Solution of "Step On Stairs" Mystery

Radio Digest

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No. 4

Hugh Fullerton's "Big Rabbit," a Romance; WLS Homemaker Gives Cheer to June Brides; Burying the Demon Static; "High-Brow" KMTR's Story; Photos of Famous "S-O-S" Casts

No. 6 OFFICIAL BALLOT

Announcers' Contest

RADIO DIGEST THIRD ANNUAL GOLD CUP AWARD

GOLD CUP AWARD Editor, Radio Digest,
510 North Dearborn Street, Chicago, Ill.

Please credit this ballot to:

.....of Station.....
(Announcer's Name) (Call Letters)

Signed.....

Address.....

City..... State.....

5-1-26

WJAZ IS ACQUITTED OF 'PIRACY' CHARGE

COURT FINDS THAT ZENITH ACTS WITHIN THE LAW

Case Shows Inadequacy of 1912 Regulations—Encourages Advocates of Communications Commission

CHICAGO.—The "pirates" of the air have been vindicated. WJAZ can choose any wave length it desires and broadcast at any time it wishes, according to the recent decision of Federal Judge James J. Wilkerson who holds that the Zenith broadcaster is not guilty of a criminal act, and that the actions of the station are within the limitations of the law as it now exists.

The United States government, and specifically the department of commerce, which sought to punish WJAZ and its owners for taking the wave length of 329.5 meters without permission from the commerce department, is the loser of the test suit. The government cannot appeal the decision of one of its own judges.

The 1912 Radio law, the only congressional act by which Radio stations can be regulated, will therefore allow all Radio manufacturers who maintain some experimental work, and all Radio communication companies (which would mean essentially the R.C.A.) to pick their waves and hours, and the department of commerce can do nothing.

Broadcasting Stability Not Threatened

But broadcasters other than those which fall within the classes outlined, must stay on their assigned waves and schedules of operation. KWKH, the Shreveport, La., station, which has been reported to have adopted tactics similar to WJAZ, will no doubt be liable to punishment and confiscation of equipment.

The 1912 Radio law is old and peculiar, however, and many loopholes are left by the fourteen years of Radio progress which have passed by congress without that body realizing it. Perhaps KWKH—and others who decide to try their luck—may succeed unharmed. The next few weeks will tell.

Secretary Hoover Hit by "Brick"

The decision will not, it is believed, cause many stations to shift their wave lengths to ones more favorable, but it most assuredly will point the immediate need of modern and equitable legislation to congress, in whose hands now three different Radio law amendment bills are pending.

Many well-informed leaders and observers of the situation feel that the decision can be interpreted as a "brick" cast at Secretary of Commerce Herbert Hoover's management of the broadcasting privilege. Advocates of an independent government commission of communications, with power to regulate Radio, and in which the department of commerce would be vested with no powers, herald the decision as encouraging.

It is hoped that the White bill, with a poorly defined commission, will be put on the table, and the Borah bill, a much more carefully drawn law providing an excellent commission form of Radio control, be passed as soon as possible.

The Borah bill has just recently been introduced in the senate.

COVER GIRL LIVES IN CITY OF ROSES

PORTLAND, Oregon, is famous as the "City of Roses." The parkways and lawns are radiant with America's most glorious flower. And perhaps that is why Miss Gladys Johnson, the young lady on the Radio Digest cover, finds it so congenial to make her home there.

She is a staff artist at KGW, the Oregonian broadcasting station, and may be heard daily over the air as soloist and in the ensembles. Besides being an accomplished musician, Miss Johnson has starred in several motion picture plays and is quite well-known in vaudeville and symphony concerts.

SENATOR BORAH GIVES RADIO BILL TO SENATE

Total Now Three for Legislators to Consider

WASHINGTON, D. C.—Senator Borah, of Idaho, has introduced an entirely new Radio bill in the upper house, which provides for the appointment of a national Radio commission which would take the entire administration out of the hands of the department of commerce.

He goes into the minutest detail as to what the commission is to do, and provides for the appointment of three members by the president of the United States at a salary of $10,000 a year. The bill has been referred to the senate committee on interstate commerce, where the Dill and White Radio bills are now pending. The introduction of this bill is rather an indication that no action will be taken at the present session of congress on Radio administration.

Farthest North Broadcaster Is Found at Bethel, Alaska

SEATTLE, Wash.—The farthest north broadcasting station is being operated at Bethel on the Kuskokwim river, Alaska. Paul Estle, the owner, gives news bulletins on the air twice a week. A low power is used, but this will be increased soon according to plans.

CONTENTS

Radio Digest, Illustrated, Volume XVII, Number 4, published Chicago, Illinois, May 1, 1926. Published semi-monthly by Radio Digest Publishing Co. (Incorporated), 510 N. Dearborn Street, Chicago, Illinois. Subscription rates yearly, Three Dollars; Foreign Postage One Dollar additional; single copies Fifteen Cents. Entered as second class matter at the post office at Chicago, Illinois, under the Act of March 3, 1879. Title Reg. U. S. Patent Office and Dominion of Canada. Copyright 1926 by Radio Digest Publishing Co. All rights reserved.

All the Live News of Radio.....1 to 10
Ellen Rose Dickey, of WLS, Spreads Cheer for June Brides..... 6
KMTR is "High-brow" and Proud of It..... 7
"Big Rabbit" Love Leads a Romantic Trail Through Florida Jungles, Second Installment, by Hugh Fullerton..... 8
Solution of "A Step On the Stairs," Radio Digest Prize Mystery Story, by Robert J. Casey..... 11
An Evening at Home with the Listener In: A Chart in Central Time, showing when to listen in for stations..... 12
Let's Bury the Demon Static, Dr. Guyer's Discovery, by Milo Gurney..... 13
Editorials, Indi-Gest and Condensed by Dielectric..... 14
Women's Page: Index to Women's Programs..... 15
Advance Programs.....16 to 27
The Super-Torodyne, An Improved 8-Tube Super, Part IV—Completed Wiring and Operation, by Prof. J. E. Owen..... 29
Directory of Radiophone Broadcasting Stations, Part I, (Revised)..... 31

Looking Ahead

"Mrs. Polybank's Medal," Is an Epic of a Mother's Heroism in the far North. A splash, the baby's face disappeared beneath the waves of the freezing water. But Mrs. Polybank was calm. While the others were stunned with horror, she stepped over the rail, fully dressed——. It's in that big Mid-May Radio Digest, out Friday May 14, and it's a true story with a Radio ending.

Smitty's Ether Busters, Mickey Russell and the Ironing Club stand out as unique features in Port Huron's popular station, WAFD. Port Huron is right on the knuckle of the thumb of the big mitten peninsula. These broadcasters have their own ideas of entertaining Radio listeners. See the next Radio Digest.

It Started With a Special Program by the American Legion in Oklahoma City over KFJF. Ex-service men for hundreds of miles around, their friends and relatives sent in an avalanche of applause letters. And out of that grew the American Legion Radio Post No. 300. See story and pictures in Radio Digest, out May 14.

Hugh Fullerton Never Did a Better Thing Than "Big Rabbit," for which Radio Digest has the exclusive serial rights. With this issue you behold the unhappy Roberta whisked away from her Atlanta home. Wen and Dick are in hot pursuit, but will they find her? The next installment will enthrall you.

Spring Cleaning, How to Get the Most Out of Your Receiver, is the subject of a new series which starts with antennas and how to install them. This series is written exclusively for the man "who doesn't know it all."

Underground and Horizontal Antennae Series has the experimenters on their toes. Send in your name, if you want to help. A new bag of tricks will be given in the second article.

Newsstands Don't Always Have One Left

WHEN YOU WANT

Radio Digest

YOU WANT IT!

BE SURE OF YOUR REGULAR COPY BY SUBSCRIBING NOW

SEND IN THE BLANK TODAY

Publisher Radio Digest,
510 N. Dearborn St.,
Chicago, Illinois.

Please find enclosed check M. O. for Three Dollars (Four, Foreign) for One Year's Subscription to Radio Digest, Illustrated.

Name .....

Address .....

City ..... State.....

GOLD CUP STANDING DIVULGES LEADERS

GIVES NAMES OF SIXTEEN ANNOUNCERS NEAR TOP

Interest High in 1926 Radio Digest Gold Cup Award—Twenty-Three New Candidates

They're off! The barrier is up and the 140 entrees have swung into the race that holds as stakes the third annual Gold Cup Award and the title of the World's Most Popular Announcer. The race got off to a good start with the entrees well bunched and their riders evidently jockeying for positions that will bring them safely around the first turn and well out in front.

Anyway, this is what is causing all the excitement. Here is the first hint at the relative standings of the announcers entered in the Radio Digest contest to decide by a direct fan vote who is the most popular Radio announcer. From inquiries received, the supporters of their favorite announcers are anxious to know how their candidates are getting along in the contest.

Although the deluge of votes has kept the Gold Cup Award Editor from twiddling his thumbs during the past several weeks, the number of votes received is small in comparison to the ballot that will be cast. So the standing given this issue cannot be indicative of the finish. Most of the fans are saving their ballots for the bonus votes granted when a group is turned in at one time.

Sixteen Leaders

This issue the sixteen announcers who have the largest number of votes have been arranged in four groups to prevent any one from being influenced to vote for the leader. Here they are:

First group: Pat Barnes, WHT; Norman Brokenshire, WJZ; Earl E. May, KMA; Hired Hand, WBAP.

Second group: Robert W. Griffin, WHO; Henry Field, KFNF; G. C. Arnoux, KTHS; Clyde Randall, WSMB.

Third group: Phillips Carlin, WEAF; Milton Cross, WJZ; Jerry Sullivan, WQJ; E. L. Tyson, WWJ.

Fourth group: Lambdin Kay, WSB; Louis John Johnen, WLW: Leslie Joy, WEAF; Edward B. Husing, WRC.

But then you never can tell. Who knows? Next issue there may be some new names in the list of the first sixteen and, incidentally, some of this issue's leaders deposed. A great many things can happen when people start to vote. And just now they are voting quite recklessly for their favorite announcers.

New Names Swell List

Last issue there were 117 announcers entered in the contest for the Gold Cup, but still they come. Since that time, twenty-three more announcers have each impressed listeners as being the greatest announcer in the world. Of course, they can't all be the greatest announcer. But there is going to be one announcer gain that title at the end of the contest. He may be one of the 117 previously nominated, one of this issue's list, or he may not yet be nominated. If your favorite announcer has been nominated, get behind him and help bring him one of the highest honors in Radio. If he has not yet been named, name him and boost for him. The twenty-three new candidates, whose nominations were received since last issue are as follows:

Atkinson, Wm. L., WCAO
Church, A. B., KLDS
Connelly, "Dud", WBRC
Darling, C. Walter, CFCF
Dirlam, Curtis, KFYR
Eades, Arthur F., WEEI
Gaylord, Chester, WTAG
Greene, Paul, WSAI
Hall, Robert, WEAF
Haupt, James, WEAF
Heiny, Capt. Jack, WOS
Henlein, John, KFYR
Hohenstein, Rev. H., KFUO
Hughes, Jim, KDKA
Morrison, Claire, KPO
Nealson, T. V., WQAN
"Night Watchman", The WAMD
Pierce, Jennings, KGO
Ross, Geo. F., WRC
Snouffer, Roy, WAIU
Thorwald, John, WFBR
Wilkins, Bob, WTIC
Willington, Arthur, KYW

How to Win Cup for Your Choice

Don't miss a single ballot, for when these are turned in to Radio Digest in a group of consecutive numbers, extra bonus votes are allowed the candidate voted for.

The ballots, top of this page, numbered consecutively, will appear in each issue of the Radio Digest until the close of the contest.

Each of these ballots will count for one vote when sent in separately. You can hold these ballots until you have four that are consecutively numbered and when they are sent in, a bonus of eight votes will be granted.

The larger the number of consecutive ballots submitted, the greater is the bonus allowed. Eight consecutive ballots receive a bonus of twenty votes. Twelve consecutive ballots receive a bonus of thirty votes, or a total of forty-two votes. And for a complete series of ballots, including one from each issue from March 27 to September 1, a bonus of fifty votes will be allowed.

TO GREET ROTARIANS OF WORLD

2XBR, PORTABLE, TO TOUR AROUND GLOBE

PRIZE FOR AMATEUR WHO HAS BEST LOG OF TRIP

Motor Transmitter, "Betty Warner," Will Start May 4 from Hollywood on Trip Over World

LOS ANGELES.—When the "Betty Warner," 250-watt mobile broadcasting station of Warner Brothers motion picture studios, sticks its nose out onto the broad level highway that leads from Hollywood to San Francisco on May 4, there will have begun the first lap of a very remarkable trip the itinerary of which will not only include the United States but foreign countries as well. 6XBR is the official call of this short wave portable station, but it will be known as the Betty Warner, so christened because the birthday of the daughter of Harry Warner, president of the motion picture producing firm of Warner Brothers, comes on the day when the start of the trip will be made.

The trip of the Betty Warner in the United States is with the full sanction and cooperation of the department of commerce. The present itinerary includes the following cities: Santa Barbara, San Francisco, Oakland, Portland, Seattle, Spokane, Walla Walla, Boise, Salt Lake, Denver, Hastings, Lincoln, Omaha, Kansas City, Decatur, Chicago, Indianapolis, Columbus (Ohio), Cleveland, Youngstown, Pittsburgh, Washington, Philadelphia and New York.

Thence to Europe and Orient

At the conclusion of the American tour the station will be shipped overseas, and if suitable arrangements can be made with the Radio governing bodies of England, Germany, France, Spain and Italy, 6XBR will make tests in those countries, thence to the Orient, Australia, the Philipines, Hawaiian Islands and back home to Hollywood.

6XBR, probably one of the best equipped portable short wave stations in the world, will carry three men on this tour. The station itself is mounted on a motor coach chassis, is of 250-watt power and can be set up to broadcast on its assigned wave length of 108 meters in exactly 20 minutes. A description of the set appeared in Radio Digest a short time back.

Amateurs to Aid Tour

The movement of 6XBR, through the cooperation of the American Radio Relay League, will be governed entirely by Frank Murphey, chief electrical engineer of Warner Brothers, who will remain at Hollywood. Each night from 11 to 11:30 p. m. Pacific time, a report will be forwarded to Mr. Murphey by the operators on the coach using a 40-meter wave length. Instructions will in turn be given by Murphey on the same wave length, which, of course, will be in the regular Continental code. The latter will be transmitted between 11:30 p. m. and 12 midnight Pacific time, each night

To stimulate interest in the tour of 6XBR, Warner Brothers have announced a contest in connection with the trip and an award of $1,000, open to all amateurs, will be presented to the operator who furnishes the most complete and accurate log of conversations between 6XBR and Mr. Murphey at KFWB during the international jaunt.

Couzens Advocates One Communications Body

Michigan Senator Criticizes White Bill Commission

WASHINGTON, D. C.—The creation of a commission on communications, which would take over the regulation of Radio, telephones and telegraph, is sought in a bill which will be introduced in the near future by Senator James Couzens, of Michigan.

Senator Couzens does not believe that the secretary of commerce or any other one man should have control of the regulation of broadcasting. He thinks that ultimately a communications commission will be necessary, and he is in favor of its immediate creation.

"I am not in favor of the commission proposed in the White bill," said the Michigan senator. "I think it is a makeshift proposition. Nor do I favor placing Radio with the interstate commerce commission. That body already has its hands full with the railroads.

HOT DOG! THAT'S A MEAN NUMBER

With one fuzzy ear cocked for jazz, Rekcod wags an enthusiastic applause if the syncopation suits her canine fancy. WMS claims this winner of a blue ribbon at the last Chicago dog show as its youngest fan. Next to listening to broadcast jazz music, Rekcod, who is nine months old, enjoys telephoning and can recognize the voice of her playmate, little June Docker of Oak Park, Ill. Radio seems to fascinate the wire-haired fox terrier.

Six Lines Carry Telephone Requests to Station KFOA

SEATTLE, Wash.—A probable solution to the handling of numbers of request and thank you calls is announced by Station KFOA here. A special six-line telephone switchboard has been installed in the station. With this new equipment the station will be fitted to handle city requests with speed and dispatch at the rate of about 400 per hour.

Legion Broadcasts War Songs

SHREVEPORT, La.—Military music popular during the world war, played by the Shrine band of El Karubah Temple, El Karubah fife and drum corps, quartet and other music, will feature the Louisiana Department Legion program to be broadcast from Station KWKH, here, May 6, 8:00 to 10:00 p. m. Central time. A feature of the program will be the rendition of any of the old war tunes requested by veterans.

Five Musicians to Four Homes

CINCINNATI.—Mentor, Kentucky, a town with a population of only 100 people and twenty residences, challenges any other town to produce more musicians, in proportion to population. This challenge was broadcast after a band of twenty-five children came down the Ohio river in a boat and put on a program from WKRC, here, that brought hundreds of letters and telegrams. The average is five children who are musicians to every four residences.

Sure! And It's Good

RADIO DIGEST breaks all records in the big Mid-May special, out Friday, May 14, which has been under preparation for several weeks. Station features, fiction, authentic inside Radio news, technical features and pictures galore.

You'll get a thrill out of "Mrs. Pollyblank's Medal," true story of the far north, a mother's heroism in rescuing her drowning babe from icy waters and how she was rewarded. Little "Mike Alpin" will broadcast a thing or two you never heard before. Ever hear of the Wolverine "Ether Busters"? Wild horse and broncs "ain't in it."

The technical editor takes off his coat, rolls up his sleeves and tells the tinkering set owner how to spring houseclean.

The $500 in awards to the lucky sleuths who doped out the last chapter to "A Step On the Stairs," will be announced.

And don't fail to read the next installment of Hugh Fullerton's romance, "Big Rabbit." You'll cross your fingers every time you see cotton tail.

Remember, the big Mid-May special—ON ALL NEWS STANDS MAY 14.

KTAB AND KOA BOTH TO BLANKET SPHERE

STATIONS BLAZE WAY FOR ROTARY CONVENTION

150,000 Members Will Tune In—International Body Meets in June at Denver

Rotarians far and near, representing more than thirty-five countries, are destined to be serenaded by two broadcasting stations in globe-encircling trials May 21 and 26. The Radio greetings which will permeate the air are in preparation for the international convention of the Rotary organization which will be held early in June at Denver, Colo.

The May 21 program, to be radiated on 240 meters by KTAB, the Post Enquirer station at Oakland, Calif., will begin at 4 a. m. Pacific time. This is equivalent to 10 p. m. May 21 in Australia and New Zealand, and 7 a. m. May 20 in the Eastern time band of the United States. The KTAB program will be more in the nature of civic boosting and will call the attention of members of Rotary, Kiwanis and Lions clubs to the new $10,000,000 harbor project at Oakland.

150,000 Members Will Listen

At Denver, however, KOA will devote the whole night of Wednesday, May 26, to a world girdling attempt in honor of the Rotary international convention to be held in the city in June.

Instructions to stand by already have been sent to 2,500 club organizations comprising 150,000 members living worldwide from Europe and South Africa to South America, Australia and the Orient.

Serving as a backbone to this spectacular dusk-to-daybreak entertainment will be music, including patriotic airs of all nations, to be furnished by the best artists available.

A big feature, it was expected, will be messages of greeting to broadcast listeners from ambassadors and high statesmen representing the principal countries to which the mile-high Rocky mountain station will transmit.

Greetings in Native Tongues

As a means of stimulating additional interest among ethereal enthusiasts, these microphone greetings will be given in the native tongue of the country represented.

Special broadcasts have been planned also for Rotarians at sea, who will be en route to America from all parts of the globe to attend the international convention of the organization, to be held in Denver early in June.

KOA's world blanketing attempt will be launched promptly at 8 p. m. Mountain Standard time, Wednesday evening, May 26, and will be continued without a break until 5 o'clock the next morning.

Records show that KOA without previously undertaking an all-night, long-distance broadcasting attempt, has already spanned both the Pacific and Atlantic oceans, having been heard in the state of Canterbury in New Zealand on the west and Birmingham, almost in the geographical center of England, on the east.

BROADCAST CALL FOR MINISTER OVER WBZ

He Hears and Then Telegraphs His Acceptance

SPRINGFIELD, Mass.—What is believed to have been the first call ever extended by a church to a prospective pastor through the medium of Radio, was made recently over the WBZ microphone when the Chase Memorial Baptist church of Springfield, Mass., broadcast a call to the Rev. E. L. Washburn of Penacook, New Hampshire.

The official board of the church met early in the evening and unanimously voted to call Mr. Washburn and at the same time they expressed the feeling that the call should be made immediately. The aid of Station WBZ, Westinghouse, New England station, was sought and as a result, within less than an hour after the board had passed their vote, the call was broadcast.

Mr. Washburn heard the call and telegraphed his acceptance the same evening.

KTNT Puts up New Towers

MUSCATINE, Iowa.—Two galvanized steel towers are being erected at Calliaphone studio KTNT, here. The towers will be erected with a number of colored flood lights about them to flood them at night.

Their Voices Thrill Millions

These are some of the faces of the players who have thrilled millions in the United States, Mexico, Canada and even more distant points in their presentation of the Radio Digest mystery play, "A Step On the Stairs." Jean Sargent (left) as "Mary Williams," WNAC, Boston, and Bernice Berwin (right), KGO, Oakland, Calif. Top, center, is Wm. M. Sweets, WRC, Washington, D. C.

It was a new thing for the General Electric station, WRC, Washington, D. C., to broadcast Radio drama and a special cast of very exceptional talent was recruited. Applause letters by the thousands confirmed their success. Nola Sanborn (left), violinist, and Gertrude Smallwood, pianist. Madge Tucker (above), director. At the right, a tense moment, when the SOS signals are being heard from Pelican Bay. Seated at table are Jean Farnam Petersen, Maurice Joyce and Madge Tucker. Standing, left to right: Walter L. Teach, Wm. M. Sweets, Edward B. Husing, Martin Scranage and John Davenport Long.

On the other hand, the General Electric station, WGY, at Schenectady, N. Y., has been broadcasting Radio drama almost from the time of its first season on the air and in the lower panel are some of the well-known WGY players. Left to right: Dorothy Vrooman (Aunt Helen), Marietta E. LeTarte (Mary Williams), Ten Eyck Clay, director (Frederick Ardwyn), Witter Cook (Graves), Frank Oliver (Tolliver), and George Markham (Cousin William). Mr. Clay (center) and Miss LaTarte (right). WGY is heard overseas.

A Dead Man's Guests in Play

In the Chicago metropolitan area of approximately 5,000,000 "A Step On the Stairs" was presented by the WMAQ Players of the Chicago Daily News. William Ziegler Nourse, playing "Tolliver," had stepped out of the picture as the above scene was flashed. The others are (from left side of table) Robert Graceland (Henry Graves), David A. Watts (John Carton), Viola Roth (Aunt Helen), Ben Adams (Hari Singh), Florence Bayer (Hazel Stanton), Gloria Chandler (Mary Williams), and Wm. C. Boyden, Jr., (Ardwyn). Mr. Boyden portrait at left and Mr. Nourse at right.

William Ziegler Nourse (above) introduced Radio drama to WMAQ, Chicago, nearly two years ago and has gained a large audience for the WMAQ Players. Mace Blynn (below) is one of the stars of the WOR Players for the great New York City area.

The WOC Players, Davenport, Iowa, were directed by Chas. H. Walsh (above) who took the part of "Lawyer Ardwyn."

Few stations have been favored with a real Hindu to play the part of Hari Singh. At WHO, Des Moines, this character was played by Surendra Mitra of Calcutta, graduate of Iowa State university and well-trained dramatic artist. Other members of the cast in the picture are Katherine Atkins (Mary Williams), Myron Thompson (Tolliver), Wallace Van Oosten (Jones), Arliss J. McKim (Graves), and Margaret Orebaugh (Aunt Helen). Bobby Griffin, assistant announcer at WHO, directs the players.

Lower panel shows WOR Players, Newark. (Detailed story here next week). Portrait: left, Evelyn Lewis (Mary Williams); right, Gertrude Kearney (Aunt Helen). Scene: Miss Kearney, Miss Lewis, Vinton Haworth, Mace Blynn, L. Gordon and Brace Conning, director.

Here's Cheer for June Brides

DON'T Worry About Burning the Biscuits, Ellen Rose Dickey Will Tell Newlyweds All About Making Pies, Cakes, 'Neverything Over WLS, Chicago

"Now stir in three eggs," says Ellen Rose (above), talking into the microphone as she advises and works with brides in her kitchen studio.

By HAROLD P. BROWN

MAY—the first month of the bridal season!

These are the busy and the exciting days for the anxious brides-to-be. There are trousseaus to be made and new home furnishings to be considered. In the offices of the big cities, in the homes—city and country—Betty is getting ready for the big event of her life. Mother is worried and dad is melancholy—daughter, the sunshine of the house, is going away to a new nest.

After the great day, the farewells, the bridal trip and then the advent into the new home—and home duties!

Ah! There's the rub—

What will Betty do then, poor thing, if she hasn't had much experience at baking biscuits, bread, cakes, pies, cooking meats and vegetables?

Well, it won't be as hard as it was when mother was a bride.

Betty will have the advice of some of the most expert home makers in the country right in her parlor every day—blind and deaf, perhaps, but not dumb! No prying eyes, no embarassing questions, just straight talk on what to make and how to make it—right from the Radio receiving set.

PROBABLY one of the best known women to advise housewives over the air is Ellen Rose Dickey of the Sears-Roebuck station, WLS, Chicago. "Ellen Rose," is the name by which she is best known to her listeners. She is a real housewife and a mother, not a mere theorist. She makes and bakes what she preaches and has the resources to make sure she is right before going ahead and broadcasting.

Her "Homemaker's Hour" begins at 9:15 in the morning. Her studio is a well ordered kitchen in the Sears-Roebuck plant where the flour, eggs, milk, seasoning and other ingredients are often stirred, rolled and patted as she turns to the microphone and chats neighborly about it to Mrs. Annabelle Peters of Jasperville, Maine; Mrs. Marion Carter of Boxwood, Virginia; Mrs. Mabel Field of Hastings, Michigan; Mrs. Irving Hill of Tacoma, Washington; Mrs. Catherine Dwyer of Sunmount, New Mexico and a million or so others who tune in for the "Homemakers Hour" at their homes in the areas between those points.

"People sometimes ask me," said Mrs. Dickey to her interviewer, "how a busy housewife can take time out of her early work to listen to a Radio talk at 9:15 in the morning. But it is very apparent that she does. Many not only listen but they make notes and take down the details—especially young brides just learning how to cook and the more experienced housewives who want to find new ways of doing things that they have been doing for years. The thousands of letters prove that they do.

"ONE morning I asked the members of our circle if someone would send me a good recipe for hassenfeffer or any other way for cooking rabbit.

"The deluge of recipes for cooking rabbit almost swamped me. It was simply astounding. I picked out the best of them and made up a special bulletin for cooking rabbit. But the prize contribution came one day in a big bulky package—a poor little bunny all skinned and dressed and ready to be made into hassenfeffer."

During the sausage season she presented her circle of listeners with her favorite sausage recipe. A very, very good recipe, she thought. But regardless of her own opinion there were a thousand or more other women who possessed equally prized recipes and one and all sent them to her, some with samples to match.

So, never you mind, Betty dear, when it comes around time to be thinking of that first dinner—what to do and how to do it. Just dial in 344.6 meters at 9:15 in the morning and Ellen Rose will help you. And if there is anything special you want to know that she doesn't happen to mention, drop her a line in care of Radio Station WLS, Chicago, and she'll either answer you over the air or by mail. It won't be as hard with the Radio as it was when your mother was a girl.

For fifteen years Mrs. Dickey was a "home woman," keeping the hearth for her husband and son, and when circumstances forced her into the business world she capitalized on her knowledge of kitchens and children.

When she talks to the farmer's wives she knows her listeners and their problems from her own personal experiences. Her childhood was spent near Saginaw, Michigan, where her father owned and operated fourteen farms. It was her chief delight to join her father on his trips to these farms where she visited in the homes and was invariably treated to the goodies that the motherly housewives had on their pantry shelves. Many of these families are today her most ardent listeners and she receives frequent invitations to "come for a visit and stay as long as you can."

Lovely pies and exquisite dainties are received by Ellen Rose (left) from the listeners in her Homemaker's Circle. Mrs. Henry Endecavagch (below) of Lemont, Ill., is typical of thousands who are members of this circle conducted by Mrs. Dickey.

"High-brow," and Proud of It

K. M. TURNER, Discoverer of Hollow Carbon Granule for Hearing Devices for Deaf, Applies Invention to Modern Microphone with Surprising Results. Builds Radio Station KMTR and Presents Select Classical Programs.

By G. L. KING

THE afternoon heat of an August day, combining with the steam of the Seine, had wrapped a stifling blanket around the little town of Vincennes, France, driving the shopkeeper back into the cool recesses of his store and the housewife out into the cobbled courtyard where the house cast a shadow that at least gave the impression of coolness.

Apart from the town and near the bank of the stream itself stood an unpainted frame shack, an oddity in a town of stone buildings, in which a middle-aged man, collar off and in shirt sleeves, toiled on slowly in spite of the heat and humidity, too deeply enthralled by the fascination of his work to heed the glaring sun outside and the almost unbearable temperature inside the small room. In one corner stood a small electric furnace and the various workshop appartus of the scientist were scattered about on benches in apparent disorderly array.

The middle-aged man moved even more slowly at his work. Finally, with a glance at the clock, he stepped over and turned off the electric furnace, the absence of whose hiss and sputter seeming only to accentuate the heat of the day. Then an impatient wait until the furnace could be opened and the tiny brick of material taken out. The crust was carefully broken in the center of which was a tablespoon of black pellets, not synthetic diamonds which are usually associated with electric furnaces, each about the size of an ordinary pinhead. These he placed very carefully on a piece of white paper, selecting a half dozen or so to put on a slide under a powerful microscope. The examination under the microscope took only a minute.

THEN the man sat down heavily in the only chair in the place, tilting it back to get an approach to the comfortable angle of the American rocking chair, and rested as only body and mind can rest after a big task is finished. All the afternoon he sat there as the sun slowly crept down to the horizon and the first cool breath of evening came, impervious to the changing temperature, his surroundings, hunger or time, dreaming on and crushing those tiny pills of carbon that had just come from the furnace between thumb and forefinger.

The rather heavy set man was K. M. Turner and on that hot August day in France Radio broadcasting, as we have it today, was made possible. The little black pellets that the furnace had turned out were hollow carbon granules, without which nearly every broadcast station today would be useless, for the carbon pellets are the very heart of the carbon-type microphone so universally used.

But K. M. Turner's thoughts that day did not include the wonder of Radio broadcasting. His interest at that time was in discovering some means to aid the deaf, and the hollow carbon granules meant that the last of his work was done. Upon his return to America the General Acousticon company was formed to manufacture and sell those instruments that have meant so much to the deaf and near deaf, the acousticon. When next you see one of those triangular shaped, flat backed cases upon a person's coat, think of it as a miniature Radio station and the real father of Radio as it is today.

Not only did the discovery of the hollow carbon granule mean a Godsend to the deaf, but the development of the dictograph followed, which has since so spectacularly played its part in crime detection and prevention. Nor did it stop there for the development has gone on and on through a variety of devices, each one of which has meant an additional service to humanity in some form or other. (*Continued on page 13*)

At the top is K. M. Turner, whose careful research made possible the finest sensibility of modern microphone, also head of Turner Radio Corporation. It was Mr. Turner's idea to make KMTR distinctive as "high brow."

"Dad" Carlton King, (left), former motion picture actor and producer, mans the mike at KMTR and supervises the station in general. Below is Loren Powell (left) and his famous KMTR orchestra composed of picked men from Los Angeles Philharmonic orchestra. They are on the air nightly.

But KMTR is not too etherial to afford an hour for the children as may be seen in the above picture. This particular feature is conducted by Miss Georgia Simmons who formerly conducted the Wren's Nest at Atlanta. Above, at the left, is Miss Simmons in negro mammy make-up telling Uncle Remus stories. The other picture shows her as she is. The children in the studio with Miss Simmons help her to present the Children's Hour in a natural and realistic manner.

BIG RABBIT

by Hugh Fullerton

A MONTH had passed without pay checks when the financier supposed to be backing the new Atlanta daily called all bets off and said he was through. Wen Lindsay and Dick Borton, imported for heavy reportorial duties and to give the sheet New York style, found themselves broke and jobless.

"But why worry? Never trouble trouble till trouble troubles you," counseled the alert and optimistic Borton with one of his characteristic grins. "Something always turns up for the wide-awake newspaper man."

No sooner spoken than done. The secretary of one of the leading bankers knocked at the door and announced that his employer would like an interview with Lindsay. The interview ended with $1,000 advance expense money, jobs for both Lindsay and Borton and an assignment to locate Colonel Gaskill, a leading citizen, supposed to be laid up with gout. Lindsay called at the colonel's home where he met Roberta Lee Tonneson, the colonel's ward and with whose fortune the old warrior had been gambling. He also had the opportunity of furthering an acquaintance that began with love at first sight, when he had rescued the girl's dog from beneath a passing automobile. Roberta told him the colonel was mysteriously absent and that she feared a negro servant by the name of Trimble, believed also to wield a strange power over Colonel Gaskill. She promised to send him a note if further developments threatened her safety.

With a heart yearning for the girl and fists itching to smash Trimble he left the house and returned to his chum, Dick Borton.

CHAPTER IV

The Battle in the Sleeper

BORTON lay sprawled over his bed when I returned to our room, a pile of books on the floor, and half a dozen of them scattered across the room as if he had thrown them. He glanced up as I burst into the room and grinned.

"Did it make a hit with the fair damsel?" he inquired lightly.

"It?" I questioned, rather puzzled.

"Yes, the tie," he responded, "it is one few girls are able to resist. I hope she liked it. Is she beautiful, superb, matchless, like all the others of yours have been—for two weeks?"

"Shut up," I flared angrily. "What are you doing? Wasting all this time?"

"Just now," he answered slowly and with his most tantalizing grin, "I am reading up on the negroes of America, their origin, habits, superstitions, and especially trying to trace the tribes from which negroes in certain sections of the South were stolen. How did you make out?"

As briefly as possible I told him everything that had transpired. To my relief he became serious at once.

"It looks worse and worse," he remarked quietly. "I thought as soon as I saw that fresh nigger that it was serious."

"You managed to see him then?"

"Yes, I bought a lot of vegetables, meats and fruit, borrowed a market basket and went to the back door to start an argument with the old negro woman who cooks. I insisted on delivering the things and she said she did the marketing herself and had not ordered them. I kept disputing with her until Trimble came to see what was the matter."

"I heard him go. It helped us talk," I interjected.

"I opened up on him just to draw him out, and he certainly is breeding trouble for himself. The old woman is scared to death of him and made hoodoo marks on the floor while he was talking. Trimble had me puzzled so much so that I went to the library and held up the librarian for all these books.

"Didn't he strike you as an odd type?"

"Yes, both in looks and in actions. He holds himself better than the other negroes, and equal or superior to the whites."

"I THOUGHT I knew the southern negro," said Borton earnestly, "but this one is a new kind to me. He isn't Kaffir; he isn't Guinea; he isn't Hottentot. His ancestors came from one of the central African tribes. Some of them must have crossed either with the Creeks or with the Seminole Indians. He hasn't a drop of white blood in him.

"You see," he went on rapidly, "the negroes caught by the slave hunters were from the coast tribes, mainly, later from the tribes further inland. If the cargo was all from one ship, the chances were they would be sold in one district, so they intermarried and retained many of the tribal peculiarities. You will find a lot of plantations where the owners did not believe in selling their slaves, where the peculiarities of accent, the skin tones, and the traditions still survive. This Trimble is uncommon. I can't quite figure his breeding."

"He calls himself King Solomon and acts as if he thought he was of royal blood," I observed.

"That is common enough," laughed Borton. "Many good looking negro men set up the claim that they descend from African kings, and they often pretend to chieftainship. This one may be the genuine article. He has an unusual bearing. By the way, did you notice any rabbit marks?"

"Rabbit marks?" I asked, starting with surprise. "No— not about the negro; but I saw rabbits everywhere in the Major's house."

"Where? What were they?" demanded Borton, oddly agitated, and leaning forward eagerly.

"I noticed the Major's note paper had a rabbit printed on it, the andirons in the fireplace were rabbits, and the book mark had a rabbit embroidered on it. Besides there is a rabbit's foot, a great big one, in a case on the major's writing table. I thought it was a funny idea."

"I should say it is funny," snorted Borton. "You idiot, didn't you ask the girl about it?"

"What the deuce are you driving at?" I fired back angrily. "Think I pay attention to every fool superstition? It's probably some whim of the Major's like the rabbit foot bringing luck."

"OH LORDY! What's the use?" groaned Borton. "You fellows who never had to live among them think negroes are simple, harmless jokes. Understand this; the rabbit's foot means something to a negro who remembers the traditions of his African forefathers. This affair looks worse the more we go into it. And you were so confoundedly upset by the sight of a pretty girl—O well, what's the use? Let's get down to the Piedmont, get some dinner, and see what we can learn about Gaskill."

We both were rather irritated, but, following our long-established custom, we avoided discussion as we went to dinner. We learned little except that Major Gaskill was a hard drinker at times, and a lavish spender of money when in funds. It was nine o'clock when we returned to our rooms. The landlady was waiting for us with a note.

"Old darky woman left it," she said, "about half an hour ago. She said it was important."

I tore open the note hastily, recognizing the writing I had seen for the first time that afternoon.

"They are taking me away tonight," the message ran. "Trimble found one of the notes we dropped in the library. I heard him and Tillie, my maid, planning to take me somewhere. Please try to stop them. Don't call the police but come quickly. They spoke of taking me south. They do not know I overheard, so mammy Hannah will bring this. Please come quickly.

The signature was a scrawled monogram. Before Borton had time to read the note I was imploring him to hurry, raging at the carelessness we had shown in not being at hand when Mammy Hannah arrived with the summons. The blow had fallen not only unexpectedly but much quicker than we had anticipated.

"Call a taxi," directed Borton, who was preparing for action with quiet haste. "Take fifty or sixty dollars in small bills off that roll of yours and conceal the rest somewhere in your clothes. Keep cool. With you in a second."

He was getting ready as quickly as he would have done if summoned to cover a big newspaper story. I could not help admiring his calm manner, and it did much to help me to recover from my excitement.

"RING up the house first," he ordered, while gathering a few clothes up in a small satchel. "See if they have started. Then get the station and learn train times."

I had already summoned a taxicab and, perspiring with excitement and anxiety, I called the Gaskill mansion time and again, urging the girl at the telephone to continue ringing. No reply came.

"They probably have started. Get the taxi office again."

"Hello," I said when the taxi office at the Piedmont replied to my second call. "Have you sent a cab to Major Gaskill's house?"

"Yes, started half an hour ago," came the quick unsuspecting reply.

"Come on Dick," I yelled. "Don't wait for the station call. They left less than half an hour ago. There's a bunch of trains that leave about ten o'clock. We'll catch them at the station."

Spurred by offers of higher pay, the taxi driver sent the car at reckless speed through the downtown district. He swung around the corner at the Maxwell and drew up at the edge of the tracks at the end of the station. We threw him a bill and together raced almost the length of the station.

"Reporters," we explained breathlessly.

"We must catch them," I said, handing him some money.

Borton already had passed through the gate and was sprinting along the tracks in pursuit of the slowly moving train. I followed at top speed. Luckily for us the railway tracks run at a grade for a few blocks compelling a slow rate of speed. Before the train had begun to gather speed for the dash through the tunnel cut, Borton had swung onto the rear platform of the private car, and held out his hand. I leaped, he grasped me and after a moment's struggle my foot found a hold and an instant later we clung to the steps. Fearing to be brushed off from our precarious footholds we clambered around over the couplings; and a moment later we stood in the observation platform, panting, perspiring, wondering if our presence on the car had been observed. To escape being seen we stood at either side of the door leading into the car. By peering around cautiously we could see the reflection of light but the view of the interior of the car was cut off by a drawing room partition.

"We're in Jacksonville, Florida," he (Dick) announced. "And all my money is gone except what is sewed in the lining of my coat."

"NOTHING to do but go in," panted Borton after we had partially regained breath. He tried the door carefully. It was locked by a spring lock inside but the upper part of the glass portion was lowered and by reaching in Borton managed to shove it down. He pushed the catch and the door opened.

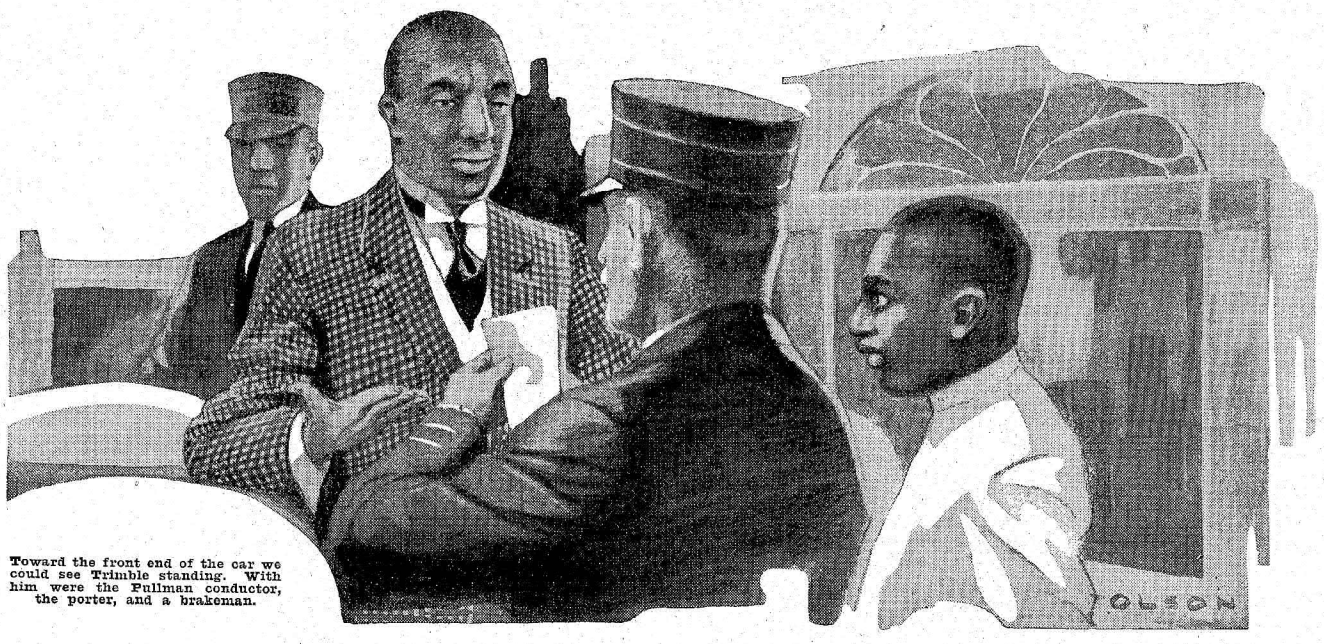
"Come on," he whispered, and led the way cautiously, advancing along the narrow corridor. At the turn we stopped. Toward the front end of the car we could see Trimble standing. With him were the Pullman conductor, the porter, and a brakeman. Evidently they were settling the matter of transportation, for the conductor had his back toward us and was checking the tickets. As he counted the slips of paper I heard him say, "Four."

"No good," whispered Borton, drawing his head behind the angle. "We'll have to hide somewhere until the trainmen get out. We can't get past Trimble. If we can reach the trainmen long enough to explain, they'll help us. If they catch us now, they'll take us for tramps and kick us off. Let's hide until the coast is clear."

Borton tried the door of a stateroom cautiously, but found it locked. The next one, fortunately, opened.

