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Stevenson's

BULLETIN

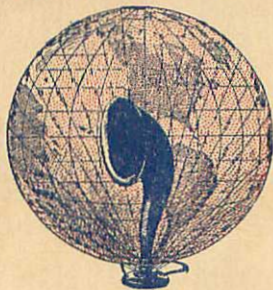
OF

RADIO

BROADCASTING

STATIONS

*COMPLETE
UP-TO-DATE
LISTING
MONTHLY*



*COVERS
THE
ENTIRE
WORLD*

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

BROADCASTING STATION SLOGANS

(A page of station slogans will be a regular feature each month)

| | |
|------|--|
| KFXF | The Pikes Peak Station. |
| KFXH | The Voice of the Rio Grande. |
| KGB | This is KGB in Tacoma, Wash., the Lumber Capital of America and the Gateway to Mount Tacoma. |
| KGW | KGW Keep Growing Wiser. |
| KGY | Out Where the Cedars Meet the Sea. |
| KHJ | Kindness, Happiness, Joy. |
| KJBS | Royal Order Smoked Herring. |
| KJR | Radio Headquarters. |
| KMOX | Voice of St. Louis. |
| KPO | The City by the Golden Gate. |
| KPRC | Kotton Port Rail Center. |
| KQP | Hood River Apples from Portland, Oreg. |
| KTCL | Know the Charmed Land. |
| KTHS | Kum to Hot Springs. |
| KTW | Hear Ye, Hear Ye, the Gospel. |
| KUO | The Voice of the West. |
| KUSD | South Dakota University for South Dakotans. |
| KWG | Voice of the San Joaquin Valley. |
| KWKC | Keep Watching Kansas City. |
| KWWG | Kum to the World's Winter Garden. |
| KZRO | Radio Manila. |
| WAAW | Where Agriculture Accumulates Wealth. |
| WABY | Quaker City Sleep Dodgers. |
| WABZ | The Station with a Message. |
| WAFD | Gateway to the Great Lakes. |
| WAHG | Wait and Hear Grebe. |
| WAMD | The Voice of the Great Northwest. |
| WBAR | The Station of Northern Wisconsin. |
| WBAV | We Broadcast a Variety. |
| WBAX | In Wyoming Valley, Home of the Anthracite. |
| WBBM | World's Best Broadcasting Medium. |
| WBBS | The Gospel Wave. |
| WBBW | The School You'd Like to Go to. |
| WBCN | World's Best Community Newspaper. |
| WCAC | From the Nutmeg State. |
| WCAD | The Voice of the North Country. |
| WCAL | The College on the Hill. |
| WCAO | The People's Store. |
| WCAB | Royal Order of Prevaricators. |
| WCAX | The Voice of the Green Mountains. |
| WCBD | Where God Rules. |
| WCBE | Second Port in U. S. A. |
| WCCO | Service to the Northwest. |
| WCLS | Will County's Largest Store. |
| WDAD | The Athens of the South. |
| WDAG | Where Dollars Always Grow. |
| WDAY | The Biggest Little City in the World. |
| WDBE | We Distribute Better Equipment. |
| WDBJ | Roanoke, Down in Old Virginia. |
| WDBO | Wander Down by Orlando. |
| WDOD | Wonderful Dynamo of Dixie. |
| WDWF | Quality First. |
| WEAF | The Voice of the Millions. |
| WEAM | America's Pioneer Municipal Broadcasting Station. |
| WEAR | Goodyear Tires WEAR. |
| WEAU | The Heart of the Corn Belt. |
| WEBA | Wonderful Evenings by Air WEBA. |
| WEBH | The Voice of the Great Lakes. |
| WEBK | The Furniture Capital of America. |
| WEBQ | Bluebird Station. |
| WEBR | We Extend Buffalo's Regards. |
| WEBT | Worth Effort Brings Triumph. |

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THOMAS STEVENSON, Editor
W. W. RAPLEY, Treasurer and Business Manager

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CONTENTS

| | Page |
|---|------|
| Radio Progress During 1925..... | 3 |
| International Broadcast Tests..... | 4 |
| Broadcasting Station Notes..... | 5 |
| Broadcasting Station Changes..... | 6 |
| List of American Stations..... | 7 |
| List of Canadian Stations..... | 22 |
| List of Cuban and Mexican Stations..... | 23 |
| Foreign Broadcasting Stations..... | 24 |
| List of Cities Having Stations..... | 25 |
| Distance Chart | 29 |
| List of Stations by Wave Lengths..... | 30 |

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**STEVENSON'S BULLETIN OF RADIO BROAD-
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RADIO PROGRESS DURING 1925

By Dr. J. H. DELLINGER,

Chief Radio Laboratory, Bureau of Standards

Achievements in radio during 1925 can be summarized by the statement that it was the year in which radio became grown-up. The whole atmosphere of wonder and mystery was replaced during the year by definite engineering evaluation of radio's possibilities and achievements.

The outstanding progress was on two main lines; the evolution of broadcasting, and the advances in the understanding of wave propagation. Under the first head, this year definitely marks the time when broadcasting became established as a definite service instead of as a novelty.

Besides the evolution of programs of an exceptionally high standard, this progress was marked by the introduction of high power broadcasting and interconnection of stations as a routine everyday procedure. The principle of limitation of the number of stations adopted at the Fourth National Radio Conference definitely clinched the position of broadcasting as a service in which the public interest is paramount. The utilization of the whole broadcasting system has been markedly advanced this year by the improvement of receiving sets, particularly in respect to quality, and also as to selectivity and the introduction of uni-control and alternating-current power supply.

The other great development, increased knowledge of wave propagation, has come about through a number of outstanding contributions to the theory of the subject and extensive experimental work, including transmission experiments and programs of measurement. While heretofore the whole progress of the radio waves between transmitter and receiver was unknown, there is now the beginning of definite knowledge of the vagaries of the waves and how they are produced. This advance in knowledge has been accompanied by the utilization of a much wider part of the spectrum of radio frequencies, particularly the high frequencies or short waves which are now employed on a regular engineering basis.

ARRANGEMENTS NEAR COMPLETION FOR INTERNATIONAL TESTS

American Stations to Transmit 10 to 11 p. m., Eastern Standard Time, While Foreign Stations Will Be on Air From 11 Until Midnight

Under the direction of Arthur H. Lynch, editor of RADIO BROADCAST, arrangements are about completed for the third International Broadcast Tests, which will take place during the last week of January.

American, Canadian, Mexican and Cuban broadcasters will transmit from 10 to 11 p. m., Eastern Standard Time, beginning on the evening of January 24 (Sunday) and running throughout the week. English and Continental broadcasting stations will be on the air during the same week from 11 to 12 p. m., Eastern Standard Time.

It is probable that on Friday night American listeners will have the opportunity of sharing in a most unusual broadcast experiment. During the first fifteen minutes of the American transmitting period, broadcasters in the Eastern time zone will broadcast while all other North American stations are silent. During the second fifteen minutes stations in the Central time zone will send while all others are silent. During the third fifteen minute period all the broadcasters in the Mountain time belt will be on the air while other stations will be silent. During the last fifteen minute period stations in the Pacific time belt will send out their programs under the same conditions.

It is expected that British and Continental stations will during their transmitting period on the next to the last night engage in a similar north and south broadcasting experiment of the test. The transmissions for the first fifteen minute period will begin with English stations in the Greenwich Mean Time zone and progress across the Continent, if present plans go through.

On the final night of the test British and Continental stations are expected to engage in a north and south broadcasting test,

(Continued on Page 27)

BROADCASTING STATION NOTES

WJZ, New York, estimates that it broadcasts nine hours of dance music each week, which gives the radio listener a little over an hour of dancing a day from this station.

"Many people have an idea that radio experimenting will soon stop," said Hugo Gernsback, Editor of RADIO NEWS, in a recent speech through WRNY. "The argument is that everybody will own a factory-made set and then there will be no reason for experimenting. I emphatically disagree with these good people; radio experimenting will increase rather than decrease. There will always be the lure of new things to be tried out. During the next three years radio television will come to the front. Just think what a radio paradise this new art will open up to all radio experimenters. Many people, even though they own expensive radio sets, will certainly wish to attach a television apparatus to them. And we are much nearer to this phase of radio than most people think."

KFI, Los Angeles, believes that a mysterious radio sense is being developed in the radio audience. It is well known that the deprivation of one of the senses serves to sharpen and make more acute those remaining. Radio listeners, blind so far as viewing radio entertainers is concerned, are developing an uncanny perception which is fed through the ear.

In proof of its belief, KFI has hundreds of letters from distant points in which graphic word pictures of its announcers are given. In nearly every instance almost perfect descriptions are given of men never seen.

Two chattering macaws, whose sense of propriety is not all that could be desired, have been responsible for the broadcasting by Station WRC, Washington, of a picturesque flow of profanity on several occasions during the past year. Fortunately, however, for the listeners in the United States, the birds know but one language, Portuguese, and confine their swearing to their native tongue.

That the macaws' profanity was making its way through the microphone was learned when several inquiries were made to

(Continued on page 28)

STATION CHANGES

Five stations were licensed during December to operate experimentally. Twenty-one stations were discontinued during the month.

NEW STATIONS

| | |
|-------------------------|---------------------------|
| WJAX Jacksonville, Fla. | KFXR Oklahoma City, Okla. |
| KMMJ Clay Center, Nebr. | WAGM Royal Oak, Mich. |
| WDAH El Paso, Texas. | |

STATIONS DISCONTINUED

| | |
|------------------------|------------------------|
| KFAW Santa Ana, Calif. | WCAH Columbus, Ohio. |
| KFGX Orange, Texas. | WCUW Worcester, Mass. |
| KFIO Spokane, Wash. | WDBQ Salem, N. J. |
| KFKQ Conway, Ark. | WEBT Dayton, Ohio. |
| KFQC Taft, Calif. | WHAG Cincinnati, Ohio. |
| KFQT Denison, Texas. | WHBR Cincinnati, Ohio. |
| KFVU Eureka, Calif. | WJD Granville, Ohio. |
| KFVX Bentonville, Ark. | WOAC Lima, Ohio. |
| KOP Detroit, Mich. | WQAC Amarillo, Texas. |
| WAAC New Orleans, La. | WRHF Washington, D. C. |
| WBBA Newark, Ohio. | |

POWER INCREASES DURING THE MONTH

| | |
|----------------------|---------------------|
| WJJD to 1,000 watts. | KPRC to 750 watts. |
| WMAQ to 1,000 watts. | WHT to 2,500 watts. |
| KFQB to 1,000 watts. | WKAF to 500 watts. |

WGN, Chicago, and WJJD, Mooseheart, have exchanged wave lengths. WGN is now on 303 meters and WJJD on 370 meters.

KFQB, Ft. Worth, transferred to class B and increased its power to 1,000 watts.

KFDJ changed its call signal to KOAC.

WEAH changed its call signal to KFH.

