur, Ont.	50	KFYO	1310	Lubbock, Tex.	100	KMED	1310	Medford, Ore.	100
CKTB	1200	Pt. Dalhousie, Ont.	100	KFYR	550	Bismarck, N. D.	1kw	KMJ	580	Fresno, Cal.	500
CKUA	580	Edmonton, Alta.	500	KGA	1470	Spokane, Wash.	5kw	KMLB	1200	Monroe, La.	100
CKWX	1010	Vancouver, B. C.	100	KGAR	1370	Tucson, Ariz.	100	KMMJ	740	Clay Center, Nebr.	1kw
CKX	1450	Brandon, Man.	500	KGB	1330	San Diego, Cal.	1kw	KMO	1330	Tacoma, Wash.	250
CKY	910	Winnipeg, Man.	5kw	KGBU	900	Ketchikan, Alaska	500	KMOX	1090	St. Louis, Mo.	50kw
CRCM	910	La Prairie, Que.	5kw	KGBX	1310	Springfield, Mo.	100	KMPC	710	Beverly Hills, Cal.	500
CRCO	880	Ottawa, Ont.	1kw	KGBZ	930	York, Nebr.	500	KMTR	570	Los Angeles, Cal.	500
CRCS	1500	Chicoutimi, Que.	100	KGCA	1270	Decorah, Iowa	100	KNOW	1500	Austin, Tex.	100
CRCT	960	Toronto, Ont.	5kw	KGCR	1210	Watertown, S. D.	100	KNX	1050	Los Angeles, Cal.	25kw
CRCV	1100	Lulu Island, B. C.	1kw	KGCU	1240	Mandan, N. D.	250	KOA	830	Denver, Colo.	12½kw
KABC	1420	San Antonio, Tex.	100	KGDX	1310	Wolf Point, Mont.	100	KOAC	550	Corvallis, Ore.	1kw
KALE	1300	Portland, Ore.	500	KGDE	1200	Fergus Falls, Minn.	100	KOB	1180	Albuquerque, N. M.	10kw
KARK	890	Little Rock, Ark.	250	KGDM	1100	Stockton, Cal.	250	KOH	1380	Reno, Nev.	500
KASA	1210	Elk City, Okla.	100					KOIL	1260	Council Bluffs, Ia.	1kw
								KOIN	940	Portland, Ore.	1kw
								KOL	1270	Seattle, Wash.	1kw
								KOMA	1480	Oklahoma City, Okla.	5kw

* Power is in watts, except where specified as kw (kilowatts). Power given is for night operation.

