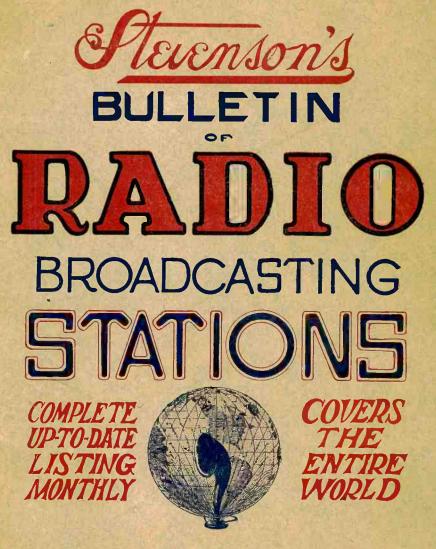
10c THE COPY **APRIL**, 1926

\$1.00 THE YEAR



PUELISHED MONTHLY BY NATIONAL PUBLISHING CO., WASHINGTON, D. C.

STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS

THOMAS STEVENSON, Editor

W. W. RAPLEY, Treasurer and Business Manager

Published monthly by

NATIONAL PUBLISHING CO.

1222 H Street N. W.

Washington, D. C.

Volume 2

APRIL, 1926

Number 4

Page

CONTENTS

I ugu
3
5
7
8
9
22
23
23
23 - 24
25
27
.29

Entered as second-class matter at the Post Office at Washington, D. C., under the Act of March 3, 1879.

Copyright 1926, by National Publishing Co.

COMPLETE LIST OF STATION SLOGANS

Now Available in Book Form for New Subscribers to STEVENSON'S BULLETIN OF RADIO BROAD-CASTING STATIONS

For a limited period of time, we will give a complete list of station slogans, including all American and Canadian broadcasters, revised to January 1, 1926, to new subscribers to STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS.

STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS is absolutely indispensable if maximum enjoyment is to be obtained from the set. With it almost any station in the world picked up can be identified.

The Book of Station Slogans, in convenient form, will also add to your radio pleasure.

Use the blank below to send us your subscription. The Book of Slogans will also be sent to those who renew their subscriptions.

NATIONAL PUBLISHING CO., 1220-1222 H Street N. W., Washington, D. C.

Enclosed find \$1.00 for which please send me the Book of Station Slogans and STEVENSON BULLETIN OF RADIO BROADCASTING STATIONS for one year, commencing with

the_____issue.

(Name)

(Street Address)

(City and State)_____ (Please state whether new or renewal)

SENATOR DILL ADVOCATES EXTENSION OF BROADCASTING BAND

BY C. C. DILL

United States Senator from Washington and Author of the Dill Radio Bill Now Pending in Congress.

Radio during the last two years has become a source of real public service. It has gradually passed beyond the experimental stage and reached the point where the people of this great country may rely on it for entertainment and instruction.

It is with the thought of dedicating this great service to the permanent use of the people as a whole that Congress is attempting to frame legislation for its regulation. There seems to be no doubt that regulation is necessary and that a new radio law is needed immediately.

The question has arisen during our consideration of the bill as to whether the regulation should be entrusted to the Secretary of Commerce or to any other one man. It is my belief that at the present stage of development, the details of administration should remain with the Department of Commerce, but a non-partisan commission should be established now with authority to pass finally upon questions which may be referred to it by the Secretary of Commerce or any one else. The decisions of this Commission should, of course, be subject to review in the courts.

A highly important feature connected with the administration of the radio law is a new arrangement of wave lengths. The crowding of 536 stations on 89 wave lengths has practically rendered unserviceable a large portion of the broadcasting band—that is from 200 to 280 meters.

I believe a new band of wave lengths, from 150 to 200 meters, should be opened up, and many of the stations now congesting the band from 200 to 280 meters assigned the new wave lengths. I have been assured that if this new band is opened up, apparatus will soon be on the market to pick up these stations.

To put broadcasting stations in the band between 150 and 200 meters would mean, of course, that the amateurs would be deprived of these channels. I have the greatest admiration for these radio pioneers and predict they would cheerfully give up the 150-200 meter band to the greater service of the public as a whole.

NATIONALLY KNOWN MANUFACTURER INDORSES I. C. S. COURSE IN



Wonderful opportunity for ambitious men to win success in this fast-growing profession. Trained men scarce.

Scores of fortunes have been made in radio since broadcasting began in 1921. In that year about 9½ million dollars' worth of radio apparatus was made. In 1925, more than 150 million dollars' worth was turned out by hundreds of factories!

Fact is, the Radio industry is ex-

panding so rapidly that trained men are at a premium. There is a constant, urgent demand for operators — factory superintendents engineers — service men — designers salesmen who know radio.

"Give us more trained men," the leaders in the industry say. "Men who know something about Radio. There's no limit to what they can earn

if they are equipped to progress with this business."

We tell you frankly that few industries offer such opportunities to ambitious men today as radio. For this new industry has scarcely scratched the surface of its possibilities. Its great future lies ahead.

There is no better way for you to succeed in this fascinating business than to study the Radio Course of the International Correspondence Schools. This course is new, complete, and up-to-the-minute. It was written by practical authorities in this field. It is endorsed by leading radio experts and radio manufacturers. Quincy J. Workman writes that he has "nearly doubled his salary" since he took up the I. C. S. Radio Course. He is now manager of the Radio Department in a large store.

J. B. McCune writes that the I. C. S. Radio Course enabled him to start a radio business of his own. This same

"It gives me great pleasure to add a word of commendation of the International Correspondence Schools' new Radio Course.

"I was once a studeut of the International Correspondence Schools myself and I am familiar with your methods and texts. I recommend them to any young man who is sincerely seeking to improve himself in position and salary."

R. E. THOMPSON,

President, R. E. Thompson Manufacturing Co., makers of famous Thompson Neutrodyne Radio Sets. course enabled John M. Paynter to get a position as Radio Operator and Ship's Electrician. Scores of other men in radio factories, laboratories and stores report similar progress.

You, too, can get in on the groundfloor if you act quickly. But don't delay too long. Mark and mail the coupon today and let us tell you all about the I. C. S.

Radio Course and what it can do for you. It will pay you to learn more about this growing industry. Mail the Coupon for Free Booklet.

International Correspondence Schools, Box 8326, Scranton, Penna.
Without cost or obligation, please send me all the facts about the new I. C. S. course in
RADIO
Name
Street
City State

IMPORTANT EVENTS IN RADIO—PEAKS IN THE WAVES OF WIRELESS PROGRESS

1827. Savary found that a steel needle could be magnetized by the discharge from a Leyden jar.

1831. Faraday discovered electromagetic induction between two entirely separate circuits.

1837. The first patent for an electric telegraph was taken out by Cooke and Wheatstone (London) and by Morse (United States).

1838. Steinheil discovered the use of the earth return.

1840. Henry first produced high frequency electric oscillations and pointed out that the discharge of a condenser is oscillatory.

1842. Morse made wireless experiments by electric conduction through water.

1843. Lindsay suggested that if it were possible to provide stations not more than 20 miles apart all the way across the Atlantic there would be no need of laying a cable.

1845. Lindsay made experiments in transmitting messages across the River Tay by means of electricity or magnetism without submerging wires, using the water as a conductor.

1849. Wilkins revived the same suggestions for wireless telegraphy. Dr. O'Shaughnessy succeeded in passing intelligible signals without metallic conduction across a river 4.200 feet wide.

1862. Heyworth patented a method of conveying electric signals without the intervention of any continuous artificial conductor.

1867. Maxwell read a paper before the Royal Society in which he laid down the theory of electromagnetism, which he developed more fully in 1873 in his great treatise on electricity and magnetism. He predicted the existence of the electric waves that are now used in wireless telegraphy.

1870. Von Bezold discovered that oscillations set up by a condenser discharge in a conductor give rise to interference phenomena.

1872. Highton made various experiments across the River Thames with Morse's method.

1879. Hughes discovered the phenomena on which depend the action of coherer. The coherer was later used practically by Marconi.

1880. Trowbridge found that signaling might be carried on over considerable distances by electric conduction through the earth or water between places not metallically connected.

1882. Bell's experiments with Trowbridge method on the Potomac River resulted in the detection of signals at a distance of $1\frac{1}{2}$ miles.

Professor Dolbear was awarded a United States patent in March, 1882, for wireless apparatus in connection with which he made the

(Continued on page 27)

Earn \$50 to \$200 a Week in RADIO

You can! Hundreds of ambitious men are already earning thousands of dollars in this wonderful new industry-you, too, can get your share. Mail coupon below for Free Book which describes fully the amazing money-making opportunities in Radio and tells you how YOU can earn from \$5,000 to over \$10,000 a year.

T HE astounding growth of Radio has created thousands of big money oppor-tunities. Millions of dollars were spent dur-ing the past year on Radio, and thousands of young men are needed right now to meet the ever-increasing demand of work.

Men are needed to build, sell and install Radio sets-to design, test, repair-as Radio engineers and executives-as operators at land stations and on ships traveling the world over —as operators at the hundreds of broadcast-ing stations. And these are just a few of the wonderful opportunities.

Easy to Learn Radio at Home in Spare Time

No matter if you know nothing about Radio now, you can quickly become a Radio export, by our marvelous new method of practical in-struction-instruction which includes all the material for building the latest up-to-date Re-

material for building the laws of a second processing Second a second process and the second process are already earning from \$75 to \$200 a week. Einett Welch, right after finishing his training, started earning \$300 a month and expenses. Still another graduate, only 16 years old, is averaging \$70 a week in a



Wonderful Opportunities

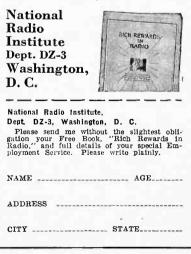
Hardly a day goes by without our receiving urgent calls for our graduates. Take advantage of our practical training and the unusual conditions in Radio to step into a big paying position in this wonderful new field. Radio offers you more money than you probably ever dreamed possible-faschat-ing, easy work-a chance to travel and see the world if you care to, or to take any one of the many Radio positions all around you at home. And Radio offers you a glorious future! futurel

SEND FOR FREE RADIO BOOK

Learn more about this tremendous new field and its remarkable opportunities. Learn how you can quickly become a Radio expert and make big money in Radio.

We have just prepared a new 48-page book which gives a thorough outline of the field of Radio-and describes our anazing, practical training in detail. This Free Book, "Rich Rewards in Radio," will be sent to you with-out the slightest obligation. Mail coupon for it now!

For a short time we are offering a reduced rate to those who enroll at once. Act promptly and save money.



BROADCASTING STATION NOTES

According to R. O. Strook, Chief Engineer of WHT, Chicago, "fading and weakened radio signals are not wholly the result of atmospheric conditions as previously supposed." Mr. Strook claims that both can now be attributed largely to the broadcasting station itself.

WBAL, "The Voice of Baltimore" has been picked up in Germany, according to a letter from Robert Blitz, an electrical engineer now residing at Darmstadt, Germany. According to the operators of the station, WBAL has also been heard from the Arctic Circle to the Equator, and has likewise gone to the Catalina Islands, off the Coast of California.

WOR, Newark, attributes its success during the International tests, when its signals were picked up in Moscow, Russia, to the changes recently made in its antenna. In place of the flat top eight-wire antenna formerly accepted as the most efficient type, WOR has installed a sixwire cage aerial.

"Those who criticise the gentlemen of the microphone generally known as announcers, should take into consideration some of the difficulties they meet with," says KFI, Los Angeles. "How, for instance, would you like to announce that 'Martha Van Hoomissen-Chevallier will play Die Tod und die Verklerung by Strauss, and accompany the Versonkene Glocke by Gretchaninnoff, sung by Antoinette Konoracharakoff?"

WGN, Chicago, has received thousands of letters of appreciation for "The Old Music Room," which is broadcast every Sunday night at 9:15 o'clock.

KOA, Denver, is trying out a ten-episode mystery serial entitled "A Step on the Stairs." The installments of the mystery play are at 9:40 o'clock each Monday evening.

Archie Coates, announcer at WEAF, was able to identify himself recently by his voice. Coates had occasion to claim a package for which he had forgotten the check. Asked to identify himself, he found he had left his wallet and cash at home. "Isn't there anyone here who listens in on WEAF who can recognize a voice," asked Coates. He proceeded through the formula of announcing the call letters, the company and studio address. Two nearby clerks came forward and offered to swear that the visitor's voice was that which frequently came forth from their loud speakers. With their support, Coates received the package.

STATION CHANGES

WJZ, Boundbrook-New York, is alternating between 1,000 and 50,000 watts power. The station will continue to experiment with this high power for at least sixty days, after which the Department of Commerce will decide whether the resulting interference can be eliminated.

KFON, Long Beach, Calif., is now owned by the Echophone Radio Shop.

KFNF, Shenandoah, Iowa, has transferred from class A to B and increased its power from 500 to 1,000 watts.

The call signal of KFMQ, Fayetteville, Ark., has been changed to KUOA.

The call signal of WHAT, Minneapolis, has been changed to WGWY.

The power of WEBH, Chicago, has been increased from 1,500 to 2,000 watts.

The power of WLWL, New York, has been increased from 1,500 to 3,500 watts.

Six new stations were licensed temporarily. They follow:

KFUM	Colorado Springs, Colo.	WJBU	Lewisburg, Pa.
KSMR	Santa Maria, Calif.	WLB	Minneapolis, Minn.
WJBR	Omro, Wis.	WKAR	Escanaba, Mich.

Five stations were discontinued. They follow:

KFVH	Manhattan, Kans.	WDBC	Lancaster, Pa.
KDZB	Bakersfield, Calif.	WHBK	Ellsworth, Maine.
KUO	San Francisco, Calif.		

2

It is the aim of the management of STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS to make it of real and permanent service to the radio public. The present form or arrangement is not considered by any means to be perfect or of lasting quality. To this end, suggestions and criticisms will be highly appreciated.

Specifically, the management would like to have your views as to the change in STEVENSON'S which was inaugurated with this issue.

CLASS B STATIONS IN THIS LIST ARE DESIGNATED BY BOLD FACE TYPE

AMERICAN STATIONS

Station	Meters	Kilo- cycles	Watts	Location and Owner
KDKA	309.1	970	10000	Pittsburgh, PaWestinghouse E. & M. Co.
KDLR	231	1300	5	Devils Lake, N. DRadio Elec. Co.
KDYL	246	1220	50	Salt Lake City, UtahNewhouse Hotel
KFAB	340.7	880	1000	Lincoln, NebNebraska Buick Auto Co.
KFAD	273	1100	100	Phoenix, ArizElectrical Equipment Co.
KFAF	217.3	1380	50	San Jose, CalifA. E. Fowler
KFAU	280.2	1070	750	Boise, IdahoInd. School Dist. of Boise
KFBB	275	1090	50	Havre, MontF. A. Buttrey Co.
KFBC	215.7	1390	50	San Diego, CalifW. K. Azbill
<u>KFBK</u>	248	1210	100	Sacramento, CalifKinball Upson Co.
\mathbf{KFBL}	224	1340	100	Everett, WashLeese Bros.
KFBS	238	1260	15	Trinidad, ColoSchool Dist. No. 1
KFBU	270	1110	500	Laramie, WyoBishop N. S. Thomas
KFCB	238	1260	100	Phoenix, ArizNeilson Radio Co.
KFDD	278	1080	5 0	Boise, IdahoSt. Michaels Cathedral
KFDM	315.6	950	50 0	Beaumont, TexasMagnolia Pet Co.
KFDX	250	1200	100	Shreveport, La1st Baptist Church
KFDY	273	1100	100	Brookings, S. DState College of Agri.
KFDZ	231	1300	10	Minneapolis, MinnH. O. Iverson
KFEC	248	1210	50	Portland, OregMeier & Frank Co.
KFEL	254	1180	50	Denver, ColoWinner Radio Corp.
\mathbf{KFEQ}	267.7	1120	500	Oak, NebrJ. L. Scroggin
KFEY	233	1290	10	Kellogg, IdahoBunker Hill & Sullivan
KFFP	242	1240	50	Moberly, Mo1st Baptist Church
KFGQ	226	1330	10	Boone, IowaCrary Co.
\mathbf{KFH}	267.7	1120	500	Wichita, KansHotel Lassen
KFHA	252	1190	50	Gunnison, ColoWestern State College
KFHL	240	1250	10	Oskaloosa, IowaPenn College
KFI	468.5	640	4000	Los Angeles, CalifE. C. Anthony, Inc.
KFIF	248	1210	100	Portland, OregBenson Institute
KFIO	266	1130	100	Spokane, WashNorth Central H. School
KFIQ	256	1170	100	Yakima, Wash1st Methodist Church
KFIU	226	1330	10	Juneau, AlaskaAlaska Elec. Co.
KFIZ	273	1100	100	Fond du Lac, WisDaily Commonwealth
KFJB	248	1210	10	Marshalltown, IowaMarshall Elec. Co.
KFJC	218.8	1370	10	Junction City, KansR. B. Fegan
KFJF	261	1150	500	Oklahoma City, OklaNational Radio Co.
KFJI	246	1220	10	Astoria, OregLiberty Theatre

Station	Meters	к. с.	Watts	Location and Owner
KFJM	278	1080	100	Grand Forks, N. DUniversity of N. D.
KFJR	263	1140	50	Portland, OregAshley C. Dixon & Son
KFJY	246	1220	50	Ft. Dodge, IowaTunwall Radio Co.
KFJZ	254	1180	50	Ft. Worth, TexS. W. Bapt. Theo. Seminary
KFKA	273	1100	50	Greeley, ColoState Teachers College
KFKU	275	1090	500	Lawrence, KansUniversity of Kansas
KFKX	288.3	1040	5000	Hastings, NebrWestinghouse E. & M. Co.
KFKZ	226	1330	10	Kirksville, MoF. M. Henry
KFLR	254	1180	100	Albuquerque, N. MexUniversity of N. M.
KFLU	236	1270	10	San Benito, Texas_San Benito Radio Club
KFLV	229	1310	100	Rockford, IllSwedish Evangelist Church
KFLX	240	1250	10	Galveston, TexasGeorge R. Clough
KFLZ	273	1100	100	Anita, IowaAtlantic Auto Co.
KFMR	261	1150	100	Sioux City, IowaMorningside College
KFMW	263	1140	50	Houghton, MichM. G. Sataren
KFMX	336.9	890	500	Northfield, MinnCarleton College
KFNF	263	1140	1000	Shenandoah, IowaHenry Field Seed Co.
KFOA	454.3	660	1000	Seattle, WashRhodes Company
KFOB	225.4	1330	50	Burlingame, CalifKFOB, Inc.
KFON	233	1290	500	Long Beach, CalifEchophone Radio Shop
KFOO	236	1270	250	Salt Lake City, Utah_Latter Day Saints Univ.
KFOR	226	1330	100	David City, NebDavid City Tire & Elec. Co.
KFOT	231	1300	50	Wichita, KansCollege Hill Radio Club
KFOX	248	1210	100	Omaha, NebrTechnical High School
KFOY	252	1190	50	St. Paul, MinnBeacon Radio Service
KFPL	252	1190	15	Dublin, TexasC. C. Baxter
KFPM	242	1240	10	Greenville, TexasNew Furniture Co.
KFPR	231	1300	500	Los Angeles, CalifForestry Department
KFPW	258	1160	20	Carterville, MoSt. John's Church
KFPY	266	1130	100	Spokane, WashSymonds Investment Co.
KFQA	261	1150	100	St. Louis, MoThe Principia
KFQB	263	1140	1000	Ft. Worth, TexSearchlight Publish'g Co.
KFQD	227.1	1320	100	Anchorage, AlaskaChovin Sup. Co.
KFQP	224	1340	10	Iowa City, IowaG. S. Carson, Jr.
KFQU	217.3	1380	100	Holy City, CalifW. C. Riker
KFQW	215.7	1390	50	North Bend, WashC. F. Knierim
KFQZ	226	1330	50	Hollywood, CalifTaft Products Co.
KFRB	248	1210	250	Beeville, TexasHall Bros.
KFRC	268	1120	50	San Francisco, CalifCity of Paris
KFRŲ	499.7	600	500	Columbia, MoStephens College
KFRW	218.8	1370	50	Olympia, WashUnited Churches
KFSG	275	1090	500	Los Angeles, CalifEcho Park Evang. Ass'n.
KFUL	258	1160	50	Galveston, TexasT. Googan & Bro.
KFUM	239.9	1250	100	Colorado Springs, ColoW. D. Corley
KFUO	545.1	550	500	Şt. Louis, MoConcordia Theo. Semi nary

Station	n Meter	я К. C.	Watts	Location and Owner
KFUF	234	1280	50	Denver, ColoFitzsimons General Hospital
KFUR		1340	50	Ogden, UtahPeery Building Co.
KFUS		1170	50	Oakland, CalifLouis L. Sherman
KFUT	261	1150	100	Salt Lake City, UtahUniversity of Utah
KFUU	220.4	1360	50	Oakland, CalifColburn Radio Lab.
KFVD	205.4	1460	50	San Pedro, CalifChas. & W. J. McWhinnie
KFVE		1250	500	St. Louis, MoFilm Corporation
KFVG	236.1	1270	15	Independence, KansFirst M. E. Church
KFVI	240	1250	10	Houston, Texas56th Cavalry Brigade
KFVN		1320	50	Welcome, MinnCarl E. Bagley
KFVR	244	1230	50	Denver, ColoMoonlight Ranch Broadcast-
				ing Station
KFVS	224	1340	50	Cape Girardeau, MoC. Girardeau Bat. Sta.
KFVW		1220	500	San Diego, CalifAirfan Radio Corp.
KFVY		1200	10	Albuquerque, N. MexRadio Supply Co.
KFWA		1150	500	Ogden, UtahBrowning Bros. Co.
KFWB		1190	500	Hollywood, Calif. Warner Bros. Pictures, Inc.
KFWC		1420	50	San Bernardino, CalifL. E. Wall
KFWF		1400	250	St. Louis, MoSt. Louis Truth Center
KFWH		1180	100	Chico, CalifF. Wellington Morse, Jr.
KFWI	226	1330	500	South San Francisco, CalifRadio Enter-
				tainments, Inc.
KFWM		1450	500	Oakland, CalifOakland Educational Soc
KFWO		1420	250	Avalon, CalifLawrence Mott
KFWU		1260	100	Pineville, LaLouisiana College
KFWV		1410	50	Portland, OregWilbur Jerman
KFXB	202.6	1480	500	Big Bear Lake, CalifBertram O Heller
KFXD	205.4	1460	10	Logan, UtahService Radio Co
KFXF	249.9	1200	500	Uolo. Springs, Colo. Pikes Peak Brdest'e Co
KFXH	242	1240	50	El Paso, TexasBledsoe Radio Co
KFXJ KFXM	215.7	1390	10	(Portable), ColoMountain States Radio
KFXR	227	1320	10	Beaumont, TexasNeches Elec. Co
KFXY	214.2	1400	15	Okla. City, Okla. Classen Film Finish'a Co
KFYF	$\begin{array}{c} 205.4 \\ 205.4 \end{array}$	1460	50	Flagstaff, ArizMary M. Costigan
KFYJ	205.4	1460	10	Uxnard, CalifCarl's Radio Don
KFYO	209.7	1260	10	Houston, Tex. (Portable) - Houston Chronielo
KFYR	209.7 248	$\frac{1440}{1210}$	10	Texarkana, TexasBuchanan Vaughn Co
KGO	$\frac{248}{361.2}$	830	10	Bismarck, N. DakHoskins Mover Inc.
KGTT	206.8		4000	Uakland, Calif. General Et 1 : G
	200.8	1450	50	San Francisco, Calif Glad Tidinga
KGU	270	1110	500	a aboundere.
KGW	491.5	610	500	Honolulu, HawaiiM. A. Mulrony
KGY	246	1220	50	Portland, OregThe Oregonian
KHJ	405.2	740	500	Lacey, WashSt. Martin's College
				Los Angeles, CalifThe Times

Station	Meters	К. С.	Watts	Location and Owner
KHQ	273	1100	500	Spokane, WashLouis Wasmer
KJBS	220	1360	5	San Francisco, CalifJ. Brunton & Sons Co.
KJR	384.4	780	1000	Seattle, WashNorthwest Radio Co.
KLDS	440.9	680	1000	Independence, MoReorganized Church of
				Jesus Christ of Latter Day Saints.
KLS	250	1200	250	Oakland, CalifWarner Bros. Radio Co.
KLX	508.2	590	500	Oakland, CalifThe Tribune
\mathbf{KLZ}	266	1130	250	Denver, ColoReynolds Radio Co.
KMA	252	1190	500	Shenandoah, IowaMay Seed & Nursery Co.
KMJ	234.2	1280	50	Fresno, CalifFresno Bee
KMMJ	228.9	1310	1000	Clay Center, NebrM. M. Johnson Co.
KMO	250	1200	100	Tacoma, WashLove Elec. Co.
KMOX	280.2	1070	1500	St. Louis, MoVoice of St. Louis
KMTR	238	1260	500	Los Angeles, CalifOliver S. Garretson &
TANDO	000 0	1440	050	K. M. Turner.
KNRC	208.2		250	Hollywood, CalifC. B. Juneau
KNX	336.9	890 930	$\begin{array}{c} 1000 \\ 5000 \end{array}$	Los Angeles, Calif The Express Denver, Colo General Electric Co.
KOA KOAC	$322.4 \\ 280.2$	$\frac{930}{1070}$	5000	Corvallis, OregOregon Agri. Col.
KOAC	348.6	860	1000	State College, N. MCollege of Agri. &
ROP	040.0	800	1000	Mech. Arts.
KOCH	258	1160	250	Omaha, NebrOmaha Central High School
KOCW	. 252	1190	200	Chickasha, OklaOkla. College for Women
KOIL	278	1080	500	Council Bluffs, IowaMonarch Mfg. Co.
KOWW	256.3	1170	500	Walla Walla, WashBlue Mt. Radio Ass'n.
KPO	428.3	700	1000	San Francisco, CalifHale Brothers
KPPC	229	1310	50	Pasadena, CalifPasadena Pres. Church
KPRC	296.9	1010	750	Houston, TexasHouston Printing Co.
KPSN	315.6	950	1000	Pasadena, CalifPasadena Star-News
KQP	212.6	1410	500	Portland, OregH. B. Read
KQV	275	1090	500	Pittsburgh, PaDoubleday Hill Elec. Co.
KQW	231	1300	500	San Jose, CalifFirst Baptist Church
KRE	256	1170	100	Berkeley, CalifThe Gazette
KSAC	340.7	880	500	Manhattan, KansKans. State Agri. Col.
KSD	545.1		500	St. Louis, Mo The Post Dispatch
KSL	299.8		1000	Salt Lake City, UtahRadio Serv. Corp.
KSMR	209.7		100	Santa Maria, CalifS. M. Valley R. R. Co.
KSO	242	1240	500	Clarinda, IowaA. A. Berry Seed Co.
KTAB	240	1250	1000	Oakland, CalifTenth Ave. Bapt. Church
KTBI	293.9		750	Los Angeles, CalifBible Inst., Los Angeles
KTBR	263	1140	50	Portland, OregBrown's Radio Shop
KTCL	305.9		1000	Seattle, WashAm. Radio Tel. Co.
KTHS	374.8		500	Hot Springs, ArkNew Arlington Hotel
KTNT	256	1170	500	Muscatine, Iowa
KTW	454.3	660	1000	Seattle, Wash1st Presbyterian Church

Station	Meters	К. С.	Watts	Location and Owner
KUOA	299.8	1000	750	
KUOM	-	1230	250	Fayettsville, ArkUniversity of Arkansas
KUSD	278	1080	100	Missoula, MontState Univ. of Montana
KUT	231	1300	500	Vermilion, S. DakUniversity of S. Dak.
KVOO	374.8	800	500	Austin, TexasUniversity of Texas
KWCR	278	1080	500	Bristow, OklaVoice of Oklahoma Cedar Rapids, IowaH. F. Parr
KWG	248	1210	50	Stockton, CalifPortable Wireless Tel. Co.
KWKC	236	1270	100	Kansas City, MoWilson Duncan Studios
KWKH	261	1150	500	Shreveport, LaW. K. Henderson I. W. &
TITUCO				S. Co.
KWSC	348.6	860	500	Pullman, WashState College
KWUC	252	1190	50	Lemars, IowaWestern Union College
KWWG		1080	500	Brownsville, TexasCity of Brownsville
KYW	535.4	560	3500	Chicago, IllWestinghouse E. & M. Co.
KZKZ	270	1110	100	Manila, P. IElectric Supply Co.
KZM	240	1250	100	Oakland, CalifP. D. Allen
KZRQ	222	1350	500	Manila, P. IFar Eastern Radio. Inc.
NAA	435	680	1000	Arlington, VaU. S. Navy
WAAD	258	1160	25	Cincinnati, OhioOhio Mech. Institute
WAAF	278	1080	200	Chicago, IllDrovers Journal
WAAW		1080	500	Omaha, NebrOmaha Grain Exchange
WABB	204	1470	10	Harrisburg, PaHarrisburg Radio Co.
WABC	254	1180	20	Asheville, N. C Asheville Battery Co., Inc.
WABI	240	1250	100	Bangor, MaineFirst Universalist Church
WABO	278	1080	100	Rochester, N. Y Lake Ave. Baptist Church
WABQ	261	1150	100	Haverford, PaHaverford Col. Radio Club
WABR	263	1140	50	Toledo, OhioScott High School
WABW		1450	50	Wooster, OhioCollege of Wooster
WABX WABY	246	1220	500	Mt. Clemens, MichH. B. Joy
WABY	242	1240	50	Philadelphia, PaJohn Magaldi
WADZ	275.1	1090	50	New Orleans, LaColiseum Pl. Baptist Ch.
WADU	258	1160	500	Akron, OhioAllen T. Simmons
	275	1090	500	Port Huron, MichAlbert B. Parfet Co.
WAGM WAHG	315.6	1330	50	Royal Oak, MichR. L. Miller
WAIT	229	$\begin{array}{c} 950\\ 1310 \end{array}$	500	Richmond Hill, N. YA. H. Grebe Co.
WAIU	293.9	1020	$10 \\ 500$	Taunton, MassA. H. Waite & Co.
WAND	293.9	1020		Columbus, OhioAmerican Ins. Union
WAPI	243.8 247.8	1230	$\begin{array}{c} 500 \\ 1000 \end{array}$	Minneapolis, MinnRadisson Corp.
WARC	241.8	1150	1000	Auburn, AlaAlabama Polytechnic Inst.
WARO	201	1150	100	Medford Hillside, MassAm. Radio Res. Corp.
WATT	243.8	1230	100	(Portable) MassEdison Elec. Ill. Co.
WBAA	273	1100	2 50	West Lafayette, IndPurdue University
WBAK	275	1090	500	Harrisburg, PaPenna. State Police
WBAL	245.8	1220	1000	Baltimore Md
			1000	Baltimore, MdGas and Elec. Co.