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

AMERICAN STATIONS

| Station | Owner and Location | Wave Length Meters | Power Watts |
|---------|---|--------------------------|----------------|
| KDKA | Westinghouse E. & M. Co., Pittsburgh, Pa. | 309 | 10,000 |
| KDLR | Radio Elec. Co., Devils Lake, N. D. | 231 | 5 |
| KDPM | Westinghouse E. & M. Co., Cleveland, Ohio | 250 | 500 |
| KDYL | Newhouse Hotel, Salt Lake City, Utah | 246 | 50 |
| KDZB | F. E. Seifert, Bakersfield, Calif. | 210 | 100 |
| KFAB | Nebraska Buick Auto Co., Lincoln, Nebr. | 341 | 1,000 |
| KFAD | Electrical Equipment Co., Phoenix, Ariz. | 273 | 100 |
| KFAF | A. E. Fowler, San Jose, Calif. | 217 | 50 |
| KFAJ | University of Colorado, Boulder, Colo. | 261 | 100 |
| KFAU | Ind. School Dist. of Boise, Boise, Idaho | 280 | 750 |
| KFBB | F. A. Buttrey Co., Havre, Mont. | 275 | 50 |
| KFBC | W. K. Azbill, San Diego, Calif. | 224 | 10 |
| KFBG | 1st Presbyterian Church, Tacoma, Wash. | 250 | 50 |
| KFBK | Kimball Upson Co., Sacramento, Calif. | 248 | 100 |
| KFBL | Leese Bros., Everett, Wash. | 224 | 100 |
| KFBS | School Dist. No. 1, Trinidad, Colo. | 238 | 15 |
| KFBU | Bishop N. S. Thomas, Laramie, Wyo. | 270 | 500 |
| KFCB | Nielson Radio Co., Phoenix, Ariz. | 238 | 100 |
| KFCF | F. A. Moore, Walla Walla, Wash. | 256 | 100 |
| KFDD | St. Michaels Cathedral, Boise, Idaho | 278 | 50 |
| KFDM | Magnolia Pet. Co., Beaumont, Texas | 316 | 500 |
| KFDX | 1st Baptist Church, Shreveport, La. | 250 | 100 |
| KFDY | State College of Agri., Brookings, S. D. | 273 | 100 |
| KFDZ | H. O. Iverson, Minneapolis, Minn. | 231 | 10 |
| KFEC | Meier & Frank Co., Portland, Oreg. | 248 | 50 |
| KFEL | Winner Radio Corp., Denver, Colo. | 254 | 50 |
| KFEQ | J. L. Scroggin, Oak, Nebr. | 268 | 500 |
| KFEY | Bunker Hill & Sullivan, Kellog, Idaho | 233 | 10 |
| KFFP | 1st Baptist Church, Moberly, Mo. | 242 | 50 |
| KFGC | Louisiana State Univ., Baton Rouge, La. | 268 | 100 |
| KFGH | Leland Stanford Junior Univ., Stanford Univ., Calif. | 270 | 500 |
| KFGQ | Crary Co., Boone, Iowa | 226 | 10 |
| KFH | Hotel Lassen, Wichita, Kans. | 268 | 50 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| KFHA | Western State College, Gunnison, Colo.---- | 252 | 50 |
| KFHL | Penn College, Oskaloosa, Iowa.----- | 240 | 10 |
| KFI | E. C. Anthony, Inc., Los Angeles, Calif.--- | 469 | 3,000 |
| KFIF | Benson Institute, Portland, Oreg.----- | 248 | 100 |
| KFIQ | 1st Methodist Church, Yakima, Wash.---- | 256 | 100 |
| KFIU | Alaska Elec Co., Juneau, Alaska.----- | 226 | 10 |
| KFIZ | Daily Commonwealth, Fond du Lac, Wis.--- | 273 | 100 |
| KFJB | Marshall Elec. Co., Marshalltown, Iowa--- | 248 | 10 |
| KFJC | R. B. Fegan, Junction City, Kans.----- | 219 | 10 |
| KJFF | National Radio Co., Oklahoma City, Okla.--- | 261 | 500 |
| KFJI | Liberty Theatre, Astoria, Oreg.----- | 246 | 10 |
| KFJM | University of N. D., Grand Forks, N. D.--- | 278 | 100 |
| KFJR | Ashley C. Dixon & Son, Portland, Oreg.--- | 263 | 50 |
| KFJX | State Teachers College, Cedar Falls, Iowa--- | 258 | 50 |
| KFJY | Tunwall Radio Co., Ft. Dodge, Iowa.----- | 246 | 50 |
| KFJZ | Southwestern Baptist Theo. Seminary, Ft. Worth, Texas.----- | 254 | 50 |
| KFKA | State Teachers College, Greeley, Colo.---- | 273 | 50 |
| KFKU | University of Kansas, Lawrence, Kans.--- | 275 | 500 |
| KFKX | Westinghouse E. & M. Co., Hastings, Nebr.--- | 288 | 5,000 |
| KFKZ | F. M. Henry, Kirksville, Mo.----- | 226 | 10 |
| KFLR | University of N. M., Albuquerque, N. M.--- | 254 | 100 |
| KFLU | San Benito Radio Club, San Benito, Texas--- | 236 | 10 |
| KFLV | Swedish Evangelist Church, Rockford, Ill.--- | 229 | 100 |
| KFLX | George R. Clough, Galveston, Texas.----- | 240 | 10 |
| KFLZ | Atlantic Auto Co., Atlantic, Iowa.----- | 273 | 100 |
| KFMQ | Univ. of Ark., Fayetteville, Ark.----- | 300 | 750 |
| KFMR | Morningside College, Sioux City, Iowa.--- | 261 | 100 |
| KFMW | M. G. Sataren, Houghton, Mich.----- | 263 | 50 |
| KFMX | Carleton College, Northfield, Minn.----- | 337 | 500 |
| KFNF | Henry Field Seed Co., Shenandoah, Iowa--- | 263 | 500 |
| KFOA | Rhodes Company, Seattle, Wash.----- | 454 | 1,000 |
| KFOB | Chamber of Commerce, Burlingame, Calif.--- | 226 | 50 |
| KFON | Echophone Radio Shop, Long Beach, Calif.--- | 233 | 500 |
| KFOO | Latter Day Saints University, Salt Lake City, Utah ----- | 236 | 250 |
| KFOR | David City Tire & Elec. Co., David City, Nebr. ----- | 226 | 100 |
| KFOS | Moberly High School, Moberly, Mo.----- | 242 | 10 |
| KFOT | College Hill Radio Club, Wichita, Kans.--- | 231 | 50 |

| Station | Owner and Location | Meters | Watts |
|---------|---|--------|-------|
| KFOX | Technical High School, Omaha, Nebr..... | 248 | 100 |
| KFOY | Beacon Radio Service, St. Paul, Minn..... | 252 | 50 |
| KFPL | C. C. Baxter, Dublin, Texas..... | 252 | 15 |
| KFPM | New Furniture Co., Greenville, Texas..... | 242 | 10 |
| KFPR | Forestry Department, Los Angeles, Calif.. | 231 | 500 |
| KFPW | St. John's Church, Cartersville, Mo..... | 258 | 20 |
| KFPY | Symonds Investment Co., Spokane, Wash.. | 266 | 100 |
| KFQA | The Principia, St. Louis, Mo..... | 261 | 100 |
| KFQB | Searchlight Publish'g Co., Ft. Worth, Tex.. | 263 | 1,000 |
| KFQP | G. S. Carson, Jr., Iowa City, Iowa..... | 224 | 10 |
| KFQU | W. R. Riker, Alma, Calif..... | 217 | 100 |
| KFQW | F. C. Knierim, North Bend, Wash..... | 216 | 50 |
| KFQZ | Taft Products Co., Hollywood, Calif..... | 226 | 50 |
| KFRB | Hall Bros., Beeville, Texas..... | 248 | 250 |
| KFRC | City of Paris, San Francisco, Calif..... | 268 | 50 |
| KFRM | Jas. P. Boland, Ft. Sill, Okla..... | 242 | 50 |
| KFRU | Stephens College, Columbia, Mo..... | 500 | 500 |
| KFRW | United Churches, Olympia, Wash..... | 219 | 50 |
| KFRY | College of Agriculture, State College, N.M. | 266 | 50 |
| KFSG | Echo Park Evangelistic Ass'n, Los Angeles, Calif. | 275 | 500 |
| KFUJ | Hoppert P. & H. Co., Breckenridge, Minn. | 242 | 50 |
| KFUL | T. Goggan & Bro., Galveston, Texas..... | 258 | 50 |
| KFUM | W. D. Corley, Colorado Springs, Colo..... | 242 | 100 |
| KFUO | Concordia Theo. Seminary, St. Louis, Mo.. | 545 | 500 |
| KFUP | Fitzsimons General Hospital, Denver, Colo. | 234 | 50 |
| KFUR | Peery Building Co., Ogden, Utah..... | 224 | 50 |
| KFUS | Louis L. Sherman, Oakland, Calif..... | 256 | 50 |
| KFUT | University of Utah, Salt Lake City, Utah.. | 261 | 100 |
| KFUU | Colburn Radio Lab., Oakland, Calif..... | 220 | 50 |
| KFVD | Chas. & W. J. McWhinnie, San Pedro, Calif. | 205 | 50 |
| KFVE | Film Corporation, St. Louis, Mo..... | 240 | 500 |
| KFVG | First M. E. Church, Independence, Kans.. | 236 | 10 |
| KFVH | Herbert Whan, Manhattan, Kans..... | 219 | 15 |
| KFVI | 56th Cavalry Brigade, Houston, Texas... | 240 | 10 |
| KFVN | Carl E. Bagley, Welcome, Minn..... | 227 | 50 |
| KFVR | Moonlight Ranch Broadcasting Station, Denver, Colo. | 244 | 50 |
| KFVS | Cape Girardeau Battery Station, Cape Girardeau, Mo. | 224 | 50 |

