

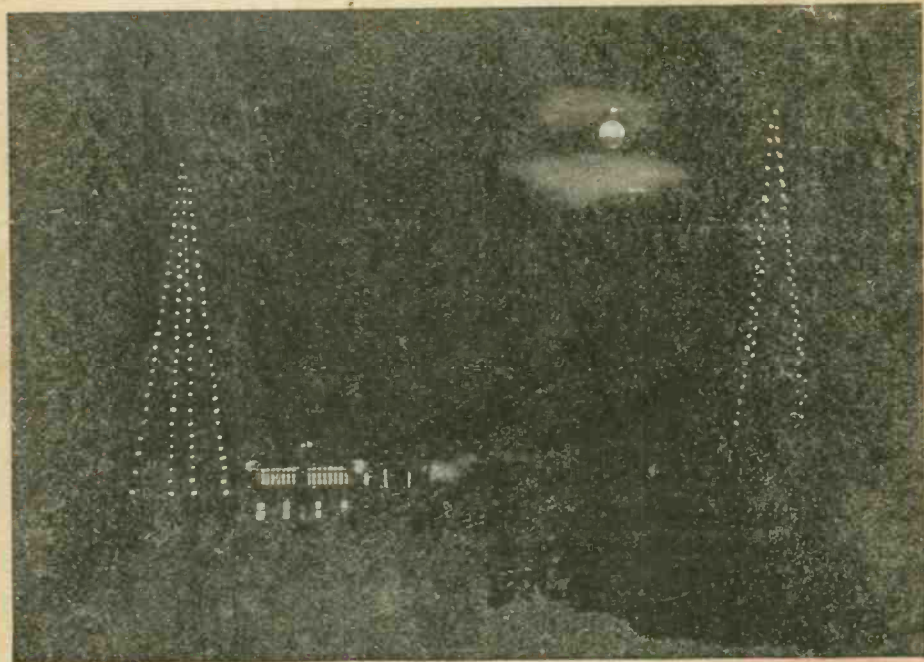
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The RADIO REGISTER

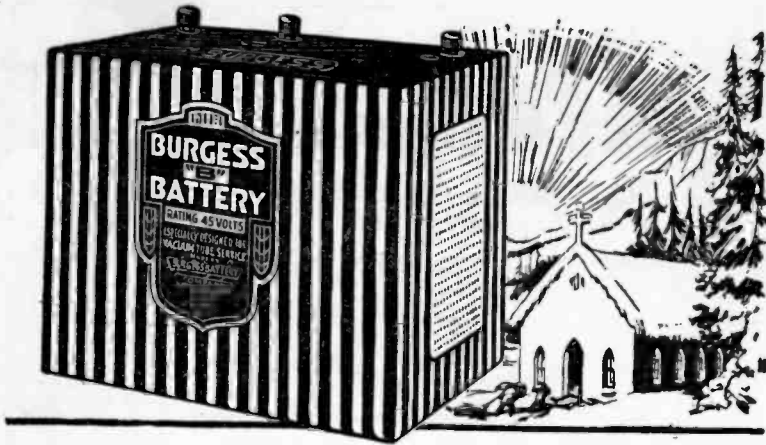
Illustrated Monthly

10¢

78-43 APRIL, 1928



Official Radio Log
Revised to Date



Burgess Radio Batteries

Lessen Solitude for Priest in Far North

RADIO—amply powered by sturdy Burgess batteries, lends a touch of enjoyment to the long, drab nights of the North. It is a source of much happiness to Father R. P. Turquetil, who holds the distinction of being one of the farthest north Christian missionaries in the world.

Father Turquetil specifies Burgesses for his radio and other uses because he has always found them *dependable and efficient!*

BURGESS BATTERY COMPANY
GENERAL SALES OFFICE: CHICAGO

**BURGESS
RADIO
BATTERIES**

RADIO REGISTER

Volume I

APRIL, 1928

Number 5

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Advertising Rates
On Application

KEEP POSTED

The Federal Radio Commission is changing the wave lengths of broadcasting stations so frequently the average listener cannot keep up without an officially corrected call book. A dial setting that is correct today may be wrong tomorrow.

The best way to keep posted on station changes is to subscribe to the

RADIO REGISTER

Each issue contains an official radio log and call book revised to date.

It shows all of the latest station changes that have been made since the previous issue.

It contains a complete directory of *all* radio broadcasting stations (not just stations of certain power but every station on the air) giving call letters, frequency, wave length, power, location and owner.

It gives the location of all broadcasting stations alphabetically by states and cities with their call letters.

It has a complete directory of all broadcasting stations arranged by wave channels under kilocycles and wave lengths.

And it also gives a table for converting kilocycles into frequencies and vice versa.

It publishes every month all the latest news of the radio world. Each issue contains sixty-eight pages or more of interesting stories about the most popular broadcasting stations, instructive articles on the construction and operation of receiving sets and accessories, unique photographs of your favorite announcers and entertainers, gossip items of the studios, illustrated features of general interest and a department for answering technical questions. It is a complete radio magazine published in the interest of the radio listeners.

Every owner of a receiving set should

SUBSCRIBE NOW AND KEEP POSTED

RADIO PUBLISHING CO.,
181 Second Avenue, North,
Nashville, Tennessee.

Enclosed find One Dollar for which send the RADIO REGISTER for one year to

Name

Street and Number

City State



The
Lullaby
Lady

Mrs. H. Carey Korndoerfer

For the past year Mrs. Korndoerfer has been heard during the early hours of the evening from KMOX, the Voice of St. Louis. Her location on the program and the fact that her songs are mostly familiar melodies has caused her large audiences to affectionately call her "The Lullaby Lady." Mrs. Korndoerfer will continue as a regular feature of KMOX during the present year.

RADIO BILL PASSES

Act Provides for Equal Allocation of Power and Wave Lengths in the Five Radio Zones

By F. B. WILSON

The new radio bill extending the life of the Federal Radio Commission for one year and providing for a more equitable allocation of wave lengths and power among broadcasting stations in the five radio zones has finally been passed.

This bill, which was sponsored by Senator Dill of Washington, who was also author of the radio act of 1927 creating the Federal Radio Commission, is practically the same as the previous measure with the exception of an amendment proposed by Representative Davis of Tennessee.

The amendment as adopted by the conference committee provides that all the radio zones shall as nearly as possible have an equal allocation of wave lengths and power and that each state shall have a fair and equitable allocation according to population.

Under the bill as passed licenses for broadcasting stations are to be issued for three months only.

An objection to the bill stating that its wording was somewhat ambiguous and that the equal allocation clause should be clarified was overruled.

If the act is to be interpreted as offering occasion for the commission to move stations around

promiscuously every month or every three months, it will not meet with the approval of the radio public. Too many inconsequential changes have already been made to meet the demands of various stations. It would seem that it is now time for the commission, when the membership is

finally confirmed, to adopt a firm policy, assigning each station to a definite wave length and keep it there. It is decidedly disappointing to a listener who has been accustomed to hearing his favorite station at a certain dial setting to tune in some night when an especially good program is to be presented and fail to find the station or to unexpectedly hear some other station in which he is not interested, because

the stations have been moved around.

The Federal Radio Commission, as an active body, ceased to exist on March 15, and it has been functioning since that time under authority of the Secretary of Commerce. Commissioner E. O. Sykes is the only member that has been confirmed by the Senate, and it is reported that many members of that body have stated they would not vote to confirm some of the remaining commissioners.

OUR COVER

The illustration on the cover of this issue is a night photograph of the towers and power house of KOIL at Council Bluffs, Iowa.

The Mona Motor Oil booklet issued by the station has the following poem, author not given, accompanying the illustration:

When dusk comes down upon
the town,

When evening shadows creep,
When flowers fold their petals
And softly fall asleep:

Then lights wink out upon the
hill,

Like twinkling fairy eyes,
To guide the song of radio,

On its journey through the
skies.

WWNC Celebrates Birthday

Asheville Station Presents Full Week of Features During Second Birthday Celebration

By JOHN D. TOPPING

A flood of letters and telegrams from radio fans, received at the offices of Station WWNC at Asheville, N. C., attest the popularity of the birthday programs broadcast by that station during the week of February 19 to 26. Congratulatory messages were received from the governors of most of the states in the United States and letters from fans in all parts of the country showed the wide range reached by the week of special programs.

Each day of the week was filled with important events from the standpoint of the radio public. On the Sunday programs, the Grove Park Inn organ was a feature, with Arnold Dann as organist.

The organ is one of the largest and finest instruments of its kind in the world. The radio week organ programs were especially selected and received a large amount of applause mail.

One of the outstanding successes of the week was the square dance at the Langren Hotel on Monday, February 20. A large crowd attended the event and the old-time square dance music was broadcast by WWNC. The affair was sponsored by the American Legion and the Sons of Confederate Veterans.

Tuesday, February 21, witnessed the birthday program of the station, in which seven orchestras took part. The program also fea-



WWNC Towers at Asheville

tured many artists who had appeared on the programs of the station during the past year. As far as possible the program was made a resume of the year of broadcasting and as many as possible of the artists who had taken part in programs sent out from the station during the year were given time on the air during the birthday broadcast. The February 21 program began at 6 p. m., and continued to 3 a. m.

A radio show at the George Vanderbilt Hotel, sponsored by the Asheville Citizen, was a feature attraction of the week. A model broadcasting room enclosed in plate glass was erected as an exhibit in this show and programs were broadcast for the benefit of those who attended the event. The broadcasting room was installed and operated by Station WWNC.

Over two thousand guests attended the first annual historical costume ball which was held at Kenilworth Inn on February 22. As the date was Washington's Birthday, the historical setting was very appropriate. Seventy-five young ladies chosen for their beauty and social prominence in as many southern cities were present and took part in the grand march of the ball. These debutantes were sponsors for their various cities they represented and were dressed in costumes representing periods in the colorful history of the South. Miss Mary Lamar Birdsey, of Savannah, Ga., was awarded first prize, her costume representing the "Savannah," the first steamship to cross the Atlantic. Miss Annie Ford, of Charleston, S. C., dressed to represent "Old Charleston." and Miss Alice Gibbon, of Charlotte, N. C., representing Queen Charlotte, were awarded second and third prizes, respectively. The events of the evening, music of the ball and descriptions of the costumes worn by visiting sponsors were broadcast by Station WWNC.

The ball at the Manor was the feature event for Thursday night, February 23. The ball was sponsored by the management of the Manor and was attended by many

people of prominence. The music of this ball was broadcast by Station WWNC. The county fair at the Asheville Women's Club House was an event of Friday, February 24, and the style show and dance in connection with this event furnished a part of the WWNC program for the evening. A dance was held at Kenilworth Inn on Saturday, February 25, and the week of broadcasting was terminated by an organ program from the Grove Park Inn on Sunday, February 26.

One of the principal events of the week was a banquet held at Kenilworth Inn, attended by over three hundred musicians, who had taken part in the programs broadcast from the station during the year. This banquet was held on the birthday night, February 21. George Hay, better known to the radio audience as "The Solemn Old Judge" of Station WSM, Nashville, Tenn., was present and took part in the broadcasting.

WWNC now enters upon its second year of service to the radio public. The station is owned and operated by the Asheville Chamber of Commerce and is the Voice of Western North Carolina. The call letters of the Station WWNC represent the phrase "Wonderful Western North Carolina."

Announcers Change

Changes in chief announcers at some of the important broadcasting stations have recently been made. Robert F. Hall, of KOIL, better known as Chief Razzberry, and his wife, Anita Dewitt Hall, station hostess, have resigned and his place has been taken by Nate Caldwell, formerly chief announcer at WBBM, one of the best-known broadcasters in the Middle West.

Ivan Jones, who has been officiating at the microphone of KYW, has been added to the staff of WBBM.

On the Pacific coast, Leslie Adams, who for three years has been chief announcer of KFI, is leaving to become a director of KMTR.

Directing Chain Programs

*Features Broadcast Over Network of Stations
Require Very Careful Planning and Attention*

By FRANK WRIGHT

When a new program feature appears on the air, if it is well presented, there is nothing to indicate the preliminary work which has been necessary to prepare it for broadcasting. Still, no broadcast feature is a Topsy. None of them "just grewed." Back of every one is a record of careful planning and development.

Probably the simplest means of explaining the process through which a new feature must pass before it is heard on the air is to take a typical case and trace through its development from the beginning of the work until the program is put into the antenna and started on its way over special circuits to other stations.

Program features fall into two main classifications—"sponsored" features put on the air under the auspices of commercial concerns for the purpose of building institutional good will, and "sustaining" features, including broadcasts by the various "stock" companies, educational and religious periods and musical programs of all kinds from hotels, night clubs and prominent motion picture theaters.

The life of a sponsored feature really begins when a contract has been made between the commercial department and a commercial concern for the use of time on the air. Immediately the machinery of the program department of the station involved starts to function.

The contract itself may specify what entertainers are to broadcast during the time allotted to the new feature, and in this case the work of the program department is lessened. Usually, however, the commercial department,

the new client, the station manager and the program department will combine to decide upon the artists, leaving the working out of the details to the program department.

The period of planning may involve almost any amount of work. The elusive idea must be pursued and captured and a definite scheme of entertainment mapped out. In some cases, three or four complete plans are made. Conferences are held between the program department, the commercial department and the sponsor, and the type of entertainment is decided upon.

The time at which the feature will appear on the air must also be decided, a process which involves many considerations. The station management must balance the entire program for the evening and make sure that every feature attains as much prominence as possible. In other words, a whole evening's program should be varied if it is to be effective. Two periods of the same sort of entertainment should not follow each other, or both of them will lose in effectiveness because of the fact.

When a plan has been approved, work is begun on detailed programs. Artists are engaged, a process which may require auditions attended by representatives of the various departments and by the sponsor. A continuity is prepared for the opening program and an announcer is chosen for the feature. The artists are given the detailed program in order that they may start rehearsing. In short, a sample program is prepared for presentation.

In preparing the continuity, care is taken that the program shall merely create good-will

rather than describe the sponsor's products. The spoken portion of any sponsored feature should relate to the musical selections, if the entire program is to accomplish its object.

The detailed program is submitted to the department of musical and literary research in order that all copyrights on the various selections may be investigated. In some cases, numbers are changed to comply with copyright restrictions.

When the sample program has been prepared, it is assembled as a unit for rehearsal at the studio. This rehearsal is attended by a commercial department representative, a member of the program department and the sponsor. In instances which involve unusual pick-up problems, a member of the operations and engineering department is also present to work out proper microphone placement and insure the best possible pick-up.

In the meantime, three other activities have been begun looking forward to the time when the feature will first be heard on the air. The traffic department has communicated with the various stations through which the sponsor desires his program to be heard and has arranged for telephone facilities to carry the program to these stations.

The clerical force of the program department has prepared program material on the feature and forwarded it to the publicity department, so that proper announcement of the coming feature may be made.

The rehearsal at the studio is criticized by those who attend it and any desired changes are made in the program. Other rehearsals will take place before the initial broadcast of the series goes on the air, and rough spots in the presentation will be smoothed off.

Shortly after the first rehearsal, however, the various departments which have helped to get the first program ready start to work on the second and

(Continued on page 11.)

Melton Heads Singers

Three new stations have been added to the network of the Seiberling Singers and they are now heard from thirty different transmitters every Tuesday evening. This is the second largest network of stations that are regularly linked together for broadcasting a particular program.

This increase in the Seiberling hook-up is coincident with a change in the character of their programs. Under the supervision of James Melton, who has been



JAMES MELTON

appointed director of programs, they will feature selections which have never before been sung by a quartet, either because they were written as instrumental pieces or because they have always been solo parts. Mr. Melton will also continue as the tenor soloist of the organization.

The China Broadcasting Association has been organized in Shanghai for the purpose of providing an efficient broadcasting service. Dues of \$10 are assessed annually and the funds used to broadcast musical and instructional programs over a local transmission plant.

INCREASES FIELD FORCE

*Radio Section of Department of Commerce
Planning Unprecedented Year of Activity*

The radio section of the United States Department of Commerce is planning an unprecedented year of activity.

The appropriation bill contains \$320,000 for the next fiscal year and for current expenditures the radio section is drawing upon a deficiency appropriation of \$140,000.

The \$320,000 appropriation includes funds for employment of about a dozen additional radio inspectors. While this increased field force cannot eliminate the heterodyne squeals in radio receivers, due to a superabundance of broadcasting stations, they can make other investigations useful to broadcast listeners.

For example, in trailing non-radio interferences, such as disturbances caused by leaking power lines and various faulty electrical equipment, this extra field force can improve radio reception conditions.

The radio section of the department of commerce likewise plans the use of four additional radio-equipped motor trucks for radio supervisors and their inspectors. These, duplicating the \$4,000 car of Supervisor E. W. Edwards, of Detroit, will consist of complete transmitting and receiving stations, measuring apparatus, wave-meters, and quartz crystal oscillators.

With an increased field force, the department of commerce will undertake a program which has long had the sanction of Secretary Hoover. It is the zoning of the service areas around broadcasting stations. This means that the radio inspector will make accurate measurements over a considerable period to determine just what broadcast listeners may expect in the way of reliable signals day and night, summer and winter.

To carry out this project, Uncle

Sam has ordered new field intensity measurement apparatus from the Bell telephone laboratories.

This new apparatus not only can determine the strength of signals from a broadcasting station, but can consider such obstructing factors as steel structures, bridges and other objects which either absorb or distort radio waves.

Eventually, by virtue of this work, a radio fan can look at a map and by zones determine what broadcasting stations can bring programs to his receiver at different times of the day and night with respect to seasonal changes of the year.

Chain Programs

(Continued from Page 10.)

third appearance of the feature. Detailed programs are made up and given to the artists three weeks in advance so that every detail of each presentation may be carefully worked out.

The final step in the presentation of the first program takes place when it goes on the air. The broadcast is listened to by the station manager or his representatives, for he is really the stage manager of the station.

In every case where contact occurs between various departments, printed forms are used to make sure that information is transmitted accurately. No details are left to memory or to oral agreement.

Once the first program has been broadcast, a regular rehearsal schedule is maintained for further features in the series. Every broadcast must be rehearsed in the studio twice before it goes on the air, necessitating an elaborate schedule.



DR. E. F. W. ALEXANDERSON

Member of the Board of Consulting Engineers of the National Broadcasting Company, and his home radio picture receiver, showing photographic paper on revolving cylinder. In the background is a small box containing the rectifying and amplifying unit, a part of the apparatus, which can be attached to any standard radio receiver in much the same manner as a loud speaker. The first public demonstration of this receiver was recently given when Mayor Walker's picture was transmitted over WEAf and received in a home twenty-five miles from the station.

New KDKA Studio

Radio Station KDKA has acquired new quarters in the Fort Pitt Hotel, where a specially constructed studio is equipped with the very latest transmitting apparatus and an office for the program department under direction of Mr. G. Dare Fleck.

The studio is practically sound proof. Draperies have been hung on the side walls to improve the studio acoustically. Side lights and ceiling fixtures add materially to the warmth and tone of the room. Two large glass panels have been inserted in the door leading into the studio from the hall so that guests of the hotel may look in upon the artists as the various programs are being broadcast.

A new suite of offices, reception room and studios are now occupied by WIBO, Chicago, on the roof of the new St. Clair Hotel.

Program Cost High

Adelaide Finch, investigating for the National Association of Broadcasters, reports the following figures, from a national analysis, regarding the amounts expended by radio stations for programs, exclusive of operating costs.

