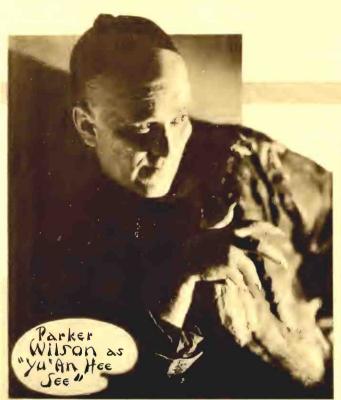
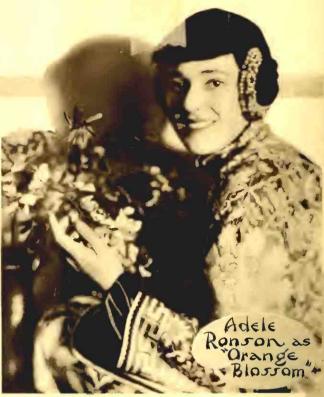
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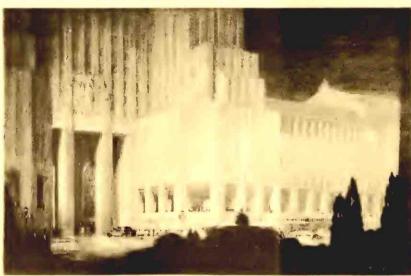




Listeners to Collier's Hour during March and April received a chill from the dramatic presentation each Sunday evening of an episode from Sax Rohmer's latest thriller, "You 'An Hee See Laughs." PARKER WILSON, as "Yu 'An Hee See," "laughed" most villainously, while ADELE RONSON won the hearers' sympathy in the difficult role of "Orange Blossom."

Before the central edifice of "Radio City," and wider than Fifth Avenue, will stretch a shrubbery-planted plaza, with fountains and flower-beds. The plaza will continue as a private street through archways to Forty-eighth and Fifty-first Streets. Thus within the walls of Radio City will be a beautiful parkway of its own as indicated in the artist's drawing below. Beneath the plaza will be the subway station and underground lobby. There will be underground parking area for thousands of machines, and all shipping for occupants of the six-block "Radio City" will be handled in the underground levels.







VOLUME II.

MAY, 1931

No. 7

# Television Peeps Around the Corner By Don Davis the receiver in the same manner as the conventional

TELEVISION has lurked "just around the corner" for many years, but in spite of the pessimistic reports early in the year, this spring has seen television peeping around that corner.

Television has made a good start, and, if this writer is not very much off his reportorial course, you, the radio listener, will become a "looker-in" before next Christmas.

Sight and sound transmissions have been on the air nearly a year. Chicago has contributed tremendously in this phase, while New York has just recently begun such broadcasting with the inauguration of the WGBS-Jenkins station at Fifth Avenue and Fifty-second Street.

The Columbia Broadcasting System should be on the air with an experimental television transmitter by the time this story has been printed.

The National Broadcasting Company has been operating experimental television station W3XBS atop the New Amsterdam Theater building for several months. Their sole transmissions, however, have been views of cards and of Felix, a wooden cat,

Boston experimental stations created a stir in that city some time ago when television images were picked up in a local store and shown to the general public. Hundreds of interested visitors lined up for hours to glimpse the one-inch square images which were reflected from a television receiver.

A news story widely published by newspapers throughout the country recently told of television images being reproduced by M. A. Sanabria, a Chicago engineer, on a ten-foot screen. Investigation proved that this was actually being accomplished, although the equipment utilized was in an experimental stage and highly expensive. It was designed, the inventor hastened to explain, for use in theaters and large auditoriums. Triple scanning, neon are lamps and electrical retouching have also been introduced by Sanabria.

Another company, known as Radio Pictures, has been transmitting images for many months in the New York area. In Washington, D. C., Jenkins has long been transmitting half-tones, motion pictures and silhouettes from W3XK. Images from this station have been on the air since 1925.

The Baird Television Corporation of Great Britain has established offices in New York. Although the Baird interests have no transmitter in operation here, they are London's leading television experimenters and broadcasters, where they have contributed nobly to the science with many developments.

Baird and Jenkins claim to be the pioneers of the industry, although the General Electric Company and the American Telephone and Telegraph Company have both been engaged in laboratory experimentation for years—perhaps before either of the two inventors who brought their researches before the public at earlier dates.

General Electric, it is said, was the first to broadcast an actual play by television. Three television cameras, or projectors, were utilized for this unusual transmission which took place between 1925 and 1927.

Line-wire television demonstrations are being shown regularly by the A. T. & T. in their New York laboratories. Their results are striking, to say the least. Clear and sharp are the pictures as one sees them in the strange little telephone-television booths especially constructed for the demonstration.

Parts for construction of television receivers are readily obtainable in most of the large cities. Completed receivers are making their appearance on the markets, although they are rather expensive for the average radio listener.

Small television units may be purchased for \$100, which, when operated in conjunction with proper semi-short-wave receiving equipment, will give clear pictures about one inch square. It might be said here that the televisor unit is attached to

the receiver in the same manner as the conventional loud speaker.

Television receivers must utilize resistance coupled amplifiers, with power tubes. They must tune broadly and have a range of between 100 and 200 meters.

The one main requisite of television reception is to obtain *loud* signals. The louder you hear television signals, the clearer and brighter will be your images, since the neon tube in the televisor depends on this superimposed current from the amplifiers of your receiver for its brilliance and resultant pictures. The receiver must, in the case of television reception, tune *broadly*. If it tunes sharply, you will obtain distorted images.

A televisor consists of a synchronous motor, which must run at the same speed and phase as the transmitting motor. This motor turns over a scanning disk, which contains forty-five or forty-eight or sixty holes carefully spaced. These holes must correspond with the holes in the transmitting scanning-disk. They form the lines of your picture. Thus it is said that you receive forty-eight-line pictures or sixty-line pictures.

Television has been somewhat simplified in this respect in the East, since an agreement reached last month will make it necessary for all television transmitters to utilize the sixty-line transmitting disks.

Behind your disk there is the neon tube, on whose plate the images appear to form while they are being scanned. Then through a magnifying-glass you peer through the disk at the plate and the images become visible.

The commonly used scanning-disk is gradually being replaced in laboratories by the drum scanner-disc, which, through the added use of powerful magnifying-glasses, will give sharp and clear images eight inches square. This equipment is intended for home use. Of course, much larger images can be obtained where money is not an important factor in purchasing equipment.

(To be continued next issue.)

Television Eyes in the NBC Experimental Studios

A television receiver which presents pictures eight inches square (R. E. Replagle, assistant to president of Jenkius-DeForest Co.).





A simple, home television set aver which Dorothy Schudt, wife of CBS "Going to Press" man, is viewing mation pictures from Buston in her New York home,



www.americanradiohistory.com

GAIN we experiment with our program schedule. This time we present on pages 18 to 31 a bird's-eye view of American chain programs hour by hour during the evening period, listing every

station scheduled at NBC and CBS to receive each chain program. With each map is a list of all chain programs under way, indexed for each fifteen minutes of the hour.

Turn to any date and hour in May, choose from the programs available the one you want and locate the nearest available station bearing it. Glance at page 33 for its location on your dial if you don't remember it, tune in and enjoy the feature you want at any given minute between five and midnight, Eastern Daylight time.

Once again we ask our friends to write us. Do you prefer us to perfect this issue's system or shall we return to the system used in March and April?

As we write we have before us letters from more than a score of broadcasting stations stating their utter inability to forecast their May programs because of the change to Daylight Saving Time, which will govern all programs supplied by the chains after April 26. On the 10th of April, program directors of stations in areas where the time does not change can make no definite plans for chain programs for May until they can readjust all their local programs, many of which were contracted for a definite time now to be pre-empted by a chain favorite. That situation makes May an ideal month for us to try a schedule experiment, for it will be well into May before local programs can be scheduled again with any exactitude, and to publish this magazine and get it to you from coast to coast by May 1, we must go to press by April 15.

Even in the case of chain programs, there will be many cancellations and shiftings about early in May, as sponsors living in Standard Time areas come to realize that their programs go on the air before the average listener becomes conscious that the evening has begun. The ten o'clock Eastern Daylight programs will be nearing completion before many of us middle Westerners will be coming into the house from our after-dinner tinkering about the garden. We'll just have our radios under way in time for the second Amos 'n' Andy show, but such is the result of being a citizen of a country which in the summer reaches across five time belts. Of course, what we are getting at in all this rambling is to warn you that no program service except a local daily, edited from a telegraphic service, could offer you real accuracy in either May or November. They are the great "moving" months of radio, when even old stand-bys are apt to be canceled or shifted.



AMOS WAS MADAME QUEEN, ANDY HIS OWN LAWYER

MOS and Andy adhered to their policy A MOS and Andy adhered to what A of refusing assistance even during the crowded days of the late breach of promise suit. The boys carried on as usual by themselves. Amos took the parts of the Kingfish, Brother Crawford, Lightnin', the Judge, Lawyer Smith and Madame Queen. Andy was Lawyer Collins and the bailiff, as well as defendant during the trial. As usual, no one was permitted in the studio while they were broadcasting. Even Bill Hay is stationed in another room along with the musicians.

We give this information direct from WMAQ in answer to dozens of letters from our readers.

And here's another rumor squelched. The boys write their own script. Every week-day at noon Andy sits down at the typewriter in the boys' office, and for three or four hours the two concentrate on the script for the day. There is no rehearsal. Once written, the boys seldom look at the script again until a few minutes before they are due on the air.

#### NEW PROGRAMS

It is rumored that Flit will return to the air this summer, featuring "Believe It or Not" Ripley.

Every station which affiliates with WEAF, except WWJ, Detroit (a total of nearly sixty), has arranged to carry the Firestone Hour from 4:15 to 5:15 Sunday afternoons, beginning May 31.

Helen Oelheim, young American contralto, has succeeded Miss Taiz in the role of "Freda," daughter of "Peter Zorn," in whose shop the Dutch Masters congregate each Friday evening at 8:30 P. M.

Peter Pan Fashion Broadcasts, formerly a morning period, has moved up to the 10:15 spot on Wednesday nights over CBS. Teddy Black's orchestra provides a musical background for the noted style specialists who are featured.

If, after the time change, some favorite program disappears from its accustomed place on the air, send us a self-addressed, stamped envelope, and we shall be glad to tell you whether it has gone on vacation or has found new associations.

The McAleer Polishers are a new CBS presentation each Wednesday at 10:30 P. M. on a nation-wide hook-up. The principals are Scrappy Lambert and Dick Robertson, vocalists; Dave Elman, humorist, and

Sam Lanin and his dance orchestra. Harry von Zell is master of ceremonies.

Five young men from Rockcastle County, Ky. -"the Cumberland Ridge Runners"-are scheduled to inaugurate a new weekly series of programs over CBS to be known as the "Olson Rug Folk Songs." Station list and time have not yet reached us.

With the beautiful Countess Olga Albani and a male quartet of four solo specialists as leading attractions, aided by a concert orchestra, the Kodak Week-end program has returned to the air for the summer season. The outlet is WEAF, and the time 10 P. M., E. D. T.

Three addresses by President Hoover will be broadcast by the chains during May. On May 4 he speaks to the International Chamber of Commerce; on May 21 his speech will commemorate the fiftieth anniversary of the American Red Cross, and on May 31 he will make the Memorial Day address at historic Valley Forge.

Don't forget that Empire Builders will offer something special Monday, May 4, at 10:30 P. M., when the drama for the evening will be "The Legend of the Wild Rose." The cast includes Harvey Hays, Lucille Husting, Don Ameche, John Daly, William Roth and Theodore Daucet. Unusual sound effects are promised. That means something, for the listeners are generally agreed that Empire Builders is far in the lead in presenting sound effects.

Among the men of affairs who are soon to give brief talks on business during the Halsey, Stuart broadcasts, Wednesday evenings over NBC, are Rome C. Stephenson, president of the American Bankers' Association; D. F. Kelley, president of the National Retail Dry Goods Association; T. George Lee, president of Armour & Co., and T. S. Morgan, president F. W. Dodge Corporation. Seven Pacific Coast stations have joined the already large network for this series.

Last issue we ran a picture and brief story about "The Dixie Spiritual Singers," a group of twentyfive Southern negroes, recruited from the tobacco work-rooms of Larus Brothers at Richmond, Va., who were putting on an unusually attractive pro-

## WHAT'S ON THE AIR

(Registered in U. S. Patent Office)

#### Vol. II. MAGAZINE FOR THE RADIO LISTENER

PUBLISHED MONTHLY AT NINTH AND CUTTER STS., CINCINNATI, O., BY WHAT'S ON THE AIR CO. PRINTED IN U.S. A.
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(COPYRIGHT, 1931, BY WHAT'S ON THE AIR CO.)
PATEMTS APPLIED FOR COVER BASIG FEATURES OF PROGRAM-FINDING SERVICE OFFERED IN THIS MAGAZINE.
"EXTERED AS SECOND-CLASS MATTER AND 10, 1002.

IN THIM MARKEINE.
"ENTERED AS RECONDICIASS MATTER APR. 19, 1930, AT THE POST-OFFICE AT CINCIN-NATI, O., UNDER THE ACT OF MARCH 3, 1879."

AGENTS WANTED.—Take orders for WHAT'S ON THE AIR subscriptions in your community. Every radio home a good prospect. Your friends and neighbors will enjoy this new radio program directory and magazine. Full or part time work. Liberal offer to both men and, women. Write for our proposition to agents.—CIRCULATION MANAGER, WHAT'S ON THE AIR. Ninth and Cutter Sts., Cincinnati, O.

STATEMENT OF OWNERSHIP, MANAGEMENT, CIRCULATION, ETC., REQUIRED BY THE ACT OF CONGRESS OF AUGUST 24, 1912,

Of "What's on the Air," published monthly at Cincinnati. O., for April 1, 1931. State of Ohio. County of Hamilton.

Hamilton.

Before me, a Notary Public in and for the State and county afferosaid, personally appeared Willard Mohorter, who, having been duly sworm according to law, deposes and says that he is the editor of the "What's on the Air, and that the following is, to the best of his knowledge and belief, a true statement of the ownering, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912, embodied in Section 411, Postal Laws and Regulations, printed on the reverse of this form, to wit:

Fig. 2. That the immes and addresses of the publisher, editor analytic editor and business managers en Data State, and the immes and addresses of the publisher, and the immes and addresses of the publisher of the publisher of the state of the publisher of the state of the state

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5. That the average number of copies of each Issue of this publication sold or distributed, through the walls or otherwise, to paid subscriber there in the said stock of the second process of the second process of the publication sold.)

WILLEARN MOHONTER.

Sworn to and subscribed before me this 26th day of March, 1931
[SEAL.]

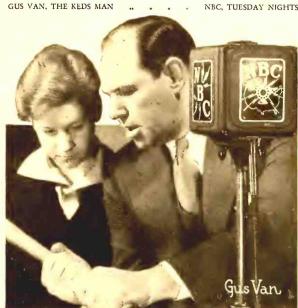
My commission expires February 11, 1933.)

Form 3526,-Ed. 1924.



And now Little Orphan Annie has joined the networks. Since Monday, April 6, the character made famous by Harold Gray on the Chicago Tribune, has been a six-nights-a-week feature through a group of NBC stations.

Annie brought her entire gang with her from the funny paper to radio, including Mr. and Mrs. Silo and Joe Corntassel, to say nothing of her inseparable companion, "Sandy," the dog. Ten-year-old SHIRLEY BELL plays the role of Annie, while the role of Joe is enacted by ALLAN BARUCK, twelve years old, both Chicago stage and microphone veterans, in spite of their extreme youth. The Silo roles are played by Flenrietta Tedro and Jerry O'Meara.



gram from Station WRVA. Now, thanks to NBC, these untrained singers of original negro melodies may be heard by our readers generally. "The Dixie Singers" are presented over WJZ and associates every Thursday evening at 8 o'clock.

While the Gold Medal Fast Freight continues its CBS run each Wednesday at 9 P. M., a new aerial train-the Gold Medal Express, now roars through a network of NBC stations every Monday at 8:30 P. M., E. D. T. It bears an unusually varied array of talent, including Victor Arden and Phil Ohman, famed piano team (see p. 15); a novelty orchestra, the Wheaties trio, an impersonator and a guest artist. The trio consists of Joe Shuster and Johnny Tucker, both well known as song writers, and Monroe Silver, an RCA-Victor recording artist. Ford Bond is the announcer on the express.

CBS has organized its Southern stations into a unit to be known as "The Dixie Network." The key station is WBT at Charlotte, N. C., and while the dozen or more affiliated stations will still be a part of the regular chain, carrying many of the New York programs, they will also have a series of programs of their own whenever the regular CBS facilities are occupied with commercial programs calling for only the basic chain. This means that by our next issue we shall be called on to list in our schedules some special programs reaching exclusively the CBS stations in the South.

The latter half of the Deems Taylor Musical Series, an educational course in Grand Opera, with brief explanations by Deems Taylor himself, and the illustrations from operas sung in English, will be presented in May. Both NBC systems are carrying this series in order to bring this opportunity to understand and appreciate opera to the largest possible audience. The subjects for May are as follow: May 3, "The Second Reformation;" May 10, "The Revolution;" May 17, "Verdi;" May 24, "Opera after Wagner;" May 31, "American Composers and American Opera." The May 31st program will begin 1:45 (E. D. T.) and last forty-five minutes. The others open at 2 P. M. and last onehalf hour.

Among the chain programs which have left the air for the summer are Davey Hour, Luden's, Floyd Gibbons, Enna Jettick, Billikin Pickards, Uncle Abe and David, Smith Brothers, Edward Rambler, Two Troupers, Dixie Circus, Vapex Doctors, The Campus, Golden Hour, Be-Square Club, Sam Lloyd and Fro-Joy. Other withdrawals are imminent. However, a goodly number of new features are promised for the summer months. Firestone, Domino Sugar, Compana, Bayuk Cigars, Little Orphan Annie, Tidewater Inn, Fortune Builders, McAleer Polishers and Postal Telegraph are but some of those which have already been definitely contracted.

#### AIR CHANNELS.

On April 14 the Federal Commission gets down to brass tacks again on the question of deciding which stations shall be permitted to increase their power to 50,000 watts.

"FORTUNE BUILDERS"

It is quite probable that before these lines are read WTMI at Milwaukee will be granted relief from interference which now limits its reception. Just what stations will be shifted is still a mystery.

100

Early in May, WHP at Harrisburg, WHEC at Rochester, WCAH at Columbus, and WOKO at Albany, all four aligned with CBS, are scheduled to begin synchronized broadcasting simultaneously on the 1430 kilocycle chan-

The new station list issued by the Federal Radio Commission is now ready for the public. It may be obtained from the Government Printing Office at Washington on receipt of fifteen cents in coin, not stamps.

The hard-worked Federal Commission received in one application recently request for authority to add 267 new broadcasting stations to the already overloaded air. The complete plan of the sponsors calls for exclusive use of twenty-five channels, which it would use through some eight hundred small stations to be built in cities of from 10,000 to 100,000 population to provide purely local ser-

With television bobbing out from around the corner, and but four channels available for the entire United States, public necessity bids fair to bring a drastic shake-up of broadcasting by another

CBS, SUNDAY AND THURSDAY AT 10:30 P. M.



year. One ray of hope is seen in the application of Radio Pictures, Inc., now before the Commission for permission to experiment in television in the upper radio spectrum above the present recognized limit of 23,000 kilocycles.

200

By the way, we find the hours of 4 to 6 a. M. surprisingly interesting for DX work. We tune in some convenient testing program and wait until the set is warmed up thoroughly. Then if static seems heavy we turn the set off and go back to bed; but if atmospheric conditions are at all favorable, we find that patient work up and down the dials will often bring in a surprising number of stations. Early morning listening-in almost always adds to your list of stations heard on such crowded channels as 1200, 1210, 1310, 1970, 1420 and

A piece of copper tubing three feet ten inches long and one inch in diameter, wrapped from one end to the other with No. 20 copper aerial wire, and then buried in a deep hole is a most perfect ground for DX reception. At least, this is the scheme adopted by Ollie Ross, of Vallejo, Calif. With an eighty-foot aerial and lead-in from this ground to his radio set he tells of bringing them in far and near. In three years' time his record shows that he has logged over 1,308 stations from every State in the Union as well as from Canada, Mexico, Europe, Asia, the Philippines and Af-

An amazing number of DXers not only on the Pacific Coast, but in decreasing numbers as far east as Indianapolis, have been made happy the past three months by listening in on Japan. On the west coast even five-tube battery sets well located have proved sufficient to pick up all eight of Japan's 10,000 watters. While it is almost too much to hope that such favorable reception conditions will continue through April and into May, a tip from the successful DXers will undoubtedly be welcome. The best time to fish for the JO stations is between 3:30 and 6:30 A. M., C. S. T. The Jap stations are JOFK at Hiroshima (849 Kc.); JOGK at Kumamoto (789 Kc.); JOCK at Najoya (810 Kc.); JOBK at Osaka (750 Kc.); JOIK at Sapporo (831 Kc.); JOHK at Sendai (769 Kc.); JOAK at Tokyo (869 Kc.), and JOKK at Yokohama (590 Kc.).

#### SPORT BROADCASTS IN MAY.

The Intercollegiate track championship to be held at Franklin Field, Philadelphia, early in May will be another offering of the chains to sport lovers.

If you can get WLW and are a sports fan, don't overlook Col. Bob. Newhall's week-day night sports reviews over the Cincinnati 50,000 watter.

CBS announces that it will carry over its chain an average of four sports events of general interest per week throughout the summer months.

Golfers will have an extra inning on the air in May when the chains cover the Ryder Club Matches (U. S. vs. Great Britain) to be held this year at the Scioto Club, Columbus, O.

As usual, the automobile race at the Speedway, Indianapolis, will be broadcast by both chains on Memorial Day. However, only the closing hour of

the race will be covered.

Both NBC and CBS have arranged to cover the two outstanding races in May: The Preakness at Pimlico track, Baltimore, on May 9, and the Derby at Churchill Downs, Louisville, on May 16. Clem McCarthy will be at the microphone for NBC. The CBS announcer has not yet been announced.

300

Major League baseball is to be on the air regularly this scason from Chicago, St. Louis, Cleveland, Detroit and Boston. In Chicago, WGN, WMAQ and WCFL cover the home games of both the Cubs and the White Sox, while WBBM follows the Cubs daily. In St. Louis KMOX and KWK broadcast the Cardinal's home games. WTAM is scheduled to describe the Cleveland team's home games; WJR, the games at Detroit, while WNAC will follow the local fortunes of both Boston teams,

姥

IRENE BORDONI AS "THE COTY PLAYGIRL."

(See Cover Page.)

Irene Bordoni, who hitherto has confined her radio activities to guest appearances, has signed a long-term contract to portray the title role of "The Coty Playgirl" in a series of broadcasts over the Columbia network every Sunday at 9 P. M., E. D. T.

A star of the first magnitude on stage and screen, Mme. Bordoni had often expressed a desire to affiliate herself with radio entertainment, and, though many highly remunerative offers were submitted to her, she was unable to select a suitable vehicle.

However, as "The Coty Playgirl," the chanteuse is given a sophisticated setting that affords her ample opportunity to display her charms as a singing and dramatic actress. Each broadcast presents her in a different locale—one of international reputation as a rendezvous for the socially prominent. On one broadcast she is heard entertaining aboard a ship bound for Havana, and later at a popular Havana supper club, singing such typical Bordoni numbers as "So This Is Love" and "Let's Do It."

Appearing with Mme. Bordoni in her first dramatic and singing role on the radio is a specially selected cast of players recruited from the Broadway stage. An orchestra of eighteen pieces, directed by Eugene Ormandy, accompanies Mme. Bordoni's songs and provides the musical interludes.

Irene Bordoni was born in Corsica. She made her first stage appearances in the music-halls and opera-houses of the Continent, where her name soon shone brightly in large electric lights. Her American debut occurred in "Miss Information," with Elsie Janis, and later she was seen with Raymond Hitchcock in "Hitchy-Coo," subsequently co-star-

## CHANGES IN SCHEDULES RECEIVED AS WE GO TO PRESS

Literary Digest Topics in Brief, with Lowell Thomas, will be heard only over NBC Eastern stations at 6:45, E. D. T., each week night. A second broadcast for a Western network will be given at 10:15, C. S. T.

Beginning May 9, Tony Cabooch, Anheuser-Busch program's one-man show, will begin a new time schedule, changing from early Monday evening to 10:45 p. m., E. D. T., Saturday. Additional Stations have been added as follow: WNAC, WEAN, WCAU, WMAL, WKBW,

WLEX, now off the air, will return to activity late in April as WAAB, with headquarters at Squantum, Mass., adjoining WNAC.

KLZ, KDYL, KHJ, KOIN, KFRC, KOL, KFPY.

ring with H. B. Warner in "Sleeping Partners." This success was followed by "As You Were," with Alice Delysia and Sam Bernard, and so marked was her success in this production that she was immediately rewarded with her own starring vehicles. In chronological order they were "The French Doll," "Little Miss Bluebeard," "Naughty Cinderella" and "Paris."

#### THE MARCH OF TIME.

Dramatization of the outstanding news events of each week forms the basis of the "March of Time" program. In this novel form of presenting current events, a large cast of actors, supported by a symphony orchestra and special sound effects, bring each scene as near as possible to reality. The program varies from other news broadcasts in that it seeks to restore reported incidents to their original forms. News is selected by the editors of "Time," however, on the basis of its importance rather than of its dramatic possibilities, and embellishments for sheer dramatic effect are not indulged in.

The music, which serves as a "curtain" between each episode, is selected and specially scored by Howard Barlow to provide appropriate atmosphere, while each scene is otherwise "set" by a narrator, the Voice of Time, who designates the time and locality, and otherwise prepares the listener for the dramatized news event to follow.

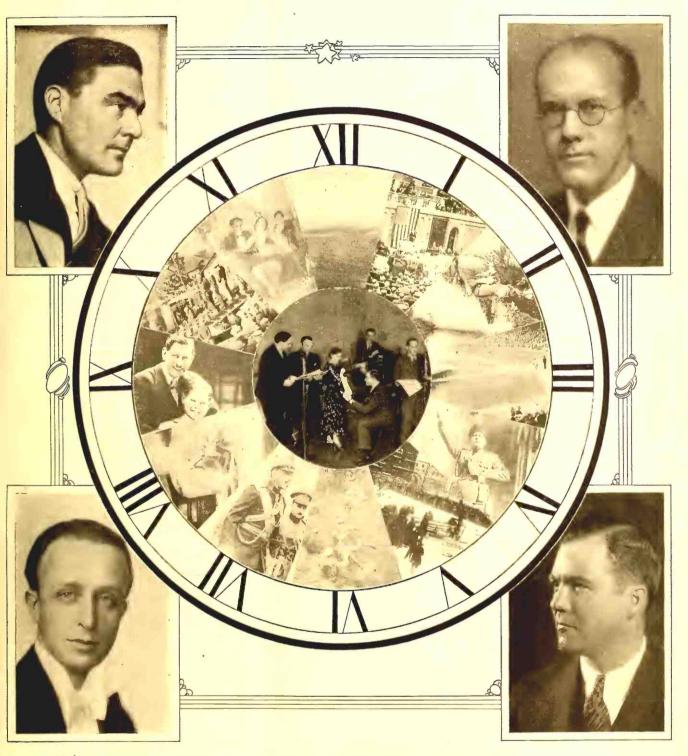
The program really consists of six to ten shows in one, depending upon the number of news events treated with, and a cast of fifteen to twenty people is utilized, exclusive of the orchestra.

At least eleven hours a week are spent in rehearsal—more, if it is necessary to make last-minute changes, due to last-minute news of great importance coming in. The programs raise two major production problems: First, they require extraordinarily complete details from the correspondents who report the items to be presented; second, they require unusual versatility on the part of the director, the cast and the musical director, who may frequently have scant time in which to prepare and rehearse the programs.

No effort or expense is spared by the producers of the programs to make each scene authentic. In one event in which former Gov. Alfred E. Smith was a principal, the actor who impersonated him in the program interviewed him beforehand in order to be able to accurately imitate his speech and manner. In another program a scene in a church in Soviet Russia was presented. In order to create an authentic atmosphere the choir from a Greek Catholic church in New York was added to the cast. The choir sang for only forty-five seconds, but the mood that was created made it worth while.

For ten consecutive weeks the National Radio Forum, arranged by the Washington Star and broadcast over CBS, will present each Saturday night at 9:30 a member of President Hoover's Cabinet, who will tell the public about the method of operation and problems faced by his respective department.

"Canada on Parade," sponsored by General Motors of Canada, will soon be on the air. Twenty-four Canadian stations and WJR of Detroit will carry this series, making it available to every section of Canada. The program will be of an hour's duration, from 9 to 10, local time, Friday evening, at CKX, CKLC, CFCY, CJCA, CJRW, CKPR, CFNB, CHNS, CKOC, CJGC, CKAC, CFCH, CNRO, CFLC, CHRC, CKCK, CFBO, CJCB, CKGW, CNRV, CFCT, CKY and CJGX, and at 10 P. M. from CFQC and CHNS.



The "March of Time" program over CBS every Friday evening at 10:30 o'clock, E. D. T., presents outstanding news events of the week in dramatic form. In the upper left-hand corner is Roy E. Larsen, vice-president and general manager of *Time Magazine*, sponsors of the program; in the upper right, Fred Smith, managing editor of the magazine, and creator of the program. At the lower left is Howard Barlow, musical director, and at the lower right, Arthur Pryor, Jr., dramatic director of the program. The center picture shows Director Pryor rehearsing a scene.



AY, foot-tapping rhythm was wafting forth from the Louis Quinze console, which Mrs. Taylor, indulging her flair for the artistic, had embellished with two Chinese stoles, a bronze Buddha and a flock of china dogs; the radiator was hot and purring like a contented kitten, and Mr. Taylor, who loved his home, his wife and his radio, should have been happy.

But he wasn't. He sat nervous and fidgety, the radio section of the *Times* upon his knee, and every few seconds turned a questioning and slightly irritated glance toward the superheterodyne, which was the pride of his life and the joy of his evenings at home. As the moments passed the glances became darker and more frequent, the easy-chair creaked ominously, and suddenly Mr. Taylor sat upright and glared at the innocent instrument of entertainment. Throwing down his paper, he exploded:

"Ann, what the dickens is the matter with that music?"