"They're not going to use this one," he whispered. "Hide under the berth. Luckily this is an old-style car and the berths are high enough to get under."

"I'll slip into another room and hide there. Take hold of the end of this



Toward the front end of the car we could see Trimble standing. With him were the Pullman conductor, the porter, and a brakeman.

string. When I jerk it you come and come a jumping. I'll signal you as soon as the trainmen get out."

THE door closed quickly and I felt the string tighten. Then, after a minute, it remained motionless and I knew Borton had found his hiding place without being detected. Looking around for a place to conceal myself I doubled up and backed under the berth, letting the folded blankets drop to conceal my hiding place. It seemed hours that I waited there in the darkness expecting the tug on the string. I was alert in every muscle, starting at every noise.

It was hard to restrain myself, and the thought of Miss Tonneson in the power of the insolent negro made me grit my teeth and curse under my breath. I vowed to exact personal vengeance. Once, I thought, I heard sounds in the car, rising above the rumble of the train, now tearing along at full speed. I could catch the murmur of voices once in a while which seemed that a sharp, imperious voice was giving orders, and a softer one, which must have been Trimble's, was answering. My fears were relieved.

The remembrance of the fourth ticket confirmed my belief that Major Gaskill must also be on the train. I was just getting ready to crawl out and investigate for myself, when I tugged at the string, and instead of an answering pull, the string came toward me without resistance.

At that instant the door of the stateroom opened quickly. I could see a pair of feet, shod in patent leather with white spats, and I knew it was Trimble. Not until that instant did I realize at what a disadvantage a man is placed when he hides under a berth. I tried to prepare for a spring, to take the negro unawares in case he discovered my presence, but scarcely could move.

"I thought I heard something in this room," said Trimble.

"No sah," responded the porter from the passageway. "Ah straightened up dat room mahself, jes befo' de train pull out. No one ain't in hyah."

"You said no one was in the other room, too," sneered Trimble.

Like a flash I realized that Borton had been discovered. I struggled to get clear of the berth. Trimble had half stooped, to look under the berth, and my first movement revealed my presence. I made a desperate grab at his feet. One hand gripped his leg. I pulled myself clear, strove to seize both his legs to bring him to the floor, and had almost dragged myself to my knees when a terrific kick on the jaw rolled me, helpless and groggy, on the floor of the car.

"That's the other one," said Trimble angrily to the porter. "How did he get in here? I'll fix this one."

My dazed brain was struggling to regain command of my paralyzed body. I felt a sharp sting in my arm. Dimly I realized that the negro was using a hypodermic needle. I fought blindly to reach him. Then a great weariness overcame me. My body seemed to die.

"That will fix him," I heard the negro say, his voice sounding from afar. He turned me over. A sharp exclamation of surprise broke from him, and a vicious kick that seemed to drive in my ribs followed. The kick half awakened me from the lethargy that deadened my muscles.

"That one was at the house today," I heard him say angrily. "Nigger, am I?" he kicked me cruelly. "Trimble, eh?" He kicked me again.

Then the rattle of the wheels on the fish plates sounded a lullaby and I sank into unconsciousness.

CHAPTER V

Seeking the Rabbit's Tracks

WHEN I regained my senses I was sitting bolt upright on a grassy embankment at the side of a railway track. Before me, more than a mile wide, stretched a magnificent river. A white, beautiful, ocean-going yacht—flying a strange pennant—rode at anchor at the turn of the river above. A long bridge, yellow and spidery, spanned the water and disappeared into the pine woods on the opposite shore.

A ferry boat was chugging its way across to a big amusement park. On one side as far as the eye could reach the curving shore was lined with magnificent houses, the lawns spreading down to the water's edge.

At many of the private docks launches and yachts were waiting. In the other direction a city of towering spires, tall hotels, and magnificent public buildings sloped gently back from the rows of docks along the river's edge. Beyond the city the river turned and widened into a great expanse, upon which large ocean liners and rust-red tramp steamers lay at anchor.

I glanced around, slowly striving to remember what had occurred. A few feet from me was Borton, stretched upon his back, unconscious, although I could have sworn his eternal grin was plastered on his handsome face. With an effort I rallied and crawled to where he was lying. I shook him; but the only effect was the quickening of his deep breathing.

I was weary and aching in every muscle. The places where the negro had kicked me pained until it was an effort for me to move. My head ached and my mouth seemed kiln-dried. I kept shaking and tugging at Borton, calling his name, and after what seemed a long time he opened his eyes. Then he sat up and looked around. Gradually the astonishment on his face gave way, and, looking at me, he grinned. It would have been laughable to anyone in a mood for laughter.

"Where are we?" he asked with the idiotic expression of a half awakened man.

"I don't know," I responded weakly.

We sat and looked at each other foolishly, and finally, as if with an effort, he aroused himself.

"Let's get to the river and wash. The water will help," he suggested.

WE WERE so weak and sick that crawling down the ten-foot embankment to the water's edge was heart-breaking effort. Every muscle of my body protested; but finally we reached the water and plunged our hands and arms into the cool depths. It served to arouse our deadened faculties.

"Salt," commented Borton as he spat out some water. "We've reached the ocean somewhere. How did it happen?"

I told him my final experience, and the encounter with the negro.

"He got me quick," commented Borton, his chin setting with determination. "I left the door open in order to hear the trainmen go out. They quit talking and I stuck my head around the partition to see whether they had left the car. Trimble was right on top of me. He kicked me and I went to sleep. He must have doped me too."

We made the best toilet possible, and feeling much revived, crawled back to the grassy spot to rest.

"We're a fine pair of detectives," said Borton with sarcastic emphasis.

"We are not," I agreed bitterly.

"I wonder," asked Borton after a time, "whether we are good enough at this line of work to find out what city we are in?"

With an effort which left us almost exhausted we climbed up to the embankment, resting every few feet, and finally dragged ourselves onto a bridge over the railway, a bridge congested with traffic, which proved we were on one of the main trade arteries of the city.

"I'm not ordinarily inclined to curiosity," asserted Borton whimsically, "but really, I would like to know what city we are in."

"Ask someone," I suggested wearily.

"Not for me," he replied, grinning painfully. "If I should the man would either think he was being kidded or that we were crazy. He'll either swing for the jaw or call the police. Wait a minute!"

Inspired by a sudden idea he crossed the street, stopped at a news stand and examined the papers, returning slowly and somewhat disturbed in mind.

"We're in Jacksonville, Florida," he announced, frowning. "And all my money is gone excepting what is sewed in the lining of my coat. How is yours?"

I made a hasty inventory and discovered with much relief that the bulk of the money Kincaid had given me was safe.

"MINE's all here, excepting some small bills I put in my trousers pocket. They overlooked the big roll."

"Let's get freshened up and plan the next step," suggested Borton. "At least we are nearer the scene of action than we were in Atlanta, even if we have lost the trail."

We signalled a street car and, in a few minutes, reached the business center of the district. We found a table on the balcony at the Seminole. A pot of coffee, dripped to double strength, revived us and, while eating breakfast, we studied the strange adventures of the preceding twenty-four hours, and made plans for further pursuit of Trimble and the missing girl. "It's a blind search now," said Borton, although from the set of his jaw it was plain he was less discouraged than I was. "We'll have to cast around to find the trail. The best clue we have is that car I found before going to sleep last night," he grinned as he said it, "it was a private car." Major Gaskill heard from Trimble that there was danger of exposure, and the major slipped to Atlanta, used his influence and got the car.

"I heard the conductor say it was the best that could be found at short notice. I'll trace the car. You go to the telegraph office and see if you can learn whether Trimble or Gaskill did any telegraphing. After that go to the water front and find what boats have left. Ask for a boat for Major Gaskill, two girls, and two negro men abroad leaving early today."

"Two negro men?" I asked, surprised.

"Of course. The porter never would dare go back to the job after what happened in his car. Either he is in hiding or has joined Trimble and, I think, from the control Trimble had over him, he is with them helping Trimble."

"Control?" I asked incredulously.

"Yes. Else he would have raised an alarm. Trimble put the cunj on him."

"Put the cunj?" I repeated, puzzled. "Oh, you mean conjured him? You don't believe in that sort of thing really, do you Dick?"

"LISTEN, Wen," he said, leaning forward and speaking so earnestly I almost laughed aloud, "make up your mind not to laugh at that sort of thing. It may sound foolish to us but it is really serious. Just after I crawled into the stateroom Trimble showed the porter something. If you ever heard a terrorized, overawed man it was that porter. He begged and whimpered and said he would obey the sign."

"What sign?" I asked, impressed but stifling a desire to laugh at Borton's seeming belief in negro superstitions.

"I don't know, I wish I did. I only suspect." He seemed worried and anxious, lowered his voice almost to a whisper, glanced around the room, and, leaning over the table toward me, said:

"I think it was the sign of the rabbit."

I laughed aloud. It was ludicrous; so trivial in view of the seriousness of our errand I could not help it The idea of big, handsome Dick Borton, after years in the newspaper game, which is the surest dispeller of anything excepting realities, being overawed by a superstition was too much. In an instant I saw he was hurt and offended.

"Excuse me, Dick, I didn't mean to laugh, but it sounded so funny."

"Funny?" he repeated, shoving his chair back in irritation. "Let's get to work. But if I'm not mistaken, before we get through with this case you will not laugh at rabbit signs."

Unappeased, he stalked stiffly out of the hotel and I limped away to perform my portion of the task. After a brief skirmish around the telegraph office on Bay street, I encountered an old friend, a telegraph operator who had come South for his health and was working at central. I explained to him the seriousness of the situation and, after we had consulted with the superintendent, we violated the rules and I read the messages. Three had passed. One from Trimble signed "King" to Major Gaskill warning him of danger. One from the Major to Trimble, telling him to bring Miss Tonneson to a car that would be waiting; another saying "Ready tonight," signed by Gaskill.

(Continued on page 28)

BROTHERS ARE YOUNG SCHOOL BOY ANNOUNCERS OF WDAF AND KFKU

KANSAS CITY, Mo.—Of course, you've heard of the Patts. You know, Ralph (left) and John (right), the school boy announcers at Station WDAF and KFKU, or you're a stranger on the air lanes of the West. Ralph is assistant announcer for the Kansas City Star broadcaster and John is the assistant director and chief announcer at the Kansas University station. Nice young men, too, and their ages, instead of handicapping them, seem to add the wim, wigor and witality of youth to the programs of the stations.

But here is another distinction. Neither can sing, nor do they toot horns or test the patience of the mike in any way. Just think! Two announcers who know they can't sing, and don't try!

PHOTOS LEAP OCEAN IN TWENTY MINUTES

POSSIBLE TO OPERATE ON COMMERCIAL BASIS

Radio Corporation and British Marconi Company Cooperating in Development of Invention

PLYMOUTH, Eng.—If the expectations of Richard H. Ranger and the Radio Corporation of America are realized, photographs will be transmitted across the Atlantic ocean in twenty minutes time at a cost that will permit it to be done on a commercial basis. Mr. Ranger is an official of the Radio Corporation and is now in England installing the apparatus and equipment, and plans on transmitting photographs the early part of this month.

The British Marconi company are cooperating with the Radio Corporation in the development of the device, which, the inventor claims, transmits pictures five times faster than any method now in use, whether by wireless, Radio or cable. Due to the simplicity of its functioning, the device does not depend upon any artist or draftsman at either end. The reproductions are built up simultaneously by a special synchronating device which completes the pictures as soon as the transmission is finished.

For General Use

According to Mr. Ranger, it is planned to base the rates of transmission on a scale of fifty dollars for twelve square inches. Although it is probable that newspapers will be the largest purchasers of the service, the invention will undoubtedly prove valuable in the sending of signatures and other reproductions needed by private individuals or business organizations.

The invention is based on the reduction of "picture impulses" necessary for reproduction from about 20,000 per square inch to 4,000. This is the main factor in quintupling the speed, efficiency and economy, and making the transmission commercially practical.

The synchronating mechanism is controlled by tuning forks and pendulums pick the light and dark of the picture, analyzes it in terms of impulses and then by an almost instantaneous process builds up the same impulses on the other side. Two recent trials between New York and London and Honolulu and San Francisco, were successful.

AUSTRALIA? EASY! BUILD RYAN SUPER

HEARD Australia yet? Now seems to be the time if you don't mind staying up late or awakening early to tune in. Another reader, F. Bignell, living at Regina, Sask., Canada, reports:

"I have been hearing 3LO, Melbourne; 2BL, Sydney, and 4QG, Brisbane, Australia, nearly every morning for two weeks. The time I listen in is from 3 to 5:30 a. m. Mountain time. I heard 3LO announce on two occasions that a big celebration would take place on Returned Soldiers' Day, April 25, that the parade would take a half hour to pass a given point, and that the services would be held in the exhibition building. I am using your Mr. Ryan's Simplest Possible Super-Het, which I built myself from your directions, and a loop aerial."

Izaak Walton League Will Enjoy "What Price Trout"

GRAND RAPIDS, Mich.—Brrrrrrrr! (the alarm clock). "Wake up, John! It's 4 o'clock." (from his wife). "What for?" (this from sleepy Mr. Brown). "It's May 1," rejoins his better half. Yawns and squawks. Business of arranging tackle and hunting for mislaid favorite line.

Thus starts Wood's "What Price Trout," a fishing presentation celebrating the opening of the trout season in Western Michigan. The story of a day's fishing expedition, in the family flivver, up trunk line M54 to one of Michigan's famous trout streams.

The trip starts promptly at 9 p. m. Eastern time on May 3. "What Price Trout" is the ninth Mills-Wetzel presentation from the Furniture Capital station here.

Oklahoma Station Continues Fight in Radio Slander Suit

OKLAHOMA CITY.—The National Radio corporation, operating from Station KFJF here, recently entered a motion in the state district court to set aside a $20,000 default judgment rendered against it in a case in which C. W. Fries, undersheriff of Oklahoma county, charged slander. The action was thrown out once on a demurrer, and counsel for the Radio company said they were not advised that it had been reinstated. They set out that they are prepared to make a defense and would have done so had they known the status of the case.

SHORT WAVES

By Marcella

A great many feminine hearts are a'flutter over Norman Brokenshire, of WJZ. Too many, it seems to me, are curious for me to keep his personal habits a secret any longer. Well, Norman (you see I call him by his first name because he and I are great friends), is a very likeable chap. Born in Murchison, Ont., Canada, about 28 years ago, he grew up more or less like Topsy and migrated to Cambridge, Mass., in early youth. Once he was a mechanical draftsman at Pittsfield, Mass. Then he was a doughboy during the world war. After the armistice he was selling things in New York—an occupation he could gather no love for—and one day he noticed a classified advertisement for a Radio announcer in a newspaper. He made the grade from out of a crowd of 500 replies. For a long time at WJZ, he was transferred to WRC, Washington for nearly a year. Then when the R. C. A. decided to open a superstation at New York to take the place of old WJZ, they called their best announcer, our friend Norman, back to handle the station. And he's still there. He's slightly under six feet tall, weighs about 165 pounds, wears a cute little mustache, and has romantic, curly, dark brown hair. And yes, J. H., Rena and Frances, he is single!

* *

Says Mrs. M. J. E., "Wish you would write a little something about Ellen Rose Dickey of WLS. I like her a great deal and have been looking for a feature writeup of her in your women's section." Your prayer is answered in full. Just turn back to page six and look. We wouldn't do that for everybody, you know, but only our best friends.

* *

More about George Hay? After reading what I told you two issues back, you certainly should know almost everything. Well, the reason he left WLS, if you must know, is perfectly admissable. He likes Tennessee very much, WSM being there, and besides, because he likes to pay income tax, and he would have to pay more in the position WSM offered him, he accepted. What did he do before he became an announcer? He was a newspaperman. His experience in this line was extensive, and he still writes a corking good feature story. Look at my column in the April 17 issue for more details of his looks and life.

* *

Wendell Hall is headin' South. Towns to be made, he tells me, include Charlotte, N. C.; Atlanta, Ga.; Memphis, Tenn.; Dallas and Fort Worth, Texas; Nashville, Tenn.; Hot Springs, Ark.; San Antonio and Houston, Texas; New Orleans, La., and Jacksonville, Fla. His "Little Girl from Chicago" is accompanying him.

* *

Clyde Hager, formerly of WMBB, Chicago, is now out in Hollywood directing the studio destinies of the fourth movie colony to be on the air. KFQZ is the station, operating on 226 meters, or 1330 kilocycles. The studio is located in a sumptiously furnished California bungalow in the heart of the Hollywood residential district. Mr. Hager thinks he has one of the prettiest little studios in the country and is completely sold on palm trees, orange blossoms and Mack Sennett bathing beauties.

Yes, John, the MacDowell sisters, Grace and Edith, still sing at WFAA. Yes, they still make records now and then at Kansas City. When I asked them if they were married or single, they replied by saying "Both." Which evidently means that one of them is and the other isn't, or both are. We think they mean the latter, for they are too interesting to stay single. Jolly, good-natured and pleasing, the two have thousands of Radio friends. As for a description of them, let them tell you:

"You can see by our pictures that we are not 'flappers,' as a great many young men seem to think, according to their letters. However, our Radio audience loves us in spite of it."

All those in favor, say aye.

* *

What deep secret would you like to know about your favorite broadcast star? Drop me a note, girls and boys, and I'll do my best to answer here. MARCELLA.

TIME SIGNALS WILL AID GOBI EXPLORERS

SPECIAL RECEIVER TAKE TO TUNE IN ON KDKA

Intrepid Desert Expedition Will Depend on Signals for Making Maps and Keeping Location

PITTSBURG, Pa.—When Roy Chapman Andrews and his co-workers from the American Museum of Natural History set out from Peking, China, April 15 on their third Asiatic expedition, the technical staff took care to load their prized Radio equipment on the back of their most trusted camel from the herd of 150 going with them into the unexplored wastes of the Gobi desert.

The scientists, who on returning from their last expedition brought news that they had found eggs ten million years old belonging to the Dinosaur, are setting forth this spring with two principal expectations: They hope to make discoveries even more notable than pre-historic eggs and to keep in touch with Westinghouse Station KDKA, here, whose time signals, they declare, will be of invaluable aid to the topographers in mapping and determining their latitude and longitude.

Time Signals Important to Explorers

Word concerning the expedition's Radio plans is contained in a letter written by J. B. Shackelford of the technical staff to G. Dare Fleck, program director for KDKA.

To what extent the explorers of the desert will rely on KDKA's time signals is emphasized by the scientist who writes that they are carrying a receiving set built especially for long distance reception from this station.

"Music, news from home and other broadcasts will be welcome," he says "but most welcome of all will be the time signals from KDKA."

KDKA has received numerous letters commenting on the value of the time signals, particularly to vessels along the eastern coast and in the Gulf of Mexico. By means of this service Radio aids the mariners in keeping their correct bearings and safeguarding them against accidents along the coast.

a STEP ON the STAIRS

By ROBERT J. CASEY

Radio Dramatization by FRED SMITH

Illustrations by HILMER C. OLSON

CHAPTER NINETEEN

The Killer

IT CANNOT be said that the late Jeremiah had been a popular figure in the community of Pelican Bay. As resident member of a family that had contributed so much to the history and wealth of Portsmouth and the bay shore he had moved in a rarified atmosphere, known for his ancestral associations rather than for anything that he himself said or did. Few indeed of the dwellers along the bay road or in the estates more closely adjoining beyond the cedars had ever seen Jeremiah at close range until the day when the whole county turned out to pay him honor and witness his departure from the old manse via the front door.

But for all that there was not a man, woman or child in the region who could not have recited every detail of his pedigree, biography and personal habits. The Turners had been a sort of hereditary legend in Pelican Bay for so long that their deeds had been woven into fireside tales and even cradle songs. And the community had felt a personal loss in his tragic removal—a loss for which there was no widespread friendship or great good will to account.

Something of the public attitude on the matter was reflected in the faces of the haggard guests, the state troopers and the secret service operatives as they stared in amazement at Peleg Turner, come back from the grave so opportunely to confess a fratricide.

"YOU killed him?" breathed Everett almost unbelievingly. "You understand what you are saying?"

"I understand perfectly," replied Peleg with little or no show of emotion. "I came home unexpectedly the night before the killing. Afterward I went away and came home again. I shot him through the head over there on the hearth and a jolly good shot it was, too."

"Don't talk like that!" broke in Ardwyn hoarsely. "You don't know what your are saying, Peleg. Mr. Everett, Captain Cass, don't listen to him. The man is crazy."

"No, Ardwyn," Peleg interrupted with a shake of his head. "You are jumping at conclusions again. I am probably the sanest man in this room."

"If he wants to talk, let him," suggested Everett. "We might as well clear this thing up now. Mr. Turner, have you any explanation to make concerning why you killed him? Had you quarrelled with your brother?"

Old Peleg's gray eyes dulled as if with a mist and his voice was choking when he answered.

"No," he said. "We never had a quarrel. I loved Jeremiah. I looked after him since the day our mother died and left him in my care. . . And that is why I have no regrets for what I have done. . ."

Tolliver sniffed angrily.

"The old boy is off his nut," he confided to Hazel Stanton who happened to be nearest him. "Just another of these stories where a lunatic thinks he's conferring a favor on somebody by knocking him off."

"Keep quiet," retorted Hazel impatiently. "This is no affairs of yours."

"It certainly is my affair," replied Tolliver in a hurt tone. "I been in it as deep as anybody else for three hours. . ."

"Hush," commanded Hazel. "There's something more to this."

It was apparent that Everett shared something of Tolliver's view of the case for his next question showed his puzzlement over the discrepancy between Peleg's avowed affection and Peleg's casual confession of murder.

"You loved him so much that you murdered him?" he asked.

Peleg's eyes widened.

"Do you mean. . ." he began. "But you can't mean. . . Why I thought you knew. . . I thought that was why you came here tonight. . . I knew somebody had talked of opening the grave. . . I didn't kill my brother. I killed the man the gang had put in here to take his place after they murdered him. The man on the hearth wasn't Jeremiah. He was a New York gunman. And I didn't murder him. I killed him in self-defense in a fair fight. . . ."

"Well I'll be doggoned," commented Tolliver.

"WE DIDN'T know any of this," said Everett.

"I am sorry gentlemen," apologized Peleg. "My head is a little muddled or I guess I'd have seen how the land lay. . . Well it's easily explained.

"Hari Singh had been away. While he was gone I put Jeremiah in charge of this house and I went away, too. The cruise was to have lasted five years.

"Then Hari Singh came back here to look for a job from Jeremiah and he got hired because the gang thought he was a foreigner who didn't know anything about the neighborhood. But the man who was living in the house and passing himself off as my Brother Jeremiah was not Jeremiah and Hari Singh knew it. There was some resemblance—enough to pass with some pretty close friends when they came to look at him after a .45 bullet had messed up his face, but Hari Singh wasn't fooled. He sent for me and kept his eyes open."

"Do you mean to tell me that anybody could have passed himself off as a Turner in Pelican Bay without being detected instantly?" demanded Everett.

"I'm telling you just that," replied Peleg evenly. "The Turners are the best known people in these parts but it's mostly by hearsay. None of us ever stayed ashore long enough to pick up many friends.

"Anyway this man was passing himself off as Jeremiah Turner and doing a good job of it when I came home. I came in through the front door unexpectedly and he recognized me. He pulled a gun and I killed him."

"But your reported death?"

"All part of the same story. The gunman looked like Jeremiah. Therefore he looked like me. We buried him once as Jeremiah. Then we dug him up, shaved him and buried him a second time as Peleg Turner. It was really John Carton's idea. He had found that he could learn more by keeping out of sight."

"Then," commented Everett, with some disappointment, "We're right back where we started from. Who did kill Jeremiah Turner?"

"I HAD hoped to find out tonight, gentlemen," Peleg replied. "But you know how the evening turned out. The man I killed was an underling. I don't know who killed my brother and I probably never shall."

"Perhaps I can help you out," suggested Mary Williams. "I think I can point out the murderer. . ."

"I knew she had something to do with it," cried Aunt Helen Holmes. "I could feel it in my bones."

But no one paid attention to her. Everyone was looking at Mary, who had stepped away from the side of her police guard and now stood looking from one to another with half closed eyes.

"Well then who killed him?" snapped Everett.

"I can't tell you his name," said Mary.

"We have no time to waste on guesswork."

"This is no guesswork, Mr. Everett. I know. The man who killed Jeremiah Turner is in this room and you can easily identify him. He is not Mr. Ardwyn, but he has a row of teeth marks on his wrist."

"How do you know that?" questioned Everett.

"Find him," commanded the girl. "Ask your questions afterward."

"Silly business," the secret service man declared. "But we'll see. Ladies and gentlemen, hold out your wrists."

The inspection took only a moment. Ardwyn's bandaged hand was passed and a quick glance about the room showed no similar wound.

"Sorry," Everett reported with mock courtesy. "You had me going for a minute, but everyone here seems to be intact. Have you any other suggestions?"

"Just one more," countered Mary Williams with a triumphant note in her voice. "Look at the man on the floor. I'd advise you to look in a hurry. He's regaining consciousness."

Everett looked.

"You're right," he admitted with a vehemence that showed he had finally been shaken out of his professional calm. "The man's right wrist is bleeding."

"Why that's Cousin William Caryl," moaned Aunt Helen Holmes. "Why all this is preposterous! Cousin William wouldn't kill anybody. He wouldn't hurt a fly. That terrible woman is making all this us to damn an innocent man. She'd do anything, she would. . . Ask him. . . Ask him. . . He's opening his eyes. Ask him. . . "

Everett was raising Caryl's head from the floor.

"What happened to your wrist, Bill?" he asked in a calm wheedling tone.

"The boat got away and she bit me and I spilled the can of ether," muttered Caryl incoherently. "If I could have doped her maybe we could have got away. Peleg Turner won't be back for five years. Peleg Turner is dead."

"Out of his head," diagnosed Everett. "Evidently was going to gas somebody and got it himself."

"My wrist hurts," wailed Caryl, with increasing vigor. "Don't let her get at me now. . . Don't let her. . . Keep that cat away or I'll bump her off like I bumped old Jeremiah . . like I bumped off old Jeremiah. . . Like I bumped off. . ."

CHAPTER TWENTY

A Door Closes

EVERETT arose and turned apologetically to Mary Williams.

"Young woman," he said, "It appears that you were right. And I can't say that I'm particularly proud about the way we've treated you."

"It's nothing," replied Mary Williams. "You worked on what information you could get. My information was better. . . . That was all there was to it."

"Would you mind telling me how you knew William Caryl killed Jeremiah Turner?"

"Not at all. I was here when it happened."

"You saw the murder?"

"No. . . I didn't see it. The thing happened here in this room in the dark. I could only hear what was going on. In the morning there was a new Jeremiah Turner in the place and I saw that I

(Continued on next page)

WHO WILL WIN THE

$500 in Gold

FOR SOLVING

"a Step On the Stairs"

? ? ?

HERE it is—the tenth installment and conclusion to Mr. Casey's thrilling and carefully tangled mystery story. How many of you had an idea that Cousin William Caryl was the arch conspirator? Just how many the Mystery Story Editor does not yet know, but indications taken from the solutions so far submitted by readers, or by listeners to the drama over the air, point to the statement that very few, if any, even suspected that the pious William was supposed to play a very important role.

But watch for next issue—that of May 15—which will be on all news stands by Friday May 14. In it will be announced the winners of the $500 in gold prizes for the best solutions to the story. Each of the principal winning solutions will be criticized by the Mystery Story Editor. It may even be feasible to reprint in whole a few of the best.

By the way, have you begun to read Big Rabbit, by Hugh Fullerton? Mr. Fullerton, whose name came into prominence some years ago when he said he knew 10,000 people—by name—is, like Mr. Casey, a graduate of the daily newspaper office. For years he has been associated with the largest morning daily newspaper in the United States. Knowing himself, he knows newspaper men and is well qualified to write a fiction story about them.

If you haven't read Big Rabbit, turn back to page eight and do it now.

AN EVENING AT HOME WITH THE LISTENER IN
IN CENTRAL TIME

Call	Location	Met.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
AT9	Fort Bragg, N. C.	435	Silent	5:00- 6:00	Silent	Silent	Silent	7:00- 8:55	Silent
CFCA	Toronto, Ont.	356.9	Silent	6:00- 8:00	5:45- 6:45	Silent	6:00-11:00	Silent	Silent
CFCN	Calgary, Alta.	356.9	11:00- 1:00	Silent	Silent	Silent	Silent	9:00-10:00	Silent
CJCA	Edmonton, Can.	434.5	10:00-12:00	8:30- 9:30	8:30-10:30	8:30- 9:00	7:00- 9:00	10:00-12:00	9:00-12:00
CKAC	Montreal, Que.	516.9	5:00- 9:00	12:45- 1:45	Silent	5:00- 9:30	Silent	5:30- 7:30	Silent
CKCL	Toronto, Ont.	410.7	5:00- 6:00	1:00- 2:55	Silent	5:00- 9:50	Silent	5:00- 6:00	Silent
CKNC	Toronto, Ont.	356.9	6:00- 8:00	Silent	6:00- 9:00	Silent	Silent	Silent	Silent
CKY	Winnipeg, Man.	384.4	8:00-11:00	7:00-10:00	8:00-12:00	Silent	7:30-11:00	8:30-11:00	Silent
CNRO	Ottawa, Ont.	434.5	6:30-11:30	Silent	Silent	Silent	6:30-11:30	Silent	Silent
CYL	Mexico City, Mex.	480	Silent	9:24-10:54	Silent	9:24-10:54	Silent	Silent	9:24-10:54
CZE	Mexico City, Mex.	350	8:24- 9:24	Silent	8:24- 9:24	8:24- 9:24	8:24- 9:24	8:24- 9:24	8:24- 9:24
KDKA	Pittsburgh, Pa.	309.1	5:30- 8:55	3:00- 7:45	5:30- 8:55	5:30-11:35	5:30- 8:55	5:30-11:00	5:30-10:05
KFAB	Lincoln, Nebr.	340.7	5:30- 2:00	4:00-11:00	5:30-10:30	5:30-10:30	5:30-10:30	Silent	5:30-10:30
KFDM	Beaumont, Tex.	315.6	Silent	8:00- 9:00	Silent	8:00-10:00	Silent	Silent	8:00-10:00
KFH	Wichita, Kan.	267.7	7:00- 8:00	7:15- 8:15	7:00- 8:00	7:00- 8:00	7:00- 8:00	7:00- 8:00	7:00- 8:00
KFI	Los Angeles, Cal.	467	8:00- 5:00	6:00- 1:00	8:00- 1:00	8:00- 1:00	8:00- 1:00	8:00- 1:00	8:00- 1:00
KFJF	Okla. City, Okla.	260.7	6:00- 1:30	2:30-11:45	6:00-10:45	6:00-10:45	6:00-10:45	6:00-10:45	6:00-10:45
KFKX	Hastings, Nebr.	288.3	5:30- 6:30	Silent	5:30-11:00	5:30- 8:00	5:30-11:00	5:30- 8:00	5:30-11:00
KFMX	Northfield, Minn.	336.9	Silent	7:00- 8:00	Silent	9:30-10:00	9:00-10:00	Silent	10:00-11:00
KFNF	Shenandoah, Ia.	263	7:00-12:00	2:30- 8:30	7:00- 9:00	7:00- 9:00	7:00- 9:00	7:00- 9:00	7:00- 9:00
KFOA	Seattle, Wash.	454.3	11:30- 1:00	Silent	9:00-12:00	8:00- 1:00	9:00-12:00	Silent	8:00- 1:00
KFON	Long Beach, Cal.	232.4	8:30- 2:00	8:30-12:00	8:30- 2:00	8:30- 1:00	8:30- 1:00	8:30- 2:00	8:30- 2:00
KFQB	Fort Worth, Tex.	508.2	8:30- 9:30	3:00- 8:30	8:30- 9:30	8:30- 9:30	Silent	8:30- 9:30	8:30- 9:30
KFRU	Columbia, Mo.	499.7	Silent	7:30- 8:30	6:15- 7:15	6:15- 7:15	9:00-11:30	6:15- 7:15	12:00- 2:00
KFUO	St. Louis, Mo.	545.1	7:45- 8:45	9:15-10:15	8:00- 9:00	6:30- 7:30	9:15-10:15	Silent	9:30-10:30
KFVE	Univ'ty City, Mo.	240	9:15-10:15	Silent	9:15-10:15	9:15-10:15	9:15-10:15	Silent	9:15-10:15
KFWA	Ogden, Utah	260.7	10:00-12:00	Silent	10:00-12:00	Silent	10:00-12:00	Silent	10:00-12:00
KFWB	Hollywood, Calif.	252	8:30- 1:00	11:00- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00
KFWI	San Francisco, Cal	226	Silent	10:00- 2:00	10:00- 2:00	Silent	10:00- 3:00	12:00- 2:00	10:00- 3:00
KFXF	Colorado Springs	250	10:00-12:00	Silent	9:30-11:30	9:30-11:30	Silent	10:00-12:00	10:00-12:00
KGO	Oakland, Calif.	361.2	10:10- 2:00	5:30-10:30	8:00-12:00	8:00- 2:00	8:00- 8:55	10:00- 2:30	8:00- 8:55
KGW	Portland, Ore.	491.5	8:00- 2:00	9:30-12:00	8:00- 2:00	8:00- 2:00	8:00- 1:00	8:00- 2:00	8:00- 2:00
KHJ	Los Angeles, Cal.	405.2	9:30-12:00	6:00-12:00	Silent	9:45-12:00	10:00-12:30	9:45-12:00	9:30-12:00
KIAF	Sihtinok, Minn.	421	Silent	4:00- 5:00	9:00-10:00	Silent	9:00-10:00	Silent	9:00-10:00
KJR	Seattle, Wash.	384.4	10:30-12:00	7:00-12:30	9:00-12:00	9:00-12:00	9:00-12:00	9:00- 2:00	9:00-12:00
KLDS	Independence Mo.	440.9	8:00- 9:00	6:30-10:00	Silent	8:00-11:59	Silent	8:00- 9:00	Silent
KLX	Oakland, Calif.	508.2	9:00- 9:30	Silent	8:30-12:00	9:00- 9:30	8:30-12:30	9:00- 9:30	8:30-12:30
KMA	Shenandoah, Ia.	252	6:00-11:00	4:00- 6:00	6:00-11:00	6:00-11:00	6:00-11:00	6:00-11:00	6:00-11:00
KMMJ	Clay Center, Nebr.	229	8:00- 9:00	8:45- 9:45	8:00- 9:00	8:00- 9:00	Silent	8:00- 9:00	8:00- 9:00
KMOX	St. Louis, Mo.	280.2	6:00-11:00	9:00-10:00	6:00-11:00	6:00-11:00	6:00-11:00	Silent	6:00-11:00
KNX	Hollywood, Cal.	336.9	8:30- 4:00	8:30-12:30	8:30- 2:00	8:30- 2:00	8:30- 2:00	8:30- 2:00	8:30- 2:00
KOA	Denver, Colo.	322.4	10:00-12:00	6:00- 9:40	7:30-11:15	7:30- 9:30	7:30- 1:00	7:30- 8:30	7:30-10:00
KOB	StateCollege, N.M.	348.6	Silent	Silent	8:30- 9:30	Silent	Silent	Silent	8:30- 9:30
KOIL	Council Bluffs, Ia	278	7:00- 3:00	7:00-12:00	6:00-12:00	6:00-12:00	6:00- 7:15	6:00-12:00	7:00-12:00
KPO	SanFrancisco, Cal	428.3	8:30- 2:00	8:00-12:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 1:00	8:30- 2:00
KPRC	Houston, Texas	296.9	7:30-11:00	7:30-12:00	6:30-10:30	7:30-10:00	6:30-12:00	7:30-10:00	Silent
KPSN	Pasadena, Calif.	315.6	10:00-12:00	10:45-11:45	Silent	10:00-11:00	Silent	10:00-11:00	Silent
KSD	St. Louis, Mo.	545.1	7:00-10:00	5:15- 8:15	8:00-11:00	6:00- 9:30	6:00- 8:00	7:00- 9:00	7:00- 9:00
KSL	Salt Lake City, U.	299.8	9:00-12:00	8:30-11:00	8:00-12:00	7:00- 9:00	8:30-12:00	8:30-12:00	8:30-11:00
KSO	Clarinda, Ia.	241.8	Silent	Silent	7:00- 8:00	8:00-11:30	7:00- 8:30	7:00- 9:00	7:00- 8:30
KTAB	Oakland, Calif.	240	Silent	9:45-11:15	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00
KTBI	Los Angeles, Cal.	293.9	Silent	9:15-11:30	Silent	10:00-11:00	Silent	10:00-11:00	Silent
KTCL	Seattle, Wash.	305.9	Silent	8:10-11:10	9:00-10:00	10:00-11:00	Silent	Silent	9:00- 2:00
KTHS	Hot Springs, Ark.	374.8	9:00-11:15	9:00-11:30	9:00-12:15	9:00-10:30	9:00-10:45	9:00-10:30	9:00-11:00
KTW	Seattle, Wash.	455	Silent	9:00-11:30	Silent	Silent	Silent	Silent	Silent
KUOA	Fayetteville, Ark.	299.8	Silent	Silent	7:30- 9:00	8:00- 9:00	Silent	8:00- 9:30	Silent
KWKH	Shreveport, La.	329.5	9:00-12:00	7:00-11:00	10:00-11:30	9:00-12:00	Silent	8:00- 9:30	Silent
KWSC	Pullman, Wash.	348.6	Silent	Silent	9:30-11:00	Silent	9:30-11:00	Silent	9:30-11:00
KWWG	Brownsville, Tex.	278	6:00- 7:00	Silent	8:30- 9:30	6:00- 7:00	6:00- 7:00	6:00- 7:00	6:00- 7:00
KYW	Chicago, Ill.	535.4	5:00-11:00	3:30-10:00	Silent	5:00-11:00	5:00- 9:00	5:00-11:00	5:00- 9:00
NAA	Radio, Va.	434.5	Silent	Silent	6:45- 7:00	7:30- 8:30	Silent	Silent	Silent
PWX	Havana, Cuba	400	7:30-10:00	7:00- 9:15	7:30-10:00	7:30-10:30	7:00- 9:15	Silent	Silent
WADC	Akron, Ohio	258	5:30- 6:30	5:30- 6:30	5:30- 1:00	5:30-10:00	5:30- 6:30	5:30- 9:00	5:30-10:00
WAHG	Richmond, N. Y.	315.6	10:00-12:00	Silent	5:30-12:00	Silent	5:30-10:00	Silent	6:00- 9:00
WAIU	Columbus, Ohio	293.9	8:15-10:00	2:00- 3:00	5:00-10:30	5:00-11:00	5:00- 6:00	5:00- 6:00	5:00-11:00
WAMD	Minneapolis, Minn	244	6:15-10:30	6:15-10:30	7:00-12:00	Silent	7:00-12:00	6:15-12:00	6:15-12:00
WBAL	Baltimore, Md.	246	Silent	5:30- 7:30	5:30- 9:00	5:30- 9:00	Silent	5:00- 9:00	5:30-10:00
WBAP	Fort Worth, Tex.	475.9	7:30-11:00	5:00-11:00	7:30-12:30	7:30-11:00	Silent	7:30-11:00	7:30-11:00
WBAR	Sisiht, Wis.	406	Silent	10:00-11:00	9:00-10:00	Silent	8:00- 9:00	7:30- 8:30	Silent
WBBM	Chicago, Ill.	226	7:00- 1:00	3:00- 1:00	5:00- 6:00	7:00-11:00	7:00- 1:00	7:00-11:00	7:00- 9:00
WBBR	StatenIsland, N.Y.	272.6	6:00- 8:00	7:00- 8:15	6:00- 7:00	Silent	Silent	6:00- 7:00	Silent
WBCN	Chicago, Ill.	266	8:00-12:00	4:00-11:00	Silent	8:00-12:00	7:00-11:00	8:00- 1:00	8:00-12:00
WBPI	New York, N. Y.	263	4:00- 9:45	Silent	4:00- 9:00	4:00- 9:00	4:00- 9:00	4:00- 5:00	4:00- 9:00
WBZ	Springfield, Mass.	333.1	5:15- 8:00	4:00- 7:00	5:00- 9:00	5:15- 9:00	5:00- 9:00	5:00- 9:00	5:00- 9:00
WCAE	Pittsburgh, Pa.	461.3	4:30- 7:30	3:00- 8:15	6:00-10:05	6:00-10:05	6:00- 9:00	6:00-10:00	6:00-10:00
WCAP	Washington, D.C.	468.5	Silent	3:00- 9:15	6:00-10:00	Silent	6:00-10:00	Silent	5:00-11:30
WCAU	Philadelphia, Pa.	278	Silent	3:00- 9:00	5:30- 9:00	4:30- 9:30	5:30-10:00	4:30-10:30	4:45- 9:30
WCBD	Zion, Ill.	344.6	Silent	7:00- 9:30	Silent	7:00- 9:30	Silent	7:00- 9:30	Silent
WCCO	Minn.-St.P., Minn.	416.4	6:15-11:05	4:10-10:35	6:15-10:00	6:00-10:30	6:00-12:30	6:15-11:05	6:15-11:05
WCOA	Pensacola, Fla.	222	1:00-12:00	Silent	6:30- 7:30	Silent	6:30- 7:30	Silent	6:30- 7:30
WCX	Detroit, Mich.	516.9	5:00- 6:00	6:15- 7:15	5:00- 8:00	5:00- 1:00	5:00- 8:00	5:00- 8:00	5:00- 9:00
WDAF	Kansas City, Mo.	365.6	6:00- 1:00	4:00- 4:45	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00
WDBO	Winter Park, Fla.	240	8:00- 9:30	4:00- 5:00	8:00- 9:30	8:30-10:00	8:00- 9:30	8:00- 9:30	8:00- 9:30
WDWF	Providence, R.I.	440.9	Silent	Silent	Silent	5:45- 6:00	5:25- 6:40	5:45- 6:00	5:45- 6:00
WEAF	New York, N.Y.	491.5	4:00-10:00	1:00- 8:15	4:00-10:00	4:00-10:00	4:00-10:00	4:00-10:00	4:00-10:00
WEAN	Providence, R.I.	270.1	4:30- 8:30	5:30- 6:45	4:30- 8:30	4:30- 8:30	4:30- 8:30	4:30- 8:30	Silent
WEAO	Columbus, Ohio	293.9	Silent	Silent	Silent	6:00- 8:00	7:00- 8:00	7:00-10:00	Silent
WEAR	Cleveland, Ohio	389.4	6:00-12:00	6:00- 9:15	6:00- 7:00	6:00-11:00	6:00- 7:00	6:00-10:00	6:00-11:00
WEBH	Chicago, Ill.	370.2	6:00- 1:00	4:00- 8:00	Silent	6:00-11:30	6:00-11:30	6:00-11:30	6:00-11:30
WEBJ	New York, N.Y.	272.6	Silent	Silent	Silent	6:00- 8:00	6:00- 8:00	Silent	6:00- 7:00
WEEI	Boston, Mass.	348.6	Silent	4:00- 8:15	4:45- 9:30	5:30- 9:30	4:13- 9:00	5:30- 9:00	5:30- 9:00
WEMC	Berrien Spgs., Mic	285.5	Silent	7:15- 9:10	7:15- 8:15	Silent	7:15- 8:15	Silent	8:00-10:05
WENR	Chicago, Ill.	265.3	5:00- 1:00	1:00-11:00	Silent	5:00- 9:00	6:00- 1:00	5:00- 9:00	5:00- 1:00
WFAA	Dallas, Texas	475.9	6:30-12:00	6:00-12:00	6:30- 9:30	6:30-12:00	Silent	6:30- 9:30	6:30- 9:30
WFBH	New York, N.Y.	272.6	9:30-12:00	3:00- 6:00	9:30-12:00	9:30-12:00	9:30-12:00	9:30-12:00	9:30-12:00
WFI	Philadelphia, Pa.	394.5	4:30-10:00	2:30- 3:30	5:00- 6:00	4:30- 9:30	5:00- 6:00	4:30- 9:00	5:00- 6:00
WGBF	Evansville, Ind.	236.1	Silent	Silent	Silent	7:15-10:00	Silent	Silent	7:00- 8:00
WGBS	New York, N.Y.	315.6	4:30- 9:30	6:00- 7:00	5:00- 5:15	4:00- 9:30	4:00- 6:30	4:00- 6:45	Silent
WGBU	Fulford, Fla.	278	5:30-12:00	8:30-11:00	5:30-12:00	5:30-12:00	5:30-12:00	5:30-12:00	5:30-12:00
WGCP	New York, N.Y.	252	6:30-10:00	1:00- 4:00	7:00- 9:30	Silent	5:00- 7:15	8:30-11:00	5:00- 7:10
WGES	Oak Park, Ill.	250	4:00-12:00	4:00- 1:00	4:00- 6:00	4:00-12:00	4:00-12:00	4:00-12:00	4:00-12:00
WGHB	Clearwater, Fla.	266	5:30-12:00	Silent	5:30-12:00	5:30-12:00	5:30-12:00	5:30-12:00	5:30-12:00
WGHP	Detroit, Mich.	270	Silent	Silent	5:00-12:00	5:00-12:00	5:00-12:00	5:00-12:00	5:00-12:00
WGN	Chicago, Ill.	302.8	5:55-10:00	5:45-10:00	Silent	5:55-10:00	5:55-10:00	5:55-10:00	5:55-10:00
WGR	Buffalo, N. Y.	319	Silent	4:00- 8:15	4:30-10:00	4:30- 7:00	4:30-10:00	4:30- 8:00	4:30-10:00
WGY	Schenectady, N.Y.	379.5	4:30- 9:30	2:00-10:00	5:30- 8:00	5:45- 9:00	5:35- 8:05	5:45-10:30	5:00-10:00
WHA	Madison, Wis.	535.4	Silent	Silent	8:00- 9:00	Silent	8:00- 9:00	Silent	8:00- 9:00
WHAD	Milwaukee, Wis.	275.1	Silent	3:15- 4:15	6:15-10:00	6:15- 7:00	6:15-12:30	6:15- 7:00	6:15-10:00
WHAR	AtlanticCity, N.J.	275.1	5:30- 7:00	5:50- 8:00	5:30-10:00	5:30- 7:00	Silent	5:30-10:00	5:30- 7:00
WHAS	Louisville, Ky.	399.8	7:30- 9:00	4:30- 5:30	Silent	7:30- 9:30	7:30- 9:00	7:30- 9:00	7:30- 9:00
WHAZ	Troy, N.Y.	379.5	Silent	Silent	8:00-11:00	Silent	Silent	Silent	Silent
WHB	Kansas City, Mo.	365.6	Silent	8:00- 1:00	7:00- 8:00	7:00-10:00	7:00- 8:00	7:00-10:00	7:00- 8:00
WHN	New York, N.Y.	361.2	Silent	1:00-10:30	4:30-10:30	4:00-11:00	4:00-11:00	4:00-11:00	4:00-11:00
WHO	Des Moines, Ia.	526	Silent	5:00-12:00	7:30-12:00	7:30-12:00	6:00-12:00	7:30-12:00	7:30-12:00
WHT	Chicago, Ill.	399.8	6:00-12:00	11:00- 9:30	Silent	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WIBO	Chicago, Ill.	226	5:00- 7:00	5:00-11:00	Silent	5:00- 1:00	5:00-11:00	5:00- 1:00	5:00- 1:00
WIP	Philadelphia, Pa.	508.2	4:05-10:05	2:00-8:30	4:05- 6:00	4:05-10:00	4:05- 6:00	4:05-10:00	4:05- 6:00
WJAR	Providence, R. I.	305.9	Silent	5:20- 8:15	5:45- 9:00	5:30- 8:00	5:30- 9:00	5:45- 9:00	6:00-10:00
WJAS	Pittsburgh, Pa.	275.3	6:00-11:00	Silent	6:00-11:00	6:00-11:00	6:00- 1:00	6:00-11:00	6:00-11:00
WJAX	Jacksonville, Fla.	336.9	7:00- 9:00	6:30- 7:30	7:00- 9:00	7:00-11:00	7:00- 9:00	7:00-11:00	7:00- 9:00
WJAZ	Chicago, Ill.	322.4	Silent	Silent	Silent	Silent	Silent	10:00-12:00	Silent
WJJD	Mooseheart, Ill.	370.2	4:30-12:00	2:00- 3:00	Silent	4:30-12:00	4:30-12:00	4:30-12:00	4:30-12:00
WJR	Pontiac, Mich.	516.9	6:00-11:30	Silent	6:00-11:30	6:00- 9:00	6:00-11:00	6:00-10:00	6:00- 9:30
WJZ	New York, N.Y.	454.3	5:00- 8:25	12:30- 9:00	5:00- 9:45	5:30- 9:45	5:00- 9:45	5:00-10:00	5:00-10:00
WKAQ	San Juan, P. R.	340.7	Silent	Silent	Silent	Silent	6:00- 8:00	6:00- 8:00	6:00- 8:00
WKAR	Lansing, Mich.	285.5	Silent	Silent	6:15- 8:00	6:00- 7:00	6:00- 8:00	6:00- 7:00	6:15- 8:00
WKRC	Cincinnati, Ohio	422.3	9:00-10:15	4:45-10:15	4:00-11:00	8:00-10:45	4:00-11:00	8:00-10:15	Silent
WLIB	Chicago, Ill.	302.8	6:00-11:30	4:00- 5:15	Silent	6:00-11:30	6:00-11:30	6:00-11:30	6:00-11:30
WLIT	Philadelphia, Pa.	394.5	5:30- 6:30	4:30-6:00	6:15- 8:45	5:50- 6:50	6:00- 9:00	5:30- 6:30	7:30-11:00
WLS	Chicago, Ill.	344.6	6:30-11:00	5:00- 6:55	Silent	5:40- 6:55	5:40-12:00	5:40- 6:55	5:40-10:00
WLW	Cincinnati, Ohio	422.3	6:00- 9:00	3:00- 8:30	6:00-10:00	5:00- 9:00	6:00-11:00	6:00-12:15	Silent
WLWL	New York, N.Y.	288.3	Silent	5:00- 6:00	6:00- 8:00	Silent	Silent	6:00- 8:00	Silent
WMAK	Lockport, N.Y.	265.5	4:15- 9:00	5:30- 6:30	5:30- 9:00	4:15- 5:15	5:30- 8:00	5:15- 6:00	Silent
WMAQ	Chicago, Ill.	447.5	5:00- 9:00	Silent	Silent	5:00- 8:55	5:00- 8:55	5:00- 8:00	5:00- 8:55
WMAZ	Macon, Ga.	260.7	Silent	Silent	9:00-10:00	7:00- 8:00	10:00-11:00	9:00-10:00	7:00-10:00
WMBB	Chicago, Ill.	250	6:00-10:00	2:00-10:00	Silent	6:00-10:00	6:00-10:00	6:00-10:00	6:00-10:00
WMBF	Miami Beach, Fla	384.4	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WMC	Memphis, Tenn.	499.7	7:15- 9:30	Silent	7:15- 9:00	7:15-12:00	Silent	7:15- 9:45	7:15-12:00
WMCA	New York, N.Y.	340.7	7:00-11:00	5:00- 8:00	7:00-10:00	6:00-10:00	7:00-10:00	7:00-10:00	6:00- 9:45
WNAC	Boston, Mass.	280.2	4:00- 9:00	1:15- 6:45	4:30- 8:45	4:00- 7:00	4:00- 8:00	4:00- 7:00	4:00- 9:00

