Keller's Radio Call Book and Log

Vol. 5, No. 5

FALL, 1929

"Worth its Weight in Gold"

JULIA SANDERSON, *Musical Comedy Star*
Recently heard in N. B. C. Broadcasting Programs

Miss Sanderson is a favorite with theatre patrons from coast to coast. Her many friends will welcome her as a Radio artist.

OFFICIAL LIST
of
All Broadcasting Stations
of the
United States, Canada
and **Foreign Countries**

THE REMARKABLE NEW ISOTONE RADIO RECEIVER

(SEE PAGE 1)

Price 25¢

KELLER'S RADIO CALL BOOK and LOG

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This issue contains a Complete **List of Radio Stations of the United States and Canada** Broadcasting Market and Weather Reports, Music, Lectures, Etc., arranged **alphabetically by Call Letters**, including their Location, Names of Owners, Power (watts), Wave Length (meters) and Frequency (kilocycles); a **List of the same Stations arranged alphabetically by Names of Cities**; and a List of the same Stations arranged **numerically according to Wave Lengths**; and other information of interest to those who "listen in"; also, a **List of the Broadcasting Stations of all Foreign Countries**; and a **List of Short Wave Broadcasting Stations of the U. S. and Foreign Countries.**

The issues of March, June, September and December, (otherwise known as the SPRING, SUMMER, FALL and WINTER issues), contain a complete List of all Broadcasting Stations of the world, revised to date of issue; the issues of January, February, April, May, October and November contain all changes in Broadcasting Stations that have occurred during each respective month preceding, besides news of interest to all Radio enthusiasts.

Every owner of a Radio Receiving Set should subscribe for Keller's Radio Call Book because it is the only publication that is revised and corrected frequently enough to constitute a reliable index of the Call Letters and other information relating to the Broadcasting Stations of the U. S. and Canada.

There are numerous changes in Call Letters, Names of Stations, Wave Length and Power every month; new stations are continually being added and frequently old statiors are discontinued. Hence any list of stations, however accurate when printed, becomes very inaccurate, incomplete and unreliable within a few weeks after it is issued.

Subscriptions for Keller's Radio Call Book will be received by any Radio or News Dealer or may be sent directly to us by mail. Use the Subscription Blank printed in this book. Each subscription must be accompanied by a Money Order or Bank Draft for the full amount.

INDEX

The H. F. L. Isotone Screen Grid Receiver

This sensational new receiver offers the absolute limit in distance range, super-selectivity and exquisite tonal quality.

With the opening of the present radio season, the engineers of two continents were both startled and amazed by the announcement of a radically new and different kind of radio receiver.

So many new features were incorporated in the construction of this new instrument—so many new theories were involved—and so many new principles employed that it was many months before the radio world in general awoke to the realization that here at last was the one receiver they had always sought.

Here at last was an instrument which was designed to receive stations throughout the length and breadth of the land—a receiver which could be depended upon to select one single wave channel to the exclusion of all others—a musical instrument of the highest type—and, lastly, a receiver possessed of exquisite beauty.

This radio paragon was the H. F. L. Isotone, the descendent of a long line of super-efficient H. F. L. receivers. For years and years the High Frequency Laboratories had held their heads high in an enviable position—they had always turned out the finest of radio instruments—their products had always been the standards of comparison—their products had for years been talked of throughout the entire nation.

Consider the features of this sensational new instrument. Imagine a receiver which allows reproduction of both radio and phonograph music—which operates from batteries or an A. C. power supply—which collects it's energy from an outside antenna or a loop antenna—and which would operate standard loud speakers or dynamic speakers. Still some twenty-five or thirty other new features will be considered further on in this article.

Let us get on with the actual technical description of the Isotone. The instrument itself is composed of three main units called the front tuning unit, the screen grid amplifier and the audio frequency amplifier, respectively. In great contrast to the usual custom kits, all of the assembly, wiring and testing of these three units is done at the factory—nothing is left to chance—each piece of each individual unit undergoes several tests and then the entire unit is tested. Not content with this, the factory further assembles these three units into a test frame and checks the entire assembly on the air under actual operating conditions.

Therefore, in view of these very rigid factory inspections, there is no occasion to go into detail pertaining to this wiring and assembly work. Complete and simplified instructions are included with the kit of parts for this receiver, from which any one can do the work successfully.

THE ISOTONE SCREEN GRID RECEIVER—Continued

Each H. F. L. Isotone kit consists of the three units mentioned above, a base assembly plate, a front panel and miscellaneous knobs, nuts, bolts, etc. All of the parts necessary to the construction of a finished and perfect instrument are contained within the kit, and the most inexperienced person may assemble one of these receivers in less than two hours.

In an actual test at the H. F. L. laboratory, the H. F. L. Isotone was put together in thirty-four minutes after the material was removed from the carton. Most of the building consists of mechanical assembly operations, inasmuch as the wiring of the receiver consists of running in but ten battery connections. Several other connections are made with fabricated metal strips, but from an actual wiring standpoint, all of the work, with the exception of the ten battery connections, is done at the factory.

The dimensions of the H. F. L. Isotone chassis are standard. The length of the front panel is 26" and the height 7". The steel base plate measures 10⅝" from the back edge of the plate to the front of the front panel.

This panel itself is one of the unique features of the instrument. Ordinarily, custom kits are accompanied by an iron panel finished in bronze, or some type of wooden panel with embossed lettering. Not so with the Isotone. The panel is made of Micarta having an extremely beautiful grained walnut finish. There is a rather unobtrusive insignia engraved into the center of the panel. This embossing is done with pure gold leaf. No other decorations are perceptible. The two dials have hand-hammered and beaded gold escutcheon plates. These dials are illuminated from the rear from pyralin strips which carry the indicating numbers.

The instrument is really a delight to the eye—even the metal base plate and it's associate metal parts are cadmium plated resembling satin silver. The entire receiver is shielded by virtue of heavy copper cans which are highly polished and are given a double coat of jewelry lacquer to preserve this brilliant appearance.

While the beauty of the Isotone immediately identifies it as a thoroughbred, it takes a careful analysis of the circuit to appreciate the facts which are responsible for such unprecedented efficiency. Fundamentally, the receiver is a standard screen grid super heterodyne utilizing nine tubes. There is an additional tube which is used when the instrument is employed for phonograph reproduction. These ten tubes are distributed in the following manner:

1 First Detector	UX 201-A
1 Oscillator	UX 201-A
3 Radio frequency amplifiers	UX 222
1 Second Detector	UX 112-A
1 Phonograph amplifier	UX 112-A
1 First Stage Audio amplifier	UX 112-A
2 Push Pull Audio amplifiers	UX 171-A

Probably the most interesting and nicest part of the Isotone is the screen grid amplifier which is responsible for the tremendous radio frequency amplification which has actually been measured as 65 per stage under operating conditions. A comprehensive study of this amplifier may be made by studying the schematic diagram which accompanies this article.

One of the main features, which is not apparent on the schematic, is the operating frequency of this amplifier which is 475 kilo cycles. Most custom set constructors are by this time aware of the fact that such a frequency allows the receiver to be tuned as a "one spot" instrument and totally does away with all of the annoying repeat points on the oscillator dial.

When such a high frequency is used, it is absolutely necessary that the radio transformers be furnished with a means of compensating for the various tube capacities and the capacities which are set up by virtue of the wiring of the receiver itself.

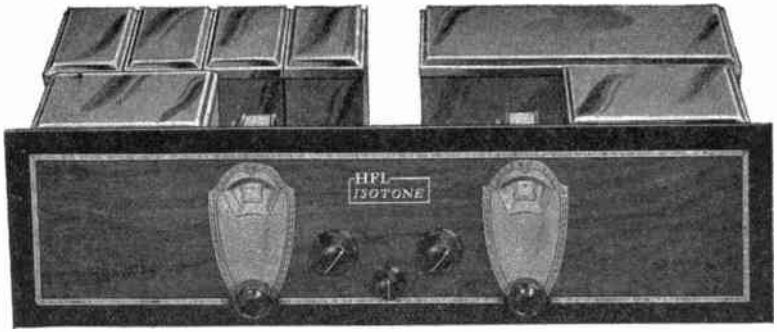
The engineers of the High Frequency Laboratories departed from the standard impedances in order to realize a system of grid tuning which would allow compensating capacities of this type to be incorporated within the construction of the transformer. These transformers may be compared to the filter transformers which were used in the old type superheterodyne receivers, although, of course, the frequency instead of being about 37½ kilocycles is raised to 475 K. C. At this high frequency every precaution must be taken in order to keep the radio frequency currents from dissipating themselves to the shielding, voltage connections, adjacent tubes and other factors in the instrument.

The actual tuning of the transformers is accompanied by two fixed capacities—one of these, a small mica condenser, having a fixed value of .0001 mfd., is connected permanently across the secondary of the transformer, and another small condenser having a variable capacity of .000025 mfd., is connected in shunt across the fixed condenser.

This system of tuning the four transformers allows the operator to exactly compensate for infinitesimal variations in the circuit and thus maintain the intermediate amplifier at all times in a condition of ultra sensitivity and selectivity. It is, of course, well understood by practically all set builders at this time that the selectivity of the amplifier increases as the transformers are brought into resonance one with another and that maximum selectivity can only be obtained when the overall intermediate system is perfectly matched.

The intermediate amplifier itself consists of these four transformers, their associate tubes, sockets, resistors, fixed condensers and twelve by-pass condensers. These

THE ISOTONE SCREEN GRID RECEIVER—Continued



Interior View of The Isotone Screen Grid Receiver showing the thoroughness of the shielding employed.

twelve by-pass condensers are of extreme importance in the proper operation of the amplifier. There are three condensers in each stage which consists of the condensers, one transformer, one tube socket, one resistor and one copper shield. These twelve by-pass condensers have a capacity of ½ mfd. each and the extremely low radio frequency resistance of 1-10 of an ohm.

While this is expensive practice, the results seem to justify the expenditure, for when the amplifier is in operation it is perfectly stable, and it cannot be made to oscillate under any normal condition. In fact the only way in which the set can be operated as an oscillating receiver is by the removal of the shield cans which cover the screen grid amplifier stages.

Immediately to the right of the screen grid amplifier we see the completely shielded audio section of the Isotone. This consists of four transformers, four sockets, a by-pass condenser, a series resistor and the necessary input and output tip jacks. The transformers themselves are of unusually large construction. More than the required amount of steel for excellent low note reproduction has been employed. The impedance of the windings is very high, so that the maximum in energy transfer from the tube is obtained, and the overall amplification ratio of the amplifier is such that it is capable of producing an unusually large amount of undistorted volume.

The first transformer in the amplifier section is the microphone input transformer which has a ratio of 1 to 1. When the receiver is being used as a radio receiver, this transformer and it's associate tube is switched entirely out of the circuit by the automatic control switch.

By referring to the schematic diagram, it will be seen that the plate voltage to the phonograph tube and also that of the second detector tube is supplied through the series resistor in that circuit between the bottom of the first audio frequency transformer and the 135 volt supply. This resistor is by-passed by a one mfd. condenser connected to the ground. The actual voltage is the correct value when it is understood that the grid bias of these tubes is supplied by the filament resistors which furnish one volt negative drop.

This allows the second detector tube to operate as a combination grid and plate rectifier which, although being a somewhat new system of restification, has unusually great sensitivity and other features which make such a system desirable. The first audio frequency transformer has a ratio of 5 to 1, and the second audio frequency transformer or the input transformer to the push-pull circuit has a ratio of 2 to 1. The schematic diagram will show that the output to the loud speaker is taken from opposite ends of the high impedance choke. This is a new method of coupling a receiver to the loud speaker and it allows considerably more energy than has heretofore been possible and also the total elimination of all of the direct current component in the loud speaker windings.

The reader has probably already noticed the five power tubes which are apparent in the Isotone. This is to be desired from an engineering standpoint, when undistorted power output is desired. The only way to realize such an output is by the employment of tubes large enough to handle large amounts of power. The UX-112A tube is an excellent one to use for inter-stage coupling, and the two UX-171A tubes, operating in a perfectly balanced push-pull stage, furnish a slight bit more power output than would one tube of the UX-210 type. Such a push-pull stage will permit a volume level which will be quite satisfactory for ordinary home use.

The long unit immediately in front of the two amplifiers, just described, is the front tuning unit. This consists of the antenna tuning stage, the oscillator and the compartment in the middle which houses the control resistors and the automatic ballasting switch.

The antenna tuning circuit has a detachable coil which is a highly desirable feature, inasmuch as it allows the operation of either a loop or outside antenna. Ordinarily the instrument is set up for loop operation, but the operator may employ an

THE ISOTONE SCREEN GRID RECEIVER—Continued

outside antenna by simply plugging in three flexible connections coming from the coil into the three tip jacks. The antenna may then be connected directly to the antenna binding post. This circuit is tuned by a Hammarlund Midline condenser having a capacity of .000475 mfd., and the inductance of the coil is figured so that the dial reading will coincide with that of the oscillator dial when the two dials are properly matched up for consecutive dialing by means of a small padder condenser in the oscillator circuit. These two dials may be operated with readings almost exactly the same over 85 per cent of the wave band.

Regeneration in the antenna tuning stage is realized by using the capacity between the plate wire and the shielding itself. The mutual inductance of the plate circuit tends further toward regeneration, so that the loop antenna circuit is at all times extremely selective and sensitive.

The oscillator circuit is tuned by another Hammarlund Midline condenser having a capacity of .00025 mfd . The voltage is transferred from this circuit to that of the antenna circuit through the pick up coil which is connected to the center tap of the loop antenna. This employment of the ground heterodyne system is another one of the features of the Isotone. Although there is no reason why other manufacturers could not have employed such a system a long time ago, for some reason or other it was left to the designers of the H. F. L. Isotone to work out and use this excellent system in actual practice. The oscillator circuit itself is by-passed to ground by a 1 mfd. condenser which isolates this circuit completely from the rest of the receiver, thus doing away with all of the undesirable coupling through the wires which is ordinarily associated with the oscillator circuit.

The controlling devices for the Isotone receiver are located in the small metal compartment situated between the two drum dials directly in the middle of the front tuning unit. This metal compartment houses a special wire-wound potentiometer having a value of 25,000 ohms which serves as a voltage divider in the screen grid circuits. This control allows any voltage from 0 to 67½ volts to be placed upon the screen grids of the tubes. The other variable control is a 500,000 ohm volume control potentiometer which is connected across the secondary of the first audio frequency transformer in the customary way.

The switch in the middle handles several operations. In one position it automatically connects all of the circuits required to make the Isotone a radio receiver. In this position, the phonograph amplifier tube is disconnected and is out of the circuit. In the reverse position, the switch connects only the last four tubes of the instrument, or the audio amplifier, and at the same time disconnects the remaining six tubes in the radio section of the instrument.

One of the interesting features of the controlling system is the 6.6 ohm resistor which is automatically connected across the filament supply circuit when the auto amplifier is being used for phonograph work. This is an extremely desirable condition when it is realized that this ballast has a load characteristic which corresponds with that of the six tubes which are disconnected from the power supply when the Isotone is being used for phonograph reproduction. This allows the use of an "A" eliminator and the voltage being supplied to the tubes remains steady at all times regardless of the position of the control switch. If it were not for this ballast resistor, the filament voltage would jump suddenly upward when the six tubes were disconnected and the remaining four tubes in the audio amplifier would be subjected to a voltage considerably above that of their regular rating.

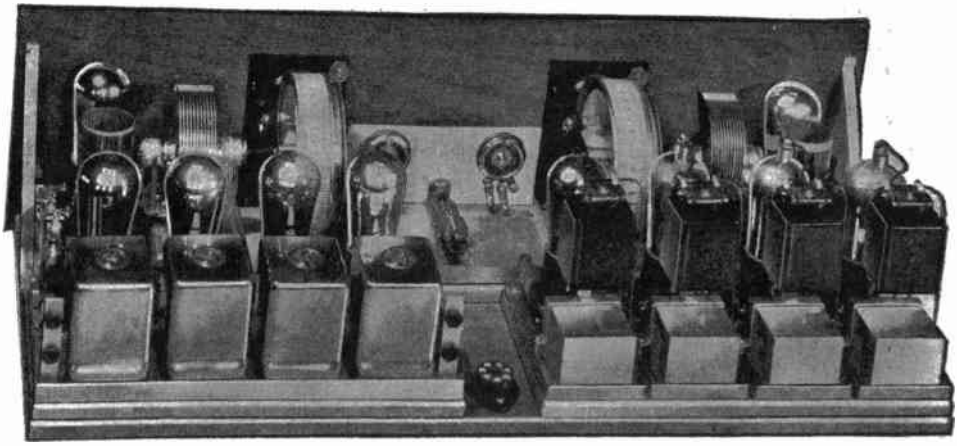
The assembly of an Isotone receiver is such a simple procedure that no one will have any difficulty with it. The main steel base plate comes with all of the holes punched in the proper positions. The assembly operation is started by simply placing the three main units down on the base plate and securing them in position by means of a few nuts and bolts. There are slots in the base plate and the terminal strips of the individual units protrude down through the slots.

The positions of these terminal strips are figured so that when the three units are mounted in their respective position, practically all of the connections can be made by means of metal connecting strips furnished wtih the kit. The set constructor has only to slip the thirteen metal connecting strips down over their respective bolts and tighten them on by means of nuts. The wiring is then completed by running the power connections from the cable receptacle to the proper points on the terminal strips. There are in all ten wires to be connected. This is the only wiring that is done by the set builder.

When these operations have been completed, the front panel is bolted into position and the tuning control knobs along with the two tuning dial escutcheons and knobs are attached. This completes the entire assembly of an H. F. L. Isotone receiver. The eight shield cans are slipped in place after the instrument has been tested and found to operate satisfactorily. The power cable is a part of the kit, and it may be said that the H. F. L. kit is the most complete one of it's type ever introduced. The only thing that is required and not included with the kit is a 2" length of rosin core solder, a matter of one cent at any hardware store.

While the method of unit construction allows unusually easy assembly, there are other reasons why such a method of assembly is to be desired. There is ½" of space between the bottoms of the individual unit base pans and the top of the main foundation base plate. All of the wiring in the receiver (with the exception of the external power leads) is placed within this ½" of space. Thus when the units are bolted down to the base plate, the entire receiver including all of the wiring is completely shielded. This is one of the finest pieces of engineering work which we

THE ISOTONE SCREEN GRID RECEIVER—Continued



Interior view of The Isotone Screen Grid Receiver showing part of the shielding removed.

have ever seen, and it is not surprising therefore that the H. F. L. Isotone is perfectly stable in operation and utterly devoid of oscillation and interstage feed back.

Still another good point about this method of constructing a receiver is that when the three units are bolted down to the base plate (with the proper spacing studs between them) the entire assembly becomes one of the cantilever construction. The receiver becomes extremely rigid and it can be subjected to a great deal of abuse without any damage being done. Some idea of the quality and strength of the Isotone can be gained when it is understood that the kit of parts weighs approximately sixty pounds.

In an actual test in the City of Chicago, on October 22nd, 1928, the Isotone brought in station PWX at Havana, Cuba, with full loud speaker volume for a period of one hour from nine to ten p. m. central standard daylight saving time. The temperature at this time was around fifty degrees, and when it is considered that at this same hour over twenty-seven local stations were operating at this point, the reader will at once realize that this is a remarkable feat.

PWX in the old days of 1923 and 24, was rather an easy station to get, but in this day and age of super power stations in every direction, it is an accomplishment which really should be placed in the achievement class.

Therefore, may we say that the combination of the Isotone along with its power supply and a good dynamic loud speaker is about all one can wish for in the way of radio satisfaction? The receiver can be opened up so that it can step out to 4,000 miles or it can be rendered insensitive by the screen grid voltage control so that its reception limit will be less than ten miles. This is a highly desirable feature in the case of static and other noises which are present in large congested broadcasting centers.

Power Supply for A. C. Operation.

Originally the H. F. L. Isotone was designed as a battery operated receiver. The engineers realized that while electric operation is highly desirable, a great many prefer the "D. C." tubes on account of having them, already or on account of their lesser cost and probably longer life.

In designing the Isotone particular attention was paid to stability, ease of operation and economy in operation. When a receiver was realized which furnished these desirable factors on a direct current basis, it was decided that the practical way of electrifying such a set would be by a dry power supply furnishing all A, B, and C. voltages.

So the Model 5 A.B.C. power supply was designed as a special current supply device for the H. F. L. Isotone. As there are a large number of new features in the Isotone, so are there new and advanced ideas in the power unit. The A. voltage and current is furnished by an Elkon dry rectifier

THE ISOTONE SCREEN GRID RECEIVER—Continued

unit operating in conjunction with large chokes and oversize transformer. The filter capacity exceeds 30 mfd. which eliminates all trace of alternating current hum and renders the unit absolutely steady in operation. 2½ amperes of current at six volts may be taken out of the A. circuit of this power supply.

B. and C. voltages are furnished by means of an UX 280 tube operating in a standard voltage dividing circuit. Here again the chokes and condensers are of proportions that far exceed the actual requirements of practice and thus the unit shows absolutely no tendency toward motor boating. The plate current doesn't swing at all, and there are no noticeable variations in voltages delivered when different amounts of current are drawn from the various taps.

The Model 5 A.B.C. power supply furnishes plate voltages of 50, 135 and 180 volts. In addition to these voltages there is also a connection marked 90 volts which has an individual variable resistor as it's controlling device. From this terminal any voltage from 0 to 180 volts may be obtained. Thus the unit will deliver a set of voltages which will operate practically any receiver in existence today.

The C. biasing section of the unit has two terminals, one of which delivers a fixed value of 45 volts negative and one delivers variable negative voltage from 0 to 15 volts. All in all the Model 5 A.B.C. power supply is one of the finest units obtainable, and while it has certainly proven its ability to operate an Isotone receiver perfectly, it is a unit which would serve as an extremely satisfactory supply device for a large number of the better types of radio sets.

Inasmuch as the Isotone is sold in a rather new fashion, it may be well to list the actual parts of the H. F. L. kit just as they come to the set builder:

One assembled and wired tuning unit.
One assembled and wired screen grid amplifier
One assembled and wired audio amplifier.
Eight shield cans with tops.
One base assembly plate.
One drilled and engraved front panel.
One seven-wire cable and socket.
Two gold escutcheons with knobs (attached).
Two dial lights (inside of drums).
Two large walnut control knobs.
One small walnut switch knob.
Two steel panel supporting brackets.
Twelve plated connecting strips.
Fifty-five 6-32 hexagon brass nuts.
Fourteen ⅜ inch hexagon spacer studs.
Fourteen ¾ by 6-32 inch R. H. machine screws.
Six ¼ by 6-32 inch F. H. black machine screws.
Four ⅜ by 6-32 inch R. H. machine screws.
Eleven tinned copper lugs.
Six feet push-back wire.

Assuming A. C. operation, the kit will require the following accessories:

Three UX 222 tubes.
Three UX 112-A tubes.
Two UX 171-A tubes.
Two UX 201-A tubes.
One Model 5 ABC power supply.
One UX 280 tube (for the power supply).
One Pacent phonograph pickup (optional).
One Qualitone Deluxe loop antenna.

D. C. operation, of course, may be realized by the substitution of batteries for the Model 5 ABC power supply. The Isotone is not hard on B batteries. The entire instrument consumes only about 30 milli-amperes and the current drawn from the A battery is 1.9 amperes.

For D. C. operation the batteries required will be:

One 6-volt storage battery (120 ampere hour).
Two 22½-volt C batteries.
Four 45-volt heavy duty B batteries.

NOTE: The publishers of this magazine are not in the Radio business. This article is published for the information of its readers only, but if any further details are desired concerning this, or any other article in this issue, they will be given, cheerfully, if postage is enclosed for reply.—Editor.

TO RECORD YOUR DIAL READINGS

Find the Station in the "Alphabetical List by Call Signals"; ascertain the Wave Length or Frequency; then turn to the corresponding page in the List of Stations "Arranged by Wave Lengths" (Pages 19 to 24). The spaces between the wave length and call letters of stations may be used for recording dial readings if desired. The dial setting of any station will apply to any other station of the same wave length.