| Station | Owner and Location | Meters | Watts |
|---------|---|--------|-------|
| KFVW | Airfan Radio Corp., San Diego, Calif.----- | 246 | 500 |
| KFVY | Radio Supply Co., Albuquerque, N. M.---- | 250 | 10 |
| KFWA | Browning Bros. Co., Ogden, Utah----- | 261 | 500 |
| KFWB | Warner Bros. Pictures, Inc., Hollywood, Calif. ----- | 252 | 500 |
| KFWC | L. E. Wall, Upland, Calif.----- | 211 | 50 |
| KFWF | St. Louis Truth Center, St. Louis, Mo.---- | 214 | 250 |
| KFWH | F. Wellington Morse, Jr., Chico, Calif.--- | 254 | 100 |
| KFWI | Radio Entertainments, Inc., South San Francisco, Calif.----- | 226 | 500 |
| KFWM | Oakland Educational Soc., Oakland, Calif. | 207 | 500 |
| KFWO | Lawrence Mott, Avalon, Calif.----- | 211 | 250 |
| KFWP | Rio Grande Radio Supply, Brownsville, Tex. | 214 | 10 |
| KFWU | Louisiana College, Pineville, La.----- | 238 | 100 |
| KFWV | Wilbur Jerman, Portland, Oreg.----- | 213 | 50 |
| KFXB | Bertram O. Heller, Big Bear Lake, Calif.--- | 203 | 500 |
| KFXC | Santa Maria Valley R. R. Co., Santa Maria, Calif. ----- | 210 | 100 |
| KFXD | L. H. Strong, Logan, Utah----- | 205 | 10 |
| KFXE | Elec. Research & Mfg. Co., Waterloo, Iowa | 236 | 10 |
| KFXF | W. D. Pyle, Colorado Springs, Colo.----- | 250 | 500 |
| KFXH | Bledsoe Radio Co., El Paso, Tex.----- | 242 | 50 |
| KFXJ | Mountain States Radio (Portable), Colo.--- | 216 | 10 |
| KFXM | Neches Elec. Co., Beaumont, Texas----- | 227 | 10 |
| KFXR | Classen Film Finish'g Co., Okla. City, Okla. | 214 | 15 |
| KFYX | Mary M. Costigan, Flagstaff, Ariz.----- | 205 | 50 |
| KFYF | Carl's Radio Den, Oxnard, Calif.----- | 205 | 10 |
| KFYJ | Houston Chronicle, Houston, Tex. (Port- able) ----- | 238 | 10 |
| KFYR | Hoskins Meyer, Inc., Bismarck, N. D.---- | 248 | 10 |
| KGB | The Ledger, Tacoma, Wash.----- | 250 | 100 |
| KGO | General Electric Co., Oakland, Calif.----- | 361 | 4,000 |
| KGTT | Glad Tidings Tabernacle, San Francisco, Calif. ----- | 207 | 50 |
| KGU | M. A. Mulrony, Honolulu, Hawaii----- | 270 | 500 |
| KGW | The Oregonian, Portland, Oreg.----- | 492 | 500 |
| KGY | St. Martin's College, Lacey, Wash.----- | 246 | 50 |
| KHJ | The Times, Los Angeles, Calif.----- | 405 | 500 |
| KHQ | Louis Wasmer, Spokane, Wash.----- | 273 | 500 |
| KJBS | J. Brunton & Sons Co., San Francisco, Calif. ----- | 220 | 5 |
| KJR | Northwest Radio Co., Seattle, Wash.----- | 384 | 1,000 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| KLDS | Reorganized Church of Jesus Christ of Latter Day Saints, Independence, Mo. | 441 | 1,000 |
| KLS | Warner Bros. Radio Co., Oakland, Calif. | 252 | 250 |
| KLX | The Tribune, Oakland, Calif. | 508 | 500 |
| KLZ | Reynolds Radio Co., Denver, Colo. | 266 | 250 |
| KMA | May Seed & Nursery Co., Shenandoah, Ia. | 252 | 500 |
| KMJ | Fresno Bee, Fresno, Calif. | 234 | 50 |
| KMMJ | M. M. Johnson Co., Clay Center, Neb. | 229 | 500 |
| KMO | Love Elec. Co., Tacoma, Wash. | 250 | 100 |
| KMOX | St. Louis, Mo. | 261 | 1,000 |
| KMTR | Oliver S. Garretson & K. M. Turner, Los Angeles, Calif. | 238 | 500 |
| KNRC | C. B. Juneau, Hollywood, Calif. | 208 | 250 |
| KNX | The Express, Los Angeles, Calif. | 337 | 500 |
| KOA | General Electric Co., Denver, Colo. | 322 | 5,000 |
| KOAC | Oregon Agri. Col., Corvallis, Ore. | 280 | 500 |
| KOB | College of Agri. & Mech. Arts, State College, N. M. | 349 | 1,000 |
| KOCH | Omaha Central High School, Omaha, Nebr. | 258 | 250 |
| KOCW | Okla. College for Women, Chickasha, Okla. | 252 | 200 |
| KOIL | Monarch Mfg. Co., Council Bluffs, Ia. | 278 | 500 |
| KPO | Hale Brothers, San Francisco, Calif. | 428 | 1,000 |
| KPPC | Pasadena Pres. Church, Pasadena, Calif. | 229 | 50 |
| KPRC | Houston Printing Co., Houston, Texas | 297 | 750 |
| KPSN | Pasadena Star-News, Pasadena, Calif. | 316 | 1,000 |
| KQP | H. B. Read, Portland, Ore. | 213 | 500 |
| KQV | Doubleday Hill Elec. Co., Pittsburgh, Pa. | 275 | 500 |
| KQW | First Baptist Church, San Jose, Calif. | 231 | 500 |
| KRE | The Gazette, Berkeley, Calif. | 256 | 100 |
| KSAC | Kans. State Agri. Col., Manhattan, Kans. | 341 | 500 |
| KSD | The Post Dispatch, St. Louis, Mo. | 545 | 500 |
| KSL | Radio Serv. Corp., Salt Lake City, Utah | 300 | 1,000 |
| KSO | A. A. Berry Seed Co., Clarinda, Iowa | 242 | 500 |
| KTAB | Tenth Ave., Bapt. Church, Oakland, Calif. | 240 | 1,000 |
| KTBI | Bible Inst., Los Angeles, Los Angeles, Cal. | 294 | 750 |
| KTBR | Brown's Radio Shop, Portland, Oreg. | 263 | 50 |
| KTCL | Am. Radio Tel. Co., Seattle, Wash. | 306 | 1,000 |
| KTHS | New Arlington Hotel, Hot Springs, Ark. | 375 | 500 |
| KTNT | N. Baker, Muscatine, Iowa | 256 | 500 |
| KTW | 1st Presbyterian Church, Seattle, Wash. | 454 | 1,000 |
| KUO | Examiner Prtg. Co., San Francisco, Calif. | 250 | 150 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| KUOM | State Univ. of Montana, Missoula, Mont. | 244 | 250 |
| KUSD | University of S. D. Vermillion, S. D. | 278 | 100 |
| KUT | University of Texas, Austin, Tex. | 231 | 500 |
| KVOO | Voice of Oklahoma, Bristow, Okla. | 375 | 1,000 |
| KWCR | H. F. Paar, Cedar Rapids, Iowa | 278 | 500 |
| KWG | Portable Wireless Tel. Co., Stockton, Calif. | 248 | 50 |
| KWKC | Wilson Duncan Studios, Kansas City, Mo. | 236 | 100 |
| KWKH | W. K. Henderson I. W. & S. Co., Kennon-wood, La. | 261 | 500 |
| KWSC | State College, Pullman, Wash. | 349 | 500 |
| KWUC | Western Union College, Lemars, Ia. | 252 | 50 |
| KWWG | City of Brownsville, Brownsville, Texas | 278 | 500 |
| KYW | Westinghouse E. & M. Co., Chicago, Ill. | 535 | 2,000 |
| KZKZ | Electric Supply Co., Manila, P. I. | 270 | 100 |
| KZM | P. D. Allen, Oakland, Calif. | 240 | 100 |
| KZRQ | Far Eastern Radio, Inc., Manila, P. I. | 222 | 500 |
| NAA | U. S. Navy, Arlington, Va. | 435 | 1,000 |
| WAAB | V. Jensen, New Orleans, La. | 268 | 100 |
| WAAD | Ohio Mech. Institute, Cincinnati, Ohio | 258 | 25 |
| WAAF | Drovers Journal, Chicago, Ill. | 278 | 200 |
| WAAM | I. R. Nelson Co., Newark, N. J. | 263 | 500 |
| WAAW | Omaha Grain Exchange, Omaha, Nebr. | 278 | 500 |
| WABC | Asheville Battery Co., Inc., Asheville, N. C. | 254 | 20 |
| WABI | First Universalist Church, Bangor, Maine | 240 | 100 |
| WABO | Lake Ave. Baptist Church, Rochester, N. Y. | 278 | 100 |
| WABQ | Haverford Col. Radio Club, Haverford, Pa. | 261 | 100 |
| WABR | Scott High School, Toledo, Ohio | 263 | 50 |
| WABW | College of Wooster, Wooster, Ohio | 207 | 50 |
| WABX | H. B. Joy, Mt. Clemens, Mich. | 246 | 500 |
| WABY | John Magaldi, Philadelphia, Pa. | 242 | 50 |
| WABZ | Coliseum Pl. Baptist Ch., New Orleans, La. | 275 | 50 |
| WADC | Allen T. Simmons, Akron, Ohio | 258 | 500 |
| WAFD | Albert B. Parfet Co., Port Huron, Mich. | 275 | 500 |
| WAGM | R. L. Miller, Royal Oak, Mich. | 225 | 50 |
| WAHG | A. H. Grebe Co., Richmond Hill, N. Y. | 316 | 500 |
| WAIT | A. H. Waite & Co., Taunton, Mass. | 229 | 10 |
| WAIU | American Ins. Union, Columbus, Ohio | 294 | 500 |
| WAMD | Hubbard & Co., Minneapolis, Minn. | 244 | 500 |
| WAPI | Alabama Polytechnic Inst. Auburn, Ala. | 248 | 500 |
| WARC | Am. Radio Res. Corp., Medford Hillside, Mass. | 261 | 100 |

| Station | Owner and Location | Meters | Watts |
|---------|--|---------|--------|
| WBAA | Purdue University, West Lafayette, Ind.. | 273 | 250 |
| WBAK | Penna. State Police, Harrisburg, Pa..... | 275 | 500 |
| WBAL | Gas and Elec. Co., Baltimore, Md..... | 246-375 | 1,500 |
| WBAO | James Millikin University, Decatur, Ill.... | 270 | 100 |
| WBAP | Star Telegram, Fort Worth, Tex..... | 476 | 1,500 |
| WBAX | J. H. Stenger, Jr., Wilkes-Barre, Pa..... | 256 | 100 |
| WBBL | Grace Covenant Pres. Ch., Richmond, Va.. | 229 | 100 |
| WBBM | Atlas Investment Co., Chicago, Ill..... | 226 | 1,500 |
| WBBP | Petoskey High School, Petoskey, Mich.... | 238 | 200 |
| WBBR | Peoples Pulpit Ass'n., Rossville, N. Y.... | 273 | 500 |
| WBBS | 1st Baptist Church, New Orleans, La..... | 252 | 50 |
| WBBW | Ruffner City High School, Norfolk, Va.... | 222 | 50 |
| WBBY | Washington Light Inf., Charleston, S. C.. | 268 | 10 |
| WBBZ | C. L. Carrell (Portable), Ill..... | 216 | 50 |
| WBCN | Foster & McDonnell, Chicago, Ill..... | 266 | 500 |
| WBDC | Baxter Laundry Co., Grand Rapids, Mich. | 256 | 50 |
| WBES | Bliss Electrical School, Takoma Park, Md.. | 222 | 100 |
| WBNY | Miss Shirley Katz, New York, N. Y..... | 210 | 500 |
| WBOQ | A. H. Grebe & Co., Richmond Hill, N. Y.. | 236 | 100 |
| WBRC | Bell Radio Corp., Birmingham, Ala..... | 248 | 50 |
| WBRE | Baltimore Radio Exchange, Wilkes-Barre, Pa. | 231 | 100 |
| WBT | Charlotte Chamber of Commerce, Char- lotte, N. C..... | 275 | 250 |
| WBZ | Westinghouse E. & M. Co., Springfield, Mass. | 333 | *2,000 |
| WBZA | Westinghouse E. & M. Co., Boston, Mass.. | 242 | 250 |
| WCAC | Agricultural College, Mansfield, Conn.... | 275 | 500 |
| WCAD | St. Lawrence University, Canton, N. Y.... | 263 | 250 |
| WCAE | Kaufman & Baer, Pittsburgh, Pa..... | 461 | 500 |
| WCAJ | Nebr. Wesleyan Univ., Univ. Place, Nebr.. | 254 | 500 |
| WCAL | St. Olaf College, Northfield, Minn..... | 337 | 500 |
| WCAO | Brager of Baltimore, Baltimore, Md..... | 275 | 100 |
| WCAP | C. & P. Tel. Co., Washington, D. C..... | 469 | 500 |
| WCAR | Southern Radio Corp., San Antonio, Texas | 263 | 500 |
| WCAT | School of Mines, Rapids City, S. D..... | 240 | 50 |
| WCAU | Universal Broadcasting Co., Phila., Pa.... | 278 | 500 |
| WCAX | University of Vermont, Burlington, Vt.... | 250 | 100 |
| WCBA | C. W. Heimbach, Allentown, Pa..... | 254 | 15 |
| WCBD | W. G. Voliva, Zion, Ill..... | 345 | 5,000 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| WCBE | Uhalt Radio Co., New Orleans, La.----- | 263 | 5 |
| WCBG | H. S. Williams, Pascagoula, Miss.----- | 268 | 10 |
| WCBH | University of Mississippi, Oxford, Miss.--- | 242 | 50 |
| WCBM | Hotel Chateau, Baltimore, Md.----- | 229 | 50 |
| WCBQ | 1st Baptist Church, Nashville, Tenn.----- | 236 | 100 |
| WCBR | C. H. Messter (Portable)----- | 205 | 30 |
| WCCO | Gold Medal Station, Minneapolis-St. Paul, Minn. ----- | 416 | 5,000 |
| WCEE | Liberty Weekly, Inc., Elgin-Chicago, Ill.--- | 275 | 1,000 |
| WCLO | C. E. Whitmore, Camp Lake Wisc.----- | 231 | 50 |
| WCLS | H. M. Couch, Joliet, Ill.----- | 214 | 150 |
| WCSH | H. P. Rines, Portland, Maine----- | 256 | 500 |
| WCSS | Wittenberg College, Springfield, Ohio.--- | 248 | 100 |
| WCWS | C. W. Selen (Portable) Mass.----- | 210 | 100 |
| WCX | Detroit Free Press and Jewett Radio and Phonograph Co., Pontiac, Mich.----- | 517 | 5,000 |
| WDAD | Dad's Auto Accessories, Inc., Nashville, Tenn. ----- | 226 | 150 |
| WDAE | Tampa Daily News, Tampa, Fla.----- | 273 | 250 |
| WDAF | Kansas City Star, Kansas City, Mo.----- | 366 | 500 |
| WDAG | J. L. Martin, Amarillo, Texas----- | 263 | 100 |
| WDAH | Trinity Methodist Church, El Paso, Texas--- | 268 | 50 |
| WDAY | Radio Equipment Corp., Fargo, N. D.----- | 261 | 50 |
| WDBC | Kirk, Johnson & Co., Lancaster, Pa.----- | 258 | 50 |
| WDBE | Gilham-Schoen Elec. Co., Atlanta, Ga.----- | 270 | 100 |
| WDBJ | Richardson Wayland El. Co., Roanoke, Va.--- | 229 | 100 |
| WDBK | M. F. Broz, Cleveland, Ohio----- | 227 | 100 |
| WDBO | Rollins College, Winter Park, Fla.----- | 240 | 500 |
| WDBR | Tremont Temple Bap. Ch., Boston, Mass.--- | 261 | 100 |
| WDBZ | Boy Scouts of America, Kingston, N. Y.--- | 233 | 10 |
| WDCH | Dartmouth College, Hanover, N. H.----- | 256 | 100 |
| WDOD | Chattanooga Radio Co., Chattanooga, Tenn.--- | 256 | 500 |
| WDRC | Doolittle Radio Corp., New Haven, Conn.--- | 268 | 100 |
| WDWF | D. W. Flint, Cranston, R. I.----- | 441 | 500 |
| WDZ | J. L. Bush, Tuscola, Ill.----- | 278 | 100 |
| WEAF | A. T. & T. Co., New York, N. Y.----- | 492 | 5,000 |
| WEAI | Cornell University, Ithaca, N. Y.----- | 254 | 500 |
| WEAM | Borough of N. Plainfield, N. Plainfield, N. J.--- | 261 | 250 |
| WEAN | Shepard Co., Providence, R. I.----- | 270 | 500 |
| WEAO | Ohio State University, Columbus, Ohio.--- | 294 | 500 |