Mrs. Taylor, who had been wholly absorbed in laying out the hands for Tuesday's bridge lesson, turned her blonde head critically to one side, and listened with the professional attitude of Arnold Morgan sitting in judgment on an audition.

"Why, it's just a poor orchestra. They're not on the hook-up," was her verdict.

"It's not a poor orchestra," contradicted her husband, flatly. "It's a big orchestra. They haven't anything like that in local talent. Listen."

There was a bit of patter and a familiar voice. "Didn't I tell you? It's Brokenshire. Of course, it's hook-up, but it sounds like a big, tinpan parade. Do you suppose it's those confounded tubes again? And only last week I paid Harvey \$30 for a complete new set. I thought we were all fixed for a year at least."

Mr. Taylor regarded the china dogs with gloom, and his set with distaste.

"Well, there isn't a particle of bass coming in, and it sounds all wiggly-like and distorted like the picture in the ads," said the feminine critic. "It certainly isn't good radio. Why don't you try another station?"

"Station was all right last night. I'm going to call Harvey and make him come over and hear it. He's been stuck with some bad tubes, and I'm not going to put up with this kind of—"

"Little White Lies" came to a dismal climax with a jangling of piano chords, and the disgruntled set-owner cocked his ear for the announcement.

"Ladies and gentlemen, this program of Hamm's Harmonists has come to you by means of an electrical transcription."

"Ha!" snarled Mr. Taylor, as he advanced upon the instrument with the stride of a grenadier. "So that's it, is it? Phonograph records! Well, goodbye, station, we're going away from here." He spun the dial viciously. "Any time I want to spend my evenings listening to canned music, I'll get KWKH, but I didn't expect it from an old reliable like you. Of all the confounded nerve!"

In came a small studio orchestra, but the soft wail of the 'cello, the sonorous thump of the bass viol were all as perfect in tone as though the orchestra were encamped upon the Taylors' davenport with the leader in the Cogswell chair.

"There, now, that's more like it," and, with a

grunt of relief, Mr. Taylor resumed his paper, while his subconscious was soothed by the soft melody and the knowledge that all was right with his world. Some time later he startled Mrs. Taylor so that she dropped her cards, by hissing, apropos of nothing: "Phonograph records!"

Should you perchance sit in your house by the side of the road with a weather ear alert for the reactions of Mr. Taylor and his brethren of the fraternity of radio listeners, you will be conscious of a growing rumbling of disapprobation in regard to what seemed, on the face of it, a grand and glorious idea. Half an hour's entertainment, planned by program experts and presented by wellknown artists, all complete and recorded on a huge disc which may be sent hither and you across the land, sounds like an ideal solution to problems of station managers and feature sponsors alike. But, in spite of the fact that they are dressed up with the new cognomen-electrical transcriptions-any one with his ear to the ground knows that to the seasoned listener they are still phonograph records. For some reason this stubborn fraternity doesn't seem to agree with Mr. Thorgersen, who, on Saturday nights, is so fond of reminding us that "gone are ancient prejudices,"

In fact, the attitude of the nonconformists is very similar to that of the precocious child who was responsible for the historical utterance:

"All right, have it your own way. It is broccoli. But I calls it spinach."

Even though the transcriptions are more perfect mechanically than the one which so excited Mr. Taylor's wrath, and occasionally one hears a reproduction that only the most sensitive ear can distinguish from an original presentation, the prejudice is there, doubtless a hangover from the days when records were the stand-by of the small, unimportant station, and were played over and over until threadbare. However, there is another angle that seems to voice the objection of the majority who have become accustomed to the prodigal talent of the great chains.

Mr. Taylor succeeded in getting himself tremendously stirred up on the subject, since immediately following his evening of annoyance he chanced upon several articles dealing with the great possibilities of the future of canned radio programs, and feeling that the whole structure of organized broadcasting was about to tumble about his ears, he took the time to pay a visit of protest to Johnny Fisk, radio editor of the *Times*.

Johnny, unfortunately, was young, inclined to

be enthusiastic over the big discs, and immediately struck the wrong note.

"Why, man," he said, "it's marvelous. It's going to revolutionize radio. Now, take the small stations—"

"No, you take 'em. I don't want 'em," said Mr. Taylor, sourly. "It's when I tune in on stations like WJR, WSB and WLW, and find them all grinding out records at the same time, that I want to know what we are coming to."

"But, Taylor, it's the same thing."

"Yeah, same thing, only different. Don't you know it's the human element in radio that has made it what it is? And while we know our chain programs are rehearsed and timed to the second, they still manage to retain the spontaneous and impromptu attitude that appeals to the listener. I'd like to know where all the personalities of radio would be to-day if we had come to know them by means of records. Take dear, lovable, stuttering Roxy, for instance. Can you imagine canning him and all his funny little grunts and asides on a record? Why, back in the old Capitol Theater days that's what we listened for. It wasn't his entertainment, fine as it was, that drew thousands to him, it was the personality of the man that got over in his intimate little chats. If this thing goes on, the future generation won't know any more about the world of broadcasting than they do now about the legitimate theater.'

Mr. Fisk rubbed his nose reflectively and said: "I see there's something to your argument. I'm rather young at this game, and don't get the slant on radio personalities that you chaps have who have been tied to your sets for the past five or six years. You probably know more about these people than I do."

"I think I do, and I'm proud of my judgment," said Mr. Taylor, firmly. "Getting away from records for a minute, though it fits in with the argument, do you know it's surprising how many of the radio entertainers whom I once regarded as my private property have gone to the top? And every blessed one of 'em attracted me by some little personal quirk that made me hunt them up when no one else seemed to have heard of them.

"Here's Gene and Glenn, who just went on the hook-up this past winter. Of course, Ford and Glenn were known for years. But take this man Gene. I first heard him down at WLW when he was part of another team, and I had quite a time convincing my wife he was doubling as Jake. He used to go out to the ball games with the announcer, and it was Jake's comments on the players that convinced me he was a real humorist. But when I look back I remember that nobody else seened to think that boy had anything.

"And way back years ago, before stock-market crashes and hard times, I got all steamed up over

a chap playing piano at WJR. He was part of a team, Little and Small, and before long I was scurrying around the dial listening for that unusual touch on the keys that meant Jack Little. And now he's a chain artist.

"I even take credit for discovering Rudy Vallee in our circle. It was months before a line had been printed about him that I heard him one night broadcasting from a night club. It was his announcing that caught me first, and I was a month finding any one else who had heard him, or recognized that there was something different there.

"Oh, yes, I almost forgot Bill Munday. I'm proud of my judgment there. I'm a long way from Atlanta, but I've always liked that station, and one night I caught this Southern drawl broadcasting a Georgia Tech game. I stayed by till I heard his name, and told my wife I had discovered a new football announcer. Ann said it was just that I liked Southern voices, but I said: 'No, he's got what McNamee has. He's so bubbling over with excitement and enthusiasm himself, he manages to get it over to the listener, and, besides, he knows football.' And when years afterward the unique Mr. Munday turns up as an NBC star, I am just as pleased as though I knew him personally. And there are a dozen others of national prominence that I've known since the days of crystal

"I think I see why you feel so strongly in regard to electrical transcriptions," said the editor. thought at first you were a delegate from the musicians' union, but it is apparently the humaninterest side of radio that appeals to you."

"Not altogether. I'm fond of good music, and play the violin a bit myself. I'm one of these happy persons with a catholic taste that can enjoy anything-so long as it's good-from slapstick to opera. I'll give you the records for soulless things like symphony orchestras. One doesn't ex-

pect an oboe player in a symphony to get over to you the fact that he's a Sigma Chi, and would be a nice chap to have to dinner. Personally I don't think I'd like an oboe player. But my point is that each of these features that have made good got to me originally by projecting a real flesh-andblood personality in a spontaneous manner over the air. And you can't do that by mechanical methods."

Mr. Fisk tuned in the local station on the office set by his desk. To his great joy they heard the unmistakable voice of Rudy Vallee singing "Deep Night."

"Now, I ask you," he demanded, "can you or anybody else tell me whether that is Rudy or a record?"

"Sure," answered the obdurate Mr. Taylor. "It's ten o'clock in the morning, and Rudy's still in bed. Besides, it might be Will Osborne. But I won't argue with you. I still calls it spinach."

The fee the



HISTORICAL offenders are being returned to the bar of justice in the new Famous Trials of History series, which was inaugurated late in March. The trials are broadcast each Sunday night from 10:15 to 10:45, Eastern Daylight Time.

The series opened with a hearing for Benedict Arnold, condemned by generations of Americans as a despicable traitor, with Clarence Darrow defending the traitor. The prosecution was conducted by James M. Beck.

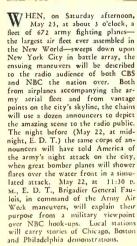
The second notorious character of history

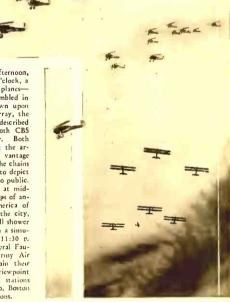
to face the radio jury was Napoleon Bona-



parte, accused of the murder of the Duc d'Enghien. 'Arthur Garfield Hays acted as prosecutor, and Dudley Field Malone defended the Corsican, and a distinguished group of Congressmen, jurists and private citizens acted

The trials are conducted in the NBC Times Square studios, and are broadcast over a net-work associated with WEAF. Other historical personages who, it is expected, will be retried in the radio series, are Jesse James, Captain Kidd, Joan d'Arc, Marie Antoinette, Captain Dreyfus, Lord Essex and many others.







UNDER the leadership of Arthur Pryor himself, the Cremo Military Band-thirty-two pieces strong—brings a fifteen-minute program of martial music via radio through more than sixty associated CBS broadcasting stations every week-day night,
Over the air comes a roll of drums—then

twenty words of advertising talk—another ruffle by the lad with the drumsticks, and instantly a band cuts loose with the well-known strains of Sousa's "High-school Cadets."

Hear those brasses! How the piccolo cuts across the clarinets! Catch the rumble and growl of the bass drum below it all! sciously you straighten up, your shoulders go back, your chest comes out. If you had with you now that chap who tried to trim you on a business deal to-day what you could do to him! But there's another day coming-

and you don't feel tired any more.

That's an epitome of what Arthur Pryor's

Cremo Military Band is doing for America six nights a week over the WABC-Columbia coast-to-coast network. Martial music played by an unsurpassable band was what the client called for, and thousands of listeners are riting in to say that's what they are getting, and that for them it's a radio tonic.



# Regional Views and Reviews

## Ramblin' Roun' Radiolan'

With the Red-headed Music Maker

CINCINNATI, O.—Hello, Folks! How are you all this evenin'? Been hoppin' 'round like a Mexican jumpin' bean lately—hither and thither, mostly thither! Left Hot Springs for Chicago, then Detroit, St. Louis, and now down here—Cincinnati—a magic name, a happy, music-louine people.

py, music-loving people, a great city!

I came here for the first time in show business in 1917, appearing in small-time vauderville with my own act, "The Singing Xylophonist," at the then very old Empress Theater out on Vine Street. Recall stopping at the Stagg Hotel and eating every evening meal that week at a chile parlor near the theater at ten cents a meal (five cents for the hot dog and five cents for the bowl o' chile). Came back a year or two later at the same theater with the same act, but "chair-carred" it in that time as a member of a burlesque company. Then came radio, and in I came again, appearing this time at the gorgeous U. S. Playing-card Station, WSAI. Immediately dubbed it "The Pinochle Palace," for it was a palace compared to most studios in those days. Six months or so later buzzed in again, to camp this time at Crosley's WLW. Believe it was this trip that Powell Crosley gave me his own personal portable Crosley set to carry away with me in my ramblins. In and out of this radio-interested city so much at these two studios during the early days of radio that I kinda lost track—in and out on business, too, for this is the home office of Wurlizer's and used to be of Brunswick. Many, many personal appearances in Victor and Brunswick stores autographing records—one personal appearance at Pogue's with one thousand folks in the audience and five hundred more trying to crowd in. Once again at Pogue's with the same results. One personal appearance at Music Hall with over three thousand fans coming out to see me. Then topped it all off about two years ago by headlining the then brandnew E. F. Albee Theater, one of America's finest theaters, appearing that week to an estimated seventy-five thousand radio fans. How and I help loving Cincinnati? It's been mighty

timated seventy-five thousand radio tans. How can I help loving Cincinnati? It's been mighty good to me. Yes, suh!

Cincinnati's been good to a lot of folks. There's Haven Gillespie, one of America's greatest song writers, who hails from Covington, across the river. Little Jack Little has his home out in Hyde Park. Ben Alley and Helen Nugent, CBS artists, are Cincy home folks. Jean Little Galespie and the distributions of the control of the second of the control of t folks. Jerry Litchkoff, pioneer radio editor, still on the Post. Paul Greene, now the CBS genial "old master" on things technical, built the original WSAI station, managed and announced there, for several pioneer years. Then there's Fred Smith, one of the greatest radio idea men this country has produced. One can't think of radio Cincinnati without thinking of Fred. He was manager-director-anmuncer of WLW for five or six pioneer years.
WLW can thank Fred Smith a lot for the position it now holds. Fred has continued to do big things in radio since leaving Cincy. Connected with Time Magazine, he originated and produced "Newscasting" and "Newsacting" for them. Then just a week or so ago came the new "March of Time" program over CBS, a dramatization of memorable events of the week—a new kind of reporting of the news. Of course, Fred originated the idea, worked it out and writes the entire show. It will make radio history-watch it! Fred, too, worked with me during 1929 on the Matoo, worked with me during 1929 on the Majestic Hour, and was responsible for much of the continuity, publicity and ideas that made this hour outstanding. Yes, and Cincy is the home of WHAT'S ON THE AIR—we won't forget that! Likewise, we can't forget that one of America's greatest individual stations, WLW-WSAI, the home of the Crosley set, is in Cincy. Overlooking the hills and covering a full floor atop the Crosley plant this powerful station is a heautiful workshom. covering a rull moor atop the Crosley plant this powerful station is a beautiful workshop. It is one of the most efficiently laid-out plants to date—thanks to Joe Chambers, the twenty-seven-year-old technical supervisor, who installed the 50,000 Watt Transmitter. Ralph Haburton, the pioneer of the station, tells me that Seger Ellis has just joined the staff—that "Salt and Peanuts" are popular (it used to be Salt and Pepper in vaudeville, but Salt became attached to Peanuts. That left Pepper out in the cold, and put Peanuts "in the bag." Then the old Salt married Peanuts, and they've been stickin' together ever since). That Don Becker, of the Continuity Staff, is the last word on playin' a ukulele, and his new "Rhapsody for the Ukulele' makes one's Rumba blood boil. The McCormick Fiddlers, Bradley Kincaid, Glenn Sisters, Brooks and Ross and "Old Man Sunshine" are all goin' great and saturatin' the ether plenty from the "nation" station." More power to lend.

"Rhapsody for the Ükulele" makes one's Rumba blood boil. The McCormick Fiddlers, Bradley Kincaid, Glenn Sisters, Brooks and Ross and "Old Man Sunshine" are all goin' great and saturatin' the ether plenty from the "nation's station." More power to 'em! By the way, the radio pillow has arrived, intended mostly for hospitals and Pullman cars. Still it will come in mighty handy for the auto tourist in "Mood Indigo" on his back under his broken-down calliope forty miles from nowhere, gettin' a "Cheerful Little Earfull" as he gets his tearful little eyefull—Awful! Surprising how backgammon and "games" have cut into the sale of playing-cards. The times do change, and one must change with them. Hairpins and hairnets are selling strong again. Talked to a bird the other day that admitted he was one of the chosen few who could listen to the radio and read at the same time. No foolin'; in the conversation he said, "Why, sure; now, last night, for instance, I was listenin' to Amos 'n' Andy and readin' the funny paper at the same time." Was in the Chicago office of the Broadcasting Checking Bureau talking to Nate Caldwell a few days ago when a fellow across the hall "goes snap" and tries to throw himself out the window. The same day a bum comes to

the back door and the maid gives him a chunk o' apple pie. I go by the door just in time to hear him crab, "Who ever heard o' servin' apple pie without some cheese?" Depression is evidently bringing on a stack of Prosperity Model Burns. The biggest song hit in the country to-day, "When Your Hair Has Turned to Silver I Will Love You Just the Same," written by Peter DeRose as a tribute of honor to May Singhi Breen, who is Mrs. Peter DeRose Breen in private life. I'm surely tickled about it, 'cause I presented Breen and DeRose on the air for the first time as man and wife. In some of these new color television sets you can't tell whether it's "The Stars and Stripes Forever" or the announcer's necktie. The field is now ripe for "Spot Broadcasting in Person." With the proper advertising and publicity local tie-up, and with the right national radio personality, the results are measured and unlimited. Musicians around St. Louis aren't makin' rehearsal notations of medleys in their date-books any more. Bill Jones, a 'cello player, had domestic trouble. The big blow-up came when she, in rummaging around his personal effects for evidence, found this notation in his date-book: "April 4—'Margie'—then 'Black Eyes'—then back to last eight bars."

Well, here's the results of that impromptu, unpublicized broadcast of mine from KTHS that I told you about last month—257 letters from thirty-eight States, five Provinces of Canada and Hilo, Hawaii. Arnoux won the bet, but I'm still happy! Plenty for now. I'll be seein' you next month with a little R-Tickle about Detroit. So until then, see you pretty soon—pretty sooon—pretty so-o-o-o-o-o-o-n. Nite Owl.

Sincerely,

WENDELL HALL.

## World's Fair Radio Center

Joseph Ator's Chicago Radio Chatter

THE theme song for the wise-cracking Ben Bernie and his orchestra properly should be "The Anvil Song." For Papa Ancel—that's Ben's real name—swung his sledge in a blacksmith shop under Brooklyn Bridge on New York's roaring East Side. Grandpa Ancel had been a blacksmith before his son, and for three generations before him the sturdy arm of an Ancel had tended the village forge in the family's European home.

It was in that cacophony of clanging steel and rumbling traffic overhead that young Ben put bow to his first violin. That he received much encouragement from his father is a matter of doubt, for the worthy blacksmith had other ambitions for his son. He intended him to be an engineer.

He very nearly accomplished his plan. Ben went to the Columbia University School of Mines and Engineering and to Cooper Institute, and it was not until he ran into calculus that he decided that he'd rather spend his life deciphering musical scores than quadratic

So at seventeen we find our hero demonstrating \$4.98 violins in a New York department store, explaining, as he did so, to slightly baffled prospective customers, that if his music annoyed them, he suffered even more himself. A vaudeville booking-agent chanced to hear his patter one day. He persuaded Ben to try out at an amateur night in a neighborhood theater, and subsequently gave him booking over a long string of one-night stands.

Ben started out to treat his audience to classical music. A lanky mountaineer in an Ozark 'opry-house' cured him of that. The young musician was in the midst of a difficult selection when the mountaineer, a rude fellow with no regard for the finer things of life, loosed a stream of tobacco juice with deadly accuracy from a box, which landed with a resounding "tunk" on the bridge of Ben's fiddle.

He walked off the stage in a rage. Then he walked back and told the mountaineer what he thought of him. As he soared into the higher realms of irate fancy in his description of the yokel's shortcomings, the house roared with glee. That convinced Ben that some one else could uplift the musical

taste of America. He set out to amuse it by droll comment on its foibles, using his violin thenceforth much as Will Rogers long used his lariat.

He climbed up to the "big time" of vaudeville. His partner on that climb was Phil Baker. They played together from 1910 until the war separated them. Then he got a new ambition when he heard Paul Whiteman lead his orchestra at the old Palais Royale in New York.

He organized his own band. It made a national reputation at the Hotel Rosevelt in New York. Last fall he came to Chicago to open the new College Inn, a night club which had seen Isham Jones start on the road to fame in an earlier day.

Within a month, Bernic had become an institution in Chicago night life. In additional to the product of the product

Within a month, Bernic had become an institution in Chicago night life. In addition to his nightly broadcasts—WBBM—he is on the Columbia chain at 10 P. M. (C. S. T.) every Thursday.

经

WBBM and its newspaper affiliate, the Chicago Illustrated Times, staged a radio spelling-bee recently with the microphone set before the young contestants.

76

Candidate for the Believe It or Not Club-Leon Bloom, distinguished pianist and leader of the Columbia Farm network concert orchestra, who named his daughter May Blossom Bloom.

32

Frank E. Mullen, director of agriculture for the National Broadcasting Company, recently was given the added duties of adviser on all religious and educational programs originating at the chain's Chicago headquarters.

986

The speech department of Purdue University at Lafayette, Ind., has been conducting a radio drama contest along the lines of the conventional play contests. N. B. C. oficials, who declare it is the first attempt within their knowledge to enroll anateur writers

of broadcast sketches in competition, have arranged to broadcast the winning play over

42

WGN conducts a "Port of the Missing" every noon for persons whose relatives have lost trace of them in Chicago. One of the hardest tasks of the studio hostesses is explaining to forlorn urchins and doting dowagers that lost dogs are not eligible for the program.

163

Bobby Griffin, KYW announcer, recently ballyhooed over the air some civic pride statistics to the effect that the average Chicagoan has only about one chance in four hundred, or some such figure, of being held up during the year. A bandit "took" him for 550 that same week.

23

Alma Sioux Scarberry, newspaper woman and fiction writer, is the author of a serial radio play which WENR, new N. B. C. outlet in Chicago, puts on the air at 8:45 p. M. Tuesdays and 8:30 p. M. Thursdays, for fifteen-minute periods. The play, "Girl Reporter," is based on Miss Scarberry's adventures as a newspaper "sob sister." It may go on the chain later.

2

The fellows who heaved the grapefruit at Rudy Vallee might take a second thought before casting anything in the direction of Arthur Oberg, who has, in common with Rudy, at least a tenor voice and blond hair. He stands six feet four inches, weighs 235 pounds, puts the shot, is a broadjumper, a gymnast and a clever basket-ball player, and spends his Sunday mornings in the choir-loft of the First Congregational Church at Evanston, Chicago suburb. He is on the air from 11:15 A. M. to noon each Tuesday over WGN.

Alma Tramontin, who sings leading roles in the Kraft Theater Party over WMAQ from 8 to 8:30 p. M. every Thursday, received her first training in voice in an Alaskan convent. She was born in Juneau, her father's headquarters in his profession as a mining engineer.

He sent her to a convent near the town, and during the long, cold winter evenings one of the nuns discovered that Alma's voice had unusual qualities. She renewed her vocal studies with enthusiasm when she came to the continental United States a few years ago, and, following experience in light opera and on the concert stage, entered radio work.

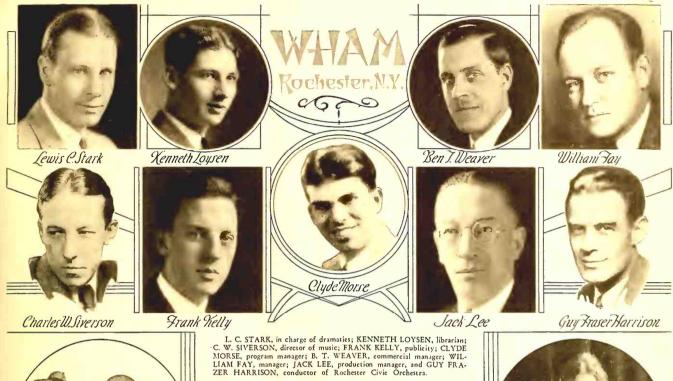
Charles Sears, who plays opposite her, spent his boyhood at Rantoul, Ill., where his father is an instructor in aviation at the army flying-school. Coming to Chicago as a young vocal student, he wondered why so many charming ladies and distinguished-looking gentlemen bowed to him on Chicago's Michigan Boulevard. Presently he discovered on meeting Mario Chamlee that he was a double of the famous star of the Metropolitan Opera Com-

200

Chauncey Parsons, who sings on the Farm and Home Hour and other N. B. C. features, claimed the title of radio's church-singingest tenor. Here is the roster of denominations for whom he has sung at one time in his career: Methodist, Presbyterian, Roman Catholic, Baptist, Christian Science, Congregational, Friends, Christian, Episcopalian and Jewish synagogues.

He sang in Billy Sunday's revival shows and on the stage in "Artists and Models," where he took the parts of a cantor and a cardinal in a sketch based on the history of music. He went overseas during the war, where he earned the title of the "John McCormick of the A. E. F.," and returned to break into radio in the well-nigh prehistoric days at KDKA in Pittsburgh.

He includes at least one hymn or sacred song in each of his Farm and Home programs, and that number always brings him his biggegst batch of fan mail, much of it from the members of congregations for whom he has sung, scattered from Pueblo, Col., his boyhood home, to New York City. He continues his church work too.





CAPTAIN BEAN and COLONEL COFFEE, the "Two Oldtimers" at WTMS, are favorites in the Milwaukee station's area.



THE ANNOUNCERS AT WGAR, CLEVELAND—Fred Borgerhoff, Fred Ripley, Bernie Strang and Steve Cisler (from left to right)—display the quality in their faces which is making WGAR known as "Cleveland's Friendly Station."



A. ASHCRAFT is the popular hostess at WCKY, Covington, Ky. Moreover, she is that station's wellknown "Crinoline Girl," heard Mondays at 7:45.



THE ILIMA ISLANDERS, staff Hawaiian troupe of Station WTIC, are foremost exponents in radio of the mutic of their native land. Here is hoping that some evening the WEAF-WTIC synchronization will flow reversely, and the Islanders will be heard on the chain.



THE JOHNSTON MINSTRELS are a headline feature of WTMJ, but unfortunately their May schedule is not yet available.

## looking through the Studioscope

One of the advantages of living on Long Island is that on one side of the island you can see the sound, and on the other hear the sea.-New York World.

"I once knew an artist who painted a cobon the ceiling so realistically that the

maid spent hours trying to get it down."
"Sorry, dear, I just don't believe it."
"Why not? Artists have been known to
do such things."

"Yes, but not maids!"-Selected.

100

Frank Knight's verbal Waterloo, in the form of the phrase "tawny tiger," came recently as he was enacting his role in Columbia's "Arabesque." The usually precise Knight's tongue slipped and the words emerged as "tiny "! Which recalls the fear of Alex Wollcott, "Early Bookworm," that h should some day refer to himself as "Burly Hookworm."

Pierre Brugnon, Evening in Paris master of ceremonies, has, within a comparatively short time, won for himself a following on the air which, at times, threatens to surpass even that of the renowned Chevalier.

Brugnon is a tenor. He is also a delightful Frenchman, despite the fact that he wasn't born in France!

Why "de spite"?

One of the oldest orchestras on the WABC air is that of Harry Tucker, who, before coming to New York, won fame in Florida for his unusual orchestrations for string instruments.

Harry plays regularly from the Hotel Barclay, and claims the record of being the oldest WABC band playing from a remote point (away from the studios).

#### EXCELSIOR!

He was a tall, gawky young man, who had come to Columbia studios seeking an audition. He was turned over to Minnie Blauman, who sometimes arranges such matters.

"What do you do?"
"I'm a tenor," the young man told her. "I'm the highest tenor in the world. I sing better than some, and not as good as most, but I sure sing higher!"

P. S .- He didn't get the job.

## THEY LIKE THE BANDS.

The wisdom of the sponsors of Arthur Pry-Cremo Military Band, which is heard six nights a week at 8 o'clock, over CBS stations, is revealed in the results of a questionnaire sent out by the United States Office of Education. It was addressed to schools in twenty-five States. Pupils were asked to check the type of radio music they most enjoyed, whether band, orchestra, voice or piano. The ratings revealed by the replies were: Band, 100 per cent.; orchestra, 97 per cent.; voice, 92 per cent.; piano, 80 per cent.

When friends asked Marion McAfee, Columbia soprano, how she could nerve herself to undergo an operation (as she recently did) with only a local anasthetic, and with her eyes open, Marion replied:

"After what I've watched in hospitals, that was nothing."

"What do you mean, 'watched in hospitals'?" they asked.

Whereupon Marion explained that she had trained to be a nurse, and was midway through her apprenticeship when she decided she would rather sing for her living.

Ernest W. Naftzger, impressario of Colum-bia's "Something for Every One" broadcasts, has just celebrated his second anniversary on

Statistics supplied by Naftzger indicate that

he has given away more coffee and cake to early morning radio artists than any one else in the broadcasting field. Among other things Naftzger reports that the artist traffic between kitchen and studio (he has his own broadcast-ing studio in his East Sixty-seventh Street home) has been so heavy during the fiscal twenty-four months that he has had to replace the linoleum three times.

Following his anniversary broadcast an ar-dent radio fan wrote Naftzger:

"Congratulations on your anniversary. Your program is fine and your jokes are getting worse fast."



When Otto Gray parades his Oklahoma Cowboy band before the NBC microphones, he brings the "real McCoy" in Western enter-The group was organized in Stilltainment. water, Okla., seven years ago, and made its radio debut through KFRU, Bristow.

#### SHOOTING STARS.

Announcer Don Ball is a bear for exercise: hatless, Ball runs, rather than walks or taxies, to remote points from which Columbia broadcasts. Freddie Rich, the orchestra leader, taxies any distance more than half a city block. Norman Brokenshire prefers walking unless his own car is near by. Ted Husing just adores taxis. He once took one from the Columbia studios to the Forest Hills tennis stadium!

Summing up: a majority of radio artists, announcers and other performers have established homes or apartments within a few blocks of the studios. Eighty per cent. of them hate to travel any great distance (five blocks to fifty miles) during radio series, fearing they will be late for a broadcast.

000

Irene Bordoni, piquant French comedienne eard in the role of "The Coty Playgirl" over heard in the role of CBS Sunday nights, is thrilled over her new venture.

"It eze zo wonderful," she exclaims in her delightful French accent, "I hope zat ra-deo will like me in ze same beeg way I like ra-deo. I've never before done thes dramatique part before thes 'mike' of yours."

Miss Bordoni's entire personality is distinctly and typically Gallic. In her home she speaks only French.

When she travels she takes her entire staff of servants along. She owns three luxuriously appointed homes on East Seventy-eighth Street, just off Park Avenue, another in a Paris suburb, and a third on the Riviera. took her five years to completely furnish her New York residence. She is actually a home body, and dislikes appearing in public.