Call	Location	Met.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
WNYC	New York, N.Y.	526	5:00- 8:30	7:00- 9:00	5:35- 8:30	5:10- 9:30	5:30- 8:30	5:30- 8:30	5:30- 8:30
WOAI	San Antonio, Tex.	394.5	Silent	7:30-10:30	Silent	8:30-10:30	8:30- 9:30	Silent	8:30- 9:30
WOAN	Lawrenceb'g, Tenn	282.8	Silent	9:00-10:00	9:00- 1:30	9:00-10:00	9:00-10:00	9:00-10:00	9:00-10:00
WOAW	Omaha, Nebr.	526	6:00-12:00	6:00- 9:00	6:00-11:00	6:00- 1:00	Silent	6:00- 1:00	6:00-11:15
WOAX	Trenton, N. J.	240	Silent	7:30- 9:30	Silent	Silent	Silent	Silent	Silent
WOC	Davenport, Iowa	483.6	9:00-10:00	6:30-11:30	Silent	6:00-10:00	6:00-10:30	6:00-12:00	7:30-11:00
WOI	Ames, Ia.	270.1	Silent	Silent	Silent	Silent	Silent	7:05- 8:30	Silent
WOK	Homewood, Ill.	217.3	9:00-12:00	6:00-12:00	Silent	9:00-12:30	9:00-12:30	9:00-12:30	9:00-12:30
WOO	Philadelphia, Pa.	508.2	5:30- 6:30	4:00- 5:00	5:30-10:00	5:30- 6:30	5:30- 9:30	5:30- 6:30	5:30- 9:30
WOOD	Grand Rpds, Mich.	242	9:00-12:00	Silent	9:00- 1:00	9:00-12:00	9:00-12:00	Silent	9:00-12:00
WOQ	Kansas City, Mo.	278	8:00-11:00	7:00- 7:45	Silent	8:00- 9:00	Silent	7:00- 9:00	Silent
WOR	Newark, N. J.	405.2	4:15-10:00	Silent	4:15-10:00	4:15- 6:00	4:15- 9:30	4:15- 6:20	4:15- 6:00
WORD	Batavia, Ill.	275	6:00- 9:25	1:30- 9:00	Silent	6:00-11:45	6:00-11:00	7:00- 9:00	6:00-11:45
WOS	JeffersonCity, Mo.	440.9	Silent	5:00- 8:30	8:00-10:00	Silent	8:00-10:00	Silent	8:00-10:00
WPG	Atlantic City, N.J.	299.8	4:45-10:00	1:15- 9:00	4:45-10:00	4:45-10:00	Silent	4:45-10:00	4:45-10:00
WQJ	Chicago, Ill.	447.5	6:00- 2:00	2:00- 9:00	Silent	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00
WRC	Washington, D.C.	468.5	6:00-11:00	Silent	Silent	6:00-10:30	Silent	6:00-11:30	Silent
WREO	Lansing, Mich.	285.5	5:00-11:00	6:00- 7:00	5:00- 6:00	5:00- 8:15	5:00- 6:00	5:30-11:30	Silent
WRVA	Richmond, Va.	256	Silent	Silent	7:00-10:00	10:00-12:00	7:00-10:00	7:00-10:00	6:00-10:00
WRW	Tarrytown, N.Y.	273	6:00- 9:30	6:00- 9:30	7:00- 9:30	7:00- 9:30	7:00- 9:30	7:00- 9:30	7:00- 9:30
WSAI	Cincinnati, Ohio	325.9	6:00-11:00	6:45- 8:15	9:00-11:00	5:00- 9:00	5:45-10:15	6:00- 9:00	Silent
WSB	Atlanta, Ga.	428.3	8:00-12:00	7:30- 9:15	8:00-12:00	8:00-12:00	10:45-12:00	8:00-12:00	8:00-12:00
WSBC	Chicago, Ill.	209.7	5:30- 3:00	5:30-12:00	5:30- 6:00	5:30-12:00	5:30-12:00	5:30-12:00	5:30-12:00
WSM	Nashville, Tenn.	282.2	7:00-12:00	7:30- 9:00	6:30-11:00	10:00-12:00	6:30-12:00	Silent	6:30-11:00
WSMB	New Orleans, La.	319	9:30-11:30	Silent	9:30-11:30	Silent	9:30-11:30	9:30-11:30	Silent
WSUI	Iowa City, Iowa	483.6	Silent	9:15- 9:45	7:30- 8:30	Silent	7:45- 8:45	Silent	Silent
WSWS	Chicago, Ill.	275.1	5:00-10:00	5:00-10:00	Silent	5:00-10:00	5:00-10:00	5:00-11:00	5:00-11:00
WTAG	Worcester, Mass.	268	Silent	2:00- 8:15	5:00- 9:00	5:45- 9:00	5:40- 9:00	6:00- 9:00	6:15- 8:30
WTAM	Cleveland, Ohio	389.4	5:00-11:00	Silent	5:00-12:00	5:00- 6:00	5:00-12:00	5:00- 6:00	5:00- 6:00
WTIC	Hartford, Conn.	475.9	5:30-11:00	4:00- 9:30	5:50-11:00	Silent	5:30- 9:30	5:30- 6:30	5:30-11:00
WWJ	Detroit, Mich.	352.7	Silent	1:00- 8:15	5:00- 9:00	5:00- 7:00	5:00- 9:00	5:00-11:30	5:00- 9:00

STATIONS IN ORDER OF WAVE LENGTHS

Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call
209.7	WSBC	263	KENF	285.5	WEMC	336.9	WJAX	394.5	WLIT	468.5	WCAP
217.3	WOK	263	WBPI	285.5	WKAR	340.7	KFAB	394.5	WOAI	468.5	WRC
222	WCOA	265.6	WMAK	285.5	WREO	340.7	WKAQ	399.8	WHAS	475.9	WBAP
226	KFWI	266	WBCN	288.3	KFKX	340.7	WMCA	399.8	WHT	475.9	WTIC
226	WBBM	266	WGHB	288.3	WLWL	344.6	WCBD	400	PWX	475.9	WFAA
226	WIBO	268	KFH	293.9	KTBI	344.6	WLS	405.2	KHJ	480	CYL
229	KMMS	268	WTAG	293.9	WAIU	348.6	KOB	405.2	WOR	483.6	WOC
232.4	KFON	270.1	WEAN	293.9	WEAO	348.6	KWSC	406	WBAR	483.6	WSUI
236.1	WGBF	270.1	WGHP	296.9	KPRC	348.6	WEEI	410.7	CKAC	491.5	KGW
240	KFVE	270.1	WOI	299.8	KUOA	350	CZE	416.4	WCCO	491.5	WEAF
240	KTAB	272.3	KWKH	299.8	KSL	352.7	WWJ	421	KIAF	499.7	KFRU
240	WDBO	272.6	WBBR	299.8	WPG	356.9	CFCA	422.3	WLW	499.7	WMC
240	WOAX	272.6	WEBJ	302.8	WGN	356.9	CKCL	422.3	WKRC	502.8	KFQB
242	KSO	272.6	WFBH	302.8	WLIB	356.9	CKNC	428.3	WSB	508.2	KLX
242	WOOD	273	WRW	305.9	KTCL	361.2	KGO	428.3	KPO	508.2	WIP
244	WAMD	275.1	WHAD	305.9	WJAR	361.2	WHN	434.5	CNRO	508.2	WOO
246	WBAL	275.1	WHAR	309.1	KDKA	365.6	WDAF	434.5	CFCN	516.9	CJCA
250	KFXF	275.1	WORD	315.6	KFDM	365.6	WHB	434.5	NAA	516.9	WCX
250	WGES	275.1	WSWS	315.6	KPSN	370.2	WEBH	435	AT9	516.9	WJR
250	WMBB	275.3	WJAS	315.6	WAHG	370.2	WJJD	440.9	KLDS	526	WHO
252	KFWB	278	KOIL	315.6	WGBS	374.8	KTHS	440.9	WDWF	526	WNYC
252	KMA	278	KWWG	319	WGR	379.5	WGY	440.9	WOS	526	WOAW
252	WGCP	278	WCAU	319	WSMB	379.5	WHAZ	447.5	WMAQ	535.4	KYW
256	WRVA	278	WGBU	322.4	WJAZ	384.4	CKY	447.5	WQJ	535.4	WHA
258	WADC	278	WOQ	329.5	KOA	384.4	KJR	454.3	KFOA	545.1	KFUO
260.7	KFWA	280.2	KMOX	325.9	WSAI	384.4	WMBF	454.3	WJZ	545.1	KSD
260.7	KFJF	280.2	WNAC	333.1	WBZ	389.4	WEAR	455	KTW		
260.7	KWKH	282.8	WOAN	336.9	KNX	389.4	WTAM	461.3	WCAE		
260.7	WMAZ	282.8	WSM	336.9	KFMX	394.5	WFI	467	KFI		

"A STEP ON THE STAIRS"

(Continued from preceding page)

would have difficulties if I went to the village constable at Pelican Bay and told him my story. I thought I'd make sure.

"Before Peleg Turner started on his long cruise I always had the run of this house. Very few people knew about it because as Uncle Peleg had explained, he did not have many intimates. I used to play around here with John Carton when we both were little children. I kept coming over to see Uncle Peleg after John went away to college.

"On the night of the murder I ran over in my car from Portsmouth to ask Uncle Peleg when Johnny was coming home. The door was open so I walked in."

"You did not know then that Peleg Turner had brought his brother here and left on a long cruise?" asked Everett.

"I had heard that he was going on a cruise. He told me so in Portsmouth when he came up to say goodbye. But he had said something about going back to the house for a day or two. There was a chance that he was still at home. . ."

"Did you see Jeremiah Turner?"

"No sir . . . I never saw Jeremiah Turner. . . I walked into the house as I said and I was just about to call out when I heard strange voices in the huntroom.

"Two men were talking. I gathered that they had some sort of a job to do.

"'John Carton will be home from school tomorrow or next day,' one of them said. 'And if he sees Jeremiah Turner it will be too late then to make any substitution.'

I GOT down on my hands and knees and crawled to the hall door. It was dark in the hunt-room except for a little moonlight coming through that window over there. I saw some sort of a bundle on the floor.

"The second man spoke then. . . I thought his voice was familiar, but he spoke in whispers and I couldn't be sure.

"'You're sure this Carton kid never saw his uncle Jerry,' he asked. And the first man said, 'Not a chance. Jeremiah was brought back here from India. He's been over there fifteen years.'

"'Then,' the second man said. 'I guess you'd better solve your problem now.'

"'What about you?' the first one asked and the second laughed. 'It's your funeral,' he said. 'This is your gang and you can run it to suit yourself. But you didn't hire me to solve any puzzles. Me, I'm getting out of here right now.'

"Then there was a long silence. It puzzled me then. It kept puzzling me until tonight. I know now that the second man went out through the front door. I also know now that he was Milford Jones whose skull was fractured by Hari Singh."

"Where was Jeremiah Turner?"

"I'm getting to that . . . As I said, it was dark and I couldn't make out much of what was going on in the room. It never occurred to me that the bundle on the floor might be Uncle Jeremiah. I had only a vague sensation that something terrible was going to happen and when it did happen it was all so sudden that I couldn't move hand or foot. I just stayed in a daze.

"The first I knew of what was going on was when I heard quick footsteps on the floor and then a dull hammering and snapping sound. It wasn't until the bundle on the floor started to whimper that I realized. . . The man I had heard speaking about his problem was . . . hitting . . . Jeremiah Turner . . . on . . . the head . . . with a poker. . ."

The girl paused as horror brought the scene back to her.

"And that was all of it," she said. "I guess I fainted. The next thing I knew I heard a door slam. I screamed, but it was too late then . . . I was alone in the house except for Uncle Jeremiah and he was dead on the floor there."

"But what gave you your clew to the murderer?"

"A little cough. . . I shall never forget it. The murderer wheezed like a consumptive, while he was at his work. The sound was hardly audible, but it came to me above everything else. . . I knew that some day I should hear that sound again. Tonight I heard it . . . tonight when I was locked in this room with eleven persons I could not trust. I felt that I would go insane . . . I probably was hysterical and not responsible for what I did . . . But just after I had overturned the light and started to steal John Carton's letter I heard that sound in my ear and I caught hold of a hand. . . The first time I got the wrong hand. . . The second time I was more sure of myself and I put the mark where it belonged. . ."

Then without warning the girl went white and pitched forward to the floor beside the murderer.

"She's fainted," said Everett.

"I guess she's got a right to faint if she wants to," observed Tolliver.

"She certainly has," promptly declared Aunt Helen. "She certainly has . . . The dear sweet girl . . . To think of her goin' through all that, an' her just a little slip of a thing like that. . ."

THE guests were gone. John Carton and Mary Williams sat side by side on a divan of Spanish leather while Hari Singh stirred a new fire on the hearth. The pair sat quietly until the soft footed Hindu had departed.

"And so that ends it," said Mary wear-

(Continued on page 28)

Let's Bury the Demon Static

MANY Fans, We Venture to Say, Do Not Know that It Is Perfectly Feasible and Practical to Bury an Antenna, According to the Rules Given Here, and Be Happy All Summer Long

By MILO GURNEY

WITHIN the last few months, several experimenters have taken an unusual interest in the subject of antennas. Such experiments followed the publication by Radio Digest of articles upon underground antennas, by such men as Dr. J. Harris Rogers, George Guyer and Edward T. Jones. The immediate result of these articles was the development of an army of experimenters who installed the types suggested by these men. If the scheme worked it was good, if it didn't, then it was a failure; but out of the maze came the evidence that thousands were interested.

Realizing the problem was one which should be approached with an added thoroughness and that success could only be attained through having a great many experimenters scattered throughout the United States the following plan was devised:

Radio Digest will attempt to supply through its columns at regular intervals all of the information now available upon underground receptors together with other types worthy of trying. In addition, it will suggest constructional ideas for experimentation, together with excerpts from experimenters' reports as received.

Success Depends on Reports

It is obvious that the success to be obtained is entirely dependent upon the number of readers who will assist in making the experiments. This therefore, is an invitation to all who will help, to forward their names and addresses to the Technical Editor. We desire to secure co-workers from every state in the Union, as the study will cover soil, climatic and all conditions which may have a bearing upon the subject.

While these experiments will, in a large measure cover the subject of underground antennas, the primary object will be to limit, so far as possible, the influence of static. Therefore, suggested experiments covering antennas with other locations than underground will be studied.

An intensive effort has been made to collect data upon many types of underground aerials. There are a great many experimenters who have done research along this line and correspondence covering the application of their ideas, together with the results obtained, is likewise solicited in order that it may be passed on to others.

Localities Differ

In order to acquaint those who were unfortunate in not having followed the able articles of the gentlemen mentioned above, a resume of their work will be offered, together with the results obtained in their localities. It must be borne in mind that the results in each instance apply only to the locality of the installation and are likely to vary in other locations according to the moisture content of the earth.

Mr. Guyer's most satisfactory reception was had from an installation following that pictured in figure 1. This consisted of two lengths of No. 14, 7-strand insulated copper wire, each 50 feet long and coiled about 4 feet apart and approximately 4 feet underground. Laying the wire in solenoid or circular form and spacing each turn one above the other with half inch separations, the finished inductance, in Mr. Guyer's locality, left little to be desired. The spacing of the turns was accomplished by filling in with soil as each layer was placed. After completion, the ground was thoroughly soaked in order that a good moisture content might be secured.

We repeat Mr. Guyer's original description of the results he secured from this novel installation, in the belief that many will desire to use it for their first experiment:

Joy to Operate

"Many tests have given me the expected volume and the elimination of the water pipe disturbance and also proved that this last coil works equally well interchangeably with the first on either the antenna, or ground post of the set. I now have a real underground antenna system which is a joy to operate. If you desire similar results be careful to follow instructions in installing your underground system.

"General results are satisfactory beyond my expectations. The volume is splendid. I obtained clear, distinct, resonant and fluidic reception, entirely free from the gaseous, atmospheric conditions led into the set through the usual aerial antenna or loop, but not entirely free, at particular times which you will discover, from those other hindrances and disturbing factors heretofore pointed out.

A Remarkable Reception Record

"All my tryouts in the experiments have been made with my super-heterodyne. It occurred to me that my fine reception might be due, at least in part, to the radio frequency feature of the set, and that a set without such feature might not give such satisfactory results. I borrowed a three tube set—detector and two stages of audio frequency amplification which I had built for another party, with which to give this antenna equipment a tryout. The set used 201A tubes throughout with 90 volts on the plate. I first tested out static conditions through the aerial antenna. Static was overwhelming, rendering reception intolerable. I hooked the set to the underground antenna and turned the tuning dial.

Volume and Clarity

"To my utter astonishment and joyful surprise fluidic music coming from the studio of WSAI at Cincinnati, filled the loud speaker, which was plugged into the last stage, with enough volume to be heard in the third room from the one in which the set was operating. Without moving a dial I plugged the loud speaker into the first stage of amplification. Volume was still great enough to fill the second room from the set. I now plugged the loud speaker into the detector jack. The music came quite pianissimo, but clear and sparkling as a winter solstice night, and could be plainly heard throughout the room in which the set was operating. As I was experimenting I now took off the loud speaker and plugged in the head phones just to see how many distant stations I could tune in, with the detector alone.

"At this sitting I tuned in WLS, WLW, WCBD, WMAQ, KDKA, WREO, WWJ, WCCO, KFI, KHJ, KNX, WGN and KYW. This convinced me that the underground antenna system herein described will work well with any receiving set—provided it is a real receiving set. The distance from the point of operation to the various stations above named will range from 900 to 1,900 miles."

Editor's Note.—Mr. Gurney's second article of this interesting series will reveal an additional experiment in conjunction with Mr. Guyer's underground aerial.

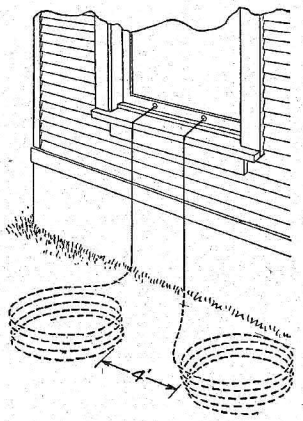


Figure 1. One of the most simple and effective methods of installing an underground antenna is described by Mr. George Geyer and pictured above. One need not dig up the whole yard for this first experiment.

How About You?

HAVE you had experience with an underground aerial? If it was successful what did you learn about it? We wish to gather together all the information possible concerning experiments on the underground aerial for broadcast reception.

We know that the underground antenna system is a great static reducer. However, there are hundreds of variations one may make in the installation of such an antenna. Some of these have proven themselves superior to others—for given localities, climates and types of soil.

If you have experimented with this type of reception, drop Mr. Gurney a note telling all about it.

There are other methods of improving summer Radio. If you, by study or good fortune, have learned of some system or trick to deliver the music better in the warm months, consider yourself also invited to correspond with Mr. Gurney.

—THE EDITOR.

"HIGH-BROW" AND PROUD OF IT

(Continued from page 7)

Naturally early experimenters with voice transmission were quick to see the possibilities of the improved pickup device that the new carbon presented and in 1910, under the direction of Mr. Turner, the operas "Cavalleria Rusticana" and "Pagliacci" were broadcast from the stage of the Metropolitan Opera House. Possibly an audience of 200 experimenters and scientists picked up this broadcast, which clearly demonstrated the improved efficiency of the new microphone over all preceding devices. Today, should the same broadcast privilege be granted a total of 20,000,000 people could hear these famous operas. And while the Metropolitan Opera today refuses to allow its operas to go out on the air, it set a precedent way back in 1910.

Builds Hollywood Station

For the next fifteen years following the broadcasting of these operas, K. M. Turner did not again experiment with Radio transmission, being too deeply engrossed in the manufacture and sale of the acousticon and dictograph. In the spring of 1925, however, then living in Hollywood, California, he decided that Radio had finally emerged from the chrysalis stage and that the time had come when someone should step in and show the way for the Radio station of the future. Several wealthy Los Angeles men were interested in this station that would be different and proceeding slowly, a homemade 50-watt station was put on the air to test the theories of its founders.

It developed immediately there was a large audience ready and anxious to listen to the kind of entertainment KMTR was furnishing, so a 500-watt Western Electric transmitter was installed in the little building on North Wilton Place, Hollywood, and KMTR set out to find its place in the air. After the station was on the air eight months and running smoothly, K. M. Turner stepped out. Nearing 70 years of age, he felt younger men should control this young industry, Radio.

Selects Philharmonic Stars

Briefly, that is the story of KMTR. Those living within reach can tune to 238 meters any evening except Sunday, between the hours of 8 and 10 p. m. Pacific time, with a certainty of hearing first-class concert music played by the KMTR concert orchestra, an organization of first chair men of the Los Angeles Philharmonic orchestra led by Loren Powell, first violin of that famous orchestra. The KMTR concert orchestra plays concert music only, and to enable listeners to know exactly what selections will be played on any one night, detailed programs for one month in advance are mailed to a large audience. The station is non-commercial, that is, does not put on programs for toll and the expense is borne by several well-known Los Angeles business men who do not wish their names mentioned.

Carlton King, or "Dad" King as he is known, is the announcer and studio manager of the station. He fits the part. An actor of considerable experience he was in charge of the Navy club in New York, during the World War and later directed and produced motion pictures for his own company. His popularity with the Radio audience is shown by the success of his Morning Family Circle which goes on the air daily at 9 a. m.

Possibly the biggest feature of KMTR, and undoubtedly the biggest with the children, is the home hour broadcast from 5 to 6 p. m. daily except Saturday and Sunday. The home hour is presided over by Georgia Simmons, or Mammy Simmons as she is known to everyone. A real Southerner from the South, an experienced story teller to the children, her hour at KMTR was a big success from (*Continued on page 28*)

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Nice Weather We're Having

WE HAVE been doing an unusual amount of listening of late, chiefly, we believe, because the Radio weather has been so consistently good. So opens many a conversation in which the participants become embroiled in a competition of telling the biggest ones. However, we shall not start such a Radio story contest.

Of course, a spell of good reception is due us, for January, February, and even March, certainly fell very far short of expectations. Perhaps the order has been so far reversed that we may have good listening even through June. Sun spots, the weather, atmospherics and Radio range are peculiar things.

Wonder how you listen in. When we decide to stay home and enjoy a Radio evening, we follow a set procedure. Early in the evening we tune in KDKA first, then WOC. If these two come through loud and clear, with a low static-to-signal ratio, then we are assured we can cruise the country and hear what we desire. Time enough then it is to study the programs.

We find the columns of this publication unusually helpful here. We read the "headliners today" and check those in which we are interested. If not particularly interested in the headliners, we go further and read through the detailed programs to find where and when our best-liked entertainers are broadcasting, or where our favorite type of music, talk or other entertainment is to be found. Then we plan our evening by the clock.

Our receiver has been carefully logged. If, when we set the dials, the station does not come through with volume and good quality, we can only blame nature for some trick to shut the station out. We don't blame the receiver once WOC and KDKA have come through clearly.

We wonder how it was possible for us to get along without a set not so many years ago. We feel a personal interest in artists we have never seen, in cities we have never visited, in topics discussed over the air which would not interest us in print.

Here we are—talking about something foreign to the good Radio weather we began to talk about. But most conversations start with the weather, and we hope the present brand of it continues.

Plant Your Garden Antenna Early

ABOUT this time of the year the wife hands you a spade and tells you to go out and dig up the ground for a garden, pardon us, THE garden—wherein many beautiful examples of the gardener's art are supposed to grow and attempt to live up to the pictures of themselves on the seed packets.

Some of us get a kick out of digging in the garden. Others of us, however, are more inclined to tinker with the Radio set, booh at a baseball game, crawl under and overhaul the flivver, or yell, "Fore," as we swing away at a small white sphere resting on a cone of sand. To the second class mentioned, which includes many in the other classes named, we submit this excellent suggestion to be used for what it is worth, providing of course, your wife insists that you dig that garden.

First read the article in this issue on the subject of underground antennas. Take it from us that they are good. They reduce summer static outbursts to their proper place in the order of things. Radio Digest first discovered that Dr. J. Harris Rogers had produced working underground antenna which would reduce the static ratio and increase the chances of you hearing programs without your ear drums being burst. And Radio Digest is again recommending it to you.

Next take the spade your wife gives you and dig the garden and the hole for the underground antenna. Of course, the third and most logical step is to plant the garden and the antenna. However, we would mark this point of difference:

The garden may not come up to your expectations, but the underground antenna will make up for this deficit by supplying you with good Radio programs all summer long.

RADIO INDI-GEST

Your Presence

Last night my heart was sore oppressed with gloom
And in the quiet of the room
I sat in loneliness and wept.
And as the stealthy silence 'round me crept,
I turned to the Radio to bring me cheer
And to hear the voice I love so dear.
My aching heart was breaking with despair
When lo, I sensed your presence in the air.
I listened for the words you often say,
But you came not to talk, nor long to stay;
I wept no more, and reaching for your hand
Again I felt your magic—the power to understand.
You softly pressed your cheek against my face,
Then quickly left me, drifting into space.
But waking suddenly, my heart was stirred
By a dream more eloquent than any work.

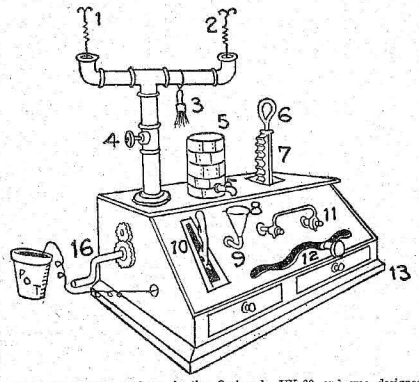
"THAT RED HEAD GAL"

Choose Your Weapons, Gentlemen

Dear Indi: Why this eternal controversy? Can't you settle it? Suggest you get the Third Trombone Player and Dielectric in Webster Arena, Pabst Park, and let them have at it with seven syllable words and pewter steins. And let the best man brag about it.

PETE PETITE

Silly Circuits



Dear Indi: This hook-up is the Orphanola UV-29 and was designed after listening to several experts discuss, argue and lecture on the subject of Radio during office hours in an engineering department. It is Dalen's circuit. The parts follow: 1, Antenna and impedance checker; 2, low loss feature; 3, tickler; 4, valve to regulate frequency currents; 5, standpipe for static head; 6, push pull unit; 7, rack to produce straight line reception; 8, grid leak; 9, feed back; 10, station puller; 11, shafts connected so one-armed man can operate; 12, wave length producer; 13, concrete base for testing tubes; 14 and 15 shown in figure 2; 16, gears for changing diameter of coils; pot at left contains ground.

JOHN J. SCHNEIDER

Silent Night

'Tis Silent Night with me tonight,
I sit and read and smoke
And listen to the family talk
And hear them laugh and joke.
I do not turn and twist the dials
And DX try to get—
I do not cuss my neighbor
With his blooping super-het.
I do not fuss and fume and roar—
Just let the bloopers blop.
For silent is the night for me—
My battery's in the shop!

OLD KING TUTT

Tuned Himself Out

Dear Indi: With the aid of Sir Oliver Lodge and Sir Conan Doyle, I have just pulled off an interview with the spirit of the first Englishman ever to commit suicide with the aid of his Radio.

He never tuned in to jazz, only to music. When the latter came along it happened to be Mendelssohn's "Funeral March." Struck by the majestic beauty of the piece and feeling that it was being played in vain, he heroically gave his life as a sound reason for the broadcast.

LONDON BOBBY

Radio Rhymes

There, little crystal set,
Don't you cry—
You'll be a het'rodyne
Bye-an-bye!

SANTA FE BALDY

Might Freeze You Out

Fairice alaska.

Edator Indi: I got a lettr from the Patnt dept. of U. S today and he said they was getting the final papers out on my ice mashine. I have been offrd some Florida property for it but I aint as dumm as I look. One man has offrd me ½ interst in Ellis Island, just off New York harbour. I am going to think it over. He sais he gets lots of money out of it, renting rooms to forenurs. I think it would be a good trade, don't you?

Always as ever

KITTLE DRUMMER

FRANQUE FILOSOFEE

He Who Lies Last, Lies Best.

INDI

Police Protection

Condensed

BY DIELECTRIC

Sport fans are at last furnished from headquarters with the first-hand news of events in the ring, etc., which call forth the enthusiasm of excited crowds at the ringside. We may not "see" all the big fights as they are staged in the arena at Madison Square Garden, New York, but surely enough "good" fights will be pulled to make us grateful for the broadcasting by Tex Rickard from Station WMSG. The initial program featured some speakers of national fame and music equal to most that is heard nowadays. Announcement was made that this new station will aim to foster and develop interest in sporting events of all sorts. Ringling circus miked pretty well.

Station WNAC, Boston, presented a concert orchestra program the other evening which was a delight to anyone interested in this class of music. Selections were chosen that gave free play for individual voices in the orchestra to be heard in a kind of obbligato effect. After listening a long time to numbers allowing no such variation, it is refreshing to hear a flute, oboe, clarinet, French horn or tuba carry the theme above the accompanying instruments. It isn't necessary to choose "heavy" numbers for such presentation.

Another community concert proved satisfactory when Station WCCO, Minneapolis-St. Paul, staged one recently. It compared very favorably with those better known to the Radio public because of more frequent presentation and included instrumental selections well rendered. Somehow there is a feeling of informal fellowship when tuned to a community affair. It proved a good innovation.

Now the lovers of Hawaiian melodies must have their fill since Station WBAP, Fort Worth, had the good luck to present the Panther Hawaiian trio to their Radio audience. That doesn't mean that they wouldn't want to come back for more of the same entertainment, for they undoubtedly would, but merely to say how enjoyable it was.

An acceptable studio recital program was presented from Station WJR, Detroit, at least, it may have been liked by most listeners throughout. At any rate, one of the features had a lot to commend itself, and that was the quartet which sang with the sole intent to make friends of those tuned in. If there is lacking an unrestrained volley of encomiums, lay the fault at the door of an interfering station because of which the reception was nearly ruined.

Speaking of operations, the Evanston hospital will find itself flooded with applicants for admission following that concert by their nurses glee club a short time ago. Paradoxical as it may be, the really fine work of this glee club made many invite sickness just to be where those voices could be tuned in by pushing a buzzer. How else may the character of their ensemble singing be eulogized so emphatically. Our thanks to Station WEBH, Chicago.

Station WHT, Chicago, puts on a popular music feature which may appeal to many listeners. The best way to describe it to you is to suggest looking up their schedule and trying it out for yourself. I hope you'll like it, as the leader of one of our popular orchestras playing Bach fugues exclusively expresses his desire for approval.

SABBATH SHOULD BE MOTHER'S REST DAY

SIMPLE DINNERS ALLOW MORE LEISURE TIME

Careful Planning and Some Preparation Beforehand Will Make Sunday More Enjoyable for Housewife

Have you heard, and do you regularly listen for Betty Crocker's Radio talks? Miss Crocker is nationally known as a home food specialist who is broadcasting from a dozen of the country's largest stations. By special arrangement Radio Digest has secured a series of exclusive articles by Miss Crocker dealing with her current Radio talks. These broadcasts are made through WEEI, WEAF, WCAE, WGR, WEAR, WWJ, WDAF, WJAR, WHT, WFI, KSD. KFI, and WCCO, the Gold Medal station at Minneapolis-St. Paul. All of Miss Crocker's recipes and discussions are based upon actual investigations and work of herself and her assistants in model kitchens.—Editor's Note.

WE IN America take great pleasure in promoting movements. We organize campaigns to improve child health and to conserve our natural resources. We have safety week, clean-up-week, and swat-the-fly week; we seem to be organized to do almost everything, but there is one movement I should like to organize and that is a campaign to make Sunday a day of rest for Mother.

We have traveled a long way from the strict observance of the Sabbath, which necessitated the preparation of all the food the day before. In most homes, Sunday is now more or less of a feast day. There are a number of reasons why we like to have the Sunday dinner unusually nice. It may be the only opportunity for all of Cousin John's family to have dinner with all of our family, and even though we do not have company, it is an enjoyable meal because we have time to eat and enjoy the food and each other.

By careful planning and some preparation beforehand, it is entirely possible to have a nice dinner even for guests and yet to prepare it with a minimum of time and effort. It may necessitate fewer courses and simpler food in place of the elaborate dishes requiring much preparation, but if the dinner is daintily served, the table arranged attractively, and Mother herself rested and happy, the dinner will be as festive as any one could wish.

Whatever your cooking equipment, meat that is broiled or cooked in the frying pan requires less time for cooking, but demands more attention at a time when you are preparing many other things. You must decide which is easier for you—a roast or a baked meat requiring long cooking or a steak or chops requiring shorter cooking but more attention.

Prepare Vegetables Day Before

It is an advantage to have the meat and vegetables combined in a casserole. If the vegetables are prepared the day before it takes only a short time to prepare the casserole right after breakfast. It will require no further attention until dinner time. I have a very good recipe for braised beef which requires about four hours baking. The vegetables may be cooked with the beef so that the main part of your dinner is ready when the meat is done. This is the way we prepare brazed beef in the Gold Medal Flour kitchen:

Three pounds beef from the rump or lower round, Gold Medal flour, salt and pepper, 2 thin slices of salt pork, ¼ cup diced carrots, ¼ cup diced onions, ¼ cup diced celery, 3 cups boiling water.

Method: Wipe the meat with a damp cloth. Dredge with flour. Sprinkle with salt and pepper. Fry out the pork and sear the entire surface of the meat in the hot pork fat. Place meat on a rack in a roaster or baking dish. Surround with diced vegetables. Add boiling water. Cover tightly and bake in a slow oven, 300°F, about 4 hours. When done, remove meat to a hot platter. Strain out the vegetables and make a thickened gravy of the remaining liquid. The amount of vegetables here given is sufficient only to add flavor to the meat. If you wish to have enough vegetables to serve with the meat, add a larger quantity of any kind you prefer and if necessary use more water to thoroughly cook the vegetables.

Baked Ham Good Oven Dinner

Another good suggestion for an oven dinner is to bake a slice of ham with raw sliced potatoes over the top. Pour milk over the ham and potatoes and bake in a slow oven as you would escalloped potatoes. Spinach goes well with the baked ham and potatoes for an extra vegetable.

A roast is as convenient as any other meat for Sunday and if the potatoes are browned in the roaster you have only the gravy to make the last few minutes before serving. For another vegetable, with the roast and browned potatoes, string beans may be heated with butter in the oven during the last few minutes of your dinner preparation or you may serve carrots which have been cooked the day before and require only a few minutes for reheating.

Meat loaf is always good. It may be prepared the day before or put on to bake early, or it may be baked on Saturday and reheated for Sunday dinner. With meat loaf, baked potatoes are convenient and perhaps another baked vegetable such as baked squash or corn. Or you might serve buttered or sour beets with this dinner. The beets may be reheated in the double boiler the last few minutes before serving.

A leg of lamb with mint sauce is another good suggestion. With this serve creamed potatoes or peas or a green salad.

Meat Balls Convenient

One of the most convenient quick meats is meat balls cooked in tomato sauce. Buy round steak and have it ground, or if you like, buy the regular hamburg which is already ground. Shape the balls and sear them in hot fat. After they are well browned and partly cooked, pour over a can of tomato soup and let simmer slowly until done. Since the tomato soup does not require thickening and is already seasoned, it saves the time necessary to make a sauce or gravy. With the meat balls you could serve rice or macaroni and perhaps a hot slaw or a simple cabbage salad.

For dessert, fresh fruit with cake or cookies attractively served is quite as acceptable as any elaborate dessert. Plain sliced oranges or grapefruit or any fresh or canned fruit may be used, dressed up with a bit of red jelly or a cherry. Whipping cream for dessert means another last minute task. Many fruits and puddings are equally delicious served with thin unwhipped cream or a custard sauce.