500-watt stations average program expenditure, \$11,800. Individual stations vary in expenditures from \$500 to \$36,000.

1000-watt stations average expenditure \$32,000. Individual stations vary from \$10,000 to \$50,000.

5000-watt stations average expenditure, \$42,000. Individual stations vary from \$18,000 to \$120,000.

Ronnie Tashoff and his orchestra are the latest entertainers to be added to the red network of the National Broadcasting Company.



[Questions Regarding Radio Announcers,
Artists and Entertainers Will Be Answered,
If Possible, in This Department]

The "Nutty Club" is sponsored by WBBM, and is on the air after midnight on Sundays. I don't recall just when it started, but it is one of the oldest. I read some time ago that it had over 400,000 members.

The 30-minute men get their name from the fact that they are on the air just one-half hour. They are a regular feature of the Columbia Broadcasting System.

I cannot locate WBOT, New York, or WFAF, Philadelphia. We are inclined to believe you did not get the call letter correctly. Try them again and give us part of their programs and I will attempt to locate them for you.

The Bell Telephone Laboratories recently published a non-technical pamphlet on Television, which was mailed to their stockholders. You can probably obtain a copy by writing their information department at 195 Broadway, New York City.

The Chicago Daily News owns and operates WMAQ and also controls WQJ, the Calumet Baking Powder station, both broadcasting on a frequency of 670 kilocycles. The Columbia system lists WMAQ as their Chicago station, with WQJ carrying the program on Sunday afternoons. WJAZ, which has no connection with either of the other two stations, broadcasts the Sunday night programs. This probably will straighten you out on the Columbia hook-up in Chicago.

A resume of the important events in the history of radio is contained in Radio Service Bulletin No. 129. It gives the high spots in the development of radio broadcasting from 1827 to date. The bulletin is for sale by the Superintendent of Documents, Government Printing Office, Washington, D. C., for 5 cents a copy.

Why Tubes Are Silvered

Many people have wondered why radio tubes are silvered. There are two reasons for this.

It is impossible to obtain a perfect vacuum in a tube, and the remaining air left in it contains impurities which will not only affect results obtained but will also cause the tubes to vary. It is necessary, therefore, that these impurities be removed or their action nullified so that they do not affect the action of the tube. To accomplish this a small amount of magnesium or a similar agent is introduced into the tube. When this becomes hot it vaporizes and rapidly combines with the traces of impurities in the air left in the tube. It is this vapor of magnesium that settles on the inside of the tube and gives it its silver color.

The reason for the different colors in the tube is either because a metal other than magnesium was used or is due to the different impurities in the tube at the time it was heated.



[Interesting Items of Information Regarding
Radio Programs and Newsy Paragraphs
From Broadcasting Stations]

Sam 'n' Henry, two of radio's best known comedians, have left WGN to become Amos and Andy at WMAQ. They are now on the air each night except Sunday and Wednesday.

Freeman F. Gosden and Charles J. Correll are the creators of Sam 'a' Henry. For the last two years they have broadcast from WGN the adventures of two happy but luckless darkies.

WBAL has named their orchestras. The former Salon orchestra is now known as the "Calvertons," while the dance orchestra is called the "Marylanders," giving the Baltimore broadcasts a decided historic flavor.

Two new stations have been added to the National Broadcasting System hookup. Radio station WOAI, San Antonio, Texas, owned by the Southern Electrical Equipment Co., has joined the red network. This is one of the oldest stations in the Southwest, having been first licensed by the government in October, 1922. The other station is KOA, Denver, Colo., which is one of the several stations owned by the General Electric Company.

The Strolling Players is a new attraction at WBZ-WBZA. This is a group of amateur thespians under the direction of Mrs. Helene M. Bool, presenting a series of one-act plays in regular barnstorming style.

It now only costs \$83 for a three-minute talk to Germany by radio. But if I put in a call it would just be my luck to get the wrong number.

I thought this was pretty good when I wrote it, but O. O. McIntyre goes me one better and says the reply would be "Wrong Country."

The Chicago stations are back on the air, some of them for the first time in five years, with regular programs on Monday nights. Improved receiving sets, together with the recent order clearing many wave channels, have been instrumental in gradually eliminating silent nights. The fear that the Federal Radio Commission might assign their wave lengths to others on Monday night was also given as one of the causes for resuming a seven-day schedule in Chicago.

Dr. George W. Young, owner of Station WDGY, at Minneapolis, has been sued by Gene Buck, president of the American Society of Composers, Authors and Publishers, for infringement of copyright. It is alleged that the song, "My Blue Heaven," was broadcast without a license from the society by this station last December. This suit is expected to settle the question of the right of broadcasting stations to use songs owned by the society in radio programs without paying a royalty or license.



C. J. MATTHEWS

Recently appointed commercial representative in the mid-west for the National Broadcasting Company, with headquarters in the Chicago studios. Mr. Matthews has lived a greater part of his life in the Mississippi Valley and has had wide experience there in the sales and advertising fields.

QUESTIONS AND ANSWERS

Questions Regarding Operation of Radio Sets Answered Without Charge in This Department

120. The diagram submitted is correct and will make a satisfactory set for reception of nearby stations. It can be built at a very small expense, but do not expect to get DX, as it will not bring in nistant stations.

121. Report your complaint to the power rompany. In most cases they are ready to assist radio listeners and will inspect the line and attempt to locate the trouble.

122. The best way to tune out the offending station is to reduce the length of your antenna. If this does not give satisfactory results install a wave trap, which can easily be made or can be purchased complete for a small sum.

124. A battery that has been used as long as you state is probably worn out. Take it to a battery service station and have an expert examine it.

125. Your set uses storage battery tubes and we recommend you try a type A tube for the detector.

126. An expert can, of course, rewire your set to use A. C. tubes, but we suggest you investigate the device known as an "A. C. Harness." There are several makes now on the market.

127. One or more of your tubes are defective. Have them tested.

128. An indoor antenna is not recommended for use with your set. You can use wires around the molding if you have no other option, but reception will not be satisfactory.

129. We know of no device that will successfully eliminate static, but we have heard very little static complaint with any of the late model receivers.

130. Try a type 300 A tube in your detector socket.

131. Those who have used underground antennae say it satisfactorily eliminates static. As most manufacturers will ship an outfit on trial, you can test it for yourself.

New Tube Announced

Will Provide Much Greater Volume Without Distortion

A still larger and more powerful amplified radiotron is announced by the Radio Corporation of America. It is designated as the UX-250 power amplifier radiotron, and is capable of delivering over three times as much undistorted energy as the UX-210, long the favorite power amplifier tube for maximum volume and tone quality in home reception.

This new tube will provide a far greater loudspeaker volume, without distortion, than has heretofore been possible, especially in conjunction with auditorium loudspeakers and in the operation of a plurality of loudspeakers from a common amplifier, as in hospital and exposition work. It is interesting to note that while the plate voltage has not been materially increased over that of the UX-210, the required plate current is three times as great as for the UX-210. Obviously, while the new tube is capable of enormous volume—far more than can be utilized in the largest of living rooms—it is unnecessary to operate it at full output. Instead, it may be employed at but a fraction of its full capacity, thus securing undistorted output at all times with ample reserve power. It is this service of power which gives that character to reproduction often referred to as "depth" or "timbre."

Log of Broadcasting Stations

Complete Directory of All Radio Broadcasting Stations, Giving Call Letters, Frequency, Power, Location and Owner

KDKA	950kc	315.6m	50,000w	KFDX	1270kc	236.1m	250w
East Pittsburgh, Pa.	Westing. E. & M. Co.			Shreveport, La.	First Baptist Church.		
KDLR	1300kc	230.6m	15w	KFDY	550kc	545.1m	500w
Devil's Lake, N. D.	Radio Electric Co.			Brookings, S. D.	State College.		
KDYL	1160kc	258.5m	100w	KFDZ	1390kc	215.7m	10w
Salt Lake City, Utah.	Interm. Bdg. Corp.			Minneapolis, Minn.	Harry O. Iverson.		
KELW	1310kc	228.9m	500w	KFEC	1400kc	214.2m	50w
Burbank, Cal.	Earl L. White			Portland, Ore.	Meier & Frank Co.		
KEX	1080kc	277.6m	2500w	KEJK	1190kc	252m	250w
Portland, Ore.	Western Broadcasting Co.			Los Angeles, Cal.	Lang & Scott.		
KFAB	940kc	319m	5,000w	KFEL	1320kc	227.1m	250w
Lincoln, Nebr.	Nebraska Buick Auto Co.			Denver, Colo.	Eugene P. O Fallon, Inc.		
KFAD	1100kc	272.6m	500w	KFEQ	1300kc	230.6m	1,000w
Phoenix, Ariz.	Electrical Equipment Co.			St. Joseph, Mo.	Scroggins & Co. Bank		
KFAU	1050kc	285.5m	2,000w	KFEY	1290kc	232.4m	10w
Boise, Idaho.	Independent School District.			Keliogg, Idaho.	Union High School.		
KFBB	1090kc	275.1m	50w	KFGQ	1430kc	209.7m	10w
Havre, Mont.	F. A. Buttrey Co.			Boone, Iowa.	Boone Biblical College.		
KFBC	1210kc	247.8m	100w	KFH	1220kc	245.8m	500w
San Diego, Cal.	Dr. Arthur W. Yale.			Wichita, Kans.	Hotel Lassen.		
KFBI	1470kc	204m	50w	KFHA	1200kc	249.9m	50w
San Francisco, Cal.	Flying Broadcasters, Inc.			Gunnison, Colo.	Western State College.		
KFBK	1090kc	275.1m	100w	KFHL	1410kc	212.6m	10w
Sacramento, Cal.	Kimball Upson Co.			Oskaloosa, Iowa.	Penn College.		
KFBL	1340kc	223.7m	50w	KFI	640kc	468.5m	5,000w
Everett, Wash.	Leese Bros.			Los Angeles, Cal.	Earl C. Anthony, Inc.		
KFBU	620kc	483.6m	500w	KFIF	1310kc	228.9m	50w
Laramie, Wyo.	St. Matthew Cathedral.			Portland, Ore.	Benson Polytechnic Inst.		
KFCB	1230kc	243.8m	125w	KFIO	1220kc	245.8m	100w
Phoenix, Ariz.	Nielsen Radio Supply Co.			Spokane, Wash.	North Central High School.		
KFCR	1420kc	211.1m	100w	KFIU	1330kc	225.4m	10w
Santa Barbara, Cal.	S. B. Broadcasting Co.			Juneau, Alaska.	Light & Power Co.		
KFDM	620kc	483.6m	500w	KFIZ	1120kc	267.7m	100w
Beaumont, Tex.	Magnolia Petroleum Co.			Fon du Lac, Wis.	Daily Commonwealth.		

KFJB	1210kc	247.8m	100w	KFOX	1160kc	258.5m	100w
Marshalltown, Iowa.	Electric Co.			Omaha, Neb.	Technical High School.		
KFJF	1100kc	272.6m	750w	KFPL	1090kc	275.1m	15w
Oklahoma City, Okla.	Nat. Radio Mfg. Co.			Dublin, Tex.	C. C. Baxter.		
KFJI	1200kc	249.9m	15w	KFPM	1300kc	230.6m	15w
Astoria, Ore.	E. E. Marsh			Greenville, Tex.	New Furniture Co.		
KFJM	900kc	333.1m	100w	KFPR	1290kc	232.4m	250w
Grand Forks, N. D.	State University.			Los Angeles, Cal.	County Forestry Dept.		
KFJR	1250kc	339.9m	500w	KFPW	1140kc	263m	50w
Portland, Ore.	Ashley C. Dixon & Son.			Carterville, Mo.	Lannie W. Stewart.		
KFJY	1290kc	232.4m	100w	KFPY	1220kc	245.8m	250w
Fort Dodge, Iowa.	Tunwall Radio Co.			Spokane, Wash.	Symons Investment Co.		
KFJZ	1200kc	249.9m	50w	KFQA	1280kc	234.2m	50w
Fort Worth, Tex.	W. E. Branch.			St. Louis, Mo.	The Principia.		
KFKA	1200kc	249.9m	500w	KFQB	900kc	331.1m	1,000w
Greeley, Colo.	State Teachers College.			Fort Worth, Tex.	W. B. Fishburn, Inc.		
KFKB	1240kc	241.8m	1,500w	KFQD	870kc	344.6m	100w
Milford, Kans.	Dr. J. R. Brinkley.			Anchorage, Alaska.	Anchorage Radio Club.		
KFKU	1180kc	254.1m	500w	KFQU	1440kc	208.2m	100w
Lawrence, Kans.	State University.			Holy City, Calif.	W. E. Riker.		
KFKX	570kc	526m	2500w	KFQW	1380kc	217.3m	100w
Chicago, Ill.	Westing. Elec. & Mfg. Co.			Seattle, Wash.	KFQW, Inc.		
KFKZ	1330kc	225.4m	15w	KFQZ	1290kc	232.4m	250w
Kirkville, Mo.	State Teachers College.			Hollywood, Cal.	Taft Radio Co.		
KFLV	1120kc	267.7m	100w	KFRC	660kc	454.3m	1,000w
Rockford, Ill.	Swedish Evang. Church.			San Francisco, Cal.	Don Lee, Inc.		
KFLX	1110kc	270.1m	100w	KFRU	1200kc	249.9m	500w
Galveston, Tex.	George R. Clough.			Columbia, Mo.	Stephen's College.		
KFMR	1290kc	232.4m	100w	KFSD	680kc	440.9m	500w
Sioux City, Iowa.	Morningside College.			San Diego, Cal.	Air Fan Radio Corp.		
KFMX	1270kc	236.1m	500w	KFSG	1190kc	252m	300w
Northfield, Minn.	Carleton College.			Los Angeles, Cal.	Echo Park Evan. Assn.		
KFNF	650kc	461.3m	1,000w	KFUL	1160kc	258.5m	500w
Shenandoah, Iowa.	Henry Field Seed Co.			Galveston, Tex.	Goggan Music Co.		
KFOA	670kc	447.5m	1,000w	KFUM	620kc	485.6m	1,000w
Seattle, Wash.	Rhodes Dept. Store.			Colorado Springs, Colo.	Corley Mtn. Highway.		
KFON	1240kc	241.8m	500w	KFUO	550kc	545.1m	1,000w
Lone Beach, Cal.	Nichols & Warriner, Inc.			St. Louis, Mo.	Concordia Seminary.		
KFOR	1880kc	217.3m	100w	KFUP	1320kc	227.1m	100w
Lincoln, Neb.	Howard A. Shuman			Denver, Colo.	Fitzsimmons General Hospital.		
				KFUR	1830kc	225.4m	500w
				Ogden, Utah.	Perry Building Co., Inc.		

KFUS 1440kc 208.2m 50w
Oakland, Cal. Dr. L. L. Sherman.

KFUT 1200kc 249.9m 50w
Salt Lake City, Utah. State University.

KFVD 1390kc 215.7m 250w
Venice, Cal. McWhinnie Elec. Co.

KFVG 1330kc 225.4m 50w
Independence, Kan. First M. E. Church.

KFVI 1260kc 238m 50w
Houston, Tex. 56th Cavalry.

KFVS 1340kc 223.7m 50w
Cape Girardeau, Mo. Hirsch Radio Co.

KFWB 850kc 352.7m 500w
Hollywood, Cal. Warner Bros. Pictures

KFWC 1210kc 247.8m 100w
Ontario, Cal. L. E. Wall.

KFWF 1400kc 214.2m 250w
St. Louis, Mo. St. Louis Truth Center.

KFWI 1120kc 267.7m 500w
San Francisco, Cal. Radio Enter., Inc.

KFWM 1270kc 236.1m 500w
Oakland, Cal. Oakland Educational Society.

KFWO 1000kc 299.8m 250w
Avalon, Cal. Major Lawrence Mott.

KFXD 1470kc 204m 15w
Jerome, Ida. Service Radio Co.

KFXE 1060kc 282.8m 250w
Denver, Colo. Colorado Radio Corp.

KFXJ 1430kc 209.7m 50w
Edgewater, Colo. R. G. Howell.

KFXR 1340kc 223.7m 50w
Oklahoma City, Okla. Exch. Ave. Bapt. Ch.

KFXY 1460kc 205.4m 25w
Flagstaff, Ariz. M. M. Costigan.

KFYO 1420kc 211.1m 15w
Breckenridge, Tex. Kirksey Bros.

KFYR 1200kc 249.9m 250w
Bismark, N. D. Hoskins-Meyer, Inc.

KGA 1150kc 260.7m 2,000w
Spokane, Wash. Northwest Radio Service.

KGAR 1280kc 234.2m 100w
Tucson, Ariz. Tucson Citizen.

KGBU 1310kc 228.9m 500w
Ketchikan, Alaska. Alaska Radio Co.

KGBX 1040kc 288.3m 100w
St. Joseph, Mo. Foster Hall Tire Co., Inc.

KGBY 1350kc 222.1m 50w
Columbus, Neb. Dunning & Taddiken.

KGBZ 1410kc 212.6m 100w
York, Neb. Dr. Geo. R. Miller.

KGCA 1210kc 247.8m 10w
Decorah, Iowa. Charles W. Greenley.

KGCB 1390kc 215.7m 50w
Oklahoma City, Okla. Wallace Radio Inst.

KGCH 1020kc 298.9m 250w
Wayne, Neb. Wayne Hospital

KGCI 1360kc 220.4m 100w
San Antonio, Tex. Liberty Radio Sales

KGCL 1300kc 230.6m 100w
Seattle, Wash. Wasmer & Taft.

KGCN 1440kc 208.2m 50w
Concordia, Kan. Concordia Broadcasting Co.

KGCR 1440kc 208.2m 15w
Brookings, S. D. Cutler's Radio Service.

KGCU 1250kc 239.9m 150w
Mandan, N. D. Mandan Radio Assn.

KGCX 1230kc 243.8m 10w
Vida, Mont. First State Bank.

KGDA 1180kc 254.1m 15w
Dell Rapids, S. D. Home Auto Co.

KGDE 1460kc 205.4m 50w
Barrett, Minn. Jaren Drug Co.

KGDM 1380kc 217.3m 10w
Stockton, Cal. E. F. Pepper.

KGDP 1340kc 223.7m 10w
Pueblo, Colo. Boy Scouts of America.

KGDR 1450kc 206.8m 15w
San Antonio, Tex. Radio Engineers.

KGDW 1020kc 293.9m 100w
Humboldt, Neb. Frank J. Rist.