	Matana	к. с.	Watts	Location and Owner
Station	Meters		100	Decatur, IllJames Millikin University
WBAO	270.1	1110	1500	Fort Worth, TexasStar Telegram
WBAP	475.9	630	100	Wilkes-Barre, PaJ. H. Stenger, Jr.
WBAX	256	1170	100	Richmond, VaGrace Covenant Pres. Ch.
WBBL	228.9	1310	_	Chicago, IllAtlass Investment Co.
WBBM		1330	1500	Petoskey, MichPetoskey High School
WBBP	238	1260	200	Rossville, N. YPeoples Pulpit Ass'n.
WBBR	273	1100	500	New Orleans, La1st Baptist Church
WBBS	252	1190	50	Norfolk, VaRuffner City High School
WBBW		1350	50	Charleston, S. CWashington Light Inf.
WBBY	268	1120	10	(Portable), IllC. L. Carrell
WBBZ	215.7	1390	50	Chicago, IllFoster & McDonnell
WBCN		1130	500	Grand Rapids, MichBaxter Laundry Co.
WBDC	256.3	1170	500	Takoma Park, MdBliss Electrical School
WBES	222	1350	100	New York, N. YMiss Shirley Katz
WBNY	209.7	1430	500	Richmond Hill, N. YA. H. Grebe & Co.
WBOQ	236	1270	100	Richmond Hill, N. 1A. II. Grebe & Co.
WBPI	263	1140	500	Newark, N. JI. R. Nelson Co. Birmingham, AlaBell Radio Corp.
WBRC	248	1210	50	Wilkes-Barre, PaBaltimore Radio Ex.
WBRE	231	1300	100	Wilkes-Barre, PaBaltimore Radio Ex.
WBT	275	1090	250	Charlotte, N. CCharlotte Cham. of Com.
WBZ	333.1	900	2000	Springfield, MassWestinghouse E. & M. Co.
WBZA	242	1240	250	Boston, MassWestinghouse E. & M. Co.
WCAC	275	1090	500	Mansfield, ConnAgricultural College
WCAI	-	1140	250	Canton, N. YSt. Lawrence University
WCAH	E 461.3	650	500	Pittsburgh, PaKaufman & Baer
WCAJ	254	1180	500	Univ. Place, NebrNebr. Wesleyan Univ.
WCAI	336.9	890	500	Northfield, MinnSt. Olaf College
WCAG) 275	1090	100	Baltimore, MdBrager of Baltimore
WCAI	P 468.5	640	500	Washington, D. CC. & P. Tel. Co.
WCAI	R 263	1140	500	San Antonio, Texas_Southern Radio Corp.
WCA'	r 240	1250	50	Rapid City, S. DSchool of Mines
WCA	U 278	1080	500	Phila., PaUniversal Broadcasting Co.
WCA2	X 250	1200	100	Burlington, VtUniversity of Vermont
WCB.	A 254	1180	15	Allentown, PaC. W. Heimbach
WCB	D 344.6	870	5000	Zion, IllW. G. Voliva
WCB		1140	5	New Orleans, LaUhalt Radio Co.
WCB	H 242	1240	50	Oxford, MissUniversity of Mississippi
WCB		1310		Baltimore, MdHotel Chateau
WOB		1270		Nashville, Tenn1st Baptist Church
WCB	-			(Portable)C. H. Messter
WCC		4 720		Minneapolis-St. Paul, Minn_Gold Medal Sta.
WCL		1300		*Camp Lake, WisC. E. Whitmore
WCL		2 1400		Joliet, IllH. M. Couch
WCO		1 1350		Pensacola, FlaMunicipal Station
WCS		1170) 500	Portland, MaineH. P. Rines

<i>a.</i>				
Station	Meters		Wates	Location and Owner
WCSO	248	1210	100	Springfield, OhioWittenberg College
WCWS		1430	100	(Portable), MassC. W. Selen
WCX	516.9	580	5000	Pontiac, MichDetroit Free Press and Jew-
				ett Radio and Phonograph Co.
WDAD	226	1330	150	Nashville, TennDad's Auto Accessories Inc.
WDAE	273	1100	250	Tampa, FlaTampa Daily Times
WDAF	365.6	820	500	Kansas City, Mo Kansas City Star
WDAG		1140	100	Amarillo, TexasJ. L. Martin
WDAH		1120	50	El Paso, TexasTrinity Methodist Church
WDAY		1150	50	Fargo, N. DakRadio Equipment Corp.
WDBE	270	1110	100	Atlanta, GaGilham-Schoen Elec. Co.
WDBJ	228.9	1310	50	Roanoke, VaRichardson Wayland El. Co.
WDBK	227	1320	100	Cleveland, OhioM. F. Broz
WDBO	240	1250	500	Winter Park, FlaRollins College
WDBZ	233	1290	10	Kingston, N. Y Boy Scouts of America
	256	1170	500	Chattanooga, Tenn. Chattanooga Radio Co.
WDRC	268	1120	100	New Haven, ConnDoolittle Radio Corp.
WDWF	440.9	680	500	Cranston, R. ID. W. Flint
WDZ	278	1080	100	Tuscola, IllJ. L. Bush
WEAF	491.5	610	500 0	New York, N. YA. T. & T. Co.
WEAI	254	1180	500	Ithaca, N. YCornell University
WEAM		1150	250	N. Plainfield, N. J. Borough of N. Plainfield
WEAN	270	1110	500	Providence, R. IShepard Co.
WEAO	293.9	1020	500	Columbus, OhioOhio State University
WEAR	389.4	770	750	Cleveland, OhioGoodyear T. and R. Co.
WEAU	275	1090	100	Sioux City, IowaDavidson Bros. Co.
WEBC	242	1240	100	Superior, WisW. C. Bridges
WEBD	246	1220	15	Anderson, IndElec. Equip & Service Co.
WEBE	234	1280	10	Cambridge, OhioRoy W. Waller
WEBH	370.2	810	2000	Chicago, IllEdgewater Beach Hotel
WEBJ	273	1100	500	New York, N. Y Third Avenue R. R. Co.
WEBL	226	1330	100	(Portable)Radio Corp. of America
WEBQ	226	1330	10	Harrisburg, IllTate Radio Co.
WEBR	244	1230	100	Buffalo, N. YH. H. Howell
WEBW		1120	500	Beloit, WisBeloit College
WEBZ	263	1140	50	Savannah, GaSavannah Radio Corp.
WEEI	348.6	860	500	Boston, MassEdison Elec. Illuminating Co.
WEHS	202.6	1480	10	Evanston, IllRobert E. Hughes

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

Station	Meters	к. с.	Watts	Location and Owner
WEMC	285.5	1050	500	Berrien Spgs., Mich. Emm. Missionary Col.
WENR	266	1130	1000	Chicago, IllAll-American Radio Corp.
WEW	247.8	1210	1000	St. Louis, MoSt. Louis University
WFAA	475.9	630	500	Dallas, TexasDallas News & Journal
WFAM	273	1100	10	St. Cloud, MinnThe Times
WFAV	275	1090	500	Lincoln, NebrUniversity of Nebr.
WFBC	250	1200	50	Knoxville, Tenn1st Baptist Church
WFBD	234	1280	5	Philadelphia, PaGethsemane Baptist Ch.
WFBE	226	1330	10	Seymour, IndJ. V. De Walle
WFBG	278	1080	100	Altoona, PaW. F. Gable Co.
WFBH	273	1100	500	New York, N. Y Concourse Radio Corp.
WFBI	236	1270	250	Camden, N. JGalvin Radio Supply Co.
WFBJ	236	1270	100	Collegeville, MinnSt. John's University
WFBL	252	1190	100	Syracuse, N. YOnondaga Hotel
WFBM	268	1120	250	Indianapolis, IndMerchants Lighting Co.
WFBR	254	1180	100	Baltimore, MdMaryland Nat'l Guard
WFBZ	254	1180	20	Galesburg, IllKnox College
WFDF	234	1280	100	Flint, MichF. D. Fallain
WFI	394.5	760	500	Philadelphia, PaStrawbridge & Clothier
WFKB	217.3	1380	500	Chicago, IllF. K. Bridgman
WFRL	205.4	1460	100	Brooklyn, N. YR. M. Lacey
WGAL	248	1210	10	Lancaster, PaLancaster Elec. Supply Co.
WGBB	243.8	1230	100	Freeport, N. YH. H. Carman
WGBC	278	1080	10	Memphis, Tenn1st Baptist Church
WGBF	236.1	1270	500	Evansville, IndThe Finke Furniture Co.
WGBI	239.9	1250	10	Scranton, PaFrank S. Megargee
WGBM	234	1280	30	Providence, R. IT. N. Saaty
WGBR	229	1310	10	Marshfield, WisMarshfield Broadcasting
				Ass'n.
WGBS	315.6	950	500	New York, N. YGimble Bros.
WGBU	278	1080	500	Fulford-By-The-Sea, FlaFlorida Cities
WGBX	252	1190	100	Orono, MaineUniversity of Maine
WGCP	252	1190	500	Newark, N. JD. W. May, Inc.
WGES	250	1200	500	Oak Park, IllCoyne Elec'l. School
WGHB	266	1130	500	Clearwater, FlaG. H. Bowles Developments
WGHP	270	1110	1500	Detroit, MichG. H. Phelps, Inc.
WGMU	236	1270	100	Richmond Hill, N. YA. H. Grebe & Co.
WGN	302.8	990	1000	Chicago, IllThe Tribune
WGR	319	940	750	Buffalo, N. YFederal Tel. Mfg. Co.
WGST	270	1110	-500	Atlanta, GaGa. School of Tech.
WGWY		1140	500	Minneapolis, MinnDr. Geo. W. Young
WGY	379.5	790	5000	Schenectady, N. YGeneral Elec. Co.
WHA	535.4	560	750	Madison, WisUniversity of Wisconsin
WHAD	275	1090	500	Milwaukee, WisMarquette University

Station	Meters	К. С.	Watts	Location and Owner
WHAM	278	1080	100	Rochester, N. YEastman School of Music
WHAP	240	1250	500	New YorkWm. H. Taylor Fin. Corp.
WHAR	275	1090	500	Atlantic City, N. JF. P. Cook's Sons
WHAS	399.8	750	500	Louisville, KyThe Courier Journal-Times
WHAV	266	1130	100	Wilmington, DelWilmington Elec. Spec Co.
WHAZ	379.5	790	1000	Troy, N. Y Rensselaer Polytechnic Inst.
WHB	365.6	820	500	Kansas City, MoSweeney School Co.
WHBA	250	1200	10	Oil City, PaShaffer Music House
WHBC	254	1180	10	Canton, OhioRev. E. P. Graham
WHBD	222.1	1350	20	Bellefontaine, OhioCharles W. Howard
WHBF	222.1	1350	100	Rock Island, IllBeardsley Specialty Co.
WHBG	231	1300	20	Harrisburg, PaJohn S. Skane
WHBH	222.1	1350	100	Culver, IndCulver Military Academy
WHBJ	234	1280	50	Ft. Wayne, IndLauer Auto Co.
WHBL	215.7	1390	50	(Portable), IllC. L. Carroll
WHBM	215.7	1390	20	Chicago, Ill. (Portable),C. L. Carroll
WHBN	238	1260	10	St. Petersburg, Fla1st Ave. Meth. Ch.
WHBP	256	1170	100	Johnstown, PaJohnstown Auto Co.
WHBQ	233	1290	50	Memphis, TennSt. John's M. E. Church
WHBU		1370	10	Anderson, IndRiviera Theatre
WHBW		1390	100	Philadelphia, PaD. R. Kienzle
WHBY		1200	50	West De Pere, WisSt. Norbert's College
WHDI	278	1080	500	Minneapolis, MinnWm. Hood Dunwoody
				Ind. Inst.
WHEC	258	1160	100	Rochester, N. YHickson Elec. Co.
WHK	272.6	1100	1000	Cleveland, OhioRadio Air Service Corp.
WHN	361.2	830	500	New York, N. YGeorge Schubel
WHO	526	570	5000	Des Moines, IowaBankers Life Co.
WHT	399.8	750	3500	Deerfield, IllRadiophone Broadcast'g Corp.
WIAD	250	1200	100	Philadelphia, PaH. R. Miller
WIAS WIBA	254	1180	100	Burlington, IowaHome Elec. Co.
WIBA	$\begin{array}{c} 236 \\ 222 \end{array}$	1270	100	Madison WisCapital Times
WIBG	222	$\begin{array}{c} 1350\\ 1430 \end{array}$	50	Elkins Park, PaSt. Paul's P. E. Church
WIBH	209.7		30 50	New Bedford, MassElite Radio Stores
WIBI	210.0 215.7	$1370 \\ 1390$	$50 \\ 50$	Flushing, L. IF. B. Gittell, Jr.
WIBJ	215.7 215.7	1390	50 10	Chicago, Ill.
WIBM	215.7	1330	1000	Chicago, IllBilly Maine
WIBO	246	1330 1220	1000 50	Chicago, IllNelson Brothers
WIBR	240	1480	10	Weirton, W. VaThurman A. Owings Elizabeth, N. JN. J. Nat'l Guard, 57th
11100		1400	10	Infantry Brigade.
WIBU	222	1350	20	Poynette, WisThe Elec. Farm
WIBW	220	1360	100	Logansport, IndDr. L. L. Dill
WIBX	205.4	1460	150	Utica, N. Y. Grand Leak, Inc.
				,

Station	Meters	к. с.	Watts	Location and Owner
WIBZ	230.6	1300	10	Montgomery, AlaA. D. Trum
WIL	273	1100	250	St. Louis, MoBenson Radio Co.
WIOD	247.8	1210	1000	Miami, FlaCarl G. Fisher Co.
WIP	508.2	590	500	Philadelphia, PaGimble Bros.
WJAD	352.7	850	500	Waco, TexasJackson's Radio Elec. Co.
WJAG	270	1110	200	Norfolk, NebrNorfolk Daily News
WJAK	254.1	1180	50	Kokomo, IndRev. C. L. White
WJAM	268	1120	100	Cedar Rapids, IowaD. M. Perham
WJAR	305.9	980	500	Providence, R. IThe Outlet Co.
WJAS	275	1090	500	Pittsburgh, PaPittsburgh Radio Sup. House
WJAX	336.9	890	1000	Jacksonville, FlaCity of Jacksonville
WJAZ	322.4	930	1500	Mt. Prospect, IllZenith Radio Corp.
WJBA	206.8	1450	50	Joliet, IllD. H. Lentz, Jr.
WJBB	254.1	1180	10	St. Petersburg, FlaFinancial Journal
WJBC	234	1280	100	La Salle, IllHummer Furn. Co.
WJBG	224	1340	40	Charlotte, N. CInterstate Radio
WJBI	218.8	1370	250	Red Bank, N. JRobert S. Johnson
WJBK	233	1290	10	Ypsilanti, MichErnest F. Goodwin
WJBL	270	1110	500	Decatur, IllWm. Grishard Dry Goods Co.
WJBO	267.7	1120	100	New Orleans, LaV. Jensen
WJBR	227.1	1320	50	Omro, WisOmro Drug Store
WJBU	211.1	1420	100	Lewisburg, PaBucknell University
WJJD	370.2	810	500	Mooseheart, IllLoyal Order of Moose
WJR	516.9	580	5000	Pontiac, MichDetroit Free Press and Jew-
				ett Radio and Phonograph Co.
WJY	405.2	740	1000	New York, N. YRadio Corp. of America
WJZ	454.3	660	50000	New York-Boundbrook_Radio Corp. of Am.
WKAF	261	1150	500	Milwaukee, WisWKAF Broadcasting Co.
WKAQ	340.7	880	500	San Juan, P. RRadio Corp. of Porto Rico
WKAR	285.5	1050	1000	Lansing, MichMich. Agri. College
WKAV	224	1340	50	Laconia, N. HLaconia Radio Club
WKBB	214.2	1400	100	Joliet, IllSanders Bros.
WKBE	231	1300	100	Webster, MassK. & B. Electric Co.,
WKBG	215.7	1390	100	Chicago, IllC. L. Carrell
WEDO	326-	710	1000	
WKRC	422.3	710	1000	Cincinnati, OhioKodel Radio Corp.
WKY	275	1090	100	Oklahoma City, OklaE. C. Hull & H. S. Richards.
WLAL	250	1200	100	Tulsa, Okla1st Christian Church
WLAP	275	1090	20	Louisville, KyW. V. Jordan
WLB	278	1080	500	Minneapolis, MinnUniversity of Minn.
WLBL	278	1080	500	Stevens Pt. WisWis. Dept. of Markets
WLIB	302.8	990	4000	Elgin-Chicago, IllLiberty Weekly, Inc.
WLIT	394.5	760	500	Philadelphia, PaLit Brothers

Station	Meters	К. С.	Watts	Location and Owner
WLS	344.6	870	5000	Chicago-Crete, IllSears, Roebuck Co.
WLSI	440.9	680	500	Providence, R. ILincoln Studios, Inc.
WLTS	258	1160	100	Chicago, IllLane Technical High School
WLW	422.3	710	5000	Cincinnati, OhioCrosley Radio Corp.
WLWL		1040	3500	New York, N. YPaulist Fathers
WMAC		1090	100	Cazenovia, N. YC. B. Meredith
WMAF		680	1000	Dartmouth, MassRound Hills Radio Corp.
WMAK	266	1130	500	Lockport, N. Y Norton Laboratory
WMAL	212.6	1410	100	Washington, D. CLeese Optical Co.
WMAN	278	1080	50	Columbus, OhioHeskitt Radio Station
WMAQ	447.5	670	1000	Chicago, IllChicago Daily News
WMAY	248	1210	100	St. Louis, MoKings Highway Pres. Ch.
WMAZ	261	1150	500	Macon, GaMercer University
WMBB	250	1200	500	Chicago, IllAm. Bond & Mortgage Co.
WMBC	256	1170	100	Detroit, MichMichigan Broadcasting Co.
WMBF	384.4	780	500	Miami Beach, FlaFleetwood Hotel
WMC	499.7	600	500	Memphis, TennThe Commercial Appeal
WMCA		880	500	Hoboken, N. JHotel McAlpine
WNAB		1200	100	Boston, MassShepard Stores
WNAC	280.2	1070	500	Boston, MassShepard Stores
WNAD	254	1180	500	Norman, OklaUniversity of Oklahoma
WNAL	258	1160	50	Omaha, NebrOmaha Central High School
WNAT	250	1200	100	Philadelphia, PaLenning Bros. Co.
WNAX	244	1230	100	Yankton, S. DDakota Radio App. Co.
WNBH WNJ	247.8	1210 1190	$\frac{250}{150}$	New Bedford, MassNew Bedford Hotel
WNOX	$\begin{array}{c} 252\\ 267.7 \end{array}$	1120	100	Newark, N. JRadio Shop Knoxville, TennPeoples Tel. and Tel. Co.
WNYC	526	570	1000	New York, N. YMunicipal Station
WOAI	394.5	760	2000	San Antonio, TexasS. E. Equipment Co.
WOAN	282.8	1060	500	Lawrenceburg, TennVaughan Con. of
	101.0	1000	000	Music.
WOAW	526	570	1000	Omaha, NebrWoodmen of the World
WOAX	240	1250	500	Trenton, N. JF. J. Wolff
WOC	483.6	620	5000	Davenport, IowaPalmer School of Chiro.
WOCL	275.1	1090	15	Jamestown, N. YHotel Jamestown
WODA	224	1340	250	Paterson, N. JO'Dea Radio & Vietrola Shop
WOI	270	1110	750	Ames, Iowa Iowa State College
WOK	217.3	1380	5000	Homewood, IllNeutrowound Radio Mfg. Co.
WOKO	233	1290	50	New York, N. YOtto Baur
WOO	508.2	590	500	Philadelphia, PaJohn Wanamaker
WOOD	241.8	1240	500	Grand Rapids, MichGrand Rapids Radio Co.
WOQ	278	1080	1000	Kansas City, MoUnity Sch. of Christianity
WOR	405.2	740	500	Newark, N. JL. Bamberger and Co.
WORD	275	1090	5000	Batavia, IllPeople's Pulpit Ass'n.