United States Broadcasting Stations

Alphabetical List by Call Signals

NOTE: The Call Letters in parentheses under the heading "Other Data" are stations with which time is divided. "C. P." indicates that a Construction Permit has been issued for a higher power than now being used. "Daylight" indicates that the station is permitted to broadcast during daylight hours only. "Lim. time" or "L. T." indicates that broadcasting is restricted to certain hours. Where higher and lower amounts of power are given, the higher power is for daytime only.

Call Signal	Location	Other Data	Watts	Kcs.	Meters	Owner
KCRC	Enid, Okla.	(KGFG)	250-100	1370	218.8	Champlin Refining Co.
KDB	Santa Barbara, Cal.		100	1500	199.9	S. Barbara Brdcst. Co.
KDKA	Pittsburgh, (Saxonburg) Pa.		50000	980	350.9	Westingh'se E. & M. Co.
KDLR	Devils Lake, N. D.		100	1210	247.8	Radio Electric Co.
KDYL	Salt Lake City, Utah		1000	1290	232.4	Interm't'n Brdcstg. Corp.
KEJK	Los Angeles (Bev. Hills), Cal. (L. T.)		500	1170	256.3	R. S. McMillan.
KELW	Burbank, Cal.	(KTM)	500	780	384.4	Earl L. White.
KEX	Portland, Ore.	(KOB)	5000	1180	254.1	Western Brdcstg. Co.
KFAB	Lincoln, Neb.	(WBBM-WJBT)	5000	770	389.4	Neb. Buick Auto Co.
KFAD	Phoenix, Ariz.		500	620	483.6	Electrical Equipment Co.
KFBB	Havre, Mont.	(KGIR)	500	1360	220.4	Buttrey Broadcast, Inc.
KFBK	Sacramento, Cal.		100	1310	228.9	Jas. McClatchy Co.
KFBL	Everett, Wash.	(KVL)	50	1370	218.8	Leese Bros.
KFDM	Beaumont, Tex.		1000-500	560	535.4	Magnolia Petrol'm Co.
KFDY	Brookings, S. D.	(KFYR)	1000-500	550	545.1	State College.
KFEL	Denver, Colo.	(KFXF)	250	940	319.0	Eug. P. O'Fallon, Inc.
KFEQ	St. Joseph, Mo.	(WOI)	2500	560	535.4	Scroggin & Co. Bank.
KFGQ	Boone, Iowa	(KFJY-KWCR) (Sun. only)	100	1310	228.9	Boone Biblical College.
KFH	Wichita, Kans. (C. P. 1000)	(WIBW)	500	1300	230.6	Radio Sta. KFH Co.
KFHA	Gunnison, Colo.		100	1200	249.9	Western State College.
KFI	Los Angeles, Cal.	(C. P. 50000)	5000	640	468.5	Earl C. Anthony (Inc.).
KFIF	Portland, Ore.		100	1420	211.1	Benson Polytech. Inst.
KFIO	Spokane, Wash.	(Daylight)	100	1230	243.8	N. Central H. Sch'l.
KFIZ	Fond du Lac, Wis.		100	1420	211.1	Reporter Printing Co.
KFJB	Marshalltown, Iowa	(WMT)	100	1200	249.9	Marshall Electric Co.
KFJF	Oklahoma City, Okla.		5000	1470	204.0	Natl. Radio Mfg. Co.
KFJI	Astoria, Ore.	(KIT)	100	1370	218.8	Geo. Kincaid.
KFJM	Grand Forks, N. D.		100	1370	218.8	University of N. D.
KFJR	Portland, Ore.	(KTBR)	500	1300	230.6	A. C. Dixon & Son.
KFJY	Fort Dodge, Iowa	(KFGQ-KWCR)	100	1310	228.9	C. S. Tunwall.
KFJZ	Fort Worth, Tex.		100	1370	218.8	H. C. Meacham.
KFKA	Greeley, Colo.	(KPOF)	1000-500	880	340.7	State Teachers' Col.
KFKB	Milford, Kans.	(Limited time)	5000	1050	285.5	J. R. Brinkly, M.D.
KFKU	Lawrence, Kans.	(WREN)	1000	1220	245.8	State University.
KFKX	KYW—See KYW-KFKX.					
KFKZ	Kirksville, Mo.		15	1200	249.9	State Teachers' Col.
KFLV	Rockford, Ill.	(WHBL) C. P.	500 100	1410	212.6	A. T. Frykman.
KFLX	Galveston, Tex.		100	1370	218.8	George R. Clough.
KFMX	Northfield, Minn.	(WCAL-WRHM-WLB)	1000	1250	239.9	Carleton College.
KFNF	Shenandoah, Iowa	(WILL-KUSD)	1000-500	890	336.9	Henry Field Seed Co.
KFOR	Lincoln, Neb.		250-100	1210	247.8	Howard A. Shuman.
KFOX	Long Beach, Cal.		1000	1250	239.9	Nichols & Warinner.
KFPL	Dublin, Tex.		15	1310	228.9	C. C. Baxter.
KFPM	Greenville, Tex.		15	1310	228.9	New Furniture Co.
KFPW	Siloam Springs, Ark.	(Daylight)	50	1340	223.7	Rev. L. W. Stewart.
KFPY	Spokane, Wash.	(KWSC)	500	1390	215.7	Symons Bdcstg. Co.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
KFQA-KMOX—See KMOX-KFQA.						
KFQD	Anchorage, Alaska		100	1230	243.8	Anchorage Rad. Club.
KFQU	Holy City, Cal.	(KGGC)	100	1420	211.1	W. E. Riker.
KFQW	Seattle, Wash.		100	1420	211.1	KFQW, Inc.
KFQZ	Los Angeles (Hollywood), Cal. (L. T.)		250	860	348.6	Taft Rad. & Brdcstg. Co.
KFRC	San Francisco, Cal.		1000	610	491.5	Don Lee, Inc.
KFRU	Columbia, Mo.	(WOS-WGBF)	500	630	475.9	Stephens College.
KFSD	San Diego, Cal.		1000-500	600	499.7	Airfan Radio Corp.
KFSG	Los Angeles, Cal.	(KMIC)	500	1120	267.7	Echo Pk. Evan. Assn.
KFUL	Galveston, Tex.	(KTSA)	1000	1290	232.4	Will H. Ford.
KFUM	Colorado Springs, Colo.		1000	1370	218.1	W. D. Corley.
KFUO	St. Louis (Clayton), Mo.	(KSD)	1000-500	550	545.1	Concordia Seminary.
KFUP	Denver, Colo.	(KFXJ)	100	1310	228.9	Fitzsimmons Gen'l Hosp.
KFVD	Culver City, Cal.	(Limited time)	250	710	422.3	Los Ang. Brdcstg. Co.
KFVS	Cape Girardeau, Mo.	(WEBQ)	100	1210	247.8	Hirsch Bat. & Rad. Co.
KFWB	Los Angeles (Hollyw'd), Cal.	(KPSN)	1000	950	315.6	Warner Bros. Brdcstg.
KFWC	Pomona, (Ontario), Cal.	(KPPC)	100	1200	249.9	Jas. R. Fouch.
KFWF	St. Louis, Mo.	(WIL-WMAY)	100	1200	249.9	St. L. Truth Center, Inc.
KFWI	San Francisco, Cal.	(KFWM)	500	930	322.4	Rad. Enter'nm'ts, Inc.
KFXD	Jerome, Idaho		50	1420	211.1	Service Radio Co.
KFXF	Denver, Colo.	(KFEL)	250	940	319.0	Pike's Pk. Brdcstg. Co.
KFXJ	Denver (Edgewater), Colo.	(KFUP)	50	1310	228.9	R. G. Howell.
KFXR	Oklahoma City, Okla.		100	1310	228.9	Exchange Ave. Bapt. Ch.
KFXY	Flagstaff, Ariz.		100	1420	211.1	Mary M. Costigan.
KFYO	Abilene, Tex.		250-100	1420	211.1	T. E. Kirksey.
KFYR	Bismarck, N. D.	(KFDY)	500	550	545.1	Hoskins-Meyer, Inc.
KGA	Spokane, Wash.		5000	1470	204.0	N. W. Rad. Serv. Co.
KGAR	Tucson, Ariz.		100	1370	218.8	Tucs. Motor Serv. Co.
KGB	San Diego, Cal.		250	1360	220.4	Pickw'k Brdcstg. Corp.
KGBU	Ketchikan, Alaska		500	900	333.1	Alaska Rad. & Serv. Co.
KGBX	St. Joseph, Mo.	(KWKC)	100	1370	218.8	Foster-Hall Tire Co.
KGBZ	York, Neb.	(KMA)	1000-500	930	322.4	Dr. Geo. R. Miller.
KGCA	Decorah, Iowa	(Daylight) (KWLC)	50	1270	236.1	Chas. W. Greenley.
KGCI	San Antonio, Tex.	(KGRC)	100	1370	218.8	Liberto Radio Sales.
KGCR	Watertown, S. D.		100	1210	247.8	Cutler's Rad. Brdcst. Serv.
KGCU	Mandan, N. D.		100	1200	249.9	Mandan Rad. Assoc.
KGCX	Vida, Mont.		10	1420	211.1	First State Bank.
KGDA	Dell Rapids, S. D.		50	1370	218.8	Home Auto Co.
KGDE	Fergus Falls, Minn.		50	1200	249.9	Jaren Drug Co.
KGDM	Stockton, Cal.	(Daylight)	50	1100	272.6	E. F. Peffer.
KGDR	San Antonio, Tex.		100	1500	199.9	M. A. & D. W. English
KGDY	Oldham, S. D.		15	1200	249.9	J. Albert Loesch.
KGEF	Los Angeles, Cal.	(KTBI)	1000	1300	230.6	Trinity Meth. Church.
KGEK	Yuma, Colo.	(KGEW)	50	1200	249.9	Beehler Elec. Equip. Co.
KGER	Long Beach, Cal.		100	1370	218.8	C. Merwin Dobyns.
KGEW	Fort Morgan, Colo.	(KGEK)	100	1200	249.9	City of Ft. Morgan.
KGEZ	Kalispell, Mont.		100	1310	228.9	Chamber of Com.
KGFF	Alva, Okla.		100	1420	211.1	KGFF Brdcstg. Co.
KGFG	Oklahoma City, Okla.	(KCRC)	100	1370	218.8	Faith Tabernacle, Inc.
KGFI	Corpus Christie, Tex.		100	1500	199.9	Eagle Brdcstg. Co.
KGFJ	Los Angeles, Cal.		100	1420	211.1	Ben S. McGlashan.
KGFK	Hallock, Minn.		50	1200	249.9	Lautzenheiser & Mitchell.
KGFL	Raton, N. Mex.		50	1370	218.8	Hubbard & Murphy.
KGFW	Ravenna, Neb.		50	1310	228.9	Otto F. Sothman.
KGFX	Pierre, S. D.	(Daylight)	200	580	516.9	Dana McNeil.
KGGC	San Francisco, Cal.	(KFQU)	50	1420	211.1	Gold. Gate Brdcstg. Co.
KGGF	Pieher, Okla.	(WNAD)	500	1010	296.9	D. L. Connell, M. D.
KGGM	Albuquerque, N. Mex.		500	1230	243.8	N. Mex. Brdcstg. Co.
KGHB	Honolulu, Hawaii		250	1320	227.1	Radio Sales Co.
KGHF	Pueblo, Colo.		250	1320	227.1	Ritchie & Finch.
KGHG	McGehee, Ark.		50	1310	228.9	Chas. W. McCollum.
KGHI	Little Rock, Ark.		100	1200	249.9	Berean Bible Class.
KGHL	Billings, Mont.		500	950	315.6	N. W. Auto Sup. Co.
KGHX	Richmond, Tex.		50	1500	199.9	County School Board.
KGIQ	Twin Falls, Idaho	(KID)	250	1320	227.1	Radio Brdcstg. Corp.
KGIR	Butte, Mont.	(KFBB)	250	1360	220.4	Symons Brdcstg. Co.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
KGIW	Trinidad, Colo.		100	1420	211.1	Trin. Creamery Co.
KGIX	Las Vegas, Nev.	(C. P. only)	100	1420	211.1	J. M. Heaton.
KGJF	Little Rock, Ark.		250	890	336.9	1st Ch., the Nazarene.
KGKB	Brownwood, Tex.		100	1500	199.9	Eagle Publishing Co.
KGKG	Minot, N. D.		100	1420	211.1	E. C. Reineke.
KGKL	San Angelo, Tex.		100	1370	218.8	KGKL, Inc.
KGKO	Wichita Falls, Tex.		500-250	570	526.0	Wich. Falls Brdcstg. Co.
KGKX	Sand Point, Idaho		15	1420	211.1	C. E. Twiss
KGO	Oakland, Cal.	(KGCI)	7500	790	379.5	General Electric Co.
KGRC	San Antonio, Tex.	(WDAG)	100	1370	218.8	Eugene J. Roth.
KGRS	Amarillo, Tex.		1000	1410	212.6	Gish Radio Service.
KGU	Honolulu, Hawaii		500	940	319.0	M. Mulrony & Adv. Pub.
KGW	Portland, Ore.		1000	620	483.6	Oregonian Pub. Co.
KGY	Lacey, Wash.		50-10	1200	249.9	St. Martin's College.
KHJ	Los Angeles, Cal.		1000	900	333.1	Don Lee, Inc.
KHQ	Spokane, Wash.		2000-1000	590	508.2	Louis Wasmer, Inc.
KICK	Red Oak, Iowa		100	1420	211.1	R. Oak Rad. Corp.
KID	Idaho Falls, Idaho	(KGIQ)	250	1320	227.1	J. W. Duckworth, Jr.
KIDO	Boise, Idaho		1000	1250	239.9	Boise Brdcst. Station.
KIT	Yakima, Wash.	(KFJI)	50	1370	218.8	Carl E. Haymond.
KJBS	San Francisco, Cal.	(Daylight)	100	1070	280.2	J. Brunton & Sons Co.
KJR	Seattle, Wash.		5000	970	309.1	N. W. Radio Serv. Co.
KLCN	Blytheville, Ark.	(Daylight)	50	1290	232.4	C. L. Lintzenich.
KLDS-KMBC	See KMBC-KLDS.					
KLO	Ogden, Utah		200-100	1370	218.8	Perry Building Co.
KLRA	Little Rock, Ark.	(KUOA)	1000	1390	215.7	Ark. Brdcstg. Co.
KLS	Oakland, Cal.	(Daylight)	250	1440	208.2	Warner Bros.
KLX	Oakland, Cal.		500	880	340.7	Tribune Pub. Co.
KLZ	Denver (Dupont), Colo.		1000	560	535.4	Reynolds Radio Co.
KMA	Shenandonh, Iowa	(KGBZ)	1000-500	930	322.4	May Seed & Nurs. Co.
KMBC	Independence, Mo.		1500-1000	950	315.6	Midland Brdcstg. Co.
KMED	Medford, Ore.		50	1310	228.9	Mrs. W. J. Virgin.
KMIC	Inglewood, Cal.	(KFSG)	500	1120	267.7	Dalton's, Inc.
KMJ	Fresno, Cal.		100	1200	249.9	Fresno Bee.
KMMJ	Clay Center, Neb.	(Lim. time)	1000	740	405.2	M. M. Johnson Co.
KMO	Tacoma, Wash.	(KFPY)	500	1340	223.7	KMO, Incorporated.
KMOX-KFQA	St. Louis (Kirkwood), Mo.		50000	1090	275.1	Voice of St. L., Inc.
KMTR	Los Angeles (Hollywood), Cal.		500	570	526.0	KMTR Radio Corp.
KNX	Los Angeles (Hollyw'd), Cal.		5000	1050	285.5	Western Broadcast Co.
KOA	Denver, Colo.		12500	830	361.2	General Electric Co.
KOAC	Corvallis, Ore.		1000	560	535.4	State Agricult. College.
KOB	State College, N. Mex.	(KEX)	20000	1180	254.1	Col. Ag. & Mech. Arts.
KOCW	Chickasha, Okla.		500-250	1400	214.2	Okla. Col. for Women.
KOH	Reno, Nev.		100	1370	218.8	Jay Peters, Inc.
KOIL	Council Bluffs, Iowa		2500-1000	1260	238.0	Mona Motor Oil Co.
KOIN	Portland (Sylvan), Ore.		1000	940	319.0	KOIN, Inc.
KOL	Seattle, Wash.	(KTW)	1000	1270	236.1	Seattle Brdcstg. Co.
KOMO	Seattle, Wash.		1000	920	325.9	Fisher's Blend Sta.
KOOS	Marshfield, Ore.	(C. P. only)	50	1370	218.8	H. H. Hanseth.
KORE	Eugene, Ore.		100	1420	211.1	Eugene Brdcst. Sta.
KOY	Phoenix, Ariz.		500	1390	215.7	Nielsen Rad. Sup. Co.
KPCB	Seattle, Wash.	(KPQ)	50	1210	247.8	Pac. C'st Biscuit Co.
KPJM	Prescott, Ariz.		100	1500	199.9	Miller & Klahn.
KPLA	Los Angeles, Cal.		1000	1000	299.9	Pac. Devel't Rad. Co.
KPO	San Francisco, Cal.		5000	680	440.9	Hale Bros. & Chronicle.
KPOF	Denver, Colo.	(KFKA)	5000	880	340.7	Pillar of Fire, Inc.
KPPC	Pasadena, Cal.	(KFWC)	50	1200	249.9	Pasadena Presby. Ch.
KPQ	Seattle, Wash.	(KPCB)	100	1210	247.8	Taft & Wasmer, Inc.
KPRC	Houston, Tex.		2500-1000	920	325.9	Houston Printing Co.
KPSN	Pasadena, Cal.	(KFWB)	1000	950	315.6	Star-News Pub. Co.
KPWF	Westminster, Cal.	(C. P. 50000)	10000	1490	201.2	Pac. West. Bdcstg. Fed.
KQV	Pittsburgh, Pa.	(WSMK)	500	1380	217.3	Doubleday-Hill El. Co.
KQW	San Jose, Cal.		500	1010	296.9	First Bapt. Church.
KRE	Berkeley, Cal.	(KZM)	100	1370	218.8	First Cong. Church.
KRGV	Harlingen, Tex.	(KWWG)	500	1260	238.0	Valley Rad.-Elec. Corp.
KRLD	Dallas, Tex.	(KTHS)	10000	1040	288.3	KRLD, Inc.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
KRMD	Shreveport, La.	(KTSL)	50	1310	228.9	Robt. M. Dean.
KRSC	Seattle, Wash.	(Daylight)	50	1120	267.7	Radio Sales Corp.
KSAC	Manhattan, Kans.	(WSUI)	1000-500	580	516.9	State Agri. Col.
KSCJ	Sioux City, Iowa	(WTAQ)	1000	1330	225.4	Perkins Bros. Co.
KSD	St. Louis, Mo.	(KFUO)	500	550	545.1	Pulitzer Publishing Co.
KSEI	Pocatello, Idaho		250	900	333.1	KSEI Brdcstg. Assn.
KSL	Salt Lake City, Utah		5000	1130	265.3	Rad. Serv. Corp. Utah.
KSMR	Santa Maria, Cal.		100	1200	249.9	S. M. Val. R. R. Co.
KSO	Clarinda, Iowa	(WKBH)	500	1380	217.3	Berry Seed Co.
KSOO	Sioux Falls, S. D.	(Lim. time)	2000	1110	270.1	S. Falls Brdcst. Assn.
KSTP	St. Paul (Westcott), Minn.		10000	1460	205.4	Nat'l Bat. Brdcstg. Co.
KTAB	Oakland, Cal.		500	550	545.1	Associated Broadcasters.
KTAP	San Antonio, Tex.		100	1420	211.1	Alamo Brdcstg. Co.
KTAT	Fort Worth, Tex.	(WJAD)	1000	1240	241.8	Tex. Air Transp. Brdcstg. Co.
KTBI	Los Angeles, Cal.	(KGEF)	750	1300	230.6	Bible Institute.
KTBR	Portland, Ore.	(KFJR)	500	1300	230.6	M. E. Brown.
KTBS	Shreveport, La.		500	1450	206.8	Elliott & Steere.
KTHS	Hot Springs, Ark.	(KRLD)	10000	1040	288.3	Chamber of Com.
KTM	Los Angeles (Santa Monica), Cal.	(KELW)	1000-500	780	384.4	Pickw'k Brdcstg. Corp.
KTNT	Muscatine, Iowa	(Lim. time)	5000	1170	256.3	Norman Baker.
KTSA	San Antonio, Tex.	(KFUL)	2000-1000	1290	232.4	Lone Star Brdcstg. Co.
KTSL	Shreveport (Cedar Grove), La.	(KRMD)	100	1310	228.9	Houseman Sht. Metal Wks.
KTSM	El Paso, Tex.	(WDAH)	100	1310	228.9	Bledsoe & Blackwell.
KTUE	Houston, Tex.		100-5	1420	211.1	Uhalt Electric Co.
KTW	Seattle, Wash.	(KOL)	1000	1270	236.1	First Presby. Church.
KUJ	Longview, Wash.		10	1500	199.9	Columb. Brdcstg. Co.
KUOA	Fayetteville, Ark.	(KLRA)	1000	1390	215.7	Universtiy of Ark.
KUOM	Missoula, Mont.		500	570	526.0	University of Mont.
KUSD	Vermillion, S. D.	(KFNF-WILL) (Night)	750-500	890	336.9	University of S. D.
KUT	Austin, Tex.	(WTAW)	500	1120	267.7	KUT Brdcstg. Co.
KVI	Tacoma (Des Moines), Wash. (L. T.)		1000	760	394.5	Puget Snd. Brdcst. Co.
KVL	Seattle, Wash.	(KFBL)	100	1370	218.8	A. C. Dailey.
KVOA	Tucson, Ariz. (C. P. only)	(Daylight)	500	1260	238.0	R. M. Riculfi.
KVOO	Tulsa, Okla.	(WAPI)	5000	1140	263.0	S. W. Sales Corp.
KVOS	Bellingham, Wash.		100	1200	249.9	KVOS, Inc.
KWBS	Portland, Ore.		15	1500	199.9	Schaeffer Rad. Co.
KWCR	Cedar Rapids, Ia.	(KFJY-KFGQ)	100	1310	228.9	H. F. Paar.
KWEA	Shreveport, La.		100	1210	247.8	Wm. E. Anthony.
KWG	Stockton, Cal.		100	1200	249.9	Portbl. Wireless Tel. Co.
KWJJ	Portland, Ore.	(Limited time)	500	1060	282.8	Wilbur Jerman.
KWK	St. Louis, Mo.		1000	1350	221.1	Grtr. St. L. Brd. Corp.
KWKC	Kansas City, Mo.	(KGBX)	100	1370	218.8	W. Duncan Brdcst. Co.
KWKH	Shreveport (Kennonw'd), La.	(WWL) (C. P. 20000)	10000	850	352.7	W. K. Henderson.
KWLC	Decorah, Ia.	(KGCA) (Daylight)	100	1270	236.1	Luther College.
KWSC	Pullman, Wash.	(KFPY)	500	1390	215.7	Wash. State College.
KWTC	Santa Ana, Cal.		100	1500	199.9	Pac.-West. Brdcstg. Fed.
KWWG	Brownsville, Tex. (C.P.1000)	(KRGV)	500	1260	238.0	Chamber of Commerce.
KXA	Seattle, Wash.		500	570	526.0	Amer. Rad. Teleph. Co.
KXL	Portland, Ore.		500	1250	239.9	KXL Broadcasters, Inc.
KXO	El Centro, Cal.		100	1200	249.9	Irey & Bowles.
KXRO	Aberdeen, Wash.		75	1420	211.1	KXRO, Inc.
KYA	San Francisco, Cal.		1000	1230	243.8	Pacific Brdcstg. Corp.
KYW-KFKX	Chicago, Ill.	(KYWA)	5000	1020	293.9	Westingh'se El. & Mfg. Co.
KYWA	Chicago, Ill.	(KYW-KFKX)	500	1020	293.9	Westingh'se El. & Mfg. Co.
KZIB	Manila, P. I.		20	1200	249.9	I. Beck, Inc.
KZM	Hayward, Cal.	(KRE)	100	1370	218.8	Leon P. Tenney.
KZRQ	Manila, P. I.		1000	726	413.0	Far Eastern Rad., Inc.
WAAF	Chicago, Ill.	(Daylight)	500	920	325.9	Drovers Journal.
WAAT	Jersey City, N. J.	(Lim. time)	300	1070	280.2	Bremer Broadcasting Corp.
WAAW	Omaha, Neb.	(Daylight)	500	660	454.3	Omaha Grain Exchange.
WABC-WBOQ	N. York (Queen's Co.), N. Y.		5000	860	348.6	Atlantic Brdcstg. Corp.
WABI	Bangor, Me.		100	1200	249.9	First Universalist Church.