KGDX	1410kc	212.6m	250w	KGFL	1350kc	222.1m	50w
Shreveport, La.	W. E. Anthony.			Raton, N. Mex.	Broadcasting Co.		
KGDY	1450kc	206.8m	15w	KGFM	1420kc	211.1m	15w
Oldham, S. D.	J. Albert Loescn.			Yuba City, Cal.	George W. Johnson.		
KGEF	1140kc	263m	1,000w	KGFN	1500kc	199.9m	15w
Los Angeles, Cal.	Trinity Methodist Church.			Aneta, N. D.	Haraldson & Thingstad.		
KGEK	1140kc	263m	10w	KGFO	1470kc	204m	100w
Yuma, Colo.	Beehler Electric Co.			Terre Haute, Ind.	Brant Radio Co.		
KGEN	1330kc	225.4m	15w	KGFP	1410kc	212.6m	10w
El Centro, Cal.	E. R. Ireys & F. M. Bowles.			Mitchell, S. D.	Mitchell Broadcasting Co.		
KGEO	1460kc	205.4m	100w	KGFW	1010kc	296.9m	10w
Grand Island, Neb.	Hotel Yancey.			Ravenna, Neb.	Otto F. Sothman.		
KGEQ	1470kc	204m	50w	KGFX	1180kc	254.1m	200w
Minneapolis, Minn.	Fred W. Herrmann.			Pierre, S. D.	Dana McNeil		
KGER	1390kc	215.7m	100w	KGGF	1450kc	206.8m	100w
Long Beach, Cal.	C. Merwin Dobyns.			Picher, Okla.	Dr. D. L. Connell.		
KGES	1470kc	204m	10w	KGGH	1410kc	212.6m	50w
Central City, Neb.	Central Radio Co.			Cedar Grove, La.	Bates Radio Co.		
KGEU	1320kc	227.1m	50w	KGGM	1470kc	204m	100w
Lower Lake, Cal.	L. W. Clement.			Inglewood, Cal.	Jay Peters.		
KGEW	1370kc	218.8m	100w	KGHA	1430kc	209.7m	500w
Fort Morgan, Colo.	City of Fort Morgan.			Pueblo, Colo.	Sweeney & Walpole.		
KGEZ	1020kc	293.9m	100w	KGHB	1320kc	227.1m	250w
Kalispe ^l , Mont.	Flathead Bdg. Co.			Honolulu, Hawaii.	Radio Sales Co.		
KGFB	1340kc	223.7m	10w	KGHC	1430kc	209.7m	15w
Iowa City, Iowa.	Albert C. Dunkel.			Slayton, Minn.	Hegsted Radio Co.		
KGFF	1460kc	205.4m	25w	KGHF	1430kc	209.7m	250w
Alva, Okla.	Earl E. Hampshire.			Pueblo, Colo.	Lasky & Albert.		
KGFG	1390kc	215.7m	50w	KGHP	1140kc	263m	50w
Oklahoma City, Okla.	Full Gospel Church.			Hardin, Mont.	American Legion.		
KGFH	1140kc	263m	250w	KGO	780kc	384.4m	5,000w
La Crescenta, Cal.	Frederick Roberson			Oakland, Cal.	General Electric Co.		
KGFI	1360kc	220.4m	15w	KGRC	1360kc	220.4m	100w
San Angelo, Texas.	M. L. Evans.			San Antonio, Tex.	Gene Roth & Co.		
KGfJ	1410kc	212.6m	100w	KGRS	1230kc	243.8m	250w
Los Angeles, Cal.	Ben S. McGlashan.			Amarillo, Tex.	Gish Radio Service.		
KGfK	1340kc	223.7m	50w	KGTT	1360kc	220.4m	50w
Hallock, Minn.	Kittson County Enterprise.			San Francisco, Cal.	Glad Tidings Temple.		
				KGU	1110kc	270.1m	600w
				Honolulu, Hawaii.	Marion A. Mulrony.		

KGW 610kc 491.5m 1,000w
Portland, Ore. The Oregonian.

KGY 1220kc 245.8m 50w
Lacey, Wash. St. Martin's College.

KHJ 750kc 399.8m 1,000w
Los Angeles, Cal. Don Lee, Inc.

KHMC 1270kc 236.1m 100w
Harlingen, Tex. Harlingen Music Co.

KHQ 810kc 370.2m 1,000w
Spokane, Wash. Louis Wasmer, Inc.

KICK 930kc 322.4m 100w
Red Oak, Iowa. Atlantic Automobile Co.

KJBS 1360kc 220.4m 160w
San Francisco, Cal. J. Brunton & Sons.

KJR 860kc 348.6m 2,500w
Seattle, Wash. Northwest Radio Service Co.

KKP 1480kc 202.6m 15w
Seattle, Wash. City Harbor Department.

KLCN 1050kc 285.5m 50w
Blytheville, Ark. Courier-News.

KLDS 1110kc 270.1m 1,500w
Independence, Mo. Church of Jesus Christ.

KLIT 1500kc 199.9m 10w
Portland, Ore. Louis E. Thompson.

KLS 1220kc 245.8m 250w
Oakland, Cal. Warner Brothers.

KLX 590kc 508.2m 500w
Oakland, Cal. The Tribune.

KLZ 850kc 352.7m 1,000w
Dupont, Colo. Reynolds Radio Co., Inc.

KMA 760kc 394.5m 1,000w
Shenandoah, Iowa. May Seed & Nursery Co.

KMBC 1110kc 270.1m 1,500w
Independence, Mo. Midland Bdg. Co.

KMED 1110kc 270.1m 50w
Medford, Ore. W. J. Virgin.

KMIC 1340kc 228.7m 250w
Inglewood, Cal. J. R. Fouch.

KMJ 820kc 365.6m 50w
Fresno, Cal. The Fresno Bee.

KMMJ 1050kc 285.5m 250w
Clay Center, Neb. M. M. Johnson Co.

KMO 1180kc 254.1m 500w
Tacoma, Wash. KMO, Inc.

KMOX 1000kc 299.8m 5,000w
St Louis, Mo. Voice of St. Louis, Inc.

KMTR 570kc 526m 500w
Los Angeles, Cal. KMTR Radio Corp.

KNRC 800kc 374.8m 500w
Santa Monica, Cal. Clarence B. Juneau.

KNX 890kc 336.9m 500w
Los Angeles, Cal. Los Angeles Express.

KOA 920kc 325.9m 5,000w
Denver, Colo. General Electric Co.

KOAC 1110kc 270.1m 500w
Corvallis, Ore Oregon Agricultural College.

KOB 1050kc 285.5m 5,000w
State College, N. M. College of Agriculture.

KOCH 1160kc 258.5m 250w
Omaha, Neb. Central High School.

KOCW 1190kc 252m 250w
Chickasaw, Okla. College for Women.

KOIL 940kc 319m 5,000w
Council Bluffs, Iowa. Mona Motor Oil Co.

KOIN 940kc 319m 1,000w
Portland, Ore. KOIN, Inc.

KOMO 970kc 309.1m 1,000w
Seattle, Wash. Fishers Blend Station.

KOOS 1490kc 201.2m 50w
Eugene, Ore. Eugene Broadcasting Station.

KOW 1370kc 218.8m 250w
Denver, Colo. Olinger Corp. Broadcasting.

KPCB 1300kc 230.6m 100w
Seattle, Wash. Pacific Coast Biscuit Co.

KPJM 1400kc 214.2m 15w
Prescott, Ariz. Wilburn Radio Service.

KPLA 1040kc 288.3m 500w
Los Angeles, Cal. Bertram O. Heller.

KPNP 1420kc 211.1m 100w
Muscatine, Iowa. Central Radio Co.

KPO	710kc	422.3m	1,000w	KTAB	1070kc	280.2m	500w
San Francisco, Cal.	Chronicle and Hale Bros.			Oakland, Cal.	Associated Broadcasters.		
KPOF	1490kc	201.2m	500w	KTAP	1310kc	228.9m	20w
Denver, Colo.	Pillar of Fire, Inc.			San Antonio, Texas.	Robert B. Bridge.		
KPPC	950kc	315.6m	50w	KTBI	1090kc	275.1m	1,000w
Pasadena, Cal.	Presbyterian Church.			Los Angeles, Cal.	Bible Institute.		
KPRC	1020kc	293.9m	500w	KTBR	1310kc	228.9m	50w
Houston, Texas.	The Post-Dispatch.			Portland, Ore.	Brown's Radio Shop.		
KPSN	950kc	315.6m	1,000w	KTHS	780kc	384.4m	1,000w
Pasadena, Cal.	The Star-News.			Hot Springs, Ark.	New Arlington Hotel.		
KQV	1110kc	270.1m	500w	KTNT	1170kc	256.3m	2,000w
Pittsburgh, Pa.	Doubleday Hill Electric Co.			Muscataine, Iowa.	Norman Baker.		
KQW	1010kc	296.9m	500w	KTSA	1130kc	265.3m	2,000w
San Jose, Cal.	First Baptist Church.			San Antonio, Tex.	Lone Star Broadcast Co.		
KRAC	1360kc	220.4m	50w	KTUE	1410kc	212.6m	5w
Shreveport, La.	Caddo Radio Club.			Houston, Texas.	Uhalt Electric Co.		
KRE	1220kc	245.8m	100w	KTW	760kc	394.5m	1,000w
Berkeley, Cal.	Congregational Church.			Seattle, Wash.	Presbyterian Church.		
KRLD	650kc	461.3m	500w	KUJ	1500kc	199.9m	10w
Dallas, Texas.	KRLD, Inc.			Seattle, Wash.	Puget Sound Bdg. Co.		
KRSC	1480kc	202.6m	50w	KUOA	1010kc	296.9m	500w
Seattle, Wash.	Radio Sales Corp.			Fayetteville, Ark.	University of Arkansas.		
KSAC	900kc	333.1m	500w	KUOM	650kc	461.3m	500w
Manhattan, Kans.	Agricultural College.			Missoula, Mont.	University of Montana.		
KSBA	1120kc	267.7m	1,000w	KUSD	620kc	483.6m	250w
Shreveport, La.	W. G. Patterson.			Vermillion, S. D.	University of South Dak.		
KSCJ	1230kc	243.8m	500w	KUT	1290kc	232.4m	500w
Sioux City, Iowa.	Perkins Bros. Co.			Austin, Texas.	University of Texas.		
KSD	550kc	545.1m	500w	KVI	1060kc	282.8m	250w
St. Louis, Mo.	Post-Dispatch.			Tacoma, Wash.	Puget Sound Brd. Co.		
KSEI	900kc	333.1m	250w	KVL	1480kc	202.6m	100w
Pocatello, Idaho.	KSEI Broadcasting Assn.			Seattle, Wash.	A. C. Dailey.		
KSL	990kc	302.8m	1,000w	KVOO	860kc	348.6m	1,000w
Salt Lake City, Utah.	Radio Service Corp.			Mustang, Okla.	Southwestern Sales Corp.		
KSMR	1100kc	272.6m	100w	KVOS	1430kc	209.7m	250w
Santa Maria, Cal.	Santa Maria Valley R.R.			Bellingham, Wash.	L. Kessler.		
KSO	1320kc	227.1m	500w	KWBS	1500kc	199.9m	15w
Clarinda, Iowa.	Berry Seed Co.			Portland, Ore.	Schaeffer Radio Co.		
KSOO	1430kc	209.7m	250w	KWCR	1250kc	239.9m	250w
Sioux Falls, S. D.	Sioux Falls Brd. Assn.			Cedar Rapids, Iowa.	H. F. Paar.		
KSTP	1250kc	222.1m	2,000w				
St. Paul, Minn.	Maurice G. Goldberg.						

KWG 870kc 344.6m 50w
Stockton, Cal. Portable Wireless Telephone.

KWJJ 1200kc 249.9m 50w
Portland, Ore. Wilbur Jerman.

KWK 1280kc 234.2m 1,000w
St. Louis, Mo. Benson Bdg. Co.

KWKC 1350kc 222.1m 100w
Kansas City, Mo. Wilson Duncan Studios.

KWKH 760kc 394.5m 1,000w
Shreveport, La. W. K. Henderson.

KWLC 1210kc 247.8m 50w
Decorah, Iowa. Lutheran College.

KWSC 760kc 394.5m 500w
Pullman, Wash. State College.

KWTC 1100kc 272.6m 100w
Santa Ana, Cal. John Wesley Hancock.

KWUC 1230kc 243.8m 1,500w
Le Mars, Iowa. Western Union College.

KWWG 1080kc 277.6m 500w
Brownsville, Tex. Lone Star Broadcast Co.

KXA 860kc 348.6m 500w
Seattle, Wash. American Radio Tele. Co.

KXL 1360kc 220.4m 100w
Portland, Ore. KXL Broadcasting Corp.

KXRO 1340kc 223.7m 50w
Aberdeen, Wash. KXRO, Inc.

KYA 830kc 361.2m 1,000w
San Francisco, Cal. Pacific Bdg. Corp.

KYW 570kc 526m 5,000w
Chicago, Ill. Westinghouse E. & M. Co.

KZIB 1200kc 249.9m 20w
Manila, P. I. I. Beck, Inc.

KZKZ 1110kc 270.1m 100w
Manila, P. I. Electrical Supply Co.

KZM 1440kc 208.2m 100w
Oakland, Cal. Preston D. Allen.

KZRQ 750kc 399.8m 500w
Manila, P. I. Far Eastern Radio, Inc.

NAA 690kc 434.5m 1,000w
Arlington, Va. Naval Radio Station.

WAAD 1300kc 230.6m 25w
Cincinnati, Ohio. Mechanics Institute.

WAAF 770kc 389.4m 500w
Chicago, Ill. Daily Drivers Journal.

WAAM 16-17
1120kc 267.7m 250w
Newark, N. J. I. R. Nelson Co.

WAAT 25-26
1220kc 245.8m 300w
Jersey City, N. J. Bremer Bdg. Corp.

WAAW 680kc 440.9m 500w
Omaha, Neb. Omaha Grain Exchange.

WABC 970kc 309.1m 2,500w
New York City. Atlantic Bdg. Corp.

WABF 1460kc 205.4m 250w
Pringleboro, Pa. Markle Bdg. Corp.

WABI 770kc 389.4m 100w
Bangor, Maine. Universalist Church.

WABO 1180kc 254.1m 250w
Rochester, N. Y. Hickson Electric Co.

WABW 1210kc 247.8m 50w
Wooster, Ohio. College of Wooster.

WABY 1210kc 247.8m 50w
Philadelphia, Pa. John Margaldi, Jr.

WABZ 1260kc 238m 50w
New Orleans, La. Coliseum Place Church.

WADC 1260kc 238m 1,000w
Akron, Ohio. Allen T. Simmons.

WAFD 1230kc 248.8m 100w
Detroit, Mich. Albert B. Parfet Co.

WAGM 1330kc 225.4m 50w
Royal Oak, Mich. Robert L. Miller.

WAIT 1400kc 214.2m 10w
Taunton, Mass. A. H. Waite & Co.

WAIU 1060kc 282.8m 5,000w
Columbus, Ohio. American Insurance Union.

WAIZ 1320kc 227.1m 100w
Appleton, Wis. Zuelke Music Studio.

WALK 1490kc 201.2m 50w
Willow Grove, Pa. Albert A. Walker.

WAPI	880kc	340.7m	1,000w	WBES	1130kc	265.3m	100w
Auburn, Ala.	Polytechnic Institute.			Takoma Park, Md.	Bliss Electrical School.		
WARS	1320kc	227.1m	500w	WBET	1040kc	288.3m	500w
Brooklyn, N. Y.	Amateur Radio Spec. Co.			Boston, Mass.	Boston Transcript.		
WASH	1170kc	256.3m	250w	WBIS	650kc	461.3m	500w
Grand Rapids, Mich.	Baxter Laundries, Inc.			Boston, Mass.	Shepard Stores.		
WATT	1490kc	201.2m	100w	WBKN	1500kc	199.9m	100w
Boston, Mass.	Edison Electric Co.			Brooklyn, N. Y.	Arthur Faske.		
WBAA	1100kc	272.6m	500w	WBMH	1420kc	111.1m	100w
West Lafayette, Ind.	Purdue University.			Detroit, Mich.	Braun's Music House.		
WBAK	1000kc	299.8m	500w	WBMS	1500kc	199.9m	100w
Harrisburg, Pa.	Penn. State Police.			New York City.	George J. Schowerer.		
WBAL	1050kc	285.5m	5,000w	WBNY	1270kc	236.1m	500w
Baltimore, Md.	Gas & Power Co.			New York, N. Y.	Baruchrome Corp.		
WBAO	1120kc	267.7m	100w	WBOQ	970kc	309.1m	500w
Decatur, Ill.	James Milliken University.			Richmond Hill, N. Y.	Atlantic Bdg. Corp.		
WBAP	600kc	499.7m	5,000w	WBRC	1240kc	241.8m	250w
Fort Worth, Texas.	Carter Publications.			Birmingham, Ala.	Birmingham Bdg. Co.		
WBAW	1250kc	239.9m	500w	WBRE	1200kc	249.9m	100w
Nashville, Tenn.	Waldrum Drug Co			Wilkes-Barre, Pa.	Baltimore Radio Ex.		
WBAX	1200kc	249.9m	100w	WBRL	1290kc	232.4m	500w
Wilkes-Barre, Pa.	John H. Stenger, Jr.			Tilton, N. H.	Booth Radio Laboratory.		
WBBC	1320kc	227.1m	500w	WBRB	1420kc	211.1m	100w
Brooklyn, N. Y.	Brooklyn Bdg. Corp.			Brooklyn, N. Y.	North American Bdg. Corp.		
WBBL	1280kc	234.2m	100w	WBSO	780kc	384.4m	100w
Richmond, Va.	Grace Covenant Church.			Wellesley Hills, Mass.	Babson Organization.		
WBBM	770kc	389.4m	5,000w	WBT	1160kc	238.5m	750w
Chicago, Ill.	Atlas Investment Co.			Charlotte, N. C.	C. C. Coddington.		
WBBP	1250kc	239.9m	100w	WBZ	900kc	333.1m	15,000w
Petoskey, Mich.	Petoskey High School.			Springfield, Mass.	Westinghouse E. & M. Co.		
WBBR	1170kc	256.3m	1,000w	WBZA	900kc	331.1m	500w
Rossville, N. Y.	Peoples Pulpit Assn.			Boston, Mass.	Westinghouse E. & M. Co.		
WBBW	1270kc	236.1m	100w	WCAC	560kc	535.4m	500w
Norfolk, Va.	Ruffner Junior High School.			Mansfield, Conn.	Agricultural College.		
WBBY	1200kc	249.9m	75w	WCAD	1280kc	234.2m	250w
Charleston, S. C.	Wash. Light Infantry.			Canton, N. Y.	St. Lawrence University.		
WBBZ	1470kc	204m	100w	WCAE	650kc	461.3m	500w
Chicago, Ill.	C. L. Carroll.			Pittsburgh, Pa.	Kaufman & Baer Co.		
WBCN	1040kc	288.3m	250w	WCAH	1230kc	243.8m	500w
Chicago, Ill.	Great Lakes Bdg. Co.			Columbus, Ohio.	C. A. Entreklin.		

WCAJ 790kc 379.5m 500w
Lincoln, Neb. Wesleyan University.

WCAL 1050kc 285.5m 500w
Northfield, Minn. St. Olaf College.

WCAM 1340kc 223.7m 500w
Camden, N. J. City of Camden.

WCAO 1230kc 243.8m 250w
Baltimore, Md. Monumental Radio, Inc.

WCAP 1250kc 239.9m 500w
Asbury Park, N. J. Radio Industries Bd. Co.

WCAT 1210kc 247.8m 100w
Rapid City, S. D. School of Mines.

WCAU 1150kc 260.7m 500w
Philadelphia, Pa. Universal Bdg. Co.

WCAX 1180kc 254.1m 100w
Burlington, Vt. University of Vermont.

WCAZ 1200kc 249.9m 50w
Carthage, Ill. Carthage College.

WCBA 1350kc 222.1m 100w
Allentown, Pa. Chas. W. Heimback.

WCBD 870kc 344.6m 5,000w
Zion, Ill. W. G. Voliva.