ANOTHER WOMAN IS PROGRAM DIRECTOR

Mme. J. S. Pamplin

SAINT PETERSBURG, Fla.—Radio has opened new occupations to women, and Station WIBC here is demonstrating that they can be successful in these new positions, for Mme. Jessie S. Pamplin is program director of the "Sunshine City" broadcaster. When WIBC went on the air, they looked about and found in their own city this remarkable woman. She was conducting a vocal studio, but volunteered to take on the new work. As artist, teacher and cach, Madam Pamplin is one of Florida's leading musicians. Her accomplishments as a linquist are also notable. She speaks five languages and sings six others.

Radio Club Notes

A superpower line, carrying 60,000 volts through northern New York, was found to be the source of interference experienced by Radio listeners in that section. In addition to the power line trouble, federal Radio inspectors found that poor rail bonding, also shade trees touching and grounding the primary of the distribution system of the electric light lines was responsible for added interference. Following an exhaustive test by representatives of the local Radio club and officials of the companies interested, suggestions for the elimination of the trouble were adopted.

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Here is good news for those living "out where the tall corn grows". The engineering department of the Iowa State Agricultural college, Ames, Iowa, have outlined a plan to pass judgement upon all types of Radio receivers sent them. The service will be furnished at cost.

Phone Wires Link KHQ to KJR

SEATTLE, Wash.—For the first time in the northwest several broadcasting stations, KJR at Seattle and KHQ at Spokane, were tied in simultaneous line for an experiment to send out the weekly program of the Keep Joy Radiating Order from their Belfry at KJR. Firms sponsoring the programs were delighted with the increased publicity resulting as noted by the hundreds of telegram and telephone calls received. Other northwest stations plan to join hands.

WOMEN'S PROGRAMS INDEX

Saturday

Atlantic	Eastern	Central	Mountain	Pacific
10:30 a.m.	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc) Tonight's dinner.

12 n.	11 a. m.	10	9	8

WEAO (293.9m-1020kc) Housekeepers' half hour.
WEAR (389.4m-770kc) Home service talk.
WHT (309.8m-750kc) Women's club, Jean Sargent.
WGN (302.8m-990kc), Household hints.
WQJ (447.5m-670kc), Home Economics program; May 1, "Fish Salads."

12:30 p.m.	11:30	10:30	9:30	8:30

WGN (302.8m-990kc), Home Management period.

12:35	11:35	10:35	9:35	8:35

KYW (535.4m-560kc), Table talk.

2	1	12 n.	11	10

KGW (491.5m-610kc), Household helps, shopping guide.
KMA (252m-1190kc), Domestic science topics.

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc), Garden talk.

6	5	4	3	2

KMOX (280.2m-1190kc), Housewives' hour.

Monday

Atlantic	Eastern	Central	Mountain	Pacific
10:30 a.m.	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc), Tonight's dinner.

10:45	9:45	8:45	7:45	6:45

WTAG (268m-1120kc), Marjorie Woodman, nurse.

11:50	10:50	9:50	8:50	7:50

WMC (499.7m-600kc), Home economics discussion, Miss Kitty.

12 n.	11	10	9	8

WEAO (293.9m-1020kc), Housekeepers' half hour.
WEAR (389.4m-770kc) Home service talk.
WHT (309.8m-750kc) Women's club, Jean Sargent.
WQJ (447.5m-670kc), Home economics program, May 3, "Bananas." "More About the Psychology of Children."
WSWS (275.8m-1090kc), Style shop.

12:30 p.m.	11:30	10:30	9:30	8:30

WEBH (370.2m-810kc), Fashion and household talks.
WGN (302.8m-990kc), Home Management period.
WTIC (475.9m-630kc), Housewife's forum.

12:35	11:35	10:35	9:35	8:35

KYW (535.4m-560kc), Table talk.

12:45	11:45	10:45	9:45	8:45

WCCO (416.4m-720kc), May 3, "Nature's Spring Tonic," Betty Crocker. WDAF (365.6m-820kc), WHT (309.8m-750kc), WJAR (305.9m-980kc), Home service talk, Betty Crocker.

2	1	12	11	10

WSOE (245.8m-1220kc), Ladies' hour.

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc), Garden talk.

2:30	1:30	12:30	11:30	10:30

WGY (379.5m-790kc), Cooking lesson, Jessie Lane. "The Health of the Child."

3:30	2:30	1:30	12:30	11:30

KFNF (263m-1140kc), Mothers' hour.

4	3	2	1	12

WCCO (416.4m-720kc), Women's hour.
WSOE (246m-1220kc), Cooking chats.
WTIC (668.2m-560kc), Market hints for housewives.
WJZ (454.3m-660kc), "Your Daily Menu."
WQJ (447.5m-670kc), May 3, "The Care of the Hair and Skin."

4:25	3:25	2:25	1:25	12:25

WJZ (454.3m-660kc), Shopping service.

5	4	3	2	1

WOC (483.6m-620kc), Home management schedule, Aunt Jane.

5:15	4:15	3:15	2:15	1:15

KYW (535.4m-560kc), Meat talk, John Cutting.

6	5	4	3	2

KMOX (280.2m-1070kc), Housewives' hour.
WRC (468.5m-640kc), Housekeepers' half hour.

Atlantic	Eastern	Central	Mountain	Pacific
10 p. m.	9	8	7	6

WHA (536.4m-560kc), "Six Years Old—What Preparation for the First Year of School," Edith Hoyt.

10:05	9:05	8:05	7:05	6:05

KFAB (340.7m-880kc), May 17, "Can You Can?" Jessie Greene.

1:15 a.m.	12:15	11:15	10:15	9:15

KGO (361.2m-830kc), "Character Training in the Home," E. Anderson.

Tuesday

Atlantic	Eastern	Central	Mountain	Pacific
10 a. m.	9	8	7	6

WIP (508.2m-590kc), Menu, Anna Scott.

10:30	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc), Tonight's dinner.

11	10	9	8	7

KDKA (309.1m-970kc), Domestic Science. Arts for the Housewife.

12 n.	11	10	9	8

WEAO (293.9m-1020kc), Housekeepers' half hour.
WEAR (389.4m-770kc), Home service talk.
WHT (309.8m-750kc), Women's club, Jean Sargent.
WMCA (340.7m-880kc), Home Makers' hour.
WQJ (447.5m-670kc), Home economics, May 4, "The Large Hat." "May Flowering Tulips." Pep exercises.

12:30 p.m.	11:30	10:30	9:30	8:30

WEBH (370.2m-810kc), Fashion and household talks.
WGN (302.8m-990kc), Home Management period. May 4, "A Trip Through a Department Store Kitchen."

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc), Garden talk.

3	2	1	12	11

WGY (379.5m-790kc), Women's club.

4	3	2	1	12

WIP (508.2m-590kc), Menu talk.
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath.
WQJ (447.5m-670kc), May 4, "Yellowstone National Park." "Children's Clothes."

4:15	3:15	2:15	1:15	12:15

WHO (526m-570kc), Recipes, household hints.

4:30	3:30	2:30	1:30	12:30

WLIT (394.5m-760kc), Household helps and hints.

5	4	3	2	1

WOC (483.6m-620kc), Home management schedule.

6	5	4	3	2

KMOX (280.2m-1070kc), Housewives' hour.

6:30	5:30	4:30	3:30	2:30

KOA (322.4m-930kc), Housewives' matinee.

7:15	6:15	5:15	4:15	3:15

KOA (322.4m-930kc), Culinary hints, Clara Hoover.

7:45	6:45	5:45	4:45	3:45

WPG (299.8m-1000kc), Fashion Finishes.

9:30	8:30	7:30	6:30	5:30

KGO (361.2m-830kc), As a Woman Thinketh.

Wednesday

Atlantic	Eastern	Central	Mountain	Pacific
10:30 a. m.	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc), Tonight's dinner.

10:45	9:45	8:45	7:45	6:45

WEAF (491.5m-610kc), WFI (394.5m-760kc), Gold Medal service talk, Betty Crocker.
WTAG (268m-1120kc), Talk to Housewives, Mrs. Lydia Flanders.

12 n.	11	10	9	8

WEAO (293.9m-1020kc), Housekeepers' half hour.
WHT (309.8m-750kc), Women's club, Jean Sargent.
WQJ (447.5m-670kc), Home Economics program. May 5, "Child Welfare Talk." "Springtime Is Cleaning Time."

12:30 p.m.	11:30	10:30	9:30	8:30

WEBH (370.2m-810kc), Fashion and Household talks.

Atlantic	Eastern	Central	Mountain	Pacific
12:30 p.m.	11:30	10:30	9:30	8:30

WGN (302.8m-990kc), Household management period.

12:35	11:35	10:35	9:35	8:35

KYW (535.4m-560kc) Table talk.

12:45	11:45	10:45	9:45	8:45

WCCO (416.4m-720kc), "Come Out of the Kitchen," Betty Crocker.
WDAF (365.6m-820kc), WHT (309.8m-750kc), WJAR (305.9m-980kc) Home service talk, Betty Crocker.

1:30	12:30	11:30	10:30	9:30

WSUI (483.6m-620kc), May 12, "Dietaries."

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc), Garden talk.

4	3	2	1	12

WCCO (416.4m-720kc), Woman's hour.
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath. Fashion talk.
WLW (422.3m-710kc), Cooking school.
WQJ (447.5m-670kc), "Sandwiches."

5	4	3	2	1

WMAQ (447.5m-670kc), Recipes.
WOC (483.6m-620kc), Home management schedule, Aunt Jane.

6	5	4	3	2

KMOX (270.2m-1070kc), Housewives' hour.
KOAC (280.2m-1070kc), Housekeepers' half hour.
WRC (468.5m-640kc), Housekeepers' half hour.

7	6	5	4	3

KGO (361.2m-830kc), "Hints for Housekeeper."

8	7	6	5	4

KLX (508.2m-590kc), Woman's hour.
KMA (252m-1190kc), Domestic science talk.

9:15	8:15	7:15	6:15	5:15

KDKA (309.1m-970kc), May 5, "Selection of Roofing Materials."

11:30	10:30	9:30	8:30	7:30

KOAC (280.2m-1070kc), May 5, "Every Child—How Parental Affection Moulds the Child's Personality." May 12, "Bacteriology of Food Production."

Thursday

Atlantic	Eastern	Central	Mountain	Pacific
10:30 a.m.	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc), Tonight's dinner.

10:45	9:45	8:45	7:45	6:45

WTAG (268m-1120kc), Marjorie Woodman, nurse.

11	10	9	8	7

WEAF (491.5m-610kc), Talks, cookery lecture.

11:50	10:50	9:50	8:50	7:50

WMC (499.7m-600kc), Home economics discussion, Miss Kitty.

12 n.	11	10	9	8

WEAO (293.9m-1020kc), Housekeepers' half hour.
WEAR (389.4m-770kc), Home service talk.
WHT (309.8m-750kc), Women's club, Jean Sargent.
WQJ (447.5m-670kc), Home Economics. May 6, "Feet and Their Problems."

12:30 p.m.	11:30	10:30	9:30	8:30

WEBH (370.2m-810kc) Household and fashion talks.
WGN (302.8m-990kc), Home Management period. May 6, "A Trip Through a Kitchen on a Lake Steamer."
WOI (270m-1110kc), Talks.

12:35	11:35	10:35	9:35	8:35

KYW (535.4m-560kc) Table talks.

2	1	12	11	10

WGY (379.5m-790kc), "The Money We Need Before Marrying."

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc) Garden talk.

4	3	2	1	12

WJZ (454.3m-660kc) Your Daily Menu, Mrs. J. Heath.

Atlantic	Eastern	Central	Mountain	Pacific
4:15 p. m.	3:15	2:15	1:15	12:15

WJZ (454.3m-660kc) "Wall Paper, Room by Room." A. Fillebrown.
WQJ (447.5m-670kc), Home Economics, Helen Downing.

5	4	3	2	1

WOC (483.6m-620kc) Home management schedule, Aunt Jane.

6	5	4	3	2

KMOX (280.2m-1070kc) Housewives' hour.
KOAC (280.2m-1070kc) Housekeepers' half hour.

6:30	5:30	4:30	3:30	2:30

KOA (322.4m-930kc) Housewives' matinee.
WCCO (416.4m-720kc) Women's club program.

7:15	6:15	5:15	4:15	3:15

KOA (322.4m-930kc) Culinary hints, Clara Hoover.

10	9	8	8	7

KUOA (399.8m-1000kc), May 6, "Science for Young Children." May 13, "Plumbing in the Small House." "The Nursing Mother."

Friday

Atlantic	Eastern	Central	Mountain	Pacific
10:30 a.m.	9:30	8:30	7:30	6:30

WWJ (352.7m-850kc) Tonight's dinner.

11	10	9	8	7

KDKA (309.1m-970kc) Domestic science and Arts for the Housewife.

12 n.	11	10	9	8

WEAO (293.9m-1020kc) Housekeepers' half hour.
WHT (309.8m-750kc) Women's hour, Jean Sargent.
WQJ (447.5m-670kc), Sunday dinner menu.

12:15 p.m.	11:15	10:15	9:15	8:15

KYW (535.4m-560kc) Meat talk.

12:30	11:30	10:30	9:30	8:30

WEAR (389.4m-770kc), WJAR (305.9m-980kc), Betty Crocker's Home service talk.
WEEI (370.2m-810kc) Household and fashion talks.
WGN (302.8m-990kc), Home Management period.

12:35	11:35	10:35	9:35	8:35

KYW (535.4m-560kc) Table talk.

12:45	11:45	10:45	9:45	8:45

WCCO (416.4m-720kc), WHT, (309.8m-750kc), WDAF (365.6m-820kc), May 7, "For the Cookie Jar." Betty Crocker.

2:20	1:20	12:20	11:20	10:20

WGBF (236.1m-1270kc) Garden talk.

2:45	1:45	12:45	11:45	10:45

WOAW (526m-570kc) Sunshine Sunday dinner menu.

4	3	2	1	12

WJZ (454.3m-660kc) "Your Daily Menu," Mrs. J. Heath.
WQJ (447.5m-670kc), Home Economics.

4:15	3:15	2:15	1:15	12:15

WHO (526m-570kc) Recipes, household hints.

4:25	3:25	2:25	1:25	12:25

WJZ (454.3m-660kc) "Solving Candy Problems."

5	4	3	2	1

KYW (535.4m-560kc) Woman's hour.
WOC (483.6m-620kc) Home Management, Aunt Jane.

5:15	4:15	3:15	2:15	1:15

WMAQ (447.5m-670kc)

5:30	4:30	3:30	2:30	1:30

WFAA (475.9m-630kc) Homemakers program.
WMAQ (447.5m-670kc), Foibles of the Moment.

6:30	5:30	4:30	3:30	2:30

KOA (322.4m-930kc) Housewives matinee.

7	6	5	4	3

KOA (322.4m-930kc) Fashion review.

11:30	10:30	9:30	8:30	7:30

KWSC (348.6m-860kc), May 7, "Why Is Your Beefsteak Tough?" "Social Aspects of Mental Hygiene."
KMOX (280.2m-1070kc) Housewives' hour.

GARLANDS OF AIRY TUNES WILL B

High Lights of the Air

GARLANDS of airy tunes will welcome in the first of May this year instead of the bright nosegays formerly dropped on the doorsteps. These gay melodies bringing whiffs of forest music will be the May Day gift of the Radio stations. No Radio fan will escape the charm of this Pied Piper, spring.

The Swanee Syncopators, the dance attraction on the Saturday night programs of Station WRC, have been named the second best Radio dance orchestra in the United States by Stuart Rogers, New York Radio critic. They were topped only by Vincent Lopez' Orchestra of New York. The Syncopators play regularly under the direction of Al Kamons.

National Music week will be observed by WTIC with features arranged by music lovers of New Haven. The New Haven Symphony orchestra, Horatio Park choir, the University Glee club, May Bradley Kelsey, soprano, and Harry B. Jepson, organist, will be featured during the Sunday afternoon concert May 2. On May 5 at 7:15 p. m. Eastern Standard time a grand opera concert will be presented from Dorscht hall. On May 6, at the same time, a sacred concert will be given under the direction of Leroy Baumgartner. Prof. Harry B. Jepson, organist, and the New Haven high school orchestra are the features of the Friday program.

Already the spring of the year brings promise of merry sunshine during summer vacations, and "the call of the wild" will be distinctly felt during the concert Tuesday, May 4, between 9 and 10 p. m. Pacific time, given in honor of Yosemite. Anthony Linden, solo flutist of the San Francisco orchestra, Glen Hood, banjoist, and Camp Curry's popular entertainer will be heard. Don Tresidder gives a talk on "The Outdoors."

Oratorios famous throughout the ages will be played by the KDKA Little Symphony orchestra Tuesday evening, May 11. This program will give in an attractive manner the history of this musical form.

Grieg's lovely Peer Gynt suite has been heard from many stations during the short life of Radio, but for the first time the poetic form of Ibsen's play will be broadcast Tuesday, May 11, by WGN, Chicago. The WGN ensemble will play the musical background.

Friday evening, May 7, the newly organized WBAL mixed quartet will broadcast its first concert from 10 to 10:30 p. m. Eastern Standard time. The members of this feature include: Louise Cline, soprano; Maud Albert, contralto; John Wilbourn, tenor; Walter N. Linthicum, basso. This quartet of well-known Baltimore artists is to be a regular Friday event.

Saturday, May 1

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8:10 p. m.	7:10	6:10	5:10	4:10
WEEI (348.6m-860kc) Boston symphony orchestra.				
9:30	8:30	7:30	6:30	5:30
WGN (302.8m-990kc) Light Opera concert.				
9:40	8:40	7:40	6:40	5:40
KOIL (277.6m-1080kc), "May Time Festival."				
10	9	8	7	6
WLW (422.3m-710kc), Happy Hollow entertainers.				
10:30	9:30	8:30	7:30	6:30
WIP (508.2m-590kc), Little Jack Little. WMC (499.7m-600kc), Alumnae association, Mississippi state college.				
11	10	9	8	7
KTHS (374.8m-800kc), Uncle Billy and his Fiddle band.				
11:15	10:15	9:15	8:15	7:15
KHJ (405.2m-740kc), Boy Scouts' band.				
11:30	10:30	9:30	8:30	7:30
WBAP (475.9m-630kc), Wendell Hall, Red-Headed music maker.				
2 a. m.	1	12	11	10
KMTR (238m-1260kc), Hal Roach comedy stars.				

Saturday, silent night for: CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRV, CNRW, KFKU, KFKX, KFRU, KFUO, KFXF, KMA, KOAC, KOB, KSAC, KSO, KATB, KWSC, WABQ, WAIU, WBAL, WCAL, WCX, WDOD, WEAO, WEBJ, WEBW, WEMC, WGBF, WGCP, WGHP, WGST, WHA, WHAD, WHAZ, WHN, WHO, WIP, WJAD, WJAR, WKAR, WLIT, WLWL, WMAZ, WNAD, WOS, WRVA, WTAG, WTIC, WWJ.

Atlantic or Eastern Daylight Saving Time Stations

WBBR, New York, N. Y. (272.6m-1100kc), 8 p. m., Dr. Hans Haag, violinist; 8:40, Fred Twaroschk, tenor.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., William Penn hotel; 8:30, studio program; 11, news.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Vincent Lopez and his orchestra; Boy Scout program; Ross Gorman and his orchestra; orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 8:10 p. m., Boston symphony orchestra; 10, Lucerne-in-Maine quintet.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8, WEAF.

WHAR, Atlantic City, N. J. (275m-1090kc), 8 p. m., Seaside hotel trio.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8:15, University of Pennsylvania instrumental trio; 9, Mother Moore, Chaplain Dickens and the Boys of the Navy Yard; 10:05, Benjamin Franklin El Patio dance orchestra; 10:30, Little Jack Little; 11:05, organ recital, Germantown theater.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore concert orchestra; 8:30, Hotel Madison concert orchestra; 10:30, Hotel Vanderbilt orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Benjamin Franklin concert orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Adelphia French Room orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Morton dinner music; 7:30, Elks home dance orchestra; 8, Hotel Ambassador dinner music; 9, Manufacturers association; 10, Katz and his kittens; 10:30 Garden Pier dance orchestra; 11:15, Elks home dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 6:30 p. m., concert; 8:30, concert.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Alemite orchestra; Ziegler Stars; Tip trio; Smith and Ford; 10-11, Alemite orchestra; Vanity Fair orchestra; 11-2 a. m., Matched Unit quartet; Ziegler Stars, Fair and Warmer; Smith and Ford.

WBZ, Springfield, Mass. (333.1m-900kc), 6:45 p. m., Repertory theater concert orchestra; 7:15, Dr. D. M. Staley, reader; 8:30, Mrs. Marie Belanger Levere, soprano; 8:45, James Nesworthy, harmonica soloist.

WEBH, Chicago, Ill. (370.2m-810kc), 8 p. m., songs, Frank Greif; 9:15-10, Edgewater Beach hotel Oriole orchestra; 11-12 midnight, Oriole orchestra; Kay Ronayne; 1 a. m., Oriole orchestra; 1-3, frolic.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8:30-9:30, light opera concert; 9:30-10, old-time prize fight; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., Onondaga hotel dinner program, WFBL, WHAM; 7:15, musical program, Boston Store; 9:30, dance program, Syracuse hotel.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney, organist; 8:45-10:30, (238m-1260kc), Cinderella orchestra; 10:30, (399.8m-750kc), Kitchen Klenzer entertainers; 10:50, Jack Turner, popular singer; Irene Smith; 12, your hour league.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Marie Elita Fay, soprano; WIBO string trio.

WJAZ, Chicago, Ill. (322.4m-930kc), 9-2 a. m., "Spike" Hamilton's orchestra, Johnny Mulaney's Bluejackets.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., Palmer House Victorians; Isabel Defaut, Edson Farrar; 10-11, Palmer House Victorians; Cook Sisters; 12-1 a. m., setting up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:20-7:30 p. m., old-fashioned almanack; 7:15-7:20, The Million Sing; 7:30-8, Blackstone string quintet; 11-11:30, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendevous cafe orchestra; Drake dance orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 7 p. m., Ford and Glenn; 7:30, Ralph Emerson, organist; 8-12 midnight, barn dance, WLS Twin Wheeze, Maurice Sherman's College Inn orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 8 p. m., Johanna Grosse, organist; 8:30, final installment of "A Step On the Stairs," mystery serial; 9, Happy Hollow entertainers, Stone Brothers; 10, dance music.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Sheetz' Hotel LaSalle orchestra; 8, Daw and Pratt; 8:30, Radio photologue; 9, Chicago theater revue.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, pianist; Franklin Kidd, tenor; 9-11, Trianon orchestra, Woodlawn theater orchestra; ensemble; comedy specialties; Ole Larson, Charles Agne, comedy songsters; Clinton Keithley, Jack Goodwin, popular program.

WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; ensemble; studio program; 10-1 a. m., Tearney's Town club orchestra; Midway Garden orchestra; Pershing Palace orchestra; Capitol theater program; 1-2, orchestras.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-10 p. m., Elizabeth Barker Van Campen hour of music; Arthur Cliff, tenor; Lylamae Hardesty, contralto; Ardie Elkins, baritone; Robert Jamison, cellist; Fanny Vandenberge, pianist; Edna Darling, reader; 10-11, Boys week program; 11-12, Roy Clark, Pervis Jeffery, Bill Dallavo and his orchestra.

WORD, Batavia, Ill. (275m-1090kc), 7 p. m., Webster hotel concert and orchestra program; 9, studio program.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Ralph Williams and his Rainbo Garden concert orchestra; 10-3 a. m., Ralph Williams and his Rainbo Skylarks; Rose Vanderbosch; Hal Lansing and his uke; Clarence Theders, tenor; Oxford girls; Rita McFawn and Mary Bieber, harmony duo; West Brothers; Gail Bandell; Melodians; Bert Davis; artists.

WRC, Washington, D. C. (468.5m-640kc), 9 p. m., musicale; 10:30, Meyer Davis' Swanee syncopators; 11:30-12, Otto F. Beck, organist.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., chimes, Robert Badgley; 7:15, musicale; 9:55, Bicycle playing card sextet; Freda Sanker's orchestra.

WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; 10, Zola Haynes, pianist; popular artists.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner hour, Guy Lombardo and his Royal Canadians; 8-9, Hollenden hour, Carl Rupp and his orchestra; 9-12, novelty program, Ev Jones and his gang.

WTIC, Hartford, Conn. (475.9m-630kc), 6:50 p. m., Bond trio; 9:30, Ideal male quartet; 10:05, Evelyn Petzner Nagle, soprano; 10:30, Carroll's Palais Royal dance orchestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Sigma Alpha Iota; 12-2, orchestra.

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., J. O. Adams Music company; 11-12, Hotel Lassen dance music.

KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., Rockport high school glee club.

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., St. Andrews society; James Price; Peter Bernard, bagpipe soloist; Margaret Armstrong, soprano; Mrs. John Frazer, accompanist.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., pipe organ recital, William Howie.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6 p. m., organ recital, Arthur L. Utt, Mrs. Jacque Landree; 7, Little Red Schoolhouse; 8, orchestra; 8:30, H. Muskens, Dutch tenor; 9, Colonel 6121; 10, orchestra.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Mona Motor Oil entertainers; 7:40, May time festival, Orin W. Miller, clarinetist; Maxine Harriet Miller, pianist; Louise Armstrong, pianist; "The Bohemian Girl," glee clubs; Abraham Lincoln high school; 11, Hotsy Totsy hour; 12, Pow-wow.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Frank Tilton, blind wonder boy pianist; 10:30, Harold Oxley's Warwick hotel orchestra.

KSD, St. Louis, Mo. (545.1m-550kc), 7 p. m., Grand Central theater.

KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Music.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9-10:30 p. m., Uncle Billy and his fiddle band; 10:30-11:15, New Arlington hotel orchestra.

KYW, Chicago, Ill. (535.4m-560kc), 5-5:30 p. m., dinner music, KDKA; 6:30-8, home-lovers' hour; 8-9, an hour of music; 9-10, Congress classic; 10:05-11, Congress carnival.

WBAP, Fort Worth, Tex. (475.9m-630kc), 9:30-11 p. m., Wendell Hall, The Red-Headed Music Maker.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Wesley Barlow's Nicollet hotel orchestra, 8:15, musicale; 10:05, Wallie Erickson's Coliseum orchestra.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., organ music; Trianon ensemble; 11:45-1 a. m., Nighthawk frolic.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Mrs. Albert Smith, soprano; Mrs. H. Parks, contralto; 11-12, Jack Gardner's orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., mixed vocal and instrumental concert, Arthur Findling, baritone.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Alumnae association, Mississippi State College for Women.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program; 10, Frank Hodek and his Nightingale orchestra.

WOC, Davenport, Iowa (483.6m-620kc), 9-10 p. m., Mrs. Harper-Coons, soprano; E. W. Schoenig, baritone; May Marshall, soprano.

WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m., dinner hour concert, Jack Gardner's orchestra; 8-9, varied musical program; 12-1 a. m., organ recital, George Perfect.

WSB, Atlanta, Ga. (428.3m-700kc), 8:45-9:45 p. m., Atlanta Atwater Kent hour; 10:45, Ernest Rogers Red Head club.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's orchestra; 8, barn dance.

WSMB, New Orleans, La. (319m-940kc), 9:30-11:30 p. m., Mary Maloney and artists, concert program.

Mountain Standard Time Stations

KFWA, Ogden, Utah (260.7m-1150kc), 9-10 p. m., Olie Reeves and his orchestra; 10-11 Paramount theater; 11-12 midnight, Olie Reeves and his orchestra.

KFXF, Colorado Springs, Colo. (250m-1200kc), 9 p. m., dance orchestra.

KOA, Denver, Colo. (322.4m-930kc), 9 p. m., Harmony Peerless orchestra; 10:30, Scheuerman's Colorado orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Louise Klos string trio; 8-9, Robert Hurd, tenor; Virginia Flohri, soprano; 9-10, Ysabel Bowen, soprano; Hugh Wellington, baritone; 10-11, Packard Radio club in popular song hits; 11-2 a. m., KFI midnight frolic.

KFON, Long Beach, Calif. (232.4m-1280kc), 7-7:30 p. m., studio program; 7:30-9, Municipal band; 9-10, KFON frolic; 10-11, program, Idyllwild Golf club; 11-12, State theater organ.

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac 6 dinner hour; 8-9, Warner Brothers syncopators; 9-11, Warner Brothers movie frolic.

KGO, Oakland, Calif. (361.2m-830kc), 8:10 p. m., two violins and piano program; vocal, flute selections; Hawaiian songs; Strollers quartet; 9:45, "A Step On the Stairs," mystery serial; 10, Madson's Midshipmen, dance orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., concert; 10-12, Herman Kenin's dance orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7:15-7:45 p. m., Boy Scouts band; 8-10, Karl Brandenburg, tenor.

KJR, Seattle, Wash. (384.4m-780kc), 8:30-10 p. m., Pacific Northwest artists.

KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Starr Piano company studio; 7-8, DeLano ensemble; 8-10, KMTR concert orchestra; Neil Russell, baritone; 10-11, motion picture jollification, Hal Roach comedy stars.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7:15, church announcements; 7:30-8, studio program; 8-9, program, John A. Vaughn corporation; 9-10, feature program; 10-11 Ambassador hotel dance orchestra; 11-2 a. m., Hollywood Nite.

KPO, San Francisco, Calif. (428.3m-700kc), 8-12 midnight, Fairmont hotel dance orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour; 9-10, dance orchestra.

Los Angeles being port of entry from Hawaiia, has more Among the most popular of KHJ, are the Burkman Brothe To the left is the Tuesday evening feature of WLW, Mary called the Melody Lady of this station. To the right is a Malone, soprano, who sings frequ

Sunday, May 2

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
3:30 p. m.	2:30	1:30	12:30	11:30
WTIC (475.9m-630kc), National music week concert.				
7	6	5	4	3
WBAP (475.9m-630kc), Sacred concert.				
9	8	7	6	5
WBZ (333.1m-900kc), Florette ensemble.				
9:15	8:15	7:15	6:15	5:15
WEAF (491.5m-610kc), WEEI, WCAP, WFI, WJAR, WGR, WCAE, WSAI, WWJ, WOC, WCCO, WGN, WEAR, KSD, WTAG, Atwater Kent program.				
10	9	8	7	6
WJZ (454.3m-660kc), WGY (379.5m-790kc), Godfrey Ludlow, violinist.				
11:30	10:30	9:30	8:30	7:30
KPRC (296.9m-1010kc), Silverstring players.				
12 m.	11	10	9	8
KHJ (405.2m-740kc), Mothers' Day program.				
12:10 a. m.	11:10	10:10	9:10	8:10
KTHS (374.8m-800kc), Radio special train.				

Sunday, silent night for: CFAC, CHIC, CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFAU, KFKX, KFOA, KFWA, KFXF, KLX, KMA, KMTR, KOAC, KOB, KOWW, KSAC, KSO, KUOA, KWSC, WABQ, WAHG, WAIU, WCAU, WDAF, WEAO, WEBJ, WEBW, WFI, WGBF, WGHB, WGHP, WHA, WHAS, WHAZ, WIP, WJAD, WJAZ, WJJD, WJR, WKAF, WKAR, WMAQ, WMAZ, WMC, WNYC, WOI, WOOD, WRC, WRVA, WSB, WSM, WTAM, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

WBBR, New York, N. Y. (272.6m-1100kc), 10 a. m., Watchtower trio, choral singers; 2, orchestra; 3:15, Bible instruction; 3:30, Watchtower orchestra; 9, string quartet.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 10:45 a. m., Rodef Shalom temple; 4 p. m., WEAF; 6:30, dinner concert; 7:20, WEAF; 9:15, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 5 p. m., recital; 5:15, Undenominational church services; 5:25, sermon, Rev. John W. Stockwell; 5:35, recital; 5:45, talk; 6:45, Clarence Seaman and his orchestra; 7:45, Cathay Tea Garden orchestra; 8:30, Barry O'Moore and the Bonwit Teller ensemble; 9, the Lester-North hour of music; 10, The Ten Californians.

WEAF, New York, N. Y. (491.5m-610kc), 2-4 p. m., Sunday Radio service; 5:30-6, "Eve of St. Agnes," Radio theater; 6-7:20, musicale; 7:20-9:15, Capitol theater; 9:15-10:15, Atwater Kent Radio hour.

WEEI, Boston, Mass. (348.6m-860kc), 2 p. m., Sager's hour of hospitality; 4, WEAF; 6, Jordan Marsh company's Sparkling diamonds; 7:20, WEAF; 9:15, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 4:30 p. m., studio chapel services; 7:30, services, Arch Street Presbyterian church.

WGR, Buffalo, N. Y. (319m-940kc), 10:45 a. m., Westminster Presbyterian church; 6 p. m., WEAF; 7:45, Central Presbyterian church; 9:15, WEAF.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 10:45 a. m., Baptist church; 2:15 p. m., Seaside hotel trio; 7:50, Chelsea Baptist church; 9, "An Hour with the Classics," Seaside hotel ensemble.

DANCING

Central Time

Saturday

9, Webh, Wjaz, Wmbb, Wnyc, Wreo; 9:10, Kths, Wip; 9:30, Kths, Wgbs, Wor, Wrc; 10, Kfve, Kfwa, Koa, Kpo, Weaf, Wgn, Wjaz, Wjr, Wkrc, Wmca, Wnyc, Wor, Wqj, Wreo, Wtam; 10:05, Wcco; 10:30, Wamd; 10:45, Wls; 11, Kfwa, Kfwb, Kpo, Webh, Wfaa, Wgbu, Who, Wjaz, Woc; 11:30, Kfoa; 11:45, Wdaf; 12, Kfwa, Kgo, Kgw, Knx, Wgbu, Wjaz, Wjjd.

Monday

8, Wgcp; 9, Wgbu, Wjar, Wor; 9:15, Wahg; 10, Kths, Wgbu, Wgcp, Wgr, Wnyc, Wpg; 10:15, Wor; 10:30, Kfoa, Wgcp, Whn; 11, Kgw, Koil, Wgbu, Wgcp, Wgr, Whn, Who; Wjaz; 11:45, Wdaf; 12, Knx, Kpo.

Tuesday

10, Kfve, Wbbm, Weaf, Webh, Wgbu, Wgn, Whn, Wmca, Wnyc, Wpg; 10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11, Kgw, Koil, Wgbu, Whn, Wjaz; 11:30, Kfoa; 11:45, Wdaf; 12, Kgw, Khj, Knx, Kpo, Wdaf, Wjaz; 1, Wqj.

Wednesday

9, Wex, Webh, Wgbu, Wgcp, Whn, Who, Wjaz, Wmbb, Wmca, Wtic; 9:15, Wahg; 9:30, Wbap, Who, Wor; 10, Kfve, Wbap, Weaf, Wgbu, Wgcp, Wjaz, Wqj; 10:05, Wcco; 10:30, Wbap, Whn; 11, Koil, Kpo, Webh, Wgbu, Wgcp, Wgr, Whn, Wjaz; 11:45, Wdaf; 12, Kfwa, Knx, Kpo, Wjaz, Wjjd.

Thursday

8, Wjr; 9, Webh, Weei, Wgbu, Whn, Wjr, Wmbb, Wsai, Wtag; 9:05, Wbz, Wip; 9:30, Wgbs, Wgy, Whn; 9:35, Wnyc; 10, Kths, Wbbm, Weaf, Wgbu, Whn, Wmca, Wpg, Wqj; 10:30, Kths, Whn, Webh, Wgbu, Whn, Woc, 11:45, Wdaf; 12, Kgo, Khj, Knx, Kpo, Wjjd.

Friday

8, Wwj; 9, Wex, Webh, Weei, Wgbu, Wgcp, Wmbb; 9:15, Wahg; 9:30, Wcau, Whn; 10, Kfve, Kpo, Kths, Wgbu, Wgcp, Whn, Wgr, Wqj.

L BE MAY DAY GIFTS OF STATIONS

ɪawaiia, has more than its share of Mid-Pacific musicians. e Burkman Brothers. They are shown above broadcasting. re of WLW, Mary Louise Wosezcek, pianist. She is often To the right is a popular Nashville artist, Mary Cornelia o, who sings frequently at WSM.

"a Step On the Stairs"

Broadcast as a Play

EPISODE TEN—THE SETTING

THE scene continues in the high-beamed hunt-room. Mary Williams admits she intentionally locked Mitchell in the cupboard in fear and for safe keeping. She is accused of preventing an officer from performing his duties and several suggestions are made that she might be in cahoots with crooks. Mary Williams asks Hazel Stanton where she fits in the picture. In reply Hazel Stanton discloses the fact that she is of the federal department of justice and orders Mary Williams' arrest for the murder of Jeremiah Turner. The "corpse" of Peleg comes to. He explains that he had gathered the guests together in an effort to have the killer confess. He had tapped the land wire of the station and expected to get the message through during a switch of controls. In the woods he met Teufel who, he imagines, was coming to the manse to warn his fellow crooks that the department was on the trail. He was chased by Teufel who pursued him through the station and shot the engineer. The letter was from John Carton but of no importance. Thinking something up at the house he returned there but had to go suddenly and left him shoes. Peleg clears Mary Williams of the crime by saying he killed the man himself. The tenth episode opens.

THE CAST

Mr. Everett............Chief of Portsmouth Narcotic Squad
Mary Williams............A youthful guest
Aunt Helen Holmes............Relative of Peleg Turner
Hazel Stanton............A young lady
Maurice Tolliver............A youth and relative
Peleg Turner............A dead man resurrected
Frederick Ardwyn............Peleg Turners' lawyer
Cousin William Caryl............Relative of Peleg Turner
John Carton............Nephew of Peleg Turner
Hari Singh............Hindu servant of Peleg Turner

WHERE AND WHEN TO DIAL

KGO, Oakland, Calif. (361.2m-830kc). Tenth episode at 9:45 p. m. Pacific time, Saturday, May 8.

KOA, Denver, Colo. (322.4m-930kc). Tenth episode at 9:40 p. m. Mountain time, Monday, May 3.

WBAP, Fort Worth, Tex. (475.9m-630kc). Tenth episode at 11 p. m. Central time, Thursday May 13.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc). Tenth episode at 10:05 p. m. Central time, Thursday, May 6.

WGY, Schenectady, N. Y. (379.5m-790kc). Tenth episode at 7:15 p. m. Eastern time, Friday, May 7.

WHO, Des Moines, Iowa (526m-570kc). Tenth episode at 2:30 p. m. Central time, Monday, May 10.

WLW, Cincinnati, Ohio (422.3m-710kc). Tenth episode at 8:30 p. m. Central time, Saturday.

WMAQ, Chicago, Ill. (477.5m-670kc). Tenth episode at 8:55 p. m. Central time, Wednesday, May 12.

WNAC, Boston, Mass. (280.2m-1070kc). Tenth episode at 8:30 p. m. Eastern time, Wednesday, May 5.

WEAN, Providence, R. I. (270.1m-1110kc). Play broadcast by direct wire from WNAC, Boston, on same schedule as WNAC therefore.

WOAW, Omaha, Nebr. (526m-570kc). Tenth episode at 8 p. m. Central time, Saturday, May 8.

WOC, Davenport, Iowa (483.6m-620kc). Tenth episode at 10:30 p. m. Central time, Friday, May 7.

WOR, Newark, N. J. (405.2m-740kc). Tenth episode at 10:30 p. m. Eastern time, Saturday.

WRC, Washington, D. C. (468.5m-640kc). Tenth episode at 8:15 p. m. Eastern time, Friday, May 7.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc). Schedule to be announced over air.

DANCING

Central Time

Saturday

9, Webh, Wjaz, Wmbb, Wnyc, Wreo; 9:10, Kths, Wip; 9:30, Kths, Wgbs, Wor, Wrc; 10, Kfve, Kfwa, Koa, Kpo, Weaf, Wgn, Wjaz, Wir, Wkrc, Wmca, Wnyc, Wor, Wqj, Wreo, Wtam; 10:05, Wcco; 10:30, Wamd; 10:45, Wls; 11, Kfwa, Kfwb, Kpo, Webh, Wfaa, Wgbu, Who, Wjaz, Woc; 11:30, Kfoa; 11:45, Wdaf; 12, Kfwa, Kgo, Kgw, Knx, Wgbu, Wjjd, Wjjd.

Monday

8, Wgcp; 9, Wgbu, Wjar, Wor; 9:15, Wahg; 10, Kths, Wgbu, Wgcp, Wgr, Wnyc, Wpg; 10:15, Wor; 10:30, Kfoa, Wgcp, Whn; 11, Kgw, Koil, Wgbu, Wgcp, Wgr, Whn, Who; Wjaz; 11:45, Wdaf; 12, Knx, Kpo.

Tuesday

10, Kfve, Wbbm, Weaf, Webh, Wgbu, Wgn, Whn, Wmca, Wnyc, Wpg; 10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11, Kgw, Koil, Wgbu, Whn, Wjaz; 11:30, Kfoa; 11:45, Wdaf; 12, Kgw, Khj, Knx, Kpo, Wdaf, Wjaz; 1, Wqj.

Wednesday

9, Wex, Webh, Wgbu, Wgcp, Whn, Who, Wjaz, Wmbb, Wmca, Wtic; 9:15, Wahg; 9:30, Wbap, Who, Wor; 10, Kfve, Wbap, Weaf, Wgbu, Wgcp, Wjaz, Wqj; 10:05, Wcco; 10:30, Wbap, Whn; 11, Koil, Kpo, Webh, Wgbu, Wgcp, Wgr, Whn, Wjaz; 11:45, Wdaf; 12, Kfwa, Knx, Kpo, Wjaz, Wjjd.

Thursday

8, Wjr; 9, Webh, Weei, Wgbu, Whn, Wjr, Wmbb, Wsai, Wtag; 9:05, Wbz, Wip; 9:30, Wgbs, Wgy, Whn; 9:35, Wnyc; 10, Kths, Wbbm, Weaf, Wgbu, Whn, Wmca, Wpg, Wqj; 10:30, Kths, Whn, Webh, Wgbu, Whn, Woc, 11:45, Wdaf; 12, Kgo, Khj, Knx, Kpo, Wjjd.

Friday

8, Wwj; 9, Wex, Webh, Weei, Wgbu, Wgcp, Wmbb; 9:15, Wahg; 9:30, Weau, Whn; 10, Kfve, Kpo, Kths, Wgbu, Wgcp, Whn, Wgr, Wqj.

WIP, Philadelphia, Pa. (508.2m-590kc), 10:45 a. m., services, Holy Trinity church.

WJAR, Providence, R. I. (305.9m-950kc), 7:20 p. m., Capitol family; 9:15, Atwater Kent Radio hour.

WJZ, New York, N. Y. (454.3m-660kc), 11 a. m., West End Presbyterian church; 2:30, Sunday Radio forum; 3:55, St. George's Vesper service; 7, Hotel Pennsylvania concert orchestra; 8, Bakelite hour; 9, Hotel Commodore concert orchestra, WGY; 10, Godfrey Ludlow, violinist, WGY.

WLIT, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Benjamin Franklin hotel organ recital; 7, Benjamin Franklin hotel concert orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 10:45 a. m., First Presbyterian church; 7:30, Churchill Tabernacle.

WOO, Philadelphia, Pa. (508.2m-590kc), 2 p. m., musical exercises, Bethany Sunday school; 6, organ recital; 7:30, services, Bethany Presbyterian church.

WPG, Atlantic City, N. J. (299.8m-1000kc), 3:15 p. m., Arthur Scott Brook, organist; 4:15, St. James Episcopal church musicale; 9:15, Hotel Ambassador concert orchestra; 10, Arthur Scott Brook, organist; WPG ladies trio.

WTAG, Worcester, Mass. (267.7m-1120kc), 4-5:30 p. m., program; 7:20-9:15, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 9:45 p. m., Huntsville band.