Station	Meters	К. С.	Watts	Location and Owner
WOS	440.9	680	500	Jefferson City, MoMo. State Marketi'g Bur.
WOWL	270	1110	10	New Orleans, LaOwl Battery Co.
wowo		1320	500	Ft. Wayne, IndMain Auto Supply Co.
WPAK	275	1090	50	Agri. College, N. DN. D. Agri. College
WPCC	258	1160	500	Chicago, IllN. Shore Congregational Ch.
WPDQ	205.4	1460	50	Buffalo, N. YH. L. Turner
WPG	299.8	1000	500	Atlantic City, N. JMunicipality of Atlantic
		1000	000	City.
WPRC	215.7	1390	100	Harrisburg, PaWilson Ptg. & Radio Co.
WPSC	261	1150	500	State College, PaPenn State College
WQAA	220	1360	500	Parkersburg, PaH. A. Beale, Jr.
WQAC	234	1280	100	Amarillo, TexasGish Radio Service
WQAE	246	1220	50	Springfield, VtMoore Radio News Sta.
WQAM	263	1140	100	Miami, FlaElectric Equipment Co.
WQAN	250	1200	100	Scranton, PaThe Scranton Times
WQAO	360	830	100	New York, N. Y Calvary Baptist Church
WQJ	447.5	670	500	Chicago, IllCalumet Rainbo Brdcstg. Co.
WRAF	224	1340	100	Laporte, IndRadio Club, Inc.
WRAK	256	1170	100	Escanaba, MichEconomy Light Co.
WRAM	244	1230	100	Galesburg, IllLombard College
WRAV	263	1140	100	Yellow Springs, OhioAntioch College
WRAW	238	1260	10	Reading, PaAvenue Radio Shop
WRAX	268	1120	500	Gloucester City, N. JFexon's Garage
WRBC	278	1080	500	Valparaiso, IndImmanuel Lutheran Ch.
WRC	468.5	640	1000	Washington, D. CRadio Corp of America
WRCO	252	1190	100	Raleigh, N. CWynne Radio Co.
WREC	254	1180	10	Coldwater, MissWooten's Radio Shop
WREO	285.5	1050	500	Lansing, MichReo Motor Co.
WRHF	256	1170	50	Washington, D. C Wash. Radio Hosp. Fund
WRHM	252	1190	50	Minneapolis, MinnRosedale Hospital
WRK	270	1110	100	Hamilton, OhioDoron Bros. Elec. Co.
WRM	273	1100	500	Urbana, IllUniversity of Illinois
WRMU	236	1270	100	Motor Yacht "MU-1"A. H. Grebe, Inc.
WRNY	258	1160	500	New York, N. Y Experimenter Pub. Co.
WRR	246	1220	500	Dallas, TexasCity of Dallas
WRST	215.7	1390	250	Bay Shore, N. YRadiotel Mfg. Co.
WRVA	256	1170	1000	Richmond, VaLarus & Bros. Co.
WRW	273	1100	500	Tarrytown, N. YTarrytown Research Lab.
WSAI	325.9	920	5000	Cincinnati, OhioU. S. Playing Card Co.
WSAJ	229	1310	250	Grove City, PaGrove City College
WSAN	229	1310	100	Allentown, PaAllentown Call
WSAR	254.1	1180	100	Fall River, Mass. Doughty & Welch Elec. Co.
WSAX	268	1120	100	Chicago, IllZenith Radio Corp.
WSAZ	244	1230	50	Pomeroy, OhioChase Electric Shop

Station	Meters	К. С.	Watts	Location and Owner
WSB	428.3	700	1000	Atlanta, GaThe Atlanta Journal
WSBC	209.7	1430	1000	Chicago, IllWorld Battery Co.
WSBF	273	1100	250	St. Louis, MoStix Baer and Fuller
WSBT	275	1090	250	South Bend, IndSouth Bend Tribune
WSDA	263	1140	250	New York, N. Y_Seventh Day Adventist Ch.
WSKC	261	1150	100	Bay City, MichWorld's Star Knitting Co.
WSM	282.8	1060	1000	Nashville, TennNat'l. Life and Accident
				Ins. Co.
WSMB	319	940	500	New Orleans, LaSaenger Amusement Co.
WSMH	240	1250	20	Owosso, MichShattuck Music House
WSMK	275	1090	500	Dayton, OhioS. M. K. Radio Corp.
WSOE	246	1220	500	Milwaukee, WisSchool of Engineering
WSRO	252	1190	100	Hamilton, OhioH. W. Fahlander
WSSH	260.7	1150	100	Boston, MassTremont Temple Baptist Ch.
WSUI	483.6	620	500	Iowa City, IowaState Univ. of Iowa
WSVS	218.8	1370	50	Buffalo, N. YSeneca Vocational School
WSWS	275.1	1090	1000	Woodale, IllS. W. Straus and Co.
WTAB	266	1130	100	Fall River, MassFall River Daily Herald
WTAD	236	1270	50	Carthage, IllR. E. Compton
WTAG	268	1120	500	Worcester, MassTelegram Pub. Co.
WTAL	252	1190	10	Toledo, OhioToledo Radio & Elec. Co.
WTAM		770	3500	Cleveland, Ohio_Willard Storage Battery Co.
WTAP	242	1240	50	Cambridge, IllCambridge Radio Elec. Co.
WTAQ	254.1	1180	100	Osseo, WisS. Van Gordon & Sons
WTAR	261	1150	100	Norfolk, VaReliance Radio & Elec. Co.
WTAW		1110	500	College Station, Texas_Agri. & Mech. Col.
WTAX		1300	50	Streator, IllWilliams Hardware Mfg. Co.
WTAZ	261	1150	15	Lambertville, N. JT. J. McGuire
WTIC	475.9	630	500	Hartford, ConnTravelers Insurance Co.
WWAD		1200	250	Philadelphia, PaWright & Wright, Inc.
WWAE		1240	500	Plainfield, IllElectric Park
WWAC		1140	250	Houghton, MichMichigan College of Mines
WWGL		1410	500 500	Richmond Hill, N. YRadio Eng. Corp.
W W I W W J	$\begin{array}{c} 266\\ 352.7 \end{array}$	$\frac{1130}{850}$	$\begin{array}{c} 500 \\ 1000 \end{array}$	Dearborn, MichFord Motor Co.
wwj WWL	352.7 275	$\frac{850}{1090}$	1000	Detroit, MichThe Detroit News
W W L	270	1090	100	New Orleans, LaLoyola University

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

FOREIGN BROADCASTING STATIONS

CANADIAN BROADCASTING STATIONS

	571 A	17 0	Watts	Location and Owner
Station		K. C.	500	Colgory AlbertaThe Calgary Herald
CFAC	434.5	690	500	Toronto Ont Star Publishing & rug. 00.
CFCA	356.9	840		Montrool Quebec Canadian Marcon Co.
CFCF	410.7	730	1650	Incruois File Ont. Abitibi Pow. & Paper Co.
CFCH	499.7	600	250	Edmonton AlbertaRadio Supply Co.
CFCK	516.9	580	100	Calgary, AlbertaW. W. Grant, Ltd.
CFCN	434.5	690	1800	Manager B C Sprott Shaw Radio Co.
\mathbf{CFCQ}	410.7	730	5	George W. Deavine
\mathbf{CFCT}	329.5	910	500	TT-milton Ont Jack V. Emot, Loui
CFCU	340.7	880	500	Charlottetown, P. E. I. The Island Radio Co.
\mathbf{CFCY}	312.3	960	50	Vancouver, B. CWestern Auto Elec. Co.
\mathbf{CFDC}	410.7	730	10	Thorold, OntD. J. Fendell
CFKC	247.8	1210	75	Kingston, OntMonarch Battery Co.
CFMC	267.7	1120	20	Saskatoon, SaskThe Electric Shop
CFQC	329.5	910	500	Saskatoon, SaskQueen's University Kingston, OntQueen's University
CFRC	267.7	1120	500	N. Westminster, B. C. Westminster Trst Co.
CFXC	291.1	1030	20	N. Westminster, B. CCommercial Radio, Ltd. Burnaby, B. CCommercial Radio, Ltd.
CFYC	410.7	730	500	Hamilton, OntThe Hamilton Spectator
CHCS	340.7	880	10	Hamilton, OntIne Hamilton Special A
CHIC	356.9	840	500	Toronto, OntNorthern Electric Co.
CHNC	356.9	840	500	Toronto, OntToronto Radio Research Soc.
CHSC	359.9	840.	250	Unity, SaskH. N. Stovin
CHUC	329.5	910	50	Saskatoon, SaskInt'l. Bible Students Ass'n.
CHXC		690	250	Ottawa, OntJ. R. Booth, Jr.
CHYC		730	850	Montreal, QueNorthern Electric Co.
CJBC	356.9	840	500	Toronto, OntJarvis Street Baptist Church
CJCA			500	Edmonton, AltaEdmonton Journal, Ltd.
CJCD	356.9		50	mananto Ont
CJGC	329.5		50	T I Ont London Free Fress 1 18. 00.
CJKC	_		500	Down aby B C Pyramid Temple Society
CJSC	356.9		500	
CJWC			250	Gaskaton Sask Wheaton Electric Co.
CJYC			. 500	a fail Stat Mile Deporest Raulo Ourp.
CKA			1200	Montreal, QueLaPresse Publishing Co.
CKCI	-		1000	TT D C Vanevr Hally HUVIDENCO
CKCH	-		500	D the Goal Leader Fublishing Con
CKCI		-		The Dominion Dattery Co.
CKC				Ur. G. M. Geldere
CKC		-		Burketon Junction, OntCanadian Broad
OVO	020.			agating Corn
CKF	C 410.	7 730	50	Vancouver, B. C1st Congregational Ch.

Stat	ion	Meters	к. с.	Watts	Location and Owner
CKI	NC	356.9	840	500	Toronto, OntCanadian Nat. Carbon Co.
CK	oc	340.7	880	50	Hamilton, OntWentworth Radio Supply Co.
CK	Y	384.4	780	400	Winnipeg, ManManitoba Tel. System
CN	RA	312.3	960	500	Moncton, N. BCanadian Nat'l. Rys.
CN	RC	434.5	690	750	Calgary, AltaCanadian Nat'l. Rys.
CN	\mathbf{RE}	516.9	580	500	Edmonton, AltaCanadian Nat'l. Rys.
CN	RM	410.7	730	1000	Montreal, QueCanadian Nat'l. Rys.
				1650	
CN	RO	434.5	690	500	Ottawa, OntCanadian Nat'l. Rys.
CN	RR	312.3	960	500	Regina, SaskCanadian Nat'l. Rys.
CN	\mathbb{RS}	329.5	910	500	Saskatoon, SaskCanadian Nat'l. Rys.
CN	\mathbf{RT}	356.9	840	500	Toronto, OntCanadian Nat'l. Rys.
CN	RV	291.1	1030	500	Vancouver, B. CCanadian Nat'l. Rys.
CN	RW	384.4	780	500	Winnipeg, ManCanadian Nat'l. Rys.

CUBAN BROADCASTING STATIONS

Station PWX	Meters 400	к. с.	Watts 500	Location and Owner HabanaCuban Telephone Co.
2FP	355		400	El Pais, Habana
2HP	295		100	HabanaCreditory Construcciones Co.
20K	360		100	HabanaMario Garcia Velez
20L	300		100	HabanaOscar Collado Orta
6BY	300		100	CienfuegosJose Ganduxe
6JK	275		100	Central TuincuFrank H. Jones
			100-	
6KW	340		4000	Central TuincuFrank H. Jones
7SR	350		500	CanqueySalvador Rionda
8BY	250		100	SantiagoAlberto Ravelo

MEXICAN BROADCASTING STATIONS

Signal	Meters	Watts	Location and Owner
CYA	300	500	Mexico CityElfrion R. Gomez
CYB	275	500	Mexico CityJose J. Reynosa-El Buen Tono
CYL	400	500	Mexico CityRaoul Azcarraga-Universal-Casa del
011			Radio.
CYX	325	500	Mexico CityEl Excelsior-Parker
CZE	350	500	Mexico CityDepartmente de Educacion
FAM	490	1000	GuadalajaraFederal Military Command
F AM	450	1000	Guadalajara=================================

ARGENTINA

LOR 3			Buenos AiresCia Radio Argentina
LOV	350	1000	Buenos AiresF. J. Brusa
LOW	325	1500	Buenos AiresGrand Splendid Theatre

AUSTRALIA

Signal 2BL 2FC 3AR 5CL	Meters 350 1110 480 395	Watts 5000 5000 1600 5000	Location and Owner SydneyBroadcasters Ltd. SydneyFarmer & Co. MelbourneAssociated Radio Co. AdelaideCentral Broadcasters
			BELGIUM
	265	1500	Brussels Radio-Belgique
			BRAZIL
		6000	Rio de JaneiroMarconi
			FRANCE
FPTT YN	$\begin{array}{c} 458\\ 340\end{array}$	500 	Paris Superior School Lyons-la-Doua French Government
			GERMANY
	$505 \\ 418 \\ 288 \\ 280 \\ 470 \\ 463 \\ 454 \\ 485$	$1500 \\ 1500 \\ 1500 \\ 1500 \\ 1500 \\ 1000 \\ $	BerlinVox Haus BreslauSchlesiche Rundfunk CasselNitteldeutscher Rundfunk DresdenMitteldeutsche Rundfunk Frankfort-on-MainSudwestdeutsche Rundfunk KonigsbergOstmarken Rundfunk LeipzigMitteldeutsche Rundfunk MunichDeutsche Stunde in Bayern

GREAT BRITAIN

The following stations are operated by the British Broadcasting Company, which holds an exclusive concession from the British Government:

2BD	496	1500	Aberdeen, Scotland
2BE	438		Belfast, Ireland
$2 \mathrm{DE}$	332		Dundee, Scotland
2EH	326		
210	365	3000	Edinburgh, Scotland
2ZY			London, England
	378		Manchester, England
5IT	480		Birmingham, England
5NG	229		Nottingham, England
5NO	403		Newcastle, England
5SC	422		
5WA			Glasgow, Scotland
	353		Cardiff, Wales
5XX		26000	Cardiff, Wales Daventry, England
$6 \mathrm{BM}$	386		Bournemouth, England
6FL	302		Sheffield, England
6KH	336		
6LV	314		Hull, England
			Liverpool, England
6ST	306		Stoke-on-Trent, England

New Superpower Stations are under construction in Mukden, China; San Paulo, Brazil; Moscow, Russia, and Paris, France.

AMERICAN CITIES WITH STATIONS OF 100 WATTS POWER OR MORE

Akron, Ohio Albuquerque, N. M Alltona, Pa Amarillo, TexasWDAG Ames, Iowa Anchorage, Alaska Anita. Iowa	TTTADO	
Albuquerque, N. M.	W ADC	Day
and adjuct date, which have a series and the series of the	KELR	Day
Allontown Do	WCAN	
Altoona Pa	WEDO	Da
Amonilla Manage MTD LC	WFDG	Dea
Amarino, TexasWDAG	, WQAC	Dec
Ames, lowa	WOI	Dee
Anchorage, Alaska	KFQD	Der
Anita, Iowa	KFLZ	Des
Arlington Va	NA A	Det
Atlanta Co WCOT WCD	WDDE	Det
Atlantia Otta N. T. WODI, WOD	. WDBM	_
Atlantic City, N. JWHA	R, WPG	Esc
Auburn, Ala.	WAPI	Eva
Austin, Texas	KUT	Eve
Avalon, Calif	_KFW0	Fal
Baltimore, Md. WBAL WCAO	WFBR	Fay
Bangor Maine	WART	Fli
Botovio III	WORD	
Datavia, m.	word	Fon
Bay City, Mich.	WSKC	For
Baysnore, N. Y	$_{-}WRST$	For
Beaumont. Texas	_KFDM	Fre
Beeville, Texas	KFRB	Ful
Beloit, Wis.	WEBW	Gal
Berkeley Calif	KDE	Glo
Borrion Springs Mich	WEMO	Caro
Dig Door Take Calif	- WEMC	Gra
Dig bear Lake, Canr	KFXB	Gra
Boise, Idaho	KFAU	Gro
Boston, MassWEEI,	WNAC,	Har
WBZA, WNAB, WSSH.		Har
Boundbrook, N. J	WJZ	Har
Bristow, Okla	KV00	Has
Brookings S D	KEDY	Hay
Brooklyn N V	WINDT	
Drown anilla Manage	- WP RL	Hob
Brownsville, Texas	KWWG	Hol
Bunalo, N. YWGR,	WEBR	Hol
	WIAG	Hon
Durington, rowa		1100
Burlington, Vermont	WCAX	Hon
Burlington, Vermont Camden, N. J	-WCAX WFBI	Hon
Burlington, Vermont Camden, N. J Canton, N. Y	_WCAD	Hon Hot
Burlington, Vermont Camden, N. J Carton, N. Y	-WCAX WFBI -WCAD	Hon Hot Hou
Camben, N. J	-WCAX WFBI -WCAD -WMAC	Hon Hot Hou Hou
Camden, N. J	-WCAX -WFBI -WCAD -WMAC WJAM	Hon Hot Hou Hou Inde
Camden, N. J Canden, N. J Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C	-WCAX -WFBI -WCAD -WMAC WJAM -WBT	Hon Hot Hou Hou Inde Inde
Carenovia, N. Y Cadenovia, N. Y Cadar Rapids. IowaKWCR, Charlotte, N. C Chatanooga, Tenn	-WCAX -WFBI -WCAD -WMAC WJAM -WBT -WDOD	Hon Hot Hou Inde Inde Inde
Camben, N. J	WCAX WFBI WCAD WMAC WBT WBT WDOD WBBM,	Hon Hot Hou Hou Inde Inde
Carnon N. Y Caronia N. Y Cazenovia, N. Y Cadar Rapids, IowaKWCR, Charlotte, N. C Charlotte, N. C Charlanooga, Tenn Chiengo, IllKYW, WBCN, WEBH, WGN.	WCAX WFBI WCAD WMAC WBT WBT WBT WBT WBD WBM. WBBM.	Hon Hot Hou Inde Inde Inde Inde
Carenovia, N. Y Carologia, N. Y Cadenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW, WBCN, WEBH, WGN, WMAO, WMBB, WOJ	WCAX WFBI WCAD WMAC WBT WBT WBT -WDOD WBBM. WIBO, WENR	Hon Hot Hou Inde Indi Iow Itha Jack
Canton, N. Y Canton, N. Y Cazenovia, N. Y Charlotte, N. C Charlotte, N. C Charlotte, N. C Chattanooga, Tenn KWBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSAC, WPCC, WIS	WCAX WFBI -WCAD -WCAD -WAAC WBT WBT WBT WBOD WBBM. WIBO, WENR, WUBD	Hon Hot Hou Inde Inde Indi Iow Itha Jack Jeffe
Canton, N. Y Canton, N. Y Catenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Charlotte, N. C Chicago, IllKYW, WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WEER, WAAF, WKPC	WCAX WFBI WCAD -WMAC -WJAM WBT -WDOD WBBM. WIBO, WENR WLIB, WLIB,	Hon Hou Hou Inde Indi Iow Itha Jack Jeffe
Camber, N. J. Canton, N. Y. Cazenovia, N. Y. Cedar Rapids. IowaKWCR, Charlotte, N. C. Chattanooga, Tenn. Chicago, Ill. WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG,	-WCAX -WFBI -WCAD -WMAC -WJAM -WBO, WBD, WEBM, WEBM, WENR, WLIB, WLTS,	Hon Hot Hou Inde Indi Iow: Itha Jack Jeffe John Jolie
Canton, N. Y Canton, N. Y Cazenovia, N. Y Catenovia, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chieago, IllKWCR, WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX.	-WCAX -WFBI -WCAD -WMAC -WJAM WBT -WDOD WBBM. WIBO, WENR, WLIB, WLIS,	Hon Hou Hou Inde Indi Iow Itha Jack Jeffe
Carenovia, N. Y Carton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla	-WCAX -WFBI WFBI WJAM -WDOD WBBM. WIBO, WENR. WLIB, WLIB, WLIS, -KOCW	Hon Hot Hou Inde Indi Iow: Itha Jack Jeffe John Jolid Kan
Anchorage, Alaska Anchorage, Alaska Arlington. Va. Atlanta. Ga. WGST, WSB Atlantic City, N. J. WHA Auburn, Ala. Austin, Texas. Avalon, Calif. Baltimore. Md. WBAL, WCAG Bangor. Maine- Batrinore. Md. WBAL, WCAS Barkeley, Calif. Berkeley, Calif. Berkeley, Calif. Berkeley, Calif. Berkeley, Calif. Boston, Mass. Beloit, Wis. Berkeley, Calif. Boston, Mass. WEZA, WNAB, WSSH. Boundbrock. N. J. Brookings, S. D. Brooklyn. N. Y. Brownsville, Texas. Burlington, Vermont. Cazenovia, N. Y. Catanovia, N. Y. Chatanooga, Tenn. Chicago, III. WECK, WPCC, WLS. WSAX. WSBC, WPCC, WLS. WFASA. Sat. Surfalo. Chickasha, Okla. Chickasha, Okla.	-WCAX -WFBI -WCAD -WJAM -WDOD WBBM, WIBO, WEBM, WLIB, WLIB, WLTS, -KOCW	Hon Hot Hou Inde Indi Iow: Itha Jack Jeffe John John Kan
Carenovia, N. Y Caronovia, N. Y Cadenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW, WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chico, Calif Chico, Calif Chico, Calif Chico, Calif Chico, WLW, WSAI,	-WCAX -WCAX -WFBI WAC WJAM -WDOD WBBM. WIBO, WENR, WLIB, WLIB, KFWH KFWH	Hon Hot Hou Inde Indi Iow: Itha Jack Jeffe John Jolid Kan
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Charlotte, N. C Charlotte, N. C Chattanooga, Tenn KWK, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSKC, WPCC, WLS, WFKB, WAAF, WKBG, Chickasha, Okla Chickasha, Okla Chicana, Lowa	-WCAX -WFBI WFBI -WAC -WJAM -WBT -WBT WBBM, WEBM, WLIB, WLIB, WLIB, WLTS, -KOCW KFWH WKRC KS0	Hon Hot Hou Hou Inde Inde Inde Inde Jow: John John John John Kan Kno Lans
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chieago, IllKYW, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chiccasha, Okla Chico, Calif Chico, Calif Clay Center, Neb	-WCAX -WFBI WFBI WAC WJAM -WBT -WDOD WBBM, WIBO, WENR, WLIB, WLTS, -KOCW KFWH WKRC KS0 -KMMJ	Hon Hot Hou Inde Inde Inde Jow: John John John John John John John John
Burlington, Yermont Camden, N. J Canton, N. Y Cazenovia, N. Y Charlotte, N. C Charlotte, N. C Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn WBCN, WEBH, WGN, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Iowa Clarinda, Iowa Clearwater, Fela	-WCAX -WFBI WCAD -WMAC -WBBM. WBBM. WBBM. WEBM. WLIB, WLTS, -KOCW KFWH WKRC KSO -KMMJ WGHB	Hon Hot Hou Inde Indi Iow Itha Jack John John Kan Kno Lar
Carenovia, N. Y Canton, N. Y Cazenovia, N. Y Cazenovia, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKWKR, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX, Chickasha, Okla Chickasha, Okla Chico, Calif Chico, Calif Charlonati, OhioWLW, WSAI, Clay Center, Neb Clearwater, Fla Clearedad Obio WTAM	-WCAX -WFBI WCAD -WAC -WJAM -WBT -WDOD WEBM. WIBO, WENR. WLIB, WLIS, -KOCW KSO KSO KMJ WGHB	Hon Hot Hou Inde Inde Inde Inde John John Kan Lan Lan Lan
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Chartanooga, Tenn Chicago, III WBCN, WEBH, WGN, WBCN, WEBH, WGN, WBCN, WMBB, WQJ. WSBC, WPCC, WLS. WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chico, Calif Cincinnati, OhioWLW, WSAI, Clarinda, Iowa Clearwater, Fla Cleveland, Ohio	-WCAX -WFBI WCAD -WMAC -WBBM. WBBM. WBBM. WEBM. WLIB, WLIB, WLTS, -KOCW -KFWH WKRC 	Hon Hot Hou Inde Indi Iow: Itha Jact John Jolie Kan Kno Lan La La Law
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chieago, IllKYW. WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKE, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Iowa Clay Center, Neb Clearwater, Fla Cleveland, OhioWTAM, WHK, WDBK.	-WCAX -WFBI WFBI WLAM -WBT -WBT WDOD WBBM WENR WLIB, WLIB, WLIB, WLIS, -KCCW -KFWH WKRC -KSO -KMMJ WGHB WEAR,	Hon Hot Hou Inde Indi Iow Jack Jeffe John Jolid Kan La La La La La La La La
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chico, Calif Chico, Calif Clay Center, Neb Clay Center, Fla Clearwater, Fla Clea	-WCAX -WFBI WFBI -WAC -WJAM -WDOD WBBM. WIBO, WENR, WLIB, WLIB, WLTS, KSO KSO KSO KSO KMJ -WGHB WEAR,	Hon Hot Hou Hou Inde Indi Iow Jack John John John John John John Lack Lack Lack Lack Lack Lack Lack Lack
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cdare Rapids, IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Clarinda, Iowa Clearwater, Fla Cleveland, OhioWTAM, WHK, WDBK WHK, WDBK College station. Texas College station. Texas	-WCAX -WFBI WCAD -WMAC -WJAM -WBT WBBM. WBBM. WEBM. WLIB, WLIB, WLIB, WLIB, WLTS, -KOCW KFWH WKRC KSO KMMJ -WGHB WEAR, WTAW -WFBJ	Hon Hot Hou Inde Indi Inde Indi Iow Itha Jack John Kno Lar Lar Lar Law Law Law Law
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW. WBCN, WEBH, WGN, WSBC, WPCC, WLS. WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chicetter, Neb Clay Center, Neb Clay center, Fla Cleveland. OhioWTAM, WHK, WDBK. College Station. Texas College Springs, ColoKFXF,	-WCAX -WFBI WFBI WAC WJAM -WBT WDOD WEBM. WIDO, WENR WLIB, WLIB, WLTS, -KOCW KFWH WKRC KSO KSO KMJ WGHB WEAR, WTAW -WFBJ KFUM	Hon Hou Hou Inde Indi Iow Jack Jeffe Johi Kan Kan Lar Lar Lar Lar Lar Law Law Law Lock Lock
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Charlotte, N. C Charlotte, N. C Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn WBCN, WEBH, WGN, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSAX, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, OhioWLW, WSAI, Clarinda, Iowa Clearwater, Fla Clearwater, Fla Clearwater, Fla Clearwater, Fla Clearwater, Fla Clearwater, Fla Clearwater, Fla Clearwater, MDBK. College Station, Texas Collordo Springs, ColoKFXF, Columbia, Mo	-WCAX -WFBI WCAD -WAC -WJAM -WBBM. WBBM. WBBM. WEBM. WLIB, WLTS, -KOCW KFWH WKRC KSO -KMMJ WEAR, WGHB WEAR, WTAW -KFBJ KFUM	Hon Hou Hou Inde Indi Iow Jack Jeffe Johi Kan Kan Lar Lar Lar Lar Lar Law Law Law Lock Lock
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Charlotte, N. C Charlotte, N. C Charlotte, N. C WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSC, WYCC, WLS, WFKE, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Iowa Clay Center, Neb Clearwater, Fla Clearwater, Fla Clege Station. Texas College Station. Texas College Springs, ColoKFXF, Columbia, MoWAIU.	-WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WCAX 	Hon Hot Hou Inde Indi Iow Itha Jaff John John John John John John John Lar Lar Law Law Law Law Lock Lock
Burlington, Yermont Camden, N. J Canton, N. Y Cazenovia, N. Y Charlotte, N. C Charlotte, N. C Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn Chattanooga, Tenn WBCN, WEBH, WGN, WBCN, WEBH, WGN, WBCN, WEBH, WGN, WMAQ, WMBB, WQJ, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Clearwater, Fila Clearwater, Fila Collegeville, Minn Colorado Springs, ColoKFXF, Columbus, OhioWAIU, Corvallis, Oregon	-WCAX -WFBI WFBI WTAC -WMAC -WBBM WBBM WBBM WEBM WLB, WLB, WLTS, -KOCW KFWH WKRC KSO -KMMJ WEAR, WFBJ KFUM KFUM KFBU KFAU WEAO C	Hon Hot Hou Inde Indi Iow Itha Jaff John John John John John John John Lar Lar Law Law Law Law Lock Lock
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Charlotte, N. C Charlotte, N. C Charlotte, N. C WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSC, WPCC, WLS, WFKE, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Iowa Clavinda, Iowa Clearwater, Fla Cleretand, Ohio Clege Station. Texas College Station College Station.	-WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WCAX -WDOD WBBM. WDOD WBBM. WLB, WLB, WLB, WLIB, WLTS, 	Hon Hot Hou Inde Indi Iow Itha Jaff John John John John John John John Lar Lar Law Law Law Law Lock Lock
Burlington, Jowa Camden, N. J. Canton, N. Y. Cazenovia, N. Y. Cedar Rapids. Iowa Charlotte, N. C. Charlotte, N. C. WBCN, WEBH, WGN, WSR, WAAF, WKBG, WSAX. Chickasha, Okla. Chico, Calif. Chico, Calif. Cincinnati, Ohio_WLW, WSAI, Clay Center, Neb. Clay Center, Fla. Clearwater, Fla. Clearwater, Fla. Clearwater, Fla. Clearwater, Fla. College Station. Texas. College Station. WIM, WHK, WDBK.	-WCAX -WCAX -WFBI WCAD -WAC -WBBM. WBBM. WBBM. WLB, WLB, WLTS, -KOCW -KRC KSO -KMMJ WEAR, WFBJ KFUM -KFRU WFAU -KCAC -KOAC -KOAC -KOAC	Hon Hot Hou Hou Indd Indi Johi Johi Johi Johi Johi Lau Law Law Law Law Law Log Long Long Long
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Charlotte, N. C Charlotte, N. C WBCN, WEBH, WGN, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSKC, WPCC, WLS, WFKB, WAAF, WKBG, Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Iowa Clay Center, Neb Clearwater, Fla Clearwater, Fla Clereland, OhioWTAM, WHK, WDBK College Station. Texas College Station Columbus, OhioWAIU, Corvallis, Oregon Council Bluffs, Iowa Cranston, R. I	-WCAX -WCAX -WFBI WCAD -WAC -WBF -WDOD WBBM. WDOD WEBM. WLB, WLB, WLB, WLB, WLB, WLB, WLB, WLB,	Hon Hot Hou Hou Hou Hou Inde Joh Joh Joh Joh Joh Kan Kno Lar Lar Law Lock Lock Lock Lock Lock Lock Lock Lock
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chicago, IllKYW. WBCN, WEBH, WGN, WSBC, WPCC, WLS. WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Chickasha, Okla Chickasha, Okla Chice, Calif Chice, Calif Clay Center, Neb Cleareter, Fla Cleveland. OhioWLW, WSAI, College Station. Texas College Station. Texas College Station. Texas Collegeville, Minn Columbia, MoWAIU, Corvallis, Oregon Council Bluffs. Iowa Cranston, R. I Culver, Ind	-WCAX -WCAX -WFBI WCAD -WMAC -WJAM -WBT -WDOD WEBM. WIDO, WENR WLIB, WLIB, WLTS, -KOCW K80 K80 K80 K80 K80 K80 K80 K90 K90 K90 K90 K00 	Hon Hot Hou Hou Hou Hou Indi Iow Joh Joh Joh Joh Kan Kan Lar Lar Lar Lar Lar Lar Lar Lar Loga Loga Loga Loga Loga Loga Loga Macconna Loga Loga Macconna Loga Loga Loga Loga Loga Loga Loga Log
Burlington, Vermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cedar Rapids. IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chiedgo, Ill	-WCAX -WCAX -WFBI WCAD -WAC -WJAM -WBBM. WBBM. WBBM. WLB, WLB, WLB, WLTS, -KOCW KFWH WKRC 	Hon Hot Hou Hou Hou Hou Hou Joh Joh Joh Joh Joh Joh Joh Joh Joh Joh
Burlington, Yermont Camden, N. J Canton, N. Y Cazenovia, N. Y Cdare Rapids, IowaKWCR, Charlotte, N. C Chattanooga, Tenn Chattanooga, Tenn Chiedas, IllKWK, WBCN, WEBH, WGN, WSBC, WPCC, WLS, WFKB, WAAF, WKBG, WSAX. Chickasha, Okla Chickasha, Okla Clarinda, Iowa Clearwater, Fla Clearwater, Fla Clege Station, Texas Columbus, OhioWAIU, Corvallis, Oregon Council Bluffs. Iowa Cranston, R. I Dallas, TexasWRR, Dartmouth, Mass	-WCAX -WCAX -WFBI WCAD -WAC -WJAM -WBT -WDOD WBBM. WIDO, WENR. WLIB, WLIB, WLIS, -KCWH WKRC KSO KSO KSO KOHJ -KFRU WEAA. WTAW WEAA -KOAC KOIL WDWF	Hon Hot Hou Hou Hou Hou Indi Iow Joh Joh Joh Joh Kan Kan Lar Lar Lar Lar Lar Lar Lar Lar Loga Loga Loga Loga Loga Loga Loga Macconna Loga Loga Macconna Loga Loga Loga Loga Loga Loga Loga Log