Last week, as Jesse Crawford was leaving the photograph studios with Mrs. Crawford and Jessie Darlene, their daughter, who is eight and very, very observing, the group passed by the Paramount Theater, and little Jessie recognized a huge painting of her daddy on the billboard. She scrutinized it for about two minutes and then, jumping up and down and clapping her hands in the midst of a typical Square matinee crowd, screamed at the

top of her voice:
"Looka daddy, looka daddy, he's all sunburned in that picture!"

And when the crowd discovered that the entire Crawford family was in its midst . . well, the elder Crawford was all "burnt up' out of the picture.

"Gee, I wish I was that Lombardo fellow!" a young girl sitting in Studio 5 of the Co-lumbia Broadcasting System was heard to remark just as the popular dance orchestra maestro concluded another of his Robert Burns

If you were Guy Lombardo, little girl, you would get up at ten in the morning; begin rehearsing new selections by eleven, and continue rehearsing until three or four in the afternoon. After a possible three or four hours for matters of business, you would spend maybe a half-hour dining; rush into your evening clothes and to the Hotel Roosevelt to play until about two o'clock in the morning. With this routine varied on Monday by ris-ing at eight instead of ten, and with the inclusion of the Panatela broadcast.

And, little girl, do you still wish that you were that Lombardo fellow?

It is common enough for a broadcast to receive congratulations after it has occurred, but there is an element of news in the reception of close to thirty congratulatory telegrams prior to an official premiere. That happened in the case of "The March of Time," a new Columbia feature. An audition that amounted to a preview was sent by wire to all of the stations of the network in the afternoon with audiences limited to station bersounel, newspaper men and other guests in the various cities. The telegrams, most of them from radio editors, were received before the first real broadcast of "The March of Time" went on the air.

"The March of Time," incidentally, needs the service of twoscore actors and technicians in addition to a symphony orchestra. Rehearsals for the program, which is sponsored by Magazine, consume almost twice the usual time because of changes in the continuity necessitated by inclusion of last-minute news

happenings.

In April, WTIC received six letters ac-knowledging reception from fans in Paris, France, and that one day's mail contained twenty-six letters from people who had heard WTIC programs in New Zealand. That's thirty-five hundred miles castward and eight thousand miles westward,





Studio Hostess-Now, Matilda, I want you to show us what you can do to-night. have a few very special guests coming in for a musical evening.

Maid—Well, ma'am, I ain't done no singin' to speak of for years, but if you-all insists upon it you can put me down for "The Holy

Studio story-telling is occupying the time of radio thespians at Columbia System studios these between-program times.

Tom Tarrant, the noted "blackout" theatrical writer, whose "gags" and stories have been dramatized for Earl Carroll's Vanities and Shubert Shows, is now producing the "minute dramas" for the Tuesday night Henry-George half-hours.

Tarrant has been telling the one about the lady in the department store, who for half hour had the clerk pulling down from high shelves hundreds upon hundreds of varied designed and colored blankets. Finally the clerk piled upon the counter all but the last blanker.

"Why, there's one blanket left up there,"

the customer complained.

"That is exactly the same as the one I showed you with the blue border. Now that you've seen all our blankets, which one do you wish to buy?"

"Oh, I'm not going to buy; I'm just looking for a lady friend of mine," was the reply.
"Well, madam," replied the clerk, "if you really think your lady friend is in that last blanket up there, I'll take it down for you!"

In his spare time Nick (Daddy) Dawson, of Columbia's clever skit, "Daddy and Rollo," does a bit of portrait painting. He says that although he's been trying for years, he has never been able to play an ocharina or, do card tricks, although he could sing if his friends around the studios would only let him. They never have, and late reports indicate that they never will.

Once he took a job as scenery painter with a group of barnstormers. They lost one mem-ber of the cast by the wayside (he married a farmer's daughter, or something, Nick says) and Nick suddenly awoke one morning to find that he was an actor.

Two years later Dawson gave up acting to become the press representative for a circus, which finally led to the advertising business. The World War ended this career, and between trenches Dawson found time to produce shows the doughboys, which flourished and continued until Dawson was badly wounded.

Lee Morse's voice is as big as she is small. She weighs sixteen ounces less than a hundred pounds. She was born in Tennessee; raised in Texas, while her father has a parish in Allen, Okla. Her parent, the Rev. P. J. Taylor, is one of the eight original "Texas Rangers"—only three survive. For two years Rangers''—only three survive. For two years Lee Morse headlined the Pantages Circuit without a single week's layoff. Appeared opposite Raymond Hitchcock in "Hitchy-Koo," and later was featured in "Artists and Models." An exclusive artist with the Columbia System, she is heard with the Van Heusen program every Friday. Has written over two hundred songs, including "The Tune that Never Grows Old." Excellent guitar strummer. In spare time she fabricates poems and short stories. Takes daily horseback rides. Reads books until 3 or 4 a. M., and then sleeps until noon. Has keen sense of humor. She is too impatient to sit in a card game. is too impatient to sit in a card game Her favorite actress is Greta Garbo. Has made over 235 phonograph recordings. She speaks any number of Indian dialects.

Did you know that:-Norman Brokenshire, the "it" announcer, is back in New York following many weeks of Florida-Havana sunshine?

You shouldn't miss Harry Salter's special comedy arrangement of "All the King's Horses"?

Guy Lombardo rehearses his Robert Burns

Guy Lombardo rehearses his Robert Burns Panatela Band all afternoon Mondays? The "Shadow's" new studio disguise ac-tually frightened some of the guests last Thursday in the Detective Story half-hour? Chester Tallman, the baritone, is six feet two inches tall?

A listener has requested that "A Peach of A listener has requested that "A reach of a Pair" be played on the Sunkist Musical Cocktail broadcast which comes from Los Angeles over Columbia. The program curiously is sponsored by the California Orangegrowers Exchange?

Brad. Browne, he of the Premier Chefs, writes more than fifty original songs each

Lorna Fantin, Old Gold Character Reader, is only twenty-four?

Ted Husing is so fidgety that he can not stay in one place longer than ten minutes—

unless he's broadcasting?

Ninety per cent. of the announcers you hear have to read what is prepared for them by somebody clse?

Herbert Glover, director of CBS Remote

Froadcasting, travels mostly by air?
For the first time in six years, Ann Brae,
WABC's "Miss Mytfine," is working in radio
without her husband?

Mary and Bob, radio's original sweethearts, have written a book about themselves?

Ida Bailey Allen has her own set of studios at 1819 Broadway, which are sufficiently large to satisfy any ten small broadcasting stations

California broadcasts piped to you locally ound deeper in tone because of the capacity influence of the wires which carry them three thousand miles?

Charlotte Harriman, known to a wide public through frequent appearances over Columbia stations, collects old silver as a hobby?



Eddie East and Ralph Dumke, NBC's Sisters of the Skillet, weigh almost five hundred pounds between them. Each tips the beam at a figure far in excess of two hundred.



Frankie Pinero, NBC violinist, featured with Breen and de Rose on Radio Luminaries, was a star sprinter in his school days.

She-Have you ever had a lesson by corre-

He-You bet! I never write to women now.

The tubes in the new WEAF transmitter at Bellmore, Long Island, cost approximately \$1,700 each. Each tube is half encased in copper. 120

There are more than one million pieces of music, many of them special arrangements for various instrumental and vocal combinations, in NBC's musical library in New York.

Gertrude Berg, author and leading woman in NBC's "Rise of the Goldbergs," is one of is one of the few nationally celebrated radio stars who are natives of New York City.

Homer Smith, top tenor of the Southernaires, NBC's negro quartet, featured in Southland Sketches, is a nephew of W. C. Handy, father of "St. Louis Blues" and other famous blues songs. 020

The judge had pronounced sentence of execution. "You may be granted any one wish before you die," he said.

"All right; Oi want to larn Chinese," replied the Irish prisoner.



Harry C. Browne, originator and producer of Hank Simmons' Showboat series, admitted to your columnist yesterday that the nearest he'd showboat was half a mile. That was fifteen years ago, and he had to climb a tree on a hill to see it.

But then, Dante wrote "The Inferno" without having seen it. 600

The Boswell sisters, purveyors of hot, vocal harmonies, who recently came to New York from the NBC San Francisco studios to give Eastern listeners a taste of their Deep South singing, started out in life as a classical string 100

"And what would I have to give you for just one little kiss?"
"Chloroform."

Father (to Ikey)-Vat is another word for snake, wid five letters?

Ikey-A viper.
Father-You silly! That's a handkerchief. -Tid-Bits.

Charles Tramont, NBC talkster, who has long been identified with Phil. Cook's pro-gram and other well known features, is the latest of the announcers to acquire an executive's job. Tramont is now an official in NBC's program department.

100

Miss Bertha Brainard, program manager for NBC, entered radio as an artist. She was WJZ's dramatic critic in 1922, and each week sent to listeners a summary of the current theater called "Broadcasting Broadway."

Sponsors of the Mobiloil program, heard weekly through NBC channels, have ambitious plans for a summer series. The plans include weekly recitals by Gladys Rice, so-

Professor Boreleigh (apologetically)—If I have talked too long it's because I haven't my watch with me, and I saw no clock in this studio.

From Control Room-There's a calendar behind you.

#### PRESERVING THE SPECIES

"I sincerely hope it will be a boy this time," said the pompous little man, "for it would be a thousand pities if the name of Smith were to become extinct."—Tit-Bits.



Lady-Have you ever been offered work? Tramp-Only once, madam. Aside from that, I've met with nothing but kindness.-Christian Science Monitor.

Although she had been traveling steadily for almost two months, Madame Ernestine Schu-mann-Heink, NBC operatic counsel, left New York for California immediately after the Roxy Tour had concluded late in March.

The featured artists of the morning Campbell broadcasts through NBC networks include Lew Conrad, novelty vocalist, and Andy Sannella. The program is noted among lis-teners as the "night-time feature of the day."

Phil Cook's "Eddie"-Why is Mabel so angry? Phil gave a full account of her wedding.

P. C.'s "Abner"—Yes, but he said that Miss Blackwell was married to the well-known collector of antiques.

### PAGE TELEVISION!

"See that girl there—hic? Well, she's a ar. She told me she had two brothers and one sister—hic—and I just asked her brother, and he said—hic—he only had one brother and two sisters."

Andy Sannella, orchestra leader and solo instrumentalist, heard on many NBC programs, finds time to be a radio amateur after his musical day is done. Sannella owns a shortwave radio station, and is in almost nightly communication with many far-flung corners of the world.

Billy Iones and Ernie Hare, the NBC's Interwoven Pair, estimate they have made almost half a million phonograph records. Under one name or another the singing fun-sters claim to have "been on" every make of record ever pressed.

Charles Francis Coe, writer and criminologist, who inaugurated a series of gangster yarns over NBC networks a few weeks ago, is an Irish dialect comedian in private life. His Irish characterizations are rated second to none on the speaking stage.

Forty-three old family hymnals have been sent to Phillips H. Lord, NBC's "Seth Parker," since the first of the year. Most of the donors explain that the old books are treasured heirlooms, but Seth Parker's hymn sings so typify the memories evoked by the hymnals that he should have them for safekeeping.

Peter Dixon, whose Raising Junior series for NBC will shortly be changed to one program a week, has signed a new contract with the Wheatena Company, sponsors of the pro-gram. The document calls for a series of weekly broadcasts during the summer, and for the daily sketches to be resumed in September.

Charles Warburton, English actor, who traitor in NBC's recent "Trial of Benedict Arnold," was a leftenant in the British artillery during the war. He served four years on the Western Front.

#### OR A BROADCASTING STUDIO

"The snake to which I refer," said the schoolteacher, "is said to move with mathematical precision."

"Do you mean an adder, sir?" suggested a bright pupil.

Vaughn de Leath, NBC's "original radio girl," Vaughn de Leath, NBC's 'original radio girl,' denies that the style of singing she created is crooning. Miss de Leath prefers to be called a "qualtoniste" rather than a "crooner." But "crooner" or otherwise, Miss de Leath is distinctly in a class by herself.

More than twelve thousand letters were received within forty-eight hours after Ted Lewis had inaugurated his Club Valspar program series over an NBC network. The programs, heard Saturday nights, mark the band leader's first sustained series over a network.

#### THE "SWAN" SONG

The Girl-So you've seen daddy, darling? Did he behave like a lamb?

Suitor (grimly)—Absolutely! Every time
I spoke he said "Bah!"

Billy Jones and Ernie Hare are the only NBC entertainers who always carry their own stop watches. Their numbers and patter are timed with split-second precision in the sanctimed with split-second precision in the sanc-tity of their office before they come to the studio for a rehearsal. But many listeners would rather they did not bother to stop the

One of Europe's most famous radio stars is being heard every Monday afternoon in recital over an NBC network. He is Franz Baumann, noted tenor of German Talking Pictures, and of the Reichs Rundfunk Gesellschaft, which is the National Broadcasting Company of Ger-many. Baumann sings from the NBC new York studios.

Harvey Hays, NBC actor who plays "The Old Timer" in the Empire Builders sketches, has become a radio director. He directs and plays in the series of one-act plays which are broadcast from the NBC Chicago studios every Monday afternoon at 1:30 o'clock E. S. T.

"Synchronized conversation" is what that fun-team, Bradford Browne and Al Llewelyn, are calling the "Premier Chefs" act in which they participate each Tuesday night before WABC-Columbia microphones.

Their announcements, as joint masters of ceremony, are offered in perfect synchronism. Each breath is measured and accurately timed; each word receives just so much intonation; pronunciation, of course, must be perfectly coordinated . . . oh, it's not so easy, that fifteen-minute period.

You know—too many cooks spoil the broth so Brad and Al try to sound like one.

"Dearest Annabelle," wrote Oswald, who was hopelessly in love. "I would swim the mighty ocean for one glance from your dear for one touch of your little hands. I would leap the widest stream in the world for a word from your lovely lips. As always, your Os-

"P. S.—I'll be over Saturday night if it doesn't rain."

Most radio actors read their lines from manuscript, but not so with Ferdinand Gottschalk, famous star of Broadway productions. When Gottschalk appeared as one of the guest stars in a recent RCA-Victor play, he surprised the director and other members of the cast by virtually discarding his script in the actual broadcast. But he didn't miss a single line.

#### TUNING IN

A motorist had just crashed a telegraph pole. Wire, pole and everything came down around his ears. They found him unconscious in the wreckage, but, as they were untangling him, he reached out feebly, fingered the wires and

"Thank heaven, I lived clean—they've given me a harp."

The NBC occupies seven floors of a fifteenstory office building in New York, and a small portion of the office force has recently invaded an eighth floor. The broadcasters also have taken over the basement and roof of the building. The company also maintains a huge "show" studio, with a seating capacity of six hundred, on the roof of the New Amsterdam Theater at Times Square.



Mrs. Gabble-Did Mrs. Jones ever say any-

Mrs. Johns ever say anything to you about me, dear?
Mrs. Jabber—Not one word, Jane. If Hester Jones can't say something good of a person, she doesn't say anything.—Selected.

Vincent Lopez was one of the first orchestra leaders ever to go on the air. According to the old master program book for WJZ, Lopez brought his orchestra to the tiny cloak-room studio which housed the station in Newark for a Sunday afternoon concert, on Feb. 26, 1922. Lopez was "spotted" on the schedule between a time announcement and a recital of children's songs by a twelve-year-old miss from Montclair, N. J. His programs from the St. Regis are still among NBC's most popular dance features.

Ever hear of a radio celebrity who was known to his listeners only as "AJN"? It's no other than Milton J. Cross, NBC's veteran announcer and diction award winner. Although he began broadcasting in 1922, until 1925 his full name had never been heard on the air except when he sang vocal solos. In the early days announcers identified themselves with letters, and AJN was Cross' designation. A stood for "announcer," the J was for his own middle initial, and N was for Newark, where WJZ was then located.

A commentary on the evolution of radio studios was made by Mrs. Julian Heath, NBC's menu expert, when she recently dedicated the luxuriously furnished new speaker's studio at 711 Fifth Avenue. From the depths of a richly upholstered chair, she laughingly ex-

'This is an incredible contrast to the experience I had when I first broadcast nearly seven years ago. I remember that I talked seven years ago. I remember that I talked into the microplone from the summit of a high chair, which had evidently been intended for a long-legged 'cello player. And when I ended my thirty-minute talk, I was so stiff the announcer had to lift me to the floor." Mrs. Heath has been on the air regularly, five days a week, for six years and a half.

WJZ and WBAL synchronize as follows:

W]Z and WBAL synchronize as follows: Mondays, Wednesdays and Fridays, after 4 P. M.; Tuesdays, Thursdays and Saturdays, until 4 P. M.; Sundays, after 7:30 P. M.. WEAF and WTIC synchronize as follows: Mondays, Wednesdays and Fridays, until 4 P. M.; Tuesdays, Thursdays and Saturdays, after 4 P. M.; Sundays, until 7:30 P. M.



TID IFWIS and his orchestra visit the Club Valspar each Saturday night over WEAF and forty-one other NBC stations from a different city each week end. Ted and his jazz band have vaudeville contracts which keep them on the road, but, nevertheless, they are "on the air" each session of the new "Saturday Night Club of the Air."

PHIL OHMAN and VICTOR ARDEN (above, left and right), noted two-piano duo, who have been absent from the NBC studios for several menths, returned to the air as the featured artists on the Gold Medal Express, a new weekly feature. The program is heard on Mondays at 8:30 p. m. (E. D. T.).





What Our Grandmothers Would Say

I wondered, when I purchased your de-lightful magazine for the first time the oththe first time the other day, just what our grandmothers would say at its title, "WHAT'S ON THE AIR!" They would check and double and double check (with apologies to Amos 'n' Andy) and be just as bewildered be just as bewildered in the beginning! It's a title to ponder over! It gives—quite concisely—an idea of our tremendous progress.

Can we have some more data about Phil. Cook (including his charming countenance) in your magazine? Also about a newcomer. Miss Helen King, who speaks over station WNJ in Newark, on "Graphology, and Its Relations with Criminology!" She sounds English—the with Criminology!" She sounds English—the best woman's voice I've ever heard over a radio (with the exception of an actress, of course). But so little is said of her.

#### "BEGAN TO SEEP THROUGH THIS HEAD'

I was all wrong about the magazine! Honest, if you had drawn little pictures all the way through, you could not have made it more plain. After using the schedule for a few days it began to seep through this head of mine, and now I think it's great. The size is still a little awkward, but that's a small matter.

This insignific (g) ant reader of WHAT'S

This insignific (g) ant reader of WHAT'S ON THE AIR is big enough to admit she's wrong, and so I apologize. Profusely!

P. S.—I'll have to let that big word, the second word in the last paragraph, go as it is, because I looked all over the house for the dictionary and couldn't find it. Guess the kids carried it off.

CAPE VINCENT, N. Y.

L. I.

I am going to give one parting shot. It is a pot-shot at the present methods of broadcasting in the United States. You brought up the fight going on in Australia in your March All I say is that the independent, business-supported stations may win out against the Government stations, because they have money behind them and can supply better pro-But they are going to make a terrible sacrifice to get the better programs, like we have in our own country. They, too, like



Haunted in Their Sleep

most American radio fans, will be haunted in sleep by insistent radio advertisements. proclaiming the virtues of Burns' Bigger and Better Buns, or something like that. And the quality of the programs will eventually the quanty of the programs will eventually degenerate, as in our own country, when the advertisers begin to appeal to the masses in earnest. Popular stuff ("Popular Rot" is a better name) will teach them the penalty of taking radio and putting it into the hands of persons who use it only for their own ends. CHICAGO, III. B. L.

#### "I AM NOT LYING"

In this day and age distance (DX) is not so much to boast about, because almost any modern set will pull in coast-to-coast stations modern set will pull in coast-to-coast stations if correctly handled and not hampered by interference. But my hobby is separation without overlapping on the high kilocycle belts, and here is what I think must be a record for this kind of reception. I received the following stations, one right after another, within a space of about twenty minutes,

with no overlapping or whistling:
1230 Kc. WNAC, Boston, Mass.
1240 Kc. KTAT, Fort Worth, Tex.
1250 Kc. WRHM, Minneapolis, Minn. 1260 Kc. KOIL, Council Bluffs, Ia. 1270 Kc. WASH, Grand Rapids, Mich.

I was using the frame of an iron bridge lamp as an antenna at the time. My set is a six-tube battery model, manufactured by Dastartube battery model, manufactured by Da-vid Grimes, Inc., and no longer made. It is about six or seven years old. I am not lying. Won't you please publish in "Fan Fare" the above portion of my letter about separating, and, if you like my compliment above portion of my letter about separating, and, if you like my compliments on your great little magazine, please publish them too. Yours for WOTA (WOTA magazine!).

CANTON, O.

H. S.

#### "WASN'T IT NICE?"

In reading the March issue of your very entertaining and helpful magazine, I read (in lower left-hand corner of "Fan Fare" page) of the "Rudy Vallee Club" at Wood Ridge, N. J., having some five hundred members. was surely surprised to learn (at least, this is my deduction) that they have an asylum at Wood Ridge, N. J., and the thought also came to me that wasn't it nice that they supply the inmates with radios? F. R. C. Омана, Neb.

I sure like your new dress on the March issue, but I fail to find that place to scratch



I Use the Bottom of the Radio

matches on it. I use the bottom of the radio at present, and will continue until the Mrs.

Either buy me a pipe that won't go out or put the match scratcher on one sheet. OKLAHOMA CITY, Okla.

## "FOR WHAT IT MAY BE WORTH"

Perhaps you would be interested in the outcome of a radio argument which several fans

Participated in, in Chanute, a few days ago.
You will be flattered to know that every one preferred the new issue to the old one, in view of the fact that the station listings were more complete, the programs compact and complete, and the magazine is not too large, as it will fit very nicely in any bookrack or armchair. The local program listings are a great feature and add to the money's worth.

But don't think you are perfect. Right along with these bouquets were several bricks. It was unanimous that the change from black and red to black in program channels was for the worse. The red National symbol as contrasted with the black Columbia symbol produces more contrast and makes any program easier to find. There is not enough contrast between your National numbers, Co-

lumbia numbers and the channel lines. We feel the old system was too good to discard.

This criticism is offered for what it may

worth, and, meanwhile, WHAT'S ON THE Air continues to be our favorite magazine
—almost the radio Bible. Several Fans. CHANUTE, Kan. By M. I. H.

#### "THIS MAY SOUND LIKE A TESTI-MONIAL!

Hurrah for the Three Doctors! proud of them. May this independence continue. They have given many thousands new interest and have cured many blues. "Doctor" is a better name for them than "Baker" anyway, for they are doctors, and I, for one, wish to go on record as being one of their many cured patients. This may sound like many cured patients. Ins may sound like a testimonial, but I don't believe there is any tonic in bottles that can give me the help these "three fine fellows" have given. If this makes me nutty, as some of my friends seem to think, I hope I remain so.

MOLINE, Ill.

M. A.

I do not think your March magazine is so hot. It's harder on the nerves and eyesight.



Don't Think Your Magazine Is So Hot

I found my way around better when the red ink was used for NBC. No offense, only my temper is very short, and after mastering other past months had to start all over again, do swear by your WOTA.

SAGINAW, Mich.

#### "AVER PLAISIR!"

They say Maurice Chevalier gets four thousand. They might consider charity.
SCHENECTADY, N. Y.

I have been buying your magazine now for nearly a year, and in that time have watched my bookseller gradually increasing his number from a few odd copies to a pile worthy of the Saturday Evening Post. It is perfectly invaluable as a reference, and I should feel lost without it now; not only for the excellent program indexes, which I note you have improved with the March issue, for the most interesting illustrations and let-

I hope you may add CFCF to your list, for since they have joined the N. B. C. it would be a great convenience to have them

You may be interested-since I have lugged you into the controversy-in a letter I have written to the Musical Times, London, England, in reply to a most vicious, unfair and untruthful attack on broadcasting conditions on this continent made by a correspondent from Niagara Falls, Can. So I am enclosing

THE EDITOR, The Musical Times, London, England:

I read with some surprise a letter from Can-ada on page 158 of your February issue with regard to broadcasting on this continent, and was glad to note that it was not written by a Canadian, but by a "music-starved exile"-of the type, fortunately now rare, that can find nothing to satisfy him in the country of his adoption. It is not denied by any one here that the B. B. C. programs, as a whole, are superior to those on this continent; but when the statement is made that "three hours a week of good broadcasting do not suffice," and that "the radio industry is losing no sleep over the indifference of a few fastidious people who was sustained to the sufficience. ple who want entertainment above the arristic level of an lowa hog-farming commu-nity," the attack is passing the bounds of de-cency and of truth.

I am not an advertiser, and I hold no brief for the radio industry, but I can not allow



Of the Type Fortunately Now Rare

such statements, appearing as they do in magazine of your high standing and world-wide circulation, to pass unchallenged. A listener in Hamilton with an average good receiving set should be able to get all the programs I mention. Take this Sunday:—from 11:00 to 12:30, the service of Christ Church Cathedral, Montreal, with all the beautiful music incidental to a Church of England service. Or, should it be preferred, the Roxy Symphony Hour at the same time. At one o'clock one can hear the National Oratorio o'clock one can hear the National Oratorio Society of New York sing, with splendid' so-loists and chorus, part of Bach's "The Passion —St Matthew." This takes two Sundays to complete. They have already given "Caractacus," "Dream of Gerontius" and many others. At 2:30 a short concert by famous artists, rendering music by Bach, Beethoven, Motists, rendering music by Bach, Becthoven, Mo-zart, Grieg, etc. At 3:00 a mixed sextette well comparable with the "English Singers," giving a program of madrigals by Morley, Willbye, Arne, Byrd, Weelkes, etc. Also from 3:00 to 5:00 P. M., the New York Philhar-monic Symphony Society, with Toscanini con-ducting. At 5:00 o'clock the Toronto Sym-phony Orchestra, with famous guest artists, sponsored by the Canadian National Railways. From 6:00 to 7:30. excellent programs of sponsored by the Canadian National Railways, From 6:00 to 7:30, excellent programs of Northern—i. e., Norwegian, Swedish and Danish—music. 7:30 to 9 P. M., Cathedral service. At 10:00 o'clock the Imperial Oil Hour of fine music—guest artists last week, the "London String Quartet" and Mde. Jeanne Dusseau. At 11:30 P. M., the Russian Cathedral Choir, from Nav. York—puspificery. Dusseau. At 11:30 P. M., the Russian Cathedral Choir from New York—magnificent voices—singing the music of great Russian composers. After midnight one can have a delightful half-hour of "Quiet Harmonies," or organ music, or can pick up excellent programs from the West, as the Eastern stations During the week one can hear daily: "On

During the week one can hear daily: "On Wings of Song," a delightful instrumental trio, giving one hour; the "Black and Gold Room" orchestra—all good music; the "Slumber Hour," 11:00 to 12:00, each evening, a wonderful string ensemble under the baton of M. Ludwig Laurier, or daily programs from the great hotels, who all carry concert orches-tras in addition to those who play only for dancing. In addition, we hear during the week Montreal Symphony Orchestra, sponsored by Canadian Pacific Railway Company; Rochester Civic Orchestra, U. S. Marine Band, Mormon Tabernacle Organ and Choir from Salt Lake City, Walter Damrosch and his famous orchestra, Columbia Concerts Bureau, National Broadcasting ditto, and occasionally the Philadelphia Symphony Orchestra, to say nothing of many fine local programs.

You may, in this connection, find interest in a magazine called WHAT'S ON THE AIR, of

which I enclose a copy.

MONTREAL, Can. F. H. I. R.



5:30-Red Lacquer and Jade (semi-classic),

6:00—Organ Recital, WPG. 6:45—Choir Invisible (semi-classic), WOR.

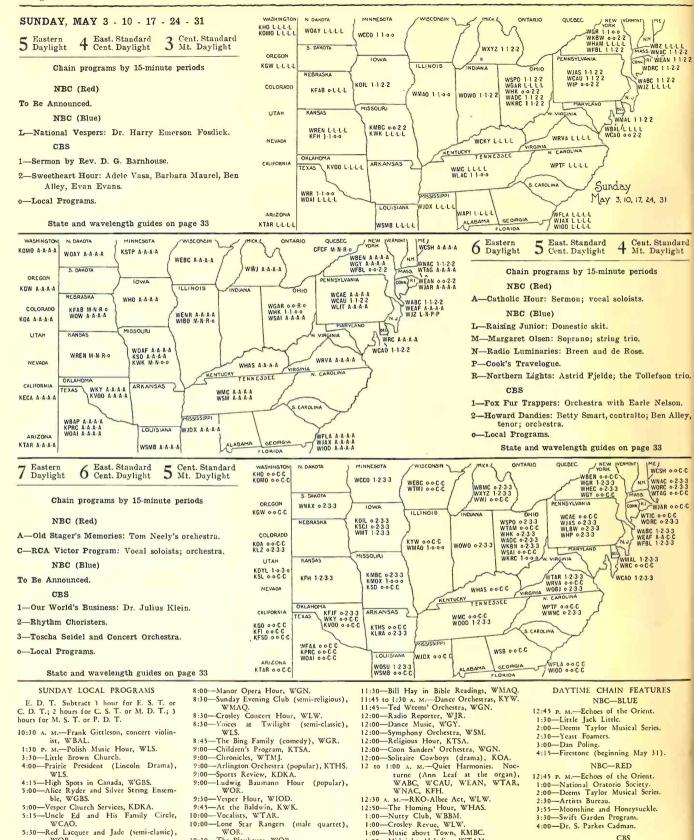
7:30-Mike and Herman (humor), WBBM. 8:00-Jarvis Street Baptist Church, Toronto,

6:00-The Romany Trail, WBAL.

6:45—Palace Credit Review, KDKA. 7:30—Public School Musicale, WTAR.

WOR.

CKGW.



(semi-classic).

1:00-Midnight Melodies, WTAM. 1:30-Light Opera, KMOX.

2:00-Organ Recital, WSMB.

ing in this column.

1:30—Kaffee Hag Slumber Music, KOA. 2:00—Dance Music, KFWB.

Readers are invited to send us names and

schedules of favorite local programs for list-

8:00 A. M .- Heroes of the Church.

12:00—Jewish Art Program. 12:30 p. M.—International Broadcast.

10:00—Tony's Scrapbook. 10:15—Children's Playlet.