KDKA, Pittsburgh, Pa. (309.1m-970kc), 11 a. m., East End Christian church; 4 p. m., Dr. Charles Heinroth, organist; 4:45, Shadyside Presbyterian church; 6:30, KDKA Little symphony orchestra; 7:20, chimes; 7:30, Calvary Episcopal church.

WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet.

WBAL, Baltimore, Md. (245.8m-1220kc), 7:30-8:30 p. m., WBAL concert orchestra.

WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m., Metropolitan mixed quartet; Goldie Gordon, violinist; Bessie Sax, pianist; Cecile Winnie, bass-baritone; Paul Crunwell, baritone; Vinzie Lindhe, pianist; 4-6, Jack Crawford's Alemite orchestra; Maurice Silverman, tenor; Pauline Atlass, violinist; Lois Hammett, pianist; F. J. Porter, baritone; 11:59-3 a. m., Nutty club.

WBZ, Springfield, Mass. (333.1m-900kc), 9:45 a. m., Church of the Unity; 6 p. m., Copley Plaza orchestra; 7, Unity quartet; 8, Florette ensemble.

WCAP, Washington, D. C. (468.5m-640kc), 11 a. m., Foundry Methodist Church of Washington; 4 p. m., Washington cathedral; 6:20-9:15, WEAF.

WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., mixed quartet, brass quartet; Messrs. Stewart and Dunn, cornet and euphonium soloists; P. B. and Carl Newcomer, cornet and saxophonists; Mr. and Mrs. G. R. Sparrow, vocal duettists; Ida Peterson, soprano; Richard Hire, violinist; Hazel Dunn, pianist.

WEBH, Chicago, Ill. (370.2m-810kc), 10:40 a. m., Seventh Church of Christ, Scientist; 7-9, artists' program.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., musical program; 7-7:20, The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-7:45, Correll and Gosden; 7:45-8:15, Drake concert ensemble, Blackstone string quintet; 8:15-9:15, WEAF; 9:15-10, "Our Music Room"; 10-10:10, Sam 'n' Henry; 10:10-11, musical program.

WGY, Schenectady, N. Y. (379.5m-790kc), 9:45 a. m., First Church of Christ, Scientist; 3 p. m., program, Syracuse; 3:30, Elmer Tidmarsh, organist; 7, New York State Rotary convention; 9, Godfrey Ludlow, violinist, WJZ.

WHT, Chicago, Ill. (399.8m-750kc), 12n-10:30 p. m., Paul Rader.

WIBO, Chicago, Ill. (225.4m-1330kc), 2-4 p. m., Sunday afternoon concert; 6-8, program, Walter Preston, director; 10-12 midnight, popular program.

WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Girvin Symphony orchestra; Treble Clef trio of Aurora.

WJJD, Mooseheart, Ill. (370.2m-810kc), 7:45 a. m., Roman Catholic services; 9:40, Protestant services; 2:30, Sunday concert; 3:30, Bible class; 4, Palmer House Sunday symphony orchestra; 4, Sunday orchestra.

WLIB, Chicago, Ill. (302.8m-990kc), 5-6:15 p. m., concert, Oriental jazz ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6-7:55 p. m., WLS Little Brown church.

WLW, Cincinnati, Ohio (422.3m-710kc), 10:45 a. m., Seventh Presbyterian church; Dan Beddoe, soloist; Adolph Stadermann, organist; 4 p. m., sacred instrumental concert; 5, organ recital, Leo Thuis; 7:30, First Presbyterian church; 8:30, concert orchestra.

WMBB, Chicago, Ill. (249.9m-1220kc), 3-5 p. m., Trianon orchestra; Woodlawn theater orchestra; Bob Smith, Bob Duffy, popular concert; 7:40-9, Fifth Church of Christ, Scientist; 9-11, Trianon orchestra; Woodlawn theater orchestra; Scotty Welch and Madison Sisters, harmony duo; Bob Bennett, pianist.

WOK, Chicago, Ill. (217.3m-1380kc), 6 p. m.-1 a. m., Tearney's Town club orchestra; Midway Garden orchestra; Pershing Palace orchestra; Capitol theater musical program; ensemble; studio program.

WORD, Batavia, Ill. (275m-1090kc), 10 a. m., I. B. S. A. service; 2 p. m., Bible lecture; 2:30, Chicago Rapid Transit company; 6, evening service; 9:30, I. B. S. A. lecture; 10:45, Bible lecture.

WQJ, Chicago, Ill. (447.5m-670kc), 10-12 noon, services, Peoples' church; choir; Clarence Eddy, organist; 3-4 p. m., Edith Phillips Heller and artists; Jerry Fullum, soprano; William Matter, tenor; E. Whiting, baritone; Edith Heller, pianist; 8-10, Ralph Williams and his Rainbo Garden orchestra.

WSAI, Cincinnati, Ohio (325.9m-920kc), 11 a. m., Avondale Methodist Episcopal church; 7:45 p. m., chimes; 8, Radio sermonette; 8:15, WEAF.

WSWS, Chicago, Ill. (275.8m-1090kc), 11 a. m., Moody church; 3-5 p. m., popular service; 7-8:30, evening song service.

WTAM, Cleveland, Ohio (389.4m-770kc), 11 a. m., Trinity cathedral.

WTIC, Hartford, Conn. (475.9m-630kc), 2:30 p. m., national music week.

WWJ, Detroit, Mich. (352.7m-850kc), 10 a. m., First Presbyterian church; 2 p. m., Detroit News orchestra; 6:20, WEAF; 8:15, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 4-5 p. m., vesper service; 9-11, Dewitt high school orchestra.

KFH, Wichita, Kan. (267.7m-1120kc), 9:45 a. m., Bible class; 7:15, First Methodist church; 10-11, Coleman string quartet.

KFNF, Shenandoah, Iowa (263m-1140kc), 10:45 a. m., First M. E. church; 2:30 p. m., Golden Rule song service; 3, services; 6:30, Golden Rule circle; 7:30, Christian church services.

KFUO, St. Louis, Mo. (545.1m-550kc), 4 p. m., Shut-in hour; sermon "Blessed are they which do hunger and thirst after righteousness, for they shall be filled," Rev. E. Duever; musical program; 9:15, "The First Commandment with Promise," Rev. H. Claus; musical program.

KLDS, Independence, Mo. (440.9m-680kc), 3 p. m., sacred program, First Christian church; 6:30, Lilly Belle Allen, soprano; Mrs. Arthur Daniels, contralto; Elbert Dempsey, tenor; Dr. Frank Criley, bass; Wesley Brocaw, saxophonist; 9:15, Stone church choir.

KMA, Shenandoah, Iowa (252m-1190kc), 8:30-9:30 a. m., services; 12:15-1:30 p. m., sacred song service; 4-5, choir music; 5-6, Religious discussion.

KMOX, St. Louis, Mo. (280.2m-1070kc), 9 p. m., Sunday night club.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 11 a. m., First Congregational church; 4 p. m., Methodist church orchestra; 7:35, First Congregational church choir; 11, Original Collegians.

KPRC, Houston, Tex. (296.9m-1010kc), 10:55 a. m., South End Christian church; 7:50, First Church of Christ, Scientist; 9:30, Silverstring players; 11, Paul A. Hill, organist.

KSD, St. Louis, Mo. (545.1m-550kc), 5:15 p. m., WEAF; 7:15, WEAF.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., First Baptist church; 9:05 p. m., sacred concert, choir, Arkansas State Teachers college; 9:30-10, New Arlington Hotel-Meyer Davis orchestra; 10-10:10, Phantom voice; 10:10-11:30, Arkansas Traveler Limited Radio special.

KYW, Chicago, Ill. (535.4m-560kc), 11 a. m., Central church service; 4:30, studio concert; 7, Chicago Sunday evening club; "Some Old Letters," Clifford W. Barnes; 8, "The Religion of the New Democracy," Dr. Charles W. Stelzle.

WBAP, Fort Worth, Tex. (475.9m-630kc), 5-6 p. m., sacred concert, School of Music, Southwestern Baptist seminary; 9:30-11, Texas hotel orchestra.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 10:50 a. m., Hennepin's Avenue M. E. church; 3 p. m., Lutheran Bible institute; 4:10, House of Hope Presbyterian church; 5:50, Second Church of Christ, Scientist; 7:15, WEAF; 9:30, Hugo Philler Goodwin, organist.

WDAF, Kansas City, Mo. (365.6m-820kc), 3-4 p. m., program, Lees Summit, Dolly Breitenbaugh, director; 4-4:15, vespers.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 11 a. m., Martha Hutchison, organist; choir; Rena Ely, flutist; 12 noon, Georgia Nethercutt, soprano; 8:15, Vivian Copeland, pianist; choir; Dulciano string trio; 9:15, Ruth Lee, soprano.

WFAA, Dallas, Tex. (475.9m-630kc), 6-7 p. m., Bible class, First Presbyterian church, gospel songs; 7:15-7:45, Cyrus Barcus, cornetist; 8-9, First Baptist church; 11-12, Ligon Smith and his orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 10 a. m., Fourth Avenue Presbyterian church; 4:30-5:30 p. m., choral evensong service, Christ Church Cathedral; Ernest Simon.

WHB, Kansas City, Mo. (365.6m-820kc), 9:40 a. m., Linwood Boulevard Christian church; 11:10-12:30, Christian church; 8, service; 11:15, Morrill Moore, organist; Don Anchors, poet.

WHO, Des Moines, Iowa (526m-570kc), 11 a. m., University church; 5-6 p. m., Bankers' Life trio; Myrtle Williams, soprano; Stewart Watson, baritone; 7:30-8:30, Fourteenth Cavalry band; 11-12, Bankers' Life Little symphonic orchestra.

WOAI, San Antonio, Tex. (394.5m-760kc), 11 a. m., First Presbyterian church; 7:30 p. m., Central Christian church; 9:30, Super-Heterodyne hour of music.

WOAW, Omaha, Nebr. (526m-570kc), 9 a. m., Omaha Gospel tabernacle; 1:30 p. m., classical program; 9, services.

WOC, Davenport, Iowa (483.6m-620kc), 1-2:30 p. m., old folks' musicale, Palmer Little symphony; Paul J. Vipperman, tenor; 6:30-7, St. Matthews Lutheran church; 7:15-8:15, WEAF; 10-11:30, Palmer Little symphony.

WOI, Ames, Iowa (270m-1110kc), 11 a. m., chapel services.

WRR, Dallas, Tex. (245.8m-1220kc), 10:30 a. m., First Baptist church; 7:30, Church of Christ; 9:30-10:30, varied program; W. B. Muse, singer; Billy Hallback's Footwarmers orchestra.

WSB, Atlanta, Ga. (428.3m-700kc), 5 p. m., Decatur Young People's league; 7:30, Wesley Memorial Methodist church service.

WSM, Nashville, Tenn. (282.8m-1060kc), 10:30 a. m., First Presbyterian church.

WSUI, Iowa City, Iowa (483.6m-620kc), 7:30 p. m., Celeste Fuhrmann, soprano; Zita Fuhrmann, pianist.

Mountain Standard Time Stations

KFXF, Colorado Springs, Colo. (250m-1200kc), 11 a. m., First Presbyterian church; 7:30, First Methodist church.

KOA, Denver, Colo. (322.4m-930kc), 10:50 a. m., First Church of Christ, Scientist; 5 p. m., Corinne M. Bourk, pianist; Henry Trustman Ginsburg, violinist; Ethel Wilkins, violinist; Wayne C. Hedges, violist; Lee N. Parker, violoncellist; 7:50, First Church of Christ, Scientist.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Grebe synchrophase string ensemble; 7:30-8, Jim, Jack and Jean trio; Gogo Belanger, blues singer; 8-9, Aeolian organ, Dan L. McFarland, organist; 9-10, Movieland syncopators; 10-11, Packard Six dance orchestra.

KFON, Long Beach, Calif. (232.4m-1280kc), 6:30-7:30 p. m., program, Prest and Dean; 7:45-9, service, First Church of Christ, Scientist; 9-10, Burt Pedersen's orchestra.

KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Brothers Sunday night movie frolic.

KGO, Oakland, Calif. (361.2m-830kc), 11 a. m., First Baptist church; 3:30 p. m., vesper services, Grace Cathedral; 7:45, First Baptist church service; George Lipschultz, violinist; Esta Pomeroy, organist.

KGW, Portland, Ore. (491.5m-610kc), 10:45-12 noon, Church of Our Father, Unitarian; 7:30-9 p. m., First Presbyterian church; 9-10, Chevrolet symphony orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., First Methodist Episcopal church; 8-10, Artland Club Mothers' day program.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Unitarian church service; 8-9, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries, Russian string trio.

KPO, San Francisco, Calif. (428.3m-700kc), 9:45 a. m., Swedish Baptist church; 2:30 p. m., sacred concert, music week; 5-6, Marshall W. Giselman; 6-6:30, States Restaurant orchestra; 6:35-8:35, Palace hotel concert orchestra; 8:35-10, Rudy Seiger's Fairmont hotel orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8:45-9:45 p. m., Maryland Artists' ensemble.

KTAB, Oakland, Calif. (239.9m-1250kc), 9:45 a. m., Bible lecture, Prof. E. G. Linsley; 11, service; 7:45, service; 9:30, after-service concert.

Monday, May 3

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8:30 p. m.	7:30	6:30	5:30	4:30
WPG (299.8m-1000kc), Festival choir.				
9	8	7	6	5
WBZ (333.1m-900kc), Little screen players.				
WGY (379.5m-790kc), Severino Mandolin quintet.				
9:30	8:30	7:30	6:30	5:30
WBAP (475.9m-630kc), Boys' Week program.				
WGR (319m-940kc), Ruppel Sisters.				
WHAZ (379.5m-790kc), Concert.				
10	9	8	7	6
KPRC (296.9m-1010kc), D. O. K. K. band.				
WDAF (365.6m-820kc), Ivanhoe band, glee club.				
WLW (422.3m-710kc), May Day program.				
WEAF (491.5m-610kc), and chain, grand opera, "Faust."				
WOOD (241.8m-1240kc), "What Price Trout," play.				
WOI (270.1m-1110kc), Veishea entertainment.				
11	10	9	8	7
WCCO (416.4m-720kc), Royal-Star ensemble.				
WTIC (475.9m-630kc), Symphonic ensemble.				
11:05	10:05	9:05	8:05	7:05
KTHS (374.8m-800kc), Solo hour.				
2 a. m.	1	12	11	10
KGW (491.5m-610kc), Spanish ballroom.				

Monday, silent night for: CKAC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KFAU, KFMX, KFWA, KHJ, KPSN, KSAC, KYW, WBBM, WCBD, WEAO, WEBH, WEBJ, WEBW, WENR, WGBF, WGBS, WGES, WGN, WHAS, WHT, WIBO, WIP, WJAZ, WJJD, WLIB, WLS, WMAQ, WMBB, WOAI, WOC, WOK, WORD, WQJ, WRC.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 6:45-7:45 p. m., Conger Coal orchestra.

CHIC, Toronto, Can. (356.9m-840kc), 8 p. m., First Church of Christ, Scientist.

WBBR, New York, N. Y. (272.6m-1100kc), 8 p. m., jubilee entertainers; 8:20, program; 8:50, entertainers.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, musicale; 9, concert; 10, grand opera; 11:05, dance.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8, Carolyn

SPRING BRINGS "CALL OF THE WILD"

One of the KOA players who appears in the mystery play "A Step On the Stairs" is Betty Lowell. She plays the part of Hazel Stanton.

Monday, May 3

Thomas, soprano; 8:30, The Hood Boys; 8:45, Enright's Gems; 9, The Merry Minstrels; 9:40, Jackson and Ellis, Radio sweethearts; 10, Madrgial Mixed quartet.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Muriel Anderson, contralto; Lawrence Gardner, xylophonist; Clover club trio; Vincent Lopez and his orchestra; Adolph Opfinger, pianist; Francine Vyde, soprano; A. and P. Gypsies; grand opera, "Faust"; Ben Bernie and his orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., North Avenue Baptist church quartet; 8, poetic walker; 8:15, Varsity Tire entertainers; 9, WEAF; 10, Hunters Cabin orchestra; 10:30, Harvard Alumnae orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Music week program.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Al Voelkles' orchestra; 8, classical recital, Bertha Drescher; 8:30, Kane and Johnson, harmony team; 9, violin and harp, Margaret Blakleslee, Mildred Laube; 9:30, Ruppel sisters; 10, Hubert mixed quartet; 11, Vincent Lopez Hotel Statler dance orchestra.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seaside hotel trio; 11, Follies Bergere dance orchestra.

WHAZ, Troy, N. Y. (379.5m-790kc), 8:30 p. m., vocal and instrumental concert; reader; 9:45, Royal club orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin hotel concert orchestra; 7, Uncle Wip's bedtime stories; dancing lessons, Miller Conservatory of Dancing.

WJAR, Providence, R. I. (305.9m-950kc), 7:45 p. m., musicale; 9-11, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore dinner concert; 7:55, John B. Kennedy; 8, Astor Coffee orchestra; 9, Reading Railroad Revelers; 10, Moorland hour; 10:45, Waldorf Astoria orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Dream Daddy's bedtime stories; 8, Short Agro Waves; 9, Stanley Hour of Music; 10, Arcadia cafe concert orchestra; 10:30, vaudeville features, Fay's Knickerbocker theater; 10:45, El Patio dance orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8 p. m., musical; 8-9, Silver Leaf quartet; 9-10, musical program; 10-11, Beaver Products company program.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Ritz Carlton dance orchestra; 8, pop concert; 9, WEAF; 11, Adelphia dance orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7:15, Hotel Morton dinner music; 8:30, Haydn's "Creation"; 10, Atlantic City Hotel Men's exhibit; 11, Silver Slipper Supper club.

WTAG, Worcester, Mass. (267.7m-1120kc), 8:30-9 p. m., WTAG entertainers; 9-10, Robin Hood hour of music; 10-11, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 9 p. m., Rudd Light Opera hour.

WABQ, Haverford, Pa. (261m-1150kc), 11 p. m., Ardmore theater program.

WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 8-9, Viola Hewitt, soprano; Eugenia Earp Arnold, contralto; Yedidyah Admon, baritone; Eva Hipp, pianist; Abram Moses, violinist; 9:10-10, musicale; 10-11, WBAL ensemble.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Lenox ensemble; 7, Capitol theater orchestra; 7:30, Rene Dagenais, organist; 8, Little Screen players; 8:30, Empire singing orchestra; 9:30, Leo Reisman's Hotel Brunswick orchestra.

WCAP, Washington, D. C. (468.5m-640kc), 7-8 p. m., studio program; 8-9, WEAF; 9-10, WEAF.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., Severine mandolin quintet; 8, quintet.

WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., College Inn orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., dinner concert, Hotel Gibson orchestra; 7:30, theatrical feature; 7:40, Hotel Gibson concert; 8, music; 9, Crosley Little symphony orchestra, "May Day program"; 10, dance music, Castle Farm; 10:30, Midnight serenaders.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-10 p. m., "What Price Trout," WOOD ensemble; 10-11, Second Street Methodist church choir; 11-12 midnight 16th woodpile.

WRVA, Richmond, Va. (256.3m-1170kc), 9 p. m., Virginia folk lore; 9:10, Mrs. Mable Maxon Stradling, organist; 10, orchestra; 11-11:30, mixed quartet.

WSAI, Cincinnati, Ohio (325.9m-920kc), 10-12 midnight, musicale.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner hour, Carl Rupp and his Hotel Hollenden orchestra; 8-11, Cleveland's city band, artists; 11-12, Austin Wylie's Recording orchestra; 12-1 a. m., Guy Lombardo and his Royal Canadians dance orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Capitol theater orchestra; 8, Eldna Scanlon, tenor; 8:15, Charles Scanlon, tenor; 8:30, Hotel Bond dance orchestra; 9, grand opera hour; 10, Travelers symphonic ensemble.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, studio program; 8, Detroit News orchestra; 9, A. and P. Gypsies.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., golf talks, R. S. Johnson; 8:30-10:30, Queen Incubator, Cowbell boys; Little symphony orchestra; Harmony Boys.

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., ladies quartet.

KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., talent, St. Paul, Nebr.

KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., Lester Smith Harmony orchestra.

KFUO, St. Louis, Mo. (545.1m-550kc), 8 p. m., "The Value of Christian Conviction and Courage," Rev. O. Lindemeyer; Western Four quartet.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., Farnham trio, How Do You Do Boys, Grady and Doc.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6 p. m., Arthur L. Utt and Mrs. Jacque Landree; 7, Buster's saxophone quintet; 8, Bell Hops; 9, orchestra; 9:30, Tom Pickard, Scotch songs; 10, orchestra; A. W. Snyder, accordionist.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Hugh W. McGann, Irishman; 6:30, Original Collegians; 8, Frost concert band; 9:15, Barny and Twins; 10, Kathryn Cheyne Lemen, contralto; Dorothy Shove Kelloway, soprano; Margaret Lemen Green, pianist; 11, Charlestonians.

KPRC, Houston, Tex. (296.9m-1010kc), 6:30 p. m., Harold Oxley's Warwick hotel orchestra; 7:30, dance orchestra; 8:30, Max E. Shippee, tenor; 9, E. Tex Temple D. O. K. K. band.

KSD, St. Louis, Mo. (545.1m-550kc), 8 p. m., WEAF.

KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Earl McDonald entertainers.

KTHS, Hot Springs National Park, Ark. (374.8m800kc), 9:05 p. m., Lon Chassy, violinist; Salvatore Julian, trombonist; Charles Garden, saxophonist; 10-10:20, Arthur Platz, tenor; Elizabeth Bowe, pianist; 10:20-11:30, Lawson Reid, organist.

KUOA, Fayetteville, Ark. (299.8m-1000kc), 8 p. m., Glenn Sherman, pianist.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Fort Worth Rotary club; 9:30-11, Trail Blazers; 11-12:30 a. m., Duncan-Marin orchestra; artists, Majestic theater.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., St. Paul hotel concert orchestra; 8, U. of Minnesota program; 9, Royal-Star ensemble; 9:30, classical concert.

WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., San Carlos trio, instrumental; S. L. LaHatche, vocal and Hawaiian novelties; Elizabeth Moreno, pianist; Francis Villar, vocal solos; West Floridian dance orchestra.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Trianon ensemble; 8-9, Ivanhoe band; 9-10, Star's Radio orchestra; 11:45-1 a. m., Ted Weems' Victor Recording orchestra; Ted Meyn, organist.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., Lighthouse Music Makers; Dulciano string trio; Homer Fellow, baritone; Ellen Acton, soprano.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Honey Boys' orchestra; 8:30-9:30, Sears-Roebuck Agricultural Foundation program.

WHB, Kansas City, Mo. (365.6m-820kc), 2-3 p. m., Kansas City artists trio; 7-8, Sweeney Radio orchestra; Peggy Nash, Henry Klotz.

WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., concert, Drake University Conservatory of Music; 11-12, organ recital, L. Carlos Meier.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Kiwanis club.

WOAW, Omaha, Nebr. (526m-570kc), 6:20 p. m., popular song period, Frank Peterson, tenor; Helen Higgins, pianist; 6:50, Randall's Royal Fontenelle orchestra; 9, classical.

WOI, Ames, Iowa (270m-1110kc), 8 p. m., Veishea entertainment, songs and musical numbers.

WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m., dinner concert, Jack Gardner's orchestra; 8-9, concert, Magnolia Petroleum company band; 11-12, organ recital, George Perfect.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Chamber of Commerce; 10:45, program, Lucile Moore, director.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's orchestra; 8, Kiwanis club program; 10, Cumberland Four.

WSMB, New Orleans, La. (319m-940kc), 9:30 p. m., 12:30 a. m., dance program, Dixola orchestra, Strand orchestra.

Mountain Standard Time Stations

KFWA, Ogden, Utah (260.7m-1150kc), 9-10 p. m., KFWA Junior orchestra; 10-11, Paramount theater musicale.

KFXF, Colorado Springs, Colo. (250m-1200kc), 9 p. m., studio program.

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, Boulder Chamber of Commerce; KOA orchestra; Richard Durrett, tenor; Mrs. Adam Weber, contralto; Hazel Bennett, pianist; instrumental trio; Ethel Frances Weber, soprano; Brooks Custer, accordionist; Mrs. Ben Bernzen, reader; KOA orchestra; 9:40, "A Step On the Stairs."

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; Garnet Kibler, blues singer; 8-9, Gusman string trio; Jean Hayden, soprano; 9-10, program, Walter M. Murphy Motors company, Pryor Moore concert orchestra, Emma Kimmel, soprano; 10-11, popular program arranged by Meiklejohn Brothers.

KFON, Long Beach, Calif. (232.4m-1280kc), 7-8 p. m., program, Markwell Salt Water Taffy shop; 8-9, Press-Telegram studio; 9-10, studio program; 10-11, The Club orchestra; 11-12, State theater organ.

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac 6 dinner hour; 7:30-8, program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, Corduroy Tire Stores, inc; 9-10, program, Star Motor Car company; 10-11, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc) 8 p. m., National Music week program; Arion trio.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, vocal and instrumental concert; 9-10, vocal and instrumental; 10-12 midnight, Cole McElroy's dance orchestra.

KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Radio Press Agent; 7:30-8, Y. M. C. A. musical program; 8-10, KMTR concert orchestra; 10-11, Starr Piano company studio.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7-7:30, Mutual Motors mirth contest; 7:30-8, program, Overells; 8-9, program, L. W. Stockwell company; 9-10, program, S. G. Stephens Motor company; 10-11, Silvertown Cord dance orchestra; 11-12 Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, Palace hotel dance orchestra; 9-10, Walter M. Murphy Motors company; 10-11, Cabiria cafe dance orchestra.

KTAB, Oakland, Calif. (239.9m-1250kc), 4-5 p. m., club notes; 8-10, program.

KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., William Tweedie, violinist; Estella Williams, vocalist; Jean Fulmer, pianist; Helen Ingersoll, reader; Y. W. C. A. program.

Tuesday, May 4

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:30 p. m.	8:30	7:30	6:30	5:30
WHAS (399.8m-750kc), Carl Zoeller's Melodists.				
10	9	8	7	6
WBAL (245.8m-1220kc), Naval academy band.				
WBZ (333.1m-900kc), Polish harp music.				
WGN (302.8m-990kc), "Bohemian Girl."				
WHO (526m-570kc), Special music week program.				
10:30	9:30	8:30	7:30	6:30
WBBM (225.4m-1330kc), Moss Covered Melodies.				
WSAI (325.9m-920kc), Hawaiian musical program.				
12 m.	11	10	9	8
KGO (361.2m-830kc), Eveready hour.				
12:25 a. m.	11:25	10:25	9:25	8:25
KTHS (374.8m-800kc), Comedy songs.				
12:45	11:45	10:45	9:45	8:45
WSB (428.3m-700kc), Evolution of Dixie.				
KPO (428.3m-700kc), Gypsy and Marta.				
1	12	11	10	9
KNX (336.9m-890kc), Russian string trio.				

Tuesday, silent night for: CFCA, CHIC, CKNC, CNRC, CNRE, CNRM, CNRO, CNRT, CNRW, KFKX, KUOA, KFUO, KFWA, KOA, KOAC, KOB, KOWW, KUOM, KSAC, KTAB, KWSC, WABQ, WAHG, WAIU, WAMD, WBBR, WCAL, WCAP, WEMC, WGCP, WHA, WHAZ, WJAZ, WKAF, WLWL, WMAK, WMAZ, WOI, WOS, WSMB, WSUI, WTAM, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8-11, WEAF; 10, WEAF; 11:05, Kenyon theater.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg instrumental trio; 8:10, The Three Brothers; 8:45, Charles Higgins, Joe Burke, popular song writers; 9, Robert Frazer, blind gospel singer; 9:30, Radio playlet, Esther Lawrence and her players; 10, Eddie Malle and Danny Dougherty, songs; 10:30, Billy Hayes and his Cathay Tea Garden dance orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Louise Lawrence trio; Vincent Lopez and his orchestra; Nancy McCord, soprano; Marshall Bartholomew; Grand Prize Eurekas; Gold Dust Twins, Eveready hour; Vincent Lopez and his orchestra; Ross Gorman and his orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., Minute Men; 8-11:30, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8-10:30, WEAF; 10:30, Vincent Lopez and his orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seaside hotel trio.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:15 p. m., Nat Martin and his orchestra; 7, Uncle Wip's bedtime stories; Dorothy Kilbes, pianist; 8:15, Annual Commencement exercises, Combs Conservatory of Music; 9, Boy Week concert; 10:05, Emo's weekly movie talk; 10:30, El Patio dance orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 7:30 p. m., musicale; 8-10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Irish Wolfhound; 8:30, Deltah Pearl hour, WRC, WGY; 9, U. S. Marine band, WRC; 10, Grand tour, "Scotland", WGY, WRC; 10:45, George Olsen's Hotel Pennsylvania Grill orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15 p. m., dinner music; 10:30-11:30, musical program, Beaver Products company.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Adelphia dance orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Traymore dinner music; 7:45, fashion flashes; 8, Cecile Steiner, violinist; Margaret Irwin, pianist; 9, Chalfonte-Haddon hall dual trio; 10, Katz and his kittens; 10:30, Karl Bonawitz; 11, Silver Slipper supper club dance orchestra.

WTAG, Worcester, Mass. (267.7m-1120kc), 8-8:30 p. m., WEAF; 9-10, WEAF; 10:30-11, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., sacred song half hour; 9, KDKA Little Symphony orchestra; Etta Cunningham, soprano; Chauncey Parsons, tenor; 11:35, Grand theater.

WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet; 8, studio program; 10, Times Press hour.

WBAL, Baltimore, Md. (245.8m-1220kc), 10:30-11 p. m., recital, Peabody Conservatory of Music; Frederick D. Weaver, organist.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-9:30 p. m., Alemite orchestra; Metropolitan mixed quartet; 9:30-10, Moss Covered melodies; 10-11, Harmonious hash, Howard Osborne's vanity fair orchestra; Matched-Unit quartet; 11-12 midnight, dance period.

WBZ, Springfield, Mass. (333.1m-900kc), 6:15 p. m., Hotel Kimball trio; 6:30, best papers, "Literary Values in Recent Books," Prof. Robert Emmons Rogers; 7, Greenfield Knights of Columbus glee club; 7:45, Mrs. Walter Widlansky, soprano; 8, movie club; 9, Polish harp music, Tony Rutkowski; 9:15, Elin S. Ostberg, tenor; 9:30, Alessandro Niccoli, violinist.

WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., ladies' quartet; seven-piece instrumental ensemble; J. D. Thomas, soprano; duets, Mrs. Mayfield and Mrs. LaRose; Mildred Donovan, contralto; Daniel Mason, trombonist; Messrs. DePew and Rendall, flutists; Carl Newcomer, saxophonist; Josephine Taylor and Rella McCormack, pianists.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Edgewater Beach Hotel Oriole orchestra; Kathryn Forbes; Lydia Lochner; 9:10-10, Uptown theater; 11-12:30, Gail Bandell; Syncopating Serenaders.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7:15 p. m., Blackstone string quintet, Drake concert ensemble; 8-9, WEAF; 9-10, "The Bohemian Girl"; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, musical program, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., WGY orchestra; Meryl Hoke, mezzo-soprano; 7:30, WJZ; 8, WRC; 8:30, WGY orchestra; 9:30, Beaver hour, WMAK, WFBL, WHAM.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney, organist; 7:40, Grayling's ensemble; 7:50, Loftis Diamond quartet; 8:45-10:15, (238m-1260kc), Cinderella cafe orchestra; 10:30, (399.8m-750kc), Kitchen Klenzer entertainers; 10:50, Pat Barnes and Al Carney; 11:10, U. S. L. half hour of dance music; 12, your hour league.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Chester Newman, baritone; WIBO string trio; midnight jamboree.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., dance program, Club Chez Pierre; Earl Hoffman orchestra; Pierre revue.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., children; 10-11, Palmer House Victorians; Rushmore ensemble singers; 12:30, settin' up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:15-7:20 p. m., the Million Sing; 7:20-7:30, Old Fashioned Almanack, 7:30-8, WEAF; 11-11:20, songs, Correll and Gosden, 11:20-12:30 a. m., ensemble, Charley Straight's Rendezvous cafe orchestra; Drake dance orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., College Inn orchestra; 7:15, Maurie Sherman's College Inn orchestra; 7:30, Ralph Emerson, organist.

WLW, Cincinnati, Ohio (422.3-710kc), 6 p. m., Norrine Gibbons and her girl friend; 6:30, Esther Strittmetter, soprano; 7:30, piano memories, Mary Woscezek; 9, concert program; Spanish program; 10, Mary Alice Cheney, contralto; 10:30, music and moving picture description of "Tramp, Tramp, Tramp."

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Sheetz' Hotel LaSalle orchestra; 8, to be announced; 9:20, program.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon ensemble; Preston Graves, pianist; Margaret Conrad, violinist; Hilda Hinrichs, cellist; Genevieve Burnham, special program, operatic selections; 9-11, Trianon orchestra, Woodlawn theater orchestra; Hilda Hinrichs, cellist; Oxford Girls, harmony duo; Joe Warner, character songster; Andy Anderson.

WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; tenor; string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program, studio program.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-10 p. m., ye olde tyme songe feste; 10-11, Van Wyck instrumental quartet.

An attractive program to be put on the air at KUOA during Music Week will be directed by Prof. Harry E. Shultz. He will present the Men's glee club quartet.

KDKA TO GIVE FAMOUS ORATORIOS

Tuesday, May 4

WORD, Batavia, Ill. (275m-1090kc), 7 p. m., Public Service company; 7:45, Bible questions; 9, LaGrange Baptist church; 11, Public Service company of Northern Illinois; Bruce Bell; 11:45, good reading.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert, Ralph Williams and his Rainbo Gardens orchestra; Ambrose Wyrick, silver-toned tenor; Mabel Greist, concert violinist; Albert Hellman, concert pianist; 10-1 a. m., Ralph Williams and his Rainbo Skylarks; Jerry Sullivan, Rose Vandertoesch; Hal Lansing and his uke; popular songs; 1-2, Ginger hour, Ralph Williams and his Skylarks.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., WJZ; 7:30, U. S. Marine band, WJZ, WGY; 9, WJZ; 9:30, musicale; 10:30, Hotel Mayflower orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 11-1 a. m., Old South Negro quartet; Hotel Richmond Winter Garden orchestra.

WSAI, Cincinnati, Ohio (325.9m-920kc), 6 p. m., twilight musicale; 7, WEAF; 7:30, musicale; 8, WEAF; 9, entertainment; 9:30, Community Chest, Hawaiian musical program.

WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; popular artists; 10, Skylark quartet; Terrace Garden five.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner music, Guy Lombardo and his Royal Canadians.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:05-10:30, University of Nebraska.

KFDM, Beaumont, Tex. (315.6m-950kc), 8-10 p. m., orchestra; Southern Ramblers orchestra.

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., Gage Brewers Hawaiians.

KFNF, Shenandoah, Ia. (263m-1140kc), 7 p. m., concert.

KFUO, St. Louis, Mo. (545.1m-550kc), 6:30 p. m., Bible story, "Jesus Blesses Little Children".

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., classical program; 11:59, weekly midnight program.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., May's Mandolin Musicians.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6 p. m., Arthur L. Ut, Mrs. Jacque Landree; 7, Little Red Schoolhouse; 8, orchestra; 9:30, Marguerite Schmidt, pianist; 10, Colonel 6121.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Wilson Doty, pianist; 6:35, Royal Fontenelle orchestra; 7:05, Bernard Holliday, pianist; Orin Miller, clarinetist; 7:30, studio program; 8, Store for Women; 11, Hotsy Totsy hour.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., dance orchestra; 8:30, novelty concert; 9, Edna Adams; Mrs. E. E. Sawyer.

KSD, St. Louis, Mo. (545.1m-550kc), 6-9:30 p. m., WEAF.

KSO, Clarinda, Ia. (241.8m-1240kc), 7 p. m., J. H. Todd orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-10 p. m., New Arlington hotel orchestra; 10, Elizabeth Bowe, pianist; 10:25-10:50, negro dialect, Al Reynolds, Mrs. Sam Stone.

KUOA, Fayetteville, Ark. (299.8m-1000kc), 8 p. m., Sigma Alpha Iota sorority.

KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., Jaska Delbahary's orchestra; 6-7, musicale; 7:30-8, Congress hotel studio; 9-9:30, Edison company studio; 9:30-10:30, Congress carnival.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Euterpean club; 9:30-11, Parent-Teachers Council.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6-8 p. m., WEAF; 8, Home Brand sextet.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Trianon ensemble; 11:45-1, Ted Weem's Victor Recording orchestra; Billy Adair's orchestra; Johnnie Campbell's orchestra.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Southern Methodist University faculty musical recital; bridge game; 11-12, Dallas Athletic club orchestra.

WGBF, Evansville, Ind. (236.1m-1270kc), 8 p. m., Typographical Union; 9, musicale.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Carl Zoeller's Melodists.

WHB, Kansas City, Mo. (365.6m-820kc), 8-9 p. m., Symphonic quintet; 9-10, musical program.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Raleigh quintet; 8-9, special "Music Week" program; 11-12, Bankers Life Corn Sugar orchestra.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., concert, J. K. Morrison; 11, Britling orchestra.

WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Gehlbach Mexican players.

WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., Hugo Heyn, xylophonist; 6:50, Herb Peterman and his orchestra; 9, program; 10:30, Frank Hodek and his Nighthawk orchestra.

WOC, Davenport, Iowa (483.6m-620kc), 6-8 p. m., WEAF.

WRR, Dallas, Texas (245.8m-1220kc), 6-7 p. m., dinner concert, Jack Gardner's orchestra; 8-9, program, Joe Montgomery.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., New High entertainers; 10:15, Evolution of Dixie.

WSM, Nashville, Tenn. (282.8m-1060kc), 10 p. m., dance frolic.

Mountain Standard Time Stations

KFXF, Colorado Springs, Colo. (250m-1200kc), 8:30 p. m., Mrs. Maude Sanders Faust, pianist; Mrs. E. S. Zell, soprano; Fred H. Shantz, baritone; Mrs. Daniel Thatcher, violinist.

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m.,

This charming young lady is the staff pianist at WKAF, Milwaukee. Her name is Kathleen Clark.

Chinese Gardens dance orchestra; 8-9, Screen artists string quartet; 9-10, program, chamber of commerce in the California Redwood Tree Realm; 10-11, Packard Radio club in popular song numbers.

KFON, Long Beach, Calif. (232.4m-1290kc), 8-9 p. m., Press-Telegram studio; 9-10, Aero club frolic; 10-11, studio program; 11-12 midnight, State theater organ.

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac Six dinner hour; 8-9, program, Richard Hellman, Inc.; 9, The Little Ant Man; 9:50-10, Warner Brothers Syncopators; 10-11, Warner Brothers frolic, Bill Hitch and his Oakmont Country club orchestra.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., twilight concert; 8-9, National Music week, Eveready program; concert orchestra; Marimba band; Floyt Gough, cellist; Beatrice Benaderet, soprano; 9:10-10, instrumental trio; 10-12, dance music.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, Curt Kramer, soloist.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Weekly visit of Queen Titania and the Radio Fairies; 8-10, Times de luxe program.

KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Starr Piano company studio; 7:45-8:30, Hollywood community sing; 8:30-10:30, KMTR concert orchestra, Loren Powell, director.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7-7:45, program, Geo. E. Read, Inc.; 8-9, program, Builders' Finance association; 9-10, program, Western Auto Supply company; 10-12, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, "Out of the West," Allen Wilson, tenor; Lucille Breskell, soprano; 9-10, Gypsy and Marta; 10-11, Palace hotel dance orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour, Adolf Tandler instrumental group.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-9 p. m., Mills college.

Wednesday, May 5

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8:15 p. m.	7:15	6:15	5:15	4:15

WTIC (475.9m-630kc), National Music Week program.

9	8	7	6	5

KMOX (280.2m-1070kc), Overture, Missouri theater.

10	9	8	7	6

WSB (428.3m-700kc), Shrine Chanters.

10:15	9:15	8:15	7:15	6:15

WEAS (399.8m-750kc), Kentucky choral society.

WEO (526m-570kc), Four Musketeers.				
10:30	9:30	8:30	7:30	6:30

WBZ (333.1m-900kc), The Heiser "Three."

11:05	10:05	9:05	7:05

KTHS (374.8m-800kc), Spanish selections.

11:30	10:30	9:30	7:30

KFXF (249.9m-1200kc), Music club.

12 m.	11	10	8

WSM (282.8m-1060kc), Bohemian Music club.

Wednesday, silent night for: CHIC, CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRV, KFAU, KFXF, KGO, KLDS, KMMJ, KOB, KOIL, KPSN, KSAC, KTAB, KUOA, WABQ, WAIU, WBAL, WBAP, WBBR, WCAL, WCBD, WEBW, WFAA, WGBF, WGBS, WGCP, WHAR, WHAZ, WIP, WJAD, WJAZ, WLWL, WMC, WOAI, WOAW, WOI, WPG, WRC, WRR.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 9 p. m., Salvation army; 11, Gilbert Watson and his orchestra.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8-9, WEAF; 9, Kramers' orchestra; 10, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg; 8:10, Joe Murphy, pianist; 8:30, Clarence Seaman and his orchestra; 9, recital; 9:25, Ruppert and McCullough, banjoists; 9:45, songs; 10:30, Carl Zoehras, Lou Herscher, popular songs; 10:45, Frank Cook, old-time songs; 11, Artie Bittong's Cheer-Up club.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Parnassus string trio; Harmon and Zeitz, Vincent Lopez and his orchestra; Shinola Merrymakers, Gentleman of 2 in 1, Davis Saxophone octet.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., Peerless tours, Joe Toye; 8-11, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 7 p. m., Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Lake City orchestra of Dunkirk; 8, WEAF; 10, Arthur Voit, featuring a vocal and violin program; 11, supper-dance music.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; Uncle Wip's bedtime stories; Rose DeNario, soprano.

WJAR, Providence, R. I. (305.9m-950kc), 7:30 p. m., WEAF; 9, musicale; 10, Tabloid play.

WJZ, New York, N. Y. (454.3m-660kc), 8 p. m., Imperial Imps; 8:30, Lewissohn Free Chamber music; 10:45, George Olsen's Pennsylvania Grill orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 8:30, recital; 9, P.R.T. concert; 10, Areadia cafe dance orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-10 p. m., musical program.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dinner dance music; 8, WEAF; 9, recital; 9:55, address, Rev. Forest Dager; 10, Fox theater studio program; 10:30, Sylvania dance orchestra.

WTAG, Worcester, Mass. (267.7m-1120kc), 8:30 p. m., WEAF; 8:30-10, program; 10-10:30, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., Allegro mandolin sextet.

WADC, Akron, O. (285.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 8-9, Marion McFall Kaye, soprano; George Bolek, pianist; Celia Brace, violinist; 9-10, U. S. Naval Academy band; 10-10:30, WBAL male quartet.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Rudy Winters, baritone; Alemite orchestra; 12-2 a. m., Alemite orchestra.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Kimball trio; 6:15, Hotel Lenox ensemble; 6:30, Musical Mirth makers; 7:30, WBZ concert group; 8:30, Gibbs Piano company; 9:30, Heiser Three.