WCBE 1320kc 227.1m 5w
New Orleans, La. Uhalt Radio Co.

WCBM 1330kc 225.4m 100w
Baltimore, Md. Hotel Chateau.

WCBR 1490kc 201.2m 100w
Providence, R. I. C. H. Meester.

WCBS 1430kc 209.7m 250w
Springfield, Ill. Dewing and Meester.

WCCO 740kc 405.2m 5,000w
Mpls.-St. Paul, Minn. Washburn-Crosby Co.

WCDA 1420kc 211.1m 250w
Brooklyn, N. Y. Italian Bdg. Co.

WCFL 620kc 483.6m 1,500w
Chicago, Ill. Chicago Federation of Labor.

WCGU 1370kc 218.8m 500w
Sea Gate, N. Y. Charles G. Unger.

WCLO 1320kc 227.1m 100w
Wis. C. E. Whitmore.

WCLS 1390kc 215.7m 150w
Joliet, Ill. M. A. Felman Co.

WCMA 1150kc 260.7m 500w
Culver, Ind. Culver Military Academy.

WCOA 1200kc 249.9m 500w
Pensacola, Fla. City of Pensacola.

WCOC 1300kc 230.6m 250w
Columbus, Miss. Crystal Oil Co.

WCOT 1330kc 225.4m 100w
Providence, R. I. Jacob Conn.

WCRW 1340kc 223.7m 500w
Chicago, Ill. Clinton R. White.

WCSH 820kc 365.5m 500w
Portland, Maine. Congress Square Hotel.

WCSO 1170kc 256.3m 500w
Springfield, Ohio. Wittenberg College.

WCWK 1400kc 214.2m 250w
Fort Wayne, Ind. Chester W. Keen

WCWS 1130kc 265.3m 100w
Danbury, Conn. Conn. Bdg. Co.

WCX 680kc 440.9m 5,000w
Detroit, Mich. Free Press.

WDAE 1120kc 267.7m 500w
Tampa, Fla. Tampa Times.

WDAF 810kc 370.2m 1,000w
Kansas City, Mo. Kansas City Star.

WDAG 1140kc 263m 250w
Amarillo, Texas. J. Lawrence Martin.

WDAH 1280kc 234.2m 100w
El Paso, Texas. Trinity Methodist Church.

WDAY 550kc 545.1m 250w
Fargo, N. D. Radio Equipment Corp.

WDBJ 1300kc 230.6m 250w
Roanoke, Va. Richardson-Wayland E. Co.

WDBO 1040kc 288.3m 500w
Orlando, Fla. Orlando Bdg. Co., Inc.

WDEL 1010kc 296.9m 100w
Wilmington, Del. Elec. Specialty Co.

WDGY 1050kc 285.5m 500w
Minneapolis, Minn. Dr. George W. Young.

WDOD 12-18
1230kc 243.8m 500w
Chattanooga, Tenn. Chattanooga Radio Co.

WDRC
1060kc 282.8m 500w
New Haven, Conn. Doolittle Radio Corp.

WDWF
1210kc 247.8m 250w
Cranston, R. I. Dutee W. Flint.

WDZ
1080kc 277.6m 100w
Tuscola, Ill. James L. Bush.

WEAF
610kc 491.5m 50,000w
New York, N. Y. National Bdg. Co.

WEAM
1140kc 263m 250w
North Plainfield, N. J. City of N. Plainfield.

WEAN
1090kc 275.1m 500w
Providence, R. I. The Shepard Stores.

WEAO
1060kc 282.8m 750w
Columbus, Ohio. Ohio State University.

WEAR
750kc 399.8m 1,000w
Cleveland, Ohio. Willard Battery Co.

WEBC
1240kc 241.8m 250w
Superior, Wis. Walter C. Bridges.

WEBE
1210kc 247.8m 10w
Cambridge, Ohio. Ray W. Waller.

WEBH
820kc 365.6m 500w
Chicago, Ill. Edgewater Beach Hotel.

WEBJ
1170kc 256.3m 500w
New York, N. Y. Third Avenue Railway.

WEBQ
1340kc 223.7m 15w
Harrisburg, Ill. Tate Radio Co.

WEBR
1240kc 241.8m 200w
Buffalo, N. Y. H. H. Howell.

WEBW
1160kc 258.5m 500w
Beloit, Wis. Beloit College.

WEDC
1240kc 241.8m 500w
Chicago, Ill. Emil Denmark.

WEEL
590kc 508.2m 500w
Boston, Mass. Edison Electric Co.

WEHS
1390kc 215.7m 100w
Evanston, Ill. Victor C. Carlson Org., Inc.

WEMC
620kc 483.6m 1,000w
Berrien Springs, Mich. Emanuel College.

WENR 25-28
1040kc 288.3m 500w
Chicago, Ill. Great Lakes Bdg. Co.

WEPS
1010kc 296.9m 100w
Gloucester, Mass. Matheson Radio Co.

WEVD 21-23
1220kc 245.8m 500w
Woodhaven, N. Y. Debs Radio Fund.

WEW
850kc 352.7m 1,000w
St. Louis, Mo. St. Louis University.

WFAA
550kc 545.1m 500w
Dallas, Texas. News and Journal.

WFAM
1190kc 252m 10w
St. Cloud, Minn. Times Publishing Co.

WFAN
1340kc 223.7m 500w
Philadelphia, Pa. Keystone Bdg. Co.

WFBC
1280kc 234.2m 50w
Knoxville, Tenn. First Baptist Church.

WFBE
1220kc 245.8m 250w
Cincinnati, Ohio. Garfield Place Hotel.

WFBG
1120kc 267.7m 100w
Altoona, Pa. Wm. F. Gable Co.

WFBJ
1100kc 272.6m 100w
Collegeville, Minn. St. John's University.

WFBL
1160kc 258.5m 750w
Syracuse, N. Y. The Onondaga Hotel.

WFBM
1090kc 275.1m 1,000w
Indianapolis, Ind. Heat & Light Co.

WFBR
1230kc 243.8m 100w
Baltimore, Md. Baltimore Radio Shop.

WFBZ
1210kc 247.8m 50w
Galesburg, Ill. Knox College.

WFCI
1240kc 241.8m 100w
Pawtucket, R. I. Frank Crook, Inc.

WFDF
1100kc 272.6m 100w
Flint, Mich. Frank D. Fallain.

WFI
740kc 405.2m 500w
Philadelphia, Pa. Strawbridge & Clothier.

WFIW
1150kc 260.7m 750w
Hankinsville, Ky. Acme Mills.

WFJC
1320kc 227.1m 500w
Akron, Ohio. W. F. Jones

WFKB 1340kc 223.7m 500w
Chicago, Ill. Francis K. Bridgman.

WFKD 1210kc 247.8m 50w
Philadelphia, Pa. Foulkrod Radio Co.

WFLA 580kc 516.9m 750w
Clearwater, Fla. Chamber of Commerce.

WGAL 1190kc 252m 15w
Lancaster, Pa. Lancaster Elec. Supply Co.

WGBB 1220kc 245.8m 400w
Freeport, N. Y. Harry J. Carmen.

WGBC 1310kc 228.9m 15w
Memphis, Tenn. First Baptist Church.

WGBF 1270kc 236.1m 250w
Evansville, Ind. Finke Furniture Co.

WGBI 1800kc 230.6m 250w
Scranton, Pa. Scranton Broadcasters.

WGBS 860kc 348.6m 500w
New York City. Gimbel Brothers, Inc.

WGCM 1350kc 222.1m 15w
Gulfport, Miss. Gulf Coast Music Co.

WGCP 1120kc 267.7m 250w
Newark, N. J. May Radio Bd. Corp.

WGES 1240kc 241.8m 500w
Chicago, Ill. Oak Leaves Bd. Corp.

WGHP 1080kc 277.6m 750w
Detroit, Mich. George H. Phelps, Inc.

WGL 1020kc 293.9m 1,000w
Secaucus, N. J. International Bd. Corp.

WGM 1440kc 208.2m 50w
Jeanette, Pa. Verne and Elton Spencer.

WGMS 1220kc 245.8m 500w
Minneapolis, Minn. State University.

WGMU 1490kc 201.2m 100w
New York, N. Y. Atlantic Bd. Corp.

WGN 720kc 416.4m 500w
Chicago, Ill. Chicago Tribune.

WGOP 1500kc 199.9m 100w
New York City. Frederick B. Zittell.

WGR 990kc 302.8m 750w
Buffalo, N. Y. Federal Radio Corp.

WGST 1110kc 270.1m 500w
Atlanta, Ga. Ga. School of Technology

WGWB 1110kc 270.1m 250w
Milwaukee, Wis. Evening Wisconsin.

WGY 790kc 379.5m 50,000w
Schenectady, N. Y. General Electric Co.

WHA 900kc 333.1m 750w
Madison, Wis. University of Wisconsin.

WHAD 1110kc 270.1m 500w
Milwaukee, Wis. Marquette University.

WHAM 1070kc 280.2m 5,000w
Rochester, N. Y. Stromberg-Carlson Mfg. Co.

WHAP 1270kc 236.1m 1000w
New York, N. Y. Defenders of Truth Soc.

WHAS 930kc 322.4m 500w
Louisville, Ky. Courier Journal & Times.

WHAZ 980kc 305.9m 500w
Troy, N. Y. Rensselaer Poly. Institute.

WHB 880kc 340.7m 500w
Kansas City, Mo. Sweeney Auto School.

WHBA 1150kc 260.7m 10w
Oil City, Pa. C. C. Shaffer.

WHBC 1270kc 236.1m 10w
Canton, Ohio. St. Johns Catholic Church.

WHBD 1350kc 222.1m 100w
Bellefontaine, Ohio. Chamber of Commerce.

WHBF 1350kc 222.1m 100w
Rock Island, Ill. Beardsley Spec. Co.

WHBL 1470kc 204m 250w
Sheboygan, Wis. Press.

WHBM 1490kc 201.3m 100w
Chicago, Ill. C. L. Carrell.

WHBN 1010kc 269.9m 10w
Gainesville, Fla. State University.

WHBP 1310kc 228.9m 250w
Johnstown, Pa. Johnstown Automobile Co.

WHBQ 1290kc 232.4m 100w
Memphis, Tenn. WHBQ, Inc.

WHBU 1860kc 220.4m 15w
Anderson, Ind. Citizens Bank.

WHBW 1360kc 220.4m 100w
Philadelphia, Pa. D. R. Klensle.

WBY	1200kc	249.9m	50w	WIBX	1260kc	238m	150w
West De Pere, Wis.	St. Norbert's College.			Utica, N. Y.	WIBX, Inc.		
WHDI	1220kc	245.8m	500w	WIBZ	1300kc	230.6m	15w
Minneapolis, Minn.	Dunwoody Institute.			Montgomery, Ala.	A. D. Trum.		
WHEC	1180kc	254.1m	500w	WICC	1130kc	265.3m	500w
Rochester, N. Y.	Hickson Elec. Co.			Bridgeport, Conn.	Bridgeport Bdg. Station.		
WHFC	1390kc	215.7m	200w	WIL	1160kc	258.5m	250w
Chicago, Ill.	Goodson and Wilson.			St. Louis, Mo.	Benson Radio Bdg. Co.		
WHK	1180kc	265.3m	500w	WIOD	1210kc	247.8m	1000w
Cleveland, Ohio.	Radio Air Service Corp.			Miami, Fla.	Carl G. Fisher.		
WHN	760kc	394.5m	500w	WIP	860kc	348.6m	
New York, N. Y.	Geo. Schubel.			Philadelphia, Pa.	Gimbel Bros.		
WHO	560kc	535.4m	5000w	WJAD	900kc	333.1m	500w
Des Moines, Iowa.	Bankers Life Co.			Waco, Tex.	Frank P. Jackson.		
WHPP	1450kc	206.8m	10w	WJAG	1050kc	285.5m	500w
New York, N. Y.	Bronx Broadcasting Co.			Norfolk, Nebr.	The Daily News.		
WHT	980kc	305.9m	5,000w	WJAK	1280kc	234.2m	50w
Chicago, Ill.	Radiophone Bdg. Corp.			Kokomo, Ind.	J. K. Kentz.		
WLAD	1040kc	288.3m	100w	WJAM	1250kc	239.9m	250w
Philadelphia, Pa.	Howard R. Miller.			Cedar Rapids, Iowa.	D. M. Perham.		
WLAS	930kc	322.4m	100w	WJAR	620kc	483.6m	500w
Ottumwa, Iowa.	Poling Electric Co.			Providence, R. I.	The Outlet Company.		
WIBA	1250kc	239.9m	100w	WJAS	1110kc	270.1m	500w
Madison, Wis.	Capital Times.			Pittsburgh, Pa.	Radio Supply House.		
WIBG	680kc	440.9m	50w	WJAX	880kc	340.7m	1,000w
Philadelphia, Pa.	St. Paul P. E. Church.			Jacksonville, Fla.	City of Jacksonville.		
WIBJ	1490kc	201.2m	100w	WJAY	1320kc	227.1m	500w
Chicago, Ill.	C. L. Carrell.			Cleveland, Ohio.	Radio Broadcasting Co.		
WIBM	1490kc	201.2m	100w	WJAZ	1140kc	263m	5,000w
Chicago, Ill.	C. L. Carrell.			Chicago, Ill.	Zenith Radio Corp.		
WIBO	980kc	305.9m	5,000w	WJBA	1210kc	247.8m	50w
Chicago, Ill.	WIBO, Inc.			Joliet, Ill.	J. H. Lentz, Jr.		
WIBR	1200kc	249.9m	50w	WJBB	870kc	344.6m	250w
Steubenville, Ohio.	T. A. Owings.			Tampa, Fla.	Amore College.		
WIBS	1470kc	204m	250w	WJBC	1320kc	227.1m	100w
Elizabeth, N. J.	N. J. Broadcasting Corp.			La Salle, Ill.	Hummer Furniture Co.		
WIBU	1380kc	217.3m	20w	WJBI	1140kc	263m	250w
Fayette, Wis.	State Journal.			Red Bank, N. J.	Robert S. Johnson.		
WIBW	1470kc	204m	100w	WJBK	1360kc	220.4m	15w
Chicago, Ill.	C. L. Carrell.			Ypsilanti, Mich.	Ernest F. Goodwin.		

15-18 *with*
songs

WJBL 1410kc 212.6m 250w
Decatur, Ill. Wm. Gushard Dry Goods Co.

WJBO 1140kc 263m 100w
New Orleans, La. Valdemar Jensen.

WJBT 770kc 389.4m 500w
Chicago, Ill. John S. Boyd.

WJBU 1400kc 214.2m 100w
Lewisburg, Pa. Bucknell University.

WJBW 1260kc 238m 30w
New Orleans, La. C. Carlson, Jr.

WJBY 1280kc 234.2m 50w
Gadsden, Ala. Electric Construction Co.

WJBZ 1440kc 208.2m 100w
Chicago Heights, Ill. Palmer & Coppotilli.

WJJD *12-21*
820kc 365.6m 1000w
Mooseheart, Ill. Loyal Order of Moose.

WJKS 1290kc 232.4m 500w
Gary, Ind. Kennedy Radio Corp.

WJPW 1440kc 208.2m 30w
Ashtabula, Ohio. J. P. Wilson.

WJR 680kc 440.9m 500w
Detroit, Mich. Richards-Oakland Co.

WJZ 660kc 454.8m 30,000w
New York, N. Y. Radio Corp. of America.

WKAQ 930kc 322.4m 500w
San Juan, P. R. Radio Corp. of Porto Rico.

WKAR 1080kc 277.6m 500w
East Lansing, Mich. Michigan State College.

WKAU 1340kc 223.7m 50w
Laconia, N. H. Laconia Radio Club.

WKBB 1390kc 215.7m 150w
Joliet, Ill. Sanders Bros.

WKBC 1370kc 218.8m 10w
Birmingham, Ala. H. E. Ansley.

WKBE 1310kc 228.9m 100w
Webster, Mass. K. & B. Electric Co.

WKBF 1190kc 252m 250w
Indianapolis, Ind. Noble B. Watson.

WKBG 1490kc 201.3m 100w
Chicago, Ill. C. L. Carroll.

WKBH 1360kc 220.4m 500w
La Crosse, Wis. Calloway Music Co.

WKBI 1390kc 215.7m 50w
Chicago, Ill. Fred E. Schoenwohf.

WKBL 1460kc 205.4m 15w
Monroe, Mich. Monronia Radio Mfg. Co.

WKBN 1400kc 214.2m 50w
Youngstown, Ohio. W P. Williamson, Jr.

WKBO 1370kc 218.8m 500w
Jersey City, N. J. Camith Corp.

WKBP 1410kc 212.6m 50w
Eattie Creek, Mich. Inquirer News.

WKBQ 1370kc 218.8m 500w
New York, N. Y. Standard Cahill Co.

WKBS 1380kc 217.3m 100w
Galesburg, Ill. Permil L. Nelson.

WKBT 1190kc 252m 50w
New Orleans, La. First Baptist Church.

WKBV 1380kc 217.3m 100w
Brookville, Ind. Knox Battery & Elec. Co.

WKBW *18-4*
1480kc 217.3m 500w
Buffalo, N. Y. Churchill Evangelistic Assn.

WKBZ 1500kc 199.9m 15w
Ludington, Mich. Carl L. Ashbacher.

WKDR 1210kc 247.8m 15w
Kenosha, Wis. Edward Dato.

WKEN 1470kc 204m 250w
Buffalo, N. Y. Presbyterian Church.

WKJC 1190kc 252m 50w
Lancaster, Pa. Kirk, Johnson & Co.

WKRC 1220kc 245.8m 500w
Cincinnati, Ohio. Kodel Radio Corp.

WKY 1040kc 288.3m 150w
Oklahoma City, Okla. WKY Radiophone Co.

WLAC *19-11*
1330kc 225.4m 1,000w
Nashville, Tenn. Life & Casualty Ins. Co.

WLAP 1120kc 267.7m 30w
Louisville, Ky. Va. Ave. Baptist Church.

WLB 1220kc 245.8m 500w
Minneapolis, Minn. University of Minn.