14 BROADCAST STATIONS—UNITED STATES, CANADIAN AND MEXICAN (Cont'd)

ARRANGED ALPHABETICALLY BY CALL LETTERS

Call Letters	Frequency Kilocycles	Location	* Power	Call Letters	Frequency Kilocycles	Location	* Power	Call Letters	Frequency Kilocycles	Location	* Power
KOMO	920	Seattle, Wash.	1kw	KYW	1020	Chicago, Ill.	10kw	WDAH	1310	El Paso, Tex.	100
KONO	1370	San Antonio, Tex.	100	WAAB	1410	Boston, Mass.	500	WDAS	1370	Philadelphia, Pa.	100
KOOS	1370	Marshfield, Ore.	100	WAAF	920	Chicago, Ill.	500	WDAY	940	Fargo, N. D.	1kw
KORE	1420	Eugene, Ore.	100	WAAM	1250	Newark, N. J.	1kw	WDBJ	930	Roanoke, Va.	250
KOTN	1500	Pine Bluff, Ark.	100	WAAT	940	Jersey City, N. J.	500	WDBO	580	Orlando, Fla.	250
KOY	1390	Phoenix, Ariz.	500	WAAW	660	Omaha, Nebr.	500	WDEL	1120	Wilmington, Del.	250
KPCB	650	Seattle, Wash.	100	WABC	860	New York, N. Y.	50kw	WDEV	550	Waterbury, Vt.	500
KPJM	1500	Prescott, Ariz.	100	WABI	1200	Bangor, Me.	100	WDGY	1180	Minneapolis, Minn.	1kw
KPO	680	San Francisco, Cal.	50kw	WACO	1420	Waco, Tex.	100	WDOD	1280	Chattanooga, Tenn.	1kw
KPOF	880	Denver, Colo.	500	WADC	1320	Tallmadge, Ohio	1kw	WDRC	1330	Hartford, Conn.	1kw
KPPC	1210	Pasadena, Cal.	50	WAGM	1420	Presque Isle, Me.	100	WDSU	1250	New Orleans, La.	1kw
KPQ	1500	Wenatchee, Wash.	100	WAIU	640	Columbus, Ohio	500	WDZ	1070	Tuscola, Ill.	100
KPRC	920	Houston, Tex.	1kw	WALR	1210	Zanesville, Ohio	100	WEAF	660	New York, N. Y.	50kw
KQV	1380	Pittsburgh, Pa.	500	WAMC	1420	Anniston, Ala.	100	WEAN	780	Providence, R. I.	250
KQW	1010	San Jose, Cal.	500	WAML	1310	Laurel, Miss.	100	WEBC	1290	Superior, Wis.	1kw
KRE	1370	Berkeley, Cal.	100	WAPI	1140	Birmingham, Ala.	5kw	WEBQ	1210	Harrisburg, Ill.	100
KREG	1500	Santa Ana, Cal.	100	WARD	1400	Brooklyn, N. Y.	500	WEBR	1310	Buffalo, N. Y.	100
KRGV	1260	Harlingen, Tex.	500	WASH	1270	Grand Rapids, Mich.	500	WEDC	1210	Chicago, Ill.	100
KRKD	1120	Los Angeles, Cal.	500	WAVE	940	Louisville, Ky.	1kw	WEED	1420	Greenville, N. C.	100
KRLD	1040	Dallas, Tex.	10kw	WAWZ	1350	Zarephath, N. J.	250	WEEI	590	Boston, Mass.	1kw
KRMD	1310	Shreveport, La.	100	WAZL	1420	Hazleton, Pa.	100	WEEU	830	Reading, Pa.	1kw
KROW	930	Oakland, Cal.	500	WBAA	1400	Lafayette, Ind.	500	WEHC	1350	Charlottesville, Va.	500
KRSC	1120	Seattle, Wash.	100	WBAK	1430	Harrisburg, Pa.	1kw	WEHS	1420	Cicero, Ill.	100
KSAC	580	Manhattan, Kan.	500	WBAL	1060	Baltimore, Md.	10kw	WELL	1420	Battle Creek, Mich.	50
KSCJ	1330	Sioux City, Iowa	1kw	WBAP	800	Fort Worth, Tex.	50kw	WENC	1420	Americus, Ga.	100
KSD	550	St. Louis, Mo.	500	WBAX	1210	Wilkes-Barre, Pa.	100	WENR	870	Chicago, Ill.	50kw
KSEI	900	Pocatello, Idaho	250	WBBC	1400	Brooklyn, N. Y.	500	WESG	1040	Elmira, N. Y.	1kw
KSL	1130	Salt Lake City, U.	50kw	WBBL	1210	Richmond, Va.	100	WEVD	1300	New York, N. Y.	500
KSO	1370	Des Moines, Iowa	100	WBBM	770	Chicago, Ill.	25kw	WEW	760	St. Louis, Mo.	1kw
KSOO	1110	Sioux Falls, S. D.	2½kw	WBBR	1300	Brooklyn, N. Y.	1kw	WEXL	1310	Royal Oak, Mich.	50
KSTP	1460	St. Paul, Minn.	10kw	WBBX	1200	New Orleans, La.	100	WFAA	800	Dallas, Tex.	50kw
KSUN	1200	Lowell, Ariz.	100	WBBZ	1200	Ponca City, Okla.	100	WFAB	1300	New York, N. Y.	1kw
KTAB	560	San Francisco, Cal.	1kw	WBCM	1410	Bay City, Mich.	500	WFAM	1200	South Bend, Ind.	100
KTAR	620	Phoenix, Ariz.	500	WBEN	900	Buffalo, N. Y.	1kw	WFAS	1210	White Plains, N. Y.	100
KTAT	1240	Fort Worth, Tex.	1kw	WBEO	1310	Marquette, Mich.	100	WFBC	1200	Greenville, S. C.	100
KTBS	1450	Shreveport, La.	1kw	WBHS	1200	Huntsville, Ala.	100	WFBE	1200	Cincinnati, Ohio	100