WCAP, Washington, D. C. (468.5m-640kc), 7-7:30 p. m., WEAF; 8-10, WEAF.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Osborn's orchestra; Florence Behrend; Frank Greif, Frank Bordner; 9:15-10, Osborn's orchestra; Frank Bordner; Lawrence Salerno; 11-12:30, Oriole orchestra; Ray Romayne, Florence Behrens.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., diversified program; Rex Dantzler, tenor; Marion Hoffman, pianist; Mrs. Carl Stevens, Ticket Holmes, novelty duetists.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7:15 p. m., Blackstone string quintet; 8-9, musical program; 9-10, May concert; 10-10:10, Sam 'n' Henry; 10:10-10:20, studio music; 10:20-11, musical program.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., Hotel Onondaga orchestra, WFBL; 7:30, Eastman theater orchestra, WHAM; 8:05, musical program, Rochester, WHAM.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Bernice Taylor, soprano; Edwin Kemp, tenor; 7:20, Borden organ recital; 8, Ray-O-Vac concert; 8:45-11:40, (285m-1260kc), Cinderella cafe orchestra; 12, (399.8m-750kc), your hour league.

Ross Alexander, baritone, appears during the Repertory theater programs at WBZ, Springfield. These programs are popular with fans. Photo, Boris.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Dorothy Rae, soprano; Charles Champlin, baritone; 10-12 midnight, popular program.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., opera club.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., Mooseheart children; 10-11, Palmer House Victorians; Isabel Defaut; Simeon Olivier; 12:30, sittin' up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:20-7:30 p. m., Old Fashioned Almanack; 11-11:20, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble, Charley Straight's Rendezvous cafe orchestra; Drake hotel dance orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., Maurie Sherman's College Inn orchestra; 7:30, Ralph Emerson, organist; 8, popular music; 9, WLS trio; 10, popular music; 11-1, WLS circus.

WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Hotel Gibson concert orchestra; 7:40, Gibson orchestra; 8, songs, Bertha Paszty; 8:15, College of Music orchestra, soloists; 9:45, poems, Louis John Johnen; 10, Thorobred entertainment; 11, Cincinnati Post program.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater program; 6:30, Sheatz' Hotel LaSalle orchestra; 8:55, WMAQ players.

WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-11 p. m., 16-Fingered Paul; Meke Marrin, Helen Neuman, Sid Goldman, Jim Forshey, Ruth Glaser, Pearl Knudson.

WORD, Batavia, Ill. (275m-1090kc), 7 p. m., North Shore line; 9, Webster hotel trio orchestra; 9:20, lecture.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Ralph Williams and his Rainbo Gardens concert orchestra; Ambrose Wyrick, tenor; Mabel Griest, violinist; Albert Hellman, pianist; 10-1 a. m., Ralph Williams and his Rainbo Skylarks; Melodians; Joe Warner, Oxford Girls, Gail Bandell; artists; 1-2, Ginger hour.

WRVA, Richmond, Va. (256.3m-1170kc), 9:15 p. m., F. Flaxington Harker, organist; 10:15-12:15, two hour program.

WSAI, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., chimes; 7, WEAF; 7:30-8, WEAF; 10:15, Congress Playing card string quartet.

WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Ray Dean; Terrace Garden orchestra; Tennessee Ginger Snaps; 10, Ruby Rossiena; Dave Darcie; Terrace Garden Five.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner music, Carl Rupp and his Hotel Hollenden orchestra; 8-11, Public Auditorium program; 11-1 a. m., dance music, Guy Lombardo and his Royal Canadians.

WTIC, Hartford, Conn. (475.9m-630kc), 7:15 p. m., national music week; 9:15, Laura C. Gaudet, pianist, 9:30, Esther A. Nelson, organist.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF; 7:30, orchestra; 8, WEAF; 9, WEAF.

Central Standard Time Stations

CNRW, Winnipeg, Can. (384.4m-780kc), 9 p. m., marimbaphone duet, Mulhearn Brothers; Marion Brown, vocalist; Eveline Wildgoose, pianist; Hazel Mills, soprano; 10, Fort Garry hotel orchestra.

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Harriet Cruise, Oriole of the Air; Mike Kopac, King of the Ivories; Gloomy Gus; Harmony Boys.

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., classical concert.

KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., Lincoln program.

KFNF, Shenandoah, Ia. (263m-1140kc), 7 p. m., Henry Field Seed company.

KFUO, St. Louis, Mo. (545.1m-550kc), 9:15 p. m., question box; "What Chance Has the 'Moral Man' for Heaven?" Prof. F. Kretzmann; band concert.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., popular musical program, singing and clogging, Bob and Babe Riddle; songs, Willy Cunningham.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6 p. m., Arthur L. Ut, Mrs. Jacque Landree; 7, Missouri theater; Albert Tucker, violinist; 8, orchestra; Marguerite Schmidt, pianist; Mildred Doland, soprano; 9, orchestra; Elizabeth Cueny, narrator; 10, orchestra.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Mona Motor Oil entertainers; 6:35, Art Marr's Imperial dance orchestra; 7:30, program, Schmoller and Mueller Piano company; 11, Hotsy Totsy hour.

KPRC, Houston, Tex. (296.9m-1010kc), 6:30 p. m., Harold Oxley's Warwick Hotel orchestra; 7:30, Jack Willrich's orchestra; Virginia Willrich, piano accordionist; 8:30, Frank Tilton, blind boy pianist; 10:30, Vaughan's Virginians.

KSD, St. Louis, Mo. (545.1m-550kc), 6 p. m., WEAF; 6:30, Hotel Statler orchestra; 7, WEAF.

KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Duncan Sisters; 7:30, Merry Seven orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-9:45 p. m., Spanish selections; 9:45-10, Lawson Reid, organist; 10-10:45, Southerners orchestra.

KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., Joska DeBabary and his orchestra; 6-7, musicale; 8-9:30, Edison company studio; 9:30-10:30, Congress carnival.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6-8 p. m., WEAF; 8, church service; 9, Nash-Finch concert orchestra; 10:05, Wallie Erickson's Coliseum orchestra; 11:30, Eddie Dunstedter, organist.

WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., string quartet; C. M. Kelly, vocalist; Michael DiLustro, tenor; Olga Barnes, reader; Willie Ida Thomason, violinist; Howland trio, harmonica, violin, banjo and uke selections.

WDAF, Kansas City, Mo. (365.6m-820kc), 5-7 p. m., Trianon ensemble; 8-9, classical music; 9-10, WEAF; 11:45-1, Plantation Grill studio.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., H. Edwards, bass; Agnes Sorenson, pianist; Dowagiac High School orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8:15 p. m., Reynolds-Kent Hotel Kentucky orchestra; 8:25-10:45, Kentucky choral society, 250 voices, orchestra.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., popular songs, Bert Beuder; Zelma Maddock, pianist; 10:30-11:30, midweek musicale.

WHO, Des Moines, Ia. (526m-570kc), 6-7 p. m., Bankers' Life Little symphonic orchestra; 7:15-8:15, Irene Doran and her Little symphony orchestra; 8:15-9, special "Music Week" program; Dr. and Mrs. Hurd, Hawaiian guitar artists; Four Musketeers; 9-12, dance programs.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon duo; Eleanor Kaplan, violinist; Arvid Anderson, baritone; Preston Graves, pianist; Monte Blum, tenor, request program; 9-11, Trianon orchestra; Woodlawn theater orchestra; request numbers, favorite stars.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Army night, Ft. Sam Houston.

WOC, Davenport, Iowa (483.6m-620kc), 6-6:30 p. m., WEAF; 9-10, Erwin Swindell, organist.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Shrine Chanters; 10:15, Brenau college artists.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's concert orchestra; 8, Vito Pellettieri's orchestra; 10, Frances Bohannon music club.

WSMB, New Orleans, La. (319m-940kc), 9:30-11:30 p. m., Mrs. Myer Prince and artists.

WSUI, Iowa City, Iowa (483.6m-620kc), 8:30 p. m., readings.

Mountain Standard Time Stations

KFWA, Ogden, Utah (260.7m-1150kc), 9-10 p. m., Ollie Reeves and his orchestra; 10-11, Paramount theater program; 11-12 midnight, Ollie Reeves and his orchestra.

KFXF, Colorado Springs, Colo. (250m-1200kc), 8:30 p. m., Colorado Springs Music club; American Music society.

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:15, Albert Sechrist Mfg. company; KOA

Wednesday, May 5

orchestra; instrumental trio; Agnes Clark Glaister, soprano; Edward Wolters, baritone; Della Hoover Francis, violinist; 10-12, Broadmoor Rhythm Rustlers.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Grebe Synchrophase string ensemble; 7:30-8, Nick Harris' detective story; 8-9, program, Ventura Refining company; 9-10, program, A. V. Shotwell Corp.; 10-11, program of dance and popular songs.

KFON, Long Beach, Calif. (232.4m-1280kc), 7-8 p. m., Studio program; 8-9, Press-Telegram studio; 9-10, Prizma hour; 10-11, Oriole dance orchestra.

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac six dinner hour; Dr. H. S. Marshutz; 8-9, Sphinx Motor Oil company; 9-10, program, Pacific Development company; 10-10:30, Mutual Motors Mirth contest; 10:30-11:30, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Brokaw and orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, concert; 9-10, vocal and instrumental music; 10-11, concert, Sherman, Clay and company.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-7:30 p. m., Boys' Week program; 8-10, Artland club program, Zoellner string quartet.

KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Radio Press Agent; 7-8, L. A. Railway orchestra; 8-10, KMTR concert orchestra; Dan Gridley, tenor; 10-11, Starr Piano company studio.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7-8, program, Hoyt Water Heater company; 8-9, program, Security Trust & Savings bank; 9-10, Motor Transit stages program; 10-11, studio program; 11-12, Ambassador hotel dance orchestra.

KOAC, Corvallis, Ore. (280.2m-1070kc), 7:20 p. m., piano solos.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, Atwater Kent artists; 9-10, Goodrich Silvertown Cord orchestra; 10-11, States Restaurant orchestra.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., program.

KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., Kiwanis club.

Thursday, May 6

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific	Program
9 p. m.	8	7	6	5	KFNF (263m-1140kc), Old-time music.
9:30	8:30	7:30	6:30	5:30	WHAS (399.8m-750kc), Elks' band.
10	9	8	7	6	KDKA (309.1m-970kc), Old Fashioned quartet.
10:30	9:30	8:30	7:30	6:30	KPRC (296.9m-1010kc), Wendell Hall.
10:45	9:45	8:45	7:45	6:45	WLW (422.3m-710kc), Excerpts from "Rigoletto," and "The Two Orphans."
11:05	10:05	9:05	8:05	7:05	KTHS (374.8m-800kc), French harp.
12 m.	11	10	9	8	KGO (361.2m-830kc), "Where the Rainbow Ends," play. "Lobster a la Newberg," play. KGW (491.5m-610kc), Vaudeville, Boys of "66."
1 a. m.	12	11	10	9	WBAP (475.9m-630kc), "A Step On the Stairs," mystery serial. KNX (336.9m-890kc), Wisecracker's club.
1:30	12:30	11:30	10:30	9:30	WBAP (475.9m-630kc), Spiritual singers.

Thursday, silent night for: CHIC, CKNC, CNRA, CNRE, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFAU, KFMX, KFOA, KFUO, KFWA, KLX, KMOX, KOA, KOAC, KOB, KSAC, KWSC, PWX, WABQ, WAFD, WAHG, WAIU, WCAP, WCEE, WDOD, WEAO, WEBJ, WEBW, WEMC, WGFB, WHA, WHAD, WHAZ, WJJD, WMAK, WMAZ, WNAD, WOOD, WOR, WOS, WSM, WSUI, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 8:30 p. m., Clement Hambourg, pianist; William Hardiman, violinist.

WBBR, New York, N. Y. (272.6m-1100kc), 8 p. m., Carl Park, violinist; Fred Twaroschk, tenor.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, concert; 8:30, WEAF; 9, WEAF; 10, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Billy Hayes and his Cathay Tea Garden dance orchestra; 8, The Eight Bright Boys; 8:30, Virginia Klein, pianist; 8:45, The Kandy Kids; 9, Barry O'Moore, Irish tenor; 9:30, The Musical Chefs; 9:45, comedy lesson; 10, Sesquicentennial hour; 11, dance orchestra; 11:30, revue.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Lillian Peddrick Schell, violinist; Edna Fields, contralto; Vincent Lopez and his orchestra; Vlado Kolisch, violinist; Hires Harvesters, Cliquot Club Eskimos; Silvertown Cord orchestra; Vincent Lopez and his orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., musicale; 8-11, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8-11, WEAF.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seaside hotel trio; 9, concert; 9, studio concert; 11, Follies Bergere dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; scores; 7, Dolores Arnade, piaist; 8:15, Golden Slipper Square club banquet; 10:05, Nat Martin's orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 8 p. m., Hudson-Essex orchestra; 9-11, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Vanderbilt orchestra; 7:30, Judge, Jr.; 8:30, Voice of the silent drama, "Sweet Daddies", WRC; 9, Royal Typewriter salon orchestra, WRC, WGY, WCAD; 10, Record Boys, WRC; 10:30, Freddie Rich's Hotel Astor Orangerie orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15 p. m., dinner music; 7:30, Humphrey Sisters.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Adelphia dance orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Morton dinner music; 8, Wildwood Baptist choral society; 9, Hotel Traymore concert orchestra; 10, Blackman's dance orchestra; 10:30, Katz and his Kittens; 11, Eddie McKnight's dance orchestra.

WTAG, Worcester, Mass. (267.7m-1120kc), 8-8:30 p. m., program; 9-10, WEAF; 10-11, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., Carl Maria Von Weber, KDKA Little symphony; 9, Old Fashioned quartet; 11, concert.

WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet, 8, Grolbert Sheet Metal and Heating company; 10, WEAF.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 8-10, Henriette Rios Kern, soprano; Morris Cromer, baritone; Frederick H. Gottlieb, flutist; Minnie Faber, pianist; Ruth Truitt, violinist; 10-11, Michael Weiner's ensemble.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Dress parade of popular music, Alemite orchestra; Ruby Rosina, Vic Fredericks, air comedian; 10-10:30, Moss Covered Melody period; 10:30-11, Howard Osborne's Vanity Fair orchestra; Alemite orchestra; Ruby Rosina, Maurice Silverman, tenor; Metropolitan mixed quartet; 11-12 midnight, dance period.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Kimball trio; 6:30, Hotel Lenox ensemble; 6:45, M. A. C. Radio forum; 7, William Russell, banjoist; Esther G. Gettinger, soprano; Francis G. Loury, pianist; 8, Madame Blanche Archambault, soprano; 8:30, Arthur Clifton, organist; 9:30, Cook's Butterfly ballroom.

WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., Zion band, male quartet; Esther Wiedman, soprano; M. P. Barton, tenor; J. D. Thomas, baritone.

WEBH, Chicago, Ill. (370.2m-810kc), 7 p. m., special recital; 9:15, Oriole orchestra; Ruth Buhl Flick, reader; Dorothy Herman Blum; 11-12:30, Oriole orchestra; Pat Ward; Rita McFawn, Mary Bieber.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Drake concert ensemble; 8-9, WEAF; 9-10, WEAF; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., Syracuse university program; 8, WJZ; 9, WGY orchestra; Gladys Lewis, soprano; 10:30, Stephen E. Boisclair, organist.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney, organist; 7:30, Grayling's ensemble; May Gartin, contralto; 8:45-10:15 (238m-1260kc), Cinderella café orchestra; 10:30 (399.8m-750kc), Kitchen Klenzer klassics; 11:10, U. S. L. entertainers; 12 midnight, your league.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 12 midnight, jamboree.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Spanish Garden Studio; Franz Wagner, cellist; Bernice Yanacek, pianist, and Dorris Irene Berry, contralto; Harriet Hertz Seyl, soprano; Ralph Mitten, chimes; Lynn Sackett, tenor, and Rose Kutta, soprano.

WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., The Million Sing; 7:05-7:15, The Old Fashioned Almanack; 7:15-8, WEAF; 11-11:20, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendezvous cafe orchestra; Drake hotel dance orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 7:15 p. m., College Inn orchestra; 7:30, Ralph Emerson, organist.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., dinner concert, Hotel Gibson orchestra; 8, program, Sigma Alpha Iota sorority; 9, accordion duets, Adolph and Eleanor Hedlund; 9:30, Margaret Finn, pianist; 9:45, scenes from "The Two Orphans" and "Rigoletto"; 10:03, popular concert, Doherty Melody boys; 10:40, Irene Downing and "Sentimental" Tommy Reynolds; 11, popular organ recital, Johanna Grosse; 11:30, Castle Farm dance music; 12:15 a. m., Night Howls, Crosley Sky Terriers.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel La Salle orchestra; 9:20, to be announced.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, pianist; Swedish music program; 9-11, Trianon orchestra; Woodlawn theater orchestra; ensemble; Bob Duffy, Clinton Keithley, Bob Smith, violin and celeste novelties, popular program.

WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; Tip-Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program.

WORD, Batavia, Ill. (275m-1090kc), 8 p. m., Webster hotel concert trio; 8:35, Cosmopolitan school of music.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Ralph Williams and his Rainbo Garden concert orchestra; Ambrose Wyrick, tenor; Mabel Griest, concert violinist; Albert Heilman, pianist; 10-1 a. m., Ralph Williams and his Rainbo Skylarks; Rose Vanderbosch, pianist and soprano; Hal Lansing, Bert Davis, artists; 12, Ginger hour.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., New Willard hotel orchestra; 7:30, WJZ; 8, WJZ; 9:20, WJZ; 10:30, Meyer Davis' Le Paradis band.

WRVA, Richmond, Va. (256.3m-1170kc), 9 p. m., negro chorus; 10:30-11:30, orchestra and soloists.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF; 7:15-10, WEAF.

WSWS, Chicago, Ill. (275.8m-1090kc), 7 p. m., orchestra; 10-12 midnight, Rocky Mt. male quartet; Terrace Garden Five; Alfred Holmes, ballads.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., Austin Wylie's orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 7:15 p. m., national music week.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., American Legion quartet.

KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., old-time music.

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., E. N. Brinkman, baritone; Mrs. E. N. Brinkman, contralto; George Howerton, organist; Caroline Schmidt, violinist.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., Delmonico Dreamers' orchestra.

KPRC, Houston, Texas (296.9m-1010kc), 7:30 p. m., Harry Kobusch and his orchestra; 8:30, Wendell Hall; 9, Southern Pacific Lines glee club.

KSD, St. Louis, Mo. (545.1m-550kc), 7 p. m., WEAF; 8, WEAF.

KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Baker and Anderson Harmony team; 8, Municipal band.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05 p. m., William M. Hinton, harpist; 9:25, New Arlington hotel orchestra; 10:30-10:45, Joe Kuntz, accordionist.

KUOA, Fayetteville, Ark. (299.8m-1000kc), 8:30 p. m., Mrs. O. O. Yarrington, soprano.

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., Congress hotel; 6, musicale; 7-8, Congress hotel; 8-9:30, Edison company studio; 9:30-10:30, Congress carnival.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Davis Baking Powder saxophone octet; 9:30-11, Harmony club; 11, "A Step On the Stairs"; 11:30, Spiritual singers.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7 p. m., WEAF; 9, Worch's Justrite Boys.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Trianon ensemble; 11:45-1 a. m., Ted Weems' Victor Recording orchestra; Billy Adair's orchestra; Johnnie Campbell's orchestra.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Little symphony orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Elks' band.

WHB, Kansas City, Mo. (365.6m-820kc), 8-9 p. m., Jerry Hall, Ralph Foster; 9-10, male quartet.

WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., Raleigh quintet; 8-9, Bankers Life trio; 11-12 midnight, Bankers Life Corn Sugar orchestra.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra.

WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Mistletoe Melody Maids.

WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., organ recital; 6:50, Randall's Royal Fontenelle orchestra; 9, Sunshine program; 10:30, Frank Hodek and his Nightingale orchestra.

WOC, Davenport, Iowa (483.6m-620kc), 6-9 p. m., WEAF; 9-9:30, Moline Plowboys.

WOI, Ames, Iowa (270m-1110kc), 7:30 p. m., group of children's songs, Prof. Tolbert MacRae.

WRR, Dallas, Texas (245.8m-1220kc), 6-7 p. m., Jack Gardner's orchestra; 8-9, Elena Munster, soprano, Kathryn Kennedy, contralto; artists; 11-12 midnight, program, Dyo corporation; Dr. Fred Freeland, pianist.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., entertainment; 10:45, Dr. Charles A. Sheldon, organist.

WSMB, New Orleans, La. (319m-940kc), 9:30-12 midnight, Schilling's orchestra; Radio Revelers, Liberty theater orchestra, dance program.

Mountain Standard Time Stations

CNRC, Calgary, Can. (435.8m-688kc), 9 p. m., orchestra; Wedgewood Robinson, tenor; Gladys Webb Foster, violinist; Christine Beerling, pianist.

KFXF, Colorado Springs, Colo. (250m-1200kc), 9 p. m., College of Music.

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., program, students of U. of Southern California; 8-9, comic opera program; 9-10, program of classical nature; 10-11, Patrick-Marsh dance orchestra, Betty Patrick, soloist.

KFON, Long Beach, Calif. (232.4m-1280kc), 7 p. m., Spanish lesson; 7:30-9, Municipal band; 9-10, studio program; 10-11, Lake club orchestra; 11-12 midnight, State theater organ.

KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac Six dinner hour; 7:30-8, program, Dell's Ice Cream; 8-9, program, Phillips and Hambaugh with Frazier Mountain Park orchestra; 9-10, program, Dell's Ice Cream; 10-11, Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 8 p. m., "Where the Rainbow Ends," 3-act play, KGO players, Arion trio; "Lobster a La Newberg," 1-act play, Arion trio; 10-1 a. m., dance music, Brokaw and orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-10, vaudeville program; Ebony and Ivory, piano duettists; Luke's Flower girls; 10-12 midnight, dance music, Cole McElroy's orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times tower studio, feature program.

KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Starr Piano company studio; 8-10, KMTR concert orchestra.

KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7-8, program, H. L. Crockett Motor company; 8-9, program for Willys-Overland dealers; 9-10, The Wisecrackers club, Duke and the Count, Radio's Noblemen; 10-11, studio program; 11-12 midnight, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, KPO string quartet; 9-10, Pacific musical society; 10-11, Cabiria cafe dance orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Pasadena Chamber of Commerce.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., music.

GENERAL TALKS AND SPEECHES

Saturday, May 1

Atlantic	Eastern	Central	Mountain	Pacific	Program
8:45 p. m.	7:45	6:45	5:45	4:45	WRC (468.5m-640kc), "The Work of Congress."
10	9	8	7	6	WCCO (416.4m-720kc), "Fireside Philosophies," Rev. Roy L. Smith.

Monday, May 3

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	3
					WDAF (365.6m-820kc), Address, Edgar A. Linton.
12:25	11:25	10:25	9:25	8:25	KGO (361.2m-830kc), "Chats About New Books," Joseph Henry Jackson.

Tuesday, May 4

Atlantic	Eastern	Central	Mountain	Pacific	Program
9 p. m.	8	7	6	5	WLW (422.3m-710kc), "Aeronautics, U. S. Air Service."
7:30	6:30	5:30	4:30	3:30	WHAR (275.1m-1090kc), "Glimpses Through the Stage Door," Mort Eiseman.
7:35	6:35	5:35	4:35	3:35	WGY (379.5m-790kc), "Greek Government," Prof. Harrison O. Coffin.
11	10	9	8	7	WMAQ (447.5m-670kc), Book talk, Harry Hanson.
11:30	10:30	9:30	8:30	7:30	WCCO (416.4m-720kc), "Outdoors in Minnesota."
1 a. m.	12	11	10	9	KGO (361.2m-830kc), "Wonders of the Sky," Henry M. Hyde.

Wednesday, May 5

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	WTIC (475.9m-630kc), "French Minds Seen Thru French Literature," Prof. Bussom.
9:30	8:30	7:30	6:30	5:30	WLW (422.3m-710kc), "Why We Need a Federal Blue Sky Law," Reed W. Windgardner.
11:15	10:15	9:15	8:15	7:15	KWSC (348.6m-860kc), Book review, Alice Lindsay Webb.
12	11	10	9	8	KOAC (280.2m-1070kc), "Oregon—A Wonderland."

Thursday, May 6

Atlantic	Eastern	Central	Mountain	Pacific	Program
7:30 p. m.	6:30	5:30	4:30	3:30	WHAR (275.1m-1090kc), "Historical Facts," Harry M. Haeberly, Jr.
7:35	6:35	5:35	4:35	3:35	WTIC (475.9m-630kc), Astronomy.
10	9	8	7	6	WRC (468.5m-640kc), "Political Situation in Washington Tonight," Frederic W. Wile.
1 a. m.	12	11	10	9	KGO (361.2m-830kc), "Wonders of the Sky," Henry M. Hyde.

Friday, May 7

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	WOAW (526m-570kc), Music review, Hester Bronson Copper.
8:45	7:45	6:45	5:45	4:45	WGR (319m-940kc), Joint Charities address.
9:30	8:30	7:30	6:30	5:30	WCAL (336.9m-890kc), Book talk, Dr. George Weida Spohn.
11:30	10:30	9:30	8:30	7:30	KHJ (405.2m-740kc), "Romance of Santa Fe Trail," Gladys De Witt.
11:15	10:15	9:15	8:15	7:15	KHJ (405.2m-740kc), "Los Angeles to Paris, 1940," W. D. Waterman.

Saturday, May 8

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	WDAF (365.6m-820kc), Educational series.
8:45	7:45	6:45	5:45	4:45	WRC (468.5m-640kc), "The Work of Congress."
8:30	7:30	6:30	5:30	4:30	WGY (379.5m-790kc), "Opening Yosemite National Park to Year 'Round Auto Travel," Col. Charles A. Simmons.

Monday, May 10

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	WDAF (365.6m-820kc), Address, Edgar A. Linton.
12:25	11:25	10:25	9:25	8:25	KGO (361.2m-830kc), "Chats About New Books," Joseph Henry Jackson.

Tuesday, May 11

Atlantic	Eastern	Central	Mountain	Pacific	Program
9 p. m.	8	7	6	5	WLW (422.3m-710kc), "Aeronautics, U. S. Air Service."
11	10	9	8	7	WMAQ (447.5m-670kc), Book talk, Harry Hanson. WOC (483.6m-620kc), Travel talk.
11:30	10:30	9:30	8:30	7:30	WCCO (416.4m-720kc), "Outdoors in Minnesota."

Wednesday, May 12

Atlantic	Eastern	Central	Mountain	Pacific	Program
11:30 p. m.	10:30	9:30	8:30	7:30	KWSC (348.6m-860kc), Book review, Alice Lindsay Webb.

Thursday, May 13

Atlantic	Eastern	Central	Mountain	Pacific	Program
1 a. m.	12	11	10	9	KGO (361.2m-830kc), "Wonders of the Sky," Henry M. Hyde.

Friday, May 14

Atlantic	Eastern	Central	Mountain	Pacific	Program
8 p. m.	7	6	5	4	WOAW (526m-570kc), Music review, Hester Bronson Copper.
11:30	10:30	9:30	8:30	7:30	KHJ (405.2m-740kc), "Romance of Santa Fe Trail," Gladys De Witt.

Friday, May 7

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific	Program
2:30 p. m.	1:30	12:30	11:30	10:30	KPRC (296.9m-1010kc), Wendell Hall.
8:30	7:30	6:30	5:30	4:30	WLIT (394.5m-760kc), Mentopine Minstrels.
9	8	7	6	5	WCAE (461.3m-650kc), Mozart choir. WJZ (454.3m-660kc), WGY (379.5m-790kc), Baldwin hour.
9:30	8:30	7:30	6:30	5:30	KSD (545.1m-550kc), Commerce hour.
10	9	8	7	6	WLS (344.6m-870kc), Young American artists' series. WTIC (475.9m-630kc), Coast Guard band concert.
10:30	9:30	8:30	7:30	6:30	KFAB (340.7m-880kc), Harmony Six. WBZ (333.1m-900kc), Orange night. WGR (319m-940kc), Piano-accordion program. WGY (379.5m-790kc), Anniversary program.
11:05	10:05	9:05	8:05	7:05	KTHS (374.8m-800kc), Italian folk songs.
11:15	10:15	9:15	8:15	7:15	KOA (322.4m-930kc), Miles High trio.
12:30 a. m.	11:30	10:30	9:30	8:30	WOC (483.6m-620kc), "A Step On the Stairs," mystery serial.

Friday, silent night for: CFAC, CHIC, CKAC, CKNC, CKY, CNRC, CNRM, CNRO, CNRR, CNRW, KFAU, KFWA, KFXF, KLDS, KPRC, KPSN, KSAC, KUOA, KUOM, PWX, WBBR, WCAD, WCBD, WEAO, WEBW, WGBS, WGST, WHAZ, WIP, WJAZ, WKRC, WLW, WLWL, WMAK, WNAD, WRC, WREO, WRVA, WSAI, WSMB, WSUI, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, Mozart choir; 9:30, WEAF; 10:30, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:45 p. m., Clarence Seaman and his orchestra; 7:30, Snellenburg instrumental trio; 8, Aresoni, operatic tenor; 8:15, chiropractic talk; 8:30, the singing groundhog; 8:45, The Bryan Girl; 9, Regina Crooners; 9:15, Dwight Strickland, poetician; 9:30, melody orchestra; 10, Archie Lloyd, songs; 10:30, Jack Myer's Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Michael Barile, reader; Louise M. Baxter, soprano; Hotel Waldorf-Astoria; Notch Inn orchestra; Dickens corner; Happiness Candy Boys; Eagle Neutrodyne trio; Cities Service quartet; Whittall Anglo-Persians; Ben Bernie and his orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 6:13 p. m., Hunter's Cabin orchestra; 7:30, Whiting's Four Merry Milkmen; 8:30, Sandy MacFarlane; 9, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Clef trio; 7:30, WEAF; 8, Audubon Terrace Meadow Larks; 8:45, Joint Charities address; 9, Winger's Crescent Park entertainers; 9:30, Gladys Lindsay, soprano; 10, WEAF; 10:30, piano-accordion program, Frederick Kroczynski; 11, Vincent Lopez Hotel Statler orchestra.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seaside hotel trio.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 8 p. m., musicale; 10, WEAF; 11, dance music.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore concert orchestra; 8, Sundial Shoe serenaders; 8:30, Bonnie Laddies; 9, Baldwin hour, WGY; 10:30, Hotel Lorraine orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:10 p. m., Arcadia cafe concert orchestra; 8:30, Mentopine Minstrels; 9, Schickerling hour; 10, Morning Glory club; Arcadia cafe dance orchestra; 10:30, Rufus and Rastus; 11, Freshman hour; 12 midnight, Morning Glory club concert.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-9 p. m., musicale; 10-11, musical, Sunrise Point Development company.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., "Sir Hobgoblin," Blanche Elizabeth Wade; 9, WEAF; 10, WEAF; 10:30, Ritz Carlton dance orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Traymore dinner music; 7:30, Elks home dinner music; 8:15, Sol Kendis and Chick Leonard entertainers; 8:30, Katz and his Kittens; 9, Hotel Ambassador concert orchestra; 10, Blackman's orchestra; 10:30, Garden Pier dance orchestra; 11, Jean Wiener, organist.

WTAG, Worcester, Mass. (267.7m-1120kc), 8:15-10 p. m., concert; 10-10:30, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 9 p. m., oratorical contest.

WABQ, Haverford, Pa. (261m-1150kc), 11 p. m., Horace Hustler, organist; William Stewart, pianist.

WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' Hotel Portage quintet; 8, studio program; 10, studio program.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 8-9, Morgan college; 9-10, WBAL trio; John Wilbourn, tenor 10-10:30, WBAL, mixed quartet; 10:30-11, Frederick D. Weaver, organist.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Goldie Gordon, violinist; Alemite orchestra; Badger quartet; Gail Bandell.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Kimball trio; 7, John E. Shea, Earl Dicky; 7:30, Burbank Chocolateers; 8, Baldwin hour of music; 9:30, Orange night.

WCAP, Washington, D. C. (468.5m-640kc), 6-6:30 p. m., Mozart string quintet; 6:45-9, playlet, features; 9-9:30, WEAF; 9:30-10, studio program; 10-12, music, Wardman Park hotel.

WEBH, Chicago, Ill. (370.2m-810kc), 7 p. m., Osborn's orchestra; Bernard Weber, Pauline Sachs; 9:15, Osborn's orchestra; Bernard Weber; 11-12:30, Oriole orchestra; Irene Beasley; Day and Knight.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., diversified program; Blanche Cloyd, concert soprano, Caroline Lee, "The Virginia Girl" with her Spanish guitar.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8:30-9, musical program; 9-9:30, WEAF; 9:30-10, Phantom violin; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, the play shop; 10:40-11, musical program, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Hotel Van Curler orchestra; 7:15, "A Step On the Stairs"; 7:30, WGY orchestra; 8, WJZ; 9, Negro spirituals; 9:30, Hotel Van Curler.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney; Grayling's ensemble; Helen Rauh, pianist; Charles Hussey, bass; 7:50, Ray-o-Vac concert; 8:45-10:15 (238m-1260kc), Cinderella cafe orchestra; 10:30, (399.8m-750kc), Sunbeam Girls; 11:05, Loftis half-hour presentation; 12 midnight, your league.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Elsie Orr, soprano; Ray McKay; WIBO string trio; 10-2 a. m., popular program.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., Club Chez Pierre; Earl Hoffman orchestra; Pierre revue.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., music by children; 10-11, Senator Harold C. Kessinger; Palmer House Victorians; 12:30, settin' up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:15-7:20 p. m., The Million Sing; 7:20-7:30, Old Fashioned Almanack, 7:30-8, Drake concert ensemble; 11-11:20, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendezvous cafe orchestra; Drake hotel concert orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., College Inn orchestra; 7:30, Ralph Emerson, organist; 8, Mount Morris College male quartet; 9, Young American artists series; 10-11, popular music.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 8:30, to be announced; 9:55, chimes.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon duo, Vella Cook, contralto; Hart and McCready, harmony duo; Arvid Anderson, baritone; home-songs

Friday, May 7

program; 9-11, Trianon orchestra; Woodlawn theater orchestra; Joe Warner, character songs; Adelaide Hart; male trio; Bob Bennett, popular program.
WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble concert; 10-1:30 a. m., Tearney's Town club orchestra; Midway Garden orchestra; Capitol theater program.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9:15-11 p. m., classical concert.
WORD, Batavia, Ill. (275m-1090kc), 7 p. m., North Shore line; 9, studio program.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert, Ralph Williams and his Rainbo Garden concert orchestra; Ambrose Wyrick, tenor; Mabel Griest, violinist; Albert Heilman, concert pianist; 10-1 a. m., Ralph Williams and his Rainbo Garden orchestra; vocal, Clark's Hawaiian trio; artists; 1-2, Ginger hour.
WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., Hotel Richmond orchestra; 8:15, school festival of music; 10:30-11:30, Hotel Richmond Winter Garden orchestra.
WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; 10, Terrace Garden Five; Skylark male quartet.
WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., Carl Rupp and his Hotel Hollenden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 7:15 p. m., national music week program; 8:45, WTIC mail bag; 9, U. S. Coast Guard academy band; 10, Hotel Bond dance orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF; 9:50, dance program.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:05-10:30, Harmony Six orchestra.
KFDM, Beaumont, Texas (315.6m-950kc), 8-10 p. m., Magnolia Petroleum company's refinery band.
KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., Gold Medal Krackers.
KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., Hastings Business college.
KFNF, Shenandoah, Iowa (263m-1140kc), 7:30 p. m., pipe organ concert.
KFUO, St. Louis, Mo. (545.1m-550kc), 9:30 p. m., "The Great Lucan Parables"; vocal solos, Rev. A. Behnke.
KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., popular musical program.
KMOX, St. Louis, Mo. (280.2m-1070kc), 7 p. m., Buster's saxophone quintet; Brown Bilt Boys; 8, orchestra; 8:30, John Sauter, flutist; Alex Halbman, clarinetist; Marguerite Schmidt, pianist; David Bittner, violinist; 9, music lovers' hour; 10, orchestra.
KOB, State College, N. M. (348.6m-860kc), 7:30-8:30 p. m., musicale, Adelaide Dampiere, director.
KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Jack and Jill; 6:30, Royal Fontenelle orchestra; 8:30, Dreslier Brothers; 11, Merry Makers.
KSD, St. Louis, Mo. (545.1m-550kc), 7 p. m., WEAF; 7:30, Arne Arnesen, violinist; 8, WEAF.
KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., music; 7:30, Runnells Twins.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05 p. m., Italian folk songs; 9:45, Lawson Reid, organist; 10-11, College Ramblers.
KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., Joska DeBabary and his orchestra; 6-7, Evening American studio; 7-8, studio, Congress hotel; 8-9:30, Edison company studio; 9:30-10:30, Congress carnival.
WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Clifton college; 9:30-11, Texas Christian university; 11, Panther Hawaiain trio.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Emmet Long's Golden Pheasant orchestra; 8, WEAF; 8:30, Watkins Family Party; 10:05, Emmet Long's Golden Pheasant orchestra.
WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., Mrs. W. Grooch, pianist; C. Heinberg, violinist; Harry Davis, vocalist; Excelsior string quartet; Mrs. Pauline Whitwell, pianologist; Billie Burke, ukulele ace; Pensacola jazz band, Wildcats from Jazzland.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Trianon ensemble; 8-9:30, varied music; 11:45-1 a. m., Ted Weems' Victor Recording orchestra; Billy Adair's orchestra; Ted Meyn, organist.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 9 p. m., Ellis Maas, bass; Trinity choir; H. Pearson, reader; Prescott Fairchild, violinist; choir; Anita Hermn, soloist.
WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Shaw-Smith college club orchestra; 8:30-9:30, Schubert choral club.
WGBF, Evansville, Ind. (236.1m-1270kc), 7 p. m., A. L. Maxwell company; 8, sacred music.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8:30 p. m., Eddie Slemer's orchestra; 8:30-9, special boys' week exercises.
WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra.
WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., special "Music Week" program; 11-12 midnight, Lawrence Philbreck and his Younker Tea room orchestra.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hawaiian melodies; 11, Bob Miller's orchestra.
WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., News and Express and College of Music programs.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., Gilbert Jaffy, violinist; Harry Braviroff, pianist; 9, Puritan program; 10:30, Frank Hodek and his Nightingale orchestra.
WOC, Davenport, Iowa (483.6m-620kc), 8-8:30 p. m., WEAF; 9:30-10:30, Helen Hughes and her Blackhawk hotel orchestra; 10:30, "A Step On the Stairs."
WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m., Jack Gardner's orchestra; 8-9, Magnolia Petroleum company band; 11-12 midnight, program.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Griffith School of Music; 10:45, program, Mrs. Susue Reese Kennedy, director.
WSM, Nashville, Tenn. (282.9m-1060kc), 7 p. m., Beasley Smith's concert orchestra; 8, William Woods and associate artists; 10, program, Mrs. R. G. Settle.

Mountain Standard Time Stations

KFWA, Ogden, Utah (260.7m-1150kc), 9-10 p. m., chorus; 10-11, Paramount theater music.
KFXF, Colorado Springs, Colo. (250m-1200kc), 7:30-8 p. m., Star ranch, Pines Sanatorium program; 9-11, Irish Melody boys.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:15, KOA orchestra; vocal trios; Mile high trio; Fiore Serpico, trombonist; Lillian Donnery, contralto; Charles South, violinist; Mrs. Richard Osenbaugh, soprano; Clarence C. Moore, bass; Margaret Henderson, pianist.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Carlyle Stevenson's El Patio orchestra; 7:30-8, Felipe Delgado's Media Hora Espanola; 8-9, Aeolian organ; 9-10, popular songs and Mutual Motors mirth contest; 10-11, Packard ballad hour.
KFON, Long Beach, Calif. (232.4m-1280kc), 7-8 p. m., program, Dalton & Hoagland company; 8-9, Press-Telegram studio; 9-10, Prizma hour; 10-12 midnight, Long Beach Elks lodge No. 888 frolic.
KFWB, Hollywood, Calif. (252m-1190kc), 6:30-7:30 p. m., Pontiac Six dinner hour; 8-9, John Wright, the Right Tailor; 9-10, Sealy Mattress company; 10-11, Warner Brothers frolic.
KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Brokaw and his orchestra.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, concert, vocal and instrumental; 9-10:30, concert; 10:30-12 midnight, frolic, Keep Growing Wiser Order of Hoot Owls, Pantages stars, features.
KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times de luxe presentation.
KMTR, Hollywood, Calif. (238m-1260kc), 6-7 p. m., Radio Press Agent; 8-10, KMTR concert orchestra; 10-11, Starr Piano company studio.
KNX, Hollywood, Calif. (336.9m-890kc), 6:30-7 p. m., Atwater Kent orchestra; 7-8, studio program; 8-9, program, Jell-X-Cell with Charles Melson's Playboys; 9-10, Optimistic Donuts frolic; 10-11, main event from the Hollywood Legion Stadium fights; 11-12 midnight, Ambassador hotel dance orchestra.
KOAC, Corvallis, Ore. (280.2m-1070kc), 7:20 p. m., Arthur Kirkham, tenor; 8:15-9:15, musical program.
KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 8-10:30, R. O. T. C. band contest; 10:30-11, States Restaurant orchestra.
KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., Bernice Metz, pianist; Mrs. Stanley Benner, vocalist; Jerry Satola, violinist.
KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., program, Breunner's.

Saturday, May 8

Headliners Today

Atlantic — Eastern — Central — Mountain — Pacific
8 p. m. — 7 — 6 — 5 — 4
WSM (282.8m-1060kc), Barn dance.
9 — 8 — 7 — 6 — 5
WBBM (265.3m-1130kc), Harmonious Hash.
9:15 — 8:15 — 7:15 — 6:15 — 5:15
WLW (422.3m-710kc), Old-time fiddlers.
9:25 — 8:25 — 7:25 — 6:25 — 5:25
WRC (468.5m-640kc), "A Step On the Stairs," final episode, mystery serial.
11:05 — 10:05 — 9:05 — 8:05 — 7:05
KTHS (374.8m-800kc), Old-time fiddlers.
12 m. — 11 — 10 — 9 — 8
KPO (428.3m-700kc), University of California orchestra.
KPRC (296.9m-1010kc), Wendell Hall.
12:10 a. m. — 11:10 — 10:10 — 9:10 — 8:10
KGO (361.2m-830kc), "The Mikado," comic opera.
1 — 12 — 11 — 10 — 9
KFNF (263m-1140kc), Old-time music.

For stations silent tonight refer to first Saturday's list.