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Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WABO-WHEC—See WHEC-WABO.						
WABZ	New Orleans, La.	(WJBW)	100	1200	249.9	Coliseum Pl. Bap. Church.
WADC	Akron, Ohio		1000	1320	227.1	Allen T. Simmons.
WAGM	Royal Oak, Mich.		50	1310	228.9	Robert L. Miller.
WAIU	Columbus, Ohio	(Ltd. time)	500	640	468.5	American Ins. Union.
WAPI	Birmingham, Ala.	(KVOO)	5000	1140	263.0	Ala. Polytech. Inst.
WASH	Grand Rapids, Mich.	(WOOD)	500	1270	236.1	WASH Brdcstg. Corp.
WBAK	Harrisburg, Pa.	(WHP-WCAH)	500	1430	209.7	Penn. State Police.
WBAL	Baltimore (Glen Morris), Md. (WTIC)		10000	1060	282.8	Consol. Gas & Elec. Co.
WBAP	Ft. Worth, Tex.	(WFAA) C. P.	50000	800	347.8	Carter Pub., Inc.
WBAW	Nashville, Tenn.	(WLAC)	5000	1490	201.6	Tenn. Pub. Co.
WBAX	Wilkes-Barre, Pa.	(WJBU)	100	1210	247.8	John H. Stenger, Jr.
WBBC	Brooklyn, N. Y. (WSGH-WSDA-WCGU-WLTH)		500	1400	214.2	Brooklyn Broadcasting Corp.
WBBL	Richmond, Va.		100	1370	218.8	Grace Covenant Presb. Ch.
WBBM-WJBT	Chicago (Glenview), Ill. (KFAB) (C. P. 25000)		10000	770	389.4	Atlas Invest. Co.
WBBR	Rossville, N. Y. (WHAZ-WHAP-WEVD)		1000	1300	230.6	People's Pulpit Assoc.
WBBY	Charleston, S. C.		75	1200	249.9	Washington Light Inf.
WBBZ	Ponca City, Okla.		100	1200	249.9	C. L. Carrell.
WBCM	Bay City (Hampton Twp.), Mich.		500	1410	212.6	Jas. E. Davidson.
WBCN-WENR—See WENR-WBCN.						
WBIS-WNAC—See WNAC-WBIS.						
WBMS	New York, N. Y. (Fort Lee, N. J.) (WNJ-WIBS-WKBO)		250	1450	206.8	WBMS Broadcasting Corp.
WBNY	New York, N. Y. (WCDA-WKBQ-WMSG)		250	1350	222.1	Baruchrome Corporation.
WBOQ-WABC—See WABC-WBOQ.						
WBOW	Terre Haute, Ind.		100	1310	228.9	Banks of Wab., Inc.
WBRC	Birmingham, Ala.		1000-500	930	322.4	Birmingham Brdcst. Corp.
WBRE	Wilkes-Barre, Pa.		100	1310	228.9	Louis G. Baltimore.
WBRL	Tilton, N. H.		500	1430	209.7	Booth Laboratories, Inc.
WBSO	Babson Park, Mass.	(Daylight)	250	780	384.4	Babson Statis. Org'zation.
WBT	Charlotte, N. C.	(C. P. 10000)	5000	1080	277.6	Station WBT, Inc.
WBZ	Springfield (E. Springfield), Mass. (WBZA)		15000	990	302.8	Westinghouse El. & Mfg. Co.
WBZA	Boston, Mass.	(WBZ)	500	990	302.8	Westinghouse El. & Mfg. Co.
WCAC	Storrs, Conn.		250	600	499.7	Conn. Agricultural Col.
WCAD	Canton, N. Y.	(Daylight)	500	1220	245.6	St. Lawrence University.
WCAE	Pittsburgh, Pa.		500	1220	245.6	Kaufmann & Baer Co.
WCAH	Columbus, Ohio	(WBAK-WHP)	500	1430	209.7	Commerc'l Rad. Serv. Co.
WCAJ	Lincoln, Neb.	(WOW)	500	590	508.2	Nebr. Wesleyan Univ'ty.
WCAL	Northfield, Minn. (KFMX-WRHM-WLB)		1000	1250	239.9	St. Olaf College.
WCAM	Camden, N. J.	(WOAX-WCAP)	500	1280	234.2	City of Camden.
WCAO	Baltimore, Md.		250	600	499.7	Monumental Radio, Inc.
WCAP	Asbury Park, N. J. (WCAM-WOAX)		500	1280	234.2	Rad. Indust. Brdcst. Co.
WCAT	Rapid City, S. D.		100	1200	249.9	State School of Mines.
WCAU	Philadelphia (Byberry), Pa.		10,000	1170	256.3	Universal Brdcstg. Co.
WCAZ	Carthage, Ill.	(Daylight)	50	1070	280.2	Carthage College.
WCBA	Allentown, Pa.	(WSAN)	250	1440	208.2	B. B. Musselman.
WCBD	Zion, Ill.	(WMBI) (Lim. time)	5000	1080	277.6	Wilbur G. Voliva.
WCBM	Baltimore, Md.		100	1370	218.8	Balt. Brdcstg. Corp.
WCBS	Springfield, Ill.	(WTAX)	100	1210	247.8	Dewing & Messter.
WCCO	Minneapolis (Anoka), Minn. (C. P. 15,000)		7500	810	370.2	Washburn Crosby Co.
WCDA	New York, N. Y. (Cliffside, N. J.) (WBNY-WKBQ-WMSG)		250	1350	222.1	Italian Educat. Brdcst. Co.
WCFL	Chicago, Ill.	(Lim. time and power)	1500	970	309.1	Chicago Fed. of Lab.
WCGU	Coney Island, N. Y. (WSGH-WSDA-WLTH-WBBC)		500	1400	214.2	U. S. Broadcast Corp.
WCKY	Covington, Ky. (WSOA-WJAZ-WORD)		5000	1480	202.6	L. B. Wilson.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WCLB	Brooklyn (Long Beach), N. Y.	(WMBQ-WLBX-WWRL)	100	1500	199.9	Arthur Faske.
WCLO	Kenosha, Wis.		100	1200	249.9	C. E. Whitmore.
WCLS	Joliet, Ill.	(WEHS-WKBB-WKBI-WHFC)	100	1310	228.9	WCLS, Inc.
WCMA	Culver, Ind.	(WBAA-WKBF)	500	1400	214.2	Culver Mil. Academy.
WCOA	Pensacola, Fla.		500	1120	267.7	City of Pensacola.
WCOC	Columbus, Miss.	1000-500	880	340.7	Crystal Oil Co.
WCOD	Harrisburg, Pa.	(WKJC)	100	1200	249.9	N. R. Hoffman.
WCOH	Yonkers (Greenville), N. Y.	(WJBI-WGBB-WINR)	100	1210	247.8	Westchester Brdcst. Corp.
WCRW	Chicago, Ill.	(WSBC-WEDC)	100	1210	247.8	Clinton R. White.
WCSH	Portland (Cumberland), Me.		500	940	319.0	Congress Sq. Hotel Co.
WCSO	Springfield, Ohio	(WFJC)	500	1450	206.8	Wittenberg College.
WCX	See WJR-WCX.					
WDAE	Tampa, Fla.	(WDBO)	1000	620	483.6	Tampa Pub. Co.
WDAF	Kansas City, Mo.	(WOQ)	1000	610	491.5	Kansas City Star.
WDAG	Amarillo, Tex.	(KGRS)	250	1410	212.6	Nat'l. Rad. & Brdcstg. Corp.
WDAH	El Paso, Tex.		100	1310	228.9	Trintiy M. E. Ch.
WDAY	Fargo (W. Fargo), N. D.	(WEBC)	1000	1280	234.2	WDAY, Inc.
WDBJ	Roanoke, Va.	500-250	930	322.4	Rich'dson—Wayl'nd El. Co.
WDBO	Orlando, Fla.	(WDAE)	1000	620	483.6	Rollins College.
WDEL	Wilmington, Del.	(L.T)350-250	1120	267.7	WDEL, Inc.
WDGY	Minneapolis, Minn.	(WHDI)	1000	1180	254.1	Dr. Geo. W. Young.
WDOD	Chattanoogn, Tenn.	2500-1000	1280	234.2	Chatt. Radio Co.
WDRC	New Haven, Conn.		500	1330	225.4	Doolittle Rad. Corp.
WDSU	New Orlenns, La.		1000	1250	239.9	Uhalt Radio Co.
WDWF-WLSI	Providence (Cranston), R. I.	(WPAW)	100	1210	247.8	D. Flint—Lincoln Studios.
WDZ	Tuscola, Ill.	(Daylight)	100	1070	280.2	James L. Bush.
WEAF	New York (Bellmore), N. Y.	50000	660	454.3	Nat'l Brdcstg. Co., Inc.
WEAI	Ithnca, N. Y.	(Daylight)	500	1270	236.1	Cornell University.
WEAN	Providence, R. I.	500-250	550	545.0	Shepard Co.
WEAO	Columbus, Ohio	(WKBN)	750	570	526.0	State University.
WEAR	Cleveland, Ohio	(WTAM)	1000	1070	280.2	WTAM and WEAR, Inc.
WEBC	Duluth, Minn. (Superior, Wis.)	(WDAY)	1000	1280	234.2	H'd of Lakes Brdcst. Co.
WEBE	Cambridge, Ohio		100	1210	247.8	R. W. Waller.
WEBQ	Harrisburg, Ill.	(KFVS)	100	1210	247.8	First Tr'st & Sav. Bank.
WEBR	Buffalo, N. Y.	200-100	1310	228.9	H. H. Howell.
WEBW	Beloit, Wis.	(Daylight)	350	600	499.7	Beloit College.
WEDC	Chicago, Ill.	(WCRW-WSBC)	100	1210	247.8	Emil Denemark, Inc.
WEDH	Erie, Pn.		30	1420	211.1	Dispatch-Herald.
WEEI	Boston, (Weymouth), Mass.		1000	590	508.2	Edison Elect. Ilum. Co.
WEHS	Evanston, Ill.	(WHFC-WKBI-WCLS-WKBB)	100	1310	228.9	Victor C. Carlson.
WELK	Philadelphia, Pa.		100	1370	218.8	H. Miller.
WEMC	Berrien Springs, Mich.	(Daylight)	1000	590	508.2	Emman'l Miss'nary Col'ge.
WENR-WBCN	Chicago, Ill.	(WLS) (L. P.)50000		870	244.6	Gr't Lakes Brdcst. Co.
WEVD	New York (Forest Hills), N. Y.	(WBBR-WHAP-WHAZ)	500	1300	230.6	Debs Memorial Fund.
WEW	St. Louis, Mo.	(Daylight)	1000	760	394.5	St. Louis University.
WFAA	Dallas, Tex. (WBAP)	(C. P. 50000)	5000	800	374.8	News & Journal.
WFAN	Philadelphia, Pa.	(WIP)	500	610	491.5	Keystone Brdcst. Co.
WFBC	Knoxville, Tenn.		50	1200	249.9	First Baptist Church.
WFBG	Altoona, Pa.	(WHBP)	100	1310	228.9	Wm. F. Gable Co.
WFBJ	Collegeville, Minn.		100	1370	218.8	St. John's University.
WFBL	Syracuse, N. Y.	(WMAK)	750	900	333.1	Onandaga Hotel Co.
WFBM	Indianapolis, Ind.	(WSBT)	1000	1230	243.8	Indnap. Pow. & Lt. Co.
WFBR	Baltimore, Md.		250	1270	236.1	Balt. Rad. Show, Inc.
WFDF	Flint, Mich.		100	1310	228.9	Frank D. Fallain.
WFI	Philadelphia, Pa.	(WLIT)	500	560	535.4	Strawbridge & Clothier
WFIW	Hopkinsville, Ky.		1000	940	319.0	The Acme Mills, Inc.
WFJC	Akron, Ohio	(WCSO)	500	1450	206.8	Jones Brdcstg., Inc.
WFKD	Philadelphia (Wissinoming), Pa.	(WNAT)	50	1310	228.9	Foulkrod Rad. Eng. Co.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WFLA-WSUN	St. Petersb'g (Clrwtr), Fla.		2500-1000	900	333.1	Chambers of Commerce
WGAL	Lancaster, Pa.	(WRAW)	15	1310	228.9	El. Sup. & Con. Co.
WGBB	Freeport, N. Y.	(WJBI-WINR-WCOH)	100	1210	247.8	Harry H. Carman.
WGBC	Memphis, Tenn.	(WNBR)	500	1430	209.7	First Baptist Church.
WGBF	Evansville, Ind.	(WOS-KFRU)	500	630	475.9	Ev'sv. on the Air, Inc.
WGBI	Scranton, Pa.	(WQAN)	250	880	340.7	Scranton Brdcstrs., Inc.
WGBS	New York, (Astoria, L. I.) N. Y. (L.T.)		500	1180	254.1	Gen'l. Brdcstg. System.
WGCM	Gulfport, Miss.		100	1210	247.8	Gulf Coast Music Co.
WGCP	Newark, N. J.	(WODA-WAAM)	250	1250	239.9	May Brdcst. Corp.
WGES	Chicago, Ill.	(WJKS)	500	1360	220.4	Oak L'ves Brdcst. Corp.
WGH	Newport News, Va.		100	1310	228.9	Virginia Brdcstg. Co.
WGHP	Detroit (Fraser), Mich.		750	1240	241.8	Amer. Brdcstg. Corp.
WGL	Fort Wayne, Ind.		100	1370	218.8	Fred C. Zieg.
WGMS-WLB	See WLB-WGMS.					
WGN-WLIB	Chicago (Elgin), Ill.		25000	720	416.4	Tribune Co.
WGR	Buffalo (Amherst), N. Y.		1000	550	545.1	Rad. Station WGR, Inc.
WGST	Atlanta, Ga.	(WMAZ)	500-250	890	336.9	Ga. Schl. Technology.
WGY	S. Schenectady, N. Y.		50000	790	379.5	General Electric Co.
WHA	Madison, Wis.	(Daylight)	750	940	319.0	University of Wis.
WHAD	Milwaukee, Wis.	(WISN)	250	1120	267.7	Marquette University.
WHAM	Rochester (Victor Twp.), N. Y.		5000	1150	260.7	Stromberg-Carlson Co.
WHAP	New York, N. Y. (Carlstadt, N. J.)	(WBBR-WEVD-WHAZ)	1000	1300	230.6	Defndrs. of Truth Soc.
WHAS	Louisville (Jeffersontown), Ky.	(C. P. 10,000)	5000	820	365.6	Cour.-Jour. & Times.
WHAZ	Troy, N. Y. (WBBR-WHAP-WEVD)		500	1300	230.6	Rennselaer Polytec. Inst.
WHB	Kansas City, Mo.	(KMBC)	500	950	315.6	Sweeney Auto School.
WHBC	Canton, Ohio	WNBO (Sundays)	10	1200	249.9	St. John's Parish.
WHBD	Bellefontaine, Ohio		100	1370	218.8	F. P. Moler.
WHBF	Rock Island, Ill.		100	1210	247.8	Beardsley Specialty Co.
WHBL	Sheboygan, Wis.	(KFLV)	500	1410	212.6	Press Pub. Co.
WHBQ	Memphis, Tenn.		100	1370	218.8	Brdcst. Sta. WHBQ, Inc.
WHBU	Anderson, Ind.		100	1210	247.8	Citizens' Bank.
WHBY	West DePere, Wis.	(L. T.)	100	1200	249.9	St. Norbert's College.
WHDF	Calumet, Mich.		250	1370	218.8	Up. Mich. Brdcstg. Co.
WHDH	Gloucester, Mass.	(Daylight)	1000	830	361.2	Matheson Rad. Co.
WHDI	Minneapolis, Minn.	(L.T.) (WDGY)	500	1180	254.1	Dunwoody Indust. Ins.
WHDL	Tupper Lake, N. Y.	(Daylight)	10	1420	211.1	G. F. Bissell.
WHEC-WABO	Rochester, N. Y.	(WOKO)	500	1440	208.2	Hickson Elec. Co.
WHFC	Chicago (Cicero), Ill.	(WCLS-WKBB-WKBI-WEHS)	100	1310	228.9	Triangle Broadcasters.
WHIS	Bluefield, W. Va. (C. P. only)		100	1420	211.1	Daily Telegraph Co.
WHK	Cleveland, (Independence), Ohio		1000	1390	215.7	Rad. Air Serv. Corp.
WHN	New York, N. Y.	(WRNY-WQAO-WPAP)	250	1010	296.9	Loew Booking Co.
WHO	Des Moines, Iowa	(WOC)	5000	1000	299.8	Bankers Life Co.
WHP	Harrisburg (Lemoyne), Pa.	(WBAK-WCAH)	500	1430	209.7	Penn. Brdcstg. Co.
WIAS	Ottumwa, Iowa		100	1420	211.1	Poling Electric Co.
WIBA	Madison, Wis.		100	1210	247.8	Cap. Tms.-Strand Thtre.
WIBG	Elkins Park, Pa.	(Daylight)	50	930	322.4	St. Paul's Episcopal Ch.
WIBM	Jackson, Mich.	(WJBK)	100	1370	218.8	C. L. Carrell.
WIBO	Chicago (Desplaines), Ill.	(WNAX-WPCC)	1500-1000	570	526.0	Nelson Bros.
WIBR	Steubenville, Ohio	(WQBZ)	50	1420	211.1	G. W. Robinson.
WIBS	Elizabeth (Kenilworth), N. J.	(WBMS-WNJ-WKBO)	250	1450	206.8	N. .J Brdcstg. Corp.
WIBU	Poynette, Wis.		100	1310	228.9	Wm. Forest.
WIBW	Topeka, Kans.	(KFH)	2500-1000	1300	230.6	Topeka Brdcstg. Asso.
WIBX	Utica, N. Y.		800-100	1200	249.9	WIBX, Inc.
WIL	St. Louis, Mo.	(KFWF-WMAY)	250-100	1200	249.9	Mo. Brdcstg. Corp.
WILL	Urbana, Ill.	(KFNF-KUSD)	500-250	890	336.9	Univers. of Ill.
WILM	Wilmington, Del.		100	1420	211.1	Del. Brdcstg. Co.
WINR	Bay Shore, N. Y.	(WJBI-WGBB-WCOH)	100	1210	247.8	Radiotel Mfg. Co.