Davenport, Iowa	
Davenport, Towa	TTOO
	WOC
David City, Neb	KFOR
Dauton Ohio	MIT CON E YZ
Dayton, Onlo	WSMA
Dearborn, Mich.	wwi
Decatur TII	WITER WERA
Decatur, III.==	WJBL, WBAO
Deerfield, III	WHT
Denman (J.).	
Denver, Colo	KOA, KLZ
Dog Maines Lows	WHO
Des stornes, towa	w no
Detroit, Mich.	WCX, WGHP.
WWT WMDO	
WWD, WMBC.	
Escanaba, Mich	WRAK
Evaneville Ind	TUCDE
izvansvine, ind	WGBF
Everett, Wash	KEBL
Eall Dimon Marsh	
Fall Kiver, Mass	WSAR, WTAB
Favetteville Ark	KIIOA
Tiller A Mint	
r nnt, Mich	WFDF
Fond Du Lac Wis	K FIZ
Ident ITLE T	AT 1//
Port wayne, Ind	WOWO
Fort Worth Texas	WRAP KEOR
Enconent 37 V	DAL, REGD
Freeport, N. Y	W GBB
Fulford Ela	WODI
Calashana Ti	wabu
Galesburg, III	WRAM
Gloucester City N T	WDAY
Grand Diele M. T.	W nAA
Grand Forks, N. D	KFJM
Grand Ranide Mich	WEDD WOOD
Grand Rapids, Micu	WDDC, WOOD
Grove City, Pa	WSAJ
Familton Ohio	WDZ WCDO
Transfitton, Onio	WAA. WORD
Harrisburg, Pa	WBAK, WPRC
Hartford Conn	TIMETO
martiora, continue	WILC
Hastings, Nebr	KEKX
Hanarford Do	WIDO
Laveriora, ra	WABQ
Hoboken, N. J.	WMCA
Tallyman 1 Calls	TELEVIE TRAINO
nonywood, Cam	KFWB, KNRC
Holy City, Calif.	FFOII
Hememood III	The second secon
110mew000, 111	WOK
Honolulu, Hawaii	KGII
TTat Continue Auto	
not oprings. Ark	KTHS
Houghton Mich	KTHS
Houghton, Mich	KTHS
Houghton, Mich	KTHS WWAO KPRC
Houghton, Mich Houghton, Texas	KTHS WWAO KPRC
Houghton, Mich Houston, Texas Independence, Mo	KTHS WWAO KPRC KLDS
Houghton, Mich Houston, Texas Independence, Mo Indianapolis, Ind	KTHS WWAO KPRC KLDS WFBM
Houghton, Mich Houston, Texas Independence, Mo Indianapolis, Ind	KTHS WWAO KPRC KLDS WFBM WSTH
Houghton, Mich Houghton, Texas Independence, Mo Indianapolis, Ind Iowa City. Iowa	KTHS WWAO KPRC KLDS WFBM WSUI
Houghton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y	KTHS KPRC KDS KDS KLS KLS KLS KLS KLS KLS KLS KL
Houshton, Mich Houston, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonytike Fig.	KTHS WWAO KPRC KLDS WFBM WSUI WEAI
Houghton, Mich Houghton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N.Y Jacksonville, Fla	KTHS WWAO KPRC KLDS WFBM WSUI WEAI WJAX
Houshton, Mich Houston, Mich Independence, Mo Indianapolis, Ind Iowa City. Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo	KTHS KPRC KLDS WFBM WSUI WEAI WJAX WAX
Houghton, Mich Houghton, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown Pa	KTHS WWAO KPRC KLDS WFBM WSUI WEAI WJAX WOS WHPP
Houshton, Mich Houston, Mich Independence, Mo Indianapolis, Ind Iowa City. Iowa Ithaca, N. Y Jacksonville. Fla Jefferson City, Mo Johnstown, Pa	KTHS WWAO KPRC KLDS WFBM WFBM WFAI WAX WHBP
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City. Iowa Ithaca, N. Y. Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Joliet, HI	KTHS WWAO KPRC KLDS WFBM WSUI WIAS WIAS WAAS WBP WHBP
Houshton, Mich Houston, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Johnstown, Pa	KTHS WWAO KPRC KLDS WFBM WFBM WEAI WEAI WOAS WHBP WOLS, WKBB WDAE WHP
Houshton, Mich Houston, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Joliet, II Kansas City, Mo	
Houshton, Mich Houshton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jacksonville, Fla Johnstown, Pa Johiet, III. Kansas City, Mo WOQ, KWKC.	KTHS WWAO KDS KLDS WFBM WSUI WSUI WAX WOS WAX WOS WBP WCLS. WKBB WDAF. WHB,
Houshton, Mich Houston, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jofferson City, Mo Johnstown, Pa Joliet, II Kansas City, Mo WOQ, KWKC.	KTHS KPRC KLDS WFBM WSUI WEAI WOS WNBP WOLS. WKBB WDAF, WHB,
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Joliet, III. Kansas City, Mo. WOQ, KWKC, Knoxville, Tenn.	KTHS WWAO KPRC KLDS WFBM WSUI WJAX WOS WHBP WCLS WKBB WDAF. WHB, WNOX
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Iodanapolis, Ind Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa. Joliet, III. Kansas City. Mo WOQ. KWKC. Knoxville, Tenn Lansing, Mich	KTHS KPRC KLDS WFBM WFBM WFAI WFAI WOS WHBP WCLS, WKBB WDAF, WHB, WNOX WKAR, WREO
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Joliet, III. Kansas City, Mo. WOQ, KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind.	KTHS KPRC KPRC KLDS WFBM WFBM WSUI WAX WAX WAX WBP WRSB WDAF. WHB, WNOX WNOX WRAR, WREO
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa Johiet, III. Kansas City, Mo WOQ, KWKC. Knoxville, Tenn Lansing, Mich La Porte, Ind	KTHS KPRC KLDS KLDS WFBM WFBM WFAI WFAI WOS WHBP WCLS. WKBB WBAF. WHB, WNOX WKAR, WREO WRAF
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Joliet, III. Kansas City, Mo WOQ. KWKC. Knoxville, Tenn Lansing, Mich Laramie, Wyo	WTHS KTHS KPRC KPRC KLDS WFBM WFAI WIAX WAR WOAF, WHBP WOAF, WHB, WOAF, WHB, WOAF, WHB, KFBU
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Johnstown,	KTHS WWAO KPRC KLDS WFBM WFAI WJAX WOS WHBP WOLS WNOX WNOX WNOX WRAF, WREO KFBU WRAF
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City. Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johiet, III. Kansas City. Mo WOQ. KWKC. Knoxville, Tenn Lansing, Mich Laramie, Wyo La Salle, III.	KTHS KPRC KLDS KLDS WFBM WFBM WEAI WOS WOS WBP WOLS. WKBB WDAF, WHB, WNOX WRAR, WREO WRAF KFBU WABF WABF
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City. Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Joliet, III. Kansas City. Mo. WOQ. KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind. Laramie, Wyo. La Salle, III. Lawrence, Kans.	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WIAX WOS WOS WHBP WOS WRBB WDAF. WHB, WNOX WKAR, WREO WRAF KFBU WBC
Hou springs, Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa Johnstown, Pa Johnstown, Pa WoQ. KWKC. Knoxville, Tenn Lansing, Mich La Porte, Ind La Salle, Ill. Lawrence, Kans	KTHS KPRC KLDS WFBM WFBM WSUI WJAX WSS WOS WBP WOLS. WKBB WOAF. WHB, WNOX WRAF, WREO WRAF KFBU WJBC WJBC
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Joliet, III. Kansas City, Mo. WOQ, KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind. Laramie, Wyo. La Salle, III. Lawrence, Kans. Lawrenceburg, Tenn.	KTHS WWAO KPRC KLDS WFBM WFBM WFBM WKAX WSUI WAX WAAX WBP WCLS. WKBB WDAF. WHB, WNOX WKAR, WREO KFBU KFRU KFKU WOAN
Hou springs, Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jacksonville, Fla Johnstown, Pa Johnstown, Pa WOO, KWKC. Knoxville, Tenn Lansing, Mich La Salle, Ill Lawrence, Kans Lawrenceburg, Tenn Lewisburg, Pa	KTHS WWAO KPRC KLDS WFBM WSUI WJAX WOS WOS WOLS, WKBB WOLS, WKBB WOAF, WHB, WOX WRAF, WREO WAAF, WREO KFBU WJBC KFKU WOAN WJBU
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City, Iowa. Ithaca, N. Y. Johastown, Pa. Johnstown, Pa. Joliet, III. Kansas City, Mo. WOQ. KWKC. Knoxville, Tenn. Lansning, Mich. La Porte, Ind. Laramie, Wyo. Lasalle, III. Lawrence, Kans. Lawrenceburg, Tenn. Lewisburg, Pa. Luncoln Wabr	KTHS WWAO KPRC KLDS WFBM WVFBM WVFAI WJAX WAA WHBP WCLS WKBP WOAF, WHB, WNOX WKAR, WREO WRAF WNOX WKAR, WREO WJBC KFBU WJBC KFKU WOAN WJBU
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo Indianapolis, Ind. Iowa City, Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa. Joliet, III. Kansas City, Mo WOO, KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind. Laramie, Wyo. La Salle, III. Lawrence, Kans. Lawrence, Kans. Lawrenceburg, Tenn. Lewisburg, Pa. Lincoln, Nebr.	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WJAX WOS WHBP WOS WOS WHBP WOLS WKAR, WRBD KFBU WDAF. WHB, WNOX KFBU WJBC KFKU WJBU
Hou springs. Ark. Houghton, Mich Houston, Texas. Independence, Mo Indianapolis, Ind. Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa Johnstown, Pa WoQ. KWKC. Knoxville, Tenn Lansing, Mich La Salle, III. Lavrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Rans. Lawrence, Tenn Lewisburg, Pa Llockport, N. Y	KTHS WWAO KPRC KLDS WFBM WFBM WEAI WJAX WHBP WOS WHBP WOS WHBP WOAF, WHB, WNOX WKAR, WREO WRAF KFBU WJBC KFFU WJBC KFAB, WFAV WMAK
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City. Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Langer (Ind. Laranie, Mich. Laranie, Mich. Laranie, Myo. La Porte, Ind. Laranie, Wyo. La Salle, Ill. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans.	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WAS WAS WAS WAS WAS WHBP WOS WHBP WOS WHBP WOS WHBR WOS WRAF KFBU WOAN WAS KFAB, WFAV WAAK WAAK
Houghton, Mich Houghton, Mich Houghton, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jacksonville, Fla Jacksonville, Fla Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa WOO, KWKC. Knoxville, Tenn Lansnig, Mich La Salle, Ill Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Nebr Lockneport, N. Y Lockansport, Ind	KTHS WWAO KPRC KLDS WFBM WSUI WJAX WOS WOLS WOS WOLS WOS WOLS WOS WOLS WOS WOS WOS WOS WOS WOS WOS WO
Houshton, Mich Houshton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jowa City, Iowa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Lawrence, Ind Laramie, Wyo Lawrence, Kans Lawrence, Kans Lockport, N. Y Logansport, Ind	KTHS WWAO KPRC KLDS WFBM WSDI WEAI WIAX WAA WAA WOS WHBP WCLS WKBB WDAF. WHB, WNOX WKAR, WREO WRAF KFRU WOAN WJBU KFAB, WFAV WBW KFON
Houshton, Mich Houshton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jacksonville, Fla Johnstown, Pa Johnstown, Pa WOQ, KWKC. Knoxville, Tenn Lansing, Mich La Porte, Ind Larannie, Wyo La Salle, Ill Lawrence, Kans Lawrence, Kans Lawrence, Kans Locknort, N. Y Logansport, Ind Logansport, Ind Logansport, Ind	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WJAX WOS WHBP WCLS WKBB WDAF. WHB, WOX KFRU WJBC KFRU WJBC KFRU WJBU KFAB, WFAY WIBW KFON
Houghton, Mich Houghton, Mich Houghton, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Knoxville, Tenn Lansnig, Mich La Porte, Ind Laramie, Wyo Lasalle, Ill Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Tenn Lewisburg, Pa Lincoln, Nebr Lockport, N. Y Logansport, Ind Long Beach, Calif	KTHS WWAO KPRC KLDS WFBM WVFBM WVFAI WJAX WJAX WAA WHBP WCLS WKBB WDAF. WHB, WOAF. WHB, WNOX WKAR, WREO WAR, WREO WFAB WJBC KFBU WJBC KFRU WJBC KFRU WJBC KFRSU WAK WIBW KFAB, WFAV WIBW KFON KFPR. KFSG,
Houghton, Mich. Houghton, Mich. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City. Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Joliet, III. Kansas City. Mo. WOO, KWKC. Knoxville, Tenn. Laranie, Mich. Laranie, Myo. La Porte, Ind. Laranie, Wyo. La Salle, III. Lawrence, Kans. Lawrence, Kans. Lincoln, Nebr. Locksport, N. Y. Locksport, Ind. Long Beach, Calif. Los Angeles, Calif.	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WJAX WOS WAS WOS WOS WHBP WOLS WKAR, WHB, WOX KFBU WOAN WAF WOX KFBU WOAN WAF WOAN WAF KFBU WOAN KFAB, WFAV WMAK WIBW KFPR, KFSG, KFSG, KMTB
Houghton, Mich Houghton, Mich Houghton, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jacksonville, Fla Jacksonville, Fla Jacksonville, Fla Jacksonville, Fla Jacksonville, Fla WoQ. KWKC. Knoxville, Tenn Lansing, Mich La Salle, Ill Lassing, Mich La Salle, Ill Lawrence, Kans Lawrence, Kans Lawrence, Kans Lockport, N. Y Logansport, Ind Los Angeles, Calif KFI, KHJ, KNX,	KTHS WWAO KPRC KLDS WFBM WSUI WSUI WJAX WOS WHBP WCLS. WKBB WOAF. WHB, WOAF. WHB, WNOX WKAR, WREO WAF, WRAF KFBU WJBC KFFKU WJBU KFAB, WFAY WJBU KFAB, WFAY WIBW KFPG, KFSG, KTBI, KMTR.
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City. Iowa Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Langer City, Mo. WOQ. KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind. Laramie, Wyo. La Salle, Ill. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Logansport, Ind. Loog Beach, Calif. Los Angeles, Calif. KFI, KHJ, KNX, Louisville, Ky.	KTHS WWAO KPRC KPRC KLDS WFBM WFAI WAA WAA WAA WAA WHBP WOS WHBP WOS WHBP WOS WHBR WOAF. WHB, WNOX WKAR, WREO WRAF KFBU WJBC KFKU WOAN WJBU KFAB, WFAV WMAK WIBW KFPR. KFSG, KTBI, KMTR. WHAS
Houshton, Mich Houshton, Mich Houston, Texas Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Mo Kron, McG La Salle, HI Lawrence, Kans La Salle, III Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lockport, N. Y Logansport, Ind Log Beach, Calif KFI, KHJ, KNX, Louisville, Ky	KTHS WWAO KPRC KLDS WFBM WSUI WJAX WOS WHBP WOLS WOS WOLS WOS WOS WOLS WOS WOS WOS KFBU WJBC KFBU WJBC KFKU WJBU KFAB, WFAV WIBW KFON KFPR, KFSG, KTBI, KMTR. WHAS
Hou springs. Ark. Houghton, Mich. Houston, Texas. Independence, Mo. Indianapolis, Ind. Iowa City. Iowa Ithaca, N. Y. Ithaca, N. Y. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Johnstown, Pa. Laksener, Mo. WOQ. KWKC. Knoxville, Tenn. Lansing, Mich. La Porte, Ind. Laramie, Wyo. La Salle, Ill. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lawrence, Kans. Lacoln, Nebr. Lockport, N. Y. Logansport, Ind. Long Beach, Calif. Los Angeles. Calif. Los KFI, KHJ, KNX, Koisville, Ky.	KTHS WWAO KPRC KLDS WFBM WFAI WFAI WIAI WIAI WHBP WOS WHBP WOS WHBP WOAF. WHB, WNOX WKAR, WREO WRAF KFRU WJBC KFKU WOAN WJBU KFAB, WFAV WBU KFPR. KFSG, KTBI, KMTR. WHAS WHAS WHAS WHAS
Houghton, Mich Houghton, Mich Houghton, Mich Independence, Mo Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Joliet, III. Kansas City, Mo WOQ, KWKC. Knoxville, Tenn Laborte, Ind Laronte, Ind Laronte, Ind Laronte, Kans Lawrenceburg, Tenn Lewisburg, Pa Lincoln, Nebr Locksport, N. Y Logansport, Ind Logansport, Ind Long Beach, Calif Karo, Ga Macon, Ga	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WJAX WOS WHBP WOLS WHBP WOLS WOS WOAF. WHB, WOA KFBU WJBC WAR, WRAF KFBU WJBU WOAN KFFU WJBU WOAN KFFN KFFN KFFN KFFN KTBI, KMTR. WHAS WHAS WHA, WIBA
Houghton, Mich Houghton, Mich Houghton, Mich Independence, Mo Indianapolis, Ind Iowa City, Iowa Ithaca, N. Y Jacksonville, Fla Jefferson City, Mo Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa WoQ, KWKC, Knoxville, Tenn Lansing, Mich La Salle, III Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lawrence, Kans Lockport, N. Y Logansport, Ind Los Angeles, Calif KFI, KHJ, KNX, Louisville, Ky Macon, Ga	KTHS WWAO KPRC KLDS WFBM WVFBM WVFAI WJAX WJAX WJAX WAAS WHBP WCLS WKBB WDAF. WHB, WNOX WKAR, WREO WRAF WFAU WJBC KFBU WJBC KFKU WJBC KFKU WJBC KFRU WJBC KFRON KTBI, KMTR. WHAS WHAS WHA, WIBA WHAS WHA, WIBA
Davenport, Iowa David City, Neb David City, Neb David City, Neb Dearborn, Mich Deerfield, III Denver, Colo Detroit, Mich WWJ, WMBC. Escanaba, Mich Evansville, Ind Falleriver, Mass Fall River, Mass Fall River, Mass Fayetteville, Ark Fint, Mich Ford Du Lac, Wis. Fort Wayne, Ind Fort Wayne, Ind Fort Worth, Texas Fort Worth, Texas Galesburg, III Gloucester City, N. J Grand Forks, N. D Grand Forks, N. D Grand Rapids, Mich Grove City, Pa Hartford, Conn Hartford, Conn Hastings, Nebr Hastings, Nebr Haverford, Pa Hoboken, N. J Hoboken, N. J Hoboken, N. J Hoboken, M. J Hoboken, M. J Houghton, Mich Houghton, Mich Houghton, Mich Indianapolis, Ind Indianapolis, Ind Johnstown, Pa Joliet, III Kansas City, Mo Lawrence, Kans Lawrence, Kans Manhattan, Kas Manhattan, Kas	KTHS WWAO KPRC KPRC KLDS WFBM WSUI WJAX WOS WHBP WOS WOS WHBP WOCLS WKAR, WHBP WOAT WNOX WKAR, WREO WAF WFBU WJBC WFFU WJBC KFFU WJBU WJBU KFAB, WFAV WIBW KFPR, KFSG KTBI, KMTR WHAS WHAS WHAS WHA, WIBA KSAC

	1
Manilo P I	KZRO KZKZ
Mongfald Conn	WOLD
mansheld, Conn	KZRQ, KZKZ WCAC WARS BF, WIOD, WQAM WHAD, WSOE, WAMD, WHDI, WLB. WJD
Medford Hillside, 1	MassWARC
Memphis, Tenn	WMC
Miami Fla WM	RE WIOD WOAM
	BF, WIOD, WOAM
Milwaukee, Wis	WHAD, WSOE,
WKAF.	
Minneanolis Minn	WAND WHDI
WOOD WOW	
WCCO, WGWI	WLB.
Missoula, Mont	KUOM
Mooseheart, Ill	WJJD
Mt Clemons Mich	WABY
Mt Drannost III	
Mit. Prospect, III	
Muscatine, Iowa	KTNT
Nashville, Tenn., W	SM. WCBO, WDAD
Nowark N T	WRDI WOOD
	wbri, wgcr,
WOR, WNJ.	
New Bedford, Mass	WNBH
New Haven Conn	WDRC
New Mayen, Conn.	
New Orleans, La w	SMB. WJBO, WWL
New York	WBNY, WEAF,
WEBJ WEBI	WGBS WHN
WTY WT7	
WJI, WJZ,	WLWL, WNIC,
WRNY, WHAP	, WQAO, WSDA.
Norfolk, Nebraska	WTAG
Norfolly Vo	TROAD
NOTIOIR, va.	WIAR
Norman, Okla	WNAD
Northfield, Minn.	KEMX WCAL
North Plainfield N	T
Colo N. h	· · ··································
Oak, Nebr	KFEQ
Oakland, Calif	KGO. KLX.
TOTAR TOTAL	
	KLS K7M
Orb Danh III	KLS, KZM.
Oak Park, Ill.	KLS, KZM. WGES
Oak Park, Ill Ogden, Utah	KLS, KZM. WGES KFWA
Oak Park, Ill Ogden, Utah Okla, City, Okla.	KLS, KZM. WGES KFWA KELE, WKY
Oak Park. Ill Ogden, Utah Okla. City, Okla	KLS, KZM. WGES KFWA KFJF, WKY
Oak Park. 111. Ogden, Utah Okla. City, Okla Omaha, Nebr.	KLS, KZM.
Oak Park, Ill. Ogden, Utah Okla. City, Okla. Omaha, Nebr. KFOX, KOCH.	KLS, KZM. WGES KFJF, WKY KFJF, WKY WAAW, WOAW,
Oak Park. 11 Ogden, Utah Okla. City, Okla KFOX, KOCH. Orono, Maine	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis	KLS, KZM. WGES KFJF, WKY WAAW, WOAW, WGBX WTAO
Oak Park. III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo. Wis Parkersburg, Pa	KLS, KZM. WGES KFUF, WKY WAAW, WOAW, WGBX WGBX WQAA
Oak Park. III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Paterson, N J.	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Paterson, N. J Pensacela File	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif. Paterson, N. J Pensacola, Fla	KLS, KZM.
Oak Park. III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Patarson, N. J Pensacola, Fla Petoskey, Mich	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Paterson, N. J Petoskey, Mich Philadelphia, Pa	KLS, KZM. WGES KFWA KFJF, WKY WAAW, WOAW, WGAW, WTAQ WQAA KPSN WODA WCOA WEBP WCAU, WFI.
Oak Park, III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Paterson, N. J Pensacola, Fla Petoskey, Mich Philadelphia, Pa WIP, WLIT W.	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Okla. City, Okla KFOX, KOCH. Orono, Maine Parkersburg, Pa Pasadena, Calif Pasadena, Calif Paterson, N. J Petoskey, Mich Philadelphia, Pa WIP, WLIT. W.	KLS, KZM. WGES KFWA KFJF, WKY WAAW, WOAW, WGAW, WTAQ WQAA KPSN WCOA WCOA WEBP WCAU, WFI, 00, WHBW, WIAD,
Oak Park. III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parsdena, Calif Pasadena, Calif Pasadena, Calif Petoskey, Mich Philadelphia, Pa WIAT, WWAI	KLS, KZM. WGES KFJF, WKY WAAW, WOAW, WGBX WGBX WGBX WGAA WODA WODA WODA WODA WBBP WCAU, WFI, OO, WHBW, WIAD,
Oak Park, III Ogden, Utah Okla. City, Okla Okla. City, Okla KFOX, KOCH. Orono, Maine Osseo, Wis Parkersburg, Pa Pasadena, Calif Paterson, N. J Petoskey, Mich Philadelphia, Pa WIP, WLIT. W. WNAT, WWAT Phoenix, Ariz	KLS, KZM. —WGES KFWA KFJF, WKY WAAW, WOAW, WGBX WGBX WQAA KPSN WCAA WCAA WFBP WCAU, WFI, 00, WHBW, WIAD, KFAD, KFCB
Oak Park. III Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parsdena, Calif Pasadena, Calif Pasadena, Calif Petoskey, Mich Philadelphia, Pa WIAT, WWAT Phoenix, Ariz Pineville, La	KLS, KZM.
Oak Park, III Ogden, Utah Okla. City, Okla Okla. City, Okla KFOX, KOCH. Orono, Maine Parkersburg, Pa Pasadena, Calif Pasadena, Calif Pasadena, Calif Pasadena, Calif Paterson, N. J Petoskey, Mich Philadelphia, Pa WIP, WLIT. W. WNAT, WWAI Phoenix, Ariz Pittsburgh Pa	WAMD, WHDI, WJAD WJJD WJJD WJAZ WJAZ WJAZ WJAZ WJAZ WJAZ WBPI, WGCP, WBPI, WGCP, WBPI, WGCP, WBPI, WGCP, WBPI, WGCP, WBRY, WEAF, WBNY, WEAF, WBRY, WEAF, WGBS, WHN. WGES
Oak Park. HI Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parsdena, Calif Pasadena, Calif Pasadena, Calif Petoskey, Mich Philadelphia, Pa WIAT, WWAT Pineville, La Pittsburgh, Pa	KLS, KZM. WGES KFWA WGAW, WGBX WGBX WGBX WGBX WGBX WGAA WODA WCOA WODA WCOA WCAU, WFI, 00, WHBW, WIAD, KFAD, KFCB KFWU KQV, WCAE,
Oak Park, III Ogden, Utah Ogden, Utah Okla. City, Okla WFOX, KOCH. Orono, Maine- Osseo, Wis Parkersburg, Pa Pasadena, Calif Pasadena, Cal	KLS, KZM. WGES KFWA KFJF, WKY WAAW, WOAW, WGAW, WTAQ WQAA WCAA WCAA WCAU, WFI, 00, WHBW, WIAD, KFAD, KFCB KFWU KQV, WCAE, A.
Oak Park. HI Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parsdena, Calif Pasadena, Calif Potoskey, Mich Pilalnfield, Ill	KLS, KZM. WGES KFWA WGAW, WGBX WGBX WGBX WGBX WGAA WGAA WODA WCAU, WFI, OO, WHBW, WIAD, KFAD, KFCB KFWU KQV, WCAE, AWWAE
Oak Park, III Ogden, Utah Ogden, Utah Okla. City, Okla WFOX, KOCH. Orono, Maine Pasadena, Calif Pasadena, Calif Pasaden	KLS, KZM. — WGES — KFWA KFJF, WKY — WAAW, WOAW, — WGAW, WGAX — WCAQ — WCAQ — WCAU, WFI, 00, WHBW, WIAD, — KFAD, KFCB — KFWU — KFWU — WCAE, — WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
WJAS, KDKA Plainfield, Ill. Pontiac, Mich.	WWAE
Oak Park. III Ogden, Utah Ogden, Utah Okla. City, Okla Omaha, Nebr KFOX, KOCH. Orono, Maine Osseo, Wis Parsdena, Calif Parsdena, Calif Potokey, Mich Portlad, Maine Portland, Maine Portland, Maine Portland, Maine Portland, Maine Providence, R. I WLSI. Pullman, Wash Raleigh, N. C Richmond, Va Richmond, Va Richmond, Hill. N. WBOQ, WGMU.	WWAE