1:30—Around the Samovar. 3:00—Symphonic Hour.

4:00-Cathedral Hour.

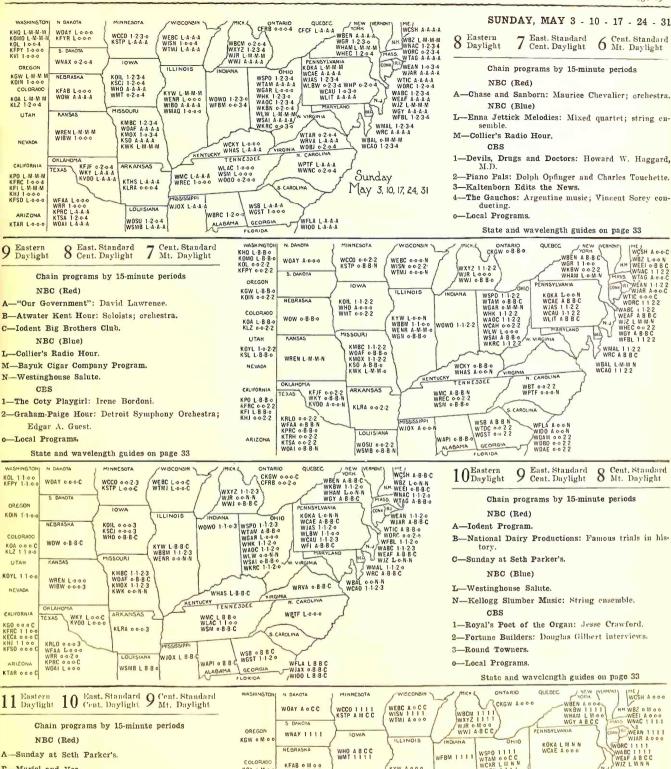
WOR. 10:30-The Playhouse, WOR.

11:15—New Flashes, KYW.
11:30—Gruen Guildsmen
WKRC.

11:30-Army Band, KTSA.

10:30—The Frayhouse, WOK. 10:30—Musical Roundup (variety), WCFL. 10:30—Kolb Baker Boys, WCAO. 11:00—Universal Artists' Bureau, WCAU.

11:30-Moonbeams (semi-classic), WOR.



A-Sunday at Scth Parker's.

C-Russian Cathedral Choir.

NBC (Blue)

M-Hcel Hugger Harmonies: Male quartet; orchestra.

1-Back Home Hour from Buffalo: Religious service.

State and wavelength guides on page 33

N-South Sca Islanders: Native music and dialog.

L-Wenrich and Connelly.

B-Muricl and Vce.

o-Local Programs

WHO ABCC

WOAF A-0 0-0 KMOX 1 1 1 1 KWK L M N N

ARKANSAS

KLRA 1 1 1 1

WOSU 1111

WSPO 1111 WTAM 00CC WCAR L M N N WKBN 1111 WLW 0 M 00

WSB A 0 0 0

GEORGIA

CAROLINA

WFLA A B 0 0

WHAS A O O O MENTUCKY TENNESSEE

WFBM

WMC ooCC

WSM 4 0 0 0

KYW A O O O WENR L M C C

WIDX A O-C

NE BRASKA

KANSAS

KRLO 1 1 1 1 WBAP o M o o KPRC A M o o KTSA o o 1 1 WOAI o M o o

KFAB o M o o WOW A B C C

WREN I M N N

COLORADO

UTAH KSL'o M o o

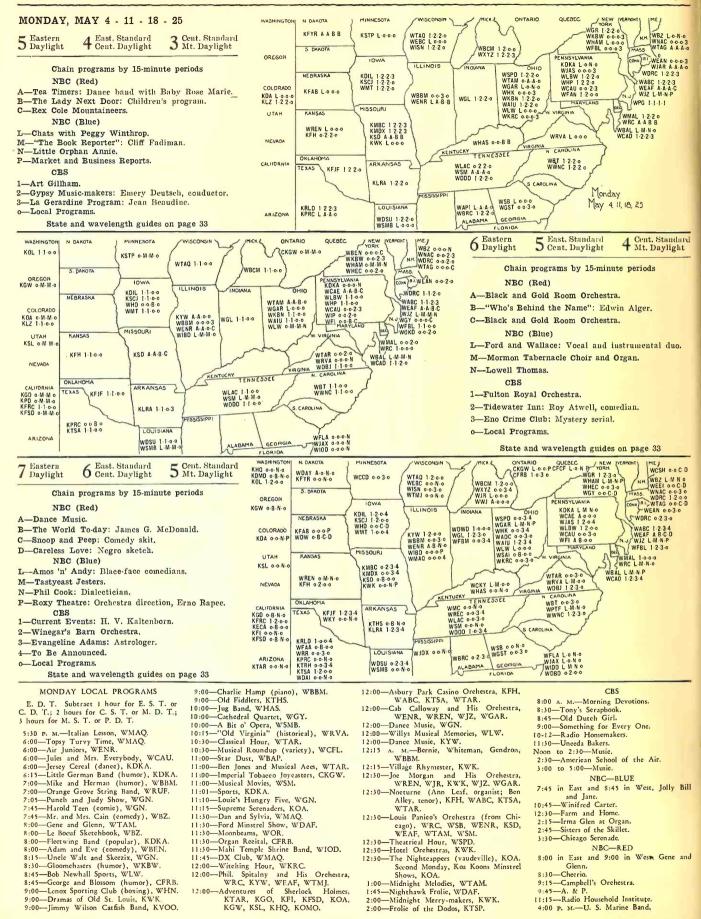
NEVADA

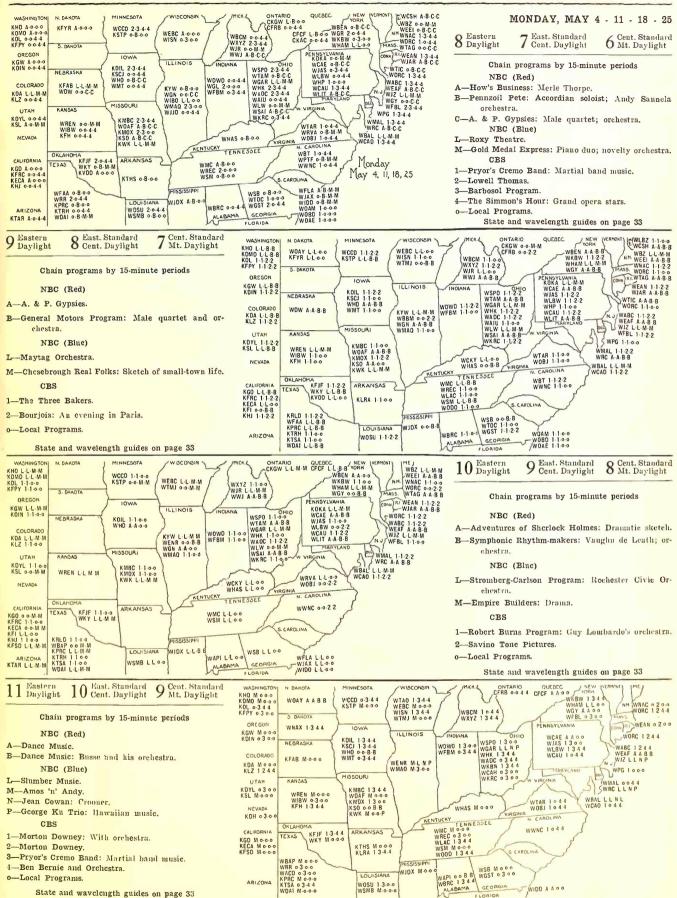
CALIFORNIA

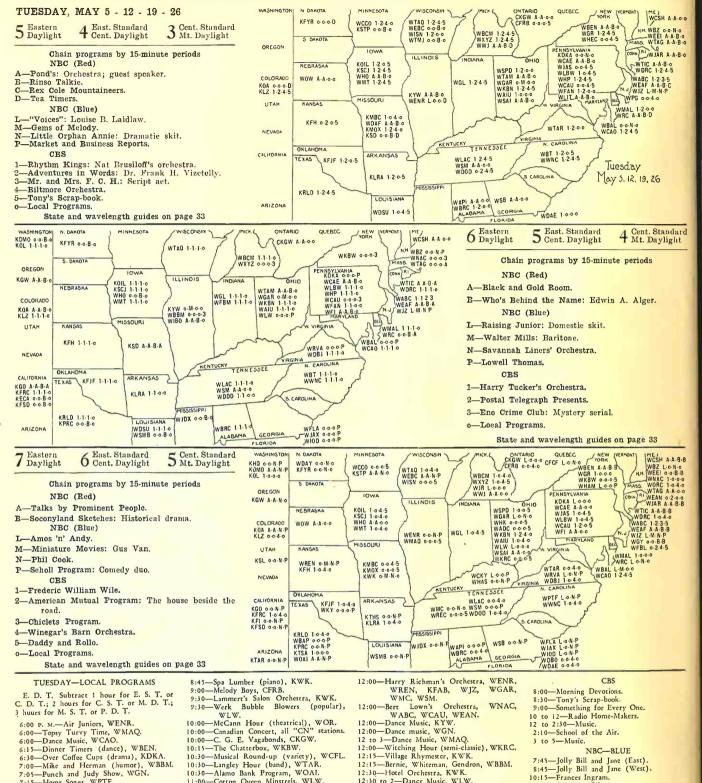
KGO A o o o KPO o M o o KECA A M o KFSO A M o

KTAR A M o o

4:00 P. M .- U. S. Marine Band,







E. D. T. Subtract 1 hour for E. S. T. or C. D. T.; 2 hours for C. S. T. or M. D. T.; 3 huurs for M. S. T. or P. D. T.

6:00 P. M.-Air Juniors, WENR.

6:00 P. M.—Air Juniors, WENR.
6:00—Topsy Turvy Time, WMAQ.
6:00—Dance Music, WCAO.
6:15—Dinner Timers (dance), WBEN.
6:30—Over Coffee Cups (drama), KDKA.
7:00—Mike and Herman (humor), WBBM.
7:05—Punch and Judy Show, WGN.
7:15—Home Songs, WPTF.
7:15—Reck Revelers (song hits), KDKA.
7:10—Sacred Song Concert, KDKA.
7:10—Blue Coal Concert Hour, WHAM.
7:45—Harold Teen (comic), WGN.
7:45—Ginger Boys, WBZ.
8:00—Gene and Glenn, WTAM.
8:00—Footlight Echoes, WOR.
8:10—Deacon's Dicta, WCCO.
8:15—Uncle Walt and Skeezix (comic),
WGN.
8:30—Mabel Garrison (concert), WBAL.

8:30—Mabel Garrison (concert), WBAL. 8:30—Gloom Chasers (humor), WKBW. 8:30—Swedish Orchestra, WCCO. 8:45—Tiptop Schoolhouse (theatrical), WBZ.

10:00—C. G. E. Vagabonds, CKGW.
10:15—The Chatterbox, WKBW.
10:30—Musical Round-up (variety), WCFL.
10:30—Langley Hour (band), WTAR.
10:30—Alamo Bank Program, WOAI.
11:00—Cotton Queen Minstrels, WLW.
11:00—Palais Royal Dance Orchestra, WBEN.
11:00—Marylanders (dance), WBAL.
11:00—News, KYW.
11:15—Casev at the Bat. KOA.

11:10—News, K. W.
11:15—Casey at the Bat, KOA.
11:20—Louie's Hungry Five (comic), WGN.
11:30—General Electric (classical), KOA.

11:30—Black Hawk, KSTP. 11:30—Dan and Sylvia (sketch), WMAQ.

11:30—Wayne King (dance), KYW. 11:45—Sports Slices, WLW.

12:00—Jack Albin and His Orchestra (from Hotel Pennsylvania, New York), WTIC, WRC, WHO, KSD, WEAF, WBEN, WGY, WTAM.

12:30 to 2—Dance Music, WLW.
12:30—Verne Buck and His Orchestra (from Drake Hotel, Chicago), WSB, WGN, WREN, KWK, WJZ, WGAR, WMC, WSM.

WSM.

12:30—Nocturne (Ann Leaf, organist; Ben Alley, tenor), KFH, WNAC, WABC, WCAU, WEAN, KTSA, WTAR.

12:30—Romanelli's Orchestra, CKGW.

1:00—Nighthawk Frolic, WDAF.

1:00—Dance Music, KTSA.

1:30—Olympic Club, Los Angeles (boxing), KFWB.

2:00—Dance Music, KFWB. 2:00—Midnight Merrymakers, KWK.

3 to 5-Music.

NBC-BLUE

7:45—Jolly Bill and Jane (East). 8:45—Jolly Bill and Jane (West). 10:15—Frances Ingram. 10:45—Josephine Gibson.

12:30—Farm and Home. 2:15—Irma Glen at Organ. 2:45—Sisters of the Skillet.

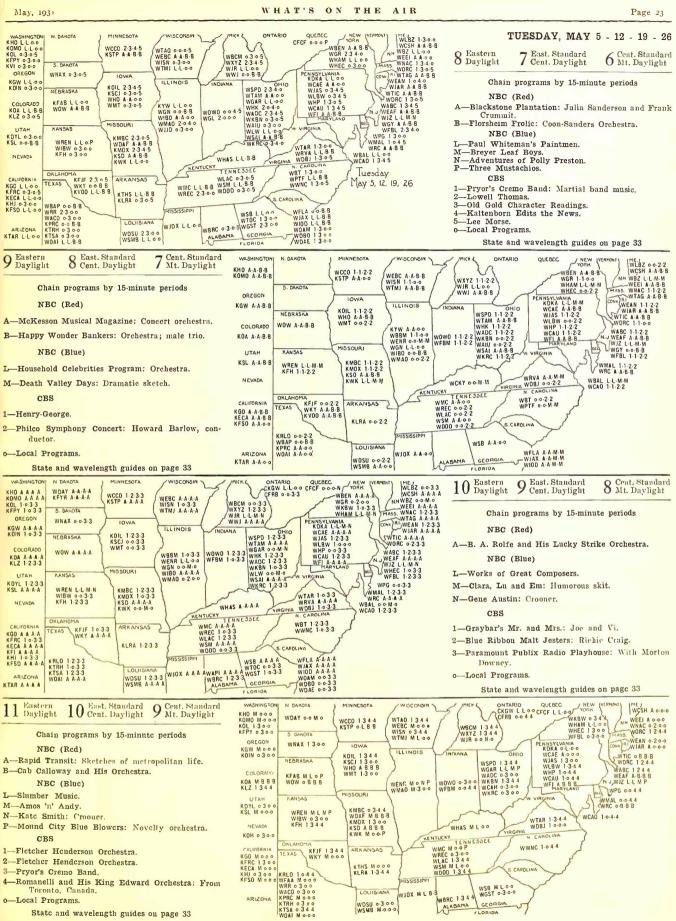
3:30-Chicago Serenade. NBC-RED

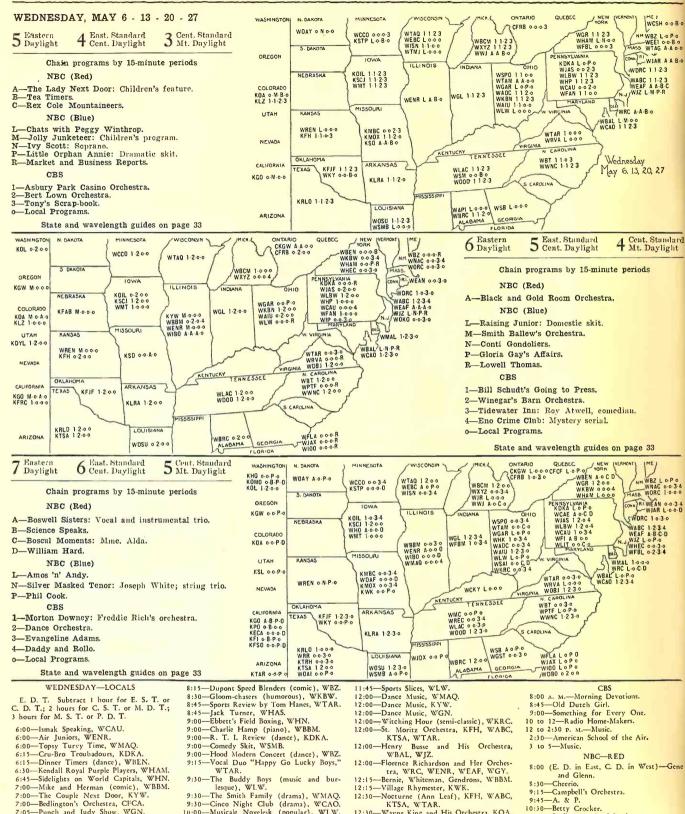
8:00-Gene and Glenn (East).

8:30—Checrio. 9:00—Gene and Glenn (West). 9:15—Campbell's Orchestra.

9:45-A. & P.

11:15—Radio Household. 2:30—Edna Wallace Hopper. 3:30—Golden Gems.





7:05—Punch and Judy Show, WGN.
7:15—Twenty Fingers of Sweetness, KDKA

7:15—Worty Fingers of Sweetness, RDRA 7:15—Wolverine Screnader, WBZ. 7:45—Harold Teen (comic), WGN. 8:00—Corncolo Pipe Club (variety), WRVA. 8:00—On Wings of Song, WHAM. 8:00—WOR Minstrels, WOR.

8:10—Work Ministeris, WOR.
8:10—Adam and Eve (comic), WXYZ.
8:10—Deacon's Dicta (comic), WCCO.
8:15—Uncle Walt and Skeezix (comic),
WGN.

11:00-News, KYW.
11:20-Herr Louie and the Weasel, WGN.

11:30—Dan and Sylvia (sketch), WMAQ.
11:30—Loew Hour (vaudeville), WHN.
11:30—Concert Hour, CPRY.
11:30—Old Spanish Singing School, WHK.

10:00—Musicale Novelesk (popular), WLW. 10:00—Weener Minstrels, WENR.

10:10—Weener Ausstres, WEAR.
10:15—Puzzle Contest, KWK.
10:30—Musical Round-up (variety), WCFL.
10:30—Poets' Hour, WSPD.
10:30—Drama, WGR.

12:30—Nocturne (Ann Leaf), KFH, WABC, KTSA, WTAR.

K 15A, W TAR.

12:30—Wayne King and His Orchestra, KOA,
WREN, WBAL, WJR, WJZ, WGAR,
WMC, KPRC.

12:30—Joe Morgan's Orchestra, WRC, WEAF,
WTAM.

12:30—Stage and Screen Stars, WPAP. 12:30—Crosley Theater of Air (drama), WLW.

1 to 3-Nighthawk Frolic (popular), WDAF. 2:00-Midnight Merry-makers (requests), KWK.

2:00-Dance Music, KFWB.

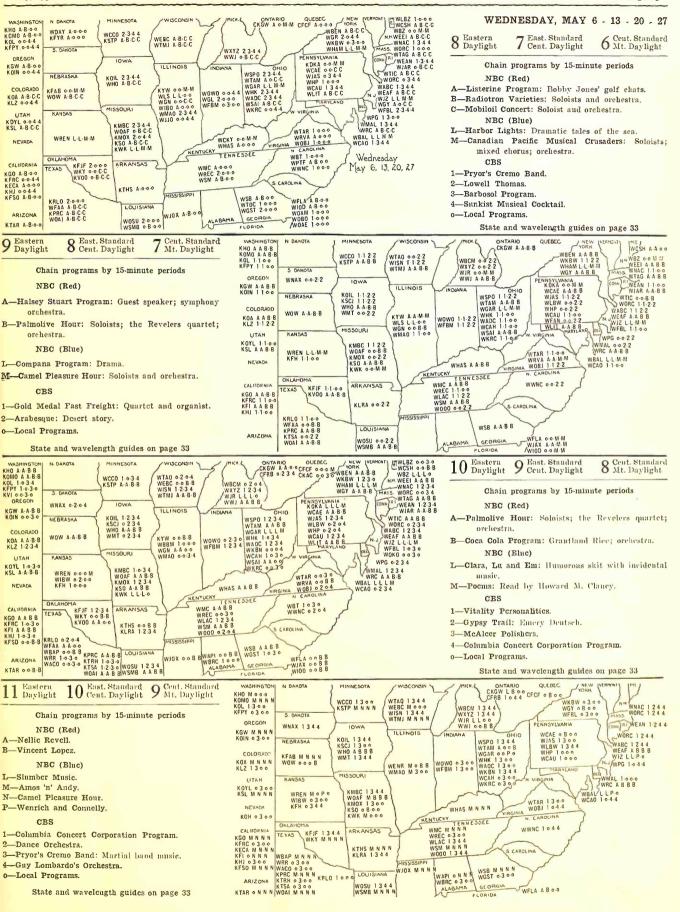
9:15—Campbell's Orchestra. 9:45—A. & P.

10:30-Betty Crocker. 11:15-Radio Household Institute.

3:30 P. M .- Radio Play Bill. NBC-BLUE

7:45 A. M.—Jolly Bill and Jane.
10:00—Mary Hale Martin.
12:30 p. M.—National Farm and Home.
2:15—Organ (Irma Glenn),
2:45—Sisters of the Skillet.
3:00—Edna Wallace Hopper.

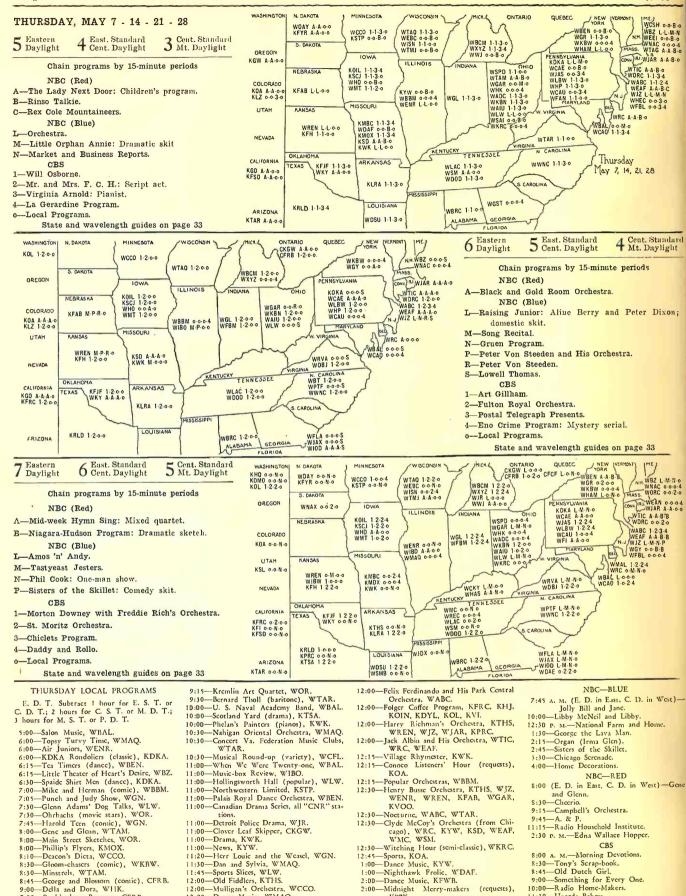
4:00—Eastman Symphony. 4:30—Mabel Wayne.



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8:30—Tony's Scrap-book.
8:45—Old Dutch Girl.
9:00—Something for Every One.
10:00—Radio Home-Makers.
11:30—Unecda Bakers.
2:30 p. xt.—American School of

2:30 p. M.—American School of the Air.



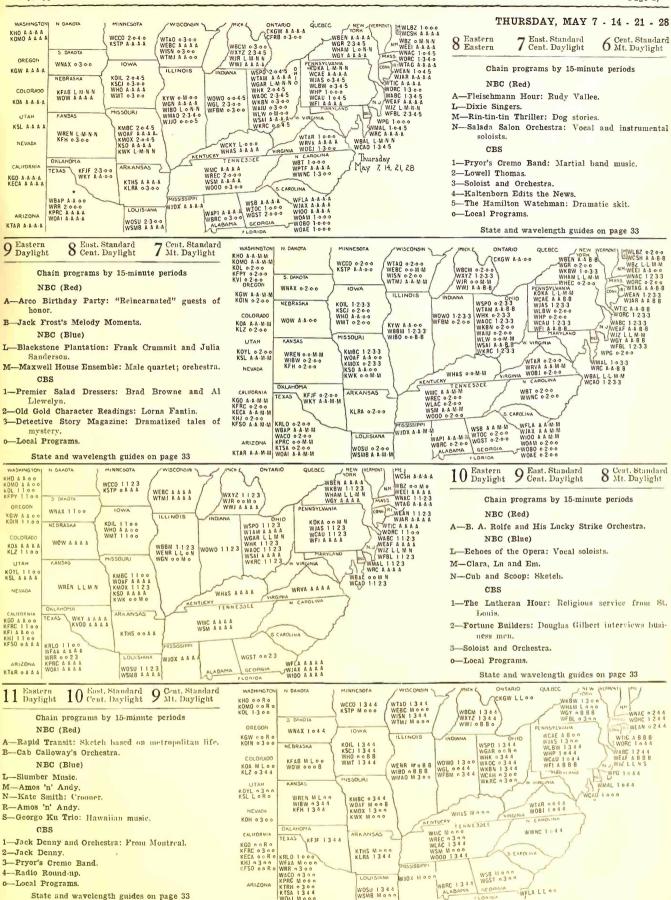
2:DD—Dance Music, KFWB. 2:00—Midnight Merry-makers (requests),

KWK. 2:00—Dance Music, WLW.

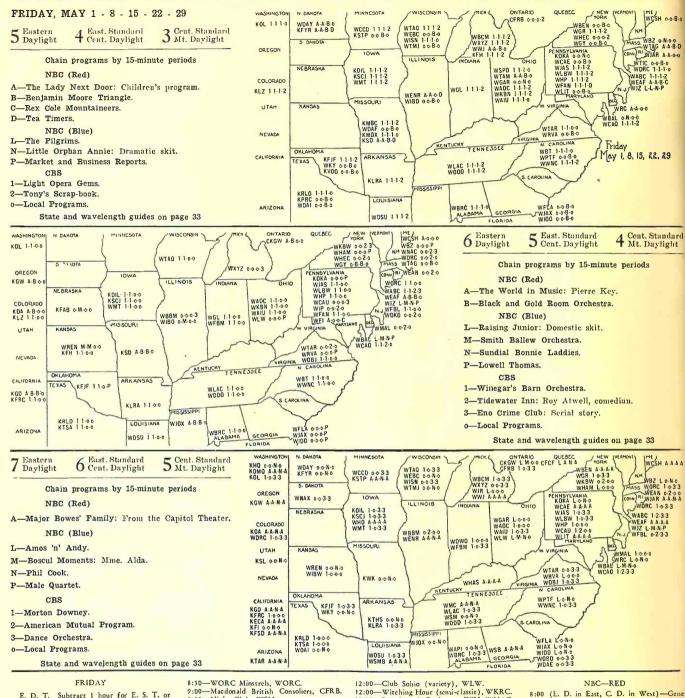
11:30—Dan and Sylvia, WMAQ.
11:45—Sports Slices, WLW.
12:00—Old Fiddlers, KTHS.
12:00—Mulligan's Orchestra, WCCO.

12:00—Dance Music, WMAQ. 12:00—Old Masters (classic), WLW.

9:00—Buckingham Boosters, CFRB. 9:00—Kraft Theater Party, WMAQ.



State and wavelength guides on page 33



E. D. T. Subtract 1 hour for E. S. T. or C. D. T.; 2 hours for C. S. T. or M. D. T.; 3 hours for M. S. T. or P. D. T.

6:00—Uncle Don, WOR. 6:00—Air Juniors, WENR. 6:00—Topsy Turvy Time, WMAQ. 6:15—Dinner Timers (dance), WBEN.

7:00-Uncle Zim and Bamby (children), WIOD.

-Couple Next Door (sketch), KYW 7:00—Mike and Herman (comie), WBBM. 7:05—Punch and Judy Show, WGN.

7:15—Stringed Choir (classical), KDKA. 7:15—Prudence Musical Hits, WBZ.

7:30—Bond Beau Brummels (novelty music), WBEN.

W.DE.N.
7:45—Harold Teen (comie), WGN.
8:00—Gene and Glenn, WTAM.
8:00—Adam and Eve (comic), WXYZ.
8:10—Deacon's Dieta, WCCO.

8:15—Frank and Ernest (comic), KWK. 8:15—Uncle Walt and Skeezix (comic), WGN.

8:30-Penn Drake Review (song hits),

KDKA.

9:00—Macdonald British Consolvers, CFKB.
9:00—Night Club, WSM.
9:00—Charlie Hamp (piano), WBBM.
9:00—Charlie Symphony, WOR.
9:00—Canada on Parade, CKGW, CKAC.
9:30—Chris Vanture and His Gang, WTAR.

9:30—The Hoosier Editor, WLW.
10:00—Heatrolatown (variety), WLW.
10:00—German Band, WISJ.
10:30—Musical Round-up, WCFL.
10:30—Hav-a-Tampa (popular), WFLA.
10:45—McGuerny and Lundberg (comic),

WCCO.

11:00—Canadian Pacific Concert, CKGW.

11:00—Canadian Pacific Concert, CKGW.
11:00—Poptrs and News, KYW.
11:00—Palais Royal Dance Orehestra, WBEN.
11:00—Canada on Parade, WJR.
11:15—Jimmy Wilson's Carfish Band, KVOO.
11:15—Apex Travelers (dance), KDKA.

11:20—Herr Louie and the Weasel, WGN. 11:30—Masters Minstrel Boys, WTAR.

11:30—Masters Minstret Boys, W 11:30—Dan and Sylvia, WMAQ. 11:45—Sport Slices, WLW. 12:00—Jack Turner, WHAS. 12:00—Dance Music, WMAQ. 12:00—Dance Music, WGN.

12:00—Witching Hour (seni-classic), WKRC. 12:00—Bert Lown's Orchestra, KFH, WNAC, WABC, WCAU, WEAN, KTSA,

WTAR.

12:00—Phil Spitalny Orehestra, WRC, KYW, WEAF, WGY, WMC, KPRC.

WEAF, WGY, WMC, KPRC.

12:00—Florence Richardson Orchestra (Hotel Paramount, New York), KOA, WENR, WREN, WJZ, WGAR.

12:15—Popular Orchestras, WBMA.