WLBC	1430kc	209.7m	50w	WLIT	740kc	405.2m	500w
Muncie, Ind.	D. A. Burton.			Philadelphia, Pa.	Lit. Bros.		
WLBK	1430kc	209.7m	50w	WLOE	1420kc	211.1m	100w
Kansas City, Mo.	Everett L. Dillard.			Chelsea, Mass.	W. S. Pote.		
WLBG	1400kc	214.2m	100w	WLS	870kc	344.6m	5000w
Petersburg, Va.	R. H. Gambel.			Chicago, Ill.	Sears Roebuck & Co.		
WLBH	1290kc	232.4m	30w	WLSI	1210kc	247.8m	250w
Farmingdale, N. Y.	Joseph L. Lombardi.			Cranston, R. I.	Lincoln Studios.		
WLBK	1260kc	238m	250w	WLTH	1170kc	256.8m	250w
Wenona, Ill.	Wenona Legion Bds.			Brooklyn, N. Y.	Voice of Brooklyn.		
WLBL	900kc	333.1m	1,000w	WLTS	620kc	483.6m	100w
Stevens Point, Wis.	Dept. of Markets.			Chicago, Ill.	Lane Technical High School.		
WLBK	1300kc	230.6m	50w	WLW	56-56 700kc	428.8m	5,000w
Boston, Mass.	Browning-Drake Corp.			Cincinnati, Ohio.	Crosley Radio Corp.		
WLBK	1470kc	204m	50w	WLWL	810kc	370.2m	1,000w
Chicago, Ill.	William E. Hiler.			New York, N. Y.	Society of St. Paul.		
WLBK	1380kc	217.3m	100w	WMAK	1330kc	225.4m	500w
Galesburg, Ill.	Frederick A. Treble, Jr.			Cazenovia, N. Y.	C. B. Meredith.		
WLBK	1870kc	218.8m	25w	WMAF	700kc	428.3m	500w
Atwood, Ill.	E. Dale Trout.			Dartmouth, Mass.	Round Hill Radio Corp.		
WLBK	1210kc	247.8m	15w	WMAK	550kc	545.1m	750w
Rockford, Ill.	Rockford Bdg. Corp.			Lockport, N. Y.	Norton Laboratory, Inc.		
WLBK	1210kc	247.8m	50w	WMAL	1240kc	271.8m	500w
Crown Point, Ind.	Harold Wendell.			Washington, D. C.	Leese Optical Co.		
WLBK	1450kc	206.8m	50w	WMAN	1280kc	234.2m	50w
Mansfield, Ohio.	Mansfield Broad. Assn.			Columbus, Ohio.	Heskett Radio Co.		
WLBK	1020kc	293.9m	500w	WMAK	670kc	447.5m	1,000w
Oil City, Pa.	Petroleum Telephone Co.			Chicago, Ill.	Chicago Daily News.		
WLBK	1470kc	204m	250w	WMAY	1280kc	234.2m	100w
Long Island, N. Y.	John N. Brahy.			St. Louis, Mo.	Kingshighway Presby. Ch.		
WLBK	1430kc	209.7m	50w	WMAZ	1110kc	270.1m	500w
Iron Mountain, Mich.	Aimone Electric Co.			Macon, Ga.	Mercer University.		
WLBK	1440kc	208.2m	250w	WMBA	1470kc	204m	100w
Dover, Maine.	Thomas L. Guernsey.			Newport, R. I.	Le Roy J. Beebe.		
WLBK	1210kc	247.8m	50w	WMBB	1190kc	252m	5,000w
Ithaca, N. Y.	Lutheran Assn.			Chicago, Ill.	Am. Bond & Mortgage Co.		
WLBK	1390kc	215.7m	50w	WMBK	1230kc	243.8m	100w
Lexington, Mass.	Lexington Air Station.			Detroit, Mich.	Michigan Broadcasting Co.		
WLBK	720kc	416.4m	15,000w	WMBD	1460kc	205.4m	250w
Chicago, Ill.	Liberty Weekly.			Peoria Heights, Ill.	P. H. Radio Laboratory.		

WMBE 1440kc 208.2m 10w
St. Paul, Minn. Dr. C. S. Stevens.

WMBF 780kc 384.4m 500w
Miami Beach, Fla. Fleetwood Hotel.

WMBG 1360 220.4m 15w
Richmond, Va. Havens & Martin.

WMBH 1470kc 204m 100w
Joplin, Mo. Edwin D. Aber.

WMBI 1140kc 263m 5,000w
Chicago, Ill. Moody Bible Institute.

WMBJ 1290kc 232.4m 50w
Monessen, Pa. William R. McShaffrey.

WMBL 1310kc 228.9m 100w
Lakeland, Fla. Benford Radio Studios.

WMBM 4430kc 209.7m 10w
Memphis, Tenn. Seventh Day Adventists.

WMBO 1860kc 220.4m 100w
Auburn, N. Y. Radio Service Laboratories.

WMBQ 1470kc 204m 100w
Brooklyn, N. Y. Paul J. Gollhofer.

WMBR 1190kc 252m 100w
Tampa, Fla. F. J. Reynolds.

WMBS 1280kc 234.2m 250w
Lemoine, Pa. Mack Battery Co.

WMBW 1400kc 214.2m 50w
Youngstown, Ohio. Youngstown Bdg. Co.

WMC 580kc 516.9m 500w
Memphis, Tenn. Commercial Appeal.

WMCA 810kc 370.2m 500w
Hoboken, N. J. Greely Square Hotel.

WMCO 1100kc 272.6m 250w
Saginaw, Mich. Wolverine Bdg. Co.

WMES 1420kc 211.1m 50w
Boston, Mass. Educational Society.

WMPC 1280kc 234.2m 30w
Lapeer, Mich. First Methodist Church.

WMRJ 1450kc 206.8m 10w
Jamaica, N. Y. P. J. Prinz.

WNAC 650kc 461.3m 500w
Boston, Mass. Shepard Stores.

WNAD 1250kc 239.9m 500w
Norman, Okla. University of Oklahoma.

WNAL 1160kc 258.5m 250w
Omaha, Nebr. R. J. Rockwell.

WNAT 1040kc 238.3m 100w
Philadelphia, Pa. Lennig Bros.

WNAX 1080kc 277.6m 250w
Yankston, S. Dak. Gurney Seed & Nurs. Co.

WNBA 1440kc 208.2m 200w
Forest Park, Ill. M. T. Rafferty.

WBNF 1450kc 206.8m 50w
Endicott, N. Y. Hewitt-Wood Radio Co.

WNBH 1150kc 260.7m 250w
New Bedford, Mass. New Bedford Bdg. Co.

WNBK 1450kc 206.8m 50w
Knoxville, Tenn. Lonsdale Baptist Church.

WNBL 1500kc 199.9m 15w
Bloomington, Ill. Harvey R. Storm.

WNBO 1420kc 211.1m 15w
Washington, Pa. John B. Spriggs.

WNBQ 1460kc 205.4m 15w
Rochester, N. Y. Gordon P. Brown.

WNBK 1310kc 228.9m 100w
Memphis, Tenn. Popular Radio Shop.

WNBW 1500kc 199.9m 5w
Carbondale, Pa. Home China Co.

WNBX 1240kc 241.8m 10w
Springfield, Vt. First Congregational Ch.

WNBZ 1290kc 232.4m 10w
Saranac Lake, N. Y. Smith & Mace.

WNJ 6-6 1120kc 267.7m 250w
Newark, N. J. Herman Lubinsky.

WNOX 1180kc 265.3m 1,000w
Knoxville, Tenn. Peoples Tel. & Tel. Co.

WNRC 1340kc 223.7m 250w
Greensboro, N. C. Wayne M. Nelson.

WNYC 570kc 526m 500w
New York, N. Y. Municipal Station.

WOAI 600kc 499.7m 5,000w
San Antonio, Tex. Southern Equipment Co.

WOAN 1250kc 239.9m 500w
Lawrenceburg, Tenn. James D. Vaughan.

WOAX 1250kc 239.9m 500w
Trenton, N. J. Franklin J. Wolff.

WOBR 1470kc 204m 10w
Shelby, Ohio. Earl Smith.

WOBT 1460kc 205.4m 15w
Union City, Tenn. Tittsworth Radio Co.

WOBU 1120kc 267.7m 50w
Charleston, W. Va. Radio Bdg. Co.

WOC 800kc 374.8m 5,000w
Davenport, Iowa. Palmer Chiropractic Sch.

WOCL 1840kc 223.7m 25w
Jamestown, N. Y. A. E. Newton.

WODA 1020kc 293.9m 1,000w
Paterson, N. J. O'Dea Temple of Music.

WOI 1180kc 265.3m 2,500w
Ames, Iowa. Iowa State College.

WOK 1190kc 252m 5,000w
Chicago, Ill. Am. Bond & Mortgage Co.

WOKO 1390kc 215.7m 250w
Peekskill, N. Y. Harold E. Smith.

WOKT 1430kc 209.7m 500w
Rochester, N. Y. Titus-Ets Corp.

WOMT 1350kc 222.1m 100w
Manitowoc, Wis. Mikado Theater.

WOO 860kc 348.6m 500w
Philadelphia, Pa. John Wanamaker.

WOOD 1150kc 260.7m 500w
Furnwood, Mich. Walter B. Stiles.

WOQ 880kc 340.7m 500w
Kansas City, Mo. Unity School of Christ.

WOR 710kc 422.3m 5,000w
Kearny, N. J. Columbia Broadcasting Co.

WORD 1190kc 252m 5,000w
Batavia, Ill. Peoples Pulpit Assn.

WOS 830kc 361.2m 500w
Jefferson City, Mo. State Marketing Bureau.

WOW 590kc 508.2m 1,000w
Omaha, Nebr. Woodmen of the World.

WOWO 1310kc 228.9m 2,500w
Fort Wayne, Ind. Main Auto Supply Co.

WPAB 1430kc 209.7m 100w
Norfolk, Va. Radio Corp. of Va.

WPAP 760kc 394.5m 500w
Cliffside, N. J. Palisade Amusement Park.

WPCC 1340kc 223.7m 500w
Chicago, Ill. North Shore Cong. Church.

WPCH 920kc 325.9m 500w
Hoboken, N. J. Del., Lack. & West. R. R.

WPEP 1390kc 215.7m 250w
Waukegan, Ill. Maurice Mayer.

WPG 1100kc 272.6m 5,000w
Atlantic City, N. J. Municipal Bdg. Station.

WPRC 1430kc 209.7m 100w
Harrisburg, Pa. Wilson Ptg. & Radio Co.

WPSC 1000kc 299.8m 500w
State College, Pa. Penn. State College.

WPSW 1450kc 206.8m 50w
Philadelphia, Pa. School of Wireless Teleg.

WPTF 550kc 545.1m 500w
Raleigh, N. C. Durham Insurance Co.

WPUB 1270kc 236.1m 500w
New York, N. Y. Madison Square Garden.

WQAA 1390kc 215.7m 500w
Parkersburg, Pa. Horace A. Beale, Jr.

WQAM 780kc 384.4m 750w
Miami, Fla. Electrical Equipment Co.

WQAN 1300kc 230.6m 250w
Scranton, Pa. The Scranton Times.

WQAO 760kc 394.5m 500w
Cliffside, N. J. Calvary Baptist Church.

WQBA 1260kc 238m 250w
Tampa, Fla. Amore College.

WQBC 1390kc 215.7m 225w
Union, Miss. I. R. Jones.

WQBJ 1250kc 239.9m 65w
Clarksburg, W. Va. John Raikes.

WQBZ 1200kc 249.9m 60w
Weirton, W. Va. J. H. Thompson.

WQJ 670kc 447.5m 500w
Chicago, Ill. Calumet Baking Powder Co.

WRAF Laporte, Ind. Radio Club, Inc.	1440kc	208.2m	100w	WRSC Chelsea, Mass. W. S. Pote.	1420kc	211.1m	100w
WRAH Providence, R. I. Stanley N. Read.	1500kc	199.9m	250w	WRST Bay Shore, N. Y. Radiotel Mfg. Co.	1420kc	211.1m	150w
WRAK Escanaba, Mich. Economy Light Co.	1060kc	282.8m	50w	WRVA 26-23 Richmond, Va. Larus & Bros.	1180kc	254.1m	1,000w
WRAM Galesburg, Ill. Lombard College.	1210kc	247.8m	50w	WSAI Cincinnati, Ohio. U. S. Playing Card Co.	830kc	361.2m	5,000w
WRAW Reading, Pa. Avenue Radio Shop.	1260kc	238m	100w	WSAJ Grove City, Pa. Grove City College.	1430kc	223.7m	250w
WRAX Philadelphia, Pa. Berachah Church.	1410kc	212.6m	250w	WSAN Allentown, Pa. Allentown Call.	1350kc	222.1m	100w
WRBC Valparaiso, Ind. Immanuel Lutheran Ch.	1260kc	238m	250w	WSAR Fall River, Mass. Doughty & Welch.	1410kc	212.6m	250w
WRC Washington, D. C. Radio Corp. of Amer.	640kc	468.5m	500w	WSAX Chicago, Ill. Zenith Radio Corp.	1470kc	204m	100w
WREC Memphis, Tenn. Wooten Radio Co.	1200kc	249.9m	100w	WSAZ Huntington, W. Va. W. C. McKellar.	1200kc	249.9m	100w
WREN Lawrence, Kans. Jenny Wren Co.	1180kc	254.1m	750w	WSB Atlanta, Ga. Atlanta Journal.	630kc	475.9m	1,000w
WRES Quincy, Mass. Harry L. Sawyer.	1380kc	217.3m	50w	WSBC Chicago, Ill. World Battery Co.	1290kc	232.4m	500w
WRHF Washington, D. C. Radio Hospital Fund.	930kc	322.4m	150w	WSBF St. Louis, Mo. WSBF Broadcasters.	1160kc	258.5m	250w
WRHM Minneapolis, Minn. Rosedale Hospital.	1150kc	260.7m	1,000w	WSBT South Bend, Ind. The Tribune.	1260kc	222.1m	500w
WRK Hamilton, Ohio. Doron and Slade.	1460kc	205.4m	100w	WSDA Brooklyn, N. Y. Amateur Radio Spec. Co.	1320kc	227.1m	500w
WRM Urbana, Ill. University of Illinois.	1100kc	272.6m	500w	WSEA Norfolk, Va. Virginia Beach Bdg. Co.	1140kc	263m	250w
WRMU New York, N. Y. Atlantic Bdg. Corp.	1490kc	201.2m	100w	WSIX Springfield, Tenn. 638 Tire Co.	1200kc	249.9m	150w
WRNY New York, N. Y. Experimenter Pub. Co.	920kc	325.9m	500w	WSKC Bay City, Mich. World's Star Knitting Co.	1100kc	272.6m	250w
WRPI Terre Haute, Ind. Rose Polytechnic Inst.	1440kc	208.2m	100w	WSM Nashville, Tenn. Nat. Life & Acc. Ins. Co.	890kc	336.9m	5,000w
WRR Dallas, Tex. City of Dallas.	650kc	461.3m	500w	WSMB New Orleans, La. Saenger Amusement Co.	1010kc	269.9m	750w
WRRS Racine, Wis. Racine Radio Co.	1210kc	247.8m	50w	WSMK Dayton, Ohio. S. M. K. Radio Corp.	1010kc	269.9m	200w

WSOE	1110kc	270.1m	250w	WTAW	620kc	483.6m	500w
Milwaukee, Wis.	School of Engineering.			College Station, Tex.	Agri. College.		
WSRO	1270kc	236.1m	100w	WTAX	1210kc	247.8m	50w
Middletown, Ohio.	Harry W. Fahrlander.			WTAZ	1360kc	220.4m	15w
WSSH	1040kc	288.3m	100w	Richmond, Va.	Reynolds & McGuire.		
Boston, Mass.	Tremont Baptist Church.			Streator, Ill.	Williams Hardware Co.		
WSUF	1270kc	236.1m	500w	WTFE	1480kc	202.6m	10,000w
Suffolk, Va.	Reliance Electric Co.			Washington, D. C.	Fellowship Forum.		
WSUI	630kc	475.9m	500w	WTFI	1430kc	209.7m	250w
Iowa City, Iowa.	State University of Iowa.			Toccoa, Ga.	Falls Institute		
WSUN	580kc	516.9m	250w	WTHS	1110kc	270.1m	200w
St. Petersburg, Fla.	Chamber of Com.			Atlanta, Ga.	Technical High School.		
WSVS	1470kc	204m	50w	WTIC	560kc	535.4m	500w
Buffalo, N. Y.	Seneca Vocational School.			Hartford, Conn.	Travelers Ins. Co.		
WSYR	1020kc	293.9m	500w	WTMJ	1020kc	293.9m	1,000w
Syracuse, N. Y.	C. B. Meredith.			Milwaukee, Wis.	Journal.		
WTAD	1270kc	236.1m	250w	WTRL	1450kc	206.8m	15w
Quincy, Ill.	Illinois Stock Medicine Co.			Midland Park, N. J.	Technical Radio Lab.		
WTAG	580kc	516.9m	250w	WWAE	1320kc	227.1m	500w
Worcester, Mass.	Telegram Pub. Co.			Chicago, Ill.	Dr. G. F. Courier.		
WTAL	1250kc	239.9m	250w	WWJ	850kc	352.7m	1,000w
Toledo, Ohio.	Toledo Bdg. Co.			Detroit, Mich.	The Detroit News.		
WTAM	750kc	399.8m	3,500w	WWL	1220kc	245.8m	500w
Cleveland, Ohio.	Willard Storage Bat. Co.			New Orleans, La.	Loyola University.		
WTAQ	1180kc	254.1m	500w	WWNC	1010kc	296.9m	1,000w
Eau Claire, Wis.	Van Gordon & Son.			Asheville, N. C.	Chamber of Commerce.		
WTAR	1140kc	263m	500w	WWRL	1500kc	199.9m	100w
Norfolk, Va.	Reliance Electric Co.			Woodside, N. Y.	W. H. Reauman.		
WTAS	1040kc	288.3m	1,500w	WWVA	580kc	516.9m	250w
Chicago, Ill.	Illinois Bdg. Corp.			Wheeling, W. Va.	John C. Stroebel, Jr.		

Canadian Station Directory

Giving a complete list of all broadcasting stations,
with location, power and frequency

In the May Issue

Stations Listed By Location

Complete Directory of All Radio Broadcasting Stations
Alphabetically By States and Cities With Call Letters.

ALABAMA

Auburn, WAPI
Birmingham, WBRC, WKBC
Gadsden, WJBY
Montgomery, WIBZ

ALASKA

Anchorage, KFQD
Juneau, KFIU
Ketchikan, KGBU

ARIZONA

Flagstaff, KFXV
Phoenix, KFAD, KFBC
Prescott, KPJM
Tucson, KGAR

ARKANSAS

Blytheville, KLCN
Fayetteville, KUOA
Hot Springs, KTHS

CALIFORNIA

Avalon, KFWO
Berkeley, KRE
Burbank, KELW
El Centro, KGEN
Fresno, KMJ
Holy City, KFQU
Hollywood, KFQZ, KFWB
Inglewood, KGGM, KMIC
La Crescenta, KGFH
Long Beach, KFON, KGER
Los Angeles, KFI, KFPR, KFSG, KGEF,
KGFJ, KHJ, KMTR, KNX, KPLA,
KEJK, KTBI
Lower Lake, KGEU
Oakland, KFUS, KFWM, KGO, KLS,
KLX, KTAB, KZM
Ontario, KFWC
Pasadena, KPPC, KPSN
Sacramento, KFBE
San Diego, KFBC, KFSD
San Francisco, KFRC, KFVI, KGTT,
KFBI, KJBS, KPO, KYA
San Jose, KQW
Santa Ana, KWTC
Santa Barbara, KFRC
Santa Maria, KSMR
Santa Monica, KNRC
Stockton, KGDM, KWG
Venice, KFVD
Yuba City, KGFM

COLORADO

Colorado Springs, KFUM
Denver, KFEL, KFUP, KFKX, KPOF,
KOA, KOW
Dupont, KLZ
Edgewater, KFXJ
Fort Morgan, KGEW
Greeley, KFKA
Gunnison, KFHA
Pueblo, KGDP, KGHA, KGHF
Yuma, KGEK

CONNECTICUT

Bridgeport, WICC
Danbury, WCWS
Hartford, WTIC
Mansfield, WCAC
New Haven, WDRC

DELAWARE

Wilmington, WDEL

DISTRICT OF COLUMBIA

Washington, WMAL, WRC, WRHF, WTFB

FLORIDA

Clearwater, WFLA
Gainesville, WHBN
Jacksonville, WJAX
Lakeland, WMBL
Miami, WQAM
Miami Beach, WIOD, WMBF
Orlando, WDBO
Pensacola, WCOA
St. Petersburg, WSUN
Tampa, WDAE, WJBB, WMBR, WQBA

GEORGIA

Atlanta, WGST, WSB, WTHS
Macon, WMAZ
Toccoa, WTFI

HAWAII

Honolulu, KGBH, KGU

IDAHO

Boise, KFAU
Jerome, KFSD
Kellogg, KFEY
Pocatello, KSEI

ILLINOIS

Atwood, WLBQ
Batavia, WORD, WTAS
Bloomington, WNBL
Carthage, WCAZ
Chicago, KFKX, KYW, WAAF, WBBM,
WBBZ, WBCN, WCFL, WCIW, WEBB,
WBBZ, WBCN, WCFL, WCRW, WEBB,
WBBM, WHFC, WHT, WIBJ, WIBO,
WIBM, WKBG, WJBT, WJAZ, WKBI,
WLBH, WLS, WLJB, WTTS, WMAQ,
WMBB, WMBI, WOK, WPCB, WQJ,
WSAX, WSBG, WWAE.