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WIOD	Miami Beach, Fla.		1000-500	560	535.4	I. of Drms Brdcstg. Co.
WIP	Philadelphia, Pa.	(WFAN)	500	610	491.5	Gimbel Brothers.
WISN	Milwaukee, Wis.	(WHAD)	250	1120	267.7	Evening Wis. Co.
WJAC	Johnstown, Pa.	(WFBG)	100	1310	228.9	Johnstown Auto Co.
WJAD	Waco, Tex.	(KTAT)	1000	1240	241.8	F. P. Jackson.
WJAG	Norfolk, Neb.	(Lim. time)	1000	1060	282.8	Norfolk Daily News.
WJAK	Marion, Ind.	(WLBC)	50	1310	228.9	Marion Brdcstg. Co.
WJAR	Providence, R. I.		400-250	890	336.9	The Outlet Co.
WJAS	Pittsburgh, Pa.		1000	1290	232.4	Pitts. Rad. Sup. House.
WJAX	Jacksonville, Fla.		1000	1260	238.0	City of Jacksonville.
WJAY	Cleveland, Ohio	(Daylight)	500	620	483.6	Clevel. Rad. Brdcst. Corp.
WJAZ	Chicago (Mt. Prospect), Ill. (WSOA-WCKY-WORD)		5000	1480	202.6	Zenith Radio Corp.
WJBC	LaSalle, Ill.	(WJBL)	100	1200	249.9	Hummer Furniture Co.
WJBI	Red Bank, N. J. (WGBB-WINR-WCOH)		100	1210	247.8	Robt. S. Johnson.
WJBK	Ypsilanti, Mich.	(WIBM)	50	1370	218.8	Jas. F. Hopkins.
WJBL	Decatur, Ill.	(WJBC)	100	1200	249.9	Gushard D. G. Co.
WJBO	New Orleans, La.		100	1370	218.8	Valdemar Jensen.
WJBT-WBBM	See WBBM-WJBT.					
WJBU	Lewisburg, Pa.	(WBAX)	100	1210	247.8	Bucknell University.
WJBW	New Orleans, La.	(WABZ)	30	1200	249.9	C. Carlson, Jr.
WJBY	Gadsden, Ala.		50	1210	247.8	Chas. J. Black.
WJDW	Emory, Va.	(C. P. only)	100	1370	218.8	Emory & Henry College.
WJDX	Jackson (Hinds), Miss.	(C.P.only)	1000-500	1270	236.1	Lamar Life Ins. Co.
WJDZ	Winston-Salem, N. C.	(C. P. only)	100	1310	228.9	Winston-Salem Journal.
WJJD	Chicago (Mooseheart), Ill.	(Lim. time)	20000	1130	265.3	Supreme Lodge, Moose.
WJKS	Gary, Ind.	(WGES)	1250-500	1360	220.4	Johnson-Kennedy Rad. Corp.
WJR	Detroit (Pontiac), Mich.		5000	750	399.8	WRJ, Goodwill Sta., Inc.
WJSV	Wash., D. C. (Mt. Vernon Hills, Va.)		10000	1460	205.4	Independ. Pub. Co.
WJW	Mansfield, Ohio		100	1210	247.8	Mansfield Brdcstg. Assn.
WJZ	New York, N. Y. (Bound Br'k, N. J.)		30000	760	394.5	Rad. Corp. of Amer.
WKAQ	San Juan, P. R.		500	890	336.9	Rad. Corp. of Porto Rico.
WKAR	E. Lansing, Mich.	(Daylight)	1000	1040	288.3	Mich. State College.
WKAV	Laconia, N. H.		100	1310	228.9	Laconia Radio Club.
WKBB	Joliet, Ill. (WEHS-WCLS-WKBI-WHFC)		100	1310	228.9	Sanders Bros.
WKBC	Birmingham, Ala.		100	1310	228.9	Broyles Furn. Co.
WKBF	Indianapolis, Ind.	(WBAA-WCMA)	500	1400	214.2	Indianap. Brdcstg., Inc.
WKBH	La Crosse, Wis.	(KSO)	1000	1380	217.3	Joseph Callaway.
WKBI	Chicago, Ill. (WCLS-WKBB-WHFC-WEHS)		50	1310	228.9	Fred L. Schoenwolf.
WKBN	Youngstown, Ohio	(WEAO)	500	570	526.0	W. P. Williamson, Jr.
WKBO	Jersey City, N. J. (WBMS-WNJ-WIBS)		250	1450	206.8	Camith Corporation.
WKBP	Battle Creek, Mich.		50	1420	211.1	Enquirer News Co.
WKBQ	New York, N. Y. (WBNY-WMSG-WCDA)		250	1350	222.1	Standard Cahill Co.
WKBS	Galesburg, Ill.	(WLBO)	100	1310	228.9	Permil N. Nelson.
WKBV	Brookville, Ind.		150-100	1500	199.9	Knox Battery & Elec. Co.
WKBW	Buffalo (Amherst), N. Y.		5000	1470	204.0	Churchill Evang. Assn.
WKBZ	Ludington, Mich.		50	1500	199.9	Karl L. Ashbacker.
WKEN	Buffalo (Grand Island), N. Y.	(L. T.)	1000	1040	288.3	WKEN, Inc.
WKJC	Lancaster, Pa.	(WPRC)	100	1200	249.9	Kirk Johnson & Co.
WKRC	Cincinnati, Ohio		500	550	545.1	Kodel Elec. & Mfg. Co.
WKY	Oklahoma City, Okla.		1000	900	333.1	WKY Radiophone Co.
WLAC	Nashville, Tenn.	(WTNT)	5000	1490	201.6	Life & Casualty Co.
WLAP	Louisville (Okalona), Ky.		30	1200	249.9	Am. Brdcstg. Corp.
WLB-WGMS	Minneapolis, Minn. (WCAL-KFMX-WRHM)		500	1250	239.9	University of Minn.
WLBC	Muncie, Ind.	(WJAK)	50	1310	228.9	D. A. Burton.
WLBF	Kansas City, Kans.		100	1420	211.1	Everett L. Dillard.
WLBG	Petersburg (Ettrick), Va.		250-100	1200	249.9	R. A. Gamble.
WLBL	Stevens Point, Wis.	(D'l't) (C.P.3000)	2000	900	333.1	Wis Dep. of Markets.
WLBW	Oil City, Pa.		500	1260	238.0	Petroleum Tel. Co.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WLBX	Long Island City, N. Y.	(WCLB-WWRL-WMBQ)	100	1500	199.9	John N. Brahy.
WLBZ	Bangor, Me.		500-250	620	483.6	Me. Brdcstg. Co.
WLCI	Ithaca, N. Y.		50	1210	247.8	Luth. Assn., Ithaca.
WLEX	Boston (Lex'ton), Mass.	(WMAF)	500	1360	220.4	Lexington Air Stations.
WLEY	Boston (Lex'ton), Mass.	(WSSH)	250-100	1420	211.1	Lexington Air Stations.
WLIB-WGN	See WGN-WLIB.					
WLIT	Philadelphia, Pa.	(WFI)	500	560	535.4	Lit Brothers.
WLOE	Boston (Chelsea), Mass.	(WMES)	250-100	1500	199.9	Boston Brdcstg. Co.
WLS	Chicago (Crete), Ill.	(WENR-WBCN)	5000	870	344.6	Agricul. Brdcstg. Co.
WLSI-WDWF	See WDWF-WLSI.					
WLTH	Brooklyn, N. Y.	(WCGU-WSGH-WSDA-WBBC)	500	1400	214.2	Voice of Brooklyn, Inc.
WLW	Cincinnati (Mason), Ohio		50000	700	428.3	Crosley Radio Corp.
WLWL	New York, N. Y. (Kearney, N. J.)	(WPG) (Lim. time)	5000	1100	272.6	Society St. Paul.
WMAC	Cazenovia, N. Y.	(WSYR)	250	570	526.0	Clive B. Meredith.
WMAF	So. Dartmouth, Mass.	(WLEX)	500	1360	220.4	Round Hills Radio Corp.
WMAK	Buffalo (Martinsv.), N. Y.	(WFBL)	750	900	333.1	WMAK Brdcstg. Syst.
WMAL	Washington, D. C.		500-250	630	475.9	M. A. Leese Co.
WMAN	Columbus, Ohio		50	1210	247.8	Heskett Rad. Sta.
WMAQ	Chicago (Addison), Ill.		5000	670	447.5	Daily News.
WMAY	St. Louis, Mo.	(WIL-KFWF)	250-100	1200	249.9	Presby. Church.
WMAZ	Macon, Ga.	(WGST)	500-250	890	336.9	Jr. Chamb. of Com.
WMBA	Newport, R. I.		100	1500	199.9	Leroy J. Beebe.
WMBC	Detroit, Mich.		100	1420	211.1	Mich. Brdcstg. Co.
WMBD	Peoria Heights, Ill.	(WTAD)	1000-500	1440	208.2	Peoria Hts. Radio Lab.
WMBG	Richmond, Va.		100	1210	247.8	Havens & Martin, Inc.
WMBH	Joplin, Mo.		250-100	1420	211.1	E. D. Aber.
WMBI	Chicago (Addison), Ill.	(WCBD) (L.T.)	5000	1080	277.6	Moody Bible Inst.
WMBJ	Pittsburgh (Wilkinsburg), Pa.		100	1500	199.9	Rev. J. W. Sproul.
WMBL	Lakeland, Fla.		100	1310	228.9	Benford Radio Studios.
WMBO	Auburn, N. Y.		100	1370	218.8	Rad. Serv. Laboratories.
WMBQ	Brooklyn, N. Y.	(WCLB-WWRL-WLBX)	100	1500	199.9	P. J. Gollhofer.
WMBR	Tampa, Fla.		100	1210	247.8	F. J. Reynolds.
WMC	Memphis, Tenn.		1000-500	780	384.4	Commercial Appeal.
WMCA	New York, N. Y. (Hoboken, N. J.)	(WNYC)	500	570	526.0	Knick'b'k'r Brdcstg. Co.
WMES	Boston, Mass.	(WLOE)	50	1500	199.9	Mass. Educational Soc.
WMMN	Fairmont, W. Va.		500-250	890	336.9	Holt Rowe Nov. Co.
WMPC	Lapeer, Mich.		100	1500	199.9	First M. E. Church.
WMRJ	Jamaica, N. Y.	(WPOE-WHPP)	10	1420	211.1	Peter J. Prinz.
WMSG	New York, N. Y.	(WBNY-WCDA-WKBQ)	250	1350	222.1	Mad. Sq. Gar. Brdcst. Corp.
WMT	Waterloo, Iowa	(KFJB)	250-100	1200	249.9	Waterloo Brdcstg. Co.
WNAC-WBIS	Boston (Quincy), Mass.		1000	1230	243.8	Shepard Stores.
WNAD	Norman, Okla.	(KGGF)	500	1010	296.9	University of Oklahoma.
WNAT	Philadelphia, Pa.	(WFKD)	100	1310	228.9	Lennig Bros. Co.
WNAX	Yankton, S. D.	(WIBO-WPCC)	1000	570	526.0	Dak. Rad.-Gurney Seed.
WNBF	Binghamton, N. Y.		50	1500	199.9	Howitt-Wood Radio Co.
WNBH	New Bedford, Mass.		100	1310	228.9	New Bedford Brdcstg. Co
WNBJ	Knoxville, Tenn.		50	1310	228.9	Lonsdale Baptist Church.
WNBO	Washington, Pa. (WHBC)	(Sundays)	100	1200	249.9	John B. Spriggs.
WNBR	Memphis, Tenn	(WGBC)	500	1430	209.7	John Ulrich.
WNBW	Carbondale, Pa.		10	1200	249.9	Home Cut Glass Co.
WNBX	Springfield, Vt.	(WCAX)	10	1200	249.9	First Cong. Church.
WNBZ	Saranac Lake, N. Y.	(Daylight)	50	1290	232.4	Smith & Mace.
WNJ	Newark, N. J.	(WBMS-WIBS-WKBO)	250	1450	206.8	Radio Investment Co.
WNOX	Knoxville, Tenn.		2000-1000	560	535.4	Sterchi Bros.
WNRC	Greensboro, N. C.		250	1440	208.2	W. M. Nelson.
WNYC	New York, N. Y.	(WMCA)	500	570	526.0	City of New York.
WOAI	San Antonio, Tex.	(C. P. 50,000)	5000	1190	252.0	Southern Equipment Co.
WOAN	Lawrenceburg, Tenn.	(WREC)	500	600	499.7	Jas. D. Vaughan.

Call Signal	Location	Other Data	Watts	Kcs.	Meters	Owner
WOAX	Trenton, N. J.	(WCAM-WCAP)	500	1280	234.2	F. J. Wolff.
WOBT	Union City, Tenn.	250-100	1310	228.9	Tittswth. Rad. & Mus. Shop.	
WOBU	Charleston, W. Va.	(WSAZ)	250	580	516.9	Charleston Rad. Brdcstg. Co
WOC	Davenport, Iowa	(WHO)	5000	1000	299.8	Palmer Sch. Chiropractic.
WOCL	Jamestown, N. Y.		25	1210	247.8	A. E. Newton.
WODA	Paterson, N. J.	(WGCP-WAAM)	1000	1250	239.9	R. E. O'Dea.
WOI	Ames, Iowa	(KFEQ) (Daylight)	5000	560	535.4	Iowa State College.
WOK-WMBB—See WMBB-WOK.						
WOKO	Poughkeepsie (Mt. Beacon), N. Y.	(WHEC-WABO)	500	1440	208.2	Harold E. Smith.
WQL	Washington, D. C.		100	1810	228.9	Amer. Brdcstg. Co.
WOMT	Manitowoc, Wis.		100	1210	247.8	F. M. Kadow.
WOOD	Grand Rapids (Furnwood), Mich.	(WASH)	500	1270	236.1	Walter B. Stiles, Inc.
WOPI	Bristol, Tenn.		100	1500	199.9	Radiophone Serv. Co.
WOQ	Kansas City, Mo.	(WDAF)	1000	610	491.5	Unity Sch. Christianity.
WOR	Newark (Kearny), N. J.		5000	710	422.3	L. Bamberger & Co.
WORC	Auburn, Mass.	(WEPS)	100	1200	249.9	A. F. Kleindienst.
WORD	Chicago (Batavia), Ill.	(WJAZ-WSOA-WCKY)	5000	1480	202.6	People's Pulpit Assn.
WOS	Jefferson City, Mo.	(WGBF-KFRU)	1000-500	630	475.9	State Mktg. Bureau.
WOV	N. Y., N. Y. (Secaucus, N. J.)	(D'l't)	1000	1130	265.3	Internat. Brdcstg. Corp.
WOW	Omaha, Neb.	(WCAJ)	1000	590	508.2	Woodmen of the World.
WOWO	Fort Wayne, Ind.	(WWVA)	10000	1160	258.5	Main Auto Sup. Co.
WPAP-WQAO—See WQAD-WPAP.						
WPAW	Pawtucket, R. I.	(WDWF-WLSI)	100	1210	247.8	Shartenberg & Robinson.
WPCC	Chicago, Ill.	(WNAX-WIBO)	500	570	526.0	North Shore Cong. Church.
WPCH	New York, N. Y. (Hoboken, N. J.)	(Daylight)	500	810	370.2	Eastern Brdcsters, Inc.
WPEN	Philadelphia, Pa.	250-100	1500	199.9	Wm. Penn Brdcstg. Co.	
WPG	Atlantic City, N. J.	(WLWL)	5000	1100	272.6	Atlantic City Govt.
WPOE	Patchogue, N. Y.	(WHPP-WMRJ)	100-30	1420	211.1	Nassau Brdcstg. Corp.
WPOR-WTAR—See WTAR-WPOR.						
WPSC	State College, Pa.	(Daytime)	500	1230	243.8	Pa. State College.
WPTF	Raleigh, N. C.	(Ltd. time)	1000	680	440.9	Durham Life Ins. Co.
WQAM	Miami, Fla.		1000	1240	241.8	Miami Brdcstg. Co.
WQAN	Scranton, Pa.	(WGBI)	250	880	340.7	Scranton Times.
WQAO-WPAP	New York (Cl'side,N.J.), N.Y.	(WHN-WRNY)	250	1010	296.9	Calvary Baptist Church.
WQBC	Utica, Miss.		300	1360	220.4	Chamber of Commerce.
WQBZ	Weirton, W. Va.	(WIBR)	60	1420	211.1	J. H. Thompson.
WRAF	Laporte, Ind.	(WWAE)	100	1200	249.9	Radio Club, Inc.
WRAK	Erie, Pa.		50	1370	218.8	C. R. Cummins.
WRAW	Reading, Pa.	(WGAL)	100	1310	228.9	Ave. Rad. & Elect. Shop.
WRAX	Philadelphia, Pa.	(Daylight)	250	1020	293.9	Berachah Church, Inc.
WRBC	Valparaiso, Ind.	(Daylight)	500	1240	241.8	Immanuel Luth. Church.
WRBI	Tifton, Ga.		20	1310	228.9	Kent's Mus. & Furn. Store.
WRBJ	Hattiesburg, Miss.		100	1420	211.1	Woodruff Furniture Co.
WRBL	Columbus, Ga.		50	1200	249.9	Roy E. Martin.
WRBQ	Greenville, Miss.		100	1210	247.8	J. P. Scully.
WRBT	Wilmington, N. C.		100	1370	218.8	Wilmington Rad. Assn.
WRBU	Gastonia, N. C.		100	1210	247.8	Kirby Music Co.
WRC	Washington, D. C.		500	950	315.6	Radio Corp. of Am.
WREC	Memphis (Whiteh'v'n), Tenn.	1000-500 (WOAN)		600	499.7	WREC, Inc.
WREN	Lawrence, Kan.	(KFKU)	1000	1220	245.8	Jenny Wren Co.
WRHM	Minneapolis (Fridley), Minn.	(WCAL-KFMX-WLB)	1000	1250	239.9	Rosedale Hospital, Inc.
WRJN	Racine, Wis.		100	1370	218.8	Racine Brdcstg. Corp.
WRK	Hamilton, Ohio		100	1310	228.9	Doron & Slade.
WRNY	New York, N. Y. (Coytesville, N. J.)	(WQAO-WPAP-WHN)	250	1010	296.9	Aviation Rad. Sta.
WRR	Dallas, Tex.		500	1280	234.2	City of Dallas.
WRUF	Gainesville, Fla.		5000	1470	204.0	University of Florida.
WRVA	Richmond, Va.	(C. P. 5000)	1000	1110	270.1	Larus & Bro. Co.
WSAI	Cincinnati (Harrison), Ohio		500	1330	225.4	Crosley Rad. Corp.

Call Signal	Location	Other Data	Watts	Kcs.	Meters	Owner
WLBX	Long Island City, N. Y.	(WCLB-WWRL-WMBQ)	100	1500	199.9	John N. Brahy.
WLBZ	Bangor, Me.		500-250	620	483.6	Me. Brdcstg. Co.
WLCI	Ithaca, N. Y.		50	1210	247.8	Luth. Assn., Ithaca.
WLEX	Boston (Lex'ton), Mass.	(WMAF)	500	1360	220.4	Lexington Air Stations.
WLEY	Boston (Lex'ton), Mass.	(WSSH)	250-100	1420	211.1	Lexington Air Stations.
WLIB-WGN	See WGN-WLIB.					
WLIT	Philadelphia, Pa.	(WFI)	500	560	535.4	Lit Brothers.
WLOE	Boston (Chelsea), Mass.	(WMES)	250-100	1500	199.9	Boston Brdcstg. Co.
WLS	Chicago (Crete). Ill.	(WENR-WBCN)	5000	870	344.6	Agricul. Brdcstg. Co.
WLSI-WDWF	See WDWF-WLSI.					
WLTH	Brooklyn, N. Y.	(WCGU-WSGH-WSDA-WBBC)	500	1400	214.2	Voice of Brooklyn, Inc.
WLW	Cincinnati (Mason), Ohio		50000	700	428.3	Crosley Radio Corp.
WLWL	New York, N. Y. (Kearney, N. J.)	(WPG) (Lim. time)	5000	1100	272.6	Society St. Paul.
WMAC	Cazenovia, N. Y.	(WSYR)	250	570	526.0	Clive B. Meredith.
WMAF	So. Dartmouth, Mass.	(WLEX)	500	1360	220.4	Round Hills Radio Corp.
WMAK	Buffalo (Martinsv.), N. Y.	(WFBL)	750	900	333.1	WMAK Brdcstg. Syst.
WMAL	Washington, D. C.		500-250	630	475.9	M. A. Leese Co.
WMAN	Columbus, Ohio		50	1210	247.8	Heskett Rad. Sta.
WMAQ	Chicago (Addison), Ill.		5000	670	447.5	Daily News.
WMAY	St. Louis, Mo.	(WIL-KFWF)	250-100	1200	249.9	Presby. Church.
WMAZ	Macon, Ga.	(WGST)	500-250	890	336.9	Jr. Chamb. of Com.
WMBA	Newport, R. I.		100	1500	199.9	Leroy J. Beebe.
WMBC	Detroit, Mich.		100	1420	211.1	Mich. Brdcstg. Co.
WMBD	Peoria Heights, Ill.	(WTAD)	1000-500	1440	208.2	Peoria Hts. Radio Lab.
WMBG	Richmond, Va.		100	1210	247.8	Havens & Martin, Inc.
WMBH	Joplin, Mo.		250-100	1420	211.1	E. D. Aber.
WMBI	Chicago (Addison), Ill.	(WCBD) (L.T.)	5000	1080	277.6	Moody Bible Inst.
WMBJ	Pittsburgh (Wilkinsburg), Pa.		100	1500	199.9	Rev. J. W. Sproul.
WMBL	Lakeland, Fla.		100	1310	228.9	Benford Radio Studios.
WMBO	Auburn, N. Y.		100	1370	218.8	Rad. Serv. Laboratories.
WMBQ	Brooklyn, N. Y.	(WCLB-WWRL-WLBX)	100	1500	199.9	P. J. Gollhofer.
WMBR	Tampa, Fla.		100	1210	247.8	F. J. Reynolds.
WMC	Memphis, Tenn.		1000-500	780	384.4	Commercial Appeal.
WMCA	New York, N. Y. (Hoboken, N. J.)	(WNYC)	500	570	526.0	Knick'b'k'r Brdcstg. Co.
WMES	Boston, Mass.	(WLOE)	50	1500	199.9	Mass. Educational Soc.
WMMN	Fairmont, W. Va.		500-250	890	336.9	Holt Rowe Nov. Co.
WMPC	Lapeer, Mich.		100	1500	199.9	First M. E. Church.
WMRJ	Jamaica, N. Y.	(WPOE-WHPP)	10	1420	211.1	Peter J. Prinz.
WMSG	New York, N. Y.	(WBNY-WCDA-WKBQ)	250	1350	222.1	Mad. Sq. Gar. Brdcst. Corp.
WMT	Waterloo, Iowa	(KFJB)	250-100	1200	249.9	Waterloo Brdcstg. Co.
WNAC-WBIS	Boston (Quincy), Mass.		1000	1230	243.8	Shepard Stores.
WNAD	Norman, Okla.	(KGGF)	500	1010	296.9	University of Oklahoma.
WNAT	Philadelphia, Pa.	(WFKD)	100	1310	228.9	Lennig Bros. Co.
WNAX	Yankton, S. D.	(WIBO-WPCC)	1000	570	526.0	Dak. Rad.-Gurney Seed.
WNBF	Binghamton, N. Y.		50	1500	199.9	Howitt-Wood Radio Co.
WNBH	New Bedford, Mass.		100	1310	228.9	New Bedford Brdcstg. Co
WNBJ	Knoxville, Tenn.		50	1310	228.9	Lonsdale Baptist Church.
WNBO	Washington, Pa. (WHBC)	(Sundays)	100	1200	249.9	John B. Sprigga.
WNBR	Memphis, Tenn	(WGBC)	500	1430	209.7	John Ulrich.
WNBW	Carbondale, Pa.		10	1200	249.9	Home Cut Glass Co.
WNBX	Springfield, Vt.	(WCAX)	10	1200	249.9	First Cong. Church.
WNBZ	Saranac Lake, N. Y.	(Daylight)	50	1290	232.4	Smith & Mace.
WNJ	Newark, N. J.	(WBMS-WIBS-WKBO)	250	1450	206.8	Radio Investment Co.
WNOX	Knoxville, Tenn.		2000-1000	560	535.4	Sterchi Bros.
WNRC	Greensboro, N. C.		250	1440	208.2	W. M. Nelson.
WNYC	New York, N. Y.	(WMCA)	500	570	526.0	City of New York.
WOAI	San Antonio, Tex.	(C. P. 50,000)	5000	1190	252.0	Southern Equipment Co.
WOAN	Lawrenceburg, Tenn.	(WREC)	500	600	499.7	Jas. D. Vaughan.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WOAX	Trenton, N. J.	(WCAM-WCAP)	500	1280	234.2	F. J. Wolff.
WOBT	Union City, Tenn.		250-100	1310	228.9	Tittswth. Rad. & Mus. Shop.
WOBU	Charleston, W. Va.	(WSAZ)	250	580	516.9	Charleston Rad. Brdcstg. Co
WOC	Davenport, Iowa	(WHO)	5000	1000	299.8	Palmer Sch. Chiropractic.
WOCL	Jamestown, N. Y.		25	1210	247.8	A. E. Newton.
WODA	Paterson, N. J.	(WGCP-WAAM)	1000	1250	239.9	R. E. O'Dea.
WOI	Ames, Iowa	(KFEQ) (Daylight)	5000	560	535.4	Iowa State College.
WOK-WMBB—See WMBB-WOK.						
WOKO	Poughkeepsie (Mt. Beacon), N. Y.	(WHEC-WABO)	500	1440	208.2	Harold E. Smith.
WOL	Washington, D. C.		100	1310	228.9	Amer. Brdcstg. Co.
WOMT	Manitowoc, Wis.		100	1210	247.8	F. M. Kadow.
WOOD	Grand Rapids (Furnwood), Mich.	(WASH)	500	1270	236.1	Walter B. Stiles, Inc.
WOPI	Bristol, Tenn.		100	1500	199.9	Radiophone Serv. Co.
WOQ	Kansas City, Mo.	(WDAF)	1000	610	491.5	Unity Sch. Christianity.
WOR	Newark (Kearny), N. J.		5000	710	422.3	L. Bamberger & Co.
WORC	Auburn, Mass.	(WEPS)	100	1200	249.9	A. F. Kleindienst.
WORD	Chicago (Batavia), Ill.	(WJAZ-WSOA-WCKY)	5000	1480	202.6	People's Pulpit Assn.
WOS	Jefferson City, Mo.	(WGBF-KFRU)	1000-500	630	475.9	State Mktg. Bureau.
WOV	N. Y., N. Y. (Secaucus, N. J.)	(D'l't)	1000	1130	265.3	Internat. Brdcstg. Corp.
WOW	Omaha, Neb.	(WCAJ)	1000	590	508.2	Woodmen of the World.
WOWO	Fort Wayne, Ind.	(WWVA)	10000	1160	258.5	Main Auto Sup. Co.
WPAP-WQAO—See WQAD-WPAP.						
WPAW	Pawtucket, R. I.	(WDWF-WLSI)	100	1210	247.8	Shartenberg & Robinson.
WPCC	Chicago, Ill.	(WNAX-WIBO)	500	570	526.0	North Shore Cong. Church.
WPCH	New York, N. Y. (Hoboken, N. J.)	(Daylight)	500	810	370.2	Eastern Brdcsters, Inc.
WPEN	Philadelphia, Pa.		250-100	1500	199.9	Wm. Penn Brdcstg. Co.
WPG	Atlantic City, N. J.	(WLWL)	5000	1100	272.6	Atlantic City Govt.
WPOE	Patchogue, N. Y. (WHPP-WMRJ)		100-30	1420	211.1	Nassau Brdcstg. Corp.
WPOR-WTAR—See WTAR-WPOR.						
WPSC	State College, Pa.	(Daytime)	500	1230	243.8	Pa. State College.
WPTF	Raleigh, N. C.	(Ltd. time)	1000	680	440.9	Durham Life Ins. Co.
WQAM	Miami, Fla.		1000	1240	241.8	Miami Brdcstg. Co.
WQAN	Scranton, Pa.	(WGBI)	250	880	340.7	Scranton Times.
WQAO-WPAP	New York (Cl'side, N.J.), N.Y.	(WHN-WRNY)	250	1010	296.9	Calvary Baptist Church.
WQBC	Utica, Miss.		200	1360	220.4	Chamber of Commerce.
WQBZ	Weirton, W. Va.	(WIBR)	60	1420	211.1	J. H. Thompson.
WRAF	Laporte, Ind.	(WWAE)	100	1200	249.9	Radio Club, Inc.
WRAK	Erie, Pa.		50	1370	218.8	C. R. Cummins.
WRAW	Reading, Pa.	(WGAL)	100	1310	228.9	Ave. Rad. & Elect. Shop.
WRAX	Philadelphia, Pa.	(Daylight)	250	1020	293.9	Berachah Church, Inc.
WRBC	Valparaiso, Ind.	(Daylight)	500	1240	241.8	Immanuel Luth. Church.
WRBI	Tifton, Ga.		20	1310	228.9	Kent's Mus. & Furn. Store.
WRBJ	Hattiesburg, Miss.		100	1420	211.1	Woodruff Furniture Co.
WRBL	Columbus, Ga.		50	1200	249.9	Roy E. Martin.
WRBQ	Greenville, Miss.		100	1210	247.8	J. P. Scully.
WRBT	Wilmington, N. C.		100	1370	218.8	Wilmington Rad. Assn.
WRBU	Gastonia, N. C.		100	1210	247.8	Kirby Music Co.
WRC	Washington, D. C.		500	950	315.6	Radio Corp. of Am.
WREC	Memphis (Whiteh'v'n), Tenn.	(WOAN)	1000-500	600	499.7	WREC, Inc.
WREN	Lawrence, Kan.	(KFKU)	1000	1220	245.8	Jenny Wren Co.
WRHM	Minneapolis (Fridley), Minn.	(WCAL-KFMX-WLB)	1000	1250	239.9	Rosedale Hospital, Inc.
WRJN	Racine, Wis.		100	1370	218.8	Racine Brdcstg. Corp.
WRK	Hamilton, Ohio		100	1310	228.9	Doron & Slade.
WRNY	New York, N. Y. (Coytesville, N. J.)	(WQAO-WPAP-WHN)	250	1010	296.9	Aviation Rad. Sta.
WRR	Dallas, Tex.		500	1280	234.2	City of Dallas.
WRUF	Gainesville, Fla.		5000	1470	204.0	University of Florida.
WRVA	Richmond, Va.	(C. P. 5000)	1000	1110	270.1	Larus & Bro. Co.
WSAI	Cincinnati (Harrison), Ohio		500	1230	225.4	Crosley Rad. Corp.