12:15—Gebhardt's Mexican Players, WOAI.

12:15—Gebhardt's Mexican Players, WOAI.
12:15—Village Rhymester, KWK.
12:15—Old Wagon-tongue (drama), KOA.
12:30—Detective Story, KFWB.
12:30—Octurne, KFH, WNAC, WABC, WCAU, WEAN, KTSA, WTAR.
12:30—Wayne King Orchestra, KTHS, WRC, WENR, KSD, WEAF, WTAMI, WMC, WSM, KPRC.
12:30—Henry Tobias Orchestra, WREN, KWK, WJZ, WGAR.
1:00—Nighthawk Frolic, WDAF.
1:00—Slumber Boat (orchestra), KWK.
2:00—Midnight Merry-makers (requests), KWK.

KWK. 2:00-Dance Music, KFWB.

and Glenn. 8:30—Cheerio.

9:15—Campbell's Orchestra.

9:45-A. & P.

10:30—Betty Crocker.

11:15—Radio Household Institute.

4:30 P. M .- Rodeheaver Sing. NBC-BLUE

7:45 A. M .- Jolly Bill and Jane.

10:00—Libby McNeil and Libby. 10:45—Josephine Gibson.

12:30 P. M.—National Farm and Home. 2:45—Sisters of the Skillet.

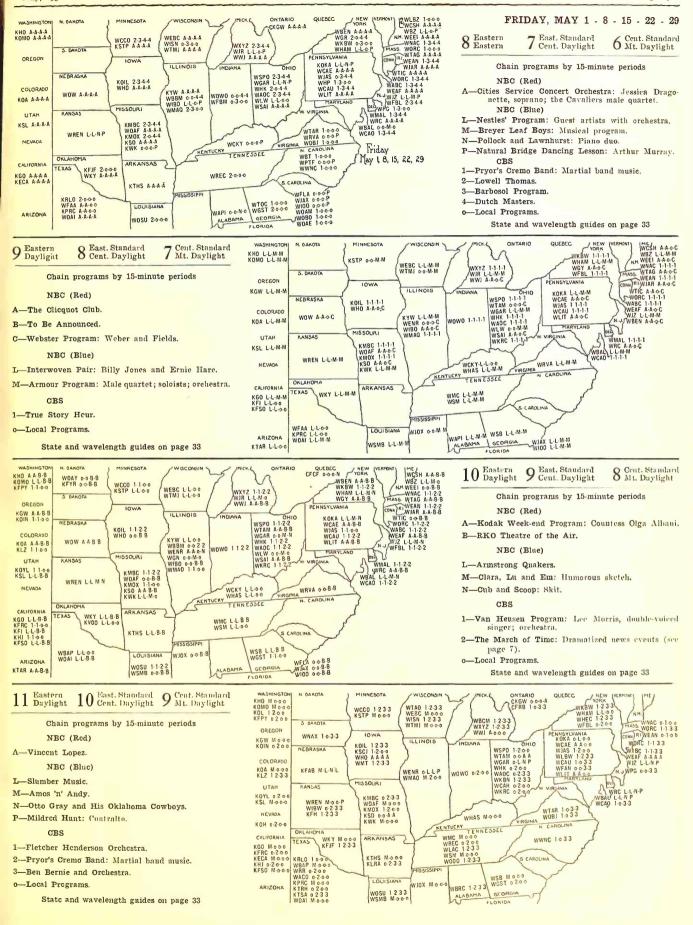
3:00—Edna Wallace Hopper. 3:30—Chicago Serenade.

4:00-Radio Guild.

CBS

8:00 A., M.—Morning Devotions. 8:45—Old Dutch Girl.

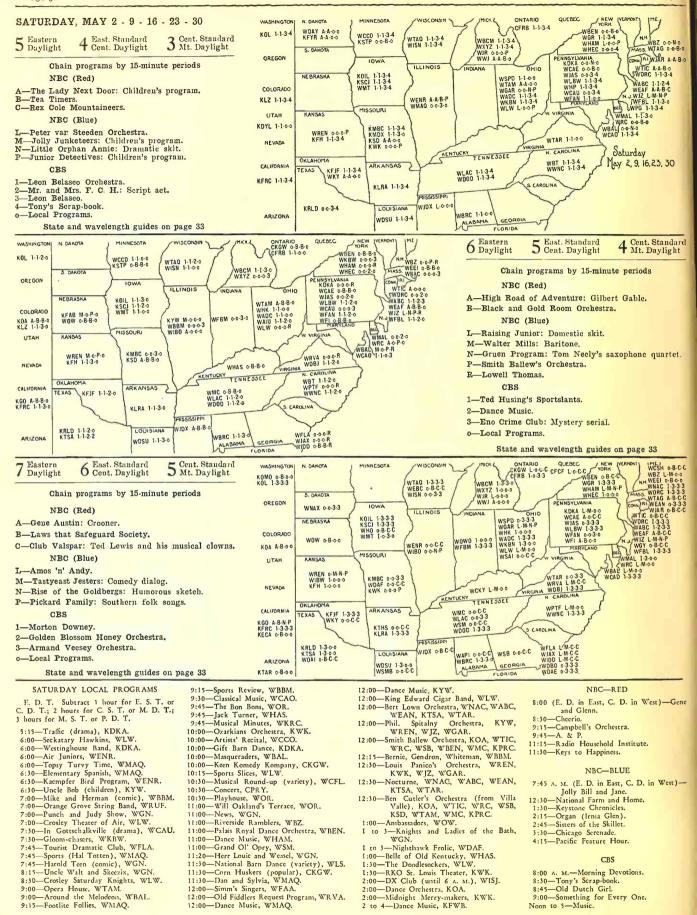
8:45—Old Dutch Grf.
9:00—Something for Every One.
10:00—Radio Home-Makers.
10:15—Frank Crumit and Julia Sanderson.
2:30—American School of the Air.
3 to 5—Music.



State and wavelength guides on page 33

9:00-Something for Every Onc.

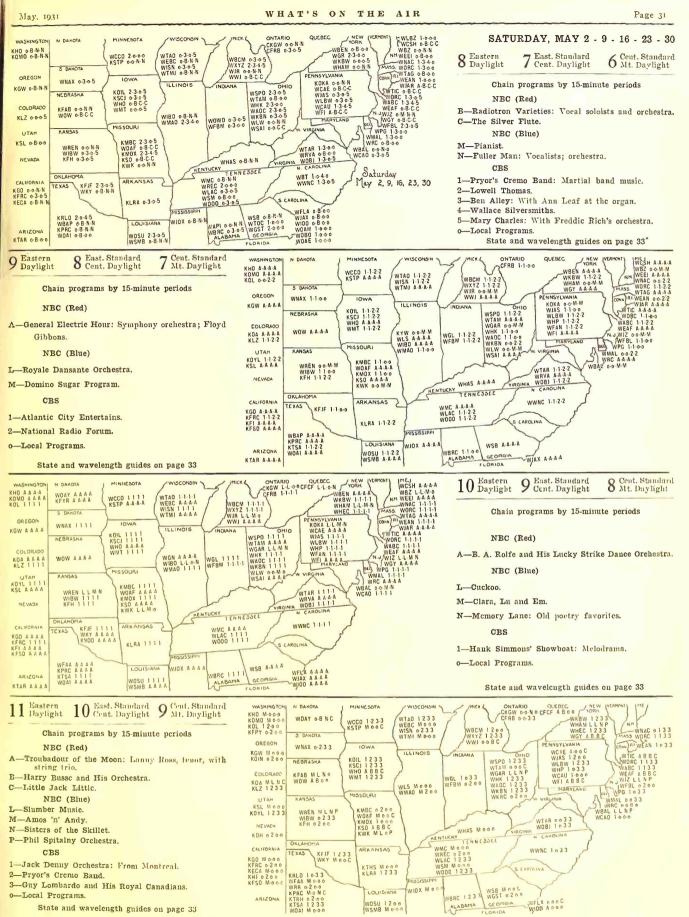
Noon to 5-Music.



3-Guy Lombardo and His Royal Canadians.

State and wavelength guides on page 33

o-Local Programs.



ARIZONA

LOUISIANA

WOSU 1200

VBRC 1233 WSB Mont

ALABAMA

GEORGIA

WILA DOOC

WIDX Mon

## North American Broadcasting Stations

Stations by Call Letters Revised to April 1, 1931

(Figures in Parentheses Denote Power Now Used)

KBGZ	York, Neb. (500) 930
KBHB	Kennett, Mo. (250)
KBTM	Paragould, Ark. (100)1200
KCRC	Enid, Okla. (100)1370
KCRJ	Jerome, Ariz. (100)
KDEN	Casper Wyo (100) 1210
KDKA	Pittsburgh, Pa. (50000) 980
KDLR	Devil's Lake, N. D. (100)1210
KDYL	Salt Lake City, Utah (1000)1290
KELW	Burbank Calif (500) 780
KEX	Portland, Ore. (5000)1180
KFAB	Lincoln, Neb. (5000) 770
KFBB	Great Falls, Mont. (1000)1280
KFRI.	Everett Wash (50) 1370
KFDM	Beaumont, Tex. (500) 560
KFDY	Brookings, S. D. (500) 550
KEEO	St Joseph Mo (2500) 680
KFGQ	Boone, Ia. (100)
KFH	Wichita, Kan. (1000)
KFIO	Los Angeles, Calif. (5000) 640
KFIU	Juneau, Alaska (10) 1310
KFIZ	Fond du Lac, Wis. (100)1420
KFJB	Marshalltown, Ia. (250) 1200
KEJI	Actoria Ora (100) 1370
KFJM	Grand Forks, N. D. (100)1370
KFJR	Portland, Ore, (500)1300
KFJY	Fort Dodge, Ia. (100)1310
KFKA	Greeley Col (500) 880
KFKB	Milford, Kan. (5000) 1050
KFKU	Lawrence, Kan. (500)1220
KFLY	Galveston Tev (100) 1270
KFMX	Northfield, Minn. (1000)1250
KFNF	Shenandoah, Ia. (500) 890
KFOR	Lincoln, Neb. (100) 1210
KPPI.	Dublin Ter (100) 1310
KFPM	Greenville, Tex. (15)
KFPW	Ft. Smith, Ark. (50)1340
KFPY	Spokane, Wash. (1000)1340
KFOU	Holy City Calif (100) 1420
KFQW	Seattle, Wash. (100)1420
KFRC	San Francisco, Calif. (1000) 610
KFRU	Columbia Mo. (1000)
KFSG	Los Angeles, Calif. (500)1120
KFUL	Galveston, Tex. (500)1290
KFUM	Colorado Sp'gs, Col. (1000)1270
KFUP	Denver, Col. (100)
KFVD	Culver City, Calif. (250) 1000
KFVS	Cape Girardeau, Mo. (100)1210
KEWE	St Louis Mo (100) 950
KFWI	San Francisco, Calif. (500) 930
KFXD	Nampa, Ida. (50)1420
KFXI	Denver, Col. (500) 920
KFXM	S Bernardino Calif (100) 1210
KFXR	Oklahoma City, Okla. (100)1310
KFXY	Flagstaff, Ariz. (100)1420
KEVE	Bismarck N D (1000) 550
KGA	Spokane, Wash. (5000)1470
KGAR	Tueson, Ariz. (100)1370
KGB	San Diego, Calif. (250)1330
KGBX	St. Joseph. Mo. (100)1310
KGBZ	York, Neb. (500)
KGCA	Decorah, Ia. (50)1270
KGCU	Mandan, N. D. (100)1210
KGCX	Wolf Point, Mont. (100) 1310
KGDA	Mitchell, S. D. (100)1370
KGDM	Stockton Calif. (250) 1100
KGDY	Huron, S. D. (100)1200
KGEF	Los Angeles, Calif. (1000)1300
KGER	Long Beach Calif (1000) 1360
KGEW	Fort Morgan, Col. (100)1200
KGEZ	Kalispell, Mont. (100)1310
KGFF	
	Oklahoma City Okla (100)1370
KGFI	Oklahoma City, Okla. (100) 1370 Corpus Christi, Tex. (100) 1500
KGFG KGFI KGFJ	Alva, Okla. (100)
KGFG KGFJ KGFK	Alva, Okla. (100)
KGFG KGFJ KGFK KGFL KGFW	Alva, Okla. (100)
KGFI KGFI KGFK KGFL KGFW KGFX	Aiva, Okia. (100) 1420 Oklahoma City, Okla. (100)1370 Corpus Christi, Tex. (100) .1500 Los Angeles, Calif. (100) .1200 Moorhead, Minn (50) .1500 Raton, N. M. (50) .1370 Ravenna, Neb. (100) .1310 Pierre, S. D. (200) .580
KGFI KGFI KGFK KGFK KGFX KGFX KGGC	Alva, Okla. (100), 420 Oklahoma Gity, Okla. (100)1370 Corpus Christi, Tex. (100), 1500 Los Angeles, Calif. (100), 1200 Moorhead, Minn. (50), 1500 Raton, N. M. (50), 1370 Ravenna, Neb. (100), 1310 Pierre, S. D. (200), 580 San Francisco, Calif. (100), 1420 Commission Communication (100), 1420 Commission Communication (100), 1420 Commission Communication (100), 1420
KGFI KGFI KGFK KGFL KGFW KGFX KGGC KGGF	Aiva, Okla. (100) 420 Oklahoma Gity, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Moorhend, Minn (50). 1300 Raton, N. M. (50). 370 Raton, N. M. (50). 380 Pierre, S. D. (200). 580 San Francisco, Calif. (100).1420 Coffeyville, Kan. (500). 1010 Albuqueroue, N. M. (550). 1230
KGFG KGFI KGFK KGFL KGFW KGFX KGGC KGGF KGGM KGHF	Aiva, Okla, (100) 420 Oklahoma Giy, Okla, (100) 1370 Corpus Christi, Tex. (100) 1500 Los Angeles, Calif. (100) 1200 Moorhead, Minn (50) 1500 Raton, N. M. (50) 1370 Ravenna, Neb. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1420 Coffeyville, Kan. (500) 1010 Albuquerque, N. M. (250) 1230 Pueblo, Col. (250) 1320
KGFG KGFI KGFK KGFK KGFW KGFX KGGC KGGF KGGM KGHF	Alva, Okla. (100) 1420 Oklahoma (110) 1870 Corpus Christi, Tex. (100) 1500 Los Angeles, Calif. (100) 1.200 Raton, N. M. (100) 1.310 Raton, N. M. (100) 1.310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1.420 Coffeyrille, Kan. (500) 1010 Albuquerque, N. M. (250) 1.230 Pueblo, Col. (250) 1.330 Pueblo, Col. (250) 1.330 Puthlo, Col. (250) 1.320 Little Rock, Ark. (100) 1.320
KGFG KGFI KGFK KGFK KGFW KGFW KGGF KGGF KGGF KGGH KGHI KGHL	Alva, Okla. (100) 420 Oklahoma Giy, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Moorhend, Minn (50). 1500 Raton, N. M. (50). 1370 Ravenna, Neb. (100). 1310 Perer's, E. D. (200). 1310 Sangyanises, Calif. (100). 300 Sangyanises, Calif. (100). 1200 Califlingen, N. M. (250). 1230 Pueblo, Col. (250). 1230 Pueblo, Col. (250). 1230 Cuttle Rock, Ark. (100). 1200 Billings, Mont. (100). 1360 Butte Mont. (500). 1360
KGFG KGFL KGFL KGFL KGFL KGFL KGGC KGGF KGGM KGHF KGHL KGHL KGIR KGIR	Alva, Okla. (10) 420 Oklahoma (11) 0kla. (100) 1370 Corput Christi, Tex. (100) 1350 Okophed, Minn. (50) 1350 Okophed, Minn. (50) 1350 Okophed, Minn. (50) 1370 Ravenna, Neb. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1420 Coffeyville, Kan. (500) 1010 Albuquerque, N. M. (250) 1230 Little, Cor. (100) 1320 Little, Cor. (100) 1320 Billings, Mont. (250) Butte, Mont. (500) 1360 Trinidad, Col. (100) 1320
KGFG KGFI KGFL KGFL KGFL KGFL KGFX KGGC KGGF KGGM KGHF KGHI KGHL KGIR KGIR KGIR	Alva, Okla. (100) Alva, Okla. (100) 1370 Corpus Christi, Tex. (100) 1500 Los Angeles, Calif. (100) 1200 Moorhend, Minn. (50) 1350 Moorhend, Minn. (50) 1350 Ravenna, Nob. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1420 Coffeyville, Kan. (500) 1010 Albuquerque, N. M. (250) 1230 Pueblo, Col. (250) 1330 Pueblo, Col. (250) 1320 Little Rock, Ark. (100) 1200 Billings, Mont. 950 Butte, Mont. (500) 1360 Trinidad, Col. (100) 1420 Las Vegas, Nev. (100) 1420
KGFG KGFI KGFL KGFW KGFX KGGX KGGF KGGM KGHI KGHI KGIR KGIX KGIX KGIF	Aiva, Okla. (100)
KGFG KGFJ KGFK KGFK KGFW KGGF KGGF KGGM KGHF KGHL KGIR KGIX KGIZ KGIZ KGKB	Alva, Okla. (10) 420 Oklahoma (10) 1870 Corpus Christi, Tex. (100).1800 Los Angeles (Calif. (100).1200 Raton, N. M. (50). 1200 Raton, N. M. (50). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100).1420 Coffeyville, Kan. (500). 1010 Albuquerque, N. M. (550). 1230 Pueblo, Col. (250). 3120 Little Rock, Ark. (100). 1320 Little Rock, Ark. (100). 1320 Duttes Mont. (500). 1360 Trinidad. (01. (100). 1420 Grant City, Mo. (100). 1420 Grant City, Mo. (100). 1500 Little Rock, Ark. (250). 890 Tyler, Tex. (100). 1500
KGFU KGFJ KGFL KGFW KGFW KGGC KGGG KGGFM KGHF KGHL KGIW KGIR KGIW KGIZ KGIZ KGIZ KGIZ KGIZ KGKB	Alva, Okla. (100) 420 Oklahoma Gity, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Moorhend, Minn. (50). 1300 Ration, N. M. (50). 3100 Ration, N. M. (50). 3100 Pierre, S. D. (200). 580 San Francisco, Calif. (100). 1420 Coffeyville, Kan. (500). 1010 Albuquerque, N. M. (50). 1230 Pueblo, Col. (250). 1330 Pueblo, Col. (250). 1320 Little Rock, Ark. (100). 1360 Trinidad, Col. (100). 1420 Las Vegas, Nev. (100). 1420 Carant City, Mo. (100). 1500 Little Rock, Ark. (250). 890 Tyler. Tex. (100). 1500 San Angelo, Tex. (100). 1500 San Angelo, Tex. (100). 1500
KGFI KGFI KGFI KGFL KGFW KGGC KGGC KGGE KGGH KGHL KGHL KGIX KGIX KGIX KGIX KGIX KGIX KGIX KGIX	Alva, Okla. (100) 1420 Oklahoma (110) 0kla. (100) 1370 Corput Christi, Tex. (100) 1.500 Moorhead, Minn (50) 1.500 Raton, N. M. (50) 1.370 Ravenna, Neb. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1420 Coffeyville, Kan. (500) 1010 Albuquerque, N. M. (250) 1.230 Little Rock, A. (100) 1200 Billings, Mont. 950 Butte, Mont. (500) 1360 Trinidad, Col. (100) 1420 Grant City, Mo. (100) 1420 Grant City, Mo. (100) 1500 Little Rock, A. (250) 890 Tyler, Tex. (100) 1500 San Angelo Tex. (100) 1370 Sandangel, Har. (100) 1370
KGFI KGFI KGFI KGFK KGFK KGFW KGGC KGGC KGGK KGHF KGHL KGIX KGIX KGIX KGIX KGIX KGIX KGIX KGIX	Alva, Okla. (100) 1420 Oklahoma (11y, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 National (100). 1200 San Francisco, Calif. (100). 1420 Coffeyville, Kan. (500). 1200 National (100). 1200 National (100). 1200 National (100). 1300 National (100).
KGFI KGFI KGFI KGFX KGFX KGGF KGGF KGGM KGHI KGHI KGIX KGIX KGIX KGIX KGIX KGIX KGIX KGI	Alva, Okla. (100) 420 Oklahoma Gity, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Moorhend, Minn (50). 1370 Raton, N. M. (50). 3170 Raton, N. M. (50). 3170 Raton, N. M. (50). 3180 Raton, R. M. (50). 3180 Raton, R. M. (50). 3180 Labelles, Col. (250). 3180 Raton, N. M. (50). 3180 Raton, R. (50). 3180 Raton,
KGFI KGFI KGFI KGFK KGFK KGFX KGFX KGGF KGGF KGHI KGIK KGII KGIX KGIX KGIX KGIX KGKL KGKX KGKX KGKY KGKY KGKY	Alva, Okla. (100) 1420 Oklahoma (11y, Okla. (100)1370 Corpus Christi, Tex. (100). 1500 Los Angeles, Calif. (100). 1200 Raton, N. M. (100). 1310 Raton, N. M. (100). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100). 1420 Coffeyrille, Kan. (500). 1010 Albuquerque, N. M. (250). 1230 Pueblo, Col. (250). 3320 Little Roek, Ark. (100). 1320 Little Roek, Ark. (100). 1320 Little Roek, Ark. (100). 1420 Grant City, Mo. (100). 1500 Grant City, Mo. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 890 Tyler, Tex. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 570 Sandpoint, Ida. (100). 1320 Exottsbluff, Neb. (100). 1320 Honolulu, Hawaii (560). 1320 Honolulu, Hawaii (560). 1320 Honolulu, Hawaii (560). 1320 Excettsbluff, Neb. (100). 1320 Excettsbluff, Neb. (100). 1320
KGFI KGFI KGFI KGFX KGFX KGFX KGGF KGGF KGHI KGHI KGIR KGIX KGIX KGIX KGIX KGIX KGIX KGIX KGIX	Alva, Okla. (100) 1420 Oklahoma (100) 1420 Oklahoma (100) 1420 Oklahoma (100) 1420 Oklahoma (100) 1420 Moorhend, Minn. (50) 1500 Ration N. M. (510) 1300 Pierre, S. D. (200) 580 San Francisco, Calli. (100) 1420 Coffeyville, Kan. (500) 1010 Albuquerque, N. M. (520) 1230 Pueblo, Col. (250) 1320 Little Rock, Ark. (100) 1320 Little Rock, Ark. (100) 1420 Las Vegas, Vev. (100) 1420 Grant City, Mo. (100) 1500 Little Rock, Ark. (250) 890 Tyler, Tex. (100) 1500 San Angelo, Tex. (100) 1500 San Angelo, Tex. (250) 1500 Walchita Falls Tex. (250) 1200 Honolulu, Hawaii (500) 1320 Hold (100) 1100 Honolulu, Hawaii (500) 1320 Elk City, Okla. (100) 1210 North Platte, Neb. (500) 1430 Dodge City, Kan. (100) 1210
KGFI KGFI KGFI KGFX KGFX KGFX KGGFM KGHF KGHI KGII KGII KGII KGIX KGIX KGIX KGIX KGI	Alva, Okla. (100) 1420 Oklahoma (11y, Okla. (100) 1370 Corpus Christi, Tex. (100) 1.800 Los Angels (Calif. (100) 1.300 Raton, N. (100) 1.310 Raton, N. (100) 1.310 Retree, S. D. (200) 580 San Francisco, Calif. (100) 1.420 Coffeyville, Kan. (500) 1.010 Albuquerque, N. M. (250) 1.230 Pueblo, Col. (250) 1.320 Ruttle, Mont. (100) 1.320 Little, Mont. (500) 1.320 San Prancisco, Calif. (100) 1.500 Honolulu, Huwaii (500) 1.320 Elk City, Okla. (100) 1.500 Honolulu, Huwaii (500) 1.320 Elk City, Okla. (100) 1.210 North Platte, Neb. (500) 1.320 Elx City, Okla. (100) 1.210 San Prancisco, Calif. (1500) 7.320
KGFI KGFI KGFI KGFK KGFW KGFX KGGX KGGK KGGM KGHI KGIL KGIW KGIE KGIW KGIF KGKO KGKB KGKO KGKY KGKY KGKY KGKY KGKY KGKY KGKY	Alva, Okla. (100) 1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Alva, Okla. (100). 1200 Alva, Okla. (100). 1200 Alva, Okla. (100). 1200 Alva, Okla. (100). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100). 1420 Coffeyville, Kan. (500). 1010 Albuquerque, N. M. (250). 1230 Pueblo, Col. (250). 1320 Little Rock, Ark. (100). 1320 Billings, Mont. (100). 1420 Butte, Mont. (500). 1360 Trinidad, Col. (100). 1420 Los Alva, Okla. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 590 Wichita Falls, Tex. (250). 570 Sandpoint, Ida. (100). 1420 Los Cottsbluff, Neb. (100). 1300 Honolulu, Hawaii (500). 1320 Elik City, Okla. (100). 1320 Elik City, Okla. (100). 1320 Dorige City, Kan. (100). 1310 North Platte, Neb. (500). 1430 Dorige City, Kan. (100). 1430 Borige City, Kan. (100). 1430 Rondilly, Hawaii (100). 1440 Rondilly, Hawaii (100). 1440 Rondilly, Hawaii (100). 1440 Rondilly, Hawaii (100). 1430 Rondilly, Hawaii (100). 1440
KGFI KGFI KGFI KGFX KGFX KGFX KGGFX KGGFX KGGI KGHI KGHL KGHI KGHL KGHI KGKI KGKY KGKY KGKY KGKY KGKY KGKY KGK	Alva, Okla. (100) 1420 Oklahoma City, Okla. (100) 1370 Corput Christi, Tex. (100) 1.500 Oklahoma (100) 1500 Moorhead, Minn (500) 1.500 Moorhead, Minn (500) 1.500 Raton, N. M. (50) 1.370 Ravenna, Neb. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1.420 Coffeyville, Kan. (500) 1.010 Albuquerque, N. M. (250) 1.010 Albuquerque, N. M. (250) 1.230 Little Rock, Ark. (100) 1.200 Billings, Mont. 950 Butte, Mont. (500) 1.360 Trinidad, Col. (100) 1.420 Grant City, Mo. (100) 1.420 Grant City, Mo. (100) 1.500 Little Rock, Ark. (250) 890 Tyler, Trex. (100) 1.500 Sandpoint, Fall, Tex. (250) 1.70 Sandpoint, Fall, Tex. (250) 1.70 Sandpoint, Inavaii (500) 1.320 Elk City, Okla. (100) 1.500 Honoiluh, Hawaii (500) 1.320 Elk City, Okla. (100) 1.210 North Platte, Neb. (500) 1.330 Dodge City, Kan. (100) 1.210 North Platte, Neb. (500) 1.330 Dodge City, Kan. (100) 1.210 Morth Platte, Neb. (500) 1.330 Dodge City, Kan. (100) 1.210 Morth Platte, Neb. (500) 1.330 Dodge City, Kan. (100) 1.210 Morth Platte, Neb. (500) 1.330 Dodge City, Kan. (100) 1.210 Morth Platte, Neb. (500) 1.330 Morth Platte, Neb. (500) 1.330 Morth Platte, Neb. (500) 1.330 Morth Platte, Neb. (500) 1.340 Missoula, Mont. 4240 Missoula, Mont.
KGFU KGFTK KGFTK KGFTW KGGCC KGGGC KGGCC KGGCC KGGCC KGGCC KGGCC KGGCC KGGCC KGCC KGCC KGCCC KGCC KCCC KGCC KGCC KGCC KGCC KCCC KCCC KGCC KCCC KCCC KGCC KCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCCC KCC KCCC KCC KCCC KCCC KCCC KC K	Alva, Okla. (100) 1420 Oklahoma (11y, Okla. (100)1370 Corpus Christi, Tex. (100). 1500 Los Angeles, Calif. (100). 1200 Raton, N. (100). 1310 Raton, N. (100). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100). 1420 Coffeyrille, Kan. (500). 1010 Albuquerque, N. M. (250). 1230 Pueblo, Col. (250). 3130 Pueblo, Col. (250). 3130 Pueblo, Col. (250). 3120 Little Rock, Ark. (100). 1320 Little Rock, Ark. (100). 1420 Grant City, Mo. (100). 1500 Grant City, Mo. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 890 Tyler, Tex. (100). 1500 San Angelo, Tex. (100). 1320 Little Rock, Ark. (250). 890 Tyler, Tex. (100). 1500 San Angelo, Tex. (100). 1320 Little Rock, Ark. (250). 890 Tyler, Tex. (100). 1500 San Francisco, Calif. (1500). 1320 Elik City, Rox. (100). 1320 Dodge City, Kan. (100). 1210 San Francisco, Calif. (7500). 790 Amarillo, Tex. (1000). 1410 Honolulu, Hawatii (100). 420 Missoula, Mont. 1420 Portland, Ore. (1000). 620
KGFF KGFFK KGFFK KGFFK KGGFF KGGFF KGGFF KGGFF KGGFF KGGFF KGGFF KGGFF KGFF KGFF KGFF KGKL KGFF KGKK KGKX KGKX KGKX KGKX KGKX KGKX	Alva, Okla. (100) 1420 Oklahoma City, Okla. (100)1370 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Moorhend, Minn. (50). 1350 Moorhend, Minn. (50). 1350 Moorhend, Minn. (50). 1370 Ravenna, Nob. (100). 1320 Coffeyrille, Kan. (500). 1010 Albuquerque, M. (525). 1230 Pueblo, Col. (250). 1330 Pueblo, Col. (250). 1330 Pueblo, Col. (250). 1320 Little Rock, Ark. (100). 1360 Butte, Mont. (500). 1360 Trinidad, Col. (100). 1420 Las Vegas, Nev. (100). 1420 Grant City. Mo. (100). 1500 Little Rock, Ark. (250). 890 Ther Arcs. (100). 1500 Wichita Falls, Tex. (250). 570 Sandpoint, Ida. (100). 1500 Monolulu, Hawaii (500). 1320 Elk City, Okla. (100). 1210 San Franciaco, Calif. (7500). 790 Amarillo, Tex. (1000). 1410 Romelium, Ravellium, R
KGFF KGFF KGFF KGFF KGFF KGFF KGGF KGGF	Alva, Okla. (100) 1420 Oklahoma City, Okla. (100) 1370 Corpus Christi, Tex. (100) 1.800 Los Angeles Calif. (200) 1.800 Raton, N. M. (50) 1370 Raton, N. M. (50) 1370 Ravenna, Neb. (100) 1310 Pierre, S. D. (200) 580 San Francisco, Calif. (100) 1.420 Coffeyville, Kan. (500) 1.010 Albuquerque, N. M. (550) 1.230 Pueblo, Col. (250) 1.320 Little Rock. Ark. (100) 1.320 Little Rock. Ark. (100) 1.320 Butte, Mont. (500) 1.320 Butte, Mont. (500) 1.320 Little Rock. Ark. (100) 1.320 Little Rock. Ark. (100) 1.320 Little Rock. Ark. (100) 1.320 Little Rock. Ark. (250) 1.330 Butte, Mont. (500) 1.320 Little Rock. Ark. (250) 1.300 San Angelo, Tex. (100) 1.370 Wichita Falls, Tex. (250) 1.370 Wichita Falls, Tex. (250) 1.320 Elk. City, Okla. (100) 1.320 Elk. City, Okla. (100) 1.320 Elk. City, Okla. (100) 1.320 Bodge City, Kan. (100) 1.320 Morth Platte, Neb. (500) 1.320 Can Francisco, Calif. (3500) 7.90 Amarillo, Tex. (1000) 1410 Honoluln, Hawaii (1000) 940 Missoula, Mont. Hawaii (1000) 940 Missoula, Mont. (1000) 1.200 Los Angeles, Calif. (1000) 500 Spokane, Wash. (1000) 500
KGFF KGFK KGGFF KGFF	Alva, Okla. (100) 1370 Corpus Christi, Tex. (100).1500 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Corpus Christi, Tex. (100).1500 Los Angeles, Calif. (100). 1200 Coffeyrille, Man. (500). 1370 Ravenna, Neb. (100). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100).1420 Coffeyrille, Kan. (500). 1010 Albuquerque, N. M. (550). 1230 Pueblo, Col. (250). 1320 Little Rock, Ark. (100). 1320 Little Rock, Ark. (100). 1360 Little Rock, Ark. (100). 1420 Las Arcess, No. (100). 1420 Las Arcess, Mo. (100). 1420 Las Arcess, Mo. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 590 Wichita Falls, Tex. (250). 570 Sandpoint, Ida. (100). 1420 Los Angelo, Tex. (100). 1300 Honolulu, Hawaii (500). 1320 Elik City, Okla. (100). 1210 North Platte, Neb. (500). 1430 Dodge City, Kan. (100). 1430 Dodge City, Kan. (100). 1430 Honolulu, Hawaii (100). 940 Missoula, Mont. Hawaii (100). 940 Missoula, Mont. (1000). 620 Lacey, Wash. (100). 900 Spokane, Wash. (1000). 950 Red Onk. 1a. (100). 1500
KGFF KKGFF KKGF KKGFF KK	Alva, Okla. (10) 420 Oklahoma (10) 0klahoma (1420 Oklahoma (10) 0klahoma (1420 Oklahoma (1420) 1.500 Oklahoma
KGFF KGFF KGGFF KGFF KGF	Alva, Okla. (100) 1420 Oklahoma City, Okla. (100)1370 Corpus Christi, Tex. (100). 1500 Los Angeles, Calif. (100). 1200 Raton, N. M. (100). 1310 Raton, N. M. (100). 1310 Pierre, S. D. (200). 580 San Francisco, Calif. (100). 1420 Coffeyrille, Kan. (500). 1330 Pueblo, Col. (250). 3320 Pueblo, Col. (250). 3320 Pueblo, Col. (250). 3320 Pueblo, Col. (250). 3320 Pueblo, Col. (250). 320 Little Rock, Ark. (100). 1500 Cant City, Mo. (100). 1500 San Angelo, Tex. (100). 1500 San Angelo, Tex. (100). 1370 Wichita Falls, Tex. (250). 570 Sandpoint, Ida. (100). 1420 Scottishluff, Neb. (100). 1320 Elik. City Mos. (100). 1320 Elik. City Mos. (100). 1320 Pueblo, Col. (100). 1320 Pueblo, Col. (100). 1320 Pueblo, Col. (100). 1320 Amarillo, Tex. (1000). 1410 Honolulu, Hawaii (100). 940 Missoula, Mont. (100). 620 Amarillo, Tex. (1000). 620 Loes, Wash. (100). 500 Pottland, Ore. (1000). 620 Loes, Wash. (100). 500 Potkene, Wash. (100). 500 Pokakine, Wash. (100). 1250 Vakima, Wash. (50). 1310
KGFFU KGFFL KGFFL KGFFK KGGFF KGGGF KGGFF KGFF KG KG KG KG KG KG KG KG KG KG KG KG KG	York, Neb. (500)