| Station | Owner and Location | Meters | Watts |
|---------|--|---------|-------|
| WEAR | Goodyear T. and R. Co., Cleveland, Ohio | 389 | 1,000 |
| WEAU | Davidson Bros. Co., Sioux City, Iowa | 275 | 100 |
| WEBC | W. C. Bridges, Superior, Wisc. | 242 | 100 |
| WEBD | Elec. Equip. & Service Co., Anderson, Ind. | 246 | 15 |
| WEBE | Roy W. Waller, Cambridge, Ohio | 234 | 10 |
| WEBH | Edgewater Beach Hotel, Chicago, Ill. | 370 | 1,500 |
| WEBJ | Third Avenue R. R. Co., New York, N. Y. | 273 | 500 |
| WEBK | Grand Rapids Radio Co., Gr. Rds., Mich. | 242 | 100 |
| WEBL | Radio Corp. of Am. (Portable) | 226 | 100 |
| WEBM | Radio Corp. of Am., Portable Mobile Sta. | 226 | 100 |
| WEBQ | Tate Radio Co., Harrisburg, Ill. | 226 | 10 |
| WEBR | H. H. Howell, Buffalo, N. Y. | 244 | 100 |
| WEBW | Beloit College, Beloit, Wisc. | 268 | 500 |
| WEBZ | Savannah Radio Corp., Savannah, Ga. | 263 | 5 |
| WEEI | Edison Elec. Illuminating Co., Boston, Mass. | 476-349 | 500 |
| WEHS | Robert E. Hughes, Evanston, Ill. | 203 | 10 |
| WEMC | Emm. Missionary Col., Berrien Spgs, Mich. | 236 | 500 |
| WENR | All-American Radio Corp., Chicago, Ill. | 266 | 1,000 |
| WEW | St. Louis University, St. Louis, Mo. | 248 | 100 |
| WFAA | Dallas News & Journal, Dallas, Texas | 476 | 500 |
| WFAM | The Times, St. Cloud, Minn. | 273 | 10 |
| WFAV | University of Nebr., Lincoln, Nebr. | 275 | 500 |
| WFBC | 1st Baptist Church, Knoxville, Tenn. | 250 | 50 |
| WFBD | Gethsemane Baptist Ch., Philadelphia, Pa. | 234 | 5 |
| WFBE | J. V. De Walle, Seymour, Ind. | 226 | 10 |
| WFBG | W. F. Gable Co., Altoona, Pa. | 278 | 100 |
| WFBH | Concourse Radio Corp., New York, N. Y. | 273 | 500 |
| WFBI | Galvin Radio Supply Co., Camden, N. J. | 236 | 250 |
| WFBJ | St. Johns University, Collegeville, Minn. | 236 | 100 |
| WFBK | Onondaga Hotel, Syracuse, N. Y. | 252 | 100 |
| WFBM | Merchants Lighting Co., Indianapolis, Ind. | 268 | 250 |
| WFBR | Maryland Nat'l. Guard, Baltimore, Md. | 254 | 100 |
| WFBZ | Knox College, Galesburg, Ill. | 254 | 20 |
| WFDF | F. D. Fallain, Flint, Mich. | 234 | 100 |
| WFI | Strawbridge & Clothier, Philadelphia, Pa. | 395 | 500 |
| WFKB | F. K. Bridgman, Chicago, Ill. | 217 | 500 |
| WFRL | R. M. Lacey, Brooklyn, N. Y. | 205 | 100 |
| WGAL | Lancaster Elec. Supply Co., Lancaster, Pa. | 248 | 10 |
| WGBB | H. H. Carman, Freeport, N. Y. | 244 | 100 |
| WGBC | 1st Baptist Church, Memphis, Tenn. | 278 | 10 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| WGFB | The Finke Furniture Co., Evansville, Ind. | 236 | 100 |
| WGBI | Frank S. Megargee, Scranton, Pa. | 240 | 10 |
| WGBK | L. W. Campbell, Johnstown, Pa. | 248 | 5 |
| WGBM | T. N. Saaty, Providence, R. I. | 234 | 30 |
| WGBQ | Stout Institute, Menomonie, Wis. | 234 | 100 |
| WGBR | Marshfield Broadcasting Ass'n., Marshfield, Wis. | 229 | 10 |
| WGBS | Gimbel Bros., New York, N. Y. | 316 | 500 |
| WGBU | Florida Cities, Fulford-By-The-Sea, Fla. | 278 | 500 |
| WGBX | University of Maine, Orono, Maine | 252 | 100 |
| WGCP | D. W. May, Inc., Newark, N. J. | 252 | 500 |
| WGES | Oak Leaves Broadc'st'g Sta., Oak Park, Ill | 250 | 500 |
| WGHB | G. H. Bowles Developments, Clearwater, Fla. | 266 | 500 |
| WGHP | G. H. Phelps, Inc., Detroit, Mich. | 270 | 1,500 |
| WGMU | A. H. Grebe & Co., Richmond Hill, N. Y. | 236 | 100 |
| WGN | The Tribune, Chicago, Ill. | 303 | 1,000 |
| WGR | Federal Tele. Mfg. Co., Buffalo, N. Y. | 319 | 750 |
| WGST | Ga. School of Tech., Atlanta, Ga. | 270 | 500 |
| WGY | General Elec. Co., Schenectady, N. Y. | 380 | 5,000 |
| WHA | University of Wisconsin, Madison, Wisc. | 535 | 750 |
| WHAD | Marquette University, Milwaukee, Wisc. | 275 | 500 |
| WHAM | Eastman School of Music, Rochester, N. Y. | 278 | 100 |
| WHAP | Wm. H. Taylor Fin. Corp., New York | 240 | 500 |
| WHAR | F. P. Cooks' Sons, Atlantic City, N. J. | 275 | 500 |
| WHAS | The Courier Journal-Times, Louisville, Ky. | 400 | 500 |
| WHAT | Dr. George W. Young, Minneapolis, Minn. | 263 | 500 |
| WHAV | Wilmington Elec. Spec. Co., Wilmington, Del. | 266 | 100 |
| WHAZ | Rensselaer Polytechnic Inst., Troy, N. Y. | 380 | 1,000 |
| WHB | Sweeney School Co., Kansas City, Mo. | 366 | 500 |
| WHBA | Shaffer Music House, Oil City, Pa. | 250 | 10 |
| WHBC | Rev. E. P. Graham, Canton, Ohio | 254 | 10 |
| WHBD | Charles W. Howard, Bellefontaine, Ohio | 222 | 20 |
| WHBF | Beardsley Specialty Co., Rock Island, Ill. | 222 | 100 |
| WHBG | John S. Skane, Harrisburg, Pa. | 231 | 20 |
| WHBH | Culver Military Academy, Culver, Ind. | 222 | 100 |
| WHBJ | Laver Auto Co., Ft. Wayne, Ind. | 234 | 50 |
| WHBK | Franklin St. Garage, Ellsworth, Maine | 231 | 10 |
| WHBL | J. H. Slusser, Logansport, Ind. | 216 | 50 |
| WHBM | C. L. Carroll (Portable), Chicago, Ill. | 233 | 20 |

| Station | Owner and Location | Meters | Watts |
|---------|--|---------|-------|
| WHBN | 1st Ave. Meth. Ch., St. Petersburg, Fla.... | 238 | 10 |
| WHBP | Johnstown Auto Co., Johnstown, Pa..... | 256 | 100 |
| WHBQ | St. John's M. E. Church, Memphis, Tenn.. | 233 | 50 |
| WHBU | Riviera Theatre, Anderson, Ind..... | 219 | 10 |
| WHBW | D. R. Kienzle, Philadelphia, Pa..... | 216 | 100 |
| WHBY | St. Norbert's College, West De Pere, Wisc. | 250 | 50 |
| WHDI | Wm. Hood Dunwoody Ind. Inst., Minne- apolis, Minn. | 278 | 500 |
| WHEC | Hickson Elec. Co., Rochester, N. Y..... | 258 | 100 |
| WHK | Radio Air Service Corp., Cleveland, Ohio.. | 273 | 250 |
| WHN | George Schubel, New York, N. Y..... | 361 | 500 |
| WHO | Bankers Life Co., Des Moines, Iowa..... | 526 | 5,000 |
| WHT | Radiophone Broadcasting Corp., Deerfield, Ill. | 238-400 | 2,500 |
| WIAD | H. R. Miller, Philadelphia, Pa..... | 250 | 100 |
| WIAS | Home Elec. Co., Burlington, Iowa..... | 254 | 100 |
| WIBA | Capital Times, Madison, Wis..... | 236 | 100 |
| WIBC | Vets. of Foreign Wars, St. Petersburg, Fla. | 222 | 100 |
| WIBG | St. Paul's P. E. Church, Elkins Park, Pa... | 222 | 50 |
| WIBH | Elite Radio Stores, New Bedford, Mass.... | 210 | 30 |
| WIBI | F. B. Zittell, Jr., Flushing, L. I..... | 219 | 50 |
| WIBJ | C. L. Carrell, Chicago, Ill..... | 216 | 50 |
| WIBM | Billy Maine, Chicago, Ill..... | 216 | 10 |
| WIBO | Nelson Brothers, Chicago, Ill..... | 226 | 1,000 |
| WIBR | Thurman A. Owings, Weirton, W. Va.... | 246 | 50 |
| WIBS | N. J. Nat'l. Guard, 57th Infantry Brigade, Elizabeth, N. J..... | 203 | 10 |
| WIBU | The Elec. Farm, Poynette, Wisc..... | 222 | 20 |
| WIBW | Dr. L. L. Dill, Logansport, Ind..... | 220 | 100 |
| WIBX | Grid Leak, Inc., Utica, N. Y..... | 205 | 150 |
| WIBZ | Powell Electric Co., Montgomery, Ala.... | 231 | 10 |
| WIL | Benson Radio Co., St. Louis, Mo..... | 273 | 250 |
| WIP | Gimbel Bros., Philadelphia, Pa..... | 508 | 500 |
| WJAD | Jackson's Radio Elec. Co., Waco, Texas.. | 353 | 500 |
| WJAG | Norfolk Daily News, Norfolk, Nebr..... | 270 | 200 |
| WJAK | Rev. C. L. White, Greentown, Ind..... | 254 | 50 |
| WJAM | D. M. Perham, Cedar Rapids, Iowa..... | 268 | 100 |
| WJAR | The Outlet Co., Providence, R. I..... | 306 | 500 |
| WJAS | Pittsburgh Radio Sup. House, Pittsb, Pa.. | 275 | 500 |
| WJAX | City of Jacksonville, Jacksonville, Fla.... | 337 | 1,000 |
| WJAZ | Zenith Radio Corp., Mt. Prospect, Ill.... | 322 | 1,500 |