Atlantic or Eastern Daylight Saving Time Stations

WBBR, New York, N. Y. (272.6m-1110kc), 8 p. m., Charles Rohner, violinist; Forrest Kleinhans, baritone.
WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., William Penn hotel; 8:15, WEAF.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid., Vincent Lopez and his orchestra; Padraic Colum, reader; Ross Gorman and his orchestra; Vincent Lopez and his orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8, Boy Week program.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; Francis Spector and Doris Weiss, pianists; 10:05, Benjamin Franklin concert orchestra; 11:05, organ recital.
WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore concert orchestra; 10:30, Hotel Vanderbilt orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Benjamin Franklin hotel concert orchestra.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15 p. m., dinner music; 7:30-8:30, musical; 8:30-9, musical program; 9-10:30, entertainment; 10:30-11, Maltop, Inc.
WOO, Philadelphia, Pa. (508.2m-590kc), 12:02 p. m., Golden's Crystal Tea Room orchestra; 4:45, organ recital; 7:30, Adelphia dinner dance orchestra.
WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Morton dinner music; 7:30, Elks home dinner music; 8, Hotel Ambassador dinner music; 8:30, Blackman's orchestra; 9:10, Hotel Traymore concert orchestra; 10, Katz and his Kittens; 10:30, Garden Pier dance orchestra; 11:15, Elks home dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., Westinghouse band.
WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Alemite orchestra; Ziegler Stars; Tip trio; 10-11, dance period; 12-2 a. m., Matched Unit quartet; Ziegler Stars.
WBZ, Springfield, Mass. (333.1m-900kc), 6:15 p. m., Capitol theater orchestra; 6:45, Repertory theater concert orchestra; 7:15, Dr. D. M. Staley, readers; 7:30, Tufts Medical college; 8:30, Geraldyne Isabelle Havens, soprano; Mrs. Inez Main Momm, pianist.
WEBH, Chicago, Ill. (370.2m-810kc), 8 p. m., songs, Frank Greif; 9:15-10, Edgewater Beach Hotel Oriole orchestra; 11-12 midnight, Oriole orchestra; Kay Ronayne; 1 a. m., Oriole orchestra; 1-3, frolic.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8:30-9:30, light opera concert; 9:30-10, old-time prize fight; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, ensemble.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Hotel Onondaga orchestra; 9:30, Hotel Sagamore orchestra.
WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney organist; 8:45-10:15 (238m1260kc), Cinderella orchestra; 10:30 (399.8m-750kc), Kitchen Klenzer entertainers; 10:50, Jack Turner; Irene Smith; 12, your hour.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Marie Elita Fay, soprano; WIBO string trio.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-2 a. m., Opera club.
WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., Palmer House Victorians; Isabel Defaut, Edson Farrar; 10-11, Palmer House Victorians; Cook Sisters; 12-1 a. m., settin' up hour.
WLIB, Chicago, Ill. (302.8m-990kc), 7:20-7:30 p. m., Old Fashioned Almanack; 7:15-7:20, The Million Sing; 7:30-8, Blackstone string quintet; 11-11:20, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendezvous cafe orchestra; Drake concert orchestra.
WLS, Chicago, Ill. (344.6m-870kc), 7:15-12 midnight, national barn dance.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Johanna Grosse, organist; 8:15, Shoestring orchestra; old-time fiddlers; 8:45, Lawson and McClain, Hawaiian string quartet; 9:30, dance music, Castle Farm.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Boys' week quartet; 8, Daw and Pratt; 8:30, photologue; 9, Chicago theater.
WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; Tip-Top Inn ensemble concert; 10-1 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program; 1-2, Tearney's Town club orchestra; Midway Garden orchestra.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-10 p. m., Elizabeth Barker Van Campen hour of music, Ruth Bell, pianist; Charles Bell, violinist; Henry Rose, tenor; Ethel Hoekstra, Lyle Rogers, soprano; Mendelssohn Ladies quartet; 10-11, America's Radio tenor; Roy Clark, H. Harold DeWindt, Bob and Hazel McOsker.
WORD, Batavia, Ill. (275m-1090kc), 7 p. m., Webster hotel concert and orchestra program; 9, studio program.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Mabel Griest, violinist; Albert Heilman, pianist; 10-3 a. m., Rainbo Skylarks; Hal Lansing; Joe Warner; Rita McFawn; West Brothers; Gail Bandell, Melodians.
WRC, Washington, D. C. (468.5m-640kc), 8:25 p. m., "A Step On the Stairs"; 9, music; 10:30, Meyer Davis' Swanee Syncopators; 11:30-12 midnight, Otto F. Beck, organist.
WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., chimes, Robert Badgley; 7:15, musicale; 7:30, Bicycle Playing Card sextet; 8:30, orchestra.
WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; 10, Zola Haynes, pianist; popular artists.
WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner hour, Guy Lombardo and his Royal Canadians; 8-9, Hollenden hour, Carl Rupp and his orchestra; 9-12 midnight, novelty program, Ev Jones and his gang.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., concert; 8:30-10:30, Buick Dealer's program; 12 midnight-2 a. m., orchestra.
KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., J. O. Adams Music company; 11-12 midnight, Hotel Lassen dance music.
KFNF, Shenandoah, Ia. (263m-1140kc), 7 p. m., music.
KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., pipe organ recital, William Howie.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6 p. m., Arthur L. Utt, Mrs. Jacque Landree; 7, Little Red Schoolhouse; 8, Marguerite Schmidt, pianist; 9, orchestra; 9:30, John Sauter, flutist; Alex Halbman, clarinetist; 10, Colonel 6121.

Leonard Bruvald Latvian, baritone, has sung in all the capitols of Europe. Americans may hear him by tuning in for WFI, May 3.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., "Y" Pioneer Radio club; 6:35, Mona Motor Oil entertainers; 7:35, Italian program, Angelo Lupo; 11, tattle tales; 12 midnight, Pow-Wow.
KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Bible class; 8:30, Frank Tilton, blind wonder boy pianist; 10, Wendell Hall; 10:30, Harold Oxley's Warwick hotel orchestra.
KSD, St. Louis, Mo. (545.1m-550kc), 7 p. m., Grand Central theater.
KSO, Clarinda, Ia. (241.8m-1240kc), 7 p. m., quartet, concert, W. A. Price.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05 p. m., old-time fiddlers; 10:30-11:15, New Arlington hotel orchestra.
KYW, Chicago, Ill. (535.4m-560kc), 6-7 p. m., American studio program; 7, Congress hotel; 8-9:30, classical concert; 9:30-10:30, Congress carnival.
WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Sunday school lesson; 9:30-11, Hired Hand's Little symphony.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Dick Long's Nankin cafe orchestra; 8:15, musicale; 10:05, Dick Long's Nankin cafe orchestra.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Trianon ensemble; 8-10, oratorical contest; 11:45-1, frolic.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Frank Frederick Loew, pianist; 11-12 midnight, Jack Gardner's orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Cynthiana High school orchestra.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., studio concert.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program; 10, Frank Hodek and his Nightingale orchestra.
WOC, Davenport, Iowa (483.6m-620kc), 9-10 p. m., Howard A. Carroll, tenor; John McGreevy, baritone; Emil Haas, reader.
WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m., dinner concert, Jack Gardner's orchestra; 8-9, varied program, P. B. Mahoney.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Atlanta Atwater Kent hour; 10:45, Hired Help Skylark.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's concert orchestra; 8, barn dance program, features.
WSMB, New Orleans, La. (319m.940kc), 9:30-11:30 p. m., Paul Jacobs and Gates, classical program.
WSUI, Iowa City, Iowa (483.6m-620kc), 7:30 p. m., musicale.

Mountain Standard Time Stations

KFWA, Ogden, Utah (260.7m-1150kc), 9-10 p. m., Olie Reeves and his orchestra; 10-11, Paramount theater music; 11-12 midnight, Olie Reeves and his orchestra.
KOA, Denver, Colo. (322.4m-930kc), 9 p. m., Harmony Peerless orchestra; 10:30, Scheuerman's Colorado orchestra.

Pacific Standard Time Stations

KGO, Oakland, Calif. (361.2m-830kc), 8:10 p. m., National Music week; "The Mikado," comic opera; 10-12 midnight, Madson's Midshipmen, dance orchestra.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., concert; 10-12 midnight, Herman Kenin's dance orchestra.
KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7:30 p. m., States Restaurant orchestra; 8-10, University of California orchestra; 10-12 midnight, Fairmont hotel dance orchestra; Maurice Gunsky, tenor; Merton Bories, pianist.
KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour; 9-10, dance orchestra.

Sunday, May 9

Headliners Today

Atlantic — Eastern — Central — Mountain — Pacific
9:15 p. m. — 8:15 — 7:15 — 6:15 — 5:15
WEAF (491.5m-610kc), WEEI, WCAP, WFI, WJAR, WGR, WCAE, WSAI, WWJ, WOC, WCCO, WGN, WEAR, KSD, WTAG, Atwater Kent program.
9:30 — 8:30 — 7:30 — 6:30 — 5:30
KOIL (277.6m-1080kc), May Time Festival.
WLW (422.3m-710kc), Mothers' Day concert.
9:45 — 8:45 — 7:45 — 6:45 — 5:45
WGN (302.8m-990kc), "Our Music Room—Verdi."
1 a. m. — 12 — 11 — 10 — 9
WFAA (475.9m-630kc), The Foxtrotters.

For stations silent tonight refer to first Sunday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 10:45 a. m., Rodef Shalom temple; 4 p. m., WEAF; 6:30, dinner concert; 7:20, WEAF; 9:15, WEAF.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 11 a. m., First Unitarian church services; 5 p. m., recital; 5:15, church services; 5:35, recital; 5:45, sermon, Rev. John W. Stockwell; 6:45, Clarence Seaman and his Pennsylvania hotel concert orchestra; 7:45, Billy Hayes and his Cathay Tea Garden concert orchestra; 8:30, Barry O'Moore and the Bonwit Teller ensemble; 10, orchestra.
WEAF, New York, N. Y. (491.5m-610kc), 10 a. m., Holy Name society; 3-5 p. m., Sunday Radio service; 6-7:20, musicale; 7:20-9:15, Capitol theater; 9:15-9:45, Atwater Kent.
WEEI, Boston, Mass. (348.6m-860kc), 6 p. m., Jordan Marsh Company's Sparkling Diamonds; 7:20, WEAF; 9:15, WEAF.
WFI, Philadelphia, Pa. (394.5m-760kc), 10:30 a. m., services, Arch Street Presbyterian church.
WGR, Buffalo, N. Y. (319m-940kc), 10:45 a. m., Westminster Presbyterian church; 6 p. m., WEAF; 7:45, Central Presbyterian church; 9:15, WEAF.
WIP, Philadelphia, Pa. (508.2m-590kc), 7:15 p. m., services, Holy Trinity church; 10, musical program; Germantown theater.
WJAR, Providence, R. I. (305.9m-950kc), 7:20 p. m., WEAF.
WJZ, New York, N. Y. (454.3m-660kc), 11 a. m., West End Presbyterian church; 3:55, St. Georges vesper service; 7, Hotel Pennsylvania concert orchestra; 8, Bakelite hour; 9, Hotel Commodore concert orchestra, WGY; 10, Godfrey Ludlow, violinist, WGY.
WLIT, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Benjamin Franklin hotel organ recital; 7, Benjamin Franklin concert orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 10:30 a. m., services, Bethany Presbyterian church; 2, musical exercises, Bethany Sunday school; 6, organ recital.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 11 a. m., service; 4 p. m., Dr. Charles Heinroth, organist; 4:45, Shadyside Presbyterian church; 7:15, Calvary Episcopal church; 7:45, First United Presbyterian church.
WADC, Akron, Ohio (258.5m-1160kc), 6:30 p. m., dinner concert, Carnes Richards' hotel Portage quintet.
WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m., noon hour of music; 4-6, matinee; 11:59-3, Nutty club.
WCAP, Washington, D. C. (468.5m-640kc), 11 a. m., Foundry Methodist church of Washington; 4 p. m., Washington cathedral; 6:20-9:15, Capitol theater program; 8:15-8:45, Atwater Kent hour.
WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., Zion choir; Celestial bells; Carey Sisters; Rendall Brothers; Marjorie Shaw.
WEBH, Chicago, Ill. (370.2m-810kc), 10:40 a. m., Seventh Church of Christ, Scientist; 7-9, artists' program.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., musical program; 7-7:20, The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-7:45, Correll and Gosden; 7:45-8:15, Drake concert ensemble, Blackstone string quintet; 8:15-8:45, WEAF; 8:45-10, "Our Music Room—Verdi"; 10-10:10, Sam 'n 'Henry; 10:10-11, musical program.
WHT, Chicago, Ill. (399.8m-750kc), 12 n.-11:30 p. m., Paul Rader.
WIBO, Chicago, Ill. (225.4m-1330kc), 2-4 p. m., Sunday afternoon concert; 6-8, program, Walter Preston, director; 10-12 midnight, popular program.
WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Spanish garden studio.
WJJD, Mooseheart, Ill. (370.2m-810kc), 7:45 a. m., Roman Catholic services; 9:40, Protestant services; 2:30, Sunday concert; 3:30, Bible class; 4, Palmer House Sunday symphony orchestra.
WLIB, Chicago, Ill. (302.8m-990kc), 5-6:15 p. m., concert, Oriental jazz ensemble.
WLS, Chicago, Ill. (344.6m-870kc), 6:30-7:55 p. m., WLS Little Brown church.
WLW, Cincinnati, Ohio (422.3m-710kc), 10:45 a. m., Seventh Presbyterian church; 4 p. m., Polyphonic music, Mt. St. Mary's Seminary; 5, organ recital, Johanna Grosse; 7:30, Emmaus Evangelical Lutheran church; 8:30, Mother's Day concert, H. & S. Pogue.
WOK, Chicago, Ill. (217.3m-1380kc), 6 p. m.,-1 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater musical program; Tip-Top string ensemble; studio program.
WQJ, Chicago, Ill. (447.5m-670kc), 10 a. m., Peoples church choir; 3-4 p. m., Ressurrection choir; Mother's Day; 8-10, Mother's Day program; Rainbo Garden orchestra; Mabel Griest, violinist; Albert Heilman, pianist.
WSAI, Cincinnati, Ohio (325.9m-920kc), 11 a. m., Avondale Methodist Episcopal church; 7:45 p. m., chimes; 8, Radio sermonette; 8:15, WEAF.
WSWS, Chicago, Ill. (275.8m-1090kc), 11 a. m., Moody church; 3-5 p. m., popular service; 7-8:30, evening song service.
WTAM, Cleveland, Ohio (389.4m-770kc), 11 a. m., Trinity cathedral.
WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., Sunday school period; 7:30, national music week program; 9:30, Carroll's Palais Royal dance orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 10 a. m., First Presbyterian church; 2 p. m., Detroit News orchestra; 6:20, WEAF; 8:15, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 4-5 p. m., vesper service, Rev. McMillin; 9-11, musicale.
KFDM, Beaumont, Texas (315.9m-950kc), 11-12 noon, First Baptist church; 8-9, program.
KFH, Wichita, Kan. (267.7m-1120kc), 9:45 a. m., Bible class; 7:15, First Methodist church; 10-11, Coleman string quartet.
KFNF, Shenandoah, Iowa (263m-1140kc), 10:45 a. m., First M. E. church; 2:30 p. m., Golden Rule song service; 3, services; 6:30, Golden Rule circle; 7:30, Christian church services.
KFUO, St. Louis, Mo. (545.1m-550kc), 4 p. m., Shut-in hour; "Blessed are the Merciful for they shall obtain mercy," Rev. Schaefer; musical program; 9:15, "The Committing of Murder," Rev. R. Meyer; mixed choir.
KMA, Shenandoah, Iowa (252m-1190kc), 8:30-9:30 a. m., services; 12:15-1:30 p. m., sacred song service; 4-5, choir music; 5-6, Religious discussion.
KOIL, Council Bluffs, Iowa (277.6m-1080kc), 11 a. m., First Congregational church; 4 p. m., Presbyterian choir; 7:30, Mother's Day program, Everett S. Dodd, Scotland; Hugh W. McGann, Ireland; Marion Fisher, French, German; Elks quartet, Amedican; Eric Thornton, popular American; 1 a. m., Hotsy Totsy hour.
KPRC, Houston, Texas (296.9m-1010kc), 10:30 a. m., chimes; 10:55, St. Paul Methodist church; 7:30, First Methodist church; 9:30, Mothers' day; 11, J. Benson Carlisle, organist.
KSO, Clarinda, Iowa (241.8m-1240kc), 11 a. m., First M. E. church.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11-12:15 p. m., St. Luke's Episcopal church; 9:05-10, classic hour, Meyer Davis ensemble; 10-11:30, Arkansas Traveler Radio Special train, Benny Ford's orchestra.
KYW, Chicago, Ill. (535.4m-560kc), 11 a. m., Central church service; 4:30, studio concert; 7, Chicago Sunday evening club; 9:30-11, classical program.
WBAP, Fort Worth, Texas (475.9m-630kc), 5-6 p. m., Travis Avenue Baptist church; 9:30-11, Texas hotel orchestra.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 11 a. m., Vivian Copeland, pianist; Trinity studio choir; Cardinal quintet; 12 noon, Kenneth Hagen, violinist; 8:15 p. m., Trinity studio choir; Martha Hutchison, soprano; 8:50, choir.
WFAA, Dallas, Texas (475.9m-630kc), 6-7 p. m., Bible class, First Presbyterian church; 7-8, Leland Johnson, pianist-singer; 8-9, City Temple (Presbyterian); 9-9:30, Cyrus Barcus, cornetist; 11-12 midnight, Foxtrotters, the Cedar Chest club orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 10 a. m., Broadway Baptist church; 4:30-5:30 p. m., choral evensong service, Christ church cathedral.
WHB, Kansas City, Mo. (365.6m-820kc), 9:40-10:45 a. m., Christian church; 11:10-12:30, Christian church; 8-9:15, Methodist church; 11:15-1 a. m., Don Anchors, poet; Morrill Moore, organist.
WHO, Des Moines, Iowa (526m-570kc), 11 a. m., St. Ambrose cathedral; 4-5 p. m., male quartet; 5-6, Bankers Life trio; Myrtle Williams, soprano; 7:30-8:30, Fourteenth Calvary band; 11-12 midnight, Bankers Life Little Symphonic orchestra.
WOAI, San Antonio, Texas (394.5m-760kc), 11 a. m., First Presbyterian church; 7:30 p. m., Central Christian church; 9:30, Super-Heterodyne hour of music.
WOAW, Omaha, Nebr. (526m-570kc), 9 a. m., Omaha Gospel tabernacle; 1:30 p. m., classical program; 9, services.
WSB, Atlanta, Ga. (428.3m-700kc), 5 p. m., Inman Park Presbyterian church choir; 7:30, Baptist Tabernacle services.
WSM, Nashville, Tenn. (282.8m-1060kc), 7:30 p. m., First Presbyterian church.
WSUI, Iowa City, Iowa (348.6m-620kc), 9:30 p. m., familiar hymns, Mrs. Lottie L. Volkmer.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 10 a. m., services; 4 p. m., Beverly Hills Community church choir; 7, Grebe and company program, string ensemble; 7:30, Jim, Jack and Jean trio; Gogo Belanger, soloist; 8, Aeolian organ recital; 9, Ray Gill and his Movieland

Sunday, May 9

Syncopators; Lola Gill and Mert Denman and his uke; 10, Packard Six orchestra.

KGO, Oakland, Calif. (361.2m-830kc), 11 a. m., Trinity Episcopal church; 3:30 p. m., vesper; 7:45, Trinity Episcopal church.

KGW, Portland, Ore. (491.5m-610kc), 10:45-12 noon, Church of Our Father, Unitarian; 7:30-9, First Presbyterian church; 9-10, Chevrolet symphony orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8:45-9:45 p. m., Maryland Artists' ensemble.

KTAB, Oakland, Calif. (239.9m-1250kc), 9:45 a. m., Bible lecture; 11, service; 7:45 p. m., service; 9:30-12, concert.

Monday, May 10

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:30 p. m.	8:30	7:30	6:30	5:30

WHAZ (379.5m-790kc), Troy Conservatory of Music.

10	9	8	7	6

WGR (319m-940kc), Amherst choral club.

WRVA (256.3m-1170kc), Tri-City program.

10:15	9:15	8:15	7:15	6:15

WEMC (285.5m-1050kc), Radio Lighthouse Music Makers.

For stations silent tonight refer to first Monday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, musicale; 9, concert; 10, grand opera; 11:05, dance.

WCAP, Washington, D. C. (468.5m-640kc), 7-8 p. m., studio program; 8-9, WEAF; 9-10, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8, Carolyn Thomas, soprano; 8:30, The Hood Boys; 9, Merry Minstrels; 9:40, Jackson and Ellis, Radio sweethearts; 10, recital.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, studio program; 8, WEAF; 9, Detroit News orchestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Ed Ellingston, songbird; Harriet Cruise, Oriole of the Air; Master Six orchestra; Harmony Boys.

KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., ladies' quartet.

KFKX, Hastings, Nebr. (286.3m-1040kc), 9-11 p. m., W. M. Dutton and Sons.

KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., Seed company.

KFUO, St. Louis, Mo. (545.1m-550kc), 8 p. m., "The Value of Faithfulness," Rev. A. Kuehnert; musical program, bass clef quartet.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., Farnham trio, How Do You Do Boys, Grady and Doc.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Hugh W. McGann, Irishman; 6:30, Original Collegians; 7:30, Candy Men; 9, Ray Winn and his Paramount orchestra; Marie Salisbury violinist; Olivetta Salisbury, pianist; Kathryn Skinner, cellist; 11, Hotsy Totsy hour.

KPRC, Houston, Texas (296.9m-1010kc), 6:30 p. m., Harold Oxley's Warwick hotel orchestra; 7:30, band concert; 8:30, Dr. Eagle J. Shay, tenor.

KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Earl McDonald entertainers.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-10 p. m., musical comedy hits, New Arlington hotel orchestra; 10-10:20, W. Brown, baritone; 10:30-11:30, organ concert, Lawson Reid.

KUOA, Fayetteville, Ark. (299.8m-1000kc), 8 p. m., Luey Leight Brown, violinist.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Knights of Pythias; 9:30-11, Trail Blazers; 11, Duncan-Marin orchestra; Majestic theater.

WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., Silva's 13th Coast Artillery jazz orchestra; Sergeant Silva and his jazzin' cornet; band concert.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., Radio Lighthouse Music Makers; Ruth Lee, soprano; Thurber Madison, violinist.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Honey Boys' orchestra; 8:30-9:30, program.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra; Harry Kessel, soloist; Lola Cook, pianist.

WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., Prof. Paul Steve, pianist; Prof. Joseph Gifford, reader; Stewart Watson, baritone; 11-12 midnight, L. Carlos Meier, organist.

EDUCATIONAL FEATURES

Monday

Atlantic	Eastern	Central	Mountain	Pacific
5:30 p. m.	4:30	3:30	2:30	1:30

WNYC (526m-570kc), German lessons, V. H. Berlitz.

6	5	4	3	2

WEAF (491.5m-610kc), Columbia university lecture.

8:30	7:30	6:30	5:30	4:30

WSUI (483.6m-620kc), College of the Air.

10	9	8	7	6

CKY (384.4m-780kc), U. of Manitoba.

11	10	9	8	7

KUOM (243.8m-1230kc), U. of Montana.

WEAZ (379.5m-790kc), Educational talks.

10:05	9:05	8:05	7:05	6:05

KFAB (340.7m-880kc), Vocational possibilities.

11:15	10:15	9:15	8:15	7:15

KWSC (348.6m-860kc), History courses.

1:15a.m. 12:15 11:15 10:15 9:15

KGO (361.2m-830kc), "Character Training."

Tuesday

Atlantic	Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5	4

WKAR (285.5m-1050kc), Nature study.

8:30	7:30	6:30	5:30	4:30

WBZ (333.1m-900kc), Journalism, Edward E. Whiting.

9:15	8:15	7:15	6:15	5:15

KDKA (309.1m-970kc), U. of Pittsburgh.

9:20	8:20	7:20	6:20	5:20

WLW (422.3m-710kc), Science series.

9:30	8:30	7:30	6:30	5:30

WRC (468.5m-640kc), Radio school of international relations.

WTAG (267.7m-1120kc), Topics from U. S. History, H. Allan Dickie.

9:45	8:45	7:45	6:45	5:45

KLDS (440.9m-680kc), Astronomy.

10	9	8	7	6

WMAQ (447.5m-670kc), Lecture, University of Chicago.

11:30	10:30	9:30	8:30	7:30

KFMX (336.9m-890kc), Carleton College Fine Arts.

Wednesday

Atlantic	Eastern	Central	Mountain	Pacific
6:30 p. m.	5:30	4:30	3:30	2:30

WNYC (526m-570kc), Spanish lesson, V. H. Berlitz.

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

WJZ (454.3m-660kc), New York university.

10	9	8	7	6

WMAQ (447.5m-670kc), Lecture, Northwestern university.

9:15	8:15	7:15	6:15	5:15

KDKA (309.1m-970kc), U. of Pittsburgh.

9:30	8:30	7:30	6:30	5:30

WSUI (483.6m-620kc), College of the Air.

10:15	9:15	8:15	7:15	6:15

WEMC (285.5m-1130kc), Bird chats.

11	10	9	8	7

WSAI (325.9m-920kc), U. of Cincinnati.

Thursday

Atlantic	Eastern	Central	Mountain	Pacific
8 p. m.		6	5	4

WKAR (285.5m-1050kc), Nature study series.

WSUI (483.6m-620kc), Correspondence courses.

10	9	8	7	6

CKY (384.4m-780kc), Nature study talk, Prof. V. W. Jackson.

KUOA (299.8m-1000kc), U. of Arkansas.

11	10	9	8	7

KUOM (243.8m-1230kc), U. of Montana.

WMAQ (447.5m-670kc), U. of Chicago.

Friday

Atlantic	Eastern	Central	Mountain	Pacific
6:30 p. m.	5:30	4:30	3:30	2:30

WNYC (526m-570kc), French lesson.

7	6	5	4	3

WJZ (454.3m-660kc), New York university course.

7:40	6:40	5:40	4:40	3:30

WGY (379.5m-790kc), French lesson.

7:45	6:45	5:45	4:45	3:45

WTIC (475.9m-630kc), Cartoon lessons, Bud Kingston.

9:15	8:15	7:15	6:15	5:15

KDKA (309.1m-970kc), U. of Pittsburgh.

11:15	10:15	9:15	8:15	7:15

KWSC (348.6m-860kc), State College of Washington.

11:45	10:45	9:45	8:45	7:45

KOAC (280.2m-1070kc), "Geology," D. C. Livingston.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Harmony Martins, tenor, soprano; Mary Loveridge Robbins, soprano; Mabel E. Deegan, violinist; Hotel Waldorf-Astoria; A. and P. Gypsies; Pearl Fishers; WEAF Grand Opera company; Ben Bernie and his orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Woodcliff orchestra; 8, Jack Stacek and friends; 9, popular program, Wheat's division, General Ice Cream company; 10, Amherst choral club; 11, Vincent Lopez Hotel Statler dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 7:45 p. m., musicale; 9-11, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore dinner concert; 8, Astor Coffee orchestra; 9, Revelers; 10, Moorland hour; 10:45, Waldorf Astoria orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Short Agro Waves; 9, Stanley Hour of Music; 10, Arcadia cafe dance orchestra; 10:30, vaudeville feature, Fay's Knickerbocker theater; 10:45, El Patio dance orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dinner dance orchestra; 8, WEAF; 11, Ritz Carlton dance orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 9 p. m., Tri-City, New Bern, Moorehead, Moorehead Bluff; 11-12 midnight, Harold Lawrence orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 8 p. m., Fely Clement, grand opera prima donna; 8:30, Emil Heimberger's Hotel Bond dance orchestra; 9, WEAF; 10, Travelers symphonic ensemble.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 9 p. m., Ruud Light Opera hour.

WABQ, Haverford, Pa. (261m-1150kc), 11 p. m., Ardmore theater program.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., diversified program, Mrs. Frank Delemater; L. Joy, pianist.

WHAZ, Troy, N. Y. (379.5m-790kc), 8:30 p. m., concert, Troy conservatory of music; 9:30, dance orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., concert, Hotel Gibson orchestra; 8, Crosley Little symphony orchestra; male quartet; 10, Henry Theis' orchestra.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-10 p. m., classical concert; 10-11, "The Key to the Door"; 11-12 midnight, "17th Woodpile."

WSAI, Cincinnati, Ohio (325.9m-920kc), 10-12 midnight, musicale.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner hour, Carl Rupp and his Hotel Hollenden orchestra; 8-11, Cleveland's city band, artists; 11-12 midnight, Austin Wylie's Recording orchestra; 12-1 a. m., Guy Lombardo and his Royal Canadians dance orchestra.

WOAW, Omaha, Nebr. (526m-570kc), 6:30 p. m., popular song period, Frank Paterson, tenor; Helen Higgins, pianist; 8:50, Randall's Royal Fontenelle orchestra; 9, classical.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Bessley Smith's orchestra; Clarence Sutherland; 10, Vito Pellettieri and his orchestra.

WSMB, New Orleans, La. (319m-940kc), 9:30-12:30 a. m., Dixola orchestra, Strand orchestra.

WSUI, Iowa City, Iowa (483.6m-620kc), 8 p. m., faculty program.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 5:30 p. m., matinee program; 6:30, Vest Pocket program; 7, Owen Fallon and his Californians, Garnet Kibler, blues singer; 8, Guzman trio; Jean Hayden, soprano; 9, Virginia Flohri, soprano; Thomas Mancini, violinist; Heinrich Tandler string quartet; Ivan Edwards, Nicholas Ochi Albi; 10, program, Melkiejohn Brothers.

KGO, Oakland, Calif. (361.2m-830kc), 8 p. m., selections from "The Bartered Bride."

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, vocal and instrumental concert; 9-10, vocal and instrumental; 10-12, Cole McElroy's dance orchestra.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., concert.

KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., women's league, State college.

Tuesday, May 11

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p. m.	8	7	6	5

KFNF (263m-1140kc), Hawaiian music.

9:30	8:30	7:30	6:30	5:30

KDKA (309.1m-970kc), Oratorio evening.

10	9	8	7	6

KOIL (277.6m-1080kc), Bohemian program.

WGN (302.8m-990kc), "Peer Gynt."

WHB (365.6m-820kc), Ukulele songsters.

12 m.	11	10	9	8

WSM (282.8m-1060kc), Dance frolic.

For stations silent tonight refer to first Tuesday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8-11, WEAF; 10, WEAF; 11:05, Kenyon theater.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg instrumental trio; 8, theater digest, Abe. Linschutz; 8:10, The Three Brothers; 8:45, popular songs; 9, Robert Frazer, blind gospel singer; 9:30,

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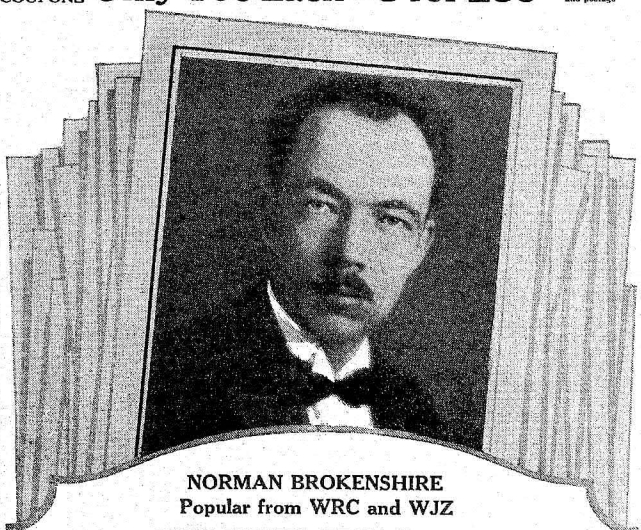

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20 Vincent Lopez, No. 1 Pennsylvania orchestra
21 E. L. Tyson, pleasing voice at WWJ
23 Art Gillham, "The Whispering Pianist"
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42 Fred Hamm of WTAS, now WLIB, fame
43 Meyer Davis' Le Paradis orchestra of WRC
46 D. R. P. Coats, 1925 Silver Cup announcer
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Tuesday, May 11

Esther Lawrence and her Players; 10, Eddie Malle and Danny Dougherty, popular songs; 10:30, Billy Hayes and his Cathay Tea Garden dance orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Vincent Lopez and his orchestra; Henri Beaugard, tenor; Edward E. Steele, blind pianist; Grand Prize Eurekas; Gold Dust Twins; Eveready hour; Ross Gorman and his orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8-10:30, WEAF; 10:30, WEAF.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Monte Cross, "old-timer"; 6:15, Nat Martin and his orchestra; 8:15, Shapp instrumental trio; 9, recital, Perley Dunn Ahrich studio; 10:05, Emo's weekly movie talk; 10:30, El Patio dance orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 7:30 p. m., musicale; 8-10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Irish Waithound; 8:30, Delilah Pearl hour, WBC, WGY; 9, U. S. Marine band; 10, Grand tour, "Scotland," WBC; 10:35, George Olsen's Hotel Pennsylvania grill orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Adelphia dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., KDKA Little Symphony orchestra; 8:30, oratorio evening, KDKA Little symphony orchestra; 11:35, concert, Grand theater.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-9:30 p. m., Alemite orchestra; 9:30-10, Moss Covered melodies; 10-11, Harmonious hash; 11-12 midnight, dance period.

WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., Hire trio; Wiedman Sisters; Daniel Mason, Eric Carey.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Edgewater Beach Hotel Oriole orchestra; Kathryn Forbes; Lydia Lochner; 9:10-10, Uptown theater; 11-12:30 a. m., Gail Bandell's Syncopating Serenaders.

WGN, Chicago, Ill. (302.8m-990kc), 6:15-7:15 p. m., Blackstone string quintet, Drake concert ensemble; 8-9, WEAF; 9-10, "Peer Gynt"; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, musical program, ensemble.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., organ recital, Al Carney; 7:40, Grayling's ensemble; 7:50, Loftis Diamond quartet; 8:45-10:15 (238m-1260kc), Cinderella cafe orchestra; 10:30 (399.8m-750kc), Kitchen Klenzer entertainers; 10:50, Pat Barnes and Al Carney; 11:10, U. S. L. half hour of dance music.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Chester Newman, baritone; WIBO string trio; midnight jamboree.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., Club Chez Pierre; Earl Hoffman orchestra; Pierre revue.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., children; 10-11, Palmer House Victorians; Rushmore ensemble singers; 12:30, settin' up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:15-7:20 p. m., The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, WEAF; 11-11:20, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble, Charley Straight's Rendezvous cafe orchestra; Drake dance orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., College Inn orchestra; 7:15, Maurie Sherman's College Inn orchestra; 7:30, Ralph Emerson, organist.

WLW, Cincinnati, Ohio (422.3m-710kc), 6 p. m., Norrine Gibbons and her girl friend; 6:30, Mary Barbara; 7:30, piano memories, Mary Woszczek; 8, Tenth Infantry band concert; 9, Formica concert.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Sheetz Hotel LaSalle orchestra; 9:20, program; 9:55, chimes.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-11 p. m., Henry Ford Old Time dance.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10-1 a. m., Rainbo Skylarks; Rose Vanderbosch; Everett George Opie, reader; Ila Shannabrook, soprano; Will Rossiter; Tell Taylor; Johnny Post; 1-2, Ginger hour.

WRC, Washington, D. C. (468.5m-640kc), 7:30 p. m., U. S. Marine band orchestra; 7, WJZ; 7:30, to be announced; 10:30, Hotel Mayflower orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 11 p. m., Old South Negro quartet; 11:30, J. Harold Lawrence, blind pianist; 12-1, Hotel Richmond Winter Garden orchestra.

WSAI, Cincinnati, Ohio (325.9m-920kc), 6 p. m., twilight musicale; 7, WEAF; 7:30, musicale; 8, WEAF; 9, entertainment; 9:30, Hawaiian musical program.

WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; popular artists; 9, Skylark quartet; Terrace Garden five.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner music, Guy Lombardo and his Royal Canadians.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:05-10:30, University of Nebraska.

KFDM, Beaumont, Texas (315.6m-950kc), 8-9 p. m., Magnolia Petroleum company's Refinery orchestra; 9-10, Southern Ramblers' orchestra.

KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., Gage Brewers' Hawaiians.

KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., Hawaiian music concert.

KFUO, St. Louis, Mo. (545.1m-550kc), 6:30 p. m., Bible story, "Jesus Goes Up Into Heaven"; zither duet, Mr. and Mrs. Zalaudek.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., May's Mandolin Musicians.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Wilson Doty, pianist; 6:35, Royal Fontenelle orchestra; 7:35, Robert Reid, violinist; Bertha Reid, pianist; Virgil Reid, banjoist; 8, Bohemian program; 11, Hotsy Totsy hour.

KPRC, Houston, Texas (296.9m-1010kc), 7:30 p. m., dance orchestra; 8:30, courtesy program; 9, Skyline studio concert.

KSD, Clarinda, Iowa (241.8m-1240kc), 7 p. m., J. H. Todd orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:30-10:30 p. m., dance concert, New Arlington hotel orchestra; 10:30-10:45, Violet Belding, contralto; Elizabeth Bowe, accompanist.

KUOA, Fayetteville, Ark. (299.8m-1000kc), 8 p. m., Harry E. Shultz, baritone; University glee club quartet.

KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., dinner concert; 6-7, American studio; 7:30-8, Congress hotel; 9-9:30, classical concert; 9:30-10:30, Congress carnival.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., School of Music, Southwestern Baptist seminary; 9:30-11, classical program.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Jimmie Joy's orchestra; 8:30-9:30, Southern Methodist University faculty musicians; 11-12 midnight, Jack Gardner's orchestra.

WGBF, Evansville, Ind. (236.1m-1270kc), 8 p. m., old fiddlers; 9, musicale.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Eddie Rosson and his concert orchestra.

WHB, Kansas City, Mo. (365.6m-820kc), 7-7:45 p. m., Morrill Moore, organist; 8-9, Harry Taylor, Sam Martin; 9-10, variety program.

WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., Raleigh quintet; 8-9, varied musical program; 11-12 midnight, Bankers Life Corn Sugar orchestra.

WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Gebhardt Mexican players.

WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., Hugo Heyn, xylophonist; 6:50, Ed Myers and his Peony Park orchestra; 9, program; 10:30, Frank Hodek and his Nightingale orchestra.

WSM, Nashville, Tenn. (282.8m-1060kc), 10 p. m., frolic.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 5:30 p. m., program, Charles Beauchamp; 6:30, Werden Neal Reinert, baritone; 7, Jack Rinehart's Chinese Garden orchestra; 7:30, Evelyn Ford; 8, Screen artists' quartet; 9, Spanish music; Olga Steffani, Angelus trio; 10, Packard Radio club.

KGO, Oakland, Calif. (361.2m-830kc), 8-9 p. m., Eveready program; "Royalty on the Radio," vaudeville, Frank M. Turner; 9:10-10, program, Tupper and Reed; 10-12 midnight, dance music.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12 midnight, dance music, Curt Kramer, soloist.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Adolf Tandler instrumental group.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-9 p. m., educational program, Mills college.

Wednesday, May 12

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p. m.	8	7	6	5
WLW (422.3m-710kc), Excerpts from "Martha."				
10	9	8	7	6
WGR (319m-940kc), Two-piano program.				
WSAI (282.8m-1060kc), Scarritt college program.				
10:15	9:15	8:15	7:15	6:15
WRVA (256.3m-1170kc), Special features.				
10:30	9:30	8:30	7:30	6:30
WSMB (319m-940kc), Negro spirituals.				
12:30 a. m.	11:30	10:30	9:30	8:30
WEBH (365.6m-820kc), Midweek musical program.				

For stations silent tonight refer to first Wednesday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8-9, WEAF; 9, Kramer's orchestra; 10, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8:10, Joe Murphy, pianist; 8:30, Clarence Seaman and his Pennsylvania concert orchestra; 9, recital; 9:25, Ruppert and Mc-Cullough, banjoists; 10:30, Carl Zoehms and Lou Herscher, popular songs; 10:45, Frank Cook, old-time songs; 11, Arthur Bittong's Cheer-Up club.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight Catherine Merrill, violinist; Marjorie Mott Dreher, soprano; Isabelle Stiebler, pianist; Vincent Lopez and his orchestra; Ritz Carlton hotel; Shinola Marrymakers and the Gentleman of 2 in 1; Davis saxophone octet; Ipana Troubadours; Heath Inn orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:10 p. m., Rainbow dance orchestra; 8, WEAF; 10, two-piano program, Ruth Spaeth, Helen A. Maxwell; 10:30, classical program, featuring Henrietta Hacker; 11, Olympic dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra.

WJAR, Providence, R. I. (305.9m-950kc), 7:30 p. m., WEAF; 9, musicale; 10, tabloid play.

5 REASONS

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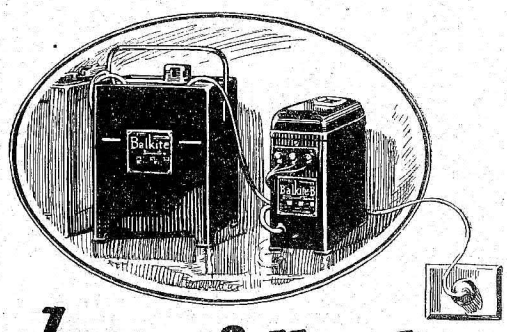

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Wednesday, May 12

WJZ, New York, N. Y. (454.3m-660kc), 8 p. m., Imperial Imps; 8:30, Lewissohn free chamber music; 10:45, George Olsen's Pennsylvania grill orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 9, recital; 10, Arcadia cafe dance orchestra; 10:45, El Patio dance orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dance orchestra; 8, WEAF; 9:20, recital; 10, Fox theater studio program; 10:30, Sylvania dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., concert.
WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., popular period; 12-2 a. m., Alemite orchestra.
WCAP, Washington, D. C. (468.5m-640kc), 7-7:30 p. m., WEAF; 8-10, WEAF.
WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Osborn's orchestra; Florence Behrend; Frank Greif; Frank Bordner; 9:15-10, Osborn's orchestra; Frank Bordner; Lawrence Salerno; 11-12:30 a. m., Oriole orchestra; Kay Ronayne, Florence Behrens.
WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., diversified program; Rex Dantzler, tenor; Marion Hoffman, pianist.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7:15 p. m., Blackstone string quintet; 8-9, musical program; 9-10, May concert; 10-10:10, Sam 'n' Henry; 10:10-10:20, studio music; 10:20-11, musical program.
WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Bernice Taylor, soprano; Edwin Kemp, tenor; 7:20, Borden organ recital; 8, Ray-O-Vac concert; 8:45-11:40 (238m-1260kc), Cinderella cafe orchestra; 12 mid., (399.8m-750kc), your hour league.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Dorothy Rae, soprano; Charles Champlin, baritone; 10-12 midnight, popular program.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., opera club.
WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., Mooseheart children; 10-11, Palmer House Victorians; Isabel Defaut; Simeon Oliver; 12:30 a. m., settin' up hour.
WLIB, Chicago, Ill. (302.8m-990kc), 7:20-7:30 p. m., Old Fashioned Almanack; 11-11:20, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble, Charley Straight's Rendezvous cafe orchestra; Drake hotel dance orchestra.
WLS, Chicago, Ill. (344.6m-870kc), 6:40 p. m., Maurie Sherman's College Inn orchestra; 7:30, Ralph Emerson, organist; 8, popular music; 9, WLS trio; 10, music; 11-1 a. m., circus.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson concert; 7:40, concert; 8, performance, second act of "Martha," opera; 9, National Hospital day program; 10, Thorobred artists; 11, Post's popular program.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Hotel LaSalle orchestra; 8:25, to be announced; 8:55, WMAQ players.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9-11 p. m., "16-Fingered Paul"; Moke Martin; Helen Neuman; Sid Goldman; Jim Forshey; Ruth Glaser.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-1 a. m., Rainbo Skylarks; Melodians; Joe Warner; Oxford Girls; 1-2, Ginger hour.
WRVA, Richmond, Va. (256.3m-1170kc), 7:30 p. m., Robert Hyde, organist; 8:45, Smithers Hawaiian orchestra; 9:15, Petersburg talent.
WSAI, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., chimes; 7, WEAF; 7:30-8, WEAF; 10:15, Congress Playing Card string quartet.
WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Ray Dean; Terrace Garden orchestra; Tennessee Ginger Snaps; 10, Ruby Rossiena; Dave Darcie; Terrace Garden Five.
WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., dinner music, Carl Rupp and his Hotel Hollenden orchestra; 8-11, Public Auditorium program; 11-1 a. m., dance music, Guy Lombardo and his Royal Canadians.
WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., Hartford Saengerbund, Eric Tesche, tenor; 8:15, Laura Gaudet, pianist; 8:30, Esther Nelson, organist; 9, light opera program.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF; 7:30, orchestra; 8, WEAF; 9, WEAF.