Call Signal	Location	Other Data	Watts	Kycs.	Meters	Owner
WSAJ	Grove City, Pa.		100	1310	228.9	Grove City College.
WSAN	Allentown, Pa.	(WCBA)	250	1440	208.2	Call Pub. Co.
WSAR	Fall River, Mass.		250	1450	206.8	Doughty & Welch Elec. Co.
WSAZ	Huntington, W. Va.	(WOBU)	250	580	516.9	WSAZ, Inc.
WSB	Atlanta, Ga.	(C. P. 10,000)	5000	740	405.2	Atlanta Journal..
WSBC	Chicago, Ill.	(WEDC-WCRW)	100	1210	247.8	World Battery Co.
WSBT	South Bend, Ind.	(WFBM)	500	1230	243.8	South Bend Tribune.
WSDA-WSGH	See WSGH-WSDA.					
WSGH-WSDA	Brooklyn, N. Y.	(WCGU-WLTH-WBBC)	500	1400	214.2	Amateur Rad. Specialty Co.
WSGP	Savannah, Ga.	(C. P. only)	1000-500	1410	212.6	Chamber of Com.
WSIX	Springfield, Tenn.		100	1210	247.8	638 Tire & Vul. Co.
WSM	Nashville, Tenn.		5000	650	461.3	Natl. Life & Acct. Ins. Co.
WSMB	New Orleans, La.		500	1320	227.1	Saenger Theat. & M. B. Co.
WSMK	Dayton, Ohio	(KQV)	200	1380	217.3	S. M. Krohn, Jr.
WSOA	Forest Park (Deerfield), Ill.	(WJAZ-WORD-WCKY)	5000	1480	202.6	Radphne. Brdcstg. Corp.
WSPD	Toledo, Ohio		500	1340	223.7	Toledo Brdcstg. Co.
WSSH	Boston, Mass.	(WLEY)	250-100	1420	211.1	Tremont Temple Bap. Ch.
WSUI	Iowa City, Iowa	(KSAC)	500	580	516.9	State University.
WSUN-WFLA	See WFLA-WSUN.					
WSVS	Buffalo, N. Y.		50	1370	218.8	Seneca Vocational School.
WSYR	Syracuse, N. Y.	(WMAC)	250	570	526.0	Clive B. Meredith.
WTAD	Quincy, Ill.	(WMBD)	500	1440	208.2	Ill. Stock Med. Brdcst. Corp.
WTAG	Worcester, Mass.		250	580	516.9	Telegram Pub. Co.
WTAM	Cleveland, Ohio (WEAR)	(C.P.50,000)	3500	1070	280.2	WTAM & WEAR, Inc.
WTAQ	Eau Claire, Wis.	(KSCJ)	1000	1330	225.4	Gillette Rub. Co.
WTAR-WPOR	Norfolk, Va.	(WSEA)	500	780	384.4	WTAR Radio Corp.
WTAW	College Station, Tex.	(KUT)	500	1120	267.7	Agri. & Mech. College.
WTAX	Streator, Ill.	(WCBS)	50	1210	247.8	Williams Hardware Co.
WTBO	Cumberland, Md.		50	1420	211.1	Cumb. Brdcstg. Co.
WTFI	Toccoa, Ga.		250	1450	206.8	Toccoa Falls Institute.
WTIC	Hartford (Avon), Conn.	50,000-25,000 (WBAL)		1060	282.8	Travelers Brdcstg. Corp.
WTMJ	Milwaukee (Brookfield), Wis.	2500-1000		620	483.6	Milwaukee Journal.
WTNT	Nashville, Tenn.	(WLAC)	5000	1490	201.6	Tenn. Pub. Co.
WWAE	Chicago, Ill. (Hammond, Ind.)	(WRAF)	100	1200	249.9	Ham'd-Calumet Brdcstg. Co.
WWJ	Detroit, Mich.		1000	920	325.9	Detroit News.
WWL	New Orleans, La.	(KWKH)	5000	850	352.7	Loyola University.
WWNC	Asheville, N. C.		1000	570	526.0	Citizens Brdcstg. Co.
WWRL	Woodside, N. Y.	(WMBQ-WLBX-WCLB)	100	1500	199.9	L. I. Brdcstg. Corp.
WWVA	Wheeling, W. Va.	(WOWO) (C.P. 5000)	250	1160	258.5	W. Va. Brdcstg. Corp.

Broadcasting Stations of Canada And Newfoundland

Alphabetical List by Call Signals

Call Signal	Location	Watts	Kcs.	Meters	Owner
CFAC	—Calgary, Alberta	500	690	434.8	The Calgary Herald.
CFBO	—St. John, N. B.	50	890	337.1	C. A. Munro, Ltd.
CFCA	—Toronto, Ontario	500	840	357.1	Star Pub. & Printing Co.
CFCF	—Montreal, Quebec	1650	1030	291.3	Canadian Marconi Co.
CFCH	—Iroquois Falls, Ont.	250	600	500.0	Abitibi Pow. & Pap. Co., Ltd.
CFCN	—Calgary, Alberta	500	690	434.8	Western Brdcsting. Co.
CFCO	—Chatham, Ont.	50	1210	247.9	Better Radio Club.
CFCT	—Victoria, B. C.	500	630	476.2	Vict. Broadcasting Assn.
CFCY	—Charlottetown, P. E. I.	250	960	312.5	Island Radio Co.
CFJC	—Kamloops, B. C.	15	1120	267.9	Dalgleish & Sons & Wellers.
CFLC	—Prescott, Ont.	50	1010	297.0	Radio Assn. of Prescott.
CFNB	—Fredericton, N. B.	50	1210	247.9	Jas. S. Neill & Sons, Ltd.
CFQC	—Saskatoon, Sask.	500	910	329.7	The Electric Shop, Ltd.
CFRB	—King Twp., York Co., Ont.	4000	960	312.5	Standard Radio Mfg. Corp.
CFRC	—Kingston, Ontario	500	1120	267.9	Queen's University.
CHCA	—Calgary, Alberta	500	690	434.8	The Western Farmer.
CHCK	—Charlottetown, P. E. I.	30	960	312.5	W. E. Burke.
CHCS	—Hamilton, Ont.	10	880	340.9	The Hamilton Spectator.
CHCT	—Red Deer, Alberta	1000	840	357.1	G. F. Tull & Arden, Ltd.
CHGS	—Summerside, P. E. I.	25	1120	267.9	R. T. Holman, Ltd.
CHLS	—Vancouver, B. C.	50	730	411.0	W. G. Hassell.
CHMA	—Edmonton, Alberta	250	580	517.2	Christian & Miss'n'y. Alli'nce.
CHML	—Mount Hamilton, Ont.	50	880	340.9	Maple Leaf Radio Co., Ltd.
CHNS	—Halifax, N. S.	500	930	322.6	Halifax Herald, Ltd.
CHRC	—Quebec, Que.	25	880	340.9	E. Fontaine.
CHWC	—Regina (Pilot Butte), Sask.	500	960	312.5	R. H. Williams & Sons, Ltd.
CHWK	—Chilliwack, B. C.	5	1210	247.9	Chilliwack Brdcstg. Co., Ltd.
CHYC	—Montreal, Quebec	500	730	411.0	Northern Electric Co., Ltd.
CJBC	—Toronto, Ont.	500	580	517.2	Jarvis St. Bap. Church.
		1000	840	357.1	
		5000	960	312.5	
CJBR	—Regina, Sask.	500	960	312.5	Sask. Co-op. Wheat Prod'c'rs.
CJCA	—Edmonton, Alberta	500	580	517.2	Edmonton Journal, Ltd.
CJCB	—Sydney, N. S.	50	880	340.9	N. Nathanson.
CJCJ	—Calgary, Alberta	500	690	434.8	Albertan Pub. Co., Ltd.
CJGC	—London, Ontario	500	910	329.7	Free Press & Ptg. Co.
CJGX	—Yorkton, Sask.	500	630	476.2	Winnipeg Grain Exchange.
CJHS	—Saskatoon, Sask.	250	910	329.7	Radio Service, Ltd.
CJOC	—Lethbridge, Alta.	50	1120	267.9	H. R. Carson.
CJOR	—Sea Island, B. C.	50	1030	291.3	G. C. Chandler.
CJRM	—Moose Jaw, Sask.	500	600	500.0	Jas. Richardson & Sons, Ltd.
CJRW	—Fleming, Sask.	500	600	500.0	Jas. Richardson & Sons, Ltd.
CJSC	—Toronto, Ontario	500	580	517.2	Evening Telegram.
CKAC	—Montreal, Quebec	5000	730	411.0	La Presse Pub. Co., Ltd.
CKCD	—Vancouver, B. C.	50	730	411.0	Vancouver Daily Province.
CKCI	—Quebec, Quebec	22½	880	340.9	La "Soleil," Ltd.
CKCK	—Regina, Sask.	500	960	312.5	Leader Pub. Co., Ltd.
CKCL	—Toronto, Ontario	500	580	517.2	Dominion Battery Co., Ltd.
CKCO	—Ottawa, Ontario	100	690	434.8	Dr. Geldert—Ott. Rad. Assn.
CKCR	—Brantford, Ont.	50	1010	297.0	John Patterson.
CKCV	—Quebec, Quebec	50	880	340.9	G. A. Vandry.
CKFC	—Vancouver, B. C.	50	730	411.0	United Church of Canada.
CKGW	—Bowmanville, Ont.	5000	960	312.5	Gooderham & Worts.
CKIC	—Wolfville, N. S.	50	930	322.6	Acadia University.
CKLC	—Red Deer, Alberta	1000	840	357.1	Alberta Pacific Grn. Co., Ltd.
CKMC	—Cobalt, Ont.	15	1210	247.9	R. L. McAdam.
CKMO	—Vancouver, B. C.	50	730	411.0	Sprott-Shaw Radio.
CKNC	—Toronto, Ont.	500	580	517.2	Can. Nat'l Carbon Co., Ltd.
CKOC	—Hamilton, Ontario	50	880	340.9	W'tw'h Rad. & Aut. Sup. Co.
CKOW	—Toronto, Ont.	500	840	357.1	Nestle's Food Co. of Canada.
CKPC	—Preston, Ont.	50	1210	247.9	Wallace Russ.
CKPR	—Midland, Ontario	50	1120	267.9	Midland Brdcstg. Corp.
CKSH	—St. Hyacinthe, Quebec	50	1010	297.0	City of St. Hyacinthe.
CKUA	—Edmonton, Alberta	500	580	517.2	University of Alberta.
CKWX	—Vancouver, B. C.	100	730	411.0	Holstead & Hanlon.
CKX	—Brandon, Man.	500	540	555.6	Manitoba Telephone System.
CKY	—Winnipeg, Man.	5000	780	384.6	Manitoba Telephone System.
CNRA	—Moncton, N. B.	500	630	476.2	Canadian National Railways.
CNRC	—Calgary, Alberta	500	690	434.8	Canadian National Railways.
CNRE	—Edmonton, Alberta	500	580	517.2	Canadian National Railways.
CNRL	—London, Ontario	500	910	329.7	Canadian National Railways.
CNRM	—Montreal, Quebec	5000-1650	730	411.0	Canadian National Railways.
CNRO	—Ottawa, Ontario	500	690	434.8	Canadian National Railways.
CNRQ	—Quebec, Quebec	50	880	340.9	Canadian National Railways.
CNRR	—Regina, Sask.	500	960	312.5	Canadian National Railways.
CNRS	—Saskatoon, Sask.	500	910	329.7	Canadian National Railways.
CNRT	—Toronto, Ontario	500	840	357.1	Canadian National Railways.
CNRV	—Vancouver, B. C.	500	1030	291.3	Canadian National Railways.
CNRW	—Winnipeg, Man.	5000	780	384.6	Canadian National Railways.

Newfoundland Broadcasting Station

VOWC	—St. John's	500	750	399.8	Wesley United Church.

United States Broadcasting Stations

Arranged by Wave Lengths.

550 Kcys.—545.1 Meters

WGR—Buffalo, N. Y. (Amherst)
WEAN—Providence, R. I.
WKRC—Cincinnati, O.
KFYR—Bismarck, N. D.
KFUO—St. Louis (Clayton), Mo.
KSD—St. Louis, Mo.
KFDY—Brookings, S. D.
KTAB—Oakland, Cal.

560 Kcys.—535.4 Meters

WLIT—Philadelphia, Pa.
WFI—Philadelphia, Pa.
KFDM—Beaumont, Tex.
WIOD—Miami Beach, Fla.
WNOX—Knoxville, Tenn.
WOI—Ames, Ia.
KFEQ—St. Joseph, Mo.
KOAC—Corvallis, Ore.
KIZ—Dupont, Colo.

570 Kcys.—526.0 Meters

WEAO—Columbus, O.
WIBO—Chicago, Ill. (Desplaines)
WNAX—Yankton, S. D.
WNYC—New York, N. Y.
WMAC—Cazenovia, N. Y.
WMCA—New York, N. Y. (Hoboken, N. J.)
WSYR—Syracuse, N. Y.
WSMK—Dayton, O.
WKBN—Youngstown, O.
WWNC—Asheville, N. C.
KGKO—Wichita Falls, Tex.
WPCC—Chicago, Ill.
KUOM—Missoula, Mont.
KMTR—Los Angeles, Cal. (Hollywood)
KXA—Seattle, Wash.

580 Kcys.—516.9 Meters

WTAG—Worcester, Mass.
WORU—Charleston, W. Va.
WSAZ—Huntington, W. Va.
KGFX—Pierre, S. D.
KSAC—Manhattan, Kan.
WSUI—Iowa City, Ia.

590 Kcys.—508.2 Meters

WEEI—Boston, Mass. (Weymouth)
WEMC—Berrien Spgs., Mich.
WCAJ—Lincoln, Neb.
WOW—Omaha, Neb.
KHQ—Spokane, Wash.

600 Kcys.—499.7 Meters

WCAC—Storrs, Conn.
WCAO—Baltimore, Md.
WREC—Memphis, Tenn. (Whitehaven)
WOAN—Lawrenceburg, Tenn.
WEBW—Beloit, Wis.
KFSD—San Diego, Cal.

610 Kcys.—491.5 Meters

WFAN—Philadelphia, Pa.
WIP—Philadelphia, Pa.
WDAF—Kansas City, Mo.
WOQ—Kansas City, Mo.
KFRC—San Francisco, Cal.

620 Kcys.—483.6 Meters

WLBZ—Bangor, Me.
WDBO—Orlando, Fla.
WDAE—Tampa, Fla.
WJAY—Cleveland, O.
WTMJ—Brookfield, Wis.
KGW—Portland, Ore.
KFAD—Phoenix, Ariz.

630 Kcys.—475.9 Meters

WMAL—Washington, D. C.
WOS—Jefferson City, Mo.
KFRU—Columbia, Mo.
WGBF—Evansville, Ind.

640 Kcys.—468.5 Meters

WAIU—Columbus, O.
KFI—Los Angeles, Cal.

650 Kcys.—461.3 Meters

WSM—Nashville, Tenn.

660 Kcys.—454.3 Meters

WEAF—New York, N. Y. (Bellmore)
WAAW—Omaha, Neb.

670 Kcys.—447.5 Meters

WMAQ—Chicago (Addison), Ill.

680 Kcys.—440.9 Meters

WPTF—Raleigh, N. C.
KPO—San Francisco, Cal.

700 Kcys.—428.3 Meters

WLW—Cincinnati, O. (Mason)

710 Kcys.—422.3 Meters

WOR—Newark, N. J. (Kearny)
KFVD—Culver City, Cal.

720 Kcys.—416.4 Meters

WGN-WLIB—Chicago (Elgin), Ill.

726 Kcys.—413.0 Meters

KZRQ—Manila, P. I.

740 Kcys.—405.2 Meters

WSB—Atlanta, Ga.
KMMJ—Clay Center, Neb.

750 Kcys.—399.8 Meters

WJR-Detroit (Pontiac), Mich.

760 Kcys.—394.5 Meters

WJZ—New York, N. Y. (Boundbrook, N. J.)
WEW—St. Louis, Mo.
KVI—Tacoma, Wash. (Des Moines)

770 Kcys.—389.4 Meters

KFAB—Lincoln, Neb.
WBBM-WJBT—Chicago (Glenview), Ill.

780 Kcys.—384.4 Meters

WBSO—Babson Park, Mass.
WTAR-WPOR—Norfolk, Va.
WMC—Memphis, Tenn.
KELW—Burbank, Cal.
KTM—Los Angeles, Cal. (Santa Monica)

790 Kcys.—379.5 Meters

WGY —Schenectady, N. Y.
KGO——Oakland, Cal.

800 Kcys.—374.8 Meters

WFAA-Dallas, Tex.
WBAP-Ft. Worth, Tex.

810 Kcys.—370.2 Meters

WPCH—New York, N. Y. (Hoboken)
WCCO—Minneapolis, Minn. (Anoka)

820 Kcys.—365.6 Meters

WHAS—Louisville, Ky. (Jeffersontown)

830 Kcys.—361.2 Meters

KOA——Denver, Colo.
WHDH—Gloucester, Mass.

850 Kcys.—352.7 Meters

KWKH—Shreveport, La. (Kennonwood)
WWL—New Orleans, La.

860 Kcys.—348.6 Meters

KFQZ—Los Angeles, Cal. (Hollywood)
WABC-WBOQ— New York, N. Y. (Queen's Co.)

870 Kcys.—344.6 Meters

WLS —Chicago (Crete), Ill.
WENR-WBCN— Chicago, Ill.

880 Kcys.—340.7 Meters

WQAN—Scranton, Pa.
WGBI—Scranton, Pa.
WCOC—Columbus, Miss.
KLX——Oakland, Cal.
KPOF—Denver, Colo.
KFKA —Greeley, Colo.

890 Kcys.—336.9 Meters

WJAR —Providence, R. I.
WKAQ—San Juan, P. R.
WMMN-Fairmont, W. Va.
WMAZ-Macon, Ga.
WGST—Atlanta, Ga.
KGJF——Little Rock, Ark.
KUSD—Vermillion, S. D.
KFNF —Shenandoah, Ia.
WILL——Urbana, Ill.

900 Kcys.—333.1 Meters

WFBL—Syracuse, N. Y.
WMAK-Buffalo, N. Y. (Martinsville)
WKY— Oklahoma City, Okla.
WFLA-WSUN— St. Petersburg (Clearwater), Fla.
WLBL—Stevens Point, Wis.
KHJ ——Los Angeles, Cal.
KSEI —Pocatello, Ida.
KGBU —Ketchikan, Alaska.

920 Kcys.—325.9 Meters

WWJ —Detroit, Mich.
KPRC —Houston, Tex.
WAAF—Chicago, Ill.
KOMO—Seattle, Wash.

930 Kcys.—322.4 Meters

WIBG—Elkins Park, Pa.
WDBJ —Roanoke, Va.
WBRC—Birmingham, Ala.
KGBZ —York, Neb.
KMA —Shenandoah, Ia.
KFWI —San Francisco, Cal.

940 Kcys.—319.0 Meters

WCSH—Portland, Me. (Cumberland)
WFIW—Hopkinsville, Ky.
WHA—Madison, Wis.
KOIN—Portland, Ore. (Sylvan)
KGU——Honolulu, T. H.
KFEL—Denver, Colo.
KFXF —Denver, Colo.

950 Kcys.—315.6 Meters

WRC —Washington, D. C.
KMBC- Independence, Mo.
KFWB—Los Angeles, Cal. (Hollywood)
KPSN —Pasadena, Cal.
KGHL —Billings, Mont.
WHB—Kansas City, Mo.

970 Kcys.—309.1 Meters

WCFL—Chicago, Ill.
KJR ——Seattle, Wash.

980 Kcys.—305.9 Meters

KDKA -Pittsburgh, Pa. (Saxonburg)

990 Kcys.—302.8 Meters

WBZ— Springfield, Mass. (E. Springfield)
WBZA—Boston, Mass.

1000 Kcys.—299.9 Meters

WHO—Des Moines, Ia.
WOC —Davenport, Ia.
KPLA—Los Angeles, Cal.

1010 Kcys.—296.9 Meters

WQAO-WPAP— New York, N. Y. (Cliffside, N. J.)
WHN —New York, N. Y.
WRNY—New York, N. Y. (Coytesville, N. J.)
KGGF —Pieher, Okla.
WNAD—Norman, Okla.
KQW —San Jose, Cal.

1020 Kcys.—293.9 Meters

KYW-KFKX—Chicago, Ill.
KYWA—Chicago, Ill.
WRAX—Philadelphia, Pa.

1040 Kcys.—288.3 Meters

WKEN—Buffalo, N. Y. (Grand Island)
WKAR—E. Lansing, Mich.
KRLD —Dallas, Tex.
KTHS—Hot Springs, Ark.

1050 Kcys.—285.5 Meters

KNX——Los Angeles, Cal. (Hollywood)
KFKB—Milford, Kans.

1060 Kcys.—282.8 Meters

WBAL—Baltimore, Md. (Glen Morris)
WJAG —Norfolk, Neb.
WTIC—Hartford, Conn. (Avon)
KWJJ —Portland, Ore.

1070 Kcys.—280.2 Meters

WAAT—Jersey City, N. J.
WTAM-Cleveland, O.
WEAR—Cleveland, O.
WCAZ—Carthage, Ill.
WDZ —Tuscola, Ill.
KJBS—San Francisco, Cal.

1080 Kcys.—277.6 Meters

WBT —Charlotte, N. C.
WCBD—Zion, Ill.
WMBI —Chicago, Ill. (Addison)

1090 Kcys.—275.1 Meters

KMOX-KFQA— St. Louis (Kirkwood), Mo.

1100 Kcys.—272.6 Meters

WPG —Atlantic City, N. J.
WLWL—New York, N. Y. (Kearny, N. J.)
KGDM—Stockton, Cal.