| Station | Owner and Location | Meters | Watts |
|---------|--|---------|-------|
| WJBA | D. H. Lentz, Jr., Joliet, Ill.----- | 207 | 50 |
| WJBB | L. W. McClung, St. Petersburg, Fla.----- | 254 | 10 |
| WJBC | Hummer Furn. Co., La Salle, Ill.----- | 234 | 100 |
| WJBG | Interstate Radio, Charlotte, N. C.----- | 224 | 10 |
| WJBI | Robert S. Johnson, Red Bank, N. J.----- | 219 | 250 |
| WJBK | Ernest F. Goodwin, Ypsilanti, Mich.----- | 233 | 10 |
| WJBL | Wm. Grishard Dry Goods Co., Decatur, Ill. | 270 | 500 |
| WJBN | St. John's Ev. Lutheran Church, Sycamore, Ill. ----- | 256 | 10 |
| WJBP | Seneca Vocational School, Buffalo, N. Y.----- | 219 | 50 |
| WJBQ | Bucknell University, Lewisburg, Pa.----- | 211 | 100 |
| WJJD | Loyal Order of Moose, Mooseheart, Ill.----- | 370 | 1,000 |
| WJR | Detroit Free Press and Jewett Radio and Phonograph Co., Pontiac, Mich.----- | 517 | 5,000 |
| WJY | Radio Corp. of Am., New York, N. Y.----- | 405 | 1,000 |
| WJZ | Radio Corp. of Am., New York-Bound- brook ----- | 454 | 1,000 |
| WKAF | WKAF Broadcasting Co., Milwaukee, Wis. | 261 | 500 |
| WKAQ | Radio Corp. of Porto Rico, San Juan, P. R. | 341 | 500 |
| WKAR | Mich. Agri. College, Lansing, Mich.----- | 285 | 1,000 |
| WKAV | Laconia Radio Club, Laconia, N. H.----- | 224 | 50 |
| WKBB | Sanders Bros., Joliet, Ill.----- | 214 | 100 |
| WKBE | K. & B. Electric Co., Webster, Mass.----- | 231 | 100 |
| WKBG | C. L. Carrell, Chicago, Ill.----- | 216 | 100 |
| WKRC | Kodel Radio Corp., Cincinnati, Ohio.----- | 326-422 | 1,000 |
| WKY | C. E. Hull and H. S. Richards, Okla- homa, Okla. ----- | 275 | 100 |
| WLAL | 1st Presbyterian Church, Tulsa, Okla.----- | 250 | 100 |
| WLAP | W. V. Jordan, Louisville, Ky.----- | 275 | 20 |
| WLAX | Greencastle Commun. Broad. Sta., Green- castle, Ind.----- | 231 | 10 |
| WLB | Univ. of Minneapolis, Minneapolis, Minn.----- | 278 | 500 |
| WLBL | Wisc. Dept. of Markets, Stevens Pt., Wisc. | 278 | 500 |
| WLIB | Liberty Weekly, Inc., Elgin-Chicago, Ill.----- | 303 | 3,500 |
| WLIT | Lit Brothers, Philadelphia, Pa.----- | 395 | 500 |
| WLS | Sears, Roebuck Co., Chicago-Crete, Ill.----- | 345 | 5,000 |
| WLTS | Lane Technical High School, Chicago, Ill.----- | 258 | 100 |
| WLW | Crosley Radio Corp., Cincinnati, Ohio.----- | 422 | 5,000 |
| WLWL | Missionary Society of St. Paul the Apostle, New York, N. Y.----- | 288 | 1,500 |
| WMAC | C. B. Meredith, Cazenovia, N. Y.----- | 275 | 100 |
| WMAF | Round Hills Radio Corp., Dartmouth, Mass | 441 | 1,000 |

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| WMAK | Norton Laboratory, Lockport, N. Y..... | 266 | 500 |
| WMAL | Leese Optical Co., Washington, D. C..... | 213 | 15 |
| WMAN | 1st Baptist Church, Columbus, Ohio..... | 278 | 50 |
| WMAQ | Chicago Daily News, Chicago, Ill..... | 448 | 1,000 |
| WMAY | Kings Highway Pres. Ch., St. Louis, Mo.. | 248 | 100 |
| WMAZ | Mercer University, Macon, Ga..... | 261 | 500 |
| WMBB | Am. Bond & Mortgage Co., Chicago, Ill.. | 250 | 500 |
| WMBC | Michigan Broadcasting Co., Detroit, Mich. | 256 | 100 |
| WMBF | Fleetwood Hotel, Miami Beach, Fla..... | 384 | 500 |
| WMC | The Commercial Appeal, Memphis, Tenn... | 500 | 500 |
| WMCA | Hotel McAlpin, New York, N. Y..... | 341 | 500 |
| WNAB | Shepard Stores, Boston, Mass..... | 250 | 100 |
| WNAC | Shepard Stores, Boston, Mass..... | 280 | 500 |
| WNAD | University of Oklahoma, Norman, Okla... | 254 | 500 |
| WNAL | Omaha Central High School, Omaha, Nebr. | 258 | 50 |
| WNAT | Lenning Bros. Co., Philadelphia, Pa..... | 250 | 100 |
| WNAX | Dakota Radio App. Co., Yankton, S. D... | 244 | 100 |
| WNBH | New Bedford Hotel, New Bedford, Mass.. | 248 | 250 |
| WNJ | Radio Shop, Newark, N. J..... | 252 | 150 |
| WNOX | Peoples Tel and Tel Co., Knoxville, Tenn. | 268 | 500 |
| WNYC | Municipal Station, New York, N. Y..... | 526 | 1,000 |
| WOAI | S. E. Equipment Co., San Antonio, Texas. | 395 | 2,000 |
| WOAN | Vaughan Con. of Music, Lawrenceburg, Tenn. | 283 | 500 |
| WOAW | Woodmen of the World, Omaha, Nebr.... | 526 | 1,000 |
| WOAX | F. J. Wolff, Trenton, N. J..... | 240 | 500 |
| WOC | Palmer School of Chiro., Davenport, Iowa. | 484 | 5,000 |
| WOCG | Triple Alliance Radio Sta., Sycamore, Ill.. | 205 | 10 |
| WOCL | Hotel Jamestown, Jamestown, N. Y..... | 275 | 15 |
| WODA | O'Dea Radio & Victrola Shop, Paterson, N. J..... | 224 | 250 |
| WOI | Iowa State College, Ames, Iowa..... | 270 | 750 |
| WOK | Neutrowound Radio Mfg. Co., Home- wood, Ill..... | 217 | 5,000 |
| WOKO | Otto Baur, New York, N. Y..... | 238 | 50 |
| WOO | John Wanamaker, Philadelphia, Pa..... | 508 | 500 |
| WOQ | Unity School of Christianity, Kansas City, Mo. | 278 | 1,000 |
| WOR | L. Bamberger and Co., Newark, N. J..... | 405 | 500 |
| WORD | People's Pulpit Ass'n., Batavia, Ill..... | 275 | 5,000 |

| Station | Owner and Location | Meters | Watts |
|---------|---|--------|-------|
| WOS | Mo. State Marketing Bur., Jefferson City, Mo. ----- | 441 | 500 |
| WOWL | Owl Battery Co., New Orleans, La.----- | 270 | 10 |
| WOWO | Main Auto Supply Co., Ft. Wayne, Ind.--- | 227 | 500 |
| WPAK | N. D. Agri. College, Agri. College, N. D.--- | 275 | 50 |
| WPCC | N. Shore Congregational Ch., Chicago, Ill. | 258 | 500 |
| WPDQ | H. L. Turner, Buffalo, N. Y.----- | 205 | 50 |
| WPG | Municipality of Atlantic City, N. J.----- | 300 | 500 |
| WPRC | Wilson Ptg. & Radio Co., Harrisburg, Pa.--- | 216 | 100 |
| WPSC | Penn State College, State College, Pa.----- | 261 | 500 |
| WQAA | H. A. Beale, Jr., Parkersburg, Pa.----- | 220 | 500 |
| WQAE | Moore Radio News Sta., Springfield, Vt.--- | 246 | 50 |
| WQAM | Electric Equipment Co., Miami, Fla.----- | 263 | 100 |
| WQAN | The Scranton Times, Scranton, Pa.----- | 250 | 100 |
| WQAO | Calvary Baptist Church, New York, N. Y. | 360 | 100 |
| WQJ | Calumet Rainbo Brdcstg. Co., Chicago, Ill. | 448 | 500 |
| WRAF | Radio Club, Inc., Laporte, Ind.----- | 224 | 100 |
| WRAK | Economy Light Co., Escanaba, Mich.----- | 256 | 100 |
| WRAM | Lombard College, Galesburg, Ill.----- | 244 | 100 |
| WRAV | Antioch College, Yellow Springs, Ohio----- | 263 | 100 |
| WRAW | Avenue Radio Shop, Reading, Pa.----- | 238 | 10 |
| WRAX | Flexon's Garage, Gloucester City, N. J.--- | 268 | 500 |
| WRBC | Immanuel Lutheran Ch., Valparaiso, Ind.--- | 278 | 500 |
| WRC | Radio Corp. of Am., Washington, D. C.--- | 469 | 1,000 |
| WRCO | Wynne Radio Co., Raleigh, N. C.----- | 252 | 100 |
| WREC | Wooten's Radio Shop, Coldwater, Miss.--- | 254 | 10 |
| WREO | Reo Motor Co., Lansing, Mich.----- | 286 | 500 |
| WRHM | Rosedale Hospital, Minneapolis, Minn.----- | 252 | 50 |
| WRK | Doron Bros. Elec. Co., Hamilton, Ohio----- | 270 | 100 |
| WRM | University of Illinois, Urbana, Ill.----- | 273 | 500 |
| WRMU | A. H. Grebe, Inc., Motor Yacht "MU-1"--- | 236 | 100 |
| WRNY | Experimenter Pub. Co., New York, N. Y.--- | 258 | 500 |
| WRR | City of Dallas, Dallas, Texas.----- | 246 | 500 |
| WRST | Radiotel Mfg. Co., Bay Shore, N. Y.----- | 216 | 250 |
| WRVA | Laurus & Bros. Co., Richmond, Va.----- | 256 | 1,000 |
| WRW | Tarrytown Research Lab., Tarrytown, N. Y. | 273 | 500 |
| WSAI | U. S. Playing Card Co., Cincinnati, Ohio--- | *326 | 5,000 |
| WSAJ | Grove City College, Grove City, Pa.----- | 229 | 250 |
| WSAN | Allentown Call, Allentown, Pa.----- | 229 | 100 |
| WSAR | Doughty & Welch Elec. Co., Fall River, Mass. ----- | 254 | 100 |

| Station | Owner and Location | Meters | Watts |
|---------|--|---------|-------|
| WSAX | Zenith Radio Corp., Chicago, Ill..... | 268 | 100 |
| WSAZ | Chase Electric Shop, Pomeroy, Ohio..... | 244 | 50 |
| WSB | The Atlanta Journal, Atlanta, Ga..... | 428 | 1,000 |
| WSBC | World Battery Co., Chicago, Ill..... | 210 | 500 |
| WSBF | Stix Baer and Fuller, St. Louis, Mo..... | 273 | 250 |
| WSBT | South Bend Tribune, South Bend, Ind..... | 275 | 250 |
| WSDA | Seventh Day Adventist Ch., New York, N. Y. | 263 | 250 |
| WSKC | World's Star Knitting Co., Bay City, Mich. | 261 | 100 |
| WSM | Nat'l Life and Accident Ins. Co., Nashville, Tenn. | 283 | 1,000 |
| WSMB | Saenger Amusement Co., New Orleans, La. | 319 | 500 |
| WSMH | Shattuck Music House, Owosso, Mich..... | 240 | 20 |
| WSMK | S. M. K. Radio Corp., Dayton, Ohio..... | 275 | 500 |
| WSOE | School of Engineering, Milwaukee, Wisc.. | 246 | 500 |
| WSRO | H. W. Fahlander, Hamilton, Ohio..... | 252 | 100 |
| WSUI | State Univ. of Iowa, Iowa City, Iowa..... | 484 | 500 |
| WTAB | Fall River Daily Herald, Fall River, Mass.. | 266 | 100 |
| WTAC | Penna. Traffic Co., Johnstown, Pa..... | 268 | 100 |
| WTAD | R. E. Compton, Carthage, Ill..... | 236 | 50 |
| WTAG | Telegram Pub. Co., Worcester, Mass..... | 268 | 500 |
| WTAL | Toledo Radio & Elec. Co., Toledo, Ohio.. | 252 | 10 |
| WTAM | Willard Storage Battery Co., Cleveland, O. | 389 | 3,500 |
| WTAP | Cambridge Radio Elec. Co., Cambridge, Ill. | 242 | 50 |
| WTAQ | S. Van Gordon & Sons, Osseo, Wisc..... | 254 | 100 |
| WTAR | Reliance Radio & Elec. Co., Norfolk, Va.. | 261 | 100 |
| WTAT | Edison Elec. Ill. Co. (Portable), Boston, Mass. | 244 | 100 |
| WTAW | Agri. & Mech. Col., College Station, Tex.. | 270 | 500 |
| WTAX | Williams Hardware Mfg. Co., Streator, Ill. | 231 | 50 |
| WTAZ | T. J. McGuire, Lambertville, N. J..... | 261 | 15 |
| WTG | Kansas State Agri. Col., Manhattan, Kans. | 273 | 50 |
| WTIC | Travelers Insurance Co., Hartford, Conn.. | 349-476 | 500 |
| WWAD | Wright & Wright, Inc., Philadelphia, Pa.. | 250 | 250 |
| WWAE | Electric Park, Plainfield, Ill..... | 242 | 500 |
| WWAO | Michigan College of Mines, Houghton, Mich. | 263 | 250 |
| WWGL | Radio Eng. Corp., Richmond Hill, N. Y.... | 213 | 500 |
| WWI | Ford Motor Co., Dearborn, Mich..... | 266 | 500 |
| WWJ | The Detroit News, Detroit, Mich..... | 353 | 1,000 |
| WWL | Loyola University, New Orleans, La..... | 275 | 100 |