.5 III I a	rentrieses Denote Tower Trow	
KJR KLCN	Seattle, Wash. (5000) 97 Blytheville, Ark. (50) 129	0
KLO KLPM	Ogden, Utah (500) 140 Minot, N. D. (100) 142	0
KLRA KLS	Little Rock, Ark. (1000)139 Oakland, Calif. (250)144	0
KLX	Oakland, Calif. (500)	0
KMAC	San Antonio, Tex	0
KMBC	Kansas City, Mo. (1000) 95 Inglewood, Calif	0
KMED	Medford, Orc. (100)	0
KMMJ	Clay Center, Neb. (1000) 74	0
KMOX	Tacoma, Wash. (500)	0
KMTR	Los Angeles, Calif. (1000) 71	C
KOA	Denver, Col. (12500) 83	0
KOB	State College, N. M. (20000)118	C
KOH	Reno, Nev. (500)138	0
KOIN	Portland, Ore. (1000)	C
KOMO	Seattle, Wash. (1000) 92	0
KOOS	Marshfield, Ore. (100)137	0
KOY	Phonix, Ariz. (1000) 139	0
KPJM KPO	Prescott, Ariz. (100)	0
KPOF	Denver, Col. (500)	C
KPQ KPRC	Wenatchee, Wash. (50)150 Houston, Tex. (1000) 92	0
KPSN	Pasadena, Calif. (1000)136 Pittsburgh, Pa. (500)138	C
KQW KRE	San Jose, Calif. (500)101 Berkeley, Calif. (100) 137	0
KREG KRGV	Santa Ana, Calif. (100)150 Harlingen, Tex (500) 126	0
KRLD	Dallas, Tex. (10000) 104 Shreveport, La. (50) 131	0
KROW	Oakland, Calif. (500) 93 Seattle, Wash (50) 112	0
KSAC	Manhattan, Kan. (500) 58 Sign City Is (1000) 133	C
KSD	St. Louis, Mo. (500) 55	0
KSL KSMR	Salt Lake City, Utah (5000)113	0
KSO0	Clarinda, Ia. (500) 138 Signy Falls S. D. (2000) 111	ŏ
KSTP	St. Paul, Minn. (10000)146	0
KTAP KTAR	San Antonio, Tex. (100)142 Phœnix, Ariz (500)	0
KTAT KTBI	Ft. Worth, Tex. (1000)124 Los Angeles, Calif. (1000)130	0
KTBR KTBS	Portland, Ore. (500)	0
KTFI KTHS	Twin Falls, Ida. (250) 132 Hot Springs, Ark. (10000) . 104	0
KTLC KTM	Houston, Tex. (100)	0
KTNT KTRH	Muscatine, Ia. (5000)117 Houston, Tex. (500)112	0
KTSA KTSL	San Antonio, Tex. (1000)129 Shreveport, La. (100)131	0
KTSM KTW	El Paso, Tex. (100)	0
KUJ KUOA	Longview, Wash, (100)137 Fayetteville, Ark. (1000)139	0
KUSD KUT	Vermilion, S. D. (500) 89 Austin, Tex. (100) 150	0
KVL	Tacoma, Wash. (1000)	0
KVOA	Tucson, Ariz. (500)	0
KWCR	Cedar Rapids, Ia. (100)131	0
KWEA	Stockton, Calif. (100)	0
KWK	St. Louis, Mo. (1000) 135	0
KWKH	Shreveport, La. (10000) 85	0
KWSC	Pullman, Wash. (500) 122	0
KXA	Seattle Wash (500) 57	0
KX0 KXRO	El Centro, Calif. (100)150	0
KXYZ	Houston, Tex. (100) 142	0
KYW	Chicago, Ill. (10000)	0
WAAF	Chicago, Ill. (500)	C
WAAT	Jersey City, N. J. (300) 94 Omaha, Neb. (500) 66	0
WABC	New York, N. Y. (5000) 86 Bangor, Mc (100) 120	0
WABZ	New Orleans, La. (100)120 Waco, Tex. (1000)124	0
WADC	Akron, O. (1000)	0
WALR	Zanesville, O. (100)	0
WASH	Grand Rapids, Mich. (500) 127 New York City 135	0
WBAA WBAK	Harrisburg, Pa. (500)140	0
WBAL WBAP	Baltimore, Md. (10000)106 Ft. Worth, Tex. (50000) 80	0
WBAX	Wilkes-Barre, Pa. (100)121 Brooklyn, N. Y. (500)140	0
WBBM WBBR	Chicago, Ill. (25000)	0
WBBZ WBCM	Ponca City. Okla. (100)120 Bay City, Mich. (500)141	0
WBEO	Marquette, Mich. (100)	0
WBIG	Seattle, Wash. (5000) 97 Blytheville, Ark (500) 120 Ogden, Utah (500) 120 Ogden, Utah (500) 130 Minot, N. D. (100) 134 Little Mac (100) 134 Dalland, N. D. (100) 142 Little Mac (116, 100) 134 Onkland, Calif. (500) 84 Denver, Col. (1000) 156 Shenandoah, Ia. (500) 93 San Antonio, Tex. (1000) 17 Kansas City, Mo. (1000) 95 Inglewood, Calif. (100) 121 Mayore, La. Seo. (1000) 120 Mayore, La. Seo. (1000) 121 Mayore, La. Seo. (1000) 120 Beverly Hills, Calif. (500) 120 Beverly Hills, Calif. (500) 17 Los Angeles, Calif. (1000) 57 Hollywood, Calif. (5000) 130 Beverly Hills, Calif. (5000) 130 Corvallis Or. (1000) 130 Convallis Or. (1000) 137 Marshiedd, Ore. (1000) 137 Marshiedd, Ore. (1000) 137 Marshiedd, Ore. (1000) 138 Convallis Or. (1000) 130 Seattle, Wash. (1000) 150 San Francisco, Calif. (5000) 180 Pasadena, Calif. (1000) 130 Seattle, Wash. (1000) 150 San Francisco, Calif. (5000) 180 Pasadena, Calif. (1000) 137 Marshiedd, Or. (1000) 137 Marshiedd, Or. (1000) 137 Marshiedd, Or. (1000) 130 Seattle, Wash. (100) 150 San Francisco, Calif. (1000) 130 San Francisco, Calif. (1000) 130 San Francisco, Calif. (1000) 130 Convallis Or. (	0

WBIS	Boston, Mass. (1000)	.1:	23
WBMS	Hackensack, N. J. (250) New York City (250)	1:	45 35
WBOW	Terre Haute, Ind. (100) Birmingham, Ala. (500)	1	31 93
WBRE	Wilkes-Barre, Pa. (100) Wellesley Hills, Mass. (250)	1	31 92
WBT	Charlotte, N. C. (25000)	1	08
WBZ	Springfield, Mass. (15000)		99
WCAC	Storrs, Conn. (250)		60
WCAE	Pittsburgh, Pa. (1000)	1:	22 22
WCAH	Columbus, O. (500) Lincoln, Neb. (500)	1	43 59
WCAL	Northfield, Minn. (1000) Camden, N. J. (500)	1:	25 28
WCAP	Asbury Park, N. J. (500)	15	60 28
WCAT	Rapid City, S. D. (100) Philadelphia, Pa. (10000)	1:	20 17
WCAX	Burlington, Vt. (100)	1:	20
WCBA	Allentown, Pa. (250)	1	44
WCBM	Baltimore, Md. (100)	13	37
WCCO	Minneapolis, Minn. (7500)	1 8	31
WCCP	New York City (250)	1:	25 35
WCFL	Chicago, Ill. (1500)	1	97 40
WCHI	Chicago, Ill.	14	19
WCLB	Long Beach, N. Y. (100)	1	50
WCLS	Joliet, Ill. (100)	13	31
WCOA	Pensacola, Fla. (500)	1	34
WCOD	Harrisburg, Pa. (100)	15	88 20
WCRW	Yonkers, N. Y. (100)	12	21 21
WCSC	Charleston, S. C. (500) Portland, Me. (1000)	1;	36 94
WDAE	Tampa, Fla. (1000)	1	22
WDAG	Amarillo, Tex. (1000)	1	41
WDAY	Fargo, N. D. (1000)	1	94
WDBO	Orlando, Fla. (500)	1	$\frac{93}{12}$
WDGY	Milmington, Del. (250) Minneapolis, Minn. (1000)	1	12 18
WDIX	Tupelo, Miss. (100)	1:	50 28
WDRC	Hartford, Conn. (500) New Orleans, La. (1000)	1:	33 25
WDWF	Providence, R. I. (100)	1:	21
WEAF	New York City (50000)	1	66
WEAN	Providence, R. I. (250)	1	78
WEBC	Superior, Wis. (1000)	1	29
WEBR	Buffalo, N. Y. (100)	1:	21 31
WEDC	Chicago, Ill. (100) Erie, Pa. (100)	19	21 12
WEEL	Boston, Mass. (1000) Emory, Va. (100)	12	59 20
WELK	Evanston, Ill. (100)	1:	12 37
WELL	Battle Creek, Mich. (50)	1	42
WEPS	Worcester, Mass (100)	1	20
WEW	St. Louis, Mo. (1000)	1	76
WFAA	Dallas, Tex. (50000)	1	80
WFAN	Knoxville, Tenn. (50)	1:	51 20
WFBE	Altoona, Pa. (100)	13	20 31
WFBL WFBM	Syracuse, N. Y. (1000) Indianapolis, Ind. (1000)	13	36
WFBR	Baltimore, Md. (500)	12	27
WFDV	Rome, Ga. (100)	13	37
WFI	Philadelphia, Pa. (500)	-	6
WFLA	Clearwater, Fla. (1000)		52
WGAL	Lancaster, Pa. (100)	13	31
WGAR	Cleveland, O. (500)	1:	15 21
WGBC	Memphis, Tenn. (500) Evansville, Ind. (500)	1	63
WGBI	Scranton, Pa. (250) New York City (250)	1	88 18
WGCM	Sulfport, Miss. (100)	15	21
WGES	Chicago, Ill. (500)	13	36
WGL	Ft. Wayne, Ind. (100)	1	37
WGR	Buffalo, N. Y. (1000)	1	55
WGY	Schenectady, N. Y. (50000)		79
WHAD	Madison, Wis. (750) Milwaukee, Wis. (250)	1	12
WHAM	New York City (1000)	13	15
WHAS	Louisville, Ky. (10000) Philadelphia, Pa. (100)	1	31
WHAZ	Troy, N. Y. (500) Kansas City, Mo (500)	1	30
WHEC	Canton, O. (100)	12	20
WHBF	Rock Island, Ill. (100)	15	21
WHBC	Memphis, Tenn. (100)	13	37
WHBU	Green Bay. Wis. (100)	12	20
WHDF	Boston, Mass. (1000)	13	370
WHDL	Boston, Mass. (1000) Hackensack, N. J. (250) New York City (250) Terre Haute, Ind. (100) Birmingham, Ala. (300) Wellesley Hill, G. (250) Carton, W. (250) Danville, Va. (100) Boston, Mass. (500) Danville, Va. (100) Boston, Mass. (500) Storrs, Conn. (250) Carton, N. Y. (500) Pritsburgh, Pa. (1000) Columbus, O. (500) Carton, N. Y. (500) Pritsburgh, Pa. (1000) Columbus, O. (500) Carton, Min. (0100) Canden, N. J. (500) Baltimore, Md. (250) Asbury Park, N. J. (500) Rapid City, S. D. (100) Philadelubia, Pa. (1000) Baltimore, Md. (250) Aspid City, S. D. (100) Philadelubia, Pa. (1000) Baltimore, Md. (100) Gardiage, Ill. (500) Gardiage, Ill. (500) Baltimore, Md. (100) Baltimore, Md. (100) Baltimore, Md. (100) Minneapolis, Minn. (7500) New York City (250) New York City (250) New York City (250) New York City (250) Chicago, Ill. (1500) Drooklyn, N. Y. (500) Long Beach, N. Y. (100) Joilet, Ill. (100) Joilet, Ill. (100) Charleston, S. (500) Harrisburg, Pa. (100) Jonestille, Wis. (100) Jonestille, Wis. (100) Jonestille, Wis. (100) Harrisburg, Pa. (100) Pensacola, Fla. (500) Harrisburg, Pa. (100) Portland, Me. (1000) Tampa, Fla. (1000) Charleston, S. (500) Charl	1:	18
WHEC	Rochester, N. Y. (500) Cicero, Ill. (100)	14	13
			-

WHK WHN	Blueneid, W. Va. (250)	$1410 \\ 1390$
WHN	Cleveland O (1000)	
	New York City (250)	1010
WHO	Des Moines, Ia. (5000)	1000
WHOM	Jersey City, N. J. (500)	1450
WHP	Harrisburg, Pa. (500)	1430
WIRA	Medicon Wie (500)	1420
WIBG	Elkins Park, Pa. (50)	930
WIBM	Jackson, Mich. (100)	1370
WIBO	Chicago, Ill. (1000)	560
WIBK	Topolog Kan (1990)	1420
WIBX	Utics N V (100)	280
WICC	Topeka, Kan. (1000) Utica, N. Y. (100) Bridgeport, Conn. (500) St. Louis, Mo. (100) Urbana, Ill. (250) Wilmington, Del. (100)	600
WIL	St. Louis, Mo. (100)	1200
WILL	Urbana, Ill. (250)	890
WILM	Wilmington, Del. (100)1	1420
WIDD	Philadelphia Po (500)	1300
WIS	Columbia S C (500)	610
WISJ	Madison, Wis. (500)	780
WISN	Milwaukee, Wis. (250)	1120
WJAC	Johnstown, Pa. (100)	1310
WJAG	Milwaukee, Wis. (250) Johnstown, Pa. (100) 1 Johnstown, Pa. (100) 1 Marion, Ind. (50) 1 Providence, R. I. (250) 1 Providen	1060
WJAR	Providence R I (250)	890
WJAS	Pittsburgh, Pa. (1000)	1290
WJAX	Jacksonville, Fla. (1000)	900
WJAY	Cleveland, O. (500)	610
WIRC	La Salle III (100)	1200
WJBI	Red Bank, N. J. (100) 1	210
WJBK	Detroit, Mich. (50)	1370
WJBL	Decatur, Ill. (100)	1200
MIRO	New Orleans, La. (100)	1420
WIRW	Decatur, Ill. (100)	210
WJBY	Gadsden, Ala. (50)	210
WJDX	Jackson, Miss. (1000)	1270
WJJD	Mooseheart, Ill. (20000)	1130
WIR	Detroit Mich (5000)	750
WJSV	Alexandria, Va (10000)	1460
WJW	Mansfield, O. (100)	1210
WJZ	New York City (30000)	760
WKAQ	San Juan, P. R. (500)	890
WKAV	Laconia, N. H (1000)]	1310
WKBB	New Orleans, La. (30)	1310
WKBC	Joliet, Ill. (100)  Birmingham, Ala. (100)  Indianapolis, Ind. (500)  Indianapolis, Ind. (500)	1310
WKBF	Indianapolis, Ind. (500)	1400
WKBH		1400
WKBN	Chicago, III. (100). Youngstown, O. (500). Jersey City, N. J. (250). New York City (250). Galesburg, III. (100). Connersville, Ind. (100). Buffalo, N. Y. (5000). Ludington, Mich. (50). Lancaster, Pa. (100). Cincinnati, O. (500). Oklalnoma City, Okla. (1000). Kalamazco, Mich. (1000).	570
WKBO	Jersey City, N. J. (250)1	1450
WKBQ	New York City (250)	1350
WKBS	Galesburg, Ill. (100)	1310
WKBV	Connersville, Ind. (100)	1500
WKRZ	Buffalo, N. Y. (5000)	1500
WKJC	Lancaster, Pa. (100)	1200
WKRC	Cincinnati, O. (500)	550
WKY	Oklahoma City, Okla. (1000)	500
WKZO	Machaille Tonn (5000)	590
WLAD	Louisville, Ky (100)	1200
WLB	St. Paul. Minn. (1000)	1250
WLBC	Louisville, Ky. (100) St. Paul, Minn. (1000) Muncie, Ind. (50) Kansas City, Kan. (100) Petersburg, Va. (100) Stevens Point, Wis. (2000) Oil City, Pa. (500)	1310
WLBF	Kansas City, Kan. (100)	1420
WI.BI.	Stevens Point, Wis. (2000)	7200
WLBW	Oil City. Pa. (500)	1260
WLBX	Long Is. City, N. Y. (100)	1500
WLBZ	Bangor, Me. (500)	620
WLCI	Modford Mana (500)	1210
WLEY	Lexington Mass (100)	1370
WLIT	Philadelphia, Pa. (500)	560
WLOE	Boston, Mass. (100)	1500
WLS_	Chicago, Ill. (5000)	
		1010
WLSI	Providence, R. I. (100)	1210
WLSI WLTH WLVA	Providence, R. I. (100)	1210 1400 1370
WLSI WLTH WLVA WLW	Providence, R. I. (100)	1210 1400 1370 700
WLSI WLTH WLVA WLW WLWL	Providence R. I. (100)	1210 1400 1370 700 1100
WLSI WLTH WLVA WLW WLWL	Providence, R. I. (100)	1210 1400 1370 700 1100 570
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAK	Providence, R. I. (100)	1210 1400 1370 700 1100 570 1040
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAL WMAL	Providence, R. I. (100)	1210 1400 1370 700 1100 570 1040 630 670
WLSI WLTH WLW WLW WMAC WMAK WMAL WMAQ WMAZ	Providence, R. I. (100)	1210 1400 1370 700 1100 570 1040 630 670 890
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAL WMAQ WMAZ WMAZ	Providence, R. I. (100)	1210 1400 1370 700 1100 570 1040 630 670 890
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAL WMAZ WMAZ WMBA	Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Cincinnati, O. (50000) New York City (5000) Syracuse N. Y. (230) Buffalo, N. Y. (1000) Washington, D. C. (250) Macon, Gl. (5000) Macon, Gl. (5000) Newport, R. I. (100) Detroit, Mich. (100)	1210 1400 700 1100 570 1040 630 670 890 1500
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAL WMAZ WMAZ WMBC WMBC WMBD	Providence, R. I. (100)	1210 1400 1370 700 1100 570 1040 630 670 890 1500 1420
WLSI WLVA WLWL WMAC WMAC WMAC WMAC WMAS WMAS WMAS WMBS WMBG WMBG WMBH	Providence, R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Cincinnati, O. (50000) New York City (5000) Syracuse, N. Y. (250) Buffalo, N. Y. (1000) Washington, O. (250) Macon, G. (250) Macon, G. (250) Macon, G. (250) Peoria Heights, III. (500) Richmond, Va. (100) Richmond, Va. (100) Joplin, Mo. (100)	1210 1400 1370 700 1100 570 1040 630 670 890 1500 1420 1420
WLSI WLTH WLVA WLW WLWL WMAC WMAC WMAL WMAQ WMAZ WMBC WMBD WMBG WMBH	Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Cincinnati, O. (50000) New York City (5000) Syracuse, N. Y. (250) Buffalo, N. Y. (1000) Washington, D. C. (250) Chicago, Ill. (5000) Macon, Ga. (250) Newport, R. I. (100) Detroit, Mich. (100) Peoria Heights, Ill. (500) Joplin, Mo. (100) Joplin, Mo. (100) Chicago, Ill. (5000)	1210 1400 1370 700 1100 570 1040 670 890 1500 1420 1420 1420 1080
WLSI WLTH WLVA WLW WLWL WMAC WMAK WMAL WMAQ WMAZ WMBA WMBG WMBG WMBG WMBG WMBG	Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) Nacon, G. (250) Macon, G. (250) Macon, G. (250) Macon, G. (250) Peoria Heights, II. (500) Richmond, Va. (100) Joplin, Mo. (100) Joplin, Mo. (100) Chicago, III. (5000) Chicago, III. (5000) Chicago, N. Y. (100)	1210 1400 1370 700 1100 570 1040 630 670 890 1500 1420 1420 1080
WLSI WLTH WLVA WLW WLWL WMAC WMAC WMAC WMAC WMAS WMBC WMBG WMBG WMBG WMBG WMBG WMBG WMBG	Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New John Comments Washington, D. C. (250) Chicago, Ill. (5000) Macon, Ga. (250) Newport, R. I. (100) Detroit. Mich. (100) Peoria Heights, Ill. (500) Joplin, Mo. (100) Chicago, Ill. (500) Southern Comments Chicago, Ill. (500) Detroit. Mich. (100) Detroit. Mich. (100) Detroit. William (100) Detroit. Mich. (100) Detroit. William (100	1210 1400 1370 700 1100 570 630 630 670 1420 1420 1420 1420 1080
WLSI WLTH WLVA WLWL WMAC WMAC WMAC WMAZ WMAZ WMBG WMBG WMBBG WMBBG WMBBG WMBBG WMBG WM	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (500) Nacon, Ga. (250) Nacon, Ga. (250) Nacon, Ga. (250) Nacon, Ga. (250) Newport, R. I. (100) Detroit, Mich. (100) Peroria Heights, Ill. (500) Richmond, Va. (100) Joplin, Mo. (100) Chicago, Ill. (5000) Security (5000) Chicago, Ill. (5000) Tampa, Pla. (100) Tampa, Pla. (100) Memphis, Tenn. (500)	1210 1400 1370 700 1100 570 630 630 680 1500 1420 1420 1420 1080 1500
WLSI WLTH WLVA WLWL WMAC WMAC WMAC WMAC WMAC WMAC WMAC WMAC	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New Gold (500) Macone Gold (500) Memphis Tenn (500) Memphis Tenn (500)	1210 1400 1370 700 1100 630 670 890 1500 1420 1420 1420 1420 1500 1500 1420 1420 1500 1500 1500 1500 1500 1500 1500 15
WLSI WLTH WLVA WLWL WMAC WMAC WMAC WMAZ WMAZ WMAZ WMBA WMBG WMBB WMBB WMBB WMBB WMBB WMBB WMBB	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Procklyne, Vol. (100) Pew York (116, 100) Pew York (116, 100) Pew York (116, 100) Pew York (116, 100) Washington, D. C. (250) Macon, Ga. (250) Macon, Ga. (250) Mewport, R. I. (100) Detroit, Mich. (100) Peroria Heights, Ill. (500) Peroria Heights, Ill. (500) Peroria Heights, Ill. (500) Peroria Heights, Ill. (500) Proceedings, Ill. (500) Proceedings	1210 1400 1370 700 1100 630 670 890 1500 1420 1420 1420 1420 1370 780 570 890
WLSI WLTH WLVA WLWL WMAC WMAC WMAC WMAC WMAQ WMAZ WMBG WMBG WMBG WMBG WMBG WMBG WMBG WMBG	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New Tork City (5000) Nacon, G. (250) Macon, G. (250) Macon, G. (250) Macon, G. (250) Macon, G. (250) Peoria Heights, III. (500) Detroit. Mich. (100) Peroria Heights, III. (500) Richmond, Va. (100) Joplin, Mo. (100) Joplin, Mo. (100) Drokelyn, N. Y. (100) Brooklyn, N. Y. (100) Tampa, Fla. (100) Memphis, Tenn. (500) New York City. (500) Fairmont, W. W. (250) Fairmont, W. W. (250)	1210 1400 1370 700 1570 1040 630 670 1500 1420 1420 1420 1420 1310 1370 780 570 890 1590 1590 1590 1590 1590 1590 1590 15
WLSI WLTH WLVA WLW WLW WLW WLW WMAC WMAC WMAC WMAC WMAC WMAC WMAC WMBG WMBG WMBG WMBG WMBG WMBG WMBG WMBG	Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) Mason, Ga. (250) Buffalo, N. Y. (1000) Washington, D. C. (250) Chicago, Ill. (5000) Macon, Ga. (250) Newport, R. I. (100) Detroit. Mich. (100) Peoria Heights, Ill. (500) Joplin, Mo. (100) Chicago, Ill. (5000) Detroit. Mich. (100) Joplin, Mo. (100) Detroit. Mich. (100) Joplin, Mo. (100) Detroit. Mich. (100) Jamaica, N. Y. (100) New York City. (500) New York City. (500) New York City. (500) New York City. (500)	1210 1400 1370 700 1570 1040 630 670 1042 1042 1042 1042 1042 1042 1042 104
WLSI WLTH WLVA WLW WLW WLWL WMAC WMAC WMAC WMAC WMAC WMAC WMAC WMAC	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) Nacon, G. (250) Macon, G. (	1210 14100 13700 11000 5700 6300 6300 6420 15000 14200 14210 14200 13700 15000
WLSI WLTH WLVA WLW WLW WLWL WMAC WMAC WMAAL WMBC WMMBC WMBBG WMBBG WMBBH WMBBI WMBC WMBC WMBC WMBC WMBC WMBC WMBC WMBC	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) Syraeuse N. Y. (230) Buffalo, N. Y. (1000) Washington, D. C. (250) Macon, Gh. (250) Newport, R. I. (100) Dicago, Ill. (5000) Newport, R. (100) Dirampa, Pla. (100) Nemphis, Tenn (500) New York City (500) Fairmont, W. Va. (250) Lapeer, Mich. (100) Jamaica, N. Y. (100) Jamaica, N. Y. (100) New York City (550) Waterloo, Ia. (500) Waterloo, Ia. (500) New York City (550) Waterloo, Ia. (500) New York City (550) Waterloo, Ia. (500) Boston, Manss. (1000)	1210 14400 1370 1100 570 1040 630 630 642 1500 1420 1442 1440 1370 1370 570 890 1500 1370 1350 1350 1350 1350 1350 1350 1350 135
WLSI WLTH WLVA WLW WLW WLWI WMAC WMAAL WMAAQ WMBA WMBE WMBE WMBE WMBE WMBE WMBE WMBE WMBE	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) Nacon, Ga. (250) Macon, Ga. (250) Macon, Ga. (250) Macon, Ga. (250) Macon, Ga. (250) Newport, R. I. (100) Detroit, Mich. (100) Peroria Heights, III. (500) Richmond, Va. (100) Joplin, Mo. (100) Joplin, Mo. (100) Brooklyn, N. Y. (100) Brooklyn, N. Y. (100) New York City (500) New York City (500) Lapeer, Mich. (100) Jamaica, N. Y. (100) New York City (250) Lapeer, Mich. (100) New York City (250) New Hork City (250) Norman. (94ka, 5000)	1210 1440 1370 1700 1100 570 1040 630 670 890 1420 1420 1420 1420 1420 1420 1550 1420 1420 1420 1420 1550 1650 1650 1650 1650 1650 1650 165
WLSI WLTH WLVA WLW WLWWWWW WLWUL WMAC WMAA WMMAL WMAQ WMMAZ WMMBC WMMBG WMBBG WMBG WM	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New Grand Company New Grand Company New Grand Company New Grand Company New York City (500) Pairmont, W. V. (100) Procklyn, N. Y. (100) Procklyn, N. Y. (100) Procklyn, N. Y. (100) Procklyn, New York City (500) Primmont, W. Va. (250) Primmont, W. Va	12100 14400 13700 11000 5700 10400 6300 6700 8900 14200 14200 14200 14200 14200 1550
WLSI WLTH WLVA WLW WLW WLW WMAC WMAC WMAC WMAC WMBAC WMBG WMBG WMBG WMBG WMBG WMBG WMBG WMBG	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) Nacon, Ga. (250) Nacon, Ga. (250) Nacon, Ga. (250) Nacon, Ga. (250) Newport, R. I. (100) Detroit. Mich. (100) Peoria Heights, Ill. (500) Peoria Heights, Ill. (500) Neithmond, Va. (100) Joplin, Mo. (100) Chicago, Ill. (5000) New The New York City (500) New York City (500) New York City (500) New York City (500) New York City (250) New Sork City (250) New Sork City (250) New Sork City (250) New Bedford, Mass. (1000) New Bedford, Mass. (1000)	1210 1400 1370 1700 1100 1040 630 670 1420 1420 1440 1421 1089 1370 780 890 1370 780 1089 1099 1099 1099 1099 1099 1099 10
WLSI WLTH WLVA WLW WLW WLW WMAC WMAC WMAC WMAC WMBG WMBG WMBBH WMBI WMBG WMBG WMBG WMBG WMBG WMBG WMBG WMBG	Providence, R. I. (100) Providence, R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) New Grand (1000) New York City (5000) New Grand (1000) New York City (1000) New Grand (1000) New Grand (100) Macon, Ga. (250) Newport, R. I. (100) Detroit, Mich. (100) Newport, R. I. (100) Dottoit, No. (100) Dottoit, No. (100) Drokelyn, N. Y. (100) Drokelyn, N. Y. (100) Drokelyn, N. Y. (100) Memphis, Tenn. (500) Damaica N. (100) Damaica N. (100) Doston, Mass. (1000) Norman, Okla (500) Singhamton, N. Y. (100) New Bedford, Mass. (100) New Bedford, Mass. (100) Washington, Pa. (100)	1210 14400 1370 1700 1100 630 670 6870 1420 14420 14420 14420 14420 1550 1370 780 1570 890 1370 1370 1370 1370 1370 1370 1370 137
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WLSI WLTH WLVA WLWWL WLWWL WMAC WMAC WMAC WMAC WMBC WMBC WMBC WMBC WMBC WMBC WMBC WMB	Providence R. I. (100) Providence R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York (100) Macon, Ga. (250) Macon, Ga. (100) Detroit. Mich. (100) Detroit. Mich. (100) Detroit. Mich. (100) Mey Tork (100) Detroit. Mich. (100) Muburn, N. Y. (100) Juburn, N. Y. (100) Jampia, N. Y. (100) Memphis, Tenn. (500) New York City. (500) New York City. (500) Paimaica, N. Y. (100) Jamaica, N. Y. (100) Jamaica, N. Y. (100) Norman, Okla. (500) Memphis, Tenn. (1000) Memphis, Tenn. (100) Memphis, Te	1210 1400 1370 1100 1040 1630 1500 1500 14420 1420 1420 1420 1420 1420 1420 1
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WLSI WLVA WLWA WLWA WWA WWA WWA WWA WWA WWA WWA	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Providence R. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) Macon, Ga. (250) Macon, Macon, Ga. (250) Macon, Mason, Ga. (250) Macon, Ga. (250) Macon	1210 14000 11000 11000 11000 630 630 630 630 642 890 14200 14200 14200 1370 1370 1200 1210 1200 1430 1200 1440 1210 1210 1210 1210 1210 121
WLSI WLVW WMAU WMAU WMAAC WMAAC WMAAC WMAAC WMAAC WMABO WMBBO WMBO WM	Providence R. I. (100) Providence R. I. (100) Procklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New Tork City (5000) New Tork City (5000) New Tork City (1000) New Tork City (1000) New Tork City (1000) New Tork City (100) Nacon, Ga. (250) Nacon, Ga. (250) Nacon, Ga. (250) Newport, R. I. (100) Detroit, Mich. (100) Detroit, Mich. (100) Newport, R. I. (100) Neithmond, Va. (100) Joplin, Mo. (100) Joplin, Mo. (100) Noblem No. (100) New Tork (100) New York City (500) New York City (500) New York City (500) New Tork City (500) New Hork City (100) New New City (100) New Hork City (100) New New City (100) New Tork City (100) New	1210 1400 1100 1100 1100 1040 1040 1050 1420 1420 1420 1440 1420 1420 1420 1500 1210 1210 1210 1210 1210 1210 12
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WLSI WLVA WLWI WLWI WLWI WLWI WLWI WLWI WLWI WLW	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Providence R. (100) Lynchburg, Va. (100) New York City (5000) New York City (5000) New York City (5000) New York City (5000) New Tork City (5000) New Tork City (5000) Macon, Ga. (250) Mempot, R. I. (100) Detroit, Mich. (100) Peoria Heights, III. (5000) New Heights, III. (5000) Memphis, Tenn. (5000) Memphis, Tenn. (500) Memphis, Tenn. (100) Memphis,	1210 1400 700 1570 1040 670 630 670 6890 1420 1420 1420 1440 1440 1450 1500 1500 1500 1500 150
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WLSI WLVA WLWI WLWI WLWI WLWI WLWI WLWI WLWI WLW	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, Va. (100) New York City (5000) Nacon, Ga. (250) Macon, Mason, S. (1000) Macon, Mason, S. (1000) Macon, Mason, S. (1000) Macon, Mason, Mason, Macon, Mason, Mas	1210 1400 1570 1570 1570 1570 1570 1570 1570 15
WLSI WLVW WLWI WMAD WWLWI WMAD WMAD WMAD WMAD WMAD WMBD WMBB WMBB WMBB WMBB WMBB WMBB WMB	Providence, R. I. (100) Providence, R. I. (100) Lynchburg, V. (500) Lynchburg, V. (100) Lynchburg, V. (100) Lynchburg, V. (5000) New York (100) Macon, Ga. (250) Macon,	1210 1400 1570 1570 1040 1570 1040 1500 1040 1500 1420 1420 1420 1421 1042 1083 1093 1093 1093 1093 1093 1093 1093 109
WLSI WLVW WLWI WLWI WLWI WLWI WLWI WLWI WLW	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, Va. (100) New York City (5000) Nacon, Ga. (250) Macon, Ga. (250) Newport, R. I. (100) Detroit. Mich. (100) Peoria Heights, III. (5000) Richmond, Va. (100) Joplin, Mo. (100) Joplin, Mo. (100) Joplin, Mo. (100) Brooklyn, N. Y. (100) New York City. (500) Boston, Mass. (1000) Boston, Mass. (1000) Boston, Mass. (1000) Boston, Mass. (1000) San Antonio, Pa. (100) Washington, Pa. (100) Washington, Pa. (100) Saranac Lake, N. Y. (50) San Antonio, Tex. (5000) San Antonio, Tex. (5000) San Antonio, Tex. (5000) James Ja. (5000) Jamestown, N. Y. (50) James, Ia. (5000) Mobile, Ala. (5000) Mobile, Ala. (5000) Mobile, Ala. (5000) Menes, Ia. (5000) Mobile, Ala. (5000) Macon, Menes, Ia. (5000) Manes, Ia. (5000)	1210 14000 1570 10040 6300 6300 6300 6300 6300 6300 6300
WLSI WLVW WLWI WMAD WLWI WMAD WMAD WMAD WMAD WMAD WMAD WMBB WMBB WMBB WMBB WMBB WMBB WMBC WMBB WMBC WMBC	Providence, R. I. (100) Providence, R. I. (100) Brooklyn, N. Y. (500) Lynchburg, Va. (100) Lynchburg, Va. (100) New York City (5000) Macon, Ga. (250) Macon, Ga. (260) Macon, Ga	1210 1400 1570 1570 1630 1630 1630 1630 1630 1630 1630 163
WLSI WLVW WLWI WLWI WLWI WLWI WLWI WLWI WLW	Providence R. I. (100) Providence R. I. (100) Providence R. I. (100) Lynchburg, V. (500) Lynchburg, V. (100) New York City (5000) Macon, Ga. (250) Meyport, R. I. (100) Detroit, Mich. (100) Peoria Heights, III. (500) Allourie, N. (100) Detroit, Mich. (100) Detroit, Mich. (100) Detroit, Mich. (100) Detroit, N. (100) Detroit, Mich. (100) New York City (500) Detroit, Mich. (100) Detroit, Mich. (	1210 14000 15700 15700 15700 16330 16330 16300 14420 14420 14210 14220 14210 14220 14210 14200 12300 12300 12300 12300 12200 14300 12200 12200 12200 12200 12200 12200 12300 12400 12400 12400 12500 1
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WLSI WLVW WLWI WMAD WWLWI WMAD WMAD WMAD WMAD WMAD WMAD WMBBHI WMBO WMBBHI WMBO WMBBHI WMBO WMBBHI WMBO WMMBC WMMCA WMMC	Providence, R. I. (100) Providence, R. I. (100) Lynchburg, V. (500) Lynchburg, V. (500) Lynchburg, V. (500) Lynchburg, V. (500) Lynchburg, V. (5000) New York Cit, (5000) New York Cit, (5000) New York Cit, (5000) Macon, Ga. (250) Macon,	10100 14400 14400 15700 15700 15700 16300 16300 16420
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WLSI WLVW WLWI WMAD WWLWI WMAD WMAD WMAD WMAD WMAD WMAD WMBB WMBB WMBB WMBB WMBB WMBB WMBB WMB	Providence, R. I. (100) Providence, R. I. (100) Lynchburg, V. (500) Lynchburg, V. (500) Lynchburg, V. (100) Lynchburg, V. (500) Lynchburg, V. (5000) Lynchburg, V. (5000) New York City Washington, D. C. (250) Macon, Ga. (250) Ma	14100 14300 14400 15700 15700 15700 15700 15700 15700 15700 14420 14420 14420 14420 14420 14420 15500 12200 12200 12200 12300 12420
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WLSI WILYM W	Providence, R. I. (100) Providence, R. I. (100) Lynchburg, V. Y. (500) Lynchburg, V. (100) Lynchburg, V. (100) Lynchburg, V. (100) New York Civ. (5000) New York Civ. (5000) New York Civ. (5000) New York Civ. (5000) Macon, Ga. (250) Macon, Ga. (	1210 1400 1370 1700 1010 1040 1050 1050 1050 1050 1050 10