Rochester, N. YWABO, WHAM,
Rockford, IllKFLV
Rock Island, In.
Sacramento, Calif KFBK
St. Louis Mo KEUO KEVE
KSD. KMOX WEW KFOA.
KEWE WIL WMAY WSBE
St. Paul. Minn
Rochester, N. YWABO, WHAM, WHEC. Rockford, IllKFLV Rocksford, IllWHBC, Rossville, N. YWBBR Sacramento, CalifKFUO, KFVE KSD, KMOX, WEW, KFQA, KFWF, WIL, WMAY, WSBF. St. Louis, MoKFUO, KFVE KSD, KMOX, WEW, KFQA, KFWF, WIL, WMAY, WSBF. St. Paul, MinnWCO Salt Lake City, UtahKSL, KFOO, KFUT. San Antonio, TexasWOAI, WCAR San Antonio, TexasWOAI, WCAR San Antonio, TexasWOAI, WCAR San Antonio, TexasWOAI, WCAR San Juan, P. RWQAN Schenectady, N. YWGY Schenectady, N. YWQAN Schenectady, N. YWQAN Schenectady, N. YWQAN Schenectady, N. YWGAN Schenectady, N. YWGAN Schenectady, N. YWQAN Schenectady, N. YWGAN Schenectady, N. YWGAN Schenectady, N. YWGAN Schenectady, IndWSBT South San Franciseo KFNF, KMA Shreveport, LaKFNR, KHQ KFWI South Bend, IndWBZ WEBT
San Antonio, TexasWOAI, WCAR
San Diego, CalifKFVW
San Francisco, Calif.
Santa Maria, Calif
San Juan P R WKAO
Scheneetady N V WGV
Scrapton Pa WOAN
Seattle Wash KFOA KIR
KTW, KTCL.
Shenandoan, IowaKFNF, KMA
Shreveport, LaKWKH, KFDA
South Bond Ind WSPI
South Dend, Ind WSBT
Spolane Week VHO VEIO VEIN
Spokale, washKhQ, KFIO, KFFI
Springfield Ohio WCSO
State College N M KOB
State College, N. M. WPSC
Stevens Point Wis WLRL
Superior Wis WEBC
Syracuse, N. Y. WEBL
Tacoma, WashKMO
Takoma Park, MdWBES
Tampa, FlaWDAE
Tarrytown, N. Y WRW
Trenton, N. JWOAX
Troy, N. Y
Tulsa. OklaWLAL
Tuscola, IllWDZ
University Place, NebrWCAJ
Urbana, III
Utica, N. YWIBX
Valparaiso, indwkbc
Wage Toyag WIAD
Wallo Wallo Woch KOWW
Washington D C WCAP WPC
Tulsa. WLAL. Tuscola, Ill. WDZ University Place, Nebr. WCAJ Urbana, Ill. WRM Utica, N. Y. WIBX Valparaiso. Ind. WRM WRM Utica, N. Y. WIBX Valparaiso. Ind. WRM WRMC Vermillion, S. D. KUSD Waco. Texas Walla Walla, Wash. KOWW Washington, D. C. WCAP, WRC, WMAL. WBA Webster, Mass. WKBE West Lafayette, Ind. WBAX, WRRE Wilkes-Barre, Pa. WBAX, WRRE Wilkes-Barre, Pa. WBAX, WRRE Wilter Park, Fla. WDBO Woodale, Ill. WSWS Worcester. Mass. WTAG Yankton, S. D. WNAX Yellow Springs, Ohio. WAX Yellow Springs, Ohio. WRAV Zion, Ill. WCBD
Webster, MassWKBE
West Latayette, Ind
Willion Barro Do WDIV WDDD
Wilmington Dol WDAA, WBRE
Winter Dark Ele WDDO
Woodale III WSWS
Worcester, Mass. WTAG
Yakima, Wash, KEIO
Yankton, S. D. WNAX
Yellow Springs, Ohio WRAV
Zion, IllWCBD

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

CANADIAN CITIES WITH STATIONS OF 100 - WATTS POWER OR MORE

Calgary, AltaCFAC, CFCN, CNRC Edmonton, AltaCFCK, CJCA, CNRE Hamilton, OntCFCU Iroquois Falls, OntCFCH Kingston, OntCFRC Moncton, N. BCFCF, CHYC, CKAC, CNRM, CFCF, CHYC, CKAC, Winning, Manitoha	CJYC CHIC, CHNC, KNC, CNRT. CHSC CKCD, CNRV CFCT
CNRM. Winnipeg, ManitobaC	

IMPORTANT EVENTS IN RADIO—PEAKS IN THE WAVES OF WIRELESS PROGRESS

(Continued from page 5)

statement that "electrical communication, using this apparatus, might be established between points certainly more than one-half mile apart, but how much farther I can not say." It appeared that Professor Dolbear made an approach to the method that was, subsequently in the hands of Marconi, to be crowned with success.

1883. Fitzgerald suggested a method of producing electromagnetic waves in space by the discharge of a conductor.

1885. Edison, assisted by Gillilaud, Phelps, and Smith, worked out a system of communication between railway stations and moving trains by means of induction and without the use of conducting wires. Edison took out only one patent on long-distance telegraphy without wires. The application was filed May 23, 1885, at the time he was working on induction telegraphy, but the patent (No. 465971) was not issued until December 29, 1891. In 1903 it was purchased from him by the Marconi Wireless Telegraph Co.

Preece made experiments at Newcastle-on-Tyne which showed that in two completely insulated circuits of square form, each side being 440 yards, placed a quarter of a mile apart, telephonic speech was conveyed from one to the other by induction.

1886. Dolbear patented a plan for establishing wireless communication by means of two insulated elevated plates, but there is no evidence that the method proposed by him did, or could, effect the transmission of signals between stations separated by any distance.

1887. Hertz showed that electromagnetic waves are in complete accordance with the waves of light and heat, and founded the theory upon which all modern radio signaling devices are based.

Heaviside established communication by telephonic speech between the surface of the earth and the subterranean galleries of the Broomhill Collieries, 350 feet deep, by laying above and below ground two complete metallic circuits, each about $2\frac{1}{4}$ miles in length, and parallel to each other. 1889. Thompson suggested that electric waves were particularly suitable for the transmission of signals through fogs and material objects.

1891. Trowbridge suggested that by means of magnetic induction between two separate and completely insulated circuits communication could be effected between distances.

1892. Preece adopted a method which united both conduction and induction as the means of affecting one circuit by the current in another. In this way he established communication between two points on the Bristol Channel and at Lochness in Scotland.

Stevenson, of the Northern Lighthouse Board, Edinburgh, advocated the use of an inductive system for communication between the mainland and isolated lighthouses.

Branly devised an appliance for detecting electromagnetic waves, which was known as a coherer.

1894. Rathenau experimented with a conductive system of wireless telegraphy and signaled through 3 miles of water.

1895. Smith established communication by conduction with the lighthouse on the Fastnet.

Marconi's investigations led him to the conclusion that Hertzian waves could be used for telegraphing without wires.

1896. Marconi lodged his application for the first British patent for wireless telegraphy. He conducted experiments in communicating over a distance of 134 miles successfully.

The first demonstration of directional wireless using reflectors was given in England. Experiments were conducted to determine the relative speed of propagation of light waves and the electric vibrations which actuated a receiver at a distance of $1\frac{1}{2}$ miles between reflectors.

1897. March: Marconi demonstrated communication being established over a distance of 4 miles.

March 17: Balloons were first used for the suspension of wireless aerials.

July 10-18: Marconi maintained communication between the shore and a ship at sea at distances up to 10 miles.

September and October: Apparatus was erected at Bath, England, and signals received from Salisbury, 34 miles distant.

November 1: First Marconi station erected at the Needles, Alum Bay, Isle of Wight. Experiments were conducted covering a range of $14\frac{1}{2}$ miles.

December 6: Signals transmitted from shore to a ship at sea, 18 miles distant.

December 7: First floating wireless station was completed.

1898. June 3: The first paid radiogram was transmitted from the Needles (Isle of Wight) station.

(To be continued.)

LIST OF STATIONS BY WAVE LENGTHS

It is unusual, with most sets, to pick up distant stations of less than 100 watts power. To prevent this list from becoming too bulky, stations of less than 100 watts power are not included.

Wave Length	Freq. Kilo	Station	D No. 1	ial Settin No. 2	ng No. 3'
545.1	550	KFUO, KSD			
535.4	560	KYW, WHA	84	48	5/9
526	570	WHO, WNYC, WOAW	8-4	86	
516.9	580	WCX, WJR, CFCK, CJCA, CNRE	44_		1
508.2	590	KLX, WIP, WOO	2%-	-51-	83
499.7	600	KFRU, WMC, CFCH			
495.1	610	KGW, WEAF	21_	74	25-
483.6	620	WOC, WSUI			
475.9	630	WBAP, WFAA, WTIC	65	681-	20
468.5	640	KFI, WCAP, WRC	63	-Le7-	68
461.3	650	WCAE			
454.3	660	KFOA, KTW, WJZ	5.6	63-	63.
447.5	670	WMAQ, WQJ			
440.9	680	WOS, KLDS, WDWF, WLSI, WMAF	58	-60-	60
434.9	690	NAA, CFAC, CFCN, CHXC, CKCO, CNRC, CNRO	51	.57	59
428.3	700	KPO, WSB			
422.3	710	WKRC, WLW	50	- 54	54
416.4	720	WCCO			
410.7	730	CFCF, CFCQ, CFYC, CJKC, CKAC, CKCD, CNRM	46	50	52
405.2	740	KHJ, WJY, WOR			
399.8	750	WHAS, WHT	43	49	48
394.5	760	WFI, WLIT, WOAI		46	46
389.4	770	WEAR, WTAM	36	45	-45
384.4	780	KJR, WMBF, CKY, CNRW	38	43	43
379.5	790	WGY, WHAZ	3%-	43	43
374.8	800	KTHS, KVOO	ThL	A	
370.2	810	WEBH, WJJD	_23_	27	267
365.6	820	WDAF, WHB			

29

-

ŝ

Wave	Freq.		Dia	al Settin	g
Length		Station	No. 1	No. 2	No. 3
361.2	830	KGO, WHN	34	-37-	37
360	835	WQAO			
356.9	840	CFCA, CHIC, CHNC, CHSC, CJBC, CJSC, CKCL, CKNC, CNRT			
352.7	850	WJAD, WWJ			
348.6	860	KOB, KWSC, WEEI	33-	36-	37.
344.6	870	WCBD, WLS			
340.7	880	KFAB, KSAC, WKAQ, WMCA, CFCU	31-	34_	35
336.9	890	KFMX, KNX, WCAL, WJAX			
333.1	900	WBZ	-30-	-33	33
329.5	910	CFCT, CFQC, CHUC, CJWC, CKCW, CNRS			
325.9	920	WSAI, WKRC			
322.4	930	KOA, WJAZ			
319.5	940	WGR, WSMB	121		50
315.6	950	KFDM, KPSN, WAHG, WGBS_	26	-27-	_0_9
312.3	960	CKCK, CNRA, CNRR	0		501
309.1	970	KDKA	-25	28	Gal-
305.9	980	KTCL, WJAR	2-5-	_2_5	28-
302.8	990	WGN, WLIB	-511	27	29
299.8	1000	KSL, KUOA, WPG	-4-7-	-4-+-	4-6-
296.9	1010	KPRC	115		Ud
293.9	1020	KTBI, WAIU, WEAO	43	-4-2	
291.1	1030	CJYC			-10.55
288.3	1040	KFKX, WLWL		24	24
285.5	1050	WEMC, WKAR, WREO	10	-6	
282.8	1060	WOAN, WSM	18	22	22
280.2	1070	KFAU, KMOX, KOAC, WNAC_		120	20
278	1080	KFJM, KOIL, KWCR, KWWG, WAAF, WAAW, WABO, WCAU, WFBG, WGBU, WHAM, WHDI, WLB, WLBL, WOQ, WRBC			
275	1090	KFKU, KFSG, KQV, WAFD, WBAK, WBT, WCAC, WCAO, WEAU, WFAV, WHAD, WHAR, WJAS, WKY, WORD, WSBT, WSMK, WSWS, WWL			

	Wave Length	Freq. Kilo	Station	Di No. 1	ial Setti No. 2	ng No. 3	
	273	1100	KFAD, KFDY, KFIZ, KFLZ, KHQ, WBAA, WBBR, WDAE, WEBJ, WFBH, WHK, WIL, WRM, WRW, WSBF		21		
	270	1110	KFBU, KGU, WBAO, WDBE, WEAN, WGHP, WGST, WJAG, WJBL, WOI, WRK, WTAW		20		
~	267.7	1120	KFEQ, KFH, WDRC, WEBW, WFBM, WJAM, WJBO, WNOX, WRAX, WSAX, WTAG, CFRC			-642	
	266	1130	KFIO, KFPY, KLZ, WBCN, WENR, WGHB, WHAV, WMAK, WTAB, WWI, CNRV	13	_1.2	19	
	263	1140	KFNF, KFQB, WBPI, WCAO, WCAR, WDAG, WGWY, WQAM, WRAV, WSDA, WWAO	ř = = 5 =			
	261	1150	KFJF, KFMR, KFQA, KFUI, KFWA, KWKH, WABQ, WARC, WEAM, WKAF, WMAZ, WPSC, WSKC, WSSH, WTAR	15		1.83	
	258	1160	KOCH, WADC, WHEC, WLTS, WPCC, WRNY		.18	/	
٩.	256	1170	KFIQ, KOWW, KRE, KTNT, WBAX, WBDC, WCSH, WDOD, WHBP, WMBC, WRAK, WRVA	16	18	18	
	254	1180	KFLR, KFWH, KUSD, WCAJ,	15	,	15/	
	252]	1190	KFWB, KMA, KOCW, WFBL, WGBX WGCP WMAC WNI	12		17	
	249.9 1	1200	KFDX, KFXF, KLS, KMO, WCAX, WGES, WIAD, WLAL, WMBB, WNAB, WNAT, WQAN, WWAD				
	247.8 1	210	KFBK, KFIF, KFOX, KFRB, WAPI WCSO WEW WIOD		12	12	

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

Wave	Freq.		Di	ial Setti	ng
Length	n Kilo	Station			No. 3
246	1220	KFVW, WABX, WBAL, WRR, WSOE	1Š	15	16
244	1230	KUOM, WAMD, WATT, WEBR, WGBB, WNAX, WRAM			
242	1240	KSO, WBZA, WEBC, WOOD, WWAE	-\$	_)/	1/
240	1250	KFVE, KFUM, KTAB, KZM, WABI, W D B O, W H A P, WOAX			14
238	1260	KFCB, KFWU, KMTR, WBBT, WHT			
236	1270	KFOO, KWKC, WBOQ, WCBQ, WFBI, WFBJ, WGBF, WGNU, WIBA, WRMU		Ś	
234	1280	WFDF, WJBC, WQAC			÷==
233	1290	KFON			
231	1300	KFPR, KQW, KUT, WBRE, WKBE		6	
228.9	1310	KFLV, KMMJ, WBBL, WSAJ, WSAN			
227.1	1320	KFQD, WDBK, WOWO			
226	1330	KFOR, KFWI, WBBM, WDAD, WEBL, WIBO	-1a-	10_	12
224	1340	KFBL, WODA, WRAF			
222	1350	KZRQ, WBES, WCOA, WHBF, WHBH			
220	1360	WIBW, WQAA			
218.8	1370	WJBI	4	8	9
217.3	1380	KFQU, WFKB, WOK			
215.7	1390	WHBW, WKBG, WPRC, WRST			
214.2	1400	KFWF, WCLS, WKBB			
212.6	1410	KQP, WMAL, WWGL			
211.1	1420	KFWO			
209.7	1430	KSMR, WBNY, WCBR, WCWS, WSBC			
208.2	1440	KNRC			
206.8	1450	KFWM			
205.4	1460	WFRL, WIBX			
202.6	1480	KFXB			





The Crosley 4-tube-4-29

The Crosley 5-tube-5-38

The Crescendon

In the 4-29 and the 5-38, the introduction of the Crescendon enables these two highly efficient radios to give almost unbelievable results and has lifted them away and beyond all competition.

The Crescendon is an exclusive Crosley device for increasing the weak signals of distant stations to full volume tones without distortion. Yet with these sets, loud nearby stations can always be softened practically to whispers.

Their striking beauty will please your eye, and your ear will introduce to you new qualities in radio, which you are sure to pronounce a revelation.

Crosley manufactures radio receiving sets which are licensed under Armstrong U.S. Patent No. 1, 113, 149, or under patent applications of Radio Frequency Laboratories. Inc.

THE CROSLEY RADIO CORPORATION Powel Crosley, Jr., President CINCINNATI, OHIO

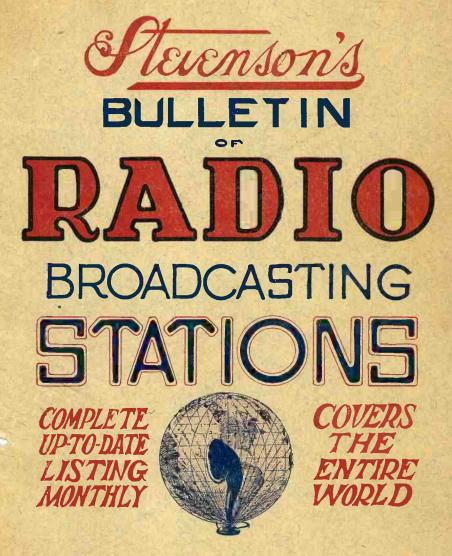
Owning and Operating WLW, first remote control super-power broadcasting station in America



for the Entertainment Corner

10c THE COPY **APRIL**, 1926

\$1.00 THE YEAR



PUBLISHED MONTHLY BY NATIONAL PUBLISHING CO., WASHINGTON, D. C.

STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS

THOMAS STEVENSON, Editor

W. W. RAPLEY, Treasurer and Business Manager

Published monthly by

NATIONAL PUBLISHING CO.

1222 H Street N. W.

Washington, D. C.

Volume 2

APRIL, 1926

Number 4

Domo

CONTENTS

	T uBc
Senator Dill Advocates Extension of Broadcasting Band	3
Important Events in Radio	5
Broadcasting Station Notes	7
Broadcasting Station Changes	8
List of American Stations	9
List of Canadian Stations	22
List of Cuban Stations	23
List of Mexican Stations	23
Other Broadcasting Stations of the World	23 - 24
List of American Cities Having Stations	25
List of Cuban Cities Having Stations	27
List of Stations by Wave Lengths	.29

Entered as second-class matter at the Post Office at Washington, D. C., under the Act of March 3, 1879.

Copyright 1926, by National Publishing Co.

COMPLETE LIST OF STATION SLOGANS

Now Available in Book Form for New Subscribers to STEVENSON'S BULLETIN OF RADIO BROAD-CASTING STATIONS

For a limited period of time, we will give a complete list of station slogans, including all American and Canadian broadcasters, revised to January 1, 1926, to new subscribers to STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS.

STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS is absolutely indispensable if maximum enjoyment is to be obtained from the set. With it almost any station in the world picked up can be identified.

The Book of Station Slogans, in convenient form, will also add to your radio pleasure.

Use the blank below to send us your subscription. The Book of Slogans will also be sent to those who renew their subscriptions.

NATIONAL PUBLISHING CO., 1220-1222 H Street N. W., Washington, D. C.

ie Cor

> Enclosed find \$1.00 for which please send me the Book of Station Slogans and STEVENSON BULLETIN OF RADIO BROADCASTING STATIONS for one year, commencing with

the_____issue.

(Name)

(Street Address) _____

(City and State)_____ (Please state whether new or renewal)

SENATOR DILL ADVOCATES EXTENSION OF BROADCASTING BAND

BY C. C. DILL

United States Senator from Washington and Author of the Dill Radio Bill Now Pending in Congress.

Radio during the last two years has become a source of real public service. It has gradually passed beyond the experimental stage and reached the point where the people of this great country may rely on it for entertainment and instruction.

It is with the thought of dedicating this great service to the permanent use of the people as a whole that Congress is attempting to frame legislation for its regulation. There seems to be no doubt that regulation is necessary and that a new radio law is needed immediately.

The question has arisen during our consideration of the bill as to whether the regulation should be entrusted to the Secretary of Commerce or to any other one man. It is my belief that at the present stage of development, the details of administration should remain with the Department of Commerce, but a non-partisan commission should be established now with authority to pass finally upon questions which may be referred to it by the Secretary of Commerce or any one else. The decisions of this Commission should, of course, be subject to review in the courts.

A highly important feature connected with the administration of the radio law is a new arrangement of wave lengths. The crowding of 536 stations on 89 wave lengths has practically rendered unserviceable a large portion of the broadcasting band—that is from 200 to 280 meters.

I believe a new band of wave lengths, from 150 to 200 meters, should be opened up, and many of the stations now congesting the band from 200 to 280 meters assigned the new wave lengths. I have been assured that if this new band is opened up, apparatus will soon be on the market to pick up these stations.

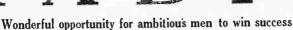
To put broadcasting stations in the band between 150 and 200 meters would mean, of course, that the amateurs would be deprived of these channels. I have the greatest admiration for these radio pioneers and predict they would cheerfully give up the 150-200 meter band to the greater service of the public as a whole.

3

NATIONALLY KNOWN MANUFACTURER INDORSES I. C. S. COURSE IN







in this fast-growing profession. Trained men scarce.

"It gives me great pleasure to add a word of commendation of

the International Correspondence

"I was once a student of the International Correspondence

Schools myself and I am familiar with your methods and texts. I recommend them to any young man who is sincerely seeking to

improve himself in position and

President, R. E. Thompson Manu-

facturing Co., makers of famous Thompson Neutrodyne Radio

R. E. THOMPSON,

Schools' new Radio Course.

salary."

Sets

Scores of fortunes have been made in radio since broadcasting began in 1921. In that year about 9½ million dollars' worth of radio apparatus was made. In 1925, more than 150 million dollars' worth was turned out by hundreds of factories!

Fact is, the Radio industry is ex-

that trained men are at a premium. There is a constant, urgent demand for operators — factory superintendents engineers — service men — designers salesmen who know radio.

"Give us more trained men," the leaders in the industry say. "Men who know something about Radio. There's no limit to what they can earn

if they are equipped to progress with this business."

We tell you frankly that few industries offer such opportunities to ambitious men today as radio. For this new industry has scarcely scratched the surface of its possibilities. Its great future lies ahead.

There is no better way for you to succeed in this fascinating business than to study the Radio Course of the International Correspondence Schools. This course is new, complete, and up-to-the-minute. It was written by practical authorities in this field. It is endorsed by leading radio experts and radio manufacturers.

Quincy J. Workman writes that he has "nearly doubled his salary" since he took up the I. C. S. Radio Course. He is now manager of the Radio Department in a large store.

 \hat{J} . B. McCune writes that the I. C. S. Radio Course enabled him to start a radio business of his own. This same

course enabled John M. Paynter to get a position as Radio Operator and Ship's Electrician. Scores of other men in radio factories, laboratories and stores report similar progress.

You, too, can get in on the groundfloor if you act quickly. But don't delay too long. Mark and mail the coupon today and let us tell you all about the I. C. S.

Radio Course and what it can do for you. It will pay you to learn more about this growing industry. Mail the Coupon for Free Booklet.

International Correspondence Schools, Box 8326, Scranton, Penna.
Without cost or obligation, please send me all the facts about the new I. C. S. course in
RADIO
Name
Street
City State

4

IMPORTANT EVENTS IN RADIO—PEAKS IN THE WAVES OF WIRELESS PROGRESS

1827. Savary found that a steel needle could be magnetized by the discharge from a Leyden jar.

1831. Faraday discovered electromagetic induction between two entirely separate circuits.

1837. The first patent for an electric telegraph was taken out by Cooke and Wheatstone (London) and by Morse (United States).

1838. Steinheil discovered the use of the earth return.

1840. Henry first produced high frequency electric oscillations and pointed out that the discharge of a condenser is oscillatory.

1842. Morse made wireless experiments by electric conduction through water.

1843. Lindsay suggested that if it were possible to provide stations not more than 20 miles apart all the way across the Atlantic there would be no need of laying a cable.

1845. Lindsay made experiments in transmitting messages across the River Tay by means of electricity or magnetism without submerging wires, using the water as a conductor.

1849. Wilkins revived the same suggestions for wireless telegraphy. Dr. O'Shaughnessy succeeded in passing intelligible signals without metallic conduction across a river 4,200 feet wide.

1862. Heyworth patented a method of conveying electric signals without the intervention of any continuous artificial conductor.

1867. Maxwell read a paper before the Royal Society in which he laid down the theory of electromagnetism, which he developed more fully in 1873 in his great treatise on electricity and magnetism. He predicted the existence of the electric waves that are now used in wire-less telegraphy.

1870. Von Bezold discovered that oscillations set up by a condenser discharge in a conductor give rise to interference phenomena.

1872. Highton made various experiments across the River Thames with Morse's method.

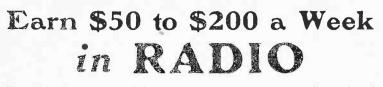
1879. Hughes discovered the phenomena on which depend the action of coherer. The coherer was later used practically by Marconi.

1380. Trowbridge found that signaling might be carried on over considerable distances by electric conduction through the earth or water between places not metallically connected.