CANADIAN BROADCASTING STATIONS

| Station | Owner and Location | Meters | Watts |
|---------|--|--------|-------|
| CFAC | The Calgary Herald, Calgary, Alberta---- | 435 | 500 |
| CFCA | Star Publishing & Ptg. Co., Toronto, Ont. | 357 | 500 |
| CFCF | Canadian Marconi Co., Montreal, Quebec- | 411 | 1,650 |
| CFCH | Abitibi Power & Paper Co., Iroquois Falls, Ont. ----- | 500 | 250 |
| CFCK | Radio Supply Co., Edmonton, Alberta---- | 517 | 100 |
| CFCN | W. W. Grant Ltd., Calgary, Alberta----- | 435 | 1,800 |
| CFCQ | Sprott Shaw Radio Co., Vancouver, B. C.- | 411 | 5 |
| CFCT | George W. Deaville, Victoria, B. C.----- | 330 | 500 |
| CFCU | Jack V. Elliot, Ltd., Hamilton, Ont.----- | 341 | 500 |
| CFCY | The Island Radio Co., Charlottetown, P.E.I. | 312 | 50 |
| CFDC | Western Auto Elec. Co., Vancouver, B. C. | 411 | 10 |
| CFKC | D. J. Fendell, Thorold, Ont.----- | 248 | 75 |
| CFMC | Monarch Battery Co., Kingston, Ontario- | 268 | 20 |
| CFQC | The Electric Shop, Saskatoon, Sask.----- | 330 | 500 |
| CFRC | Queen's University, Kingston, Ontario---- | 268 | 500 |
| CFXC | Westminster Trust Co., New Westminster, B. C. ----- | 291 | 20 |
| CFYC | Commercial Radio Ltd., Burnaby, B. C.---- | 411 | 500 |
| CHCS | The Hamilton Spectator, Hamilton, Ont.- | 341 | 10 |
| CHIC | Northern Electric Co., Toronto, Ont.----- | 357 | 500 |
| CHNC | Toronto Radio Research Society, Toronto, Ont. ----- | 357 | 500 |
| CHSC | H. N. Stovin, Unity, Saskatchewan----- | 357 | 250 |
| CHUC | Int'l. Bible Students Asso., Saskatoon, Sask. | 330 | 50 |
| CHXC | J. R. Booth, Jr., Ottawa, Ontario----- | 435 | 250 |
| CHYC | Northern Electric Co., Montreal, Que.---- | 411 | 850 |
| CJBC | Jarvis Street Baptist Church, Toronto, Ont. | 357 | 500 |
| CJCA | Edmonton Journal Ltd., Edmonton, Alb.- | 517 | 500 |
| CJCD | The T. Eaton Co., Toronto, Ont.----- | 357 | 50 |
| CJGC | London Free Press Ptg. Co., London, Ont.- | 330 | 50 |
| CJJC | Pyramid Temple Society, Burnaby, B. C.--- | 411 | 500 |
| CJSC | Evening Telegram, Toronto, Ont.----- | 357 | 500 |
| CJWC | Wheaton Electric Co., Saskatoon, Sask.--- | 330 | 250 |
| CJYC | DeForest Radio Corp., Scarford Stat. Que. | 291 | 500 |
| CKAC | LaPresse Publishing Co., Montreal, Que.--- | 411 | 1,200 |
| CKCD | Vancouver Daily Providence, Vancouver, B. C. ----- | 411 | 1,000 |

| Station | Owner and Location | Meters | Watts |
|---------|---|--------|----------------|
| CKCK | Leader Publishing Co., Regina, Sask.----- | 312 | 500 |
| CKCL | The Dominion Battery Co., Toronto, Ont. | 357 | 500 |
| CKCO | Dr. G. M. Geldert, Ottawa, Ont.----- | 435 | 100 |
| CKCW | Canadian Broadcasting Corp., Burketon • Junction, Ont. ----- | 330 | 5,000 |
| CKFC | 1st Congregational Ch. Vancouver, B. C. | 411 | 50 |
| CKNC | Canadian Nat. Carbon Co., Toronto, Ont.--- | 357 | 500 |
| CKOC | Wentworth Radio Supply Co., Hamilton, Ont. ----- | 341 | 50 |
| CKY | Manitoba Tel. System, Winnipeg, Man.---- | 384 | 400 |
| CNRA | Canadian Nat'l Rys., Moncton, N. B.---- | 312 | 500 |
| CNRC | Canadian Nat'l Rys., Calgary, Alberta--- | 435 | 750 |
| CNRE | Canadian Nat'l Rys., Edmonton, Alberta-- | 517 | 500 |
| CNRM | Canadian Nat'l Rys., Montreal, Que.---- | 411 | 1,000 1,650 |
| CNRO | Canadian Nat'l Rys., Ottawa, Ont.----- | 435 | 500 |
| CNRR | Canadian Nat'l Rys., Regina, Sask.----- | 312 | 500 |
| CNRS | Canadian Nat'l Rys., Saskatoon, Sask.--- | 330 | 500 |
| CNRT | Canadian Nat'l Rys., Toronto, Ont.----- | 357 | 500 |
| CNRV | Canadian Nat'l Rys., Vancouver, B. C.--- | 291 | 500 |
| CNRW | Canadian Nat'l Rys., Winnipeg, Man.---- | 384 | 500 |

CUBAN BROADCASTING STATIONS

| | | | |
|-----|--|-----|-----|
| PWX | Cuban Telephone Co., Habana----- | 400 | 500 |
| 2FP | El Pais, Habana----- | 355 | 400 |
| 2HP | Creditoy Construcciones Co., Habana--- | 295 | 100 |
| 2OK | Mario Garcia Velez, Habana----- | 360 | 100 |
| 2OL | Oscar Collado Orta, Habana----- | 300 | 100 |
| 6BY | Jose Ganduxe, Cienfuegos----- | 300 | 100 |
| 6JK | Frank H. Jones, Central Tuincu----- | 275 | 100 |
| 6JW | Frank H. Jones, Central Tuincu----- | 340 | 100 |
| 7SR | Salvador Rionda, Camquey----- | 350 | 500 |
| 8BY | Alberto Ravelo, Santiago----- | 250 | 100 |

MEXICAN BROADCASTING STATIONS

| | | | |
|-----|---|-----|-------|
| CYA | Partido Liberal Avanzado, Mexico City..... | 185 | --- |
| CYB | El Buen Tono, Mexico City..... | 380 | 500 |
| CYF | Federico Zorrilla, Oaxaca..... | 200 | --- |
| CYG | Secretara De Guerray Marina, Mexico City..... | --- | --- |
| CYL | La Casa del Radio, Mexico City..... | 480 | 500 |
| CYX | Excelsior & Cia., Mexico City..... | 383 | 500 |
| CZA | Aviation Department, Mexico City..... | --- | --- |
| CZE | Secretary Public Education, Mexico City..... | --- | --- |
| XDA | Government Station, Mexico City..... | --- | 4,000 |

FOREIGN BROADCASTING STATIONS

ARGENTINA

| Signal | Owner and Location | | Meters |
|--------|---|---------|--------|
| LOR | Cia Radio Argentina, Buenos Aires..... | 350-510 | 500 |
| LOV | F. J. Brusa, Buenos Aires..... | 350 | 1,000 |
| LOW | Grand Splendid Theatre, Buenos Aires..... | 325 | 1,500 |

AUSTRALIA

| | | | |
|-----|--------------------------------------|-------|-------|
| 2BL | Broadcasters Ltd., Sydney..... | 350 | 5,000 |
| 2FC | Farmer & Co., Sydney..... | 1,110 | 5,000 |
| 3AR | Associated Radio Co., Melbourne..... | 480 | 1,600 |
| 5CL | Central Broadcasters, Adelaide..... | 305 | 5,000 |

BELGIUM

| | | | |
|-------|--------------------------------|-----|-------|
| ----- | Radio-Belgique, Brussels | 205 | 1,500 |
|-------|--------------------------------|-----|-------|

BRAZIL

| | | | |
|-------|------------------------------|-----|-------|
| ----- | Marconi, Rio de Janeiro..... | --- | 6,000 |
|-------|------------------------------|-----|-------|

FRANCE

| | | | |
|------|---------------------------------------|-----|-------|
| FPTT | Superior School, Paris..... | 458 | 500 |
| YN | French Government, Lyons-la-Doua..... | 340 | ----- |

GERMANY

| Signal | Owner and Location | Length | Watts |
|--------|---|--------|-------|
| ----- | Vox Haus, Berlin..... | 505 | 1,500 |
| ----- | Schlesische Rundfunk, Breslau..... | 418 | 1,500 |
| ----- | Sudwestdeutscher Rundfunk, Cassel..... | 288 | 1,500 |
| ----- | Mitteldeutsche Rundfunk, Dresden..... | 280 | 1,500 |
| ----- | Sudwestdeutsche Rundfunk, Frankfurt-onMain..... | 470 | 1,500 |
| ----- | Ostmarken Rundfunk, Konigsberg..... | 463 | 1,000 |
| ----- | Mitteldeutsche Rundfunk, Leipzig..... | 454 | 1,000 |
| ----- | Deutsche Stunde in Bayern, Munich..... | 485 | 1,000 |

GREAT BRITAIN

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

| | | | |
|-----|-------------------------------|-----|--------|
| 2BD | Aberdeen, Scotland | 496 | 1,500 |
| 2BE | Belfast, Ireland | 438 | --- |
| 2DE | Dundee, Scotland | 332 | --- |
| 2EH | Edinburgh, Scotland | 320 | --- |
| 2LO | London, England | 365 | 3,000 |
| 2ZY | Manchester, England | 378 | --- |
| 5IT | Birmingham, England | 480 | --- |
| 5NG | Nottingham, England | 220 | --- |
| 5NO | Newcastle, England | 403 | --- |
| 5SC | Glasgow, Scotland | 422 | --- |
| 5WA | Cardiff, Wales | 353 | --- |
| 5XX | Daventry, England | --- | 26,000 |
| 6BM | Bournemouth, England | 386 | --- |
| 6FL | Sheffield, England | 302 | --- |
| 6KH | Hull, England | 330 | --- |
| 6LV | Liverpool, England | 314 | --- |
| 6ST | Stoke-on-Trent, England | 306 | --- |