Central Standard Time Stations

CNRW, Winnipeg, Canada (384.4m-780kc), 9 p. m., choral society; 10, Supper-Dance club.
KFH, Wichita, Kans. (267.7m-1120kc), 7-8 p. m., classical concert.
KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., Lincoln program.
KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., Henry Field Seed company.
KFUO, St. Louis, Mo. (545.1m-550kc), 9:15 p. m., question box; "Shall We Keep the Old Testament Sabbath?" Prof. J. Mueller; musical program, Concordia instrumental quartet.
KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., popular musical program.
KPRC, Houston, Texas (296.9m-1010kc), 6:30 p. m., Harold Oxley's Warwick hotel orchestra; 7:30, Jack Willrich's orchestra; 8:30, Frank Tilton, blind wonder boy pianist; 10:30, End O'Main dance pavilion.
KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., Duncan sisters; 7:30 Merry Seven orchestra.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-9:45 p. m., Lon Chassy, violinist; Edward Richter, cellist; John Heyn, pianist; 9:45-10, Lawson Reid, organist; 10-10:45, Southerners dance orchestra.
KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., Congress hotel dinner concert; 6-7, musicale; 8-9:30, classical concert; 9:30-10:30, carnival.
WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., J. Sandusky, vocalist; Mt. Olive Jubilee singers, spiritual melodies; Ray Dinsmore, cellist; Imogene Jones, pianist; Dan Saccaro, harmonica selections; Mrs. C. Kelly and John Frenkel, operatic duet; symphony orchestra.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., Gladys McCullis, pianist; DeWitt Smith, pianist; Hoosier male quartet; Mrs. A. Hendelman, reader.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Jake Seligman and his Kentucky Night Owls.
WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Alma Nash, banjo orchestra; 10:30-11:30, midweek musicale program.
WHO, Des Moines, Iowa (526m-570kc), 6-7 p. m., Bankers Life Little Symphonic orchestra; 7:15-8:15, Irene Doran and her little symphony orchestra; 8:15-9, Kate Miller, whistler; Maude Hughes, accompanist; Harry Lewis, popular song soloist; Norman Broholm, pianist; 9-12 midnight, dance.
WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Army night, Ft. Sam Houston.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's orchestra; 8, Scarritt college; 10, Mrs. Robert M. Fairchild and artists.
WSMB, New Orleans, La. (319m-940kc), 9:30-11:30 p. m., Straight college spirituals; Cotton Pickin's twins; old tunes made new.
WSUI, Iowa City, Iowa (483.6m-620kc), 8:30 p. m., musicale.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 5:30 p. m., Carl Allen's Hollywood orchestra; 6:30, Betty Polo, Bob Gilbert; 7, Grebe and company program, string ensemble; 7:30, Nick Harris detective stories; 8, Virginia Flohri, soprano; Robert Hurd, tenor; Ventura string quartet; 9, Heine Ouellette, tenor; 10, popular program.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, concert; 9-10, vocal and instrumental music; 10-11, concert, Sherman, Clay and company.
KOAC, Corvallis, Ore. (280.2m-1070kc), 7:20 p. m., piano solos.
KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., program.
KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., sax duets, Vincent Hiden, Ed Chittenden; Inky Henneberg, banjoist; Swede Danielson; Norman Benson, vocalist; Erna Greene, reader.

Thursday, May 13

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p. m.	8	7	6	5

WIP (508.2m-590kc), Scandinavian chorus.
KTHS (374.8m-800kc), Traditional Jewish chants.

Atlantic	Eastern	Central	Mountain	Pacific
10	9	8	7	6

KDKA (309.1m-970kc), Old Fashioned quartet.
WHB (365.6m-820kc), King Joy Lo Syncopators.

Atlantic	Eastern	Central	Mountain	Pacific
10:45	9:45	8:45	7:45	6:45

WRVA (256.3m-1170kc), Old Square dance orchestra.

Atlantic	Eastern	Central	Mountain	Pacific
12 m.	11	10	9	8

KFI (467m-642kc), Composers' hour.

Atlantic	Eastern	Central	Mountain	Pacific
1 a. m.	12	11	10	9

WBAP (475.9m-630kc), "A Step On the Stairs," mystery serial.

For stations silent tonight refer to first Thursday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, concert; 8:30, WEAF; 9, WEAF; 10, WEAF.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Billy Hayes and his Cathay Tea Garden dance orchestra; 8, The Eight Bright Boys; 8:30, recital; 8:45, The Kandy Kids; 9, Barry O'Moore, Irish tenor; 9:30, the Musical Chefs; 10, Sesquicentennial hour; 11, dance orchestra.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Isabel Parkman, soprano; L'Etoile trio; Paul Winnell, baritone; Vincent Lopez and his orchestra; Hires Harvesters; Clicquot club Eskimos; Silvertown Cord dance orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8-11, WEAF.
WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8:15, Etude hour; 9, Scandanavian chorus; 10:05, Nat Martin's orchestra.
WJAR, Providence, R. I. (305.9m-950kc), 8 p. m., Hudson-Essex orchestra; 9-11, WEAF.
WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Vanderbilt orchestra; 9, Royal Typewriter Salon orchestra; 10, Record Boys; 10:30, Hotel Astor Orangerie orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Adelphia dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8:30 p. m., half hours with famous composers; 9, Old Fashioned quartet; 11, concert.
WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., popular music; 10-10:30, Moss Covered melody period; 10:30-11, Alemite orchestra, artists; 11-12 midnight, dance period.
WCBD, Zion, Ill. (344.6m-870kc), 8 p. m., Treble Cleff chorus; L. J. Hire, violist; Miriam Hollingshead, flutist; Dorothy Bull, soprano; Mark Whiteside, baritone; Florence Farrar, contralto; Marion Lee, reader.
WEBH, Chicago, Ill. (370.2m-810kc), 7 p. m., special recital; 9:15, Oriole orchestra; Ruth Buhl Flick, reader; Dorothy Herman Blum; 11-12:30 a. m., Oriole orchestra; Pat Ward; Rita McFawn, Mary Bieber.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Blackstone quintet; 8-9, WEAF; 9-10, WEAF; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, play shop; 10:40-11, ensemble.
WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney, organist; 7:30, Grayling's ensemble; May Martin, contralto; 8:45-10:15 (238m-1260kc), Cinderella cafe orchestra; 10:30, (399.8m-750kc), Kitchen Klenzer Klassics; 11:10, U. S. L. entertainers.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 12 midnight, jamboree.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 midnight, classical program, Spanish Garden studio.
WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., The Million Sing; 7:05-7:15, The Old Fashioned Almanack; 7:15-8, WEAF; 11-11:20, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendezvous cafe orchestra; Drake hotel dance orchestra.
WLS, Chicago, Ill. (344.6m-870kc), 7:15 p. m., College Inn orchestra; 7:30, Ralph Emerson, organist.
WLW, Cincinnati, Ohio (422.3m-710kc), 6:15 p. m., musical handshakes, Crosley Hello Boys; 7, Hotel Gibson dinner concert; 7:40, concert; 8:30, concert; 10:03, Doherty Melody Boys; 10:40, popular songs, Ray Sullivan; 11, Castle Farm dance music; 12:15 a. m., Night Howls, Crosley Sky Terriers.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Hotel LaSalle orchestra; 8, to be announced; 9:20, musicale.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-1 a. m., Rainbo Skylarks; Jerry Sullivan; Rose Vanderbosch; Hal Lansing; Bert Davis; 1-2, Ginger hour.
WRC, Washington, D. C. (468.5m-640kc), 7 p. m., New Willard hotel orchestra; 7:30, WJZ; 8, WJZ; 9:20, WJZ; 10:30, Meyer Davis' LeParadis band.
WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., East End Business Men's club orchestra; 9:30, novelty stunts; 9:45-11:30, old square dance orchestra.
WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF; 7:15-10, WEAF.
WSWS, Chicago, Ill. (275.8m-1090kc), 7 p. m., orchestra; 10-12 midnight, Rocky Mt. male quartet; Terrace Garden Five; Alfred Holmes, ballads.
WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., Austin Wylie's orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 5:50 p. m., Bond trio.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., American Legion quartet.
KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., old-time music.
KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., Delmonico Dreamers' orchestra.
KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Mona Motor Oil entertainers; 6:35, Art Marr's Imperial dance orchestra; 7:35, Wilson Doty, pianist; 8, Harm Jazz orchestra; 11, Charlestonians.
KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Harry Kobusch and his orchestra; 9, E. W. Rodgers, tenor; Mrs. Corrine Hart, blues pianist.
KSO, Clarinda, Iowa (241.8m-1240kc), 7 p. m., music; 7:30, Runnells Twins.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-9:45 p. m., Traditional Jewish chants and music; 9:45-10:30, New Arlington hotel dance orchestra.
KUOA, Fayetteville, Ark. (299.8m-1000kc), 8:30 p. m., Lorraine Allen, pianist.
KYW, Chicago, Ill. (535.4m-560kc), 5:30-6 p. m., Congress hotel dinner concert; 7-8, Congress hotel; 8-9:30, classical; 9:30-10:30, carnival.
WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Davis Baking Powder saxophone octet; 9:30-11, classical program; 11, "A Step On the Stairs"; 11:30, WBAP's spiritual singers.
WCOA, Pensacola, Fla. (222m-1350kc), 7 p. m., Mrs. J. Lamar, violinist; Mrs. C. Webb and Mrs. Mildred Saunders, vocal duettists; John Thomas, pianist; Anita Villar, vocalist; Eddie Collins, saxophonist; Sybil Mitchell, plantation songs and syncopated pianologues; Eddie Collins Rainbow orchestra, Flyin' high in Melody and jazz.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's orchestra; 8:30-9:30, Mrs. J. Spangler, singer; Clara Dargan, pianist.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., mixed vocal and instrumental concert.
WHB, Kansas, City, Mo. (365.6m-820kc), 7-8 p. m., dinner hour concert; 8-9, Edith Gregg and her King Joy Lo syncopators.
WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., Raleigh quintet; 8-9, Bankers Life trio; 11-12 midnight, Bankers Life Corn Sugar orchestra.
WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Mistletoe Melody Maids.
WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., organ recital; 6:50, Randall's Royal Fontenelle orchestra; 9, classical program; 10:30, Frank Hodek and his Nightingale orchestra.
WSMB, New Orleans, La. (319m-940kc), 9:30-12 midnight, Radio Revelers, Schilling's Serenaders Liberty theater orchestra.

Mountain Standard Time Stations

CNRC, Calgary, Canada (435.8m-688kc), 9 p. m., orchestra; Gladys Webb Foster, violinist; Mrs. A. N. Ledger, soloist.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467.m-642kc), 5:30 p. m., matinee program; 6:30, Julietta Burnette, soprano; Bernice Brown, contralto; 7, program, University of Southern California; 8, Composers' hour; 9, Southern California Music company; 10, varied program.
KGO, Oakland, Calif. (361.2m-830kc), 8 p. m., "The Arrival of Kitty," KGO players; 10-12:30 a. m., Brokaw and orchestra.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-10, vaudeville program; Ebony and Ivory, piano duettists; Luke's Flower Girls; 10-12 midnight, dance music, Cole McElroy's orchestra.
KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Pasadena Chamber of Commerce.
KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., program.

FARMERS' PROGRAMS INDEX

Farmer Dinner Concerts

Daily Except Sunday

CENTRAL TIME
KFNF, 12:15-1:35 p. m.
KMA, 11:30-12:30
KSO, 12:30-1:30 p. m.

Saturday, May 1

Atlantic	Eastern	Central	Mountain	Pacific	
2 p. m.	1	12	11	10	KPRC (296.9m-1010kc), Farmers' educational and musical program.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), Soils, questions and answers.
9	8	7	6	5	KDKA (309.1m-970kc), Farm program.
10:30	9:30	8:30	7:30	6:30	KFAU (280.2m-1070kc), Agricultural talk, question box.

Sunday, May 2

Atlantic	Eastern	Central	Mountain	Pacific	
4:30 p. m.	3:30	2:30	1:30	12:30	WFAA (475.9m-630kc), Sunday hour for farmers.

Monday, May 3

Atlantic	Eastern	Central	Mountain	Pacific	
1 a. m.	12	11	10	9	WRC (468.5m-640kc), Fifty Farm flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-620kc), "Why Is a Runt?" WEAO (293.9m-1020kc), Timely Economic Information for the farmer, C. J. West.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), "Suggestions on Sanitation." WMAQ (447.5m-670kc), Radio farm school.
7	6	5	4	3	WPG (299.8m-1000kc), "Starting the Sweet Potato Crop."
8	7	6	5	4	WTAG (267.7m-1120kc), "Home Gardening."
8:15	7:15	6:15	5:15	4:15	WGY (379.5m-790kc), Agricultural program.
9	8	7	6	5	WOS (440.9m-680kc), Livestock questions and answers.
9:30	8:30	7:30	6:30	5:30	KUOA (299.8m-1000kc), Farm Filosofy, Cy Adams. WMC (499.7m-600kc), Farm talk. WOI (270m-1110kc), Eighth Horticultural Short Course lecture.
9:45	8:45	7:45	6:45	5:45	WCCO (416.4m-720kc), Farm lecture.
10:05	9:05	8:05	7:05	6:05	KFAB (340.7m-880kc), "Opportunities for the Young Man in Agricultural Engineering. "Selecting Your Gilt for a Pig club."
10:30	9:30	8:30	7:30	6:30	KOB (348.6m-860kc), "Cotton Improvement Work," "Irrigation."
11:30	10:30	9:30	8:30	7:30	KOAC (280.2m-1070kc), Market news. KWSC (348.6m-860kc), "May Farm Situation."
11:45	10:45	9:45	8:45	7:45	KOAC (280.2m-1070kc), "Control of Canada Thistle and Morning Glory."
12:05	11:05	10:05	9:05	8:05	KGO (361.2m-830kc), Agricultural Outlook.
12:15	11:15	10:15	9:15	8:15	KOAC (280.2m-1070kc), "Reducing Cost of Production in Western Oregon."

Tuesday, May 4

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty Farm flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-620kc), "Caponizing Poultry."
2:45	1:45	12:45	11:45	10:45	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc), "Animal Husbandry."
9:33	8:33	7:33	6:33	5:33	KYW (535.4m-560kc), American Farm Bureau Federation.
10:30	9:30	8:30	7:30	6:30	KOA (322.4m-930kc), Farm question box.

Wednesday, May 5

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty Farm Flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-620kc), "Summer Management of the Young Herd."
2:30	1:30	12:30	11:30	10:30	WFAA (475.9m-630kc), Sears-Roebuck Agricultural program.
2:45	1:45	12:45	11:45	10:45	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc), Poultry husbandry.
9	8	7	6	5	WOS (440.9m-680kc), Evening market hour, poultry questions and answers.
10:05	9:05	8:05	7:05	6:05	KFAB (340.7m-880kc), "Opportunities for the Young Man in Poultry Husbandry," "Control of Some Insect Pests of the Season."

Thursday, May 6

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-620kc), "Alfalfa—Harvesting the First Year."
2:45	1:45	12:45	11:45	10:45	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc), Farm crops.
9:33	8:33	7:33	6:33	5:33	KYW (535.4m-560kc), American Farm bureau.
10:30	9:30	8:30	7:30	6:30	KOA (322.4m-930kc), Farm question box.

Friday, May 7

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-860kc), Special Farm Service Day. KTHS (374.8m-800kc), Farmers' Radio Chautauqua.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), Agricultural Economics.
9	8	7	6	5	KFKX (288.3m-1040kc), Special Farm Service Day. WOS (440.9m-680kc), Evening Market hour, Dairy questions and answers.
9:15 p. m.	8:15	7:15	6:15	5:15	KSO (242m-1240kc), Farm talk.
9:30	8:30	7:30	6:30	5:30	WOC (483.6m-620kc), Question box.
9:45	8:45	7:45	6:45	5:45	WCCO (416.4m-720kc), Farm lecture.
11:15	10:15	9:15	8:15	7:15	KWSC (348.6m-860kc), "Harnessing the Streams."

Saturday, May 8

Atlantic	Eastern	Central	Mountain	Pacific	
2 p. m.	1	12	11	10	KPRC (296.9m-1010kc), Farmers' educational and musical program.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), Soils, questions and answers.
9	8	7	6	5	KDKA (309.1m-970kc), Farm program.
10:30	9:30	8:30	7:30	6:30	KFAU (280.2m-1070kc), Agricultural talk, question box.

Sunday, May 9

Atlantic	Eastern	Central	Mountain	Pacific	
4:30 p. m.	3:30	2:30	1:30	12:30	WFAA (475.9m-630kc), Sunday hour for farmers.

Monday, May 10

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:15	1:15	12:15	11:15	10:15	WEAO (293.9m-1020kc), Timely Economic Information for the farmer, C. J. West.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), Talks. WMAQ (447.5m-670kc), Radio farm school.
8	7	6	5	4	WGY (379.5m-790kc), Agricultural program.
9	8	7	6	5	WOS (440.9m-680kc), Livestock questions and answers.
9:30	8:30	7:30	6:30	5:30	KUOA (299.8m-1000kc), Farm Filosofy, Cy Adams. "What Constitutes Good Cultivation?" "Kill the Bitter Weeds in Pastures." "Marketing of Blackberries in Arkansas." WMC (499.7m-600kc), Farm talk.
9:45	8:45	7:45	6:45	5:45	WOI (270.1m-1110kc), Talk.
10:05	9:05	8:05	7:05	6:05	KFAB (340.7m-880kc), "4-H Club Folks Visit Ag College."
11:30	10:30	9:30	8:30	7:30	KOAC (280.2m-1070kc), Market news.
11:45	10:45	9:45	8:45	7:45	KOAC (280.2m-1070kc), "Care and Operation of Farm Separators."
12:15	11:15	10:15	9:15	8:15	KOAC (280.2m-1070kc), "Logged Off Pasture Seeding and Management," G. Hyslop. "Growing More and Better Vegetables Through Irrigation."

Tuesday, May 11

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:45	1:45	12:45	11:45	10:45	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc), "Animal Husbandry."
9:33	8:33	7:33	6:33	5:33	KYW (535.4m-560kc), American Farm Bureau Federation.
10:30	9:30	8:30	7:30	6:30	KOA (322.4m-930kc), Farm question box.

Wednesday, May 12

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:30	1:30	12:30	11:30	10:30	WFAA (475.9m-630kc), Sears-Roebuck Agricultural program.
2:45	1:45	12:45	11:45	10:45	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc) Poultry husbandry.
9	8	7	6	5	WOS (440.9m-680kc), Evening market hour, poultry questions and answers.
10:05	9:05	8:05	7:05	6:05	KFAB (340.7m-880kc), "Dairy Opportunities." "Swine Sanitation."
11:15	10:15	9:15	8:15	7:15	KWSC (348.6m-860kc), "Transfer Bees to Movable Frame Hives During Fruit Bloom." "Certified Seed and How to Grow It."

Thursday, May 13

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:45	1:45	12:45	11:45	10:45	WOC (483.6m-620kc), Talks.
2:15	1:45	12:15	11:15	10:15	WMAQ (447.5m-670kc), Radio farm school. WOI (270m-1110kc), Farm crops.
9	8	7	6	5	KFKX (288.3m-1040kc), Talk.
9:30	8:30	7:30	6:30	5:30	WOI (270m-1110kc), Talk.
9:33	8:33	7:33	6:33	5:33	KYW (535.4m-560kc), American Farm bureau.
10:30	9:30	8:30	7:30	6:30	KOA (322.4m-930kc), Farm question box.

Friday, May 14

Atlantic	Eastern	Central	Mountain	Pacific	
1 p. m.	12	11	10	9	WRC (468.5m-640kc), Fifty farm flashes.
2:15	1:15	12:15	11:15	10:15	WOC (483.6m-860kc), Special Farm Service Day. KTHS (374.8m-800kc), Farmers' Radio Chautauqua.
2:45	1:45	12:45	11:45	10:45	WOI (270m-1110kc), Agricultural Economics.
9	8	7	6	5	KFKX (288.3m-1040kc), Special Farm Service Day. WOS (440.9m-680kc), Evening Market hour. Dairy questions and answers.
9:15	8:15	7:15	6:15	5:15	KSO (242m-1240kc), Farm talk.
9:30	8:30	7:30	6:30	5:30	WOC (483.6m-620kc), Question box.

Friday, May 14

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:30 p. m.	8:30	7:30	6:30	5:30

WHO (526m-570kc), Sigma Alpha Iota sorority program.

Atlantic	Eastern	Central	Mountain	Pacific
10::30	9:30	8::30	7:30	6:30

WGR (319m-940kc), Etude trio.

Atlantic	Eastern	Central	Mountain	Pacific
11:30	10:30	9:30	8:30	7:30

WBAP (475.9m-630kc), Post Office band.

Atlantic	Eastern	Central	Mountain	Pacific
12 m.	11	10	9	8

WSM (282.8m-1060kc), College quartet.

For stations silent tonight refer to first Friday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, Mozart choir; 9:30, WEAF; 10:30, WEAF.

CLASSICAL CONCERTS INDEX

Saturday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

WCX, WEAF, WMCA, WREO.

8	7	6	5	4

KGO, KYW, WEAR, WENR, WMAQ, WNYC, WOAW, WOK, WRC.

9	8	7	6	5

KDKA, KFNF, KOIL, KSD, KYW, WBBR, WGN, WMBB, WNYC, WOAW, WQJ.

10	9	8	7	6

KFOA, KPRC, KHJ, KYW, WHAS, WIP, WLW, WORD, WSAI, WSOE.

11	10	9	8	7

KNX, KYW, WEAF, WMAQ, WMC, WOAW, WOC, WORD.

12 m.	11	10	9	8

KGO.

1 a. m.	12 m.	11	10	9

WOAW.

Sunday

Atlantic	Eastern	Central	Mountain	Pacific
7:20 p. m.	6:20	5:20	4:20	3:20

WCAE, WCAU, WEAF, WEEI, WJAR, WJAZ, WTAG, WWJ.

9	8	7	6	5

WAMD, WBZ, WEAR, WCAU, WHAR, WJAZ, WHT, WNYC, WQJ.

10	9	8	7	6

KFDM, KPRC, KSD, WBZ, WCBD, WCCO, WEAR, WGY.

9:15	8:15	7:15	6:15	5:15

WEAF chain.

11	10	9	8	7

KHJ, KNX, KTHS, KYW, WCCO, WFAA, WOC, WSOE.

12 m.	11	10	9	8

KFVE, KHJ, KNX, KPO, KTHS, WKRC, WOC.

1 a. m.	12 m.	11	10	9

KHJ, KNX, WOC.

2	1	12 m	11	10

KNX.

Monday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

KGO, WCX, WEAF, WOK, WREO, WWJ.

8	7	6	5	4

KMA, WBBR, WCCO, WEAF, WEAR, WHAR, WHAD, WHT, WJR, WMBB, WOAW, WTAG.

9	8	7	6	5

KFNF, KSD, WBZ, WCX, WLW, WTIC.

10	9	8	7	6

KFOA, KGO, KHJ, KPRC, WCCO, WBZ, WHAD, WHO, WLW, WORD, WOS.

11	10	9	8	7

KMA, KPO, KPRC, KSD, KTHS, WAMD, WCCO, WHAD, WOAW, WSUI.

12 m.	11	10	9	8

KGW, KHJ, KMA, KSD, KTHS, KWSC, WSAI.

1 a. m.	12 m.	11	10	9

KGW, WBAP, WSAI.

2	1	12 m	11	10

KHJ.

Tuesday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

WBZ, WCX, WREO, WWJ.

8	7	6	5	4

KGO, KMA, WEAR, WHAD, WJR, WMAQ, WOAW, WOK, WTIC, WWJ.

9	8	7	6	5

KFNF, KSD, KYW, WBZ, WCAE, WCX, WEAR, WHT, WLS, WMBB, WQJ, WRC, WTIC.

10	9	8	7	6

KFDM, KFOA, KGO, KHJ, KLDS, KYW, WCAE, WCBD, WCCO, WEAF, WEEI, WGR, WHAS, WJAR, WLW, WMAQ, WOC, WORD, WTAG.

Atlantic	Eastern	Central	Mountain	Pacific
11 p. m.	10	9	8	7

KFAB, KFDM, KFUO, KMA, KNX, KPRC, KTHS, WCAE, WCCO, WEAF, WEAR, WEEI, WLW, WMCA, WOC, WSAI, WSOE, WTAG.

12 m.	11	10	9	8

KGO, KHJ, KMA, KYW, WSAI.

1 a. m.	12 m.	11	10	9

KPO, KYW, WHO, WMC.

Wednesday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

WCX, WREO, WWJ.

8	7	6	5	4

KGO, WEAR, WHAD, WJR, WMAQ, WOK, WTIC.

9	8	7	6	5

KFNF, KPRC, KSD, KYW, WAMD, WBZ, WCX, WEAF, WEEI, WHT, WLW, WMBB, WMCA, WQJ, WTAG, WWJ.

10	9	8	7	6

KFOA, KGO, KPRC, KSD, KYW, WBZ, WCCO, WDAF, WEEI, WGR, WHAD, WHAS, WJAR, WMAQ, WOR, WOS, WORD.

11	10	9	8	7

KFMX, KMA, KNX, KTHS, WAMD, WCCO, WEAF, WEEI, WGR, WHAD, WJAR, WLS, WMAQ, WNYC, WOC, WSOE.

12 m.	11	10	9	8

KGO, KGW, KMA, KPO, KTHS, WCAE, WLS, WLW, WOC, WSAI.

1 a. m.	12 m.	11	10	9

KGW, KPO, WHAD, WLW.

2	1	12 m	11	10

WLW.

Thursday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

WBZ, WCX, WIP, WREO, WWJ.

8	7	6	5	4

KGO, KSD, WEAF, WEAR, WGBS, WHAD, WJR, WMAQ, WOAW, WOK, WWJ.

9	8	7	6	5

KYW, WBBR, WBZ, WCAU, WCCO, WCX, WEAR, WEEI, WGR, WGY, WHAR, WHT, WLS, WLW, WMBB, WOAW, WQJ, WTAG, WTIC.

10	9	8	7	6

KHJ, KLDS, WBAP, WCAE, WCAU, WCBD, WCCO, WEAF, WEEI, WGR, WHAR, WHAS, WJAR, WJAZ, WNYC, WOC, WORD, WRC, WSAI, WSB, WTAG.

11	10	9	8	7

KNX, KPRC, KTHS, KYW, WAMD, WGR, WGY, WHAD, WJAZ, WJIC, WOAW, WOC, WSAI.

12 m.	11	10	9	8

KGO, KPO, KTHS, WBAP, WJAZ, WKRC.

1 a. m.	12 m.	11	10	9

KGW, KPO, WHO, WKRC.

Friday

Atlantic	Eastern	Central	Mountain	Pacific
7 p. m.	6	5	4	3

KGO, WCX, WMCA, WREO, WWJ.

8	7	6	5	4

KGO, WEBJ, WGY, WHAD, WJR, WMAQ, WOAW, WOK, WOR, WTIC.

9	8	7	6	5

KYW, WAHG, WAMD, WBZ, WCAU, WCX, WEBJ, WEEI, WHT, WLS, WQJ, WWJ.

10	9	8	7	6

KFDM, KFNF, KFOA, KGO, KHJ, KSD, KYW, WBAP, WBZ, WCAU, WDAF, WEEI, WHAD, WJAR, WMAQ, WMCA, WSAI.

11	10	9	8	7

KFAB, KFDM, KOA, WCCO, WHAD, WMAQ.

12 m.	11	10	9	8

KFMX, KHJ, KNX, KPO.

1 a. m.	12 m.	11	10	9

KPO.

Friday, May 14

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:45 p. m., Clarence Seaman and his Pennsylvania hotel orchestra; 7:30, Snellenburg instrumental trio; 8, recital; 8:15, chiropractic talk; 8:30, The Singing Groundhog; 8:45, The Bryan Girl; 9, The Regina Crooners; 9:15, Dwight Strickland, poetician; 9:30, dance music; 10, Archie Lloyd, songs; 10:30, Jack Myers' Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Vincent Lopez and his orchestra; Ye Crinoline Three; Nell O'Brien; Vincent Lopez and his orchestra; Michael Markel's dance orchestra; Happiness Candy Boys; Whittall Anglo-Persians; Alexander Chigrinsky, pianist; Ben Bernie and his orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Murray Whiteman and his serenaders; 7:30, WEAF; 8, Audubon Terrace Meadow Larks; 8:30, Gertrude Hutchinson program; 8:45, Walter F. Watson, tenor; 9, Winger's Crescent Park entertainers; 9:30, musical department, Y. W. C. A.; 10, WEAF; 10:30, Etude trio, piano, violin and cornet; 11, Vincent Lopez Hotel Statler dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.

WJAR, Providence, R. I. (305.9m-950kc), 8 p. m., musicale; 8:30, WEAF; 9, musicale; 10, WEAF; 11, Providence-Biltmore dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Commodore concert orchestra; 8, Sundial Shoe serenaders; 8:30, Bonnie Laddies; 9, Baldwin hour, WGY; 10:30, Hotel Lorraine Grill orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:10 p. m., Arcadia cafe concert orchestra; 9, Schickerling hour; 10, Morning Glory club concert; Arcadia cafe dance orchestra; 10:30, Rufus and Rastus; 11, Freshman Masterpiece hour; 12 midnight, Morning Glory concert.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Ritz Carlton dance orchestra; 8, recital; 9:30, Fox theater program; 10, WEAF; 10:30, Sylvania dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert; 9, concert.

WABQ, Haverford, Pa. (261m-1150kc), 11 p. m., Horace Mueller, organist; William Steward, pianist.

WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Goldie Gordon, violinist; Badger quartet.

WCAP, Washington, D. C. (468.5m-640kc), 6-6:30 p. m., Mozart string quintet; 6:45-9, playlet, features; 9-9:30, WEAF; 9:30-10, studio program; 10-12 midnight, music, Wardman Park hotel.

WEBH, Chicago, Ill. (370.2m-810kc), 7 p. m., Osborn's orchestra; Bernard Weber, Pauline Sachs; 9:15, Osborn's orchestra; Bernard Weber; 11-12:30 a. m., Orpole orchestra; Irene Beasley; Day and Knight.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., diversified program; old-time duet, Mr. and Mrs. Charles Waller.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-6:55 p. m., musical program; 6:55-7:15, Drake concert ensemble, Blackstone string quintet, request program; 8:30-9, musical program; 9-9:30, WEAF; 9:30-10, Phantom violin; 10-10:10, Sam 'n' Henry; 10:10-10:20, musical program; 10:20-10:40, the play shop; 10:40-11, musical program, ensemble.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney, organist; Helen Raub, pianist; 7:30, Ray-O-Vac concert; 8:45-10:15 (238m-1260kc), Cinderella cafe orchestra; 10:30 (399.8m-750kc), Sunbeam Girls; 11:05, Lofdis half-hour presentation; 12 midnight, your hour league.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Elsie Orr, soprano; Ray McKay; WIBO string trio; 10-2 a. m., popular program.

WJAZ, Chicago, Ill. (322.9m-910kc), 9-1 a. m., dance program, Club Chez Pierre; Earl Hoffman orchestra; Pierre revue.

WJJD, Mooseheart, Ill. (370.2m-810kc), 8-9 p. m., music by children; 10-11, Senator Harold C. Kessinger; Palmer House Victorians; 12:30, settin' up hour.

WLIB, Chicago, Ill. (302.8m-990kc), 7:15-7:20 p. m., The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, Drake concert ensemble; 11-11:30, songs, Correll and Gosden; 11:20-12:30 a. m., ensemble; Charley Straight's Rendezvous cafe orchestra, Drake hotel concert orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 7:15-12 midnight, national barn dance.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 8:30, to be announced.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9:15-10 p. m., classical program; 10-11, Hope college.

WRVA, Richmond, Va. (250.3m-1170kc), 7 p. m., Hotel Richmond orchestra; 8:30, Neapolitan night; 10:30-11:30, Hotel Richmond Winter Garden orchestra.

WSWS, Chicago, Ill. (275.8m-1090kc), 8 p. m., Terrace Garden orchestra; 10, Terrace Garden Five; Skylark male quartet.

WTAM, Cleveland, Ohio (389.4m-770kc), 6-7 p. m., Carl Rupp and his Hotel Hollenden orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 7:15 p. m., program, American Legion; 9:45, WTIC Mail bag; 10, Emil Heimberger's Hotel Bond dance orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF; 9:30, dance program.

Central Standard Time Stations

KFDM, Beaumont, Tex. (315.6m-950kc), 8-10 p. m., Magnolia Petroleum company's band.

KFH, Wichita, Kan. (267.7m-1120kc), 7-8 p. m., Gold Medal Krackers.

KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., Immaculate Conception academy.

KFNF, Shenandoah, Iowa (263m-1140kc), 7:30 p. m., pipe organ concert.

KFUO, St. Louis, Mo. (545.1m-550kc), 9:30 p. m., "The Last Journey to, and Entrance into, Jerusalem;" R. Casmerer, pianist.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., popular musical program.

KOIL, Council Bluffs, Iowa (277.6m-1080kc), 6 p. m., Jack and Jill; 6:35, Royal Fontenelle orchestra; 7:35, Grace Pool Steinberg, soprano; 8:30, Dresher Brothers entertainers; 11, Hotsy Totsy hour.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-10 p. m., New Arlington hotel Meyer Davis string quartet; 10-11, Pooley hour, Rainbow Garden.

KYW, Chicago, Ill. (335.4m-560kc), 6-7 p. m., musical program; 7-8, Congress hotel; 8-9:30, classical concert; 9:30-10:30, carnival.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Texas Woman's college; 9:30-11, Post Office band; 11, Panther Hawaiian trio.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 9 p. m., Lighthouse choir; Rhea Yeager, cellist; Maitland Allred, tenor; 9:45, Percy Augustine, tenor.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Foxtrotters orchestra; 8:30-9:30, Priest family recital.

WGBF, Evansville, Ind. (236.1m-1270kc), 7 p. m., A. L. Maxwell company; 8, Evansville college musical program.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Louisville Music and Radio company.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra; Bert Beuder, soloist; Zelma Maddock, pianist.

WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., Sigma Alpha Iota national musical sorority; 11-12 midnight, Philbreck and his Younker tea room orchestra.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., News and Express and college of music program.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., Gilbert Jaffy, violinist; Harry Braviroff, pianist; 9, program; 10:30, Frank Hodek and his Nightingale orchestra.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10-1 a. m., Rainbo Skylarks; Dr. H. Lucille Long; Harold Olson; Clark's Hawaiian trio; Johnny Post; Tell Taylor; 1-2, Ginger hour.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's orchestra; 8, program, Mrs. L. L. Gamble; 10, David Libscomb college quartet.

Mountain Standard Time Stations

KOB, State College, N. M. (348.6m-860kc), 7:30-8:30 p. m., musical program, Mrs. Whalen, director.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 5:30 p. m., program, Eugene Biscaluz; 6:30, Carlyle Stevenson's orchestra; 7:30, Felipe Delgado and Edna Clark Muir; 8, Aeolian organ recital; 9, William MacDougall, Scotch singer; 9:30, musical program, John contest; Jimmie Mack; 10, Packard ballad hour; Emma Kimmel, Pat O'Neal, Kray Tremaine, Ashley Sisters.

KGO, Oakland, Calif. (361.2m-830kc), 8 p. m., Mills college annual dinner.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, concert, vocal and instrumental; 9-10:30, concert; 10:30-12 midnight, frolic, Keep Growing Wiser Order of Hoot Owls, Pantages stars, features.

KOAC, Corvallis, Ore. (280.2m-1070kc), 7:20 p. m., Arthur Kirkham, tenor; 8-9, musical program.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m., Breuner's.

KWSC, Pullman, Wash. (348.6m-860kc), 7:15 p. m., program, Wauna club of Asotin.

Theater Installs Ear Phones For Slightly Deaf Patrons

LONDON, Eng.—In order that theatergoers who are slightly deaf may not miss any of the fun in "The Farmer's Wife," London's most popular play, now in its third year at the Court theater, a novel Radio scheme has been introduced by the management.

"Lorgnette" head phones, or more correctly ear phones, have been installed in certain parts of the dress circle and stalls, so that members of the audience who are a little hard of hearing will not have their enjoyment lessened through missing some of the best points.

All the stories you hear of cost-savings by home-assembly of radios, no more than approximate the economies effected by Crosley methods of mass-production. Imagine, for example, a five-tube set of rare tonal quality, fine sensitivity, superb volume and exquisite beauty for $75! That is the price of the new Crosley 5-tube RFL . . . without accessories

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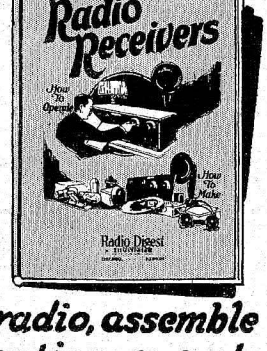

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5-1-26

SOUTH AFRICA SHOW GETS U. S. PROGRAM

MESSAGE IS ALSO HEARD BY AUSTRALIAN FAN

2XAF, Schenectady, and Johannesburg Experimenter Successfully Arrange Broadcast Relay

SCHENECTADY.—2XAF and Grant Dalton, an enterprising South African experimenter, have demonstrated that it is possible to schedule an 8,050-mile Radio broadcast relay and make good on the program. It came about this way.

The annual agricultural show of the South African Union was held recently in Johannesburg. The show management believed that it would be a fitting climax to the week to give the visitors an opportunity to hear a Radio program from the United States. Cables were exchanged with the General Electric company and a definite time was fixed for the broadcasting, 4 to 6 p. m. Eastern time on the Saturday night the show was to close.

William M. Jardine, United States secretary of agriculture, prepared a greeting and other American agricultural leaders sent messages. There were also musical numbers and all were sent out on the 32.79-meter wave of 2XAF, from the studio of WGY here.

Even Australia Tunes In

South Africa reported by cable that the relay was a great success and then a few hours later, sifting through amateur channels, came a message from E. H. Cox, of Elsternwick, Victoria, Australia, to the effect that he had heard the whole program of 2XAF as late as 7 o'clock in the morning. Johannesburg got the program at about midnight.

South Africans cabled: "Much obliged your cooperation. Special program relayed Sunday a great success. Express our thanks to participants. South African agriculturists reciprocate wishes. Transmitting your Sunday morning dinner music."

Australian 14,000 Miles Away

The Australian, Mr. Cox (3BD), reported as follows: "Your concert to South Africa heard very loud here three hours after sunrise. Signal would travel eastward from you so distance would be 14,000 miles. Congratulations. Do you ever use 32-meter phone about 4 a. m. Eastern Standard time? Heard phone as late as 7 a. m. and carrier came through as late as 8 a. m."

2XAF is a little brother of the 50-kilowatt transmitter of WGY. It is one of six Radio transmitters on the 54-acre Radio laboratory of the General Electric company. The aerial is only 50 feet long and about the diameter of a lead pencil. 2XAF uses 10,000 watts of power.

Copyrights Busy Overseas

LONDON.—The initiative has been taken by the authors and dramatists of the Intellectual Cooperative society, which has just held a meeting in Paris under the presidency of M. Luchaire, director of the International Institute of Intellectual Cooperation, with the object of safeguarding the interests of artistic and literary property throughout the world.

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Reader's Views

Wanna Learn Something?

In April 3 issue of Radio Digest I see that H. W. H. of Vandalia, Mo., thinks that listening in on a program of Station WOWL with a 3-tube set is such a wonderful feat. I, for one, do not think so. I have a 1-tube single circuit regenerative set.

On Friday, March 26, 1926, I listened in on Station KFIU, Juneau, Alaska, wave length 226 meters, power 10 watts. The distance is about 950 miles, air line. We had two head phones on the set, which were in use by my father and I. I will put anybody wise to the trick of receiving low power stations that will drop me a line, especially J. M. H. of Lake Charles, La.—John E. Heuer, Box 179, Trochu, Alberta, Canada.

Everybody Satisfied

I am of the same opinion as most B. C. L. At each intermission I think the number just played and the one to be played should be announced. For instance, this morning on KMA's early program, the announcer told that a certain selection would be played on the piano and when it was finished, he announced again what it was, then who played it and what the next number would be.

The way he announced gave those late tuning in a chance to know what they had just heard and by whom. If all would do this, I think the majority of B. C. L.'s would be better satisfied. —C.C.T., Howe, Nebr.

Pleases Individual Only

Don't you think it about time the broadcasting of listeners' congratulations to Radio performers was stopped? It seems to me perfectly all right for listeners to write, telegraph or telephone their approval of the programs to the broadcasting stations, but who wants to have half the evening taken up with announcing that Bill Jones' Superodox is working fine, and Cy Prime's one-tube Vox Populi is getting it clear as a bell? Of course everyone knows that such people simply want to hear their names broadcast. It is getting to be a regular nuisance, I imagine, to everyone except the individual who is waiting to hear his name heralded through the air.—J.A.B., Colorado Springs, Colo.

Just What It Means

I would like to voice my opinion on some of the letters in your Reader's View column.

If T.H., Okemah, Okla., had used a good standard dictionary he would have found out that "just" means "very lately, a moment ago," which surely justifies the way in which the announcers use it.

Also, what about someone with a new set who possibly hasn't heard a piece of music 150 times?

As to announcer giving a brief description of some of the classic music, I think it makes a piece much more interesting.

A "RADEX" Tuning Chart
Shows by dial numbers, wave length to which set is tuned. Tells where to place dials for any station. Identifies programs received without announcement.
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Tunes out that troublesome, powerful station. Brings in stations you never had before. *500,000 actually sold.* Radio owners proved to themselves on our free trial that this marvelous instrument fills every claim. Try One at our risk. Learn how much interference you have called static—absorbs some static, too.

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In short, I think there is great improvement to be made in broadcasting, but not much will come from some of these cheap critics. I believe a decent letter to the station telling them what you like and don't like would bring better results. J.H.L., Lansing, Ia.

Plea for Fairness

During the past year, Radio has gone from bad to worse; at least, that is my opinion, due to the fact that the average listener is constantly criticising the broadcasters.

There are many cases to cite, but I know of one particular case where a certain party listened from 7 until 11:30 p. m., and was well satisfied. But at 11:35 the station announced an SOS at sea and shut down. The next day, a letter was speeding to them with all sorts of complaints against them, although the sender knew that SOS was the reason.

When people can get as mean as that I think they are the lowest type of humanity—sitting around a cozy fire and having no cause for alarm, while perhaps a hundred people at sea are relying on those few letters, SOS, for life itself, perhaps half frozen in the waters, men, women and children alike. I believe every good American citizen should be willing to shut off his or her set for a few minutes and even offer a prayer for the sake of the unfortunates.

I hope some of you other fans will take up the cause and make plain just what an SOS at sea means. A.F., Cedar Rapids, Nebr.

Poor Business

Concerning this business about announcer's not doing their work right:

Being an ardent worshipper of the great god, DX, I have had, of course, occasion many times to tune in stations where an announcer would not so much as offer the slightest clue as to the identity of the station. I think that such a habit or custom, or whatever it may be called, is not boosting a station, but is bringing upon it the ire of many Radio fans. It seems that every station would like to be on the right side of its listeners, but certainly the manager of a station that so closely hides its identity is not going about this affair in the right manner.

It's discouraging to listen to a station which might be far off without hearing where the station is. O.W.T., Baldwinville, Mass.

Permanent Test Period

Why wouldn't it be a good plan to have a permanent test period in the United States, devoting a short time on a certain day each week for this purpose, the time, if not the day, to be different in each time zone? Only call letters and location should be broadcast during this period, a la CZE, or if music, only a few bars at a time. A few stations could start the