1110 Kcys.—270.1 Meters

WRVA—Richmond, Va.
KSOO—Sioux Falls, S. D.

1120 Kcys.—267.7 Meters

WCOA—Pensacola, Fla.
WDEL—Wilmington, Del.
WHAD—Milwaukee, Wis.
WTAW—College Sta., Tex.
KUT—Austin, Tex.
WISN—Milwaukee, Wis.
KFSG—Los Angeles, Cal.
KMIC—Inglewood, Cal.
KRSC—Seattle, Wash.

1130 Kcys.—265.3 Meters

WOV—New York, N. Y. (Secaucus, N. J.)
KSL—S. Lake City, Utah.
WJJD—Chicago, Ill. (Mooseheart)

1140 Kcys.—263.0 Meters

WAPI—Birmingham, Ala.
KVOO—Tulsa, Okla.

1150 Kcys.—260.7 Meters

WHAM—Rochester, N. Y.

1160 Kcys.—258.5 Meters

WWVA—Wheeling, W. Va.
WOWO—Ft. Wayne, Ind.

1170 Kcys.—256.3 Meters

WCAU—Philadelphia, Pa. (Byberry)
KEJK—Los Angeles, Cal. (Bev. Hills)
KTNT—Muscatine, Ia.

1180 Kcys.—254.1 Meters

WGBS—New York, N. Y. (Astoria, L. I.)
KEX—Portland, Ore.
KOB—State College, N. M.
WDGY—Minneapolis, Minn.
WHDI—Minneapolis, Minn.

1190 Kcys.—252.0 Meters

WOAI—San Antonio, Tex.

1200 Kcys.—249.9 Meters

WABI—Bangor, Me.
KGHI—Little Rock, Ark.
WIBX—Utica, N. Y.
WORC—Auburn, Mass.
WNBX—Springfield, Vt.
WHBC—Canton, O.
WLAP—Louisville, Ky. (Okalona)
WLBG—Petersburg, Va. (Ettrick)
WNBO—Washington, Pa.
WNBW—Carbondale, Pa.
WCOD—Harrisburg, Pa.
WKJC—Lancaster, Pa.
WABZ—New Orleans, La.
WJBW—New Orleans, La.
WBBY—Charleston, S. C.
WBBZ—Ponca City, Okla.
WFBC—Knoxville, Tenn.
WRBL—Columbus, Ga.
KGCU—Mandan, N. D.
WJBC—LaSalle, Ill.
WJBL—Decatur, Ill.
WWAE—Hammond, Ind.
WRAF—La Porte, Ind.
WMT—Waterloo, Ia.
KFJB—Marshalltown, Ia.
WCAT—Rapid City, S. D.
KGDY—Oldham, S. D.
WMAY—St. Louis, Mo.
KFWF—St. Louis, Mo.
KFKZ—Kirksville, Mo.
KGDE—Fergus Falls, Minn.
KGFK—Hallock, Minn.
WCLO—Kenosha, Wis.
WHBY—West DePere, Wis.
KFWC—Pomona, Cal. (Ontario)
KPPC—Pasadena, Cal.
KXO—El Centro, Cal.
KZIB—Manila, P. I.
KMJ—Fresno, Cal.
KSMR—Santa Maria, Cal.
KWG—Stockton, Cal.
KGEK—Yuma, Colo.
KGEW—Ft. Morgan, Colo.
KFHA—Gunnison, Colo.
KVOS—Bellingham, Wash.
KGY—Lacey, Wash.
WIL—St. Louis, Mo.

1210 Kcys.—247.8 Meters

WJBI—Redbank, N. J.
WGBB—Freeport, N. Y.
WINR—Bayshore, N. Y.
WCOH—Yonkers, N. Y. (Greenville)
WOCL—Jamestown, N. Y.
WLCI—Ithaca, N. Y.
WPAW—Pawtucket, R. I.
WDWF-WLSI—Providence, R. I. (Cranston)
WMAN—Columbus, O.
WJW—Mansfield, O.
WEBE—Cambridge, O.
WBAX—Wilkes Barre, Pa.
WJBU—Lewisburg, Pa.
WMBG—Richmond, Va.
WSIX—Springfield, Tenn.
WRBU—Gastonia, N. C.
WJBY—Gadsden, Ala.
WMBR—Tampa, Fla.
WRBQ—Greenville, Miss.
WGCM—Gulfport, Miss.
KWEA—Shreveport, La.

1210 Kcys.—247.8 Me.—Cont.
KDLR—Devils Lake, N. D.
KGCR—Watertown, S. D.
KFOR—Lincoln, Neb.
WHBU—Anderson, Ind.
KFVS—Cape Girardeau, Mo.
WEBQ—Harrisburg, Ill.
WSBC—Chicago, Ill.
WCRW—Chicago, Ill.
WEDC—Chicago, Ill.
WCBS—Springfield, Ill.
WTAX—Streator, Ill.
WHBF—Rock Island, Ill.
WIBA—Madison, Wis.
WOMT—Manitowoc, Wis.
KPQ—Seattle, Wash.
KPCB—Seattle, Wash.

1220 Kcys.—245.8 Meters

WCAD—Canton, N. Y.
WCAE—Pittsburgh, Pa.
WREN—Lawrence, Kan.
KFKU—Lawrence, Kan.

1230 Kcys.—243.8 Meters

WFBM—Indianapolis, Ind.
WNAC-WBIS—Boston (Quincy), Mass.
WPSC—State College, Pa.
WSBT—South Bend, Ind.
KYA—San Francisco, Cal.
KFIO—Spokane, Wash.
KFQD—Anchorage, Alaska.
KGGM—Albuquerque, N. Mex.

1240 Kcys.—241.8 Meters

WGHP—Detroit, Mich. (Fraser)
KTAT—Ft. Worth, Tex.
WJAD—Waco, Tex.
WQAM—Miami, Fla.
WRBC—Valparaiso, Ind.

1250 Kcys.—239.9 Meters

WDSU—New Orleans, La.
WGCP—Newark, N. J.
WODA—Paterson, N. J.
WAAM—Newark, N. J.
WLB-WGMS—Minneapolis, Minn.
WRHM—Minneapolis, Minn. (Fridley)
KFMX—Northfield, Minn.
WCAL—Northfield, Minn.
KFOX—Long Beach, Cal.
KXL—Portland, Ore.
KIDO—Boise, Ida.

1260 Kcys.—238.0 Meters

WLBW—Oil City, Pa.
WJAX—Jacksonville, Fla.
KWWG—Brownsville, Tex.
KOIL—Council Bluffs, Ia.
KRGV—Harlingen, Tex.
KVOA—Tucson, Ariz.

1270 Kcys.—236.1 Meters

WEAI—Ithaca, N. Y.
WASH—Gr'd Rapids, Mich.
WFBR—Baltimore, Md.
WOOD—Gr'd Rapids, Mich. (Furnwood)
KWLC—Decorah, Ia.
KGCA—Decorah, Ia.
KTW—Seattle, Wash.
KOL—Seattle, Wash.
KFUM—Colorado Springs, Colo.
WJDX—Jackson, Miss.

1280 Kcys.—234.2 Meters

WCAM—Camden, N. J.
WCAP—Asbury Park, N. J.
WOAX—Trenton, N. J.
WDOD—Chattanooga, Tenn.
WDAY—Fargo (W. Fargo), N. D.
WEBC—Duluth, Minn. (Superior, Wis.)
WRR—Dallas, Tex.

1290 Kcys.—232.4 Meters

WNBZ—Saranac Lake, N. Y.
WJAS—Pittsburgh, Pa.
KTSA—San Antonio, Tex.
KFUL—Galveston, Tex.
KLCN—Blytheville, Ark.
KDYL—Salt Lake City, Utah.

1300 Kcys.—230.6 Meters

WBBR—Rossville, N. Y.
WHAP—New York, N. Y. (Carlstadt, N. J.)
WEVD—New York, N. Y. (Forest Hills)
WHAZ—Troy, N. Y.
KFH—Wichita, Kan.
WIBW—Topeka, Kan.
KGEF—Los Angeles, Cal.
KTBI—Los Angeles, Cal.
KFJR—Portland, Ore.
KTBR—Portland, Ore.

1310 Kcys.—228.9 Meters

WKAV—Laconia, N. H.
WEBR—Buffalo, N. Y.
WJDZ—Winston-Salem, N. C.
WNBH—New Bedford, Mass.
WGH—Newport News, Va.
WRK—Hamilton, O.
WAGM—Royal Oak, Mich.
WFDF—Flint, Mich.
WNAT—Philadelphia, Pa.
WFKD—Philadelphia, Pa. (Wissinoming)
WJAC—Johnstown, Pa.
WFBG—Altoona, Pa.
WRAW—Reading, Pa.
WGAL—Lancaster, Pa.
WSAJ—Grove City, Pa.
WBRE—Wilkes-Barre, Pa.

1310 Kcys.—228.9 Me.—Cont.
WMBL—Lakeland, Fla.
WKBC—Birmingham, Ala.
WRBI—Tifton, Ga.
KGFW—Kearney, Neb.
KTSM—El Paso, Tex.
KGHG—McGehee, Ark.
WOBT—Union City, Tenn.
WOL—Washington, D. C.
WNBJ—Knoxville, Tenn.
KRMD—Shreveport, La.
KTSL—Shreveport, La. (Cedar Grove)
KFPM—Greenville, Tex.
WDAH—El Paso, Tex.
KFPL—Dublin, Tex.
KFXR—Oklahoma City, Okla.
KMED—Medford, Ore.
WKBS—Galesburg, Ill.
WEHS—Evanston, Ill.
WCLS—Joliet, Ill.
WKBB—Joliet, Ill.
WKBI—Chicago, Ill.
WHFC—Chicago, Ill. (Cicero)
KWCR—Cedar Rapids, Ia.
KFJY—Ft. Dodge, Ia.
KFGQ—Boone, Ia.
WBOW—Terre Haute, Ind.
WJAK—Marion, Ind.
WLBC—Muncie, Ind.
WIBU—Poynette, Wis.
KFBK—Sacramento, Cal.
KGEZ—Kalispell, Mont.
KFXJ—Denver, Colo. (Edgewater)
KFUP—Denver, Colo.

1320 Kcys.—227.1 Meters

WADC—Akron, O.
WSMB—New Orleans, La.
KID—Idaho Falls, Ida.
KGIQ—Twin Falls, Ida.
KGHF—Pueblo, Colo.

1330 Kcys.—225.4 Meters

WDRC—New Haven, Conn.
WTAQ—Eau Claire, Wis.
KSCJ—Sioux City, Ia.
WSAI—Cincinnati, O. (Harrison)

1340 Kcys.—223.7 Meters

WSPD—Toledo, O.
KFPW—Siloam Springs, Ark.
KMO—Tacoma, Wash.

1350 Kcys.—222.1 Meters

WBNY—New York, N. Y.
WMSG—New York, N. Y.
WCDA—New York, N. Y. (Cliffside, N. J.)
WKBQ—New York, N. Y.
KWK—St. Louis, Mo.

1360 Kcys.—220.4 Meters

WLEX—Boston, Mass. (Lexington)
WMAF—S. Dartmouth, Mass.

1360 Kcys.—220.4 Me.—Cont.
WQBC—Utica, Miss.
WJKS—Gary, Ind.
WGES—Chicago, Ill.
KFBB—Havre, Mont.
KGIR—Butte, Mont.
KGB—San Diego, Cal.

1370 Kcys.—218.8 Meters

WELK—Philadelphia, Pa.
WGL—Ft. Wayne, Ind.
WHBD—Bellefontaine, O.
WRJN—Racine, Wis.
WHDF—Calumet, Mich.
WMBO—Auburn, N. Y.
WSVS—Buffalo, N. Y.
WCBM—Baltimore, Md.
WBBL—Richmond, Va.
WJBK—Ypsilanti, Mich.
WIBM—Jackson, Mich.
WRAK—Erie, Pa.
WJBO—New Orleans, La.
WJDW—Emory, Va.
WHBQ—Memphis, Tenn.
WRBT—Wilmington, N. C.
KGFG—Oklahoma City, Okla.
KCRC—Enid, Okla.
KGCI—San Antonio, Tex.
KGRC—San Antonio, Tex.
KFBL—Everett, Wash.
KFJM—Grand Forks, N. D.
KFJZ—Ft. Worth, Tex.
KGKL—San Angelo, Tex.
KFLX—Galveston, Tex.
WFBJ—Collegeville, Minn.
KGDA—Dell Rapids, S. D.
KWKC—Kansas City, Mo.
KGBX—St. Joseph, Mo.
KGAR—Tucson, Ariz.
KOH—Reno, Nev.
KOOS—Marshfield, Ore.
KZM—Hayward, Cal.
KRE—Berkeley, Cal.
KGER—Long Beach, Cal.
KFBL—Everett, Wash.
KIT—Yakima, Wash.
KVL—Seattle, Wash.
KFJI—Astoria, Ore.
KGFL—Raton, N. M.
KLO—Ogden, Utah.

1380 Kcys.—217.3 Meters

WCSO—Springfield, O.
KQV—Pittsburgh, Pa.
KSO—Clarinda, Ia.
WKBH—La Crosse, Wis.

1390 Kcys.—215.7 Meters

WHK—Cleveland, O.
KLRA—Little Rock, Ark.
KUOA—Fayetteville, Ark.
KOY—Phoenix, Ariz.
KWSC—Pullman, Wash.
KFPY—Spokane, Wash.

1400 Kcys.—213.2 Meters

WCGU—Coney Island, N.Y.
WSGH-WSDA—Brooklyn, N. Y.
WLTH—Brooklyn, N. Y.
WBBC—Brooklyn, N. Y.
WCMA—Culver, Ind.
WKBF—Indianapolis, Ind.
KOCW—Chickasha, Okla.

1410 Kcys.—212.6 Meters

WSGP—Savannah, Ga.
WBCM—Bay City, Mich. (Hampton Twp.)
KGRS—Amarillo, Tex.
WDAG—Amarillo, Tex.
KFLV—Rockford, Ill.
WHBL—Sheboygan, Wis.

1420 Kcys.—211.1 Meters

KFXY—Flagstaff, Ariz.
KGFJ—Los Angeles, Cal.
KGKG—Minot, N. D.
KFQU—Holy City, Cal.
KGGC—San Francisco, Cal.
KFXD—Jerome, Ida.
KGCX—Vida, Mont.
KFIF—Portland, Ore.
KORE—Eugene, Ore.
KFQW—Seattle, Wash.
KXRO—Aberdeen, Wash.
WILM—Wilmington, Del.
WLEY—Boston, Mass. (Lexington)
WHDL—Tupper Lake, N.Y.
WHIS—Bluefield, W. Va.
WMRJ—Jamaica, N. Y.
WRBJ—Hattiesburg, Miss.
WTBO—Cumberland, Md.
WSSH—Boston, Mass.
WIBR—Steubenville, O.
WEDH—Erie, Pa.
WMBC—Detroit, Mich.
WKBP—Battle Cr'k, Mich.
WPOE—Patchogue, N. Y.
WQBZ—Weirton, W. Va.
KGFF—Alva, Okla.
KTAP—San Antonio, Tex.
KTUE—Houston, Tex.
KFYO—Abilene, Tex.
KGIW—Trinidad, Colo.
KICK—Red Oak, Ia.
WIAS—Ottumwa, Ia.
KGKX—Sandpoint, Ida.
WLBF—Kansas City, Kan.
WMBH—Joplin, Mo.
KFIZ—Fond du Lac, Wis.
KGIX—Las Vegas, Nev.

1430 Kcys.—209.7 Meters

WBAK—Harrisburg, Pa.
WBRL—Tilton, N. H.
WCAH—Columbus, O.
WGBC—Memphis, Tenn.
WNBR—Memphis, Tenn.
WHP—Harrisburg, Pa. (Lemoyne)

1440 Kcys.—208.2 Meters

WCBA—Allentown, Pa.
WHEC-WABO—Rochester, N. Y.
WOKO—Poughkeepsie, N.Y. (Mt. Beacon)
WSAN—Allentown, Pa.
WNRC—Greensboro, N. C.
WTAD—Quincy, Ill.
WMBD—Peoria Hts., Ill.
KLS—Oakland, Cal.

1450 Kcys.—206.8 Meters

WBMS—New York, N. Y. (Fort Lee, N. J.)
WNJ—Newark, N. J.
WIBS—Elizabeth, N. J. (Kenilworth)
WKBO—Jersey City, N. J.
WSAR—Fall River, Mass.
WFJC—Akron, O.
KTBS—Shreveport, La.
WTFI—Toccoa, Ga.

1460 Kcys.—205.4 Meters

WJSV—Washington, D. C. (Mt. Vernon Hills, Va.)
KSTP—St. Paul, Minn. (Westcott)

1470 Kcys.—204.0 Meters

WKBW—Buffalo, N. Y. (Amherst)
KFJF—Oklahoma City, Okla.

1470 Kcys.—204.0 Me.—Cont.
WRUF—Gainesville, Fla.
KGA—Spokane, Wash.

1480 Kcys.—202.6 Meters

WCKY—Covington, Ky. (Harrison, O.)
WJAZ—Chicago, Ill. (Mt. Prospect)
WSOA—Forest Park, Ill. (Deerfield)
WORD—Chicago, Ill. (Batavia)

1490 Kcys.—201.2 Meters

KPWF—Westminster, Cal.
WTNT—Nashville, Tenn.
WLAC—Nashville, Tenn.

1500 Kcys.—199.9 Meters

WMBA—Newport, R. I.
WLOE—Boston, Mass. (Chelsea)
WMES—Boston, Mass.
WNBF—Binghamton, N. Y.
WMBJ—Pittsburgh, Pa. (Wilkinsburg)
WMBQ—Brooklyn, N. Y.
WLBX—Long Island City, N. Y.
WCLB—Long Beach, N. Y.
WWRL—Woodside, N. Y.
WKBZ—Ludington, Mich.
WMPC—Lapeer, Mich.
WPEN—Philadelphia, Pa.
KGKB—Brownwood, Tex.
KGDR—San Antonio, Tex.
KGFI—Corpus Christie, T.
KGHX—Richmond, Tex.
WKBV—Brookville, Ind.
KPJM—Prescott, Ariz.
KWBS—Portland, Ore.
KWTC—Santa Ana, Cal.
KDB—Santa Barbara, Cal.
KUJ—Longview, Wash.
WOPI—Bristol, Tenn.

Broadcasting Stations of Canada And Newfoundland

Arranged by Wave Lengths

540 Kcys.—555.6 Meters

CKX—Brandon, Man.

580 Kcys.—517.2 Meters

CHMA—Edmonton, Alta.
CJBC—Toronto, Ont.
CJCA—Edmonton, Alta.
CJSC—Toronto, Ont.
CKCL—Toronto, Ont.
CKNC—Toronto, Ont.
CKUA—Edmonton, Alta.
CNRE—Edmonton, Alta.

600 Kcys.—500.0 Meters

CFCH—Iroquois Falls, Ont.
CHRM—Moose Jaw, Sask.
CJRW—Fleming, Sask.

630 Kcys.—476.2 Meters

CFCT—Victoria, B. C.
CJGX—Yorkton, Sask.
CNRA—Moncton, N. B.

690 Kcys.—434.8 Meters

CFAC—Calgary, Alta.
CFCN—Calgary, Alta.
CHCA—Calgary, Alta.
CJCJ—Calgary, Alta.
CKCO—Ottawa, Ont.
CNRC—Calgary, Alta.
CNRO—Ottawa, Ont.

730 Kcys.—411.0 Meters

CHLS—Vancouver, B. C.
CHYC—Montreal, Que.
CKAC—Montreal, Que.
CKCD—Vancouver, B. C.
CKFC—Vancouver, B. C.
CKMO—Vancouver, B. C.
CKWX—Vancouver, B. C.
CNRM—Montreal, Que.

750 Kcys.—399.8 Meters

8WMC—St. John's, Nwfld.

780 Kcys.—384.6 Meters

CKY—Winnipeg, Man.
CNRW—Winnipeg, Man.

840 Kcys.—357.1 Meters

CFCA—Toronto, Ont.
CHCT—Red Deer, Alta.
CJBC—Toronto, Ont.
CKLC—Red Deer, Alta.
CKOW—Toronto, Ont.
CNRT—Toronto, Ont.

880 Kcys.—340.9 Meters

CHCS—Hamilton, Ont.
CHML—Mt. Hamilton, Ont.
CHRC—Quebec, Que.
CJCB—Sydney, N. S.
CKCI—Quebec, Que.
CKCV—Quebec, Que.
CKOC—Hamilton, Ont.
CNRQ—Quebec, Que.

890 Kcys.—337.0 Meters

CFBO—St. John, N. B.

910 Kcys.—329.7 Meters

CFQC—Saskatoon, Sask.
CJGC—London, Ont.
CJHS—Saskatoon, Sask.
CNRL—London, Ont.
CNRS—Saskatoon, Sask.

930 Kcys.—322.6 Meters

CHNS—Halifax, N. S.
CKIC—Wolfville, N. S.

960 Kcys.—312.5 Meters

CFCY—
Charlottetown, P. E. I.
CFRB—King Twp.,
York Co., Ont.
CHCK—
Charlottetown, P. E. I.
CHWC—Regina, Sask.
CJBC—Toronto, Ont.
CJBR—Regina, Sask.
CKCK—Regina, Sask.
CKCR—Brantford, Ont.
CKGW—Bowmanville, Ont.
CNRR—Regina, Sask.

1010 Kcys.—297.0 Meters

CFLC—Prescott, Ont.
CKSH—St. Hyacinthe, Que.

1030 Kcys.—291.3 Meters

CFCF—Montreal, Que.
CJOR—Sea Island, B. C.
CNRV—Vancouver, B. C.

1120 Kcys.—267.9 Meters

CFJC—Kamloops, B. C.
CFRC—Kingston, Ont.
CHGS—Summerside, P. E. I.
CJOC—Lethbridge, Alta.
CKPR—Midland, Ont.

1210 Kcys.—247.9 Meters

CFCO—Chatham, Ont.
CFNB—Fredericktou, N. B.
CHWK—Chilliwack, B. C.
CJCU—Mission City, B. C.
CKMC—Cobalt, Ont.
CKPC—Preston, Ont.