Chicago Heights, WJBZ
Decatur, WBAO, WJBL
Evanston, WEHS
Forest Park, WNBA
Galesburg, WFBZ, WKBS, WLBO, WRAM
Harrisburg, WEBQ
Joliet, WCLS, WJBA, WKBB
La Salle, WJBC
Mooseheart, WJJD
Peoria Heights, WMBD
Quincy, WTAD
Rockford, KFLV, WLBR
Rock Island, WHBF
Springfield, WCBS
Streator, WTAX
Tuscola, WDZ
Urbana, WRM
Waukegan, WPEP
Wenona, WLBI
Zion, WCBH

INDIANA

Anderson, WHBU
Brookville, WKBV
Crown Point, WLBT
Culver, WCMA
Evansville, WGBF
Fort Wayne, WCWE, WOWO
Gary, WJKS
Indianapolis, WFBI, WKBF
Kokomo, WJAK
La Porte, WRAF
Muncie, WLBC

South Bend, WSBT
Terre Haute, KFGO, WRPI
Valparaiso, WRBC
West Lafayette, WBAA

IOWA

Ames, WOI
Boone, KFGQ
Cedar Rapids, KWCR, WJAM
Clarinda, KSO
Council Bluffs, KOIL
Davenport, WOC
Decorah, KGCA, KWLC
Des Moines, WHO
Fort Dodge, KFJY
Iowa City, KGFB, WSUI
Le Mars, KWUC
Marshalltown, KFJB
Muscatine, KPNN, KTNT
Oskaloosa, KFHL
Ottumwa, WIAS
Red Oak, KICK
Shenandoah, KFNF, KMA
Sioux City, KFMR, KSCJ

KANSAS

Concordia, KGCN
Independence, KFVG
Lawrence, KFKU, WREN
Manhattan, KSAC
Milford, KFKB
Wichita, KFHF

KENTUCKY

Hopkinsville, WFIW
Louisville, WHAS, WLAP

LOUISIANA

Cedar Grove, KGGH
New Orleans, WABZ, WCBE, WJBO,
WJBW, WKBT, WSMB, WWL
Shreveport, KFDX, KGDX, KRAC KSBA,
KWKH

MAINE

Bangor, WABI
Dover-Foxcroft, WLBZ
Portland, WCSH

MARYLAND

Baltimore, WBAL, WCAO, WCBM, WFBR
Takoma Park, WBES

MASSACHUSETTS

Boston, WATT, WBET, WBIS, WBZA,
WEEL, WMES, WNAC, WSSH.
Cambridge, WLBM
Chelsea, WLOE
Dartmouth, WMAF
Fall River, WSAR
Gloucester, WEPS
Lexington, WLEX
New Bedford, WNBH
Quincy, WRES
Springfield, WBZ
Taunton, WAIT
Webster, WKBE
Wellesley Hills, WBSO
Worcester, WTAG

MICHIGAN

Battle Creek, WKBP
Bay City, WSKC
Berrien Springs, WEMC
Detroit, WAFD, WBMH, WGHP, WMBC,
WCX, WJR, WWJ
East Lansing, WKAR
Escanaba, WRAK
Flint, WFDF
Furnwood, WOOD
Grand Rapids, WASH
Iron Mountain, WLBY
Lapeer, WMPC
Ludington, WKBZ

Monroe, WKBL
Petoskey, WBBP
Royal Oak, WAGM
Saginaw, WMCO
Ypsilanti, WJBK

MINNESOTA

Barrett, KGDE
Collegeville, WFBJ
Hallock, KGFK
Mpls.-St. Paul, WCCO
Minneapolis, KFDZ, KGEQ, WDGY,
WHDI, WLB, WGMS, WRHM
Northfield, KFMX, WCAL
St. Cloud, WFAM
St. Paul, KSTP, WMBE
Slayton, KGHC

MISSISSIPPI

Columbus, WCOC
Gulfport, WGCM
Utica, WQBC

MISSOURI

Cape Girardeau, KFVS
Carterville, KFPW
Columbia, KFRT
Independence, KLDS, KMBC
Jefferson City, WOS
Jorlin, WMBH
Kansas City, KWKC, WDAF, WHB,
WLBZ, WOQ
Kirksville, KFKZ
St. Joseph, KFEG, KGBX
St. Louis, KFQA, KFUA, KFWF, KMOX,
KSD, KWK, WEW, WIL, WMAY,
WSBF

MONTANA

Hardin, KGHP
Havre, KFBB
Kalispell, KGEZ
Missoula, KUOM
Vida, KGCK

NEBRASKA

Central City, KGES
Clay Center, KMMJ
Columbus, KGBY
Grand Island, KGEO
Humboldt, KGDW
Lincoln, KFAB, KFOR, WCAJ
Norfolk, WJAG
Omaha, KFOX, KOCH, WAAW, WNAL,
WOW

Ravenna, KGFV
Wayne, KGCH
York, KGBZ

NEW HAMPSHIRE

Laconia, WKAV
Tilton, WBRL

NEW JERSEY

Asbury Park, WCAP
Atlantic City, WPG
Bound Brook, WJZ
Camden, WCAM
Cliffside, WPAP, WQAO
Elizabeth, WIBS
Hoboken, WMCA, WPCH
Jersey City, WAAT, WKBO
Kearny, WOR
Midland Park, WTRL
Newark, WAAM, WGCP, WNJ
North Plainfield, WEAM
Paterson, WODA
Red Bank, WJBI
Secaucus, WGL
Trenton, WOAX
NEW MEXICO
Raton, KGFL
State College, KOB

W K B

NEW YORK

Auburn, WMBO
 Bay Shore, WRST
 Brooklyn, WARS, WBGC, WBKN, WSDA,
 WBRB, WLTH, WMBQ
 Buffalo, WEBR, WGR, WKBW, WKEN,
 WSVS

Canton, WCAD
 Cazenovia, WMAC
 Endicott, WNBK
 Farmingdale, WLBH
 Freeport, WGBB
 Ithaca, WLCI
 Jamaica, WMRJ
 Jamestown, WOCL
 Lockport, WMAK
 Long Island City, WLBY
 New York, WABC, WBMS, WBNY,
 WEFB, WEBJ, WGBS, WGOP, WGMU,
 WHAP, WHN, WHPP, WKBQ, WLWL,
 WPUB, WNYC, WRMU, WRNY

Peekskill, WOKO
 Richmond Hill, WBOQ
 Rochester, WABO, WHAM, WHEC,
 WNRQ, WOKT

Rossville, WBBR
 Saranac Lake, WNBZ
 Schenectady, WGY
 Sea Gate, WCGU
 Syracuse, WFBL, WSYR
 Troy, WHAZ
 Utica, WIBX

Woodhaven, WEVD
 Woodside, WRRL

NORTH CAROLINA

Asheville, WUNC
 Charlotte, WBT
 Greensboro, WNRK
 Raleigh, WPTF

NORTH DAKOTA

Aneta, KGFN
 Bismarck, KFYR
 Devil's Lake, KDLR
 Fargo, WDAY
 Grand Forks, KFJM
 Mandan, KGCU

OHIO

Akron, WADC, WFJC
 Ashtabula, WJPW
 Bellefontaine, WHRD
 Cambridge, WEBE
 Canton, WHBC
 Cincinnati, WAAD, WFBE, WKRC, WLW,
 WSAI

Cleveland, WEAR, WHK, WJAY, WTAM
 Columbus, WAIU, WCAH, WEAO, WMAN
 Dayton, WSMK
 Hamilton, WRK
 Mansfield, WLBV
 Middletown, WRSO
 Shelby, WOBR
 Springfield, WCOS
 Steubenville, WIBR
 Toledo, WTAL
 Wooster, WABW
 Youngstown, WKBN, WMBW

OKLAHOMA

Alva, KGFF
 Bristow, KVOO
 Chickasha, KOCW
 Norman, WNAD
 Oklahoma City, KFJF, KFJR, KGCB,
 KGFG, WKY
 Picher, KGGF

OREGON

Astoria, KFJJ
 Corvallis, KOAC
 Eugene, KOOS
 Medford, KMED
 Portland, KEX, KFEC, KFIF, KFJR,
 KGW, KLIT, KOIN, KTBR, KWBS,
 KWJJ, KXL

PENNSYLVANIA

Allentown, WCBA, WSAN
 Altoona, WFBG
 Carbondale, WNBW
 East Pittsburgh, KDKA
 Elkins Park, WIBG
 Grove City, WSAJ
 Harrisburg, WBAK, WPRC
 Jeanette, WGM
 Johnston, WHBP
 Lancaster, WGAL, WKJC
 Lemoyne, WMBS
 Lewisburg, WJBU
 Monessen, WMBJ
 Oil City, WHBA, WLBW
 Parkersburg, WQAA

Philadelphia, WABY, WCAU, WFAN, WFI,
 WFKD, WHBW, WIAD, WIP, WLIT,
 WNAT, WOO, WPSW, WRAX

Pittsburgh, KQV, WCAE, WJAS
 Pringleboro, WABF
 Reading, WRAW
 Scranton, WGBI, WQAN
 State College, WPSC

Washington, WNBO
 Wilkes-Barre, WBAX, WBRE
 Willow Grove, WALK

PHILIPPINE ISLANDS

Manila, KZIB, KZKZ, KZRQ

PORTO RICO

San Juan, WKAQ

RHODE ISLAND

Cranston, WDFW, WLSI
 Newport, WMBA
 Pawtucket, WFCI
 Providence, WCBR, WCOT, WEAN, WJAR
 WRAH

SOUTH CAROLINA

Charleston, WBBY

SOUTH DAKOTA

Brookings, KFDY, KGCR
 Dell Rapids, KGDA
 Mitchell, KGFP
 Oldham, KGDY
 Pierre, KGFX
 Rapid City, WCAT
 Sioux Falls, KSOO
 Vermillion, KUSD
 Yankton, WNAX

TENNESSEE

Chattanooga, WDOD
 Knoxville, WFBC, WNBK, WNOX
 Lawrenceburg, WOAN
 Memphis, WGBC, WHBQ, WMBM, WMO,
 WNRB, WREC
 Nashville, WBAW, WLAC, WSM
 Springfield, WSIX
 Union City, WOBT

TEXAS

Amarillo, KGRS, WDAG
 Austin, KUT
 Beaumont, KFDM
 Breckenridge, KFYO
 Brownsville, KWWG
 College Station, WTAW

Dallas, KRLD, WFAA, WRR
 Dublin, KFPL
 El Paso, WDAH
 Fort Worth, KFJZ, KFQB, WBAP
 Galveston, KFLX, KFUL
 Greenville, KFFM
 Harlingen, KHMC
 Houston, KFVI, KPRC, KTUE
 San Angelo, KGFJ
 San Antonio, KGCL, KGDR, KGRC, KTAP,
 KTSA, WOAI
 Waco, WJAD

UTAH
 Ogden, KFUR
 Salt Lake City, KDYL, KFUT, KSL

VERMONT
 Burlington, WCAx
 Springfield, WNBx

VIRGINIA
 Arlington, NAA
 Norfolk, WBBW, WPAB, WSEA, WTAR
 Petersburg, WLBG
 Richmond, WBBL, WMBG, WRVA, WTAX
 Roanoke, WDBJ
 Suffolk, WSUF

WASHINGTON
 Aberdeen, KXRO
 Bellingham, KVOS
 Everett, KFBL
 Lacey, KGY

Pullman, KWSC
 Seattle, KFOA, KFQW, KGCL, KJR, KKP,
 KOMO, KPCB, KRSC, KTW, KUJ, KVL,
 KXA
 Spokane, KFIO, KFPY, KGA, KHQ
 Tacoma, KMO, KVI

WEST VIRGINIA
 Charleston, WOBU
 Clarksburg, WQBj
 Huntington, WSAZ
 Wheeling, WFWA
 Wierton, WQBZ

WISCONSIN
 Appleton, WAIZ
 Beloit, WEBW
 Eau Claire, WTAQ
 Fond du Lac, KFIZ
 Kenosha, WCLO, WKDR
 La Crosse, WKBH
 Madison, WHA, WBA
 Manitowoc, WOMT
 Milwaukee, WGWB, WHAD, WSOE,
 WTMJ
 Poynette, WIBU
 Racine, WRRS
 Sheboygan, WHBL
 Stevens Point, WLBL
 Superior, WEBC
 West De Pere, WHBY

WYOMING
 Laramie, KFBU

How to Change Kilocycles Into Meters

*A Useful Table For Locating Broadcasting Stations
 When Converting Meters to Kilocycles or Vice Versa*

Kilocycles	Meters	Kilocycles	Meters	Kilocycles	Meters
500	599.6	840	356.9	1180	254.1
510	587.9	850	352.7	1190	252.0
520	576.6	860	348.6	1200	249.9
530	565.7	870	344.6	1210	247.8
540	555.2	880	340.7	1220	245.8
550	545.1	890	336.9	1230	243.8
560	535.4	900	333.1	1240	241.8
570	526.0	910	329.5	1250	239.9
580	516.9	920	325.9	1260	238.0
590	508.2	930	322.4	1270	236.1
600	499.7	940	319.0	1280	234.2
610	491.5	950	315.6	1290	232.4
620	483.6	960	312.3	1300	230.6
630	475.9	970	309.1	1310	228.9
640	468.5	980	305.9	1320	227.1
650	461.3	990	302.8	1330	225.4
660	454.3	1000	299.8	1340	223.7
670	447.5	1010	296.9	1350	222.1
680	440.9	1020	293.9	1360	220.4
690	434.5	1030	291.1	1370	218.8
700	428.3	1040	288.3	1380	217.3
710	422.3	1050	285.5	1390	215.7
720	416.4	1060	282.8	1400	214.2
730	410.7	1070	280.2	1410	212.6
740	405.2	1080	277.6	1420	211.1
750	399.8	1090	275.1	1430	209.7
760	394.5	1100	272.6	1440	208.2
770	389.4	1110	270.1	1450	206.8
780	384.4	1120	267.7	1460	205.4
790	379.5	1130	265.3	1470	204.0
800	374.8	1140	263.0	1480	202.6
810	370.2	1150	260.7	1490	201.2
820	365.6	1160	258.5	1500	199.9
830	361.2	1170	256.3		

Stations and Wave Lengths

*Complete Directory of All Radio Broadcasting Stations
Arranged Numerically By Kilocycles And Wave Lengths*

845.1 METERS, 550 KILOCYCLES.

500 KFDY, Brookings, S. D.
1,000 KFUE, St. Louis, Mo.
500 KSD, St. Louis, Mo.
500 WFAA, Dallas, Texas.
500 WPTF, Raleigh, N. C.
750 WMAK, Lockport, N. Y.
250 WDAY, Fargo, N. D.

500 WNAC, Boston, Mass.
500 WBIS, Boston, Mass.

454.3 METERS, 660 KILOCYCLES.

1,000 KFRC, San Francisco, Cal.
30,000 WJZ, Bound Brook, N. J.

447.5 METERS, 670 KILOCYCLES.

1,000 KFOA, Seattle, Wash.
1,000 WMAQ, Chicago, Ill.
500 WQJ, Chicago, Ill.

835.4 METERS, 560 KILOCYCLES.

500 WCAC, Mansfield, Conn.
5,000 WHO, Des Moines, Iowa.
500 WTIC, Hartford, Conn.

440.9 METERS, 680 KILOCYCLES.

500 KFSD, San Diego, Cal.
500 WAAW, Omaha, Neb.
5,000 WCX, Detroit, Mich.
50 WIBG, Elkins Park, Pa.
5,000 WJR, Detroit, Mich.

826 METERS, 570 KILOCYCLES.

2,500 KFKX, Chicago, Ill.
500 KMTR, Los Angeles, Cal.
5,000 KYW, Chicago, Ill.
500 WNYC, New York City.

434.5 METERS, 690 KILOCYCLES.

1,000 NAA, Arlington, Va.

816.9 METERS, 580 KILOCYCLES.

750 WFLA, Clearwater, Fla.
750 WSUN, St. Petersburg, Fla.
500 WMC, Memphis, Tenn.
250 WTAG, Worcester, Mass.
250 WWVA, Wheeling, W. Va.

428.3 METERS, 700 KILOCYCLES.

5,000 WLW, Cincinnati, Ohio.
500 WMAF, Dartmouth, Maine.

422.3 METERS, 710 KILOCYCLES.

1,000 KPO, San Francisco, Cal.
5,000 WOR, Kearney, N. J.

808.2 METERS, 590 KILOCYCLES.

500 KLX, Oakland, Cal.
500 WEEI, Boston, Mass.
1,000 WOW, Omaha, Neb.

416.4 METERS, 720 KILOCYCLES.

500 WGN, Chicago, Ill.
15,000 WLIB, Chicago, Ill.

499.7 METERS, 600 KILOCYCLES.

5,000 WBAP, Fort Worth, Texas.
5,000 WOAI, San Antonio, Tex.

405.2 METERS, 740 KILOCYCLES.

5,000 WCCO, Minneapolis, Minn.
500 WFI, Philadelphia, Pa.
500 WLIT, Philadelphia, Pa.

491.5 METERS, 610 KILOCYCLES.

1,000 KGW, Portland, Ore.
50,000 WFAF, New York City.

399.8 METERS, 750 KILOCYCLES.

1,000 KHJ, Los Angeles, Cal.
500 KZRQ, Manila, P. I.
1,000 WEAR, Cleveland, Ohio.
3,500 WTAM, Cleveland, Ohio.

483.6 METERS, 620 KILOCYCLES.

500 KFBU, Laramie, Wyo.
500 KFDM, Beaumont, Texas.
1,000 KFUM, Colo. Springs, Colo.
250 KUSD, Vermillion, S. D.
1,500 WCFL, Chicago, Ill.
1,000 WEMG, Berrien Springs, Mich.
500 WJAR, Providence, R. I.
100 WLTS, Chicago, Ill.
500 WTAW, College Station, Tex.

394.5 METERS, 760 KILOCYCLES.

1,000 KMA, Shenandoah, Iowa.
1,000 KTW, Seattle, Wash.
1,000 KWKH, Shreveport, La.
500 KWSC, Pullman, Wash.
500 WHN, New York City.
500 WPAP, Cliffside, N. J.
500 WQAO, Cliffside, N. J.