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

CITIES WITH STATIONS OF 500 WATTS OR MORE

| | | | |
|-----------------------------|-----------|--------------------------------|------------|
| Akron, Ohio..... | WADC | Boston, Mass. | WEEL, WNAC |
| Ames, Iowa | WOI | Boundbrook, N. J. | WJZ |
| Arlington, Va. | NAA | Brooklyn, N. Y. | WHAP |
| Atlanta, Ga. | WGST, WSB | Brownsville, Texas | KWVG |
| Atlantic City, N. J. | WHAR, WPG | Buffalo, N. Y. | WGR |
| Auburn, Ala. | WAPI | Cedar Rapids, Ia. | KVCR |
| Baltimore, Md. | WBAL | Chicago, Ill. | KYW, WBBM, |
| Batavia, Ill. | WORD | WBCN, WEBH, WGN, WIBO, | |
| Beaumont, Texas | KFDM | WMAQ, WMBB, WQJ, WENR, | |
| Beloit, Wis. | WEBW | WSBC, WPCC, WLS, WLIB, | |
| Berrien Springs, Mich. | WEMC | WCEB. | |
| Boise, Idaho | KFAU | Cincinnati, O.—WLW, WKRC, WSAI | |

| | | |
|-----------------------------|------------------|----------------------------|
| Clarinda, Iowa | ----- | KSO |
| Clay Center, Nebr. | ----- | KMMJ |
| Clearwater, Fla. | ----- | WGHB |
| Cleveland, O. | KDPM, WTAM, WEAR | |
| College Station, Texas | ----- | WTAW |
| Colorado Springs, Colo. | ----- | KFXF |
| Columbia, Mo. | ----- | KFRU |
| Columbus, Ohio | ----- | WAUI, WBAO |
| Corvallis, Oreg. | ----- | KOAC |
| Council Bluffs, Iowa | ----- | KOIL |
| Cranston, R. I. | ----- | WDWF |
| Dallas, Tex. | ----- | WRR, WFAA |
| Dartmouth, Mass. | ----- | WMAF |
| Davenport, Iowa | ----- | WOC |
| Dayton, Ohio | ----- | WSMK |
| Dearborn, Mich. | ----- | WWI |
| Decatur, Ill. | ----- | WJBL |
| Deerfield, Ill. | ----- | WHT |
| Denver, Colo. | ----- | KOA, KFAF |
| Des Moines, Iowa | ----- | WHO |
| Detroit, Mich. | ----- | WCX, WGHP, WWJ |
| Fayetteville, Ark. | ----- | KFMQ |
| Fort Wayne, Ind. | ----- | WOWO |
| Fort Worth, Texas | ----- | WBAP, KFQB |
| Fulford, Fla. | ----- | WGBU |
| Gloucester City, N. J. | ----- | WRAX |
| Hartford, Conn. | ----- | WTIC |
| Harrisburg, Pa. | ----- | WBAK |
| Hastings, Nebr. | ----- | KFKX |
| Hollywood, Calif. | ----- | KFWB |
| Homewood, Ill. | ----- | WOK |
| Honolulu, Hawaii | ----- | KGU |
| Hot Springs, Ark. | ----- | KTHS |
| Houston, Texas | ----- | KPRC |
| Independence, Mo. | ----- | KLDS |
| Iowa City, Iowa | ----- | WSUI |
| Ithaca, N. Y. | ----- | WEAI |
| Jacksonville, Fla. | ----- | WJAX |
| Jefferson City, Mo. | ----- | WOS |
| Kansas City, Mo. | ----- | WDAF, |
| | ----- | WHB, WOQ. |
| Kenonwood, La. | ----- | KWKH |
| Knoxville, Tenn. | ----- | WNOX |
| Lansing, Mich. | ----- | WKAR, WRBO |
| Laramie, Wyo. | ----- | KFBU |
| Lawrence, Kans. | ----- | KFKU |
| Lawrenceburg, Tenn. | ----- | WOAN |
| Lincoln, Nebr. | ----- | KFAB, WFAV |
| Lockport, N. Y. | ----- | WMAK |
| Long Beach, Calif. | ----- | KFON |
| Los Angeles, Calif. | ----- | KFPR, KFSG, |
| | ----- | KFI, KHJ, KNX, KTBI, KNTR, |
| Louisville, Ky. | ----- | WHAS |
| Macon, Ga. | ----- | WMAZ |
| Madison, Wis. | ----- | WHA |
| Manhattan, Kans. | ----- | KSAC |
| Manila, P. I. | ----- | KZRQ |
| Mansfield, Conn. | ----- | WCAC |
| Memphis, Tenn. | ----- | WMC |
| Miami Beach, Fla. | ----- | WMBF |
| Milwaukee, Wisc. | ----- | WHAD, |
| | ----- | WSOE, WKAF. |
| Minneapolis, Minn. | ----- | WAMD, |
| | ----- | WHDI, WHAT, WHB, WCCO. |
| Mooseheart, Ill. | ----- | WJJD |
| Mt. Clemens, Mich. | ----- | WABX |
| Mt. Prospect, Ill. | ----- | WJAZ |
| Muscataine, Ia. | ----- | KTNT |
| Nashville, Tenn. | ----- | WSM |
| Newark, N. J. | ----- | WAAM, WGCP, WOR |
| New Orleans, La. | ----- | WSMB |
| New York, N. Y. | ----- | WBNG, WBAF, |
| | ----- | WEBJ, WPBH, WGBS, WHN, |
| | ----- | WJY, WJZ, WLWL, WMCA, |
| | ----- | WNYC, WRNY, WENR. |
| Norman, Okla. | ----- | WNAD |
| Northfield, Minn. | ----- | KFMX, WCAL |
| Oak, Nebr. | ----- | KFBQ |
| Oakland, Calif. | ----- | KGO, |
| | ----- | KLX, KTAB, KFWM. |
| Oak Park, Ill. | ----- | WGES |
| Ogden, Utah | ----- | KFWA |
| Oklahoma City, Okla. | ----- | KFJF |
| Omaha, Nebr. | ----- | WAAW, WOAW |
| Parkersburg, Pa. | ----- | WQAA |
| Pasadena, Calif. | ----- | KPSN |
| Philadelphia, Pa. | ----- | WCAU, |
| | ----- | WFI, WIP, WLIT, WOO. |
| Pittsburgh, Pa. | ----- | KQV, |
| | ----- | WCAE, WJAS, KDKA. |
| Plainfield, Ill. | ----- | WVAH |
| Pontiac, Mich. | ----- | WJR |
| Port Huron, Mich. | ----- | WAFD |
| Portland, Maine | ----- | WCSE |
| Portland, Ore. | ----- | KGW, KQP |
| Providence, R. I. | ----- | WEAN, WIAR |
| Pullman, Wash. | ----- | KWSC |
| Richmond, Va. | ----- | WRVA |
| Richmond Hill, N. Y. | ----- | WAHG, WUGL |
| Rossville, N. Y. | ----- | WBBR |
| St. Louis, Mo. | ----- | KFUO, KFVE, KSD |
| St. Paul, Minn. | ----- | WCCO |
| St. Petersburg, Fla. | ----- | WSAG |
| Salt Lake City, Utah | ----- | KSL |
| San Antonio, Texas | ----- | WOAI, WCAR |
| San Diego, Calif. | ----- | KFVW |
| San Francisco, Calif. | ----- | KPO |
| San Jose, Calif. | ----- | KQW |
| San Juan, P. R. | ----- | WKAQ |
| Schenectady, N. Y. | ----- | WGY |
| Seattle, Wash. | ----- | KFOA, KJR, |
| | ----- | KTW, KTCL. |
| Shenandoah, Iowa | ----- | KFNF, KMA |
| South San Francisco, Calif. | ----- | KFWI |
| Spokane, Wash. | ----- | KHQ |
| Springfield, Mass. | ----- | WBZ |
| Stanford Univ., Calif. | ----- | KFGH |
| State College, N. Mex. | ----- | KOB |
| State College, Pa. | ----- | WPSC |
| Stevens Point, Wisc. | ----- | WLBL |
| Tarrytown, N. Y. | ----- | WRW |
| Trenton, N. J. | ----- | WOAX |
| Troy, N. Y. | ----- | WHAZ |
| University Place, Nebr. | ----- | WCAJ |
| Urbana, Ill. | ----- | WRM |
| Valparaiso, Ind. | ----- | WRBC |
| Waco, Texas | ----- | WJAD |
| Washington, D. C. | ----- | WCAP, WRC |
| Worcester, Mass. | ----- | WTAG |
| Zion, Ill. | ----- | WCBD |

ARRANGEMENTS NEAR COMPLETION FOR INTERNATIONAL BROADCAST TESTS

(Continued from Page 4)

which will be similar to the one in which the North American broadcasting stations will take part. The north and south schedule for American stations follows:

EASTERN STANDARD TIME

From 11 to 11:15 p. m. Canadian stations will transmit.

From 11:15 to 11:30 p. m. stations in the northern half of the United States will transmit.

From 11:30 to 11:45 p. m. stations in the southern half of the United States will transmit.

From 11:45 to 12 p. m. stations south of the United States will transmit.

This schedule will give American listeners a chance to hear stations in this country never heard before because of the station operating on a frequency used by some nearby station. It will also give overseas listeners a chance to pick up American stations that are more distant from them than those almost on the edge of the Eastern Seaboard. The arrangement of the American tests so that on the first night (Friday, American time) the stations will progressively transmit from east to west, and on the second night of those tests (Saturday, American time) transmit north and south, will give American listeners a chance to experiment with DX reception such as they have never before had.

Official, verified programs as transmitted by overseas broadcasters will be printed by at least one newspaper in almost every locality on the following day. This will allow every listener to verify his reception the day after he has heard a foreign station.

The tests are under the direction of RADIO BROADCAST, Garden City, New York. Results of successful reception can be sent to the Radio BROADCAST Test Committee by mail, telegraph, and telephone. Reports of successful reception can also be forwarded to the Test Committee by amateur radio. Station 2GY, operated by RADIO BROADCAST Laboratory will be in continual operation and will receive and acknowledge all messages which outside listeners file with amateur radio stations in their home localities.

BROADCASTING STATION NOTES

(Continued from page 5)

WRC to determine the source of the extraneous noises broadcast along with the Latin-American concerts from the patio of the Pan-American Union Building. The noises were traced to the birds that reside in the patio throughout the winter, and it was discovered also that "swear words" constitute a large portion of the macaws' vocabulary. The "cussing," however, is of a comparatively mild variety and, being uttered in Portuguese, is not expected to cause any censorship of the WRC programs.

A special microphone stand, exactly forty-seven inches in height, has been constructed by Station WRC for the exclusive use of President Coolidge when the Chief Executive broadcasts from the Capital. The stand is so built that it will hold the President's papers as well as the mike.

From cook in a lumber camp in the Idaho mountains to singer at KGO, Oakland, in one year is the record of Miss Edna Lister, modern Cinderella of the radio world. Miss Lister's story reads like a Cinderella fairy tale.

Ambitious to become a singer, Miss Lister worked as cook in a lumber camp to earn money for a musical education. She used to travel 30 miles to listen in on a radio set.

Finally she won a scholarship in a San Francisco conservatory of music. On Christmas Day she made her debut as a singer—over radio station KGO.

The studio of WOK, Chicago, has been moved from the Morrison Hotel to the Chicago Beach Hotel overlooking Lake Michigan. The new studio and office is second to none in America and has been luxuriously draped and furnished in pearl gray velvet and velour.

Pictures of individual members of the "Capitol Family," which broadcasts programs Sunday evenings through WEA and a chain of stations, can be obtained from Major Edward Bowes, Managing Director of the Capitol Theatre. Because of the great interest displayed by radio fans, Major Bowes has had a number of photographs printed of the members of the "Family" for distribution among the radio audience.