United States Broadcasting Stations

Alphabetically by Cities

Aberdeen, Wash —KXRO
Abilene, Tex. —KFYO
Addison, Ill. —WMAQ
Addison, Ill. —WMBI
Akron, Ohio —WADC
Akron, Ohio —WFJC
Albuquerque, N.M. KGGM
Allentown, Pa. —WCBA
Allentown, Pa. —WSAN
Altoona, Pa. —WFBG
Alva, Okla. —KGFF
Amarillo, Tex. —KGRS
Amarillo, Tex. —WDAG
Ames, Ia. —WOI
Amherst, N. Y.—WGR
Amherst, N. Y.—WKBW
Anchorage, Alaska KFQD
Anderson, Ind. —WHBU
Anoka, Minn. —WCCO
Asbury P'k, N. J.—WCAP
Asheville, N. C.—WWNC
Astoria, N. Y.—WGBS
Astoria, Ore. —KFJI
Atlanta, Ga. —WGST
Atlanta, Ga. —WSB
Atlantic City, N.J.—WPG
Auburn, Mass. —WORC
Auburn, N. Y.—WMBO
Austin, Tex. —KUT
Avon, Conn. —WTIC
Babson Park, Mass.
WBSO
Baltimore, Md. —WBAL
Baltimore, Md. —WCAO
Baltimore, Md. —WCBM
Baltimore, Md. —WFBR
Bangor, Me. —WABI
Bangor, Me. —WLBZ
Batavia, Ill. —WORD
Battle Creek, Mich. WKBP
Bay City, Mich.—WRCM
Bay Shore, N. Y.—WINR
Beaumont, Tex. —KFDM
Bellefontaine, Ohio WHBD
Bellingham, Wash. KVOS
Bellmore, N. Y.—WEAF
Beloit, Wis. —WEBW
Berkeley, Cal. —KRE
Berrien Springs,
Mich. —WEMC
Beverly Hills, Cal.—KEJK
Billings, Mont. —KGHL
Binghamton, N.Y. WNBF
Birmingham, Ala.—WAPI
Birmingham, Ala.—WBRC
Birmingham, Ala.—WKBC
Bismarck, N. D.—KFYR
Bluefield, W. Va.—WHIS
Blytheville, Ark. —KLCN
Boise, Idaho —KIDO
Boone, Iowa —KFGQ
Boston, Mass.
WBIS-WNAC
Boston, Mass. —WBZA
Boston, Mass. —WLOE
Boston, Mass. —WEEI
Boston, Mass. —WLEX
Boston, Mass. —WLEY
Boston, Mass. —WMES
Boston, Mass. —WSSH
Bound Brook, N.J. —WJZ
Bristol, Tenn. —WOPI
Brookfield, Wis. —WTMJ
Brookings, S. D.—KFDY
Brooklyn, N. Y.—WBBC
Brooklyn, N. Y.—WCLB
Brooklyn, N. Y.—WLTH
Brooklyn, N. Y.—WMBQ
Brooklyn, N. Y.
WSDA-WSGH
Brookville, Ind. —WKBV
Brownsville, Tex. KWWG
Brownwood, Tex. —KGKB
Buffalo, N. Y.—WEBR
Buffalo, N. Y.—WGR
Buffalo, N. Y.—WKBW
Buffalo, N. Y.—WKEN
Buffalo, N. Y.—WMAK
Buffalo, N. Y.—WSVS
Burbank, Cal. —KELW
Butte, Mont. —KGIR
Byberry, Pa. —WCAU
Calumet, Mich. —WHDF
Cambridge, Ohio —WEBE
Camden, N. J.—WCAM
Canton, Ohio —WHBC
Canton, N. Y. —WCAD
Cape Girardeau, Mo. KFVS
Carbondale, Pa. —WNBW
Carlstadt, N. J.—WHAP
Carthage, Ill. —WCAZ
Cazenovia, N. Y.—WMAC
Cedar Grove, La.—KTSL
Cedar Rap., Ia.—KWCR
Charleston, S. C.—WBBY
Charleston, W. Va. WOBU
Charlotte, N. C.—WBT
Chattanooga, Tenn. WDOD
Chelsea, Mass. —WLOE
Chicago, Ill KFKX-KYW
Chicago, Ill. —KYWA
Chicago, Ill. —WAAF
Chicago, Ill.
WBBM-WJBT
Chicago, Ill.
WBCN-WENR
Chicago, Ill. —WCFL
Chicago, Ill. —WCRW
Chicago, Ill. —WEDC
Chicago, Ill. —WGES
Chicago, Ill. WGN-WLIB
Chicago, Ill —WHFC
Chicago, Ill. —WIBO
Chicago, Ill. —WJAZ
Chicago, Ill. —WJJD
Chicago, Ill. —WKBI
Chicago, Ill. —WLS
Chicago, Ill. —WMAQ
Chicago, Ill. —WMBI
Chicago, Ill. —WORD
Chicago, Ill. —WPCC
Chicago, Ill. —WSBC
Chicago, Ill. —WWAE
Chickasha, Okla. KOCW
Cicero, Ill. —WHFC

Cincinnati, Ohio ....WKRC
Cincinnati, Ohio ....WLW
Cincinnati, Ohio ....WSAI
Clarinda, Iowa .....KSO
Clay Center, Neb....KMMJ
Clayton, Mo. .....KFUO
Clearwater, Fla.
WFLA-WSUN
Cleveland, Ohio ....WEAR
Cleveland, Ohio .....WHK
Cleveland, Ohio .....WJAY
Cleveland, Ohio ....WTAM
Cliffside, N. J.....WCDA
Cliffside, N. J.
WPAP-WQAO
Colo. Springs, Colo.KFUM
Collegeville, Minn. WFBJ
College Sta., Tex...WTAW
Columbia, Mo. .....KFRU
Columbus, Ga. .....WRBL
Columbus, Miss. ....WCOC
Columbus, Ohio .....WAIU
Columbus, Ohio ....WCAH
Columbus, Ohio ....WEAO
Columbus, Ohio ....WMAN
Coney Island, N.Y.WCGU
Corpus Christie, T. KGFI
Corvallis, Ore. .....KOAC
Covington, Ky. .....WCKY
Coytesville, N. J.....WRNY
Council Bluffs, Ia....KOIL
Cranston, R. I.
WDWF-WLSI
Crete, Ill. .....WLS
Culver, Ind. .....WCMA
Culver City, Cal.....KFVD
Cumberland, Me. ....WCSH
Dallas, Tex. .....KRLD
Dallas, Tex. .....WFAA
Dallas, Tex. .....WRR
Davenport, Ia. .....WOC
Dayton, Ohio .....WSMK
Decatur, Ill. .....WJBL
Decorah, Ia. .....KGCA
Decorah Ia. .....KWLC
Deerfield, Ill. .....WSOA
Dell Rapids, S. D...KGDA
Denver, Colo. .....KFEL
Denver, Colo. .....KFUP
Denver, Colo. .....KFXF
Denver, Colo. .....KFXJ
Denver, Colo. .....KLZ
Denver, Colo. .....KOA
Denver, Colo. .....KPOF
Des Moines, Ia. .....WHO
Des Moines, Wash....KVI
Desplaines, Ill. .....WIBO
Detroit, Mich. .....WJR
Detroit, Mich. .....WGHP
Detroit, Mich. .....WMBC
Detroit, Mich. .....WWJ
Devils Lake, N. D. KDLR
Dublin, Tex. .....KFPL
Duluth, Minn. .....WEBC
Dupont, Colo. .....KLZ
Eau Claire, Wis. ...WTAQ
Edgewater, Col. ....KFXJ
El Centro, Cal... .....KXO
Elgin, Ill. .....WGN-WLIB
Elizabeth, N. J.....WIBS
Elkins Park, Pa.....WIBG
El Paso ,Tex. .....KTSM
El Paso, Tex. .....WDAH
Emory, Va. .....WJDW
Enid, Okla. .....KCRC
Erie, Pa. .....WEDH
Erie, Pa. .....WRAK
Ettrick, Va. .....WLBG
Eugene, Ore. .....KORE
Evanston, Ill. .....WEHS
Evansville, Ind. .....WGBF
Everett, Wash. .....KFBL
Fairmont, W. Va. WMMN
Fall River, Mass ...WSAR
Fargo, N. D. .....WDAY
Fayetteville, Ark. ...KUOA
Fergus Falls, Minn.KGDE
Flagstaff, Ariz. .....KFXY
Flint, Mich. .....WFDF
Fond du Lac, Wis. KFIZ
Forest Hills, N. Y. WEVD
Forest Park, Ill.....WSOA
Fort Dodge, Iowa....KFJY
Fort Lee, N. J.....WBMS
Fort Morgan, Colo.KGEW
Fort Wayne, Ind. ....WGL
Fort Wayne, Ind. WOWO
Fort Worth, Tex.....KFJZ
Fort Worth, Tex.....KTAT
Fort Worth, Tex.....WBAP
Fraser, Mich. .....WGHP
Freeport, N. Y.....WGBB
Fresno, Cal. .....KMJ
Fridley, Minn. .....WRHM
Furnwood, Mich. ...WOOD
Gadsden, Ala. .....WJBY
Gainesville, Fla. ....WRUF
Galesburg, Ill. .....WKBS
Galveston, Tex. .....KFLX
Galveston, Tex. .....KFUL
Gary, Ind. .....WJKS
Gastonia, N. C.....WRBU
Glen Morris, Md.....WBAL
Glenview, Ill.
WBBM-WJBT
Gloucester, Mass. WHDH
Grand Forks, N.D. KFJM
Gr'd Island, N.Y. WKEN
Gr'd Rapids, Mich. WASH
Gr'd Rapids, Mich.WOOD
Greeley, Colo. .....KFKA
Greensboro, N. C...WNRC
Greenville, N. Y.....WCOH
Greenville, Miss. ....WRBQ
Greenville, Tex. .....KFPM
Grove City, Pa.....WSAJ
Gulfport, Miss. .....WGCM
Gunnison, Colo. .....KFHA
Hallock, Minn. .....KGFK
Hamilton, Ohio .....WRK
Hammond, Ind. ...WWAE
Hampton Twp.,
Mich. .....WBCM
Harlingen, Tex. .....KRGV
Harrisburg, Ill. ....WEBQ
Harrisburg, Pa. ....WBAK
Harrisburg, Pa. .....WHP
Harrisburg, Pa. .....WCOD
Harrison, O. .....WSAI
Hartford, Conn. .....WTIC
Hattiesburg, Miss. WRBJ
Havre, Mont. .....KFBB
Hayward, Cal. .....KZM
Hinds, Miss. .....WJDX
Hoboken, N. J.....WMCA
Hoboken, N. J.....WPCH
Hollywood, Cal. .....KFQZ
Hollywood, Cal. .....KFWB
Hollywood, Cal. .....KMTR
Hollywood, Cal. .....KNX
Holy City, Cal. .....KFQU
Honolulu, Hawaii ....KGU
Hopkinsville, Ky.....WFIW
Hot Springs, Ark...KTHS
Houston, Tex. .....KPRC
Houston, Tex. .....KTUE
Huntington, W. Va. WSAZ
Idaho Falls, Ida.....KID
Independence, Mo. KMBC
Independence, O. .....WHK
Indianapolis, Ind. WFBM
Indianapolis, Ind.....WKBF
Inglewood, Cal. .....KMIC
Iowa City, Ia.....WSUI
Ithaca, N. Y.....WLCI
Ithaca, N. Y.....WEAI
Jackson, Mich. .....WIBM
Jackson, Miss. .....WJDX
Jacksonville, Fla.....WJAX
Jamaica, N. Y.....WMRJ
Jamestown, N. Y.....WOCL
Jefferson City, Mo....WOS
Jeffersontown, Ky. WHAS
Jerome, Idaho .....KFXD
Jersey City, N. J....WAAT
Jersey City, N. J.....WKBO
Johnstown, Pa. .....WJAC
Joliet, Ill. .....WCLS
Joliet, Ill. .....WKBB
Joplin, Mo. .....WMBH
Kalispell, Mont. ....KGEZ
Kansas City, Kan. WLBF
Kansas City, Mo.....WHB
Kansas City, Mo.....KWKC
Kansas City, Mo.....WDAF
Kansas City, Mo.....WOQ
Kearny, N. J.....WLWL
Kearny, N. J.....WOR
Kenilworth, N. J.....WIBS
Kennonw'd, La.....KWKH
Kenosha, Wis. .....WCLO
Ketchikan, Alaska KGBU
Kirksville, Mo. .....KFKZ
Kirkwood, Mo.
KMOX-KFQA
Knoxville, Tenn. ....WFBC
Knoxville, Tenn. ....WNBJ
Knoxville, Tenn. ...WNOX
Lacey, Wash. .....KGY
Laconia, N. H.....WKAV
La Crosse, Wis.....WKBH
Lakeland, Fla. .....WMBL
Lancaster, Pa. .....WGAL
Lancaster, Pa. .....WKJC
Lansing, Mich. .....WKAR
Lapeer, Mich. .....WMPC
Laporte, Ind. .....WRAF
LaSalle, Ill. .....WJBC
Las Vegas, Nev.....KGIX
Lawrence, Kans. ....KFKU
Lawrence, Kans.....WREN
Lawr'nc'b'rg, Tenn. WOAN
Lemoyne, Pa. .....WHP
Lewisburg, Pa.....WJBU
Lexington, Mass.....WLEX
Lexington, Mass.....WLEY
Lincoln, Neb. .....KFAB
Lincoln, Neb. .....KFOR
Lincoln, Neb. .....WCAJ
Little Rock, Ark.....KLRA
Little Rock, Ark.....KGHI
Little Rock, Ark.....KGJF
Long Beach, Cal.....KFOX
Long Beach, Cal.....KGER
Long Beach, N.Y....WCLB
Long Isl. C., N.Y. WLBX
Longview, Wash. .....KUJ
Los Angeles, Cal.....KEJK
Los Angeles, Cal.....KFI
Los Angeles, Cal.....KFSG
Los Angeles, Cal.....KFWB
Los Angeles, Cal.....KPLA
Los Angeles, Cal.....KFQZ
Los Angeles, Cal.....KGEF
Los Angeles, Cal.....KGFJ
Los Angeles, Cal.....KHJ
Los Angeles, Cal.....KMTR
Los Angeles, Cal.....KNX
Los Angeles, Cal.....KTBI
Los Angeles, Cal.....KTM
Louisville, Ky. .....WHAS
Louisville, Ky. .....WLAP
Ludington, Mich.....WKBZ
McGehee, Ark. .....KGHG
Macon, Ga. .....WMAZ
Madison, Wis. .....WHA
Madison, Wis. .....WIBA
Mandan, N. D. .....KGCU
Manhattan, Kans.....KSAC
Manila, P. I.....KZIB
Manila, P. I.....KZRQ

Manitowoc, Wis.—WOMT
Mansfield, Ohio —WJW
Marion, Ind. —WJAK
Marshalltown, Ia.—KFJB
Marshfield, Ore. —KOOS
Martinsville, N.Y. WMAK
Mason, O. —WLW
Medford, Ore. —KMED
Memphis, Tenn. —WGBC
Memphis, Tenn. —WHBQ
Memphis, Tenn. —WMC
Memphis, Tenn. —WNBR
Memphis, Tenn. —WREC
Miami, Fla. —WQAM
Miami Beach, Fla. WIOD
Milford, Kans. —KFKB
Milwaukee, Wis. —WHAD
Milwaukee, Wis. —WISN
Milwaukee, Wis. —WTMJ
Minneapolis, Minn. WCCO
Minneapolis, Minn. WDGY
Minneapolis, Minn.
WGMS-WLB
Minneapolis, Minn. WHDI
Minneapolis, Minn. WRHM
Minot, N. D. —KGKG
Missoula, Mont. —KUOM
Mooseheart, Ill. —WJJD
Mt. Prospect, Ill.—WJAZ
Mt. Vernon H'ts, Va. WJSV
Muncie, Ind. —WLBC
Muscatine, Iowa—KTNT

Nashville, Tenn. —WLAC
Nashville, Tenn. —WSM
Nashville, Tenn. —WTNT
Newark, N. J.—WGCP
Newark, N. J.—WNJ
Newark, N. J.—WOR
New Bedford,
Mass. —WNBH
New Haven, Conn. WDRC
New Orleans, La.—WABZ
New Orleans, La.—WDSU
New Orleans, La.—WJBO
New Orleans, La.—WJBW
New Orleans, La.—WSMB
New Orleans, La.—WWL
Newport, R. I.—WMBA
Newport, N'a, Va.—WGH
New York, N. Y.—WBMS
New York, N. Y.—WBNY
New York, N. Y.
WABC-WBOQ
New York, N. Y.—WCDA
New York, N. Y.—WEAF
New York, N. Y.—WEVD
New York, N. Y.—WGBS
New York, N. Y.—WHAP
New York, N. Y.—WHN
New York, N. Y.
WPAP-WQAO
New York, N. Y.—WJZ
New York, N. Y.—WKBQ
New York, N. Y.—WLWL
New York, N. Y.—WMCA
New York, N. Y.—WMSG
New York, N. Y.—WNYC
New York, N. Y.—WOV
New York, N. Y.—WPCH
New York, N. Y.—WRNY
Norfolk, Neb. —WJAG
Norfolk, Va.
WPOR-WTAR
Norman, Okla.—WNAD
Northfield, Minn.—KFMX
Northfield, Minn.—WCAL
Oakland, Cal. —KGO
Oakland, Cal. —KLS
Oakland, Cal. —KLX
Oakland, Cal. —KTAB
Ogden, Utah —KLO
Oil City, Pa.—WLBW
Okalona, Ky. —WLAP
Oklahoma, Okla. —KFJF
Oklahoma, Okla.—KFXR
Oklahoma, Okla.—KGFG
Oklahoma, Okla.—WKY
Oldham, S. D.—KGDY
Omaha, Neb. —WAAW
Omaha, Neb. —WOW
Ontario, Cal. —KFWC
Orlando, Fla. —WDBO
Ottumwa, Ia. —WIAS
Pasadena,, Cal, —KPPC
Pasadena, Cal. —KPSN
Patchogue, N. Y.—WPOE
Paterson, N. J.—WODA
Pawtucket, R. I.—WPAW
Pensacola, Fla.—WCOA
Peoria Heights, Ill. WMBD
Petersburg, Va. —WLBG
Philadelphia, Pa.—WCAU
Philadelphia, Pa.—WFAN
Philadelphia, Pa.—WELK
Philadelphia, Pa.—WFI
Philadelphia, Pa.—WFKD
Philadelphia, Pa.—WIP
Philadelphia, Pa. WPEN
Philadelphia, Pa.—WLIT
Philadelphia, Pa.—WNAT
Philadelphia, Pa.—WRAX
Phoenix, Ariz.—KFAD
Phoenix, Ariz.—KOY
Picher, Okla. —KGGF
Pierre, S. D.—KGFX
Pittsburgh, Pa.—KDKA
Pittsburgh, Pa. —KQV
Pittsburgh, Pa. —WMBJ
Pittsburgh, Pa.—WCAE
Pittsburgh, Pa.—WJAS
Pocatello, Wash.—KSEI
Pomona, Cal. —KFWC
Ponca City, Okla.—WBBZ
Pontiac, Mich. —WJR
Portland, Me.—WCSH
Portland, Ore.—KEX
Portland, Ore.—KFIF
Portland, Ore.—KFJR
Portland, Ore.—KWJJ
Portland, Ore.—KGW
Portland, Ore.—KOIN
Portland, Ore.—KTBR
Portland, Ore.—KWBS
Portland, Ore.—KXL
Poughkeepsie,
N. Y. —WOKO
Poynette, Wis.—WIBU
Prescott, Ariz. —KPJM
Providence, R. I.
WDWF-WLSI
Providence, R. I.—WEAN
Providence, R. I.—WJAR
Pueblo, Colo.—KGHF
Pullman, Wash.—KWSC
Queen's Co., N. Y.
WABC-WBOQ
Quincy, Ill.—WTAD
Quincy, Mass.
WNAC-WBIS
Racine, Wis.—WRJN
Raleigh, N. C.—WPTF
Rapid City, S. D.—WCAT
Raton, N. Mex.—KGFL
Ravenna, Neb.—KGFW
Reading, Pa.—WRAW
Red Bank, N. J.—WJBI
Red Oak, Ia.—KICK
Reno, Nev. —KOH
Richmond, Tex.—KGHX
Richmond, Va. —WBBL
Richmond, Va.—WMBG
Richmond, Va.—WRVA
Roanoke, Va. —WDBJ
Rochester, N. Y.
WABO-WHEC
Rochester, N. Y.—WHAM
Rockford, Ill. —KFLV
Rock Island, Ill.—WHBF
Rossville, N. Y.—WBBR
Royal Oak, Mich.—WAGM

St. Joseph, Mo.—KFEQ
St. Joseph, Mo.—KGBX
St. Louis, Mo.—KFUO
St. Louis, Mo.—KWK
St. Louis, Mo.—KFWF
St. Louis, Mo.
KMOX-KFQA
St. Louis, Mo. —KSD
St. Louis, Mo.—WEW
St. Louis, Mo. —WIL
St. Louis, Mo.—WMAY
St. Paul, Minn.—KSTP
St. Petersburg, Fla.
WFLA-WSUN
Sacramento, Cal.—KFBK
Salt L. City, Utah—KDYL
Salt L. City, Utah—KSL
San Angelo, Tex.—KGKL
San Antonio, Tex.—KGDR
San Antonio, Tex.—KTSA
San Antonio, Tex.—KGCI
San Antonio, Tex.—KGRC
San Antonio, Tex.—KTAP
San Antonio, Tex.—WOAI
San Diego, Cal.—KGB
San Diego, Cal.—KFSD
Sandpoint, Idaho—KGKX
San Francisco, Cal. KFRC
San Francisco, Cal. KFWI
San Francisco, Cal. KGGC
San Francisco, Cal. KJBS
San Francisco, Cal.—KPO
San Francisco, Cal.—KYA
San Jose, Cal.—KQW
San Juan, P. R.—WKAQ
Santa Ana, Cal.—KWTC
Santa Barbara, Cal.—KDB
Santa Maria, Cal.—KSMR
Santa Monica, Cal.—KTM
Saranac Lake,
N. Y. —WNBZ
Savannah, Ga. —WSGP
Saxonburg, Pa. —KDKA
Schenectady, N. Y.—WGY
Scranton, Pa.—WGBI
Scranton, Pa. —WQAN
Seattle, Wash. —KFQW
Seattle, Wash. —KPQ
Seattle, Wash. —KJR
Seattle, Wash. —KOL
Seattle, Wash. —KOMO
Seattle, Wash. —KPCB
Seattle, Wash. —KRSC
Seattle, Wash. —KTW
Seattle, Wash. —KVL
Seattle, Wash. —KXA
Secaucus, N. J.—WOV
Sheboygan, Wis.—WHBL
Shenandoah, Ia.—KFNF
Shenandoah, Ia.—KMA
Shreveport, La. —KRMD
Shreveport, La. —KTBS
Shreveport, La. —KTSL
Shreveport, La. —KWEA
Shreveport, La. —KWKH
Sioux City, Iowa—KSCJ
Sioux Falls, S. D.—KSOO
South Bend, Ind.—WSBT
S. Dartm'th, Mass. WMAF
Spokane, Wash. —KFIO
Spokane, Wash. —KFPY

Spokane, Wash. ——KGA
Spokane, Wash. ——KHQ
Springfield, Ill. ——WCBS
Springfield, Mass. —WBZ
Springfield, Ohio——WCSO
Springfield, Tenn.—WSIX
Springfield, Vt. ——WNBX
State College, Pa.—WPSC
State Col., N. Mex.—KOB
Steubenville, O. ——WIBR
Stevens P'nt, Wis.—WLBL
Stockton, Cal. ——KGDM
Stockton, Cal. ——KWG
Storrs, Conn. ——WCAC
Streator, Ill. ——WTAX
Siloam Sp'gs, Ark.—KFPW
Superior, Wis. ——WEBC
Sylvan, Ore. ——KOIN
Syracuse, N. Y.——WFBL
Syracuse, N. Y.——WSYR
Tacoma, Wash. ——KVI
Tacoma, Wash. ——KMO
Tampa, Fla. ——WDAE
Tampa, Fla. ——WMBR
Terre Haute, Ind.—WBOW
Tifton, Ga. ——WRBI
Tilton, N. H.——WBRL
Toccoa, Ga. ——WTFI
Toledo, O. ——WSPD

Topeka, Kans. ——WIBW
Trenton, N. J.——WOAX
Trinidad, Colo. ——KGIW
Troy, N. Y.——WHAZ
Tucson, Ariz. ——KGAR
Tucson, Ariz. ——KVOA
Tulsa, Okla. ——KVOO
Tupper Lake, N. Y.WHDL
Tuscola, Ill. ——WDZ
Twin Falls, Ida.——KGIQ
Union City, Tenn.—WOBT
Urbana, Ill. ——WILL
Utica, Miss. ——WQBC
Utica, N. Y.——WIBX
Valparaiso, Ind.——WRBC
Vermilion, S. D.——KUSD
Vida, Mont. ——KGCX
Villa Madonna, Ky. WCKY
Waco, Tex. ——WJAD
Washington, D. C.—WMAL
Washington, D. C.——WOL
Washington, D. C.——WRC
Washington, D. C.—WJSV
Washington, Pa.—WNBO
Waterloo, Ia. ——WMT
Watertown, S. D.—KGCR
Weirton, W. Va.—WQBZ