KTFI	1240	West Twin Falls, Idaho	500	WBIG	1440	Greensboro, N. C.	500	WFBG	1310	Altoona, Pa.	100
KTHS	1040	Hot Springs National Park, Ark.	10kw	WBNS	1430	Columbus, Ohio	500	WFBF	1360	Syracuse, N. Y.	1kw
KTM	780	Los Angeles, Cal.	500	WBNX	1350	New York, N. Y.	250	WFBM	1230	Indianapolis, Ind.	1kw
KTRH	1120	Houston, Tex.	500	WBOW	1310	Terre Haute, Ind.	100	WFBR	1270	Baltimore, Md.	500
KTSA	1290	San Antonio, Tex.	1kw	WBRC	930	Birmingham, Ala.	500	WFDF	1310	Flint, Mich.	100
KTSM	1310	El Paso, Tex.	100	WBRE	1310	Wilkes-Barre, Pa.	100	WFDV	1500	Rome, Ga.	100
KTUL	1400	Chickasha, Okla.	250	WBSO	920	Needham, Mass.	500	WFEA	1430	Manchester, N. H.	500
KTW	1220	Seattle, Wash.	1kw	WBT	1080	Charlotte, N. C.	50kw	WFI	560	Philadelphia, Pa.	500
KUJ	1370	Walla Walla, Wash.	100	WBTM	1370	Danville, Va.	100	WFLA	620	Clearwater, Fla.	250
KUMA	1420	Yuma, Ariz.	100	WBZ	990	Boston, Mass.	50kw	WGAL	1310	Lancaster, Pa.	100
KUOA	1260	Fayetteville, Ark.	1kw	WBZA	990	Boston, Mass.	50kw	WGAR	1450	Cleveland, Ohio	500
KUSD	890	Vermillion, S. D.	500	WCAC	600	Storrs, Conn.	250	WGBB	1210	Freeport, N. Y.	100
KVI	570	Tacoma, Wash.	500	WCAD	1220	Canton, N. Y.	500	WGBF	630	Evansville, Ind.	500
KVL	1370	Seattle, Wash.	100	WCAE	1220	Pittsburgh, Pa.	1kw	WGBI	880	Scranton, Pa.	250
KVOA	1260	Tucson, Ariz.	500	WCAL	1250	Northfield, Minn.	1kw	WGCM	1210	Mississippi City, Miss.	100
KVOO	1140	Tulsa, Okla.	25kw	WCAM	1280	Camden, N. J.	500	WGCP	1250	Newark, N. J.	250
KVOR	1270	Colorado Springs, Colo.	1kw	WCAO	600	Baltimore, Md.	250	WGES	1360	Chicago, Ill.	500
KVOS	1200	Bellingham, Wash.	100	WCAP	1280	Asbury Park, N. J.	500	WGH	1310	Newport News, Va.	100
KWCR	1430	Cedar Rapids, Ia.	250	WCAT	1200	Rapid City, S. D.	100	WGL	1370	Fort Wayne, Ind.	100
KWEA	1210	Shreveport, La.	100	WCAU	1170	Philadelphia, Pa.	50kw	WGLC	1370	Hudson Falls, N. Y.	100
KWFFV	1210	Hilo, Hawaii	100	WCAZ	1070	Carthage, Ill.	50	WGN	720	Chicago, Ill.	25kw
KWG	1200	Stockton, Cal.	100	WCBA	1440	Allentown, Pa.	250	WGNV	1210	Chester Twp., N. Y.	100
KWJJ	1060	Portland, Ore.	500	WCBD	1080	Zion, Ill.	5kw	WGR	550	Buffalo, N. Y.	1kw
KWK	1350	St. Louis, Mo.	1kw	WCBM	1370	Baltimore, Md.	100	WGST	890	Atlanta, Ga.	250
KWKC	1370	Kansas City, Mo.	100	WCBS	1210	Springfield, Ill.	100	WGY	790	Schenectady, N. Y.	50kw
KWKH	850	Shreveport, La.	10kw	WCCO	810	Minneapolis, Minn.	50kw	WHA	940	Madison, Wis.	1kw
KWLC	1270	Decorah, Iowa	100	WCFL	970	Chicago, Ill.	1½kw	WHAD	1120	Milwaukee, Wis.	250
KWSC	1220	Pullman, Wash.	1kw	WCHS	580	Charleston, W. Va.	500	WHAM	1150	Rochester, N. Y.	50kw
KWTO	560	Springfield, Mo.	500	WCKY	1490	Covington, Ky.	5kw	WHAS	820	Louisville, Ky.	50kw
KWWG	1260	Brownsville, Tex.	500	WCLO	1200	Janesville, Wis.	100	WHAT	1310	Philadelphia, Pa.	100
KXA	760	Seattle, Wash.	250	WCLS	1310	Joliet, Ill.	100	WHAZ	1300	Troy, N. Y.	500
KXL	1420	Portland, Ore.	100	WCNW	1500	Brooklyn, N. Y.	100	WHB	860	Kansas City, Mo.	500
KXO	1500	El Centro, Cal.	100	WCOA	1340	Pensacola, Fla.	500	WHBC	1200	Canton, Ohio	100
KXRO	1310	Aberdeen, Wash.	100	WCOC	880	Meridian, Miss.	500	WHBD	1370	Mt. Orab, Ohio	100
KXYZ	1440	Houston, Tex.	250	WCRW	1210	Chicago, Ill.	100	WHBF	1210	Rock Island, Ill.	100
KYA	1230	San Francisco, Cal.	1kw	WCSC	1360	Charleston, S. C.	500	WHBL	1410	Sheboygan, Wis.	500
				WCSH	940	Portland, Me.	1kw	WHBQ	1370	Memphis, Tenn.	100
				WDAE	1220	Tampa, Fla.	1kw	WHBU	1210	Anderson, Ind.	100
				WDAF	610	Kansas City, Mo.	1kw				
				WDAG	1410	Amarillo, Tex.	1kw				