1882. Bell's experiments with Trowbridge method on the Potomac River resulted in the detection of signals at a distance of $1\frac{1}{2}$ miles.

Professor Dolbear was awarded a United States patent in March, 1882, for wireless apparatus in connection with which he made the

(Continued on page 27)



You can! Hundreds of ambitious men are already earning thousands of dollars in this wonderful new industry-you, too, can get your share. Mail coupon below for Free Book which describes fully the amazing money-making opportunities in Radio and tells you how YOU can earn from \$5,000 to over \$10,000 a year.

T HE astounding growth of Radio has created thousands of big money oppor-tunities. Millions of dollars were spent dur-ing the past year on Radio, and thousands of young men are needed right now to meet the ever-increasing demand of work. Men are needed to build, sell and install Radio sets-to design, test, repair-as Radio engineers and executives-as operators at land stations and on ships traveling the world over -as operators at the hundreds of brondcast-ing stations. And these are just a few of the wonderful opportunities. wonderful opportunities.

Easy to Learn Radio at Home in Spare Time

No matter if you know nothing about Radio now, you can quickly become a Radio expert, by our marvelous new method of practical in-struction-instruction which includes all the material for building the latest up-to-date Receiving Sets.

Corring Sets. Scores of young men who have taken our course are already earning from \$75 to \$200 a week. Emett Welch, right after finishing his training, started earning \$300 a month and expenses. Still another graduate, only 16 years old, is averaging \$70 a wock in a production. Radio store.



Wonderful Opportunities

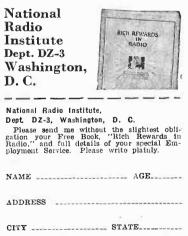
Hardly a day goes by without our receiving urgent calls for our graduates. Take advantage of our practical training and the unusual conditions in Radio to step into a big paying position in this wonderful new field. Radio offers you more money than you probably ever dreamed possible-fascinat-ing, easy work-a chance to travel and see the world if you care to, or to take any one of the many Radio positions all around you at home. And Radio offers you a glorious future! futurel

SEND FOR FREE RADIO BOOK

Learn more about this tremendous new field and its remarkable opportunities. Learn how you can quickly become a Radio expert atid make big money in Radio.

We have just prepared a new 48-page book We have just prepared a new 48-page nook which gives a thorough outline of the field of Radio-and describes our amazing, practical training in detail. This Free Book, "Rich Rewards in Radio," will be sent to you with-out the sightest obligation. Mail coupon for it now!

For a short time we are offering a reduced rate to those who enroll at once. Act promptly and save money.



BROADCASTING STATION NOTES

According to R. O. Strook, Chief Engineer of WHT, Chicago, "fading and weakened radio signals are not wholly the result of atmospheric conditions as previously supposed." Mr. Strook claims that both can now be attributed largely to the broadcasting station itself.

WBAL, "The Voice of Baltimore" has been picked up in Germany, according to a letter from Robert Blitz, an electrical engineer now residing at Darmstadt, Germany. According to the operators of the station, WBAL has also been heard from the Arctic Circle to the Equator, and has likewise gone to the Catalina Islands, off the Coast of California.

WOR, Newark, attributes its success during the International tests, when its signals were picked up in Moscow, Russia, to the changes recently made in its antenna. In place of the flat top eight-wire antenna formerly accepted as the most efficient type, WOR has installed a sixwire cage aerial.

"Those who criticise the gentlemen of the microphone generally known as announcers, should take into consideration some of the difficulties they meet with," says KFI, Los Angeles. "How, for instance, would you like to announce that 'Martha Van Hoomissen-Chevallier will play Die Tod und die Verklerung by Strauss, and accompany the Versonkene Glocke by Gretchaninnoff, sung by Antoinette Konoracharakoff?"

WGN, Chicago, has received thousands of letters of appreciation for "The Old Music Room." which is broadcast every Sunday night at 9:15 o'clock.

KOA, Denver, is trying out a ten-episode mystery serial entitled "A Step on the Stairs." The installments of the mystery play are at 9:40 o'clock each Monday evening.

Archie Coates, announcer at WEAF, was able to identify himself recently by his voice. Coates had occasion to claim a package for which he had forgotten the check. Asked to identify himself, he found he had left his wallet and cash at home. "Isn't there anyone here who listens in on WEAF who can recognize a voice," asked Coates. He proceeded through the formula of announcing the call letters, the company and studio address. Two nearby clerks came forward and offered to swear that the visitor's voice was that which frequently came forth from their loud speakers. With their support, Coates received the package.

1

STATION CHANGES

WJZ, Boundbrook-New York, is alternating between 1,000 and 50,000 watts power. The station will continue to experiment with this high power for at least sixty days, after which the Department of Commerce will decide whether the resulting interference can be eliminated.

KFON, Long Beach, Calif., is now owned by the Echophone Radio Shop.

KFNF, Shenandoah, Iowa, has transferred from class A to B and increased its power from 500 to 1,000 watts.

The call signal of KFMQ, Fayetteville, Ark., has been changed to KUOA.

The call signal of WHAT, Minneapolis, has been changed to WGWY.

The power of WEBH, Chicago, has been increased from 1,500 to 2,000 watts.

The power of WLWL, New York, has been increased from 1,500 to 3,500 watts.

Six new stations were licensed temporarily. They follow:

KLO M	Colorado Springs, Colo.	WJBU	Lewisburg, Pa.
	Santa Maria, Calif.		Minneapolis, Minn.
WJBR	Omro, Wis.		Escanaba, Mich.

Five stations were discontinued. They follow:

KFVHManhattan, Kans.WDBCLandKDZBBakersfield, Calif.WHBKEllsvKUOSan Francisco, Calif.	worth, Maine.
--	---------------

2

It is the aim of the management of STEVENSON'S BULLETIN OF RADIO BROADCASTING STATIONS to make it of real and permanent service to the radio public. The present form or arrangement is not considered by any means to be perfect or of lasting quality. To this end, suggestions and criticisms will be highly appreciated.

2

Specifically, the management would like to have your views as to the change in STEVENSON'S which was inaugurated with this issue.

CLASS B STATIONS IN THIS LIST ARE DESIGNATED BY BOLD FACE TYPE

AMERICAN STATIONS

			CYTATES	MICAN STATIONS
Station	Meters	Kilo- cycles	Watts	Location and Owner
KDKA			10000	Pittsburgh, PaWestinghouse E. & M. Co.
KDLR	231	1300	5	Devils Lake, N. DRadio Elec. Co.
KDYL	246	1220	50	Salt Lake City, UtahNewhouse Hotel
KFAB	340.7	880	1000	Lincoln, NebNebraska Buick Auto Co.
KFAD	273	1100	100	Phoenix, ArizElectrical Equipment Co.
KFAF	217.3	1380	50	San Jose, CalifA. E. Fowler
KFAU	280.2	1070	750	Boise, IdahoInd. School Dist. of Boise
KFBB	275	1090	50	Havre, MontF. A. Buttrey Co.
KFBC	215.7	1390	50	San Diego, CalifW. K. Azbill
KFBK	248	1210	100	Sacramento, CalifKinball Upson Co.
KFBL	224	1340	100	Everett, WashLeese Bros.
KFBS	238	1260	15	Trinidad, ColoSchool Dist. No. 1
KFBU	270	1110	500	Laramie, WyoBishop N. S. Thomas
KFCB	238	1260	100	Phoenix, ArizNeilson Radio Co.
KFDD	278	1080	50	Boise, IdahoSt. Michaels Cathedral
KFDM	315.6	950	500	Beaumont, TexasMagnolia Pet Co.
KFDX	250	1200	100	Shreveport, La1st Baptist Church
KFDY	273	1100	100	Brookings, S. DState College of Agri.
KFDZ	231	1300	10	Minneapolis, MinnH. O. Iverson
KFEC	248	1210	50	Portland, OregMeier & Frank Co.
KFEL	254	1180	50	Denver, ColoWinner Radio Corp.
KFEQ	267.7	1120	500	Oak, NebrJ. L. Scroggin
KFEY	233	1290	10	Kellogg, Idaho Bunker Hill & Sullivan
KFFP	242	1240	50	Moberly, Mo1st Baptist Church
KFGQ	226	1330	10	Boone, IowaCrary Co.
KFH	267.7	1120	500	Wichita, KansHotel Lassen
KFHA	252	1190	50	Gunnison, ColoWestern State College
KFHL	240	1250	10	Oskaloosa, IowaPenn College
KFI	468.5	640	4000	Los Angeles, CalifE. C. Anthony, Inc.
KFIF	248	1210	100	Portland, OregBenson Institute
KFIO	266	1130	100	Spokane, WashNorth Central H. School
KFIQ	256	1170	100	Yakima, Wash1st Methodist Church
KFIU	226	1330	10	Juneau, AlaskaAlaska Elec. Co.
KFIZ	273	1100	100	Fond du Lac, WisDaily Commonwealth
KFJB	248	1210	10	Marshalltown, IowaMarshall Elec. Co.
KFJC	218.8	1370	10	Junction City, KansR. B. Fegan
KFJF	261	1150	500	Oklahoma City, OklaNational Radio Co.
KFJI	246	1220	10	Astoria, OregLiberty Theatre

~	Mahann	K. C.	Watts	Location and Owner
Station	Meters			Grand Forks, N. DUniversity of N. D.
KFJM	278	1080	100	Portland, OregAshley C. Dixon & Son
KFJR	263	1140	50	Ft. Dodge, IowaTunwall Radio Co.
KFJY	246	1220	50	Ft. Worth, Tex. S. W. Bapt. Theo. Seminary
\mathbf{KFJZ}	254	1180	50	Greeley, ColoState Teachers College
KFKA	273	1100	50	Lawrence, KansUniversity of Kansas
KFKU	275	1090	500	Lawrence, KansUniversity of Kansas
KFKX	288.3	1040	5000	Hastings, NebrWestinghouse E. & M. Co.
KFKZ	226	1330	10	Kirksville, MoF. M. Henry
KFLR	254	1180	100	Albuquerque, N. MexUniversity of N. M.
KFLU	236	1270	10	San Benito, Texas_San Benito Radio Club
KFLV	229	1310	100	Rockford, IllSwedish Evangelist Church
KFLX	240	1250	10	Galveston, TexasGeorge R. Clough
KFLZ	273	1100	100	Anita, IowaAtlantic Auto Co.
KFMR	261	1150	100	Sioux City, IowaMorningside College
KFMW	263	1140	50	Houghton, Mich M. G. Sataren
KFMX	336.9	890	500	Northfield, MinnCarleton College
KFNF	263	1140	1000	Shenandoah, IowaHenry Field Seed Co.
KFOA	454.3	660	1000	Seattle, WashRhodes Company
KFOB	225.4	1330	50	Burlingame, CalifKFOB, Inc.
KFON	233	1290	500	Long Beach, CalifEchophone Radio Shop
KF00	236	1270	250	Salt Lake City, Utah_Latter Day Saints Univ.
KFOR	226	1330	100	David City, NebDavid City Tire & Elec. Co.
KFOT	231	1300	50	Wichita, KansCollege Hill Radio Club
KFOX	248	1210	100	Omaha, NebrTechnical High School
KFOY	252	1190	50	St. Paul, MinnBeacon Radio Service
KFPL	252	1190	15	Dublin, TexasC. C. Baxter
KFPM	242	1240	10	Greenville, TexasNew Furniture Co.
KFPR	231	1300	500	Los Angeles, CalifForestry Department
KFPW	258	1160	20	Carterville, MoSt. John's Church
KFPY		1130	100	Spokane, WashSymonds Investment Co.
KFQA		1150	100	St. Louis, MoThe Principia
KFQB		1140	1000	Ft. Worth, TexSearchlight Publish'g Co.
KFQD		1320	100	Anchorage, AlaskaChovin Sup. Co.
KFQP		1340	10	Iowa City, IowaG. S. Carson, Jr.
KFQU		1380	100	Holy City, CalifW. C. Riker
KFQW		1390	50	North Bend, WashC. F. Knierim
KFQZ		1330	50	Hollywood, Calif Taft Products Co.
KFRB		1210	250	Beeville, TexasHall Bros.
KFRC		1120	50	San Francisco, CalifCity of Paris
KFRU			500	Columbia, MoStephens College
KFRW			50	Olympia, WashUnited Churches
KFSG		1090	500	Los Angeles, CalifEcho Park Evang. Ass'n.
KFUL		1160	50	Galveston, TexasT. Googan & Bro.
KFUM			100	Colorado Springs, ColoW. D. Corley
KFU0			500	St. Louis, MoConcordia Theo. Seminary
tri. 0.0	V + V 1 4		010	-

Station	1 Meters	K. C.	Watts	Location and Owner
KFUF	234	1280	50	Denver, ColoFitzsimons General Hospital
KFUR	224	1340		Orden Utah
KFUS	256	1170	50	Ogden, UtahPeery Building Co.
KFUT		1150	100	Oakland, CalifLouis L. Sherman
KFUU			50	Salt Lake City, UtahUniversity of Utah
KFVD			50	Oakland, CalifColburn Radio Lab.
KFVE		1250	500	San Pedro, CalifChas. & W. J. McWhinnie
KFVG			15	St. Louis, MoFilm Corporation
KFVI	240	1250	10	Independence, KansFirst M. E. Church
KFVN		1320	50	Houston, Texas56th Cavalry Brigade
KFVR		1230	50	Welcome, MinnCarl E. Bagley
	511	1200	50	Denver, ColoMoonlight Ranch Broadcast-
KFVS	224	1340	50	ing Station
KFVW		1340 1220		Cape Girardeau, Mo. C. Girardeau Bat. Sta.
KFVY		1220 1200	500	San Diego, CalifAirfan Radio Corp.
KFWA		1200 1150	$10 \\ 500$	Albuquerque, N. MexRadio Supply Co.
KFWB		1190	500 500	Ogden, UtahBrowning Bros. Co.
KFWC		1420	500 50	Hollywood, Calif. Warner Bros. Pictures, Inc.
KFWF		1420 1400	250	San Bernardino, CalifL. E. Wall
KFWH		1180	$\frac{250}{100}$	St. Louis, MoSt. Louis Truth Center
KFWI	226	1330	500	Chico, CalifF. Wellington Morse, Jr.
	220	1000	500	South San Francisco, CalifRadio Enter-
KFWM	206.8	1450	500	tainments, Inc.
KFWO		1430 1420	$\frac{500}{250}$	Oakland, CalifOakland Educational Soc.
KFWU		1420 1260	$\frac{250}{100}$	Avalon, CalifLawrence Mott
KFWV		$1200 \\ 1410$	50	Pineville, LaLouisiana College
KFXB	202.6	$1410 \\ 1480$	500	Portland, OregWilbur Jerman
KFXD	202.0	$1480 \\ 1460$	10	Big Bear Lake, CalifBertram O. Heller
KFXF	249.9	1200	500	Logan, UtahService Radio Co.
KFXH	242	1200 1240	500	Colo. Springs, ColoPikes Peak Brdcst'g Co.
KFXJ	215.7	$1240 \\ 1390$	10	El Paso, TexasBledsoe Radio Co.
KFXM	227	1320	10	(Portable), ColoMountain States Radio
KFXR	214.2	1320 1400	15	Beaumont, TexasNeches Elec. Co.
KFXY	205.4	$1400 \\ 1460$	15 50	Okla. City, Okla. Classen Film Finish'g. Co.
KFYF	205.4	$1400 \\ 1460$	10	Flagstaff, ArizMary M. Costigan
KFYJ	238	1260	10	Oxnard, CalifCarl's Radio Den
KFYO	209.7	1440	10	Houston, Tex. (Portable)_Houston Chronicle
KFYR	248	1440 1210	10	Texarkana, TexasBuchanan Vaughn Co.
KGO	361.2	830	4000	Bismarck, N. DakHoskins Meyer, Inc.
KGTT	206.8	1450	4000 50	Oakland, CalifGeneral Electric Co.
	200.0	1400	00	San Francisco, CalifGlad Tidings Tabernacle.
KGU	270	1110	500	adocimacie.
KGW	491.5	610	500	Honolulu, HawaiiM. A. Mulrony
KGY	246	1220		Portland, OregThe Oregonian
KHJ	405.2	740	-	Lacey, WashSt. Martin's College Los Angeles, CalifThe Times
				The Times

Station	Meters	К. С.	Watts	Location and Owner
KHQ	273	1100	500	Spokane, WashLouis Wasmer
KJBS	220	1360	5	San Francisco, CalifJ. Brunton & Sons Co.
KJR	384.4	780	1000	Seattle, WashNorthwest Radio Co.
KLDS	440.9	680	1000	Independence, MoReorganized Church of
				Jesus Christ of Latter Day Saints.
KLS	250	1200	250	Oakland, CalifWarner Bros. Radio Co.
KLX	508.2	590	500	Oakland, CalifThe Tribune
KLZ	266	1130	250	Denver, ColoReynolds Radio Co.
KMA	252	1190	500	Shenandoah, IowaMay Seed & Nursery Co.
KMJ	234.2	1280	50	Fresno, CalifFresno Bee
KMMJ	228.9	1310	1000	Clay Center, NebrM. M. Johnson Co.
KMO	250	1200	100	Tacoma, WashLove Elec. Co.
KMOX	280.2	1070	1500	St. Louis, MoVoice of St. Louis
KMTR	238	1260	500	Los Angeles, CalifOliver S. Garretson &
				K. M. Turner.
KNRC	208.2	1440	250	Hollywood, CalifC. B. Juneau
KNX	336.9	890	1000	Los Angeles, CalifThe Express
KOA	322.4	930	5000	Denver, ColoGeneral Electric Co.
KOAC	280.2	1070	500	Corvallis, OregOregon Agri. Col.
KOB	348.6	860	1000	State College, N. MCollege of Agri. & Mech. Arts.
KOCH	258	1160	250	Omaha, NebrOmaha Central High School
KOCW	.252	1190	200	Chickasha, OklaOkla. College for Women
KOIL	278	1080	500	Council Bluffs, IowaMonarch Mfg. Co.
KOWW	256.3	1170	500	Walla Walla, WashBlue Mt. Radio Ass'n.
KPO	428.3	700	1000	San Francisco, CalifHale Brothers
KPPC	229	1310	50	Pasadena, CalifPasadena Pres. Church
KPRC	296.9	1010	750	Houston, TexasHouston Printing Co.
KPSN	315.6	950	1000	Pasadena, CalifPasadena Star-News
KQP	212.6	1410	500	Portland, OregH. B. Read
KQV	275	1090	500	Pittsburgh, PaDoubleday Hill Elec. Co.
KQW	231	1300	500	San Jose, CalifFirst Baptist Church
KRE	256	1170	100	Berkeley, CalifThe Gazette
KSAC	340.7	880	500	Manhattan, KansKans. State Agri. Col.
KSD	545.1	550	500	St. Louis, Mo The Post Dispatch
KSL	299.8	1000	1000	Salt Lake City, UtahRadio Serv. Corp.
KSMR	209.7	1430	100	Santa Maria, CalifS. M. Valley R. R. Co.
KSO	242	1240	500	Clarinda, IowaA. A. Berry Seed Co.
KTAB	240	1250	1000	Oakland, CalifTenth Ave. Bapt. Church
KTBI	293.9	1020	750	Los Angeles, Calif Bible Inst., Los Angeles
KTBR	263	1140	50	Portland, OregBrown's Radio Shop
KTCL	305.9	980	1000	Seattle, WashAm. Radio Tel. Co.
KTHS	374.8	800	500	Hot Springs, ArkNew Arlington Hotel
KTNT	256	1170	500	Muscatine, IowaN. Baker
KTW	454.3	660	1000	Seattle, Wash1st Presbyterian Church

	Station	Meters	К. С.	Watts	Location and Owner
	KUOA	_	1000	750	Fayettsville, ArkUniversity of Arkansas
	KUOM	244	1230	250	Missoula, MontState Univ. of Montana
	KUSD	278	1080	100	Vermilion, S. DakUniversity of S. Dak.
	KUT	231	1300	500	Austin, TexasUniversity of Texas
	KV00	374.8	800	500	Bristow, OklaVoice of Oklahoma
	KWCR	278	1080	500	Cedar Rapids, IowaH. F. Parr
	KWG	248	1210	50	Stockton, CalifPortable Wireless Tel. Co.
	KWKC		1270	100	Kansas City, MoWilson Duncan Studios
	KWKH	261	1150	500	Shreveport, LaW. K. Henderson I. W. &
	VWGG	0.40.0			S. CO.
	KWSC	348.6	860	500	Pullman, WashState College
	KWUC	252	1190	50	Lemars, IowaWestern Union College
	KWWG		1080	500	Brownsville, TexasCity of Brownsville
	KYW	535.4	560	3500	Chicago, IllWestinghouse E. & M. Co.
	KZKZ	270	1110	100	Manila, P. IElectric Supply Co
	KZM	240	1250	100	Oakland, CalifP. D. Allen
	KZRQ	222	1350	500	Manila, P. IFar Eastern Radio Inc
	NAA	435	680	1000	Arlington, VaU. S. Navy
	WAAD		1160	25	Cincinnati, OhioOhio Mech. Institute
	WAAF	278	1080	200	Chicago, IllDrovers Journal
	WAAW		1080	500	Omaha, NebrOmaha Grain Exchange
	WABB	204	1470	10	Harrisburg, PaHarrisburg Radio Co
	WABC	254	1180	20	Asheville, N. C Asheville Battery Co., Inc.
	WABI	240	1250	100	Bangor, MaineFirst Universalist Church
	WABO	278	1080	100	Rochester, N. Y Lake Ave. Baptist Church
	WABQ	261	1150	100	Haverford, PaHaverford Col. Radio Club
	WABR	263	1140	50	Toledo, OhioScott High School
	WABW	206.8	1450	50	Wooster, OhioCollege of Wooster
	WABX	246	1220	500	Mt. Clemens, MichH. B. Joy
	WABY		1240	50	Philadelphia, PaJohn Magaldi
	WABZ	275.1	1090	50	New Orleans, LaColiseum Pl. Baptist Ch.
	WADC	258	1160	500	Akron, OhioAllen T. Simmons
	WAFD	275	1090	500	Port Huron, MichAlbert B. Parfet Co.
	WAGM	225.4	1330	50	Royal Oak, MichR. L. Miller
	WAHG	315.6	950	500	Richmond Hill, N. YA. H. Grebe Co.
	WAIT	229	1310	10	Taunton, MassA. H. Waite & Co.
	WAIU	293.9	1020	500	Columbus, OhioAmerican Ins. Union
	WAMD	243.8	1230	500	Minneapolis, MinnRadisson Corp.
1	WAPI	247.8	1210	1000	Auburn, AlaAlabama Polytechnic Inst.
1	WARC	261	1150	100	Medford Hillside, MassAm. Radio Res.
					Corp.
	WATT	243.8	1230	100	(Portable) MassEdison Elec. Ill. Co.
1	WBAA	273	1100	250	West Lafayette, IndPurdue University
1	WBAK	275	1090	500	Harrisburg, PaPenna. State Police
1	WBAL	245.8	1220	1000	Baltimore, MdGas and Elec. Co.
					Liet, Co.

Station	Meters	К. С.	Watts	Location and Owner
WBAO	270.1	1110	100	Decatur, IllJames Millikin University
WBAP	475.9	630	1500	Fort Worth, TexasStar Telegram
WBAX	256	1170	100	Wilkes-Barre, PaJ. H. Stenger, Jr.
WBBL	228.9	1310	100	Richmond, VaGrace Covenant Pres. Ch.
WBBM	226	1330	1500	Chicago, IllAtlass Investment Co.
WBBP	238	1260	200	Petoskey, Mich Petoskey High School
WBBR	273	1100	500	Rossville, N. Y Peoples Pulpit Ass'n.
WBBS	252	1190	50	New Orleans, La1st Baptist Church
WBBW	222	1350	50	Norfolk, VaRuffner City High School
WBBY	268	1120	10	Charleston, S. CWashington Light Inf.
WBBZ	215.7	1390	50	(Portable), IllC. L. Carrell
WBCN	266	1130	500	Chicago, IllFoster & McDonnell
WBDC	256.3	1170	500	Grand Rapids, MichBaxter Laundry Co.
WBES	222	1350	100	Takoma Park, MdBliss Electrical School
WBNY	209.7	1430	500	New York, N. YMiss Shirley Katz
WBOQ	236	1270	100	Richmond Hill, N. YA. H. Grebe & Co.
WBPI	263	1140	500	Newark, N. JI. R. Nelson Co.
WBRC	248	1210	50	Birmingham, AlaBell Radio Corp.
WBRE	231	1300	100	Wilkes-Barre, PaBaltimore Radio Ex.
WBT	275	1090	250	Charlotte, N. C Charlotte Cham. of Com.
WBZ	333.1	900	2000	Springfield, Mass. Westinghouse E. & M. Co.
WBZA		1240	250	Boston, MassWestinghouse E. & M. Co.
WCAC	275	1090	500	Mansfield, ConnAgricultural College
WCAD		1140	250	Canton, N. YSt. Lawrence University
WCAE		650	500	Pittsburgh, PaKaufman & Baer
WCAJ	254	1180	500	Univ. Place, NebrNebr. Wesleyan Univ.
WCAL		890	500	Northfield, MinnSt. Olaf College
WCA0		1090	100	Baltimore, MdBrager of Baltimore
WCAP		640	500	Washington, D. CC. & P. Tel. Co.
WCAR		1140	500	San Antonio, Texas_Southern Radio Corp.
WCAT		1250	50	Rapid City, S. DSchool of Mines
WCAU		1080	500	Phila., PaUniversal Broadcasting Co.
WCAX		1200	100	Burlington, VtUniversity of Vermont
WCBA		1180	15	Allentown, PaC. W. Heimbach Zion, IllW. G. Voliva
WCBD		870	5000	New Orleans, LaUhalt Radio Co.
WCBE		1140	5	Oxford, MissUniversity of Mississippi
WCBH		1240	50	Baltimore, MdHotel Chateau
WCBM		1310	50	Nashville, Tenn1st Baptist Church
WOBG		1270	100	(Portable)C. H. Messter
WCBF			100	Minneapolis-St. Paul, Minn_Gold Medal Sta.
WCCC			5000	*Camp Lake, WisC. E. Whitmore
WCLC		1300	50	Joliet, IllH. M. Couch
WCLS			150	Pensacola, FlaMunicipal Station
WCOA			250	Pensacola, FlaHumorpar Station Portland, MaineH. P. Rines
WCSE	H 256	1170	500	Portianu, Maine