N. B. C.	C. B. S.	Kyc. Stations Heard	WPAW	Pawtucket, R. I. (100)	1210 CHWK	Chilliwack, B. C. (5). Montreal, Que. (5000) Regina, Sask. (500)	730		4 T 1.	0	1	74.4	
KSD-KFYR	WGR-WKRC	550 ←	WPCH	New York City (500)	810 CJBR	Regina, Sask. (500) Edmonton Alta. (500)	960	St	ate Inde	x—U	nain a	Stations	
WFI-WIBO WLIT	KLZ-WOAM	560 ←	WPG	Atlantic City, N. J. (5000)	1100 CJCB	Edmonton, Alta. (500) Sydney, N. S. (50) Calgary, Alta. (500) London, Ont. (5000)	880	Ala.	WAPI	1140	N, Y.	WABC	860
	WKBN-WNAX WWNC	570 ←	WPSC	State College, Pa. (500)	1230 CJGC	London, Ont. (5000) Yorkton, Sask. (500)	910		WBRC	930		WEAF	660
WTAG	WIBW	580 ←	WQAM	Miami, Fla. (1000)	560 CJOC	Lethbridge, Alta (50).	1120		KTAR	620		WJZ	760
WEEI-WOW KHQ	WOAD WAT	590 ←	WQAN	New York City (250)	1010 CJRM	Moose Jaw, Sask. (500	0) 600			1040		WBEN	900
KFSD	WCAO-WMT WREC	600 ←	WQBC	St. Albans, Vt. (100)	1370 CKAC	Fleming, Sask. (500). Montreal, Que. (5000)	600 ) 730			1390		WGR	550
WDAF	WFAN-KFRC	610 ←	WODX	Thomasville, Ga. (100) La Porte, Ind. (100)	1210 CKCD	Vancouver, B. C. (50) Quebec, Que. (22%)	730	Calif.		790		WKBW	
WFLA-WTMJ KGW-KTAR	WLBZ	620 ←	WRAK	Williamsport, Pa. (100) Reading, Pa. (100)	1370 CKCK	Yorkton, Sask. (500) Lethbridge, Alta. (50). Sea Island, B. C. (50). Moose Jaw, Sask. (500). Montreal, Que. (5000' Vancouver, B. C. (50). Quebec, Que. (22½) Regina, Sask. (500) Toronto, Ont. (500) Ottawa, Ont. (100) Waterloo, Ont. (50)	960		KP0	680		WHAM	
	WMAL	630 ←	WRAX	Philadelphia, Pa. (250)	1020 CKCO	Ottawa, Ont. (100)	890		KFRC	610		WHEC	
KFI	WAIU	640 <b>←</b> 650 <b>←</b>	WRBJ	Hattiesburg, Miss. (10)	1370 CKCV	Ottawa, Ont. (100)	880			1430		WGY	790
WEAF		660 ←	WRBQ	Greenville, Miss. (100)	1210 CKGW	Toronto, Ont. (5000)	690		KFI	640		WFBL	
WEAT	WMAQ	670 ←	WRBX	Wilmington, N. C. (100) Roanoke, Va. (250)	1370 CKIC	Red Deer, Alta. (1000	) 930 ) 840		KHJ	900		woko	
KPO-WPTF		680 ←	WRC	Washington, D. C. (500) Augusta, Me. (100)	950 CKMC	Vancouver, B. C. (50	1210		KFSD		N.C.	WBT	1080
CKGW		690 ←	WRDW	Augusta, Ga. (100)	.1500 CKNC	Toronto, Ont. (500)	580 1120	Col.	KOA	830		WPTF	680
WLW		700 ←	WREN WRHM	Lawrence, Kan. (1000)	1220 CKPC 1250 CKPR	Preston, Ont. (25)	1210		KLZ	560		WWNC	
WGN		720 ←	WRJN	Racine, Wis. (100)	.1370 CKUA	Edmonton, Alta. (500) Vancouver, B. C. (100)		Conn.			N. D.	WDAY	
	CKAC	730 ←	WRNY	Lawrence, Kan. (1000) Minneapolis, Minn. (1000) Racine, Wis. (100) New York City (700) Knoxville, Tenn. (50) Dallas, Tex. (500) Gainesville, Fla. (5000) Cincinnati, O. (500) Grove City, Pa. (100) Allentown, Pa. (250) Fall River, Mass. (250) Huntington, W. vs. (1000 Atlanta, Ga. (5000)	1010 CKWX	Vancouver, B. C. (100 Brandon, Man. (500). Winnipeg, Man. (500). Winnipeg, Man. (500). Moncton, N. B. (500)	540	D 0		1330	01.:	KFYR	550
WSB		740 🗲	WRR	Gainesville, Fla. (5000)	1280 CKY 830 CNRA	Moncton, N. B. (500)	630	D, C.	WMAL	630	Ohio	WSPD	
WJR		750 ←	WRVA WSAI	Cincinnati, O. (500)	1110 CNRC	Red Deer, Alta. (500)	) 690 ) 840	771-	WRC	950		WTAM	
WJZ	KVI	760 ←	WSAJ WSAN	Grove City, Pa. (100)	1310 CNRH	Halifax, N. S. (500) London, Ont. (500)	910 910	Fla.	WFLA	620		WGAR	
KFAB	WBBM	770 ←	WSAR WSAZ	Fall River, Mass. (250) Huntington W Va (1000	1450 CNRM ) 580 CNRO	Montreal, Que. (5000)	730		WJAX	900		WHK	
	WEAN-WTAR	780 ←	WSB	Atlanta, Ga. (5000)	740 CNRQ	Quebec, Que. (50)	880		WIOD			WADC	
WGY-KGO		790 🗲	WSBT	South Bend, Ind. (500)	1230 CNRS	Saskatoon, Sask. (500	) 910		WQAM	560		WKBN	570
WFAA-WBAP	WCCC	800 ←	WSFA	Montgomery, Ala. (500)	1410 CNRV	Vancouver, B. C. (500)	)1030		WDBO			WAIU	640
WHAC	wcco	810 <del>←</del> 820 <del>←</del>	WSJS	Winston-Salem, N. C. (100)	1210 CNRW 0)1310 CNRX	Neglia, Sask. (500) Saskatoon, Sask. (500) Toronto, Ont. (500) Vancouver, B. C. (500 Winnipeg, Man. (5000) Toronto, Ont. (4000) Toronto, Ont. (5000).	780	a.	WDAE			WCAH	
WHAS		830 ←	WSM WSMB	Nashville, Tenn. (5000) New Orleans, La. (500)	650 CPRY	Toronto, Ont. (5000).	690	Ga.	WSB	740		WLW	700
KOA	WABC	860 🗲	WSMK	Dayton, O. (200)	1380	CUBA Caibarien (250)	990		WTOC	890		WSAI	
WENR-WLS		870 🗲	WSPA	Spartanburg, S. C. (100)	1420 CMHA	Cienfuegos (200)	1154	T11	WGST		01-1-	WKRC	550
WJAR	WGST	890 ←	WSSH	Boston, Mass. (500)	1410 CMBC	Havana (150)	955	I11.	KYW WBBM	770	okia.	KFJF WKY	1480 900
WBEN-WJAX WKY KPRC-KOMO WWJ	KHJ	900 ←	WSUN	St. Petersburg, Fla. (1000	) 620 CMBG	Santiago de las Vegas	(150) 1070		WENR	870		KVOO	
KPRC-KOMO		920 🗲	WSYB	Rutland, Vt. (100)	1500 CMBS	Havana (150)	1070		WLS		Ore.	KGW	620
	WBRC-WDBJ	930 ←	WTAD	Quincy, Ill. (500)	1440 CMBY	Marianac (100)	1010 1405		WCN	720	OIE.	KOIN	940
WCSH-WDAY	KOIN	940 ←	WTAG	Worcester, Mass. (250) Cleveland, O. (50000)	580 CMBZ	Havana (150) Havana (500)	1010		WIBO	560	Da	KDKA	980
WRC	KMBC	950 ←	WTAQ WTAR	Eau Claire, Wis. (1000) Norfolk, Va. (500)	1330 CMCA 780 CMCB	Havana (150)	1225		WMAQ	670	I d.	WCAE	
	CFRB	960 ←	WTAW	College Station, Tex. (500 Streator, Ill. (50)	1210 CMCF	Havana (250)	900		WCFL	970		WJAS	
WCFL		970 ←	WTBO	Cumberland, Md. (100)	1420 CMCN	Havana (250)	1225			1130		WLBW	
KDKA		980 ←	WTFI	Toccoa, Ga. (500)	1450 CMCQ	Havana (600)	1150	Ind.	WOWO			WHP	1430
WBZ		990 ←	WTMJ	Alientown, Pa. (250). Alientown, Pa. (250). Fall River, Mass. (250). Huthartor, W. (1000). Chierage, III. (100). South Bend, Ind. (500). Columbus, O. (500). Montgomery, Ala. (500). Montgomery, Ala. (500). Springfield, Tenn. (100). New Orleans, La. (500). Doston, Mass. (500). Boston, Mass. (500). Boston, Mass. (500). Boston, Mass. (500). Boston, Mass. (500). St. Petersburg, Fla. (100). Buffalo, N. Y. (50). St. Petersburg, Fla. (100). St. P	620 CMCX	CUBA Chibarien (250) Cienfuegos (200) Cienfuegos (200) Cienfuegos (200) Havana (150) Havana (250)	1010	IIIu.	WGL	1370		WCAU	
WHO-WOC		1000 <b>←</b>	WTOC	Savannah, Ga. (5000)	1260 CMQ	Havana (250)	1150 588		WFBM			WIP	610
CFCF		1030 ←	WWAE	Detroit, Mich. (100)	920 CMX	Santiago de Cuba (150	900	Ia.	KOIL	1260		WLIT	560
KTHS	KRLD	1040 ←	WWL	New Orleans, La. (5000) Asheville, N. C. (1000)	850 CMKE 570 CMKH	Santiago (250) Santiago (250) Tuinucu (500)	1250		KSCJ	1330	R. I	WEAN	780
WBAL-WTIC		1060 ←	WWRL	Woodside, N. Y. (100)	1500 CMHC	Tuinucu (500)	791		WHO	1000		WJAR	890
WTAM		1070 ←	WWVA	Wheeling, W. Vn. (5000)	1160 1240 HUK	HAITI Port au Prince (1000)	990		WMT	600	S.D.	WNAX	
	WBT	1080 ←		CANADIAN STATIONS	HAR	MINTOO		Kan.	WREN	1220	Tenn.	WMC	780
	кмох	1090 ←	CFAC CFBO	Calgary, Alta. (500)	690 XFC	Ajuas Calientes (350). Chihunhua (250). Gaudaljara (100). Juarez (100). Juarez (100). Juarez (100). Laredo (2500). Merida (100). Mesico City (1000). Mexico City (2500). Mexico City (2500). Mexico City (2000). Mexico City (2000).	805		WIBW	580		WREC	600
	WPG	1100 ←	CFCA	Caleary, Alta. (500). St. Joho, N. R. (50). Toronto, Ont. (500). Montrola, Que. (500). North Hay, Ont. (250). Calgary, Alta. (500). Charlottetowo, P. E. 1. (250). Prescott, Ont. (50). Prescott, Ont. (50). Prescott, Ont. (50). Saskatoon, Sask. (500). Charlottetown, P. E. 1. (30). Charlottetown, P. E. 1. (30). Charlottetown, P. E. 1. (31).	- 840 XEA	Gaudaljara (100)	1000		KFH	1300		WLAC	1470
WRVA	KABA MESE	1110 ←	CFCF	North Bay, Out. (250)	1200 XEJ	Junrez (1000)	750	Ky.	WCKY	1490		WSM	650
	KTRH-WDBO	1120 ←	CFCN CFCO CFCT	Chatham, Oot. (100)	1210 XEY	Merida (100)	1430		WHAS	820		WDOD	
KSL	MIID	1130 ←	CFCT	Charlottetowo, P. E. J. (250	630 XEB	Mexico City (1000) Mexico City (250)	1030	La.	WDSU			KRLD	1040
KVOO-WAPI		1140 ←	CFJC	Prescott, Out. (50)	1120 XEG	Mexico City (2000) Mexico City (1000)	840 719		WSMB			WFAA	800
WHAM	wowo	1150 <b>←</b>	CFNB	Frederickton, N. B. (50). Saskatoon Sask (500)	1210 XEO	Mexico City (5000)	940	Me.	WLBZ	620		WBAP	
	WCAU	1170 ←	CFRB	Toronto, Ont. (4000)	960 XEX	Mexico City (500)	1210		WCSH	940		WRR	1280
WOAL		1190 ←	CHCA	Calgary, Alta. (500)	690 XEZ	Mexico City (500)	588	Md.	WBAL			WACO	
	WORC	1200 ←	CHCS	Hamiltoo, Oot. (10) Red Deer, Alta. (1000) Summerside, P. E. I. (100) Vancouver, B. C. (50) Halifax, N. S. (500) Queboc, Quo. (100) Rogina, Sask. (500)	880 XFI	Mexico City (500)  Mexico City (2000)  Mexico City (1000)  Mexico City (500)	818		WCAO	600		KPRC	920
WCAE-WREN	AND THE RESERVE	1220 ←	CHGS	Summerside, P. E. I. (100)	1120 XET	Monterrey (500)	1000	Mass.	WBZ	990		KTRH	
	WFBM-WNAC	1230 ←	CHLS	Hamilton, Ont. (50)	880 XFM	Monterrey (500) Reynosa (10000) Tampico (500) Tampico (500)	730		WEEI	590		KTSA	1290
	WXYZ-WACO	1240 ←	CHAS	Queboc, Quo. (100)	910 XES 880 XETF	Tampico (500) Vera Cruz (500) Monterrey (5000)			WNAC			WOAI	
	WDSU	1250 ←	CHWC	Rogina, Sask. (500)	960 XEH	Monterrey (5000)	1080		WORC			KDYL	
	KOIE-WLBW WTOC	1260 ←		Television S	tations Now	Broadcasting		DE: 1	WTAG	580		KSL	1130
MIDX	KOL	1270 ←	Call	Acierialoli ()		Power	Lines per	wiich.	WBCM			WTAR	
WEDG	WDOD-WRR KDYL-KTSA	1280 ←	Letters			(Watts)	Frame		WXYZ			WRVA	
WEBC	WJAS KEL	1290 ←	*waxi	S Jenkios Laboratories	Wheaton, Md	5 000	48		WJR	750		WDBJ	930 590
WSMB	WADC	1300 <b>←</b>	*W2XC	R Jenkins Television Cor BU Harold E. Smith, Read	paration, New Y	ork N. Y 5,000	48	D/T	WWJ			KHQ KOMO	-
WSAI	KSCJ-WTAQ	1330 ←	*W9X/	Western Television Cor	rp., Chicago, Ill	500	4.5	winn.	WCC0	810		KOL	1270
	WSPD-KFPY	1340 ←		21	00-9900 TEHAAVA	lag.	****	D/T:	KSTP	1460		KFPY	
KWK	V III I	1350 ←	*W3X/	AD RCA Victor Company, 6 BS National Brandensting Coneral Electric Co., 8 Westinghouse, E. Pitta Radio Pictures, Inc., L	Cumden, N. J		60	Miss.		1270 950		KVI	760
	WFBL	1360 ←	*W3X/ *W2XI W2XI *W8X/	W General Electric Co., 8	Schenectady,	N. Y 20,000	60	Mo.	KMBC WDAF		Wis.	WTAQ	
	KLRA-WHK	1390 ←	*W2XI	Radio Pictures, Inc., L	sonrgh, Pa ong Island City	N. Y. 20,000	48					WEBC	
	WBCM	1410 ←	*W9X/	AP Chicago Daily News, (	Chicago, 111	1.000	45 60		KMOX	550		WISN	
KECA	WCAH-WHP	1430 ←			50-2850 Kllocy		3.0		KSD	1350	1	WTMJ	
	WHEC-WOKO	1440 ←	W2X/				60	Nob	KWK KFAB		Can.	CFCF	1030
WGAR	1	1450 ←	WOX	AB Columbia Brondensting AA Chicago Federation of Purdue University, W BO United Research Corp.,	. Infayette, I	nd 1,500	48	Meb.	WOW	590		CKAC	730
KSTP		1460 ←	W2XI		, Long Island C 50-2950 Kilocy		****	Nov	KOH	1380		CKGW	
	WLAC	1470 ←	*W1X/	AV Shortwave and Televisi	ion Lab., Inc., F	Boston, Mass 500	48		WPG	1100	1	CFRB	960
WCKY	KFJF-WKBW	1480 ←	*W2X	R Radio Pictures, Inc., L	ong Co., Downer	N. Y 5,000	24 48	14.0.	WIG	1100		0 2 2023	
WCKY	<u> </u>	1490 🚓	J	*Stations op	erating on regu	lar schedules.							

## Stations Classified by Wave-lengths

§Stations Using Power of 1000 Watts or More

540 KC., 555.6 Meters CKX-Brandon, Man., Can.

550 KC., 545.1 Meters DOU INC., 646.1 Met. CMCJ.—Havana, Cuba. KFDY.—Brookings, S. D. KFUO.—Clayton, Mo. \$KFYR.—Bismarek, N. D. \$KOAC.—Corvallis, Ore. KSD.—St. Louis, Mo. \$WGR.—Buffalo, N. Y. \$WKRC.—Cinclinati, O.

560 KC., 535.4 Meters KFDM—Beaumont, Tex-§KI.Z.—Denver, Col. §KI.Z.—Doaldand. Calif. §WNOX.—Knovville, Tenn. WFI—Philadelphia, Pa. §WIBO—Chicago, Ill. WCC—Chicago, Ill. WCC—Chicago, Ill.

570 KC., 526.0 Meters 570 KC., 526.0 Meters KGKO—Wichite Falls, Tøx. KMITR—Hollywood, Calif. KXA—Seatite, Wash. WEAO—Columbus, O. WKBN—Youngstown, O. WMAC—Syracuse, N. Y. WICA—New York, N. Y. SYKAXX—Yankton, S. D. WXYC—Aws York, N. Y. SYRACO—Aws York, N. Y. SYRACO—Aws York, N. Y. SYRACO—Aws York, N. Y.

580 KC., 516.9 Meters 580 KC., 516.9 Meters
CFCL—Toronto, Ont., Can.
CKCL.—Toronto, Ont., Can.
CKCL.—Toronto, Ont., Can.
CKILA.—Edmonton, Alta., Can.
KGFX.—Plerre, S. D.
KSA.C.—Manhattan, Kan.
WOBU—Charleston, W. Va.
WSAZ—Huntington, W. Va.
WTAG—Worcester, Mass.

500 KC 508 2 Meters 590 KC., 508.2 Meters
CMW—Havana, Cuba.
SikHQ—Spokane, Wash.
WCAJ—Lincoln, Neb.
SWEEI—Booton, Mass.
SWEZO—Berrien Sp'gs. Mich.
SWOW—Omaha, Neb.
XEZ—Mexico City, Mex.