475.9 METERS, 630 KILOCYCLES.

1,000 WSB, Atlanta, Ga.
500 WSUI, Iowa City, Iowa.

389.4 METERS, 770 KILOCYCLES.

500 WAAF, Chicago, Ill.
100 WABI, Bangor, Maine.
5,000 WBBM, Chicago, Ill.
500 WJBT, Chicago, Ill.

468.5 METERS, 640 KILOCYCLES.

5,000 KFI, Los Angeles, Cal.
500 WRC, Washington, D. C.

461.3 METERS, 650 KILOCYCLES.

1,000 KFNF, Shenandoah, Iowa.
500 KRLD, Dallas, Texas.
500 KUOM, Missoula, Mont.
500 WCAE, Pittsburg, Pa.
500 WRR, Dallas, Texas.

384.4 METERS, 780 KILOCYCLES.

5,000 KGO, Oakland, Cal.
1,000 KTHS, Hot Springs, Ark.
100 WBSO, Wellesley Hills, Mass.
500 WMBF, Miami Beach, Fla.
750 WQAM, Miami, Fla.

- 379.5 METERS, 790 KILOCYCLES.**
500 WQAJ, Lincoln, Neb
50,000 WGY, Schenectady, N. Y.
- 374.8 METERS, 800 KILOCYCLES.**
500 KNRC, Santa Monica, Cal.
5,000 WOC, Davenport, Iowa.
- 370.2 METERS, 810 KILOCYCLES.**
1,000 KHQ, Spokane, Wash.
1,000 WDAF, Kansas City, Mo.
1,000 WLWL, New York City.
500 WMCA, Hoboken, N. J.
- 365.6 METERS, 820 KILOCYCLES.**
50 KMJ, Fresno, Cal.
500 WCSH, Portland, Me.
500 WEBH, Chicago, Ill.
1,000 WJJD, Mooseheart, Ill.
- 361.2 METERS, 830 KILOCYCLES.**
1,000 KYA, San Francisco, Cal.
500 WOS, Jefferson City, Mo.
5,000 WSAI, Cincinnati, Ohio.
- 352.7 METERS, 850 KILOCYCLES.**
1,000 KLZ, Dupont, Colo.
500 KFVB, Hollywood, Cal.
1,000 WEW, St. Louis, Mo.
1,000 WWJ, Detroit, Mich.
- 348.6 METERS, 860 KILOCYCLES.**
2,500 KJR, Seattle, Wash.
1,000 KVOO, Bristow, Okla.
500 KXA, Seattle, Wash.
500 WGBS, Astoria, N. Y.
500 WOO, Philadelphia, Pa.
500 WIP, Philadelphia, Pa.
- 344.6 METERS, 870 KILOCYCLES.**
100 KFQD Anchorage, Alaska.
50 KWG, Stockton, Cal.
5,000 WCBF, Zion, Ill.
250 WJBB, Tampa, Fla.
5,000 WLS, Chicago, Ill.
- 340.7 METERS, 880 KILOCYCLES.**
250 WOQ, Kansas City, Mo.
1,000 WJAX, Jacksonville, Fla.
500 WHR, Kansas City, Mo.
1,000 WAPI, Auburn, Ala.
- 336.9 METERS, 890 KILOCYCLES.**
500 KNX, Los Angeles, Cal.
5,000 WSM, Nashville, Tenn.
- 333.1 METERS, 900 KILOCYCLES.**
1,000 KFQB, Fort Worth, Texas.
100 KFJM, Grand Forks, N. D.
500 KSAC, Manhattan, Kans.
250 KSEI, Pocatello, Idaho.
15,000 WBZ, Springfield, Mass.
500 WBZA, Boston, Mass.
750 WHA, Madison, Wis.
500 WJAD, Waco, Tex.
1,000 WLBL, Stevens Point, Wis.
- 325.9 METERS, 920 KILOCYCLES.**
5,000 KOA, Denver, Colo.
500 WPCH, Hoboken, N. J.
500 WRNY, New York City.
- 322.4 METERS, 930 KILOCYCLES.**
100 KICK, Red Oak, Iowa.
500 WHAS, Louisville, Ky.
100 WIAS, Ottumwa, Iowa.
500 WKAQ, San Juan, P. R.
150 WRHP, Washington, D. C.
- 319 METERS, 940 KILOCYCLES.**
5,000 KFAB, Lincoln, Neb.
5,000 KOIL, Council Bluffs, Iowa.
1,000 KOIN, Portland, Ore.
- 315.6 METERS, 950 KILOCYCLES.**
50,000 KDKA, East Pittsburgh, Pa.
1,000 KPSN, Pasadena, Cal.
50 KPPC, Pasadena, Cal.
- 309.1 METERS, 970 KILOCYCLES.**
1,000 KOMO, Seattle, Wash.
500 KYA, San Francisco, Cal.
2,500 WABC, New York City.
500 WBOQ, New York City.
- 305.9 METERS, 980 KILOCYCLES.**
500 WHAZ, Troy, N. Y.
5,000 WHT, Chicago, Ill.
5,000 WIBO, Chicago, Ill.
- 302.8 METERS, 990 KILOCYCLES.**
1,000 KSL, Salt Lake City, Utah.
750 WGR, Buffalo, N. Y.
- 299.8 METERS, 1,000 KILOCYCLES.**
250 KFWO, Avalon, Cal.
5,000 KMOX, St. Louis, Mo.
500 WRBK, Harrisburg, Pa.
500 WPSC, State College, Pa.
- 296.9 METERS, 1,010 KILOCYCLES.**
10 KGFV, Ravenna, Neb.
500 KQW, San Jose, Cal.
500 KUOA, Fayetteville, Ark.
100 WDEI, Wilmington, Del.
100 WEPS, Gloucester, Mass.
10 WHBN, Gainesville, Fla.
750 WSMB, New Orleans, La.
200 WSMK, Dayton, O.
1,000 WWNG, Asheville, N. C.
- 293.9 METERS, 1,020 KILOCYCLES.**
250 KGCH, Wayne, Neb.
100 KGDW, Humboldt, Neb.
100 KGEZ, Kalispell, Mont.
500 KPRC, Houston, Tex.
1,000 WGL, Secaucus, N. J.
500 WLBW, Oil City, Pa.
1,000 WODA, Paterson, N. J.
500 WSYR, Syracuse, N. Y.
1,000 WTMJ, Milwaukee, Wis.
- 288.3 METERS, 1,040 KILOCYCLES.**
100 KGRX, St. Joseph, Mo.
50 KGHP, Hardin, Mont.
500 KPLA, Los Angeles, Cal.
500 KTRI, Los Angeles, Cal.
250 WRCN, Chicago, Ill.
500 WBET, Boston, Mass.
500 WDBO, Orlando, Fla.
500 WENR, Chicago, Ill.
100 WIAD, Philadelphia, Pa.
150 WKY, Oklahoma City, Okla.
100 WNAT, Philadelphia, Pa.
100 WSSH, Boston, Mass.
1,500 WTAS, Chicago, Ill.
- 285.5 METERS, 1,050 KILOCYCLES.**
2,000 KFAU, Boise, Ida.
5,000 KOB, State College, N. Mex.
250 KMMJ, Clay Center, Neb.
5,000 WRAL, Baltimore, Md.
500 WDGY, Minneapolis, Minn.
500 WCAT, Northfield, Minn.
500 WJAG, Norfolk, Neb.
50 KLCN, Blytheville, Ark.
- 282.8 METERS, 1,060 KILOCYCLES.**
250 KFXX, Denver, Colo.
250 KVI, Tacoma, Wash.
5,000 WAIU, Columbus, O.
500 WDRC, New Haven, Conn.
750 WEAQ, Columbus, O.
50 WRBK, Escanaba, Mich.

280.2 METERS, 1,070 KILOCYCLES.

500 KTAB, Oakland, Cal.
5,000 WHAM, Rochester, N. Y

277.6 METERS, 1,080 KILOCYCLES.

500 KWWG, Brownsville, Texas.
100 WDZ, Tuscola, Ill.
500 WKAR, East Lansing, Mich.
750 WGHP, Detroit, Mich.
250 WNAX, Yankton, S. D.

275.1 METERS, 1,090 KILOCYCLES.

50 KFBB, Havre, Mont
1,000 WFBM, Indianapolis, Ind.
15 KFPL, Dublin, Texas
1,000 KTBI, Los Angeles, Cal.
500 WEAN, Providence, R. I.

272.6 METERS, 1,100 KILOCYCLES.

500 KFAD, Phoenix, Ariz.
750 KFJP, Oklahoma City, Okla.
100 KSMR, Santa Maria, Cal.
100 KWTC, Santa Ana, Cal.
500 WBAA, West Lafayette, Ind.
100 WFBJ, Collegeville, Minn.
100 WFDL, Flint, Mich.
250 WMCO, Saginaw, Mich.
5,000 WFG, Atlantic City, N. J.
500 WRM, Urbana, Ill.
250 WSKC, Bay City, Mich.

270.1 METERS, 1,110 KILOCYCLES.

100 KFLX, Galveston, Texas.
600 KGU, Honolulu, Hawaii.
1,500 KLDS, Independence, Mo.
1,500 KMBC, Independence, Mo.
50 KMED, Medford, Ore.
500 KOAC, Corvallis, Ore.
500 KQV, Pittsburgh, Pa.
100 KZKZ, Manila, P. I.
500 WGST, Atlanta, Ga.
250 WGWB, Milwaukee, Wis.
500 WHAD, Milwaukee, Wis.
500 WJAS, Pittsburgh, Pa.
500 WMAZ, Macon, Ga.
250 WSOE, Milwaukee, Wis.
200 WTHS, Atlanta, Ga.

267.7 METERS, 1,120 KILOCYCLES.

100 KFIZ, Fon du Lac, Wis.
100 KFLV, Rockford, Ill.
500 KFVI, San Francisco, Cal.
1,000 KSBA, Shreveport, La.
250 WAAM, Newark, N. J.
100 WBAO, Decatur, Ill.
500 WDAE, Tampa, Fla.
100 WFBC, Altoona, Pa.
250 WGCP, Newark, N. J.
30 WLAP, Louisville, Ky.
250 WNJ, Newark, N. J.
50 WOBV, Charleston, W. Va.

265.3 METERS, 1,130 KILOCYCLES.

2,000 KTSB, San Antonio, Texas.
100 WBES, Takoma Park, Md.
100 WCWS, Danbury, Conn.
500 WHK, Cleveland, Ohio.
500 WICC, Bridgeport, Conn.
1,000 WNOX, Knoxville, Tenn.
2,500 WOI, Ames, Iowa.

263 METERS, 1,140 KILOCYCLES.

50 KFPW, Cartersville, Mo.
1,000 KGEF, Los Angeles, Cal.
10 KGEK, Yuma, Colo.
250 KGFH, La Crescenta, Cal.
50 KGHP, Hardin, Mont.
250 WDAG, Amarillo, Texas.
250 WEAM, North Plainfield, N. J

5,000 WJAZ, Chicago, Ill.
250 WJBI, Red Bank, N. J.
100 WJBO, New Orleans, La.
5,000 WMBI, Chicago, Ill.
250 WSEA, Norfolk, Va.
500 WTAR, Norfolk, Va.

260.7 METERS, 1,150 KILOCYCLES.

2,000 KGA, Spokane, Wash.
500 WCAU, Philadelphia, Pa.
600 WYMA, Culver, Ind.
500 WFIW, Hopkinsville, Ky.
10 WHBA, Oil City, Pa.
250 WNBH, New Bedford, Mass.
500 WOOD, Furnwood, Mich.
1,000 WRHM, Minneapolis, Minn.

258.5 METERS, 1,160 KILOCYCLES.

100 KDYL, Salt Lake City, Utah.
100 KFOX, Omaha, Neb.
500 KFUL, Galveston, Texas.
250 KOCH, Omaha, Neb.
750 WBT, Charlotte, N. C.
500 WEBW, Beloit, Wis.
750 WFBL, Syracuse, N. Y.
250 WIL, St. Louis, Mo.
250 WNAL, Omaha, Neb.
250 WSBF, St. Louis, Mo.

256.3 METERS, 1,170 KILOCYCLES.

2,000 K'INT, Muscatine, Iowa.
250 WASH, Grand Rapids, Mich.
1,000 WBBR, Rossville, N. Y.
500 WCSO, Springfield, Ohio.
500 WEBJ, New York City.
500 WLTH, Brooklyn, N. Y.

254.1 METERS, 1,180 KILOCYCLES.

2,500 KEX, Portland, Ore.
500 KFKU, Lawrence, Kans.
15 KGDA, Dell Rapids, S. D.
200 KGFK, Pierre, S. D.
500 KMO, Tacoma, Wash.
250 WABO, Rochester, N. Y.
100 WCAX, Burlington, Vt.
500 WHEC, Rochester, N. Y.
750 WREN, Lawrence, Kans.
1,000 WRVA, Richmond, Va.
500 WTAQ, Eau Claire, Wis.

252 METERS, 1,190 KILOCYCLES.

500 KFSG, Los Angeles, Cal.
250 KEJK, Los Angeles, Cal.
100 KFRK, Sacramento, Cal.
250 KOCW, Chickasha, Okla.
10 WFAM, St. Cloud, Minn.
15 WGAL, Lancaster, Pa.
250 WKBF, Indianapolis, Ind.
50 WKBT, New Orleans, La.
50 WKJC, Lancaster, Pa.
5,000 WMBB, Chicago, Ill.
100 WMBR, Tampa, Fla.
5,000 WOK, Chicago, Ill.
5,000 WORD, Batavia, Ill.

249.9 METERS, 1,200 KILOCYCLES.

50 KFHA, Gunnison, Colo.
15 KFJI, Astoria, Ore.
50 KFJZ, Fort Worth, Texas.
500 KFKA, Greeley, Colo.
100 KFQU, Alma, Cal.
500 KFRU, Columbia, Mo.
250 KFYR, Bismark, N. D.
50 KFUT, Salt Lake City, Utah.
50 KWJJ, Portland, Ore.
20 KZIB, Manila, P. I.
100 WBAX, Wilkes-Barre, Pa.

- 75 WBBY, Charleston, S. C.
 100 WBRE, Wilkes-Barre, Pa.
 500 WCOA, Pensacola, Fla.
 50 WCAZ, Carthage, Ill.
 50 WBBY, West De Pere, Wis.
 50 WIBR, Steubenville, Ohio.
 60 WQBZ, Wierton, W. Va.
 100 WREC, Memphis, Tenn.
 150 WSIX, Springfield, Tenn.
 100 WSAZ, Huntington, W. Va.
- 247.8 METERS, 1,210 KILOCYCLES.**
 100 KFBC, San Diego, Cal.
 100 KFJB, Marshalltown, Iowa.
 100 KFWC, Ontario, Cal.
 50 KWLC, Decorah, Iowa.
 50 WABW, Wooster, Ohio.
 50 WABY, Philadelphia, Pa.
 10 KGCA, Decorah, Iowa.
 100 WCAT, Rapid City, S. D.
 250 WDFW, Cranston, R. I.
 10 WEBE, Cambridge, Ohio.
 50 WFBZ, Galesburg, Ill.
 50 WFKD, Philadelphia, Pa.
 1,000 WIOD, Miami Beach, Fla.
 15 WKDR, Kenosha, Wis.
 50 WJBA, Joliet, Ill.
 50 WLCI, Ithaca, N. Y.
 250 WLSI, Cranston, R. I.
 50 WRAM, Galesburg, Ill.
 50 WTAX, Streator, Ill.
 50 WRRS, Racine, Wis.
 15 WLBR, Belvidere, Ill.
 50 WLBT, Crown Point, Ind.
- 245.7 METERS, 1,220 KILOCYCLES.**
 500 KFH, Wichita, Kans.
 100 KFIO, Spokane, Wash.
 250 KFPY, Spokane, Wash.
 50 KGY, Lacey, Wash.
 250 KLS, Oakland, Cal.
 100 KRE, Berkeley, Cal.
 300 WAAT, Jersey City, N. J.
 250 WFBE, Cincinnati, Ohio.
 400 WGBB, Freeport, N. Y.
 500 WGMS, Minneapolis, Minn.
 500 WEVD, Woodhaven, N. Y.
 500 WHDI, Minneapolis, Minn.
 500 WKRC, Cincinnati, Ohio.
 500 WLB, Minneapolis, Minn.
 500 WWL, New Orleans, La.
- 243.8 METERS, 1,230 KILOCYCLES.**
 125 KFCE, Phoenix, Ariz.
 10 KGCX, Vida, Mont.
 250 KGRS, Amarillo, Texas.
 500 KSCJ, Sioux City, Iowa.
 1,500 KWUC, Le Mars, Iowa.
 100 WAFD, Detroit, Mich.
 500 WCAD, Canton, N. Y.
 500 WDOD, Chattanooga, Tenn.
 100 WFBR, Baltimore, Md.
 250 WCAO, Baltimore, Md.
 100 WMBC, Detroit, Mich.
- 241.8 METERS, 1,240 KILOCYCLES.**
 1,500 KFKB, Milford, Kans.
 500 KFON, Long Beach, Cal.
 250 WERC, Birmingham, Ala.
 250 WEBC, Superior, Wis.
 200 WEBR, Buffalo, N. Y.
 500 WEDC, Chicago, Ill.
 100 WFCL, Pawtucket, R. I.
 500 WGES, Chicago, Ill.
 500 WMAL, Washington, D. C.
 10 WNBX, Springfield, Vt.
- 239.9 METERS, 1,250 KILOCYCLES.**
 150 KGCU, Mandan, N. D.
 500 KFJR, Portland, Ore.
 250 KWCR, Cedar Rapids, Iowa.
 500 WBAW, Nashville, Tenn.
 100 WBBP, Petoskey, Mich.
 500 WCAP, Asbury Park, N. J.
 100 WIBA, Madison, Wis.
 250 WJAM, Cedar Rapids, Iowa.
 500 WOAN, Lawrenceburg, Tenn.
 500 WNAD, Norman, Okla.
 500 WOAX, Trenton, N. J.
 65 WQBJ, Clarksburg, W. Va.
 250 WTAL, Toledo, Ohio
- 238 METERS, 1,260 KILOCYCLES.**
 50 KFVI, Houston, Texas.
 50 WABZ, New Orleans, La.
 1,000 WADC, Akron, Ohio.
 150 WIBX, Utica, N. Y.
 30 WJBW, New Orleans, La.
 250 WLBI, Wenona, Ill.
 250 WQBA, Tamra, Fla.
 100 WRAW, Reading, Pa.
 250 WRBC, Valparaiso, Ind.
 500 WSBT, South Bend, Ind.
- 236.1 METERS, 1,270 KILOCYCLES.**
 250 KFDX, Shreveport, La.
 500 KFMX, Northfield, Minn.
 500 KFWM, Oakland, Cal.
 100 KHMC, Harlingen, Texas.
 100 WBBW, Norfolk, Va.
 500 WBNY, New York City.
 250 WGBF, Evansville, Ind.
 1,000 WHAP, New York City.
 10 WHBC, Canton, Ohio.
 500 WPUB, New York City.
 100 WSRO, Middletown, Ohio.
 500 WSUF, Suffolk, Va.
 250 WTAD, Quincy, Ill.
- 234.2 METERS, 1,280 KILOCYCLES.**
 50 KFQA, St. Louis, Mo.
 100 KGAR, Tucson, Ariz.
 1,000 KWK, St. Louis, Mo.
 100 WBBL, Richmond, Va.
 250 WCAH, Columbus, Ohio.
 100 WDAH, El Paso, Texas.
 50 WFBC, Knoxville, Tenn.
 50 WJAK, Kokomo, Ind.
 50 WJBY, Gadsden, Ala.
 100 WMAY, St. Louis, Mo.
 50 WMAN, Columbus, Ohio.
 250 WMBS, Lemoyne, Pa.
 30 WMPC, Leeper, Mich.
- 232.4 METERS, 1,290 KILOCYCLES.**
 10 KFEY, Kellogg, Idaho.
 100 KFJY, Fort Dodge, Iowa.
 100 KFMR, Sioux City, Iowa.
 250 KFPR, Los Angeles, Cal.
 250 KFQZ, Hollywood, Cal.
 500 KUT, Austin, Texas.
 500 WBRL, Tilton, N. H.
 100 WHBQ, Memphis, Tenn.
 500 WJKS, Gary, Ind.
 30 WLBH, Farmingdale, N. Y.
 50 WMBJ, Monassen, Pa.
 10 WNRZ, Saranac Lake, N. Y.
 500 WSBG, Chicago, Ill.
- 230.6 METERS, 1,300 KILOCYCLES.**
 15 KDLR, Devil's Lake, N. D.
 1,000 KFEQ, St. Joseph, Mo.
 15 KFPN, Greenville, Texas.