* Power is in watts, except where specified as kw (kilowatts). Power given is for night operation.

ATWATER KENT RADIO

C. J. C. O. C. H. A. N.

64 ATWATER KENT RADIO LOG

CITY	STATION	DIAL	CITY	STATION	DIAL
Worcester Mass	WTAQ	82	Boston Mass	WMEX	3
Boston & Springfield	WBT	12			
Cincinnati	WLW				
Providence R. I.	WEAN	42			
Alexandria Va.	WJSV	4			
Rochester N. Y.	WTAM				
Providence	WPRO	62			
New York N. Y.	WEAF	62			
New York N. Y.	WJZ	45			
Boston Mass	WHDH	37			
Baltimore	WBAL				
Boston	WNAC	11			
Hartford	WTIC				
Baltimore	WCAO				
Atlantic City	WPG				
Providence	WJAR	30			
Charlottesville	WRT	17			
New York N. Y.	WLWL				
New York N. Y.	WAR	32			
Buffalo N. Y.	WRBW	3			
Alton N. Y.	WCB	A			
Chicago Ill	WGN	50			
Nashville	WSM	65			
Chicago	WLS	31			
St. Louis Mo.	KMOX				
Boston Mass	WAAR	6			
Worcester Mass	WOCR				
Atlanta Ga	WSB	47			
Schenectady N. Y.	WGY	40			
Brooklyn N. Y.	WBER	7			
Buffalo N. Y.	WKRW	3			
Newark N. J.	WOR	52			
Buffalo N. Y.	WGR	95			
Covington Ky	WCIX	3-5			
Philadelphia Pa	WCAU	13			
Cleveland	WTAM	15			
Montreal Que	CKAC	48			
W. A. K. O. N. L. O. W.	WJAN				

— PARIS — LONDON — CARACAS — SYDNEY — MONTREAL — GENEVA — BOMBAY — BARRANQUILLA — ROME —

TOKIO — CALCUTTA — BOSTON — RABAT — BUCHAREST — MOSCOW — WELLINGTON — CALI — NANKING — KHABAROVSK

SCHENECTADY — HALIFAX — BANDOENG — JOHANNESBURG — CHICAGO — HEREDIA — FUNCHAL — TEGUCIGALPA

Around the World in a Split Second



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ALL WAVE RADIO