Station	Meters	K. C.	Watts	Location and Owner
WCSO	24 8	1210	100	Springfield, OhioWittenberg College
WCWS	209.7	1430	100	(Portable), MassC. W. Selen
WCX	516.9	580	5000	Pontiac, Mich Detroit Free Press and Jew-
				ett Radio and Phonograph Co.
WDAD	226	1330	150	Nashville, TennDad's Auto Accessories Inc.
WDAE	273	1100	250	Tampa, FlaTampa Daily Times
WDAF	365.6	820	500	Kansas City, Mo Kansas City Star
WDAG	263	1140	100	Amarillo, TexasJ. L. Martin
WDAH	267.7	1120	50	El Paso, TexasTrinity Methodist Church
WDAY	260.7	1150	50	Fargo, N. DakRadio Equipment Corp.
WDBE	270	1110	100	Atlanta, GaGilham-Schoen Elec. Co.
WDBJ	228.9	1310	50	Roanoke, Va Richardson Wayland El. Co.
WDBK	227	1320	100	Cleveland, OhioM. F. Broz
WDBO	240	1250	500	Winter Park, FlaRollins College
WDBZ	233	1290	10	Kingston, N. Y Boy Scouts of America
WDOD	256	1170	50 0	Chattanooga, Tenn. Chattanooga Radio Co.
WDRC	268	1120	100	New Haven, ConnDoolittle Radio Corp.
WDWF	440.9	680	500	Cranston, R. ID. W. Flint
WDZ	278	1080	100	Tuscola, IllJ. L. Bush
WEAF	491.5	610	5000	New York, N. Y A. T. & T. Co.
WEAI	254	1180	500	Ithaca, N. YCornell University
WEAM	261	1150	250	N. Plainfield, N. JBorough of N. Plainfield
WEAN	270	1110	500	Providence, R. IShepard Co.
WEAO	293.9	1020	500	Columbus, OhioOhio State University
WEAR	389.4	770	750	Cleveland, OhioGoodyear T. and R. Co.
WEAU	275	1090	100	Sioux City, IowaDavidson Bros. Co.
WEBC	242	1240	100	Superior, WisW. C. Bridges
WEBD	246	1220	15	Anderson, IndElec. Equip & Service Co.
WEBE	234	1280	10	Cambridge, OhioRoy W. Waller
WEBH	370.2	810	2000	Chicago, IllEdgewater Beach Hotel
WEBJ	273	1100	500	New York, N. YThird Avenue R. R. Co.
WEBL	226	1330	100	(Portable)Radio Corp. of America
WEBQ	226	1330	10	Harrisburg, IllTate Radio Co.
WEBR	244	1230	100	Buffalo, N. YH. H. Howell
WEBW	268	1120	500	Beloit, WisBeloit College
WEBZ WEEI	263	1140	50	Savannah, GaSavannah Radio Corp.
	348.6	860	500	Boston, MassEdison Elec. Illuminating Co.
WEHS	202.6	1480	10	Evanston, IllRobert E. Hughes
	1.00			

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

Station Meters	K. C.	Watts	Location and Owner
WEMC 285.5	1050	500	Berrien Spgs., MichEmm. Missionary Col.
WENR 266	1130	1000	Chicago, IllAll-American Radio Corp.
WEW 247.8		1000	St. Louis, MoSt. Louis University
WFAA 475.9	630	500	Dallas, TexasDallas News & Journal
WFAM 273	1100	10	St. Cloud, MinnThe Times
WFAV 275	1090	500	Lincoln, NebrUniversity of Nebr.
WFBC 250	1200	50	Knoxville, Tenn1st Baptist Church
WFBD 234	1280	5	Philadelphia, PaGethsemane Baptist Ch.
WFBE 226	1330	10	Seymour, IndJ. V. De Walle
WFBG 278	1080	100	Altoona, PaW. F. Gable Co.
WFBH 273	1100	500	New York, N. Y Concourse Radio Corp.
WFBI 236	1270	250	Camden, N. JGalvin Radio Supply Co.
WFBJ 236	1270	100	Collegeville, MinnSt. John's University
WFBL 252	1190	100	Syracuse, N. YOnondaga Hotel
WFBM 268	1120	250	Indianapolis, IndMerchants Lighting Co.
WFBR 254	1180	100	Baltimore, MdMaryland Nat'l Guard
WFBZ 254	1180	20	Galesburg, IllKnox College
WFDF 234	12 80	100	Flint, MichF. D. Fallain
WFI 394.5	760	500	Philadelphia, PaStrawbridge & Clothier
WFKB 217.3	1380	500	Chicago, IllF. K. Bridgman
WFRL 205.4	1460	100	Brooklyn, N. YR. M. Lacey
WGAL 248	1210	10	Lancaster, PaLancaster Elec. Supply Co.
WGBB 243.8	1230	100	Freeport, N. YH. H. Carman
WGBC 278	1080	10	Memphis, Tenn1st Baptist Church
WGBF 236.1		500	Evansville, IndThe Finke Furniture Co.
WGBI 239.9	1250	10	Scranton, PaFrank S. Megargee
WGBM 234	1280	30	Providence, R. IT. N. Saaty
WGBR 229	1310	10	Marshfield, WisMarshfield Broadcasting
			Ass'n.
WGBS 315.6		500	New York, N. YGimble Bros.
WGBU 278	1080	500	Fulford-By-The-Sea, FlaFlorida Cities
WGBX 252	1190	100	Orono, MaineUniversity of Maine
WGCP 252	1190	500	Newark, N. JD. W. May, Inc.
WGES 250	1200	500	Oak Park, IllCoyne Elec'l. School
WGHB 266	1130	500	Clearwater, FlaG. H. Bowles Developments
WGHP 270	1110	1500	Detroit, MichG. H. Phelps, Inc.
WGMU 236	1270	100	Richmond Hill, N. YA. H. Grebe & Co.
WGN 302.8		1000	Chicago, Ill.
WGR 319	940	750	Buffalo, N. YFederal Tel. Mfg. Co.
WGST 270	1110	500	Atlanta, GaGa. School of Tech.
WGWY 263	1140	500	Minneapolis, MinnDr. Geo. W. Young
WGY 379.		5000	Schenectady, N. YGeneral Elec. Co.
WHA 535.		750	Madison, WisUniversity of Wisconsin
WHAD 275	1090	500	Milwaukee, WisMarquette University

Station	Meters	K. C.	Watts	Location and Owner
WHAM	278	1080	100	Rochester, N. Y Eastman School of Music
WHAP	240	1250	500	New YorkWm. H. Taylor Fin. Corp.
WHAR	275	1090	500	Atlantic City, N. JF. P. Cook's Sons
WHAS	399.8	750	500	Louisville, Ky The Courier Journal-Times
WHAV	266	1130	100	Wilmington, DelWilmington Elec. Spec Co.
WHAZ	379.5	790	1000	Troy, N. YRensselaer Polytechnic Inst.
WHB	365.6	820	500	Kansas City, MoSweeney School Co.
WHBA	250	1200	10	Oil City, PaShaffer Music House
WHBC	254	1180	10	Canton, OhioRev. E. P. Graham
WHBD	222.1	1350	20	Bellefontaine, OhioCharles W. Howard
WHBF	222.1	1350	100	Rock Island, IllBeardsley Specialty Co.
WHBG	231	1300	20	Harrisburg, PaJohn S. Skane
WHBH	222.1	1350	100	Culver, IndCulver Military Academy
WHBJ	234	1280	50	Ft. Wayne, IndLauer Auto Co.
WHBL	215.7	1390	50	(Portable), IllC. L. Carroll
WHBM	215.7	1390	20	Chicago, Ill. (Portable),C. L. Carroll
WHBN	238	1260	10	St. Petersburg, Fla1st Ave. Meth. Ch.
WHBP	256	1170	100	Johnstown, PaJohnstown Auto Co.
WHBQ	233	1290	50	Memphis, TennSt. John's M. E. Church
WHBU	218.8	1370	10	Anderson, IndRiviera Theatre
WHBW	215.7	1390	100	Philadelphia, PaD. R. Kienzle
WHBY	249.9	1200	50	West De Pere, WisSt. Norbert's College
WHDI	278	1080	500	Minneapolis, MinnWm. Hood Dunwoody
				Ind. Inst.
WHEC	258	1160	100	Rochester, N. YHickson Elec. Co.
WHK	272.6	1100	1000	Cleveland, OhioRadio Air Service Corp.
WHN	361.2	830	500	New York, N. YGeorge Schubel
WHO	526	570	5000	Des Moines, IowaBankers Life Co.
WHT	399.8	750	3500	Deerfield, IllRadiophone Broadcast'g Corp.
WIAD	250	1200	100	Philadelphia, PaH. R. Miller
WIAS	254	1180	100	Burlington, Iowa
WIBA	236	1270	100	Madison WisCapital Times
WIBG	222	1350	50	Elkins Park, PaSt. Paul's P. E. Church
WIBH	209.7	1430	30	New Bedford, MassElite Radio Stores
WIBI	218.8	1370	50	Flushing, L. IF. B. Gittell, Jr.
WIBJ	215.7	1390	50	Chicago, IllC. L. Carrell
WIBM	215.7	1390	10	Chicago, IllBilly Maine
WIBO	226	1330	1000	Chicago, IllNelson Brothers
WIBR	246	1220	50	Weirton, W. VaThurman A. Owings
WIBS	202.6	1480	10	Elizabeth, N. JN. J. Nat'l Guard, 57th
WIDIT	000	1950	0.0	Infantry Brigade.
WIBU	222	1350	20	Poynette, WisThe Elec. Farm
WIBW	220	1360	100	Logansport, IndDr. L. L. Dill
WIBX	205.4	1460	150	Utica, N. YGrid Leak, Inc.

Station Meters	K. C. Watts	Location and Owner
WIBZ 230.6	1300 10	Montgomery, AlaA. D. Trum
WIL 273	1100 250	St. Louis, MoBenson Radio Co.
WIOD 247.8	1210 1000	Miami, FlaCarl G. Fisher Co.
WIP 508.2	590 500	Philadelphia, PaGimble Bros.
WJAD 352.7	850 500	Waco, TexasJackson's Radio Elec. Co.
WJAG 270	1110 200	Norfolk, NebrNorfolk Daily News
WJAK 254.1	1180 50	Kokomo, IndRev. C. L. White
WJAM 268	1120 100	Cedar Rapids, IowaD. M. Perham
WJAR 305.9	980 500	Providence, R. IThe Outlet Co.
WJAS 275	1090 500	Pittsburgh, PaPittsburgh Radio Sup. House
WJAX 336.9	890 1000	Jacksonville, FlaCity of Jacksonville
WJAZ 322.4	930 1500	Mt. Prospect, IllZenith Radio Corp.
WJBA 206.8	1450 50	Joliet, IllD. H. Lentz, Jr.
WJBB 254.1	1180 10	St. Petersburg, FlaFinancial Journal
WJBC 234	1280 100	La Salle, IllHummer Furn. Co.
WJBG 224	1340 40	Charlotte, N. CInterstate Radio
WJBI 218.8	1370 250	Red Bank, N. JRobert S. Johnson
WJBK 233	1290 10	Ypsilanti, MichErnest F. Goodwin
WJBL 270	1110 500	Decatur, IllWm. Grishard Dry Goods Co.
WJBO 267.7	1120 100	New Orleans, LaV. Jensen
WJBR 227.1	1320 50	Omro, WisOmro Drug Store
WJBU 211.1	1420 100	Lewisburg, PaBucknell University
WJJD 370.2	810 500	Mooseheart, IllLoyal Order of Moose
WJR 516.9	580 5000	Pontiac, MichDetroit Free Press and Jew-
		ett Radio and Phonograph Co.
WJY 405.2	740 1000	New York, N. YRadio Corp. of America
WJZ 454.3	660 50000	New York-Boundbrook_Radio Corp. of Am.
WKAF 261	1150 500	Milwaukee, WisWKAF Broadcasting Co.
WKAQ 340.7	880 500	San Juan, P. RRadio Corp. of Porto Rico
WKAR 285.5	1050 1000	Lansing, MichMich. Agri. College
WKAV 224	1340 50	Laconia, N. HLaconia Radio Club
WKBB 214.2	1400 100	Joliet, IllSanders Bros.
WKBE 231	1300 100	Webster, MassK. & B. Electric Co.,
WKBG 215.7	1390 100	Chicago, IllC. L. Carrell
326-		
WKRC 422.3	710 1000	Cincinnati, OhioKodel Radio Corp.
WKY 275	1090 100	Oklahoma City, OklaE. C. Hull & H. S. Richards.
WLAL 250	1200 100	Tulsa, Okla1st Christian Church
WLAP 275	1090 20	Louisville, KyW. V. Jordan
WLB 278	1080 500	Minneapolis, MinnUniversity of Minn.
WLBL 278	1080 500	Stevens Pt. WisWis. Dept. of Markets
WLIB 302.8	990 4000	Elgin-Chicago, IllLiberty Weekly, Inc.
WLIT 394.5	760 500	Philadelphia, PaLit Brothers

Station	Meters	К. C.	Watts	Location and Owner
WLS	344.6	870	5000	Chicago-Crete, IllSears, Roebuck Co.
WLSI	440.9	680	500	Providence, R. ILincoln Studios, Inc.
WLTS	258	1160	100	Chicago, IllLane Technical High School
WLW	422.3	710	5000	Cincinnati, OhioCrosley Radio Corp.
WLWL		1040	3500	New York, N. YPaulist Fathers
WMAC		1090	100	Cazenovia, N. YC. E. Meredith
WMAF		680	1000	Dartmouth, MassRound Hills Radio Corp.
WMAK		1130	500	Lockport, N. YNorton Laboratory
WMAL		1410	100	Washington, D. CLeese Optical Co.
WMAN		1080	50	Columbus, OhioHeskitt Radio Station
WMAQ		670	1000	Chicago, IllChicago Daily News
WMAY		1210	100	St. Louis, MoKings Highway Pres. Ch.
WMAZ		1150	500	Macon, GaMercer University
WMBB		1200	500	Chicago, IllAm. Bond & Mortgage Co.
WMBC		1170	100	Detroit, Mich Michigan Broadcasting Co.
WMBF	384.4	780	500	Miami Beach, FlaFleetwood Hotel
WMC	499.7	600	500	Memphis, TennThe Commercial Appeal
WMCA		880	500	Hoboken, N. JHotel McAlpine
WNAB	250	1200	100	Boston, MassShepard Stores
WNAC	280.2	1070	500	Boston, MassShepard Stores
WNAD	254	1180	500	Norman, OklaUniversity of Oklahoma
WNAL	258	1160	50	Omaha, NebrOmaha Central High School
WNAT	250	1200	100	Philadelphia, PaLenning Bros. Co.
WNAX	244	1230	100	Yankton, S. DDakota Radio App. Co.
WNBH	247.8	1210	250	New Bedford, MassNew Bedford Hotel
WNJ	252	1190	150	Newark, N. JRadio Shop
WNOX	267.7	1120	100	Knoxville, TennPeoples Tel. and Tel. Co.
WNYC	526	570	1000	New York, N. YMunicipal Station
WOAI	394.5	760	2000	San Antonio, TexasS. E. Equipment Co.
WOAN	282.8	1060	500	Lawrenceburg, TennVaughan Con. of
				Music.
WOAW		570	1000	Omaha, NebrWoodmen of the World
WOAX	240	1250	500	Trenton, N. JF. J. Wolff
WOC	483.6	620	5000	Davenport, IowaPalmer School of Chiro.
WOCL	275.1	1090	15	Jamestown, N. YHotel Jamestown
WODA		1340	250	Paterson, N. JO'Dea Radio & Vietrola Shop
WOI	270	1110	750	Ames, IowaIowa State College
WOK	217.3	1380	5000	Homewood, IllNeutrowound Radio Mfg. Co.
WOKO	233	1290	5 0	New York, N. YOtto Baur
WOO	508.2	590	500	Philadelphia, PaJohn Wanamaker
WOOD	241.8	1240	500	Grand Rapids, Mich. Grand Rapids Radio Co.
WOQ	278	1080	1000	Kansas City, McUnity Sch. of Christianity
WOR	405.2	740	500	Newark, N. JL. Bamberger and Co.
WORD	275	1090	5000	Batavia, IllPeople's Pulpit Ass'n.

Station	Meters	К. С.	Watts	Location and Owner
WOS	440.9	680	500	Jefferson City, MoMo. State Marketi'g Bur.
WOWL	270	1110	10	New Orleans, LaOwl Battery Co.
wowo	227	1320	500	Ft. Wayne, IndMain Auto Supply Co.
WPAK	275	1090	50	Agri. College, N. DN. D. Agri. College
WPCC	258	1160	500	Chicago, IllN. Shore Congregational Ch.
WPDQ	205.4	1460	50	Buffalo, N. YH. L. Turner
WPG	299.8	1000	500	Atlantic City, N. JMunicipality of Atlantic
WDDG	015 5	1000	1.0.0	City.
WPRC	215.7	1390	100	Harrisburg, PaWilson Ptg. & Radio Co.
WPSC	261	1150	500	State College, PaPenn State College
WQAA	-	1360	500	Parkersburg, PaH. A. Beale, Jr.
WQAC	234	1280	100	Amarillo, TexasGish Radio Service
WQAE	246	1220	50	Springfield, VtMoore Radio News Sta.
WQAM		1140	100	Miami, FlaElectric Equipment Co.
WQAN	250	1200	100	Scranton, PaThe Scranton Times
WQAO	360	830	100	New York, N. YCalvary Baptist Church
WQJ	447.5	670	500	Chicago, IllCalumet Rainbo Brdcstg. Co.
WRAF	224	1340	100	Laporte, IndRadio Club, Inc.
WRAK		1170	100	Escanaba, MichEconomy Light Co.
WRAM		1230	100	Galesburg, IllLombard College
WRAV	263	1140	100	Yellow Springs, OhioAntioch College
WRAW		1260	10	Reading, PaAvenue Radio Shop
WRAX	268	1120	500	Gloucester City, N. JFexon's Garage
WRBC	278	1080	500	Valparaiso, IndImmanuel Lutheran Ch.
WRC	468.5	640	1000	Washington, D. CRadio Corp of America
WRCO	252	1190	100	Raleigh, N. CWynne Radio Co.
WREC	254	1180	10	Coldwater, MissWooten's Radio Shop
WREO	285.5	1050	500	Lansing, MichReo Motor Co.
WRHF	256	1170	50	Washington, D. CWash. Radio Hosp. Fund
WRHM		1190	50	Minneapolis, MinnRosedale Hospital
WRK	270	1110	100	Hamilton, OhioDoron Bros. Elec. Co.
WRM	273	1100	500	Urbana, IllUniversity of Illinois
WRMU		1270	100	Motor Yacht "MU-1"A. H. Grebe, Inc.
WRNY	258	1160	500	New York, N. YExperimenter Pub. Co.
WRR	246	1220	500	Dallas, TexasCity of Dallas
WRST	215.7	1390	250	Bay Shore, N. YRadiotel Mfg. Co.
WRVA		1170	1000	Richmond, VaLarus & Bros. Co.
WRW	273	1100	500	Tarrytown, N. YTarrytown Research Lab.
WSAI	325.9	920	5000	Cincinnati, OhioU. S. Playing Card Co.
WSAJ	229	1310	250	Grove City, PaGrove City College
WSAN	229	1310	100	Allentown, PaAllentown Call
WSAR	254.1	1180	100	Fall River, Mass. Doughty & Welch Elec. Co.
WSAX	268	1120	100	Chicago, IllZenith Radio Corp.
WSAZ	244	1230	50	Pomeroy, OhioChase Electric Shop

Station	Meters	K. C.	Watts	Location and Owner	
WSB	428.3	700	1000	Atlanta, GaThe Atlanta Journal	
WSBC	209.7	1430	1000	Chicago, IllWorld Battery Co.	
WSBF	273	1100	250	St. Louis, MoStix Baer and Fuller	
WSBT	275	1090	250	South Bend, IndSouth Bend Tribune	
WSDA	263	1140	250	New York, N. YSeventh Day Adventist Ch.	
WSKC	261	1150	100	Bay City, Mich World's Star Knitting Co.	
WSM	282.8	1060	1000	Nashville, TennNat'l. Life and Accident	
				Ins. Co.	
WSMB	319	940	500	New Orleans, LaSaenger Amusement Co.	
WSMH	240	1250	20	Owosso, Mich Shattuck Music House	
WSMK	275	1090	500	Dayton, OhioS. M. K. Radio Corp.	
WSOE	246	1220	500	Milwaukee, WisSchool of Engineering	
WSRO	252	1190	100	Hamilton, OhioH. W. Fahlander	
WSSH	260.7	1150	100	Boston, MassTremont Temple Baptist Ch.	
WSUI	483.6	620	500	Iowa City, IowaState Univ. of Iowa	
WSVS	218.8	1370	50	Buffalo, N. Y Seneca Vocational School	
WSWS	275.1	1090	1000	Woodale, IllS. W. Straus and Co.	
WTAB	266	1130	100	Fall River, MassFall River Daily Herald	
WTAD	236	1270	50	Carthage, IllR. E. Compton	
WTAG	268	1120	500	Worcester, MassTelegram Pub. Co.	
WTAL	252	1190	10	Toledo, OhioToledo Radio & Elec. Co.	
WTAM		770	3500	Cleveland, Ohio_Willard Storage Battery Co.	
WTAP	242	1240	50	Cambridge, IllCambridge Radio Elec. Co.	
WTAQ	254.1	1180	100	Osseo, WisS. Van Gordon & Sons	
WTAR	261	1150	100	Norfolk, VaReliance Radio & Elec. Co.	
WTAW		1110	500	College Station, Texas_Agri. & Mech. Col.	
WTAX		1300	50	Streator, IllWilliams Hardware Mfg. Co.	
WTAZ	261	1150	15	Lambertville, N. JT. J. McGuire	
WTIC	475.9	630	500	Hartford, ConnTravelers Insurance Co.	
WWAD		1200	250	Philadelphia, PaWright & Wright, Inc.	
WWAE		1240	500	Plainfield, IllElectric Park	
WWAO		1140	250	Houghton, MichMichigan College of Mines	
WWGL		1410	500	Richmond Hill, N. Y Radio Eng. Corp.	
WWI	266	1130	500	Dearborn, MichFord Motor Co.	
WWJ	352.7	850	1000	Detroit, MichThe Detroit News	
WWL	275	1090	100	New Orleans, LaLoyola University	
				0	

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

FOREIGN BROADCASTING STATIONS

CANADIAN BROADCASTING STATIONS

			_				
Station	Meters	К. С.	Watts	Location and Owner			
CFAC	434.5	690	500	Calgary, AlbertaThe Calgary Herald			
CFCA	356.9	840	500	Toronto, OntStar Publishing & Ptg. Co.			
CFCF	410.7	730	1650	Montreal, QuebecCanadian Marconi Co.			
CFCH	499.7	600	250	Iroquois F'ls., OntAbitibi Pow. & Paper Co.			
CFCK	516.9	580	100	Edmonton, AlbertaRadio Supply Co.			
CFCN	434.5	690	1800	Calgary, AlbertaW. W. Grant, Ltd.			
\mathbf{CFCQ}	410.7	730	5	Vancouver, B. CSprott Shaw Radio Co.			
CFCT	329.5	910	500	Victoria, B. C George W. Deaville			
CFCU	340.7	880	500	Hamilton, OntJack V. Elliot, Ltd.			
CFCY	312.3	960	50	Charlottetown, P. E. IThe Island Radio Co.			
CFDC	410.7	730	10	Vancouver, B. CWestern Auto Elec. Co.			
CFKC	247.8	1210	75	Thorold, OntD. J. Fendell			
CFMC	267.7	1120	20	Kingston, OntMonarch Battery Co.			
CFQC	329.5	910	500	Saskatoon, SaskThe Electric Shop			
CFRC	267.7	1120	500	Kingston, OntQueen's University			
CFXC	291.1	1030	20	N. Westminster, B. CWestminster Trst Co.			
CFYC	410.7	730	500	Burnaby, B. CCommercial Radio, Ltd.			
CHCS	340.7	880	10	Hamilton, OntThe Hamilton Spectator			
CHIC	356.9	840	500	Toronto, OntNorthern Electric Co.			
CHNC	356.9	840	500	Toronto, OntToronto Radio Research Soc.			
CHSC	359.9	840.	250	Unity, SaskH. N. Stovin			
CHUC	329.5	910	50	Saskatoon, SaskInt'l. Bible Students Ass'n.			
CHXC	434.5	690	250	Ottawa, OntJ. R. Booth, Jr.			
CHYC	410.7	730	850	Montreal, QueNorthern Electric Co.			
CJBC	356.9	840	500	Toronto, OntJarvis Street Baptist Church			
CJCA	516.9	580	500	Edmonton, AltaEdmonton Journal, Ltd.			
CJCD	356.9	840	50	Toronto, OntThe T. Eaton Co.			
CJGC	329.5	910	50	London, OntLondon Free Press Ptg. Co.			
CJKC	410.7	730	500	Burnaby, B. C Pyramid Temple Society			
CJSC	356.9	840	500	Toronto, OntEvening Telegram			
CJWC	329.5	910	250	Saskatoon, SaskWheaton Electric Co.			
CJYC	291.1	1030	。 500	Scarford Stat. QueDeForest Radio Corp.			
CKAC	410.7	730	1200	Montreal, QueLaPresse Publishing Co.			
CKCD	410.7	730	1000	Vancouver, B. CVancvr. Daily Providence			
CKCK	312.3	960	500	Regina, SaskLeader Publishing Co.			
CKCL	356.9	840	500	Toronto, OntThe Dominion Battery Co.			
CKCO	434.5	690	100	Ottawa, OntDr. G. M. Geldert			
CKCW	329.5	910	5000	Burketon Junction, OntCanadian Broad-			
				casting Corp.			
CKFC	410.7	730	50	Vancouver, B. C 1st Congregational Ch.			

Station	Meters	К. С.	Watts	Location and Owner
CKNC	356.9	840	500	Toronto, OntCanadian Nat. Carbon Co.
CKOC	340.7	880	50	Hamilton, OntWentworth Radio Supply Co.
CKY	384.4	780	400	Winnipeg, ManManitoba Tel. System
CNRA	312.3	960	500	Moncton, N. BCanadian Nat'l. Rys.
CNRC	434.5	690	750	Calgary, AltaCanadian Nat'l. Rys.
CNRE	516.9	580	500	Edmonton, AltaCanadian Nat'l. Rys.
CNRM	410.7	730	1000	Montreal, QueCanadian Nat'l. Rys.
			1650	
CNRO	434.5	690	500	Ottawa, OntCanadian Nat'l. Rys.
CNRR	312.3	960	500	Regina, SaskCanadian Nat'l. Rys.
CNRS	329.5	910	500	Saskatoon, SaskCanadian Nat'l. Rys.
CNRT	356.9	840	500	Toronto, OntCanadian Nat'l. Rys.
CNRV	291.1	1030	500	Vancouver, B. CCanadian Nat'l. Rys.
CNRW	384.4	780	500	Winnipeg, ManCanadian Nat'l. Rys.

CUBAN BROADCASTING STATIONS

Station	Meters	к. с.	Watts	Location and Owner
\mathbf{PWX}	400		500	HabanaCuban Telephone Co.
2FP	355		400	El Pais, Habana
2HP	295		100	HabanaCreditory Construcciones Co.
20K	360		100	HabanaMario Garcia Velez
20L	300		100	HabanaOscar Collado Orta
6BY	300		100	CienfuegosJose Ganduxe
6JK	275		100	Central TuincuFrank H. Jones
			100-	
6KW	340		4000	Central TuincuFrank H. Jones
7SR	350		500	CanqueySalvador Rionda
8BY	250		100	SantiagoAlberto Ravelo

MEXICAN BROADCASTING STATIONS

012	$275 \\ 400$	500	Mexico CityElfrion R. Gomez Mexico CityJose J. Reynosa-El Buen Tono Mexico City_Raoul Azcarraga-Universal-Casa del Radio.
CZE	325 350 490	500	Mexico CityEl Excelsior-Parker Mexico CityDepartmente de Educacion GuadalajaraFederal Military Command

ARGENTINA

LOR 35	0-510	500	Buenos AiresCia Radio Argentina
LOV	350	1000	Buenos AiresF. J. Brusa
LOW	325	1500	Buenos AiresGrand Splendid Theatre

AUSTRALIA

Signal 2BL 2FC 3AR 5CL	Meters 350 1110 480 395	Watts 5000 5000 1600 5000	Melbourne	Location and Owner Broadcasters Ltd. Farmer & Co. Associated Radio Co. Central Broadcasters
			BELGIUM	
	265	1500	Brussels	Radio-Belgique
			BRAZIL	
		6000	Rio de Janeiro	Marconi
			FRANCE	
FP TT YN	$\begin{array}{c} 458\\ 340\end{array}$	500 	Paris Lyons-la-Doua	Superior School French Government
			GERMAN	r
	505418288280470463454485	$1500 \\ 1500 \\ 1500 \\ 1500 \\ 1500 \\ 1500 \\ 1000 \\ $	Breslau Cassel Dresden Frankfort-on-Main Konigsberg Leipzig	Vox Haus Schlesiche Rundfunk Sudwestdeutscher Rundfunk Mitteldeutsche Rundfunk Sudwestdeutsche Rundfunk Ostmarken Rundfunk Mitteldeutsche Rundfunk Deutsche Stunde in Bayern

GREAT BRITAIN

The following stations are operated by the British Broadcasting Company, which holds an exclusive concession from the British Government:

2BD	496	1500	Aberdeen, Scotland
2BE	438		Belfast, Ireland
2 DE	332		Dundee, Scotland
$2\overline{EH}$	326		
$\overline{2LO}$	365	3000	Edinburgh, Scotland
2ZY			London, England
	378		Manchester, England
5IT	480		Birmingham, England
5NG	229		Nottingham, England
5NO	403		Newcastle, England
5SC	422		Glasgow, Scotland
5WA	353		Cardiff, Wales
5XX		$26\bar{0}\bar{0}\bar{0}$	Carum, wates
6BM	000		Daventry, England
	386		Bournemouth, England
6 FL	302		Sheffield, England
$6 \mathrm{KH}$	336		Hull, England
6LV	314		Liverpool, England
6ST	306		Stale on The local distance
	000		Stoke-on-Trent, England

New Superpower Stations are under construction in Mukden, China; San Paulo, Brazil; Moscow, Russia, and Paris, France.

AMERICAN CITIES WITH STATIONS OF 100 WATTS POWER OR MORE

Akron, Ohio Albuquerque, N. M Allentown, Pa Altoona, Pa Amarillo, Texas	WADC	Devenport Jama
Albuquorquo N M	TET D	Davenport, Iowa David City, Neb
Allenform D.		David City, Neb
Allentown, Pa	WSAN	Dayton, Ohio
Altoona, Pa.	WFBG	Dogrhorn Mich
Amarillo, Texas	WDAG, WQAC	Decatur, Ill Deerfield, Ill
Ames, rowa		Deerfield III
Anchorage, Alaska Anita, Iowa	KEOD	Denver, Colo
Anite Town	VET 7	Denver, Colo
Anita, lowa Arlington, Va	IT 13/3	Des Moines. Iowa_
Arington. va.	NAA	Detroit. Mich. WWJ, WMBC. Escanaba, Mich. Evansville. Ind.
Atlanta, GaWGST	, WSB. WDBE	WWJ WMBC.
Atlantic City, N. J	-WHAR, WPG	Escanaba, Mich
Auburn, Ala.	WAPI	Evansville Ind
Austin, Texas	KITT	Everett, Wash
Avalon Calif	KEWO	Fall Diver Mass.
Poltimore MA WDAT	WOLD WEDD	Fall River. Mass
Dattimore. Md WBAL,	WCAU, WEBR	Fayetteville, Ark
Bangor, Mame	WAB1	Plint, Mich
Batavia, Ill.	WORD	Fond Du Lac. W
Bay City, Mich	WSKC	Flint, Mich. Fond Du Lac, W Fort Wayne, Ind Fort Worth, Texas
Bayshore, N. Y	WRST	Fort Worth Toyas
Beaumont, Texas		Freenowt N V
Popuillo Towar	WEDD	Freeport, N. Y Fulford, Fla
Beeville, Texas Beloit, Wis	KFRB	Fultord, Fla.
Beloit, Wis.	WEBW	Galesburg, Ill
Berkeley, Calif. Berrien Springs, Mich. Big Bear Lake, Calif.	KRE	Galesburg, Ill. Gloucester City, N. Grand Forks, N. D. Grand Rapids, Micl
Berrien Springs, Mich	WEMC	Grand Forks, N D
Big Bear Lake, Calif	KFXB	Grand Ranids Mich
Boise, Idaho Boston, Mass. WBZA, WNAB, WS Boundbrook, N. J Bristow, Okla	KEAT	Grove City. Pa
Boston Mass	WEEL WNAC	Hamilton, Ohio
WD7A WNAD WC	OTT WINDLY	Traniton, Ono
Poundbrook N T	SIL.	Harrisburg. Pa
Bonnabrook, N. J.	W.JZ	Hartford, Conn
Bristow, Okla.	KV00	
Brookings, S. D	KFDY	Haverford, Pa
Brooklyn. N. Y	WFRL	Hoboken N. J.
Brownsville, Texas	KWWG	Hollywood Calif
Buffalo, N. Y.	WGR WEBR	Holy City Calif
Bristow, Okla Brookings, S. D Brookings, S. D Brownsville, Texas Burlington, Iowa Burlington, Iowa Canton, N. Y Cazenovia, N. Y Charlotte, N. C WBCN, WEBH, WEBH, W. WFKB, WAAF, W. WSAX, WAAF, W.	WTAS	Hastings, Nebr. Haverford, Pa. Hoboken, N. J. Hollywood, Calif Hong City, Calif Homewood, Ill Honewood, Ill
Burlington, Vormont	WICH Y	Tionelulu Transit
Complem M T	WCAA	rionomini, Flawan
Canden, N. J.	W F BI	Hot Springs. Ark Houghton, Mieh Houston, Texas
Canton, N. Y.	WCAD	Houghton, Mieh
Cazenovia, N. Y.	WMAC	Houston, Texas
Cedar Rapids, Iowa	KWCR. WJAM	
Charlotte, N. C.	WBT	Indianapolis, Ind. Iowa City, Iowa- Ithaca, N. Y. Jacksonville, Fla. Jefferson City, Mo Johnstown, Pa.
Chaftanooga Tenn	WDOD	Lowa City Lowa
Chiaggo III	EVW WDDM	The A N N
WDON WEDT	KIW, WEBM,	Tunaca, N. Y.
WBCN, WEBH,	WGN, WIBO.	Jacksonville, Fla
WMAQ, WMBB, V	VQI. WENR.	Jefferson City, Mo
WSBC, WPCC, V	VLS. WLIB.	Johnstown, Pa.
WFKB, WAAF, W	KBG. WLTS.	
WSAX.		Kansas City Mo
Chickasha Okla	KOCW	Kansas City, Mo WOQ, KWKC, Knoxville, Tenn
Chico Calif	TTIANTT	The second secon
Cincinnati Ohio WTW	NTO AT MITTOO	Knoxville. Tenn
Cincinnati, UnioWLW,	WSAI, WKRC	Lansing, Mich
Clarinda, Iowa	KSO	La Porte, Ind. Laramie, Wyo. La Salle, Ill. Lawrence, Kans. Lawrenceburg, Ten:
Clay Center, Neh	KMMJ	Laramie, Wyo
Clearwater, Fla.	WGHB	La Salle, Ill
Cleveland. OhioW	TAM. WEAR.	Lawrence Kans
WHK. WDBK	,	Lawrenceburg Ton
College Station Taxas	W/TAW	Lawiehung, 101.
WSAX. Chickasha, Okla Chico, Calif Clarinda, Iowa Clay Center, Neh Clearwater, Fla. Cleveland, OhioW WHK, WDBK. College Station. Texas College ville, Minn.	WIND T	Lewisburg, Pa
Colorado Springer Gal	W P 15.J	Lindon, Nebr
Columbia oprings, Colo	KFAF, KFUM	Lockport. N. Y
Columbia, Mo	KFRU	Logansport. Ind
Collegeville, Minn. Colorado Springs, Colo Columbia, Mo. Columbus, Ohio Corvallis, Oregon	WAIU, WEAO.	Lawisburg, Pa. Lacohn, Nebr. Lockport, N. Y. Logansport, Ind. Los Angeles, Calif. KFI, KHJ, KNJ Louisville, KN
Corvallis. Oregon	KOAC	Los Angeles Calif
Council Bluffs, Iowa	KOU	KEI KHI VN
Cranston, R T	WDWF	Louisville Try
Culver Ind	TUTTOT	moundering, My
Dallos Tomas	WDD WHBH	Macon. Ga.
Council Bluffs, Iowa Cranston, R. I Culver, Ind Dallas, Texas Dartmouth, Mass	WER, WEAA	Madison, Wis
Durumouth, Mass	WMAF	Manhattan, Kas

Davenport, Iowa	WOC.
David City, Neb	KEOR
Dayton Ohio	WSME
Deenhern Mich	ALES W SHILL
Dearborn, Mich.	W W 1
Decatur, IIIWJB	L, WBAO
Deerfield, Ill.	WHT
Denver, Colo	TA KLZ
Des Mairos Low	TUR. ITIM
Detailt Montes, Towa	WHU
Detroit. MichWC?	K, WGHP,
WWJ, WMBC.	
Escanaba, Mich.	WRAK
Evansville Ind	WCBF
Everett Weah	TEDY
inverett, wash	KEBL
Fall River. MassWSA	R, WTAB
Fayetteville, Ark	KIIOA
Flint. Mich.	WEDE
Fond Du Lac Wis	KET7
Fout Warne Ind	
Fort wayne, Ind.	wow0
Fort worth, TexasWBA	P, KFQB
Freeport, N. Y.	WGBB
Fulford Fla	WGBU
Galeshurg III	TWD AND
Clonesster Otter M. T	
Groucester City, N. J.	WRAX
Frand Forks, N. D	KFJM
Grand Rapids, MichWBD	C. WOOD
Grove City, Pa	WSAT
Hamilton Ohio	WSBO
Tamiahuan D. TTDA	K. WARD
riarrisourg. PaWBA	K, WPRC
Hartford, Conn	WTIC
Hastings, Nebr	KFKX
laverford Pa	WARO
Hohokon N T	WADQ
Hollyman 1 Calle Trans	WMCA
Honywood, CanrKFW	B. KNRC
Holy City. Calif	KFQU
Homewood. Ill	WOK
Honolulu, Hawaii	KGU
Tot Springs Ark	TATIS
Toughton Mich	NIHO
noughton, Mien	WWAO
louston, Texas	KPRC
udependence, Mo	KLDS
Indianapolis. Ind	WEBM
lowa City Lowa	TTOTT
these N Y	W OUI
chaea. N. I	WEAT
lacksonville. Fla.	WJAX
Jefferson City, Mo	WOS
Johnstown, Pa	WHRP
Coliet III WOT	WEDD
Concos City Mo	N WINDD
WDA	r. whB,
WOQ. KWKC.	
inoxville. Tenn	WNOX
ansing, Mich. WKAI	WREO
a Porte Ind	WDAD
aromio Wwo	WINAP
Jaramie, wyo.	KFBU
la Salle, III.	WJBC
awrence, Kans	KFKU
awrenceburg, Tenn.	WOAN
Awishurg Da	WTDI
ingolu Nohn EELAT	
ALCOID, DEDFKFAF	S, WFAV
Jockport, N. Y.	WMAK
ogansport, Ind	WIBW
ong Beach, Calif	KEON
os Angeles Calif EFDI	KESC
KEI KHI KNY EMDI	EMED
aviaville Ex.	MIIK.
Joursville, Ky	WHAS
acon. Ga	WMAZ
ladison, WisWHA	WIBA
Davenport, Iowa David City, Neb Dayton, Ohio Dearborn, Mich Dearborn, Mich Dearborn, Mich Dearborn, Mich Denver, Colo Denver, Colo Detvoit, Mich WWJ, WMBC WWJ, WMBC Scanabaa, Mich Fort Wayne, Ind Fort Worth, TexasWSA Fayetteville, Ark Fort Worth, TexasWBA Fort Worth, Texas Fort Worth, Texas Fulford, Fla Galesburg, Ill Glauseter City, N. J Grand Rapids. MichWBA Hartford, ConnWBA Hartford, ConnWBA Hartford, Conn Hastings. Nebr Hastings. Nebr Haverford, Pa Hoboken, N. J Hoboken, N. J Hoboken, N. J Hoboken, N. J Hoboken, M. J Hoboken, M. J Hoboken, Texas Udependence, Mo Indianapolis, Ind Constown, Pa Cohnstown, Pa	KSAC
,	ANDALC

Manila, P. I._____KZRQ, KZKZ Mansfield, Conn.______WCAC Wedford Hillside, Mass._____WARC WKAF. WHAD, WSOE, Minneapolis, Minn. WAMD, WHDI, WSCO, WGWY, WLB. Missoula, Mont. KUOM Mooseheart, II. WJJD Mt. Clemens, Mich. WJJM Muscatine, Iowa WJAZ Muscatine, Iowa KTNT Newark, N. J. WBM, WCBQ, WDAD WOR, WNJ. New Beford Macc KFOX, KOCH. Orono, Maine______WGBX Osseo, Wis._____WTAQ Parkersburg, Pa._____WOAA Pasadena, Calif______WOA Paterson, N. J._____WODA Pensacola, Fla______WODA Petoskey, Mich._____WOA Philadelphia, Pa._____WCAU, WFI, WIP, WLIT. WOO, WHBW, WIAD, WIAT, WWAD. Phoenix, Ariz._____KFAD, KFCB WLSI. Pullman, Wash. Raleigh, N. C. Red Bank, N. J. Richmond, Va. WRVA, WBBL, Richmond Hill, N. Y.-WAHG, WWGL, WBOQ, WGMU.

Rochester, N. Y.-----WABO, WHAM, WHEC. WHEC. Rockford, III._______KFLV Rock Island, III.______WHBF Rossville, N. Y._____WHBF Saeramento. Calif._____WBBR St. Louis, Mo._____KFUO, KFVE KSD, KMOX, WEW, KFQA, KFWF, WIL, WMAY, WSBF. St. Paul, Minn._____WCCO Salt Lake City, Utab_____KSL, KFOO, KFUT.____ KFUT. San Antonio, Texas_____WOAI, WCAR San Diego, Calif._____KFWW San Francisco, Calif._____KBWR Sant Juan, P. R._____KGW Schenectady, N. Y._____WGAY Schenectady, N. Y._____WGAY Schenectady, N. Y._____WGAY Schenectady, K.Y. Schenectady, KTCL, KFOA, KJR, KTW, KTCL

 Seattle, Wash______KFOA, KJR, KTW, KTCL,

 KTW, KTCL,

 Shenandoah, Iowa_____KFNF, KMA

 Shreveport, La._____KWKH, KFDX

 South Bend, Ind._____KFMR, WEAH

 South Bend, Ind._____KFIO, KFPY

 South Ban, KHQ, KFIO, KFPY

 South San Francisco______WSBT

 South San Francisco______WSBT

 Spokane, Wash._____KHQ, KFIO, KFPY

 Springfield, Ohio______WCSO

 State College, N. M._____WCSO

 State College, Pa.______KOB

 Superior, Wis._____WFBL

 Superior, Wis.______WEBC

 Syracuse, N. Y_______WBES

 Takoma Park, Md.______WBES

 Tarytown, N. Y.______WDAE

 Tarrytown, N. Y._______WDAE

 Troy, N. Y._______WOAX

 Troy, N. Y._______WBX

 Tuscola, III.________WRM

 Urbana, III.________WRM

 Urbana, III.________WRM

 Valparaiso, Ind._______WBX

 Valparaiso, Ind.________WBAD

 Walla Walla, Wash._______KOWW

 Walla Walla, Wash.________KOWW

 Washington, D. C._______WCAP, WRC.

 WMAL
 WKRE

WMAL. Webster, Mass. West Lafayette, Ind. Wichita, Kansas. Wilkes-Barre, Pa. Wilmigton, Del. Wildington, Del. Wildington, Park, Fla. Worcester, Mass. Yakima, Wash. Yahima, Wash. Yahima, Wash. Yellow Springs, Ohio WCBD

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

CANADIAN CITIES WITH STATIONS OF 100 - WATTS POWER OR MORE

Hamilton, OntCFCU Iroquois Falls, OntCFCH Toronto, OntČFCA, CHIC, CHNC, CJBC, CJSC, CKCL, CKNC, CNRT.	Iroquois Falls, OntCFCH Kingston, OntCFRC Moncton, N. BCNRA Montreal, QuebecCFCF, CHYC, CKAC.	Unity, SaskCHSC Vancouver, B. CCKCD, CNRV Victoria, B. CCFCT
---	--	--

IMPORTANT EVENTS IN RADIO—PEAKS IN THE WAVES OF WIRELESS PROGRESS

(Continued from page 5)

statement that "electrical communication, using this apparatus, might be established between points certainly more than one-half mile apart, but how much farther I can not say." It appeared that Professor Dolbear made an approach to the method that was, subsequently in the hands of Marconi, to be crowned with success.

1883. Fitzgerald suggested a method of producing electromagnetic waves in space by the discharge of a conductor.

1885. Edison, assisted by Gillilaud, Phelps, and Smith, worked out a system of communication between railway stations and moving trains by means of induction and without the use of conducting wires. Edison took out only one patent on long-distance telegraphy without wires. The application was filed May 23, 1885, at the time he was working on induction telegraphy, but the patent (No. 465971) was not issued until December 29, 1891. In 1903 it was purchased from him by the Marconi Wireless Telegraph Co.

Preece made experiments at Newcastle-on-Tyne which showed that in two completely insulated circuits of square form, each side being 440 yards, placed a quarter of a mile apart, telephonic speech was conveyed from one to the other by induction.

1886. Dolbear patented a plan for establishing wireless communication by means of two insulated elevated plates, but there is no evidence that the method proposed by him did, or could, effect the transmission of signals between stations separated by any distance.

1887. Hertz showed that electromagnetic waves are in complete accordance with the waves of light and heat, and founded the theory upon which all modern radio signaling devices are based.

Heaviside established communication by telephonic speech between the surface of the earth and the subterranean galleries of the Broomhill Collieries, 350 feet deep, by laying above and below ground two complete metallic circuits, each about 2¼ miles in length, and parallel to each other. 1889. Thompson suggested that electric waves were particularly suitable for the transmission of signals through fogs and material objects.

1891. Trowbridge suggested that by means of magnetic induction between two separate and completely insulated circuits communication could be effected between distances.

1892. Preece adopted a method which united both conduction and induction as the means of affecting one circuit by the current in another. In this way he established communication between two points on the Bristol Channel and at Lochness in Scotland.

Stevenson, of the Northern Lighthouse Board, Edinburgh, advocated the use of an inductive system for communication between the mainland and isolated lighthouses.

Branly devised an appliance for detecting electromagnetic waves, which was known as a coherer.

1894. Rathenau experimented with a conductive system of wireless telegraphy and signaled through 3 miles of water.

1895. Smith established communication by conduction with the lighthouse on the Fastnet.

Marconi's investigations led him to the conclusion that Hertzian waves could be used for telegraphing without wires.

1896. Marconi lodged his application for the first British patent for wireless telegraphy. He conducted experiments in communicating over a distance of $1\frac{3}{4}$ miles successfully.

The first demonstration of directional wireless using reflectors was given in England. Experiments were conducted to determine the relative speed of propagation of light waves and the electric vibrations which actuated a receiver at a distance of 1 ½ miles between reflectors.

1897. March: Marconi demonstrated communication being established over a distance of 4 miles.

March 17: Balloons were first used for the suspension of wireless aerials.

July 10-18: Marconi maintained communication between the shore and a ship at sea at distances up to 10 miles.

September and October: Apparatus was erected at Bath, England, and signals received from Salisbury, 34 miles distant.

November 1: First Marconi station erected at the Needles, Alum Bay, Isle of Wight. Experiments were conducted covering a range of 14½ miles.

December 6: Signals transmitted from shore to a ship at sea, 18 miles distant.

December 7: First floating wireless station was completed.

1898. June 3: The first paid radiogram was transmitted from the Needles (Isle of Wight) station.

(To be continued.)

LIST OF STATIONS BY WAVE LENGTHS

It is unusual, with most sets, to pick up distant stations of less than 100 watts power. To prevent this list from becoming too bulky, stations of less than 100 watts power are not included.

	Wave Length	Freq. Kilo	Station	D No. 1	ial Setti No. 2	ng No. 3
Đ	545.1	550	KFUO, KSD			
Ę	535.4	560	KYW, WHA	84	88	89
Ę	52 6	570	WHO, WNYC, WOAW			90
ł	516.9	580	WCX, WJR, CFCK, CJCA, CNRE		_42_	./
5	08.2	590	KLX, WIP, WOO	2%_	_51_	83
4	99.7	600	KFRU, WMC, CFCH			
4	95.1	610	KGW, WEAF	21_	242	25-
4	83.6	620	WOC, WSUI		6	
4	75.9	630	WBAP, WFAA, WTIC	65	-18-	20
4	68.5	640	KFI, WCAP, WRC			
4	61.3	650	WCAE			
4	54.3	660	KFOA, KTW, WJZ	Sla	63.	63
	47.5	670	WMAQ, WQJ			
4	40.9	680	WOS, KLDS, WDWF, WLSI,	1		
			WMAF	-3E	-60-	02
	34.9	690	NAA, CFAC, CFCN, CHXC, CKCO, CNRC, CNRO	54	.57	51
	28.3	700	KPO, WSB			
	22.3	710	WKRC, WLW	50	-54	5%
_	16.4	720	WCCO			
4	10.7	730	CFCF, CFCQ, CFYC, CJKC, CKAC, CKCD, CNRM	46	50	52
_	05.2	740	KHJ, WJY, WOR			
	99.8	750	WHAS, WHT	43	49	
	94.5	760	WFI, WLIT, WOAI	42	46	46
	39.4	770	WEAR, WTAM	36	45	45
	34.4	780	KJR, WMBF, CKY, CNRW	38	_43_	43
	79.5	790	WGY, WHAZ	38.	-43	43
	74.8	800	KTHS KVOO			4
	70.2	810	WEBH, WJJD	-23-	26	262
36	35.6	820	WDAF, WHB			

Wave	Freq.		Di	al Settir	
Length	Kilo	Station	No. 1	No. 2	
361.2	830	,	34	-39-	12-
360	835	WQAO			
356.9	840	CFCA, CHIC, CHNC, CHSC, CJBC, CJSC, CKCL, CKNC, CNRT			
352.7	850	WJAD, WWJ			
348.6	860	KOB, KWSC, WEEI	33-	36-	37-
344,6	870	WCBD, WLS			
340.7	880	KFAB, KSAC, WKAQ, WMCA, CFCU	31	34	35
336.9	890	KFMX, KNX, WCAL, WJAX			
333.1	900	WBZ	-30-	-33	33
329.5	910	CFCT, CFQC, CHUC, CJWC, CKCW, CNRS			
325.9	920	WSAI, WKRC			
322.4	930	KOA, WJAZ			
319.5	940	WGR, WSMB			
315.6	950	KFDM, KPSN, WAHG, WGBS_	22	-2.7-	30
312.3	960	CKCK, CNRA, CNRR	1.1.1		
309.1	970	КДҚА	25	28	2.1.
305.9	980	KTCL, WJAR	2.5	-2-8	28_
302.8	990	WGN, WLIB			
299.8	1000	KSL, KUOA, WPG	-2-4-	2.7-	24-
296.9	1010	KPRC			48
293.9	1020	KTBI, WAIU, WEAO	43	418	4.8
291.1	1030	CJYC			
288.3	1040	KFKX, WLWL			-77
285.5	1050	WEMC, WKAR, WREO	10-	24	24_
282.8	1060	WOAN, WSM	10		
280.2	1070	KFAU, KMOX, KOAC, WNAC-	_18	22	22
278	1080	KFJM, KOIL, KWCR, KWWG, WAAF, WAAW, WABO, WCAU, WFBG, WGBU, WHAM, WHDI, WLB, WLBL, WOQ, WRBC			
275	1090	KFKU, KFSG, KQV, WAFD, WBAK, WBT, WCAC, WCAO, WEAU, WFAV, WHAD, WHAR, WJAS, WKY, WORD, WSBT, WSMK, WSWS, WWL			

o. 3
21
20
~ = _
12
st2
5
1.8
4
7_
2

WANTED: Agents to sell subscriptions to Stevenson's Bulletin of Radio Broadcasting Stations. Commissions and prizes paid. For details write National Publishing Company, 1222 H Street, N. W., Washington, D. C.

	Freq.			al Settir	
Length		Station	No. 1	No. 2	No. 3
246	1220	KFVW, WABX, WBAL, WRR, WSOE	12	15	16
244	1230	KUOM, WAMD, WATT, WEBR, WGBB, WNAX, WRAM			
242	1240	KSO, WBZA, WEBC, WOOD, WWAE	-×	_]/	11
240	1250	KFVE, KFUM, KTAB, KZM, WABI, W D B O, W H A P, WOAX			
238	1260	KFCB, KFWU, KMTR, WBBT, WHT			
236	1270	KFOO, KWKC, WBOQ, WCBQ, WFBI, WFBJ, WGBF, WGNU, WIBA, WRMU		¥	
234	1280	WFDF, WJBC, WQAC			
233	1290	KFON			
231	1300	KFPR, KQW, KUT, WBRE, WKBE			
228.9	1310	KFLV, KMMJ, WBBL, WSAJ, WSAN			
227.1	1320	KFQD, WDBK, WOWO			
22 6	1330	KFOR, KFWI, WBBM, WDAD, WEBL, WIBO	-10-		13
224	1340	KFBL, WODA, WRAF			
222	1350	KZRQ, WBES, WCOA, WHBF, WHBH			
220	1360	WIBW, WQAA			
218.8	1370	WJBI	4	8	9
217.3	1380	KFQU, WFKB, WOK			
215.7	1390	WHBW, WKBG, WPRC, WRST			
214.2	1400	KFWF, WCLS, WKBB			
212.6	1410	KQP, WMAL, WWGL			
211.1	1420	KFWO			
209.7	1430	KSMR, WBNY, WCBR, WCWS, WSBC			
208.2	1440	KNRC			
206.8	1450	KFWM			
205.4	1460	WFRL, WIBX			
202.6	1480	KFXB			





The Crosley 4-tube—4-29

The Crosley 5-tube-5-38

The Crescendon

In the 4-29 and the 5-38, the introduction of the Crescendon enables these two highly efficient radios to give almost unbelievable results and has lifted them away and beyond all competition.

The Crescendon is an exclusive Crosley device for increasing the weak signals of distant stations to full volume tones without distortion. Yet with these sets, loud nearby stations can always be softened practically to whispers.

Their striking beauty will please your eye, and your ear will introduce to you new qualities in radio, which you are sure to pronounce a revelation.

Crosley manufactures radio receiving sets which are licensed under Armstrong U.S. Patent No. 1, 113, 149, or under patent applications of Radio Frequency Laboratories, Inc.

THE CROSLEY RADIO CORPORATION Powel Crosley, Jr., President CINCINNATI, OHIO

Owning and Operating WLW, first remote control super-power broadcasting station in America



for the Entertainment Corner