100 KGCL, Seattle, Wash.
100 KPCB, Seattle, Wash.
25 WAAD, Cincinnati, Ohio.
100 WAFD, Detroit, Mich.
250 WCOC, Columbus, Miss.
250 WDBJ, Roanoke, Va.
250 WGBI, Scranton, Pa.
15 WIBZ, Montgomery, Ala.
50 WIBM, Boston, Mass.
250 WQAN, Scranton, Pa.

228.9 METERS, 1,310 KILOCYCLES.

500 KELW, Burbank, Cal.
50 KFIP, Portland, Ore.
15 WGBC, Memphis, Tenn.
500 KGBU, Ketchikan, Alaska.
20 KTAP, San Antonio, Texas.
50 KTBR, Portland, Ore.
250 WHBP, Johnstown, Pa.
100 WKBE, Webster, Mass.
100 WMBL, Lakeland, Fla.
100 WNBR, Memphis, Tenn.
2,500 WOWO, Fort Wayne, Ind.

227.1 METERS, 1,320 KILOCYCLES.

250 KFEL, Denver, Colo.
100 KFUP, Denver, Colo.
50 KGEU, Lower Lake, Cal.
250 KGBH, Honolulu, Hawaii.
500 KSO, Clarinda, Iowa.
100 WAIZ, Appleton, Wis.
500 WARS, Brooklyn, N. Y.
500 WBBC, Brooklyn, N. Y.
5 WCBE, New Orleans, La.
100 WCLO, Kenosha, Wis.
500 WFJC, Akron, Ohio.
500 WJAY, Cleveland, Ohio.
100 WJBC, La Salle, Ill.
500 WSDA, Brooklyn, N. Y.
500 WWAE, Chicago, Ill.

225.4 METERS, 1,330 KILOCYCLES.

10 KFIU, Juneau, Alaska.
15 KFKZ, Kirksville, Mo.
500 KFUR, Ogden, Utah.
50 KFVG, Independence, Kans.
15 KGEN, El Centro, Cal.
50 WAGM, Royal Oak, Mich.
100 WCBM, Baltimore, Md.
50 WCOT, Providence, R. I.
1 000 WLAC, Nashville, Tenn.
500 WMAC, Cazenovia, N. Y.

223.7 METERS, 1,340 KILOCYCLES.

50 KFBL, Everett, Wash.
50 KFVS, Cape Girardeau, Mo.
50 KFXX, Oklahoma City, Okla.
10 KGDP, Pueblo, Colo.
10 KGFB, Iowa City, Iowa.
50 KGFK, Hallock, Minn.
250 KMIC, Inglewood, Cal.
50 KXRO, Aberdeen, Wash.
500 WFAN, Philadelphia, Pa.
500 WCAM, Camden, N. J.
500 WCRW, Chicago, Ill.
15 WEBQ, Harrisburg, Ill.
500 WFKB, Chicago, Ill.
50 WKAV, Laconia, N. H.
250 WNRC, Greensboro, N. C.
25 WOCL, Jamestown, N. Y.
500 WPCC, Chicago, Ill.
250 WSAJ, Grove City, Pa.

222.1 METERS, 1,350 KILOCYCLES.

2,000 KSTP, St. Paul, Minn.
50 KGFL, Raton, N. Mex.
50 KGBY, Columbus, Neb.
100 KWKC, Kansas City, Mo.
100 WCBA, Allentown, Pa.
15 WGCM, Gulfport, Miss.
100 WHBD, Bellfontaine, Ohio.
100 WHBF, Rock Island, Ill.
100 WOMT, Manitowoc, Wis.
100 SAN, Allentown, Pa.

220.4 METERS, 1,360 KILOCYCLES.

100 KGCI, San Antonio, Tex.
15 KGFI, San Angelo, Texas.
100 KGRC, San Antonio, Texas.
50 KGTT, San Francisco, Cal.
100 KJBS, San Francisco, Cal.
50 KRAC, Freeport, La.
100 KXL, Portland, Ore.
15 WHBU, Anderson, Ind.
100 WHBW, Philadelphia, Pa.
15 WJBK, Ypsilanti, Mich.
500 WKBH, La Crosse, Wis.
15 WMBG, Richmond, Va.
100 WMBO, Auburn, N. Y.
15 WTAZ, Richmond, Va.

218.8 METERS, 1,370 KILOCYCLES.

100 KGEW, Fort Morgan, Colo.
250 KOW, Denver, Colo.
500 WCGU, Sea Gate, N. Y.
10 WKBC, Birmingham, Ala.
500 WKBO, Jersey City, N. J.
500 WKBQ, New York City.
25 WLBQ, Atwood, Ill.

217.3 METERS, 1,380 KILOCYCLES.

100 KFOR, Lincoln, Neb.
100 KFQW, Seattle, Wash.
10 KGDM, Stockton, Cal.
20 WIBU, Poynette, Wis.
100 WKBS, Galesburg, Ill.
100 WKBV, Brookville, Ind.
500 WKBW, Buffalo, N. Y.
100 WLBO, Galesburg, Ill.
50 WRES, Quincy, Mass.

215.7 METERS, 1,390 KILOCYCLES.

10 KFDZ, Minneapolis, Minn.
250 KFVD, Venice, Cal.
50 KGCB, Oklahoma City, Okla.
100 KGER, Long Beach, Cal.
50 KGFG, Oklahoma City, Okla.
150 WCLS, Joliet, Ill.
100 WEHS, Evanston, Ill.
200 WHFC, Chicago, Ill.
50 WKBI, Chicago, Ill.
50 WLEX, Lexington, Mass.
150 WKBB, Joliet, Ill.
250 WPEP, Waukegan, Ill.
250 WOKO, Peeksville, N. Y.
500 WQAA, Parkersburg, Pa.
225 WQBC, Utica, Miss.

214.2 METERS, 1,400 KILOCYCLES.

50 KFEC, Portland, Ore.
250 KFWF, St. Louis, Mo.
15 KPJM, Prescott, Ariz.
10 WAIT, Taunton, Mass.
250 WCWK, Fort Wayne, Ind.
100 WJBU, Lewisburg, Pa.
50 WKBN, Youngstown, Ohio.
100 WLBG, Petersburg, Va.
50 WMBW, Youngstown, Ohio.

212.0 METERS, 1,410 KILOCYCLES.

10 KPHL, Oskaloosa, Iowa.
 100 KGBZ, York, Neb.
 250 KGDJ, Shreveport, La.
 100 KGFJ, Los Angeles, Cal.
 10 KGFP, Mitchell, S. D.
 50 KGGH, Cedar Grove, La.
 5 KTUE, Houston, Texas.
 250 WJBL, Decatur, Ill.
 50 WKBZ, Battle Creek, Mich.
 250 WRAX, Philadelphia, Pa.
 250 WSAR, Fall River, Mass.

211.1 METERS, 1,420 KILOCYCLES.

100 KFCR, Santa Barbara, Cal.
 15 KFY0, Breckenridge, Texas.
 15 KGFM, Yuba City, Cal.
 100 KPNP, Muscatine, Iowa.
 100 WBMH, Detroit, Mich.
 100 WBRB, Brooklyn, N. Y.
 250 WCDA, Cliffside, N. J.
 50 WMES, Boston, Mass.
 15 WNBO, Washington, Pa.
 100 WLOE, Chelsea, Mass.
 15 WRSC, Chelsea, Mass.
 150 WRST, Bay Shore, N. Y.

209.7 METERS, 1,430 KILOCYCLES.

10 KFGQ, Boone, Iowa.
 50 KFXJ, Edgewater, Colo.
 500 KGHA, Pueblo, Colo.
 15 KGHC, Slayton, Minn.
 250 KGHP, Pueblo, Colo.
 250 KSOO, Sioux Falls, S. D.
 250 KVOS, Bellingham, Wash.
 250 WCBS, Springfield, Ill.
 50 WLBC, Muncie, Ind.
 50 WLBF, Kansas City, Mo.
 50 WLBY, Iron Mountain, Mich.
 10 WMBM, Memphis, Tenn.
 500 WOKT, Rochester, N. Y.
 100 WPAE, Norfolk, Va.
 100 WPRC, Harrisburg, Pa.
 250 WTFI, Toccoa, Ga.

208.2 METERS, 1,440 KILOCYCLES.

100 KFQU, Holy City, Cal.
 50 KFUS, Oakland, Cal.
 100 KZM, Oakland, Cal.
 50 KGCN, Concordia, Kans.
 15 KCCR, Brookings, S. D.
 50 WGM, Jeanette, Pa.
 100 WJBZ, Chicago Heights, Ill.
 30 WJPW, Ashtabula, Ohio.
 250 WLBB, Dover, Maine.
 10 WMBE, St. Paul, Minn.
 200 WNBA, Forest Park, Ill
 100 WRAF, Laporte, Ind.
 100 WRPI, Terre Haute, Ind.

208.8 METERS, 1,450 KILOCYCLES.

15 KGDR, San Antonio, Texas.
 15 KGDY, Oldham, S. D.
 100 KGGF, Picher, Okla.
 50 KGTT, San Francisco, Cal.
 10 WHPP, New York City.
 50 WLBY, Mansfield, Ohio.
 50 WPSW, Philadelphia, Pa.
 10 WMRJ, Jamaica, N. Y.
 50 WBNF, Endicott, N. Y.

50 WNBZ, Knoxville, Tenn.
 15 WTRL, Midland Park, N. J.

205.4 METERS, 1,460 KILOCYCLES.

25 KFKY, Flagstaff, Ariz.
 50 KGDE, Barrett, Minn.
 100 KGEO, Grand Island, Neb.
 25 KGFF, Alva, Okla.
 250 WABF, Pringleboro, Pa.
 15 WKBL, Monroe, Mich.
 250 WMBD, Peoria Heights, Ill.
 15 WNBQ, Rochester, N. Y.
 15 WOBT, Union City, Tenn.
 100 WRK, Hamilton, Ohio.

204 METERS, 1,470 KILOCYCLES.

15 KFXD, Jerome, Idaho.
 10 KGES, Central City, Neb.
 50 KGEQ, Minneapolis, Minn.
 100 KGFO, Terre Haute, Ind.
 100 KGGM, Inglewood, Cal.
 50 KFBI, San Francisco, Cal.
 100 WBBZ, Chicago, Ill.
 250 WHBL, Chicago, Ill.
 250 WIBS, Elizabeth, N. J.
 100 WIBW, Chicago, Ill.
 250 WKEN, Buffalo, N. Y.
 50 WLBN, Chicago, Ill.
 250 WLBY, Long Island City, N. Y.
 100 WMBB, Newport, R. I.
 100 WMBH, Joplin, Mo.
 100 WMBQ, Brooklyn, N. Y.
 10 WOBR, Shelby, Ohio.
 100 WSAX, Chicago, Ill.
 50 WSVS, Buffalo, N. Y.

202.6 METERS, 1,480 KILOCYCLES.

50 KRSC, Seattle, Wash.
 15 KKP, Seattle, Wash.
 100 KVL, Seattle, Wash.
 10,000 WTFF, Washington, D. C.

201.2 METERS, 1,490 KILOCYCLES.

50 KOOS, Eugene, Ore.
 500 KPOF, Denver, Colo.
 50 WAIK, Willow Grove, Pa.
 100 WATT, Boston, Mass.
 100 WCBR, Providence, R. I.
 100 WGMU, New York City.
 100 WHBM, Chicago, Ill.
 100 WIBJ, Chicago, Ill.
 100 WIBM, Chicago, Ill.
 100 WKBG, Chicago, Ill.
 100 WRMU, New York City.

199.9 METERS, 1,500 KILOCYCLES.

15 KGFN, Aneta, N. D.
 10 KIIT, Portland, Ore.
 10 KUJ, Seattle, Wash.
 15 KWBS, Portland, Ore.
 100 WKBN, New York City.
 15 WKBZ, Ludington, Mich.
 15 WNBL, Bloomington, Ill.
 250 WRAH, Providence, R. I.
 100 WGOP, New York City.
 100 WWRL, Woodside, N. Y.
 100 WBMS, New York City.
 5 WNBW, Carbondale, Pa.

A Beldenamerial Is the Best

The Beldenamerial Aerial Kit

is the sure solution for aerial, lead-in and ground wire troubles. It includes a Beldenamerial Aerial, Belden Lightning Arrester, Belden Lead-in and Ground Wire, Insulators, Screw Eyes, Screws, Lead-in Strap, Ground Strap, Insulated Staples — in fact, everything that is required for a highly efficient aerial that is as good after years of service as when first installed. R. M. A. standard.



The Belden Non-Air-Gap type Lightning Arrester furnishes protection against damage from lightning. Approved by fire underwriters.

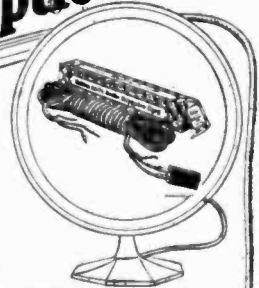
Use a Beldenamerial Aerial Wire for long distance. It does not deteriorate in service. After years of operation it is just as efficient as when new.

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Belden Colorrubber Flexible Tinned Hookup Wire is ideal for ground wires and for inter-set wiring. Furnished in an assortment of colors for code wiring.

Belden Radio Accessories have been developed through years of service to exacting radio manufacturers. Belden Radio Accessories in the black and orange striped cartons are of the same quality as used in the most expensive radio sets. For uniformly satisfactory results, specify Belden when you buy radio accessories.



The Belden 25-ft. Radio Extension Cord is insulated with Colorrubber, which prevents loss of tone volume through leakage. The Bakelite Connector attaches to the loud speaker terminals without tools.



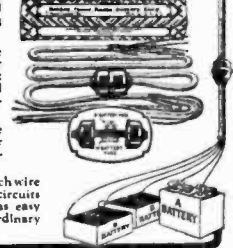
This is a wire that endures. Weather does not affect it.



To avoid static and reduce interference, use an indoor aerial. Belden Inside Aerial Wire is easily concealed and very efficient.

The Belden Fused Radio Battery Cord provides:

1. An A-Battery fuse that protects your A battery against short circuits, and resulting fire hazards.
2. A B-Battery fuse that protects your B battery and safeguards tubes.
3. A color code on each wire for identifying circuits which makes it as easy to install as an ordinary battery cord.



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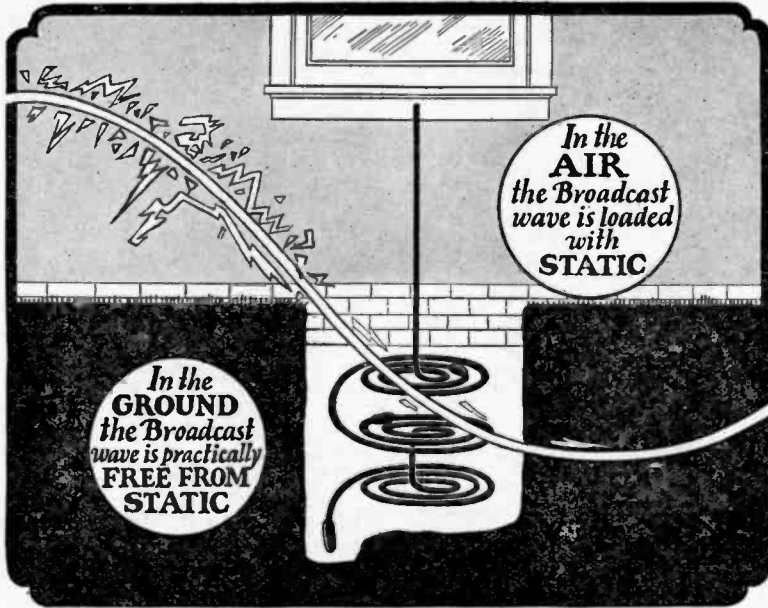
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Address -----

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*Thousands Know the Joy of
Radio with this Great New
Underground Antenna*

"I get plenty of stations with my Subantenna, on the loud speaker, that I have never been able to reach with my outside aerial. It absolutely cuts down interference to the minimum. *Cuts static out too—not just partly out—but ALL out.*"—H. S. M., North Carolina.

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Unbelievable!**

"After 4 years of testing aerials I at last found the master in the Subantenna. The first night I used it was a very hot summer night. Static was very bad on my outdoor aerial. I connected my Subantenna and one could hardly believe the results. It was wonderful."—F. L. C., Mass.

CLOVERLEAF MFG. CO.
2713-E Canal St., Chicago, Ill.
PAGE FORTY-SIX

The same radio wave you have always taken out of the air, also travels thru the ground. Only, in the ground, the wave is practically static-free! Subantenna intercepts the broadcast wave while it is in the ground, and brings it to your set unadulterated as when broadcasted. Think what this means to you! Loud, clear distance summer and winter, regardless of how much static or noise there is in the air. No wonder thousands of fans have taken advantage of our FREE TRIAL OFFER, then permanently changed to Subantenna.

FREE TRIAL

Install Subantenna. Leave your old aerial up. Select a bad night when DX is almost impossible with the ordinary aerial. Make a comparison station for station, connecting first your aerial, then Subantenna. If, from stations that are just a mess of jumbled noise with the old aerial, you don't get reception that rivals local in sweetness and clarity the instant you switch to Subantenna, this test won't cost you even a single penny. Obtain a Subantenna from your dealer or send coupon at once for a scientific explanation of Subantenna and for particulars of GUARANTEE and FREE TRIAL OFFER. SEND COUPON NOW!

CLIP AND MAIL AT ONCE!

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CLOVERLEAF MFG. CO.

Tell me all about SUBANTENNA, your unqualified, unconditional guarantee and your FREE TRIAL OFFER.
(Write name and address in margin below.)

A black and white illustration of a woman in a long, flowing, ethereal dress standing on a platform. She is holding a glowing orb in her right hand and has her left arm raised. In the foreground, a Southern Battery battery unit is visible. The background is dark and textured.

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