600 KC., 499.7 Meters 600 KC, 499.7 Meters
CJRM—Moose Jaw, Sask,
Can,
CJRW—Fleming, Sask, Can,
CNRO—Ottawa, Ont. Can.
KFSD—San Dieso. Callf.
WCAO—Ballmore, Md.
WCAO—Ballmore, Md.
WCAO—Ballmore, Md.
WCAO—Ballmore, Md.
WICC—Bridgeoort, Conn.
WMT—Waterloo, Ia.
WREC—Memphls, Tenn.

610 KC., 491.5 Meters SKFRC - San Francisco, Calif, SWDAF - Kansas City, Mo. WFAN - Philadelphia, Pa. WIP - Philadelphia, Pa. WJAY - Cleveland, O.

620 KC., 483.6 Meters SKGW—Portland, Ore. \$WFLA—Clearwater, Fla. \$WSUN—St. Petersburg, Fla. \$WTMI—Milwaukee, Wis. KTAR—Phomlx, Arlz. WLBZ—Bangor, Me.

630 KC., 475.9 Meters OSO AC., 47.5 Metetrs CHTT-Victoria, B. C., Can, CJCX-Yorkton, Sask., Can, CJCX-Yorkton, Sask., Can, CHRA-Maneton, N. H., Can, KFRU-Columbla, Mo. WOBF-Evansville, Ind. WOS-Jefferson City, Mo. WMAIL-Washington, D. C. XET-Monterey, Mex.

640 KC., 468.5 Meters CHRC—Quehec, Que., Can.
CMHJ—Clenfuegos, Cuba.
\$KFI—Los Angeles, Calif.
WAIU—Columbus, O.
\$WOI—Ames, Ia.
\$XFG—Mexico City, Mex.

650 KC., 461.3 Meters KPCB—Seattle, Wash. §WSM—Nashville, Tenn. XER—Mexico City, Mex.

660 KC., 454.3 Meters CHWK—Chilliwack, B. C. CMCO—Havana, Cuba. SWEAF—New York City. WAAW—Omaha, Neb.

670 KC., 447.5 Meters \$WMAQ-Chleago, Ill.

680 KC., 440.9 Meters SKFEQ.—8t. Joseph, Mo. SKFEQ.—8t. Joseph, Mo. SKFEQ.—8t. Joseph, Mo. SKFTF—Wora Cruz, Mex. SWMC—8t. Johns, N. F.,

690 KC., 434.5 Meters 690 KG., 433.5 Meters CFAC.—Culgary, Alta., Can. CFCN.—Culgary, Alta., Can. CHCA.—Culgary, Alta., Can. C4CJ. Calgary, Alta., Can. SCKGW.—Toronto, Can. CNRC.—Calgary, Alta., Can. SCPRY.—Toronto, Can. SCPRY.—Toronto, Can. SVA.—Glace Bay, N. S., Can. §NAA Arlington, Va.

700 KC., 428.3 Meters SWLW-Clucimati, O.

710 KC., 422.3 Meters SWOR-Newark, N. J. KMPC-Beverly Hills, Calif. 720 KC., 416.4 Meters SWGN-Chicago, III. SXEN-Mexico City, Mex.

730 KC., 410.7 Meters 730 KC., 410.7 Meters
CILS-Varcouver, B. C., Can,
SCHYC—Montreal, Que., Can,
SCHXC—Montreal, Que., Can,
SCHXC—Monouver, B. C., Can,
CKMO—Yacouver, B. C.,
GRMO—Montreal, Que., Can,
\$CMRM—Montreal, Que., Can,
\$CMKM—Havana, Cuga,
XEM—Tampico, Mex.

740 KC., 405.2 Meters \$KMMJ—Clay Center, Neb. \$WSB—Atlanta, Ga.

750 KC., 399.8 Meters \$WJR—Detroit, Mich. TIC—San Jose, C. R. \$XEQ—Juarez, Mex.

760 KC., 394.5 Meters §KVI—Tacoma, Wash. §WEW—St. Louis, Mo. §WJZ—Boundbrook, N. J.

770 KC., 389.4 Meters \$KFAB—Lincoln, Neb. \$WBBM—Chicago, Ill. \$WIRT—Chicago, Ill.

780 KC., 384.4 Meters

780 KC., 384.4 Meters SCKY—Winnipeg, Man., Can. SCNRW—Winnipeg, M a n., Can. SCNRW—Winnipeg, M a n., Can. KELW—Burbank, Callf. WMC—Memphits, Tenn. WTAR—Norfolk, Va. R. I.—Smalt Monlea, Callf. R. I.—Wish—Madison. WPOR—Norfolk, Va. SXEW—Mexico City, Mex.

790 KC., 379.5 Meters CMBS—Havana, Cuba.
CMHC—Tuinucu, Cuba.
§KGO—Oakland, Calif.
§WGY—Schenectady, N. Y.

800 KC., 374.8 Meters \$WBAP—Ft. Worth, Tex. \$WFAA—Dallas, Tex. XFC—Aguascalientes. Mex.

810 KC., 370.2 Meters §WCCO-Minneapolis, Minn. WPCH-New York City.

820 KC. 365.5 Meters SWHAS-Louisville, Ky. SXFI-Mexico City, Mex.

830 KC., 361.2 Meters CMGA—Colon, Cuba. \$KOA—Denver, Col. \$WRUF—Gainesville, Fla. \$WHDH—Gloucester, Mass.

840 KC., 356.9 Meters 

850 KC., 352.7 Meters KWKH-Shreveport, La. WWL-New Orleans, La.

860 KC. 3486 Meters CMJE—Camaguey, Cuba. KMO—Tacoma, Wash. \$WBOQ—New York City, \$WABC—New York City. WHB—Kansas City, Mo. XFX—Mexico City, Mex.

870 KC., 344.6 Meters CMIIII—Cifuentes, Cuba. \$WENR—Chicago, III. \$WLS—Chicago, III.

880 KC., 340.7 Meters 880 KC., 340.7 Meters
CHML—Hamilton, Ont., Can.
C1CB—Sydney, N. S., Can.
CKC!—Quebec, Que., Can.
CKC!—Guebec, Que., Can.
CKC!—Guebec, Que., Can.
CKC!—Guebec, Gen., Can.
KIX.—Oakland, Callf.
KIY.O—Denver, Col.
WCOC—Meridian, Miss.
WCOI—Seranton, Pa.,
WCOII—Seranton, Pa.,
WGUI—Seranton, Pa.,
WGUII—Seranton, Pa.,
WGUII—Seranton, Pa.,

890 KC., 336.9 Meters CFBO—8t. John, N. B., Can. CKCO—Ottawn, Onl., Can. CKPR—Port Arthur, Ont.,

CIX CD—Ukhawa CIX CD—Ukhawa CIX CD—Ukhawa KPNF—Shenandah, Ia KISD—Vermillion, S. D. WGST—Atlanta, Ga. WMA/X—Macon, Ga. WMA/X—Hainnon, W. Va. WHA/Z—Ukhawa, III. P. R. WJA/X—Providence, R. I. KGJF—Luttle Rock, Ark. XIS—Tampico, Mex.

900 KC., 333.1 Meters OMX—Havana, Cuba,
CMCF—Havana, Cuba,
CMCF—Havana, Cuba,
SMRUN—Burtalo, N. Y.
SWJAX—Jacksonville, Fla.
SWKX—Oddahoma City, Ok.
SWLRI—Stevens Paint, Wis.
KUBD—Ketchikan, Alaska,
KSEI—Peatelle, Fla.

910 KC., 329.6 Meters CFQC—Saskatoon, Sask., Can. CHNS. Hallfax, N. S., Can. SCJGC—London, Ont., Can. CNRH—Hallfax, N. S., Can. CNRL—London, Ont., Can. CNRL—London, Ont., Can. CNRS—Saskatoon, Sask., Can.

920 KC., 325.9 Meters 920 KC., 325.9 Meters CMID—Calbarien, Cubas SHHK—For, as Urince, H. KFXF—Draw Urince, H. KKOMO—Swattle, Wash, WAAF—Chicago, III. \$WWA—Detroit, Mich. WBSO—Neceham, Mass. \$KPBC—Houton, Tex. KFEL—Denver, Col. XFFE—Chinuahua, Mex.

930 KC., 322.4 Meters GJCA—Edmonton, Alla, Can, CFRC—Kingston, Ont., Can, KFWI—San Francisco, Calif. KGBZ—York, Neb. KiMA—Shenandosh, Ia. KROW—Oskiand, Calif. KROW—Oskiand, Calif. WBRC—Birmingham, Ala. WDBJ—Roanoke, Va. WBBG—Elkins Park, Fa.

940 KC., 319.0 Meters \$KOIN—Portland, Ore.
\$WCSH—Portland, Me.
\$WCSH—Portland, Me.
\$WDAY—Fargo, N. D.
\$WFIW—Hopkinsville, Ky.
WHA—Madison, Wis.
WAAT—Jersey City, N. J.
\$KGU—Honolulu, Hawati,
\$XEO—Mexico City, Mex.

950 KC., 315.6 Meters CMBC—Havana, Cuba.
CMBD—Havana, Cuba.
\$KFWB—Hollywood, Calif.
\$KGHL—Billings, Mont.
\$KMBC—Independence, Mo.
WRC—Washington, D. C.

960 KC., 312.3 Meters 960 KC., 312.3 Meters
CFCY—Charlottetown, P. E.
SCFIRE—Cronotto, Ont., Can.
CHCK—Charlottetown, P. E.
CHWC—Regina, Sask., Can.
CKCK—Regina, Sask., Can.
CKCK—Regina, Sask., Can.
CKCK—Regina, Sask., Can.
CKCK—Regina, Sask., Can.

970 KC., 309.1 Meters CMGF-Matanzas. Cuba. §KJR-Seattle, Wash. sWCFL-Chicago, Ill. §XED-Reynosa, Mex.

980 KC., 305.9 Meters §KDKA-E. Pittsburgh, Pa.

990 KC., 302.8 Meters §WBZ-Springfield, Mass.

1000 KC., 299.8 Meters 1000 KC., 299.8 Meters

\$WHO—Der Monnes, Ia.

\$WOC—Davennort, Ia.

\$FYD—Culver City, Calif.

XEA—Gaudialjara, Mex.

XEE—Linares, Mex.

XEE—Daxaca, Mex.

XEE—Linaredo, Mex.

XEE—Morella, Mex.

XEE—Morella, Mex.

XEE—Mexico City, Mex.

XEE—Mexico City, Mex.

XEU—Westerus, Mex.

XEU—Vesterus, Mex.

XEU—Vesterus, Mex.

1010 KC., 269.9 Meters 1010 AG., 269.9 Meters
CFIC—Prescott, Ont., Can.
CKCR—Waterloo, Ont., Can.
CKCR—Waterloo, Ont., Can.
CKCR—Waterloo, Cha.
CMRW—Havana, Cuba.
CMCX—Havana, Cuba.
KGGF—So. Coffeyrille, Okla.
KGW—San Jose, Callit.
WNAD—Norman, Okla.
WNAD—Norman, Okla.
WNAD—WATER CHINGE S. J.
WINY—WATER CHINGE S. J.

1020 KC 293.9 Weters §KFKX—Chicugo, III. §KYW—Chicago, III. WRAX—Phitadelphia, Pa.

1030 KC., 291.1 Meters \$CFCF—Montreal, Que., Can, CMCK—Suntlago de Cida, CNRV—Vaucouver, B. C., SXEB Mexico City, Mex.

1040 KC., 288.3 Meters \$KRLD—Dallas, Tex. \$KRID—Dallas, Tex. \$KRIIS—Hot Springs, Ark. \$WKAR—E. Lansing, Mich. \$WMAK—Buffale, N. Y.

1050 KC., 285.5 Meters \$KNX-Hollywood, Calif, \$KFKB-Milford, Kan.

1060 KC., 282.8 Meters KWJJ—Portland, Ore. KWJAL—Bultimore. Md. \$WJAG—Norfolk, Ncb. \$WTIC—Hartford, Conn.

1070 KC., 280,2 Meters CMBG—Havana, Cuba, CMBT—Havana, Cuba, CMCB—Havana, Cuba, KJBS—San Francisco, Calif. SWTAM—Cleveluid, O. WDZ—Tuscola, III. WCAZ—Carthage, III.

1080 KC., 277.6 Meters §WBT—Charlotte, N. C. §WCBD—Zion, Ill. §WMBI—Addison, Ill. §XEH—Monterrey, Mex.

1090 KC., 275.1 Meters CMAA—Guanajay, Cuba. CMGI—Matanzas, Cuba. 6KMOX—St. Louis, Mo.

1100 KC., 272.6 Meters CMND—Santiago de Cuba. §WLWL—New York City. §WPG—Atlantic City, N. J. KGDM—Stockton, Calif.

1110 KC. 270.1 Meters CMHI—Santa Clara, Cuba. §KSOO—Sloux Falls, S. D. §WRVA—Richmond, Va.

1120 KC., 267.7 Meters

120 KG., 267.7 Meters
CFIC-Kuniona, B. C., Can.
CHCS-Hamilton, Ort., Can.
CHGS-Hamilton, Ort., Can.
CHGS-Sunmerside, F. E. I.,
Can.
CHGC-Leibridge, Al La.,
CKOC-Hamilton, Ont., Can.
KFIO-Spokane, Wash.
KMCS-Inglewood, Callf.
KMCS

1130 KC., 265.3 Meters \$KSL—Salt Lake City, Utah. \$WJJD—Mooseheart, III. \$WOV—New York City.

1140 KC., 263.0 Meters CMGD-Matanzas, Cuba. \$KV00-Tulsa, Okla. \$WAPI-Birmingham, Ala. XETA-Mexico City, Mex.

1150 KC., 267.7 Meters CMCQ—Havana, Cuba, CMHA—Cienfuegos, Cuba, CMQ—Havana, Cuba, §WHAM—Rochester, N. Y.

1160 KC., 258.5 Meters \$WOWO-Ft. Wayne, Ind.

1170 KC., 256.3 Meters §WCAU-Philadelphia, Pa. §KTNT-Muscatine, Ia.

1180 KC., 254.1 Meters CMBG—Matanzas, Cuba.
CMRG—Santiago de Cuba.
§KEX—Portland, Ore.
§KOB—State College, N. M.
§WDGY—Minneapolis, Minn.
WGBS—New York City.

1190 KC., 252.0 Meters §WOAI-San Antonio, Tex. 1200 KC., 249.9 Meters

1200 KC., 249.9 Meters
CFCH—North Bay, Ont. Can.
CMINIB—Santiago de tuba.
KFTH—Marshallown f. et uba.
KGDE—Feyens Falls, Minn.
KGDE—Ton. Andrew. Cal.
KGRH—Luttle Rock. Aft.
KGH—Little Rock. Aft.
KWG—Sebellingham, Wash.
KWG—Sebellingham, Wash.
KWG—Sebellingham, Wash.
KWG—Sebellingham, Wash.
KWG—Sebellingham, Wash.
KWG—Rock.
KWG—Sebellingham, Wash.
KWG—Cantona O.
WHIBC—Cantona O.
WHIBC—Cantona

1210 KC., 247.8 Meters 1210 KG., 247.8 Meters
FYGO—Chathan, Ont. Can.
CFNB—Frederickton, N. B.,
Can.
CJOR—Sea Island, B. C.,
CKMC—Cobonit, Ont., Can.
CKNC—Obonit, Ont., Can.
CKNC—Search, Wyo.
KDLR—Davil's Luke, N. D.
KDLR—S. Remardino, Calif.
KGCR—Watertown, S. D.
KGMI—Eik City, Olda.
KGNO—Davides City, Kan.
KRV——Franco-Like, N. Kan.
KRV——Franco-Like, N. C.
KRV—Davides City, Kan.
KRV——Franco-Like, Calif. RWEA—Shreveport, La.
WALR—Zanesville, O.
WBLX—Willees-Barre, Pa.
WBLX—Willees-Barre, Pa.
WCBS—Springfield, Ill.
WCBN—Chicago, Ill.
WCBN—Chicago, Ill.
WCBN—Chicago, Ill.
WEDC—Chicago, Ill.
WEDG—Harriaburg, Ill.
WEDG—Harriaburg, Ill.
WEDG—Harriaburg, Ill.
WEDG—Harriaburg, Ill.
WEDG—Harriaburg, Ill.
WEDG—Aleriaburg, Ill.
WEDG—Aleriaburg, Ill.
WEDG—Aleriaburg, Ill.
WHBU—Anderson, Ind.
WHBU—Anderson, Ind.
WHBU—Anderson, Ind.
WHBU—Anderson, Ind.
WHBU—Aleriaburg, Pa.
WHBU—Aleriaburg, Pa.
WHBU—Aleriaburg, Pa.
WHBU—Harriaburg, Pa.
WHBU—Generalife, Ill.
WHBU—Generalife, Ill.
WHBU—Generalife, Ill.
WHBU—Generalife, Ill.
WHBU—Chereville, Ill.
WHBU—Chereville, Ill.
WHBU—Chereville, Ill.
WHBU—Chereville, Ill.
WSED—Golumbus, O.
WSEL—Mexico City, Mex.

1220 KC., 245.8 Meters CMCA—Havana, Cuba, CMCN—Havana, Cuba, KFKU—Lawence, Kan, SKWSC—Pullman, Wash, WCAD—Canton, N. Y. SWCAE—Pittsburgh, Pa, SWDAE—Tampa, Fla, SWREN—Lawrence, Kan.

1230 KC., 243.8 Meters 1230 AC., 245.6 Nevers KYGD—Anchorage, Alaska, §KYA—San Francisco, Calif. §WBIS—Boston, Mass. §WBM—Indianapolis, Ind. §WNAC—S. Boston, Mass. WPSC—State College, Pa. WSBT—South Bend, Ind. KGGM—Albuquerque, N. M.

1240 KC., 241.8 Meters §KTAT—Ft. Worth, Tex., §WXYZ—Detroit, Mich., §WACO—Waco, Tex.

1250 KC., 239.9 Meters 1250 KC., 239.9 Meters
CMAB—Pinar del Rio, Cuba.
CMIS—Santiago de Cuba.
CMGH—Matarasa, Cuba.
SIVPAIX—Northfield, Minn.
SIVPAIX—Northfield, Minn.
WCCP—Newarie, N. J.
SWDSU—New Orleans, Lat.
WEFA—Minneapolis, Minn.
SWODA—Paterson, N. J.
SYRIKIM—Minneapolis, Minn.

1260 KC., 238.0 Meters SKO1L—Council Bluffs, Ia. KRGV—Harlingen, Tex. KWWG—Brownsville, Tex. WLBW—Oil City, Pa. KVOA—Tucson, Ariz. WTOC—Savannah, Ga.

1270 KC., 236.1 Meters 1270 KC., 236.1 Meters KFUM—Col. Springs. Col. KGCA—Decorah. Ia. KWLC—Decorah. Ia. KWLC—Decorah. Ia. SWEAI—Hinca. N. Y. WOOD—Grand Rapids, Mich. SKOL—Seattle, Wash. WASH—Grand Rapids, Mich. SWIDX—Jackson, Miss. WFBR—Baltimore, Md.

1280 KC., 234.2 Meters 1280 KG., 234.2 Meters CMB1—Havana, Cuba, CMB3—Havana, Cuba, CMB4—Havana, Cuba, CMB4—Geode de Avla, Cuba, CMB—Geode de Avla, Cuba, CMB4—Geode de Avla, Cuba, CMB4—Geode de Avla, Cuba, CMB4—Canden, No. J. WD101—Chellatonoga, Tenn. WOAX—Tronton, N. J. WRR—Dallas, Per., St. WRR—Dallas, Per., St. WRB4—Madlson, Avis.

1290 KC 232.4 Meters 1290 KC., 232.4 Meters
SKDYL—Salt Lake City.
KFUL—Galvoston, Tex.
RLCN—Blytheville, Ark.
SKTSA—San Antonio. Tex.
SWEBC—Superior, Wis.
SWJAS—Pittishurgh, Pa.
WNBZ—Saranac Lake, N, Y.

1300 KC., 230.6 Meters 1300 KC., 230.6 Meters KIGEF—Las Angeles, Calif. SKEII—Wichita. Kan. KFIR.—Portland, Ore. WBBR—Rossville, N. Y. SKYEII—Los Angeles, Calif. KTBR—Portland, Ore. WKYD—Forest Hills. N. Y. KYMI—Los WKYD—Forest Hills. N. Y. SWIJAI—New York City. SWIJAI—SWIJAINI Rosch, Fla. SWOQ—kuusus City, Mo.

1310 KC., 228.9 Meters 1330 KG., 228.9 Meters CMGC—Materians, Ckin, KCRI.—Jerome, Artz. Calif., KFIN.—Sacramento. Calif. KFIN.—Sacramento. Calif. KFIV.—Dublin. Tex. Exp. Calif. KFIV.—Dublin. Tex. Exp. Calif. KFIV.—Exp. Dege. 1a. KFIV.—Exp. Dege. 1a. KFIV.—Exp. Col. KFIV.—Exp. Col. KFIV.—Exp. Col. KFIV.—Exp. Col. KFIV.—Gigwater. Col. KFIV.—Gigwater. Mo. KGIX.—St. Joseph. Mo. KGIX.—St. Joseph. Mo. KGIX.—Olf Point. Mont. KGEZ—Kalispell, Mont.
KGFW—Bavenna, Neb.
KGFW—Bavenna, Neb.
KGFW—Jakima, Wash.
KGFW—Jakima, Wash.
KGFW—Mavende, K.
KGFW—Mavende, K.
KGFW—Mavende, K.
KGFW—Mavende, K.
KGFW—Mavende, K.
KGFW—Mavende, Mash.
KGWC—Mavende, Wash.
WBO—Mavpuette, Mich.
WESI—Buffalo, N. Y.
WESI—Buffalo, N. Y.
WESI—Buffalo, N. Y.
WHAT—Philadelphia, Pa.
WHAT—Philadelphia, Pa.
WHAT—Philadelphia, Pa.
WHAT—Mavion, Ind.
WKSA—Laconia, N. H.
WKSA—Laconia, N. H.
WKSA—Mavion, Ind.
WKSA—Mavion, Ind.
WKSA—Birmingham, Ala.
WKSB—Glasburg, Ill.
WKSB—Windon-Salen, N.
WKSB—Windon-Salen, N.
WKSB—Windon-Salen, N.
Carlow Mayner, Mayner, Mayner, Mayner, N.
WKSB—Windon-Salen, N.
Carlow Mayner, N.
WKSB—Windon-Salen, N.
Carlow Mayner, N.
WKSB—Windon-Salen, N.
Carlow Mayner, N.
WKSB—Glasburg, Mayner, N.
WKSB—Windon-Salen, N.
Carlow Mayner, N.
WKSB—Glasburg, Mayner, N.
WKSB—G

1320 KC., 227.1 Meters CMIC—Camaguey, Cuba, KTFI—Twin Falls, Ida, 8WADC—Akron, O. WSSMB—New Orleans, La. KID—Idaho Falfs, Ida. KGMB—Honolulu, Hawail. KGHF—Pueblo, Col.

1330 KC., 225.4 Meters 1330 KC., 225.4 Meters
CMKH—Santiago de Cuba.
CMJA—Camaguey, Cuba.
KGB—San Diego, Calif.
\$KSCI—Sloux City, Ia.
WDRC—Hartford, Conn.
WSAI—Cincinnati, O.
\$WTAQ—Eau Claire, Wis.

1340 KC., 223.7 Meters CMBA—Havana, Cuba, CMBF—Havana, Cuba, CMCD—Havana, Cuba, CMCD—Havana, Cuba, CMCY—Havana, Cuba, KFPW—Fort Snith, AkfWFFY—Spokane, Wash, WCOA—Pensacola, Fla. WSPD—Toledo, O.

1350 KC., 221.1 Meters RWK-St. Louis, Mo. WAWZ-New York Clty. WCDA-New York Clty. WBXX-New York Clty. WMSG-New York Clty.

1360 KC., 220.4 Meters CMKF—Holguin, Cuba.
SKGER—Long Beach, Callf.
KGIR—Butte, Mont.
Skil'NN—Pasadena, Callf.
KKSN—Charleston, S. C.
WCES—Chicaga, III.
WCES—Chicaga, III.
WGES—Chicaga, III.
WGBC—Vicksburg, Miss.

1370 KC., 218.8 Meters

1370 KC., 218.8 Meters
CMGE—Cardenas, Cuba,
KCRC—Eaid, Okia,
KFBL—Everett, Wash,
KFBL—Everett, Wash,
KFBL—Everett, Wash,
KFJL—Storia, Own.
KFJZ—Storia, Own.
KFJZ—Fit, Worth, Tex.
KFJX—Gallerston, Tex.
KGAR—Tucon, 1 All.
KGKL—San Harris, D.
KGKG—Okislome, City, Okia,
KGFC—Okislome, City, Okia,
KGFL—Raton, N. M.
KGKL—Raton, N. M.
KGKL—San Angelo, Tex.
KONO—San Angelo, Tex.

1380 KC., 217.3 Meters
KOH—Reno, Nev.
KQV—Pittsburgh, Pa.
KSO—Clarinda, Ia.
SWiGH—I-la Crosse.
WSMK—Dayton, O.

1390 KC., 215.7 Meters \$KI.RA—Little Rock, Ark. \$KUOA—Payetteville, Ark. \$WHK—Cleveland, O. KOY—Phomlx, Ariz.

1400 KC., 214.2 Meters CMBI—Havana, Cuba, CMBK—Havana, Cuba, CMBN—Havana, Cuba, CMBQ—Havana, Cuba,

CMBX—Havana, Cuba,
CMBY—Havana, Cuba,
KLO—Ogden, Utah,
KOCW—Chickasha, Okla,
WCGU—Coney Island, N. Y.
WBAA—West Lafayetta, Ind.
WKBF—Indianapolis, Ind.
WKDF—Indianapolis, Ind.
WKDF—Indianapolis, Ind.
WKDF—Brooklyn, N. Y.
WLTH—Brooklyn, N. Y. 1410 KC., 212.6 Meters

1410 KG., 212.6 Meters FKGRS—Auartilo, Tex. KFLV—Rockford, III. WDAG—Amarilo, Tex. WHBL—Sheboygan, WIs, WBCAI—Haupton Township. WHIS—Bluefield, W. Ya. WLEX—Lexington, Mass. WODX—Springhill, Ala. WSFA—Monfegonery, Ala. WSFA—Monfegonery, Ala. WSFA—Monfegonery, Ala. WSFA—Monfegonery, Ala. WSFA—Monfegonery, Ala.

1420 KC., 211.1 Meters

14 20 KC., 211.1 Meters
KBFS-Portland, Ore
KF1Z-Fond du Lae, Wis,
KF2U-Holy City, Calif.
KF2U-Holy City, Calif.
KF3X-Seattle, Wash.
KF3X-Filestaff, Artz.
KF7X-Filestaff, Artz.
KF7X-Filestaff, Artz.
KF3X-Sand Foint, Ida.
KG1W-Trinland. Col.
KG1X-Iss Vegas, Nev.
KG1W-Trinland.

1430 KC., 209.7 Meters THE STATE Clara. Cubs. SNECA—Los Augeles. Calif. KGNF—No. Platte, Negarity WBAK—Harrisburg. Pa. WBAK—Harrisburg. Pa. WHE —Memphis. Ten. WHF—Hemphis. Ten. SNEP—Laredo. Mex.

1440 KC., 208.2 Meters KLS—Oakland, Callf,
WBIG—Greensboro, N. C.
WCBA—Allentown, Pa.
WHEC—Roclester, N. Y.
WMBD—Perria Heights, Ill.
WOKO—Albany, N. Y.
WTAD—Quincy, Ill.
WSAN—Allentown, Pa.

1450 KC., 206.8 Meters CMK. — Santlago de Culta. SKTBS.—Shreveport, La. WEBIS.—Ft. Lee. N. J. WGAR.—Cleveland, O. WHOM.—Jersey City, N. J. WKBO—Jersey City, N. J. WKBO—Jersey City, N. J. WSAR.—Fall River, Mass. WTFI—Toccoa. Ga.

1460 KC., 205.4 Meters §KSTP-St. Paul. Mlun. §WJSV-Alexandria, Va.

1470 KC., 204.0 Meters &WLAC—Nashville, Tenn. &WTNT—Nashville, Tenn. &KGA—Spokane, Wash.

1480 KC., 202.6 Meters \$KFJF-Oklahoma City, Okla. \$WicBW-Amherst, N. Y.

1490 KC., 201.6 Meters \$WCHI—Chleago, III, \$WCKY—Covington, Ky. \$WJAZ—Chleago, III.

1500 KC., 199.9 Meters

CMBL—Havana, Cuba.
CMBD—Havana, Cuba.
CMBD—Havana, Cuba.
CMCD—Havana, Cuba.
CMCD—Sanaba Barbara, Calif.
KGFK—Moothead, Minn.
KGFK—Greathead, Calif.
KIT—Lautha, Tex.
KKD—JC Futto, Calif.
KIT—Lautha, Tex.
KKD—JC Futto, Calif.
KIT—Lautha, Tex.
KKD—JC Futto, Calif.
KKD—JC Futto, Calif.
KKD—JC Futto, Calif.
KKBW—Connersville, Ind.
KKBW—Connersville, Ind.
KKBW—Connersville, Ind.
KKBW—Connersville, Ind.
KKBW—Ladington, Mich.
KKBW—Connersville, Ind.
KKBW—Ladington, Mich.
KKBW—Ladington, Mich.
KWBW—Alaphamton, N. Y.
KWBF—Halaphamton, N. Y.
KWBF—Halaphamton, N. Y.
KWBF—Rutland, Vt.
KWRL—Woodside, N. Y.
KWRL—Woo 1500 KC., 199.9 Meters



From early childhood, LILLIAN TAIZ has had a way of delighting her audiences—and she is not so thoroughly grown-up yet. Her rise to stardom on the musical comedy stage and before the microphone reads like those beloved fairy tales wherein the beautiful and talented heroine is providentally recognized by the powers that be—the powers in this story being: Dr. Lucy Langdon Wilson, Leopold Stokowski, George Gershwin, the Messrs. Aarons and Freedley and the Columbia Broadcasting System.