Westcott, Minn. ——KSTP
West DePere, Wis. WHBY
West Fargo, N. D.—WDAY
Westminster, Cal.—KPWF
Weymouth, Mass. —WEEI
Wheeling, W. Va.—WWVA
Whitehaven, Tenn. WREC
Wichita, Kans. ——KFH
Wichita Falls, Tex.KGKO
Wilkinsburg, Pa.—WMBJ
Wilkes-Barre, Pa.—WBAX
Wilkes-Barre, Pa.—WBRE
Wilmington, Del.—WDEL
Wilmington, Del. —WILM
Wilmington, N. C.—WRBT
Wissinoming, Pa. WFKD
Winston-Salem, N. C. WJDZ
Woodside, N. Y.——WWRL
Worcester, Mass.—WTAG
Yakima, Wash. ——KIT
Yankton, S. D.——WNAX
Yonkers, N. Y.——WCOH
York, Neb. ——KGBZ
Youngstown, O.——WKBN
Ypsilanti, Mich. ——WJBK
Yuma, Colo. ——KGEK
Zion, Ill. ——WCBD

Broadcasting Stations of Canada and Newfoundland

Alphabetically by Cities

Bowmanville, Ont. CKGW
Brandon, Man. ——CKX
Brantford, Ont. —CKCR
Calgary, Alta. ——CFAC
Calgary, Alta. ——CFCN
Calgary, Alta. ——CHCA
Calgary, Alta. ——CJCJ
Calgary, Alta. ——CNRC
Charlottetown, P. E. I.——CFCY
Charlottetown, P. E. I.——CHCK
Chatham, Ont. ——CFCO
Chilliwack, B. C.—CHWK
Cobalt, Ont. ——CKMC
Edmonton, Alta. —CHMA
Edmonton, Alta. —CJCA
Edmonton, Alta. —CKUA
Edmonton, Alta. —CNRE
Fleming, Sask. —CJRW
Fredericton, N. B. CFNB
Halifax, N. S.——CHNS
Hamilton, Ont. ——CHCS
Hamilton, Ont. ——CKOC
Iroquois Falls, Ont. CFCH
Kamloops, B. C.——CFJC
Kingston, Ont. ——CFRC
Kingston, Ont. ——CJCF
Kings Township, York Co., Ont.——CFRB

Lethbridge, Alta. —CJOC
London, Ont. ——CJGC
London, Ont. ——CNRL
Midland, Ont. ——CKPR
Mission City, B. C. CJCU
Moncton, N. B. ——CNRA
Montreal, Quebec —CFCF 20
Montreal, Quebec —CKAC 49
Montreal, Quebec —CHYC
Montreal, Quebec —CNRM
Moose Jaw, Sask.—CJRM
Mt. Hamilton, Ont CHML
Ottawa, Ont. ——CKCO
Ottawa, Ont. ——CNRO
Prescott, Ont. ——CFLC
Preston, Ont. ——CKPC
Quebec, Quebec ——CHRC
Quebec, Quebec ——CKCI
Quebec, Quebec ——CKCV
Quebec, Quebec ——CNRQ
Red Deer, Alta.——CHCT
Regina, Sask. ——CHWC
Regina, Sask. ——CJBR
Regina, Sask. ——CKCK
Regina, Sask. ——CNRR
St. Hyacinthe, P.Q. CKSH
St. John, N. B.——CGBO
Saskatoon, Sask. —CFQC
Saskatoon, Sask.——CJHS

Saskatoon, Sask. —CNRS
Sea Island, B. C.——CJOR
Summerside, P.E.I.—CHGS
Sydney, N. S.——CJCB
Toronto, Ont. ——CFCA
Toronto, Ont. ——CJBC
Toronto, Ont. ——CJSC
Toronto, Ont. ——CKCL
Toronto, Ont. ——CKNC
Toronto, Ont. ——CKOW
Toronto, Ont. ——CNRT 2
Vancouver, B. C.——CHLS
Vancouver, B. C.——CKCD
Vancouver, B. C.——CKFC
Vancouver, B. C.——CKMO
Vancouver, B. C.——CKWX
Vancouver, B. C.——CNRV
Victoria, B. C.——CFCT
Winnipeg, Man. ——CNRW
Winnipeg, Man. ——CKY
Wolfville, N. S.——CKIC
Yorkton, Sask. ——CJGX

Newfoundland

St. John's ——8WMC

Foreign Broadcasting Stations

City	Call Signal	Meters	Power Watts
COSTA RICA			
San Jose	———	———	———
CUBA			
Caibarien	6EV	250	50
Caibarien	6LO	325	250
Cienfuegos	6BY	260	200
Colon	5EV	360	100
Habana	PW1H	376	500
Habana	CMC	347	500
Habana	2HP	205	200
Habana	2OK	360	100
Habana	2RK	326	50
Habana	2UF	228	100
Habana	2WX	261	150
Habana	2XA	230	200
Mariano	2MA	277	50
Santiago	8HS	200	30
Santiago	8BY	150	30
Tuinucu	6KW	368	100
GUATEMALA			
Guatemala	———	310	1000
HAITI			
Port au Prince	HHK	361.2	1000
MEXICO			
Chihuahua	CZF	310	250
Masatlan	CYR	475	250
Merida	CYY	548	100
Mexico City	CYA	300	500
Mexico City	CYB	275	500
Mexico City	CYH	375	100
Mexico City	CYJ	400	2000
Mexico City	CYL	400	500
Mexico City	CYO	425	100
Mexico City	CYX	325	500
Mexico City	CZE	350	500
Monterey	———	311	250
Monterey	CYH	———	———
Oaxaca	CYF	265	100
Pueblo	CYU	312	100
Tampico	CYQ	322	100
Tampico	CYZ	———	20
Torreon	CYM	225	1500
Vera Cruz	CYC	337	50
Vera Cruz	CYD	———	———
SALVADOR			
Salvador	AQM	482	500
ARGENTINA			
Buenos Aires	B2	275	100
Buenos Aires	D3	253.3	100
Buenos Aires	LOJ	270	1000
Buenos Aires	LOL	236	2000
Buenos Aires	LON	210	5000
Buenos Aires	LOO	252	1000
Buenos Aires	LOQ	261.8	3000
Buenos Aires	LOR	344.8	1000
Buenos Aires	LOS	291.2	5000
Buenos Aires	LOT	400	1000
Buenos Aires	LOV	361.5	1000
Buenos Aires	LOW	302	1000
Buenos Aires	LOX	380	1000
Buenos Aires	LOY	215.2	1000
Buenos Aires	LOZ	330	1000
Cordoba	H5	275	100
La Plata	LOP	425	1000
Mendoza	LOU	380	500
Rosario	F2	270	100
BOLIVIA			
La Paz	———	175	50
La Paz	———	300	50
La Paz	———	———	———
BRAZIL			
Bahia	SKV	600	50
Juiz de Fora	SQUAY	380	200
Pernambuco	———	310	300
Porto Alegre	———	———	———
Rio de Janeiro	SQAA	400	2000
Rio de Janeiro	SQAB	310	500
Rio de Janeiro	SQAJ	260	500
Sao Paulo	SQBO	225.4	1000
Sao Paulo	SQAG	360	1000
CHILE			
Antofagasta	CMAO	———	———
Concepcion	CMAI	345	1500
Santiago	CMAD	320	1000
Santiago	CMAE	280	100
Tacna	CMAT	550	200
Talcahuano	———	———	———
Temuco	CMAK	245	100
Valparaiso	———	400	50
PARAGUAY			
Asuncion	———	———	12
PERU			
Lima	OAX	360	1500
URUGUAY			
Montevideo	CWOA	428.4	1000
Montevideo	CWOF	300	100
Montevideo	CWOL	272	100
Montevideo	CWON	256.5	200
Montevideo	CWOR	350	500
Montevideo	CWOS	380	500
Montevideo	CWOW	———	500
Salta	CWOI	272	50
VENEZUELA			
Caracas	AYRE	375	1000
AUSTRIA			
Graz	———	365.8	500
Innsbruck	———	294.1	500
Klagenfurt	———	272.7	500
Linz	———	———	500
Vienna	ORV	517.2	14000
Vienna	EATH	37	———
Vienna	OHK2	70	———
BELGIUM			
Antwerp	———	265.5	100
Brussels	BAV	508.5	1500
Brussels	———	230	———
Ghent	———	275	———
Liege	———	205	100
Liege	———	294.1	100
CZECHOSLOVAKIA			
Bratislav	OKR	300	500
Brunn	OKB	441.2	2400
Kosiece	OKK	263	2000
Prague	OKP	384.9	5000
DANZIG			
Danzig	———	272.7	———
DENMARK			
Copenhagen	D7RL	42.12-84.25	———
Copenhagen	D7MK	32.05	———
Copenhagen	———	337	500
Kalundborg	———	1535	7500
Soro	———	1153.8	1500
ESTHONIA			
Tallinn	———	408	700
Tallinn	———	408	700
FINLAND			
Bjorneborg (Pori)	———	254.2	100
Helsingfors	———	500	1000
Helsingfors	———	240	2000
Jakobstad (Pietersaarki)	———	275	200
Jyvaskyla	———	297	200
Lahtis	———	1525	40000
Lahtis	———	318	180
Tammerfors (Tampere)	———	400	250
FRANCE			
Agen	2BD	297-30.7	500
Bamboul	———	———	———
Beziers	———	180	———
Biarritz	———	198	———
Bordeaux	———	419	1500

City	Call Signal	Meters	Power Watts
FRANCE—Continued			
Chateau Thierry	.....	.....	.....
Fecamp	.....	200	.....
Lille	.....	267.3	.....
Limoges	.....	285	.....
Lyon	YN	480	.....
Lyon	YR	200-340.2	5000
Marseille	.....	300	1000
Mont de Marsan	.....	390	300
Montpellier	.....	238	200
Nancy	.....	15.5	.....
Nice	.....	246	.....
Nimes	.....	240	.....
Nogent sur Seine	F8AV	80	.....
Paris	FL	2650	20000
Paris	FPTT	458	1000
Paris	F8GC	350-61	500
Paris	.....	340.9	500
Paris	.....	1750	3000
Paris	.....	308-37	250
Rennes	.....	294	1500
Strasborg	.....	222.2	.....
Toulouse	MRD	260	1000
Toulouse	.....	389.6	2000
GERMANY			
Augsburg	.....	566	700
Berlin	.....	438.9	800
Berlin	AFT	2900	8000
Berlin	.....	566	2000
Berlin	.....	2525	.....
Bremen	.....	252.1	700
Breslau	.....	322.6	4000
Doberitz	AFK	37.6-67.6	.....
Dirtmnnd	.....	283	700
Dresden	.....	275.2	700
Elberfield	.....	468.8	750
Frankfort-on-the-Main	.....	428.6	4000
Freiburg	.....	577	750
Gleiwitz	.....	250	700
Hamburg	.....	394.7	4000
Hanover	.....	297	700
Kaiserlautern	.....	204.1	4000
Kassel	.....	272.7	700
Kiel	.....	254.2	700
Konigsberg	.....	329.7	4000
Langenberg	.....	468.8	8000
Leipzig	.....	365.8	4000
Muenster	.....	241.9	1500
Munich	.....	535.7	4000
Nauen	AGC	17.2	.....
Nauen	AGJ	56.7	.....
Nuremberg	.....	303	750
Schaerbeck	.....	230	.....
Stettin	.....	236.2	700
Stuttgart	.....	379.7	4000
HUNGARY			
Budapest	MT1	555.6	2000
Budapest	MT2	1050	400
Budapest	MT3	.....	1200
ICELAND			
Akureyri	G2SH	192	.....
Reykjavik	.....	333.3	500
IRISH FREE STATE			
Cork	6CK	400	1000
Dublin	2RN	319.1	1500
ITALY			
Geona	.....	.....	6000
Milan	IMI	315.8	7000
Naples	INA	333.8	1500
Rome	IRO	449	3000
Rome	I1AX	45	.....
LATVIA			
Riga	KCX	526.3	2000
LITHUANIA			
Kovno	.....	2000	2000
LUXEMBERG			
Luxemberg	LOAA	217.4	250

City	Call Signal	Meters	Power Watts
NETHERLANDS			
De Bilt	PCFF	1100	.....
Hilversum	HDO	1060	1000
Hilversum	PCJJ	30.2-31.4	.....
Huizen	.....	1840-340.9	.....
Kootwijk	.....	184	25000
Scheveningen	.....	1875	.....
NORWAY			
Bergen	.....	370.4	1500
Bergen	LGN	30	.....
Halesund	.....	.....	.....
Oslo	.....	370.4	1500
Porsgrund	.....	405	1000
Stavanger	.....	277.6	1500
Tromsoe	.....	.....	.....
Trondhjem	.....	248.9	1000
POLAND			
Katowice	.....	422	2000
Krakow	.....	422	1300
Poznan	.....	270.3	1500
Warsaw	.....	1111.1	8000
Wilna	.....	.....	.....
PORTUGAL			
Lisbon	.....	.....	.....
Lisbon	P1AA	305	500

RUMANIA

Rumania has no broadcasting station. There have been persistent statements made that such a station is in operation, but investigation reveals that no basis exists for this belief. A broadcasting company has been promulgated by royal decree, and a station in Bucharest is projected, together with nine other stations, construction on none of these has started.

City	Call Signal	Meters	Power Watts
SPAIN			
Almeria	.....	320	1000
Barcelona	EAJ1	344.8	1000
Barcelona	EAJ13	462	1000
Bilbao	EAJ9	434.8	1000
Cadiz	EAJ3	400	1000
Cartagena	EAJ16	330	1000
Madrid	EAJ2	420	600
Madrid	EAJ7	375	1200
Madrid	EAM	30.7	.....
Malaga	EAJ25	100	100
Oviedo	EAJ19	280.4	200
Salamanca	EAJ27	500	500
San Sebastian	EAJ8	297	3000
Seville	EAJ17	434.8	600
SWEDEN			
Boden	SASE	1190	600
Bores	SMYB	230.8	150
Eskilstuna	SMUC	250	200
Falun	SMZK	335.3	500
Gavle	SMXF	204.1	200
Goteborg	SASB	416.1	600
Halmstad	SMSB	215.8	200
Halsingborg	SMYE	229	200
Hudiksvall	SMSL	272.7	150
Jonkopings	SMZD	201.3	250
Kalmar	SMSW	254.2	200
Karlsborg	SAS	52.5	.....
Karlskrona	SMSM	196	200
Karlstad	SMXG	220.6	250
Kirona	SMTG	238.1	400
Kristinehamn	SMTJ	202.7	250
Malmberget	SMXO	400	250
Malmo	SASC	260.9	600
Motala	SASG	1380	30000
Norrkoping	SMVV	275.2	250
Orebro	SMTI	236.2	200
Ormskoeldsvik	SMZA	222.2	200
Ostersund	SASF	720	600
Saffle	SMTS	252.1	400
Stockholm	SASA	454.5	1000
Sundsvall	SASD	545.6	600
Trollhattan	SMXQ	278.8	400
Uddevalla	SMZP	294.1	500
Umea	SMSM	229	200
Uppsala	SMRM	500	150
Varberg	SMSO	297	300

City	Call Signal	Meters	Power Watts
SWITZERLAND			
Basel	HB3	1000	300
Berne	———	411-32	1500
Geneva	HB1	760	500
Lausanne	HB2	850	600
Zurich	H9XD	85-32	1500
Zurich	———	500	1500
UNITED KINGDOM			
Aberdeen	2BD	500	1500
Belfast	2BE	306.1	1500
Birmingham	5IT	326.1	1500
Bournemouth	6BM	491.8	1500
Cardiff	5WA	353	1500
Caterham	2NM	32.5	———
Daventry	5XX	1600	16000
Daventry	5SW	24	———
Dundee	2DE	294	200
Edinburgh	2EH	288.5	500
Glasgow	5SC	405.4	1500
Hull	6KH	294	200
Leeds, Bradford	2LS	277.8-252.1	500
Liverpool	6LV	297	200
London	2LO	361.4	3000
Manchester	2ZY	384.6	1500
Newcastle	5NO	312.5	1500
Nottingham	5NG	275.2	200
Plymouth	5PY	400	200
Sheffield	6FL	272.7	200
Stoke-on-Trent	6ST	294	200
Swansea	5SX	294	200
YUGOSLAVIA			
Zagreb	———	275.2	100
RUSSIA			
Armavir	RA47	720	200
Artemovsk	RA56	790	1200
Astrakhan	RA26	700	1000
Baku	RA45	750	4000
Bogorodsk	RA8	750	700
Dneipropetrovsk	RA30	525	1000
Erivan	RA49	1050	1200
Gomel	RA39	925	1200
Irkutsk	RA57	1100	500
Kharkov	RA43	475-1700	4000
Kiev	RA45	775	1200
Koursk	RA34	575	1000
Krasnodar	RA38	513	1000
Leningrad	RA42	1000	10000
Leningrad	RA59	150	350
Minsk	RA18	860	1200
Moscow	RA1	1450	40000
Moscow	RA2	450	500
Moscow	RA4	450	300
Nalchik	RA67	1075	240
Nizhni-Novgorod	RA13	840	1800
Novorossisk	RA32	1117	4000
Odessa	RA40	975	1200
Orenburg	RA25	640	1000
Petrozavodsk	RA46	765	2000
Rostov-on-Don	RA14	820	4000
Samara	RA22	900	1200
Smolensk	RA72	150	800
Stalino	RA77	730	1200
Stavropol	RA20	550	1200
Sverdlovsk	RA15	1050	500
Tashkent	RA27	715	2000
Tiflis	RA11	870	4000
Tver	RA44	690	1200
Vel Ustjuk	RA16	650	1200
Vladivostok	RA17	480	1500
Vologda	RA41	875	1200
TURKEY			
Osmanieh	———	1200	6000
CEYLON			
Colombo	———	800	1500

City	Call Signal	Meters	Power Watts
CHINA			
Harbin	COHB	445	———
Mukden	COMK	425	2000
Shanghai	———	342	250
Shanghai	———	342	250
Shanghai	———	342	250
Tientsin	XOL	480	500
CHOSEN			
Seoul	JODK	357	1000
DUTCH EAST INDIES			
Batavia	JFC	220.7	40
Malabar	ANH	———	———
Surabaya	———	140	500
Surabaya	———	175	———
HONG KONG			
Victoria	GOW	300	1500
INDIA			
Bombay	2AX	320	50
Bombay	2FV	387	100
Bombay	7BY	357.1	3000
Madras	2GR	400	200
Calcutta	7CA	370.4	3000
JAPAN			
Hirasio	JHBB	37.5	———
Hiroshima	JOFK	353	———
Kumamoto	JOGK	380	2000
Nagoya	JOCK	360	1000
Osaka	JOBK	385	1000
Taipeh	JFAB	39.5	———
Tokyo	JOAK	375	1000
KWANGTUNG			
Dairen	JQAK	395	5000
STAITS SETTLEMENTS			
Singapore	ISE	330	100
AUSTRALIA			
Adelaide	5CL	302	1000
Adelaide	5DN	313	100
Bathurst	2MK	———	———
Brisbane	4CM	278	50
Brisbane	4MB	337	250
Brisbane	4QG	385	1000
Hobart	7ZL	525	3000
Melbourne	3AR	484	320
Melbourne	3LO	371	1000
Northbridge	2UW	268	100
Perth	6WF	1250	1000
Rockhampton	4RN	323	100
Sydney	2BL	353	1000
Sydney	2FC	442	2000
Sydney	2GB	326	1500
Sydney	2KY	280	300
Sydney	2UE	297	50
Sydney	2WA	462	100
NEW ZEALAND			
Auckland — — —	IYA	420	500
Christchurch	3AC	400	500
Dunedin	4YA	380	110
Palmerston	22F	280	———
Wellington	2YK	295	60
ALGERIA			
Algiers	———	310	100
Algiers	8DB	310	100
CANARY ISLANDS			
Las Palmas	EAR5	250-350	200
EGYPT			
Cairo	SRE	255	———
KENYA			
Nairobi	7LO	400-35	———
MOROCCO			
Casablanca	CNO	305	25
Casablanca	AIN	51	———
Rabat	———	416	———
TUNISIA			
Carthage	TNU	1850	———
Constantine	8KR	42.8	———
Tnuis	TUA	45-1450	100
UNION OF SOUTH AFRICA			
Cape Town	———	372	1200
Durban	———	398	1200
Johannesburg	JB	32-448.5	———
Pretoria	———	328	———

Short Wave Broadcasting Stations

(Authorized Experimental Relay Broadcasting Stations.)

UNITED STATES

Call Signal	Location	Other Data	Watts	Kcys.	Meters	Owner
W2XAC	New York, N. Y.		50	2833	105.5	Atlantic Bdcstg. Corp.
W2XE	Richmond Hill, N. Y.		500	2833	105.5	Atlantic Bdcstg. Corp.
W2XE	Richmond Hill, N. Y.		500	12700	23.6	Atlantic Bdctsg. Corp.
W2XAL	Coytesville, N. J.		500	9700	30.9	Experimenter Pub. Co.
W7XAO	Portland, Ore.		100	5603	53.5	Wilbur Jerman, Inc.
W4XE	Winter Park, Fla.		2000	2284	131.3	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	2866	104.7	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	4580	65.5	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	5780	51.9	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	9180	32.6	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	13600	22.0	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	18300	16.4	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	28000	17.7	Wm. J. Lee.
W4XE	Winter Park, Fla.		2000	30000	5.3	Wm. J. Lee.
W6A1	Los Angeles, Cal.		100	2801	107.1	Los Ang. Radio Club.
W8XJ	Columbus, Ohio		50	5553	54.2	Ohio State Univers.
W3XL	Boundbrook, N. J.		30000	500	60.0	Radio Corp. of Amer.
W1XAA	Providence, R. I. (Portable)		7½	——	——	Stanley N. Read.
W6XBH	Holy City, Cal. (Portable)		50	2814	106.6	W. E. Riker.
W9XAB	Omaha, Neb. (Portable)		50	2857	105.0	R. J. Rockwell.
W2XBR	New York, N. Y.		1000	6020	49.6	Baruchrome Corp.
W2XAD	So. Schenectady, N. Y.		25000	15340	19.5	Gen. Electric Co.
W9XA	Denver, Colo.		750	9530	31.4	Gen. Electric Co.
W2XAF	So. Schenectady, N. Y.		40000	9530	31.4	Gen. Electric Co.

See Foreign Short Wave Stations on Next Page.

Short Wave Broadcasting Stations—Continued

FOREIGN

Call Signal	Location	Watts	Meters
	CANADA		
CJRX	Winnipeg, Man.	2000	25.6
	ENGLAND		
5SW	Daventry		24.0
2NM	Caterham		32.5
	FRANCE		
F8GC	Paris	500	61.0
———	Paris	250	37.0
———	Nancy		15.5
F8AV	Nogent		80.0
	GERMANY		
AFK	Doberitz		37.6
AFK	Doberitz		67.6
AGC	Nauen		17.2
AGJ	Nauen		56.7
	HOLLAND		
PCJJ	Hilversum	1000	30.2
PCJJ	Hilversum	1000	31.4
PCLL	Kootwijk	25000	18.0
PCLL	Kootwijk	25000	32.0
	ITALY		
I1AX	Rome		45.0
	NORWAY		
LGN	Bergen		30.0
	SPAIN		
EAM	Madrid		30.7
	SWITZERLAND		
49XD	Zurich	1500	85.0
49XD	Zurich	1500	32.0
———	Berne	1500	32.0

Call Signal	Location	Watts	Meters
	RUSSIA		
RFN	Moscow		29.0
RFM	Khabarovsk		31.4
	SWEDEN		
SAS	Karlsborg		52.5
	DENMARK		
D7RL	Copenhagen		42.1
D7RL	Copenhagen		84.0
D7MK	Copenhagen		32.0
	AUSTRALIA		
EATH	Vienna		37.0
OHK2	Vienna		70.0
	MOROCCO		
A1N	Casablanca		51.0
	TUNISIA		
8KR	Constantine		42.8
	SOUTH AFRICA		
JB	Johannesburg	900	32.0
	KENYA		
7LO	Nairobi		35.0
	BRAZIL		
SQBE	Bahia		24.0
———	Para		34.0
	AUSTRALIA		
2FC	Sydney	2000	28.5
2ME	Sydney		28.5
3LO	Melbourne		36.0