DISTANCE CHART

| MILES | | | | | | | | | | |
|------------------------|-------|--------|---------|------------|-----------|---------|----------|--------------|------------|-----------|
| FROM | TO | Boston | Chicago | Cincinnati | Cleveland | Detroit | New York | Philadelphia | Pittsburgh | St. Louis |
| Atlanta, Ga. | ----- | 930 | 500 | 375 | 550 | 595 | 745 | 660 | 520 | 470 |
| Baltimore, Md. | ----- | 350 | 600 | 420 | 315 | 405 | 170 | 85 | 200 | 730 |
| Birmingham, Ala. | ----- | 1050 | 580 | 415 | 615 | 640 | 855 | 775 | 610 | 400 |
| Buffalo, N. Y. | ----- | 400 | 450 | 395 | 175 | 215 | 295 | 280 | 180 | 655 |
| Calgary, Alta. | ----- | 2060 | 1370 | 1620 | 1645 | 1555 | 2000 | 1200 | 1755 | 1950 |
| Dallas, Texas | ----- | 1515 | 800 | 795 | 1000 | 990 | 1350 | 1280 | 1060 | 540 |
| Davenport, Iowa | ----- | 990 | 160 | 390 | 455 | 390 | 860 | 800 | 560 | 200 |
| Denver, Colo. | ----- | 1750 | 900 | 1080 | 1200 | 1140 | 1600 | 1550 | 1310 | 775 |
| Des Moines, Iowa | ----- | 1135 | 300 | 500 | 605 | 540 | 1010 | 965 | 710 | 265 |
| Elgin, Ill. | ----- | 870 | 35 | 280 | 335 | 260 | 740 | 690 | 440 | 255 |
| Galveston, Texas | ----- | 1585 | 945 | 850 | 1100 | 1000 | 1400 | 1315 | 1125 | 690 |
| Hastings, Neb. | ----- | 1400 | 560 | 740 | 865 | 795 | 1265 | 1215 | 965 | 445 |
| Havana, Cuba | ----- | 1500 | 1315 | 1100 | 1250 | 1325 | 1300 | 1270 | 1215 | 1165 |
| Houston, Texas | ----- | 1575 | 925 | 875 | 1085 | 1080 | 1400 | 1310 | 1120 | 660 |
| Indianapolis, Ind. | ----- | 790 | 160 | 100 | 255 | 230 | 630 | 575 | 325 | 230 |
| Iowa City, Iowa | ----- | 1045 | 200 | 405 | 505 | 435 | 900 | 860 | 600 | 210 |
| Joliet, Ill. | ----- | 870 | 35 | 250 | 330 | 260 | 730 | 680 | 430 | 225 |
| Kansas City, Mo. | ----- | 1225 | 400 | 545 | 690 | 640 | 1090 | 1025 | 775 | 230 |
| Lancaster, Pa. | ----- | 310 | 600 | 430 | 295 | 390 | 130 | 65 | 200 | 750 |
| Lansing, Mich. | ----- | 680 | 170 | 240 | 170 | 85 | 550 | 520 | 280 | 400 |
| Lincoln, Nebr. | ----- | 1320 | 405 | 630 | 775 | 700 | 1175 | 1120 | 875 | 365 |
| Los Angeles, Calif. | ----- | 2500 | 1730 | 1875 | 2020 | 1950 | 2420 | 2360 | 2110 | 1505 |
| Louisville, Ky. | ----- | 815 | 270 | 90 | 360 | 310 | 645 | 570 | 345 | 245 |
| Madison, Wis. | ----- | 925 | 120 | 370 | 405 | 325 | 800 | 760 | 520 | 300 |
| Memphis, Tenn. | ----- | 1120 | 480 | 410 | 620 | 615 | 950 | 870 | 655 | 240 |
| Mexico City, Mex. | ----- | 2300 | 1675 | 1600 | 1800 | 2120 | 2115 | 2035 | 1800 | 1420 |
| Miami, Fla. | ----- | 1280 | 1180 | 950 | 1085 | 1150 | 1100 | 1025 | 1010 | 1050 |
| Milwaukee, Wis. | ----- | 840 | 80 | 320 | 335 | 255 | 725 | 690 | 450 | 325 |
| Minneapolis, Minn. | ----- | 1110 | 360 | 590 | 620 | 545 | 1005 | 980 | 750 | 465 |
| Montreal, P. Q. | ----- | 260 | 740 | 700 | 490 | 515 | 335 | 400 | 470 | 970 |
| Oakland, Calif. | ----- | 2650 | 1820 | 2000 | 2115 | 2030 | 2600 | 2490 | 2240 | 1705 |
| Ottawa, Ont. | ----- | 315 | 640 | 620 | 410 | 425 | 335 | 380 | 410 | 875 |
| Providence, R. I. | ----- | 40 | 825 | 700 | 525 | 585 | 150 | 235 | 450 | 1000 |
| Rochester, N. Y. | ----- | 340 | 500 | 450 | 240 | 280 | 250 | 260 | 225 | 720 |
| Salt Lake City, Utah | ----- | 2070 | 1245 | 1440 | 1550 | 1475 | 1950 | 1900 | 1650 | 1145 |
| Saan Francisco, Calif. | ----- | 2650 | 1820 | 2020 | 2140 | 2065 | 2540 | 2500 | 2240 | 1715 |
| Schenectady, N. Y. | ----- | 145 | 700 | 690 | 400 | 400 | 150 | 210 | 350 | 900 |
| Scranton, Pa. | ----- | 240 | 615 | 490 | 315 | 360 | 100 | 105 | 230 | 790 |
| Seattle, Wash. | ----- | 2500 | 1710 | 1950 | 2000 | 1920 | 2400 | 2385 | 2115 | 1695 |
| Shenandoah, Iowa | ----- | 1240 | 400 | 590 | 700 | 635 | 1110 | 1050 | 800 | 310 |
| Springfield, Mass. | ----- | 80 | 760 | 645 | 460 | 525 | 120 | 200 | 395 | 960 |
| Tampa, Fla. | ----- | 1160 | 1090 | 775 | 925 | 985 | 1000 | 930 | 870 | 855 |
| Toronto, Ont. | ----- | 440 | 425 | 400 | 190 | 200 | 350 | 340 | 225 | 640 |
| Valparaiso, Ind. | ----- | 815 | 45 | 200 | 270 | 210 | 670 | 625 | 370 | 255 |
| Vancouver, B. C. | ----- | 2500 | 1760 | 2000 | 2040 | 1950 | 2400 | 2385 | 2150 | 1750 |
| Washington, D. C. | ----- | 390 | 590 | 400 | 300 | 390 | 200 | 125 | 190 | 705 |
| Winnipeg, Man. | ----- | 1350 | 710 | 970 | 940 | 850 | 1295 | 1275 | 1050 | 845 |
| Worcester, Mass. | ----- | 40 | 800 | 700 | 500 | 570 | 155 | 235 | 435 | 985 |
| Zion, Ill. | ----- | 850 | 45 | 285 | 320 | 240 | 720 | 675 | 420 | 290 |

WHAT CAN YOU TUNE IN WITH YOUR RADIO SET?

Can you start at the low point with it and tune in all the wave lengths up to 549? Try it with the list below which gives the allocation of wave lengths to stations of 500 watts or more. Stations with less than 500 watts power are not included in the list.

| Wave Length | Station | Dial Setting | | |
|-------------|--|--------------|-------|-------|
| | | No. 1 | No. 2 | No. 3 |
| 203 | KFXB | ----- | ----- | ----- |
| 207 | KFWM | ----- | ----- | ----- |
| 210 | WSBC, WBNY | ----- | ----- | ----- |
| 213 | WWGL, KQP | ----- | ----- | ----- |
| 216 | KTAB | ----- | ----- | ----- |
| 217 | WOK, WFKB | ----- | ----- | ----- |
| 220 | WQAA | ----- | ----- | ----- |
| 222 | KZRQ | ----- | ----- | ----- |
| 226 | KFWI | ----- | ----- | ----- |
| 227 | WOWO | ----- | ----- | ----- |
| 229 | KMMJ | ----- | ----- | ----- |
| 231 | KFPR, KUT | ----- | ----- | ----- |
| 233 | KFON | ----- | ----- | ----- |
| 238 | WHT, KNTR | ----- | ----- | ----- |
| 240 | KFVE, WOAX, WHAP | ----- | ----- | ----- |
| 242 | WWAE, KSO | ----- | ----- | ----- |
| 244 | WAMD | ----- | ----- | ----- |
| 246 | KFVW, WBAL, WSOE, WABX, WRR | ----- | ----- | ----- |
| 248 | WAPI | ----- | ----- | ----- |
| 250 | KDPM, WGES, WMBB, KFXF | ----- | ----- | ----- |
| 252 | KFWB, KMA, WGCP | ----- | ----- | ----- |
| 254 | WEAI, WCAJ, KFDH, WNAD | ----- | ----- | ----- |
| 256 | WCSH, KTNT, WDOD, WRVA | ----- | ----- | ----- |
| 258 | WRNY, WADC, WPCC | ----- | ----- | ----- |
| 261 | WPSC, WMAZ, KWKH, KFJF, KFWA, WKAF, KMOX | ----- | ----- | ----- |
| 263 | WAAM, WHAT, WCAR, KFQB, KFNF | ----- | ----- | ----- |
| 266 | WBCN, WMAK, WWI, WENR, WGHB | ----- | ----- | ----- |

| Wave Length | Station | Dial Setting | | |
|----------------|--|--------------|-------|-------|
| | | No. 1 | No. 2 | No. 3 |
| 268 | KFEQ, WEBW, WNOX, WRAX, WTAG, CFRC | ----- | ----- | ----- |
| 270 | KFGH, WGST, WOI, WEAN, WTAW, KFBU, WJBL, WGHP, KGU | ----- | ----- | ----- |
| 273 | WBBR, WEBJ, WFBH, WRM, KHQ, WRW | ----- | ----- | ----- |
| 275 | KFKU, KFSG, KQV, WBAK, WCAC, WCEE, WHAD, WJAS, WORD, WHAR, WSMK, WAFD, WPAV | ----- | ----- | ----- |
| 278 | KWWG, WAAW, WCAU, WHDI, WLBL, WOQ, WRBC, KOIL, WGBU, WLB, KWCR | ----- | ----- | ----- |
| 280 | WNAC, KOAC, KFAU | ----- | ----- | ----- |
| 283 | WSM, WOAN | ----- | ----- | ----- |
| 285 | WKAR | ----- | ----- | ----- |
| 286 | WEMC, WREO | ----- | ----- | ----- |
| 288 | KFKX, WLWL | ----- | ----- | ----- |
| 291 | CJYC, CNRV | ----- | ----- | ----- |
| 294 | WEAO, KJS, WAIU, KTBI | ----- | ----- | ----- |
| 297 | KPRC | ----- | ----- | ----- |
| 300 | KFMQ, KSL, WPG | ----- | ----- | ----- |
| 303 | WLIB, WGN | ----- | ----- | ----- |
| 306 | WJAR, KTCL | ----- | ----- | ----- |
| 309 | KDKA | ----- | ----- | ----- |
| 312 | CNRA, CKCK, CNRR | ----- | ----- | ----- |
| 316 | KFDM, KPSN, WAHG, WGBS | ----- | ----- | ----- |
| 319 | WGR, WSMB | ----- | ----- | ----- |
| 322 | KOA, WJAZ | ----- | ----- | ----- |
| 326 | WKRC, WSAI | ----- | ----- | ----- |
| 330 | CFCT, CFQC, CKCW, CNRS | ----- | ----- | ----- |
| 333 | WBZ | ----- | ----- | ----- |
| 337 | KNX, KFMX, WCAL, WJAX | ----- | ----- | ----- |
| 341 | KSAC, WKAQ, WMCA, CFCU, KFAB | ----- | ----- | ----- |

| Wave Length | Station | Dial Setting | | |
|----------------|---|--------------|-------|-------|
| | | No. 1 | No. 2 | No. 3 |
| 345 | WLS, WCBD | ----- | ----- | ----- |
| 349 | KOB, WTIC, KWSC, WEEL | ----- | ----- | ----- |
| 353 | WJAD, WWJ | ----- | ----- | ----- |
| 357 | CFCA, CHIC, CHNC, CJDC, CJSC, CKCL, CKNC, CNRT | ----- | ----- | ----- |
| 361 | KGO, WHN | ----- | ----- | ----- |
| 366 | WHB, WDAF | ----- | ----- | ----- |
| 370 | WEBH, WJJD | ----- | ----- | ----- |
| 375 | KTHS, KVOO, WBAL | ----- | ----- | ----- |
| 380 | WGY, WHAZ | ----- | ----- | ----- |
| 384 | WJR, WMBF, CNRW | ----- | ----- | ----- |
| 389 | WTAM, WEAR | ----- | ----- | ----- |
| 395 | WFI, WLIT, WOAL | ----- | ----- | ----- |
| 400 | WHAS, WHT | ----- | ----- | ----- |
| 405 | KHJ, WJY, WOR | ----- | ----- | ----- |
| 411 | CFCF, CFYC, CHYC, CKAC, CKCD, CNRM | ----- | ----- | ----- |
| 416 | WCCO | ----- | ----- | ----- |
| 422 | WLW, WKRC | ----- | ----- | ----- |
| 428 | WSB, KPO | ----- | ----- | ----- |
| 435 | NAA, CFAC, CFCN, CNRC, CNRO | ----- | ----- | ----- |
| 441 | KLDS, WOS, WDWF, WMAF, CJKC | ----- | ----- | ----- |
| 448 | WQJ, WMAQ | ----- | ----- | ----- |
| 454 | KTW, WJZ | ----- | ----- | ----- |
| 455 | KFOA | ----- | ----- | ----- |
| 461 | WCAE | ----- | ----- | ----- |
| 469 | WCAP, WRC, KFI | ----- | ----- | ----- |
| 476 | WEEL, WFAA, WBAP, WTIC | ----- | ----- | ----- |
| 484 | WOC, WSUL | ----- | ----- | ----- |
| 492 | KGW, WEAJ | ----- | ----- | ----- |
| 500 | WMC, KFRU | ----- | ----- | ----- |
| 508 | WIP, WOO, KLX | ----- | ----- | ----- |
| 517 | WCX, WJR, CJCA, CNRE | ----- | ----- | ----- |
| 526 | WNYC, WHO, WOAW | ----- | ----- | ----- |
| 535 | KYW, WHA | ----- | ----- | ----- |
| 545 | KSD, KFUO | ----- | ----- | ----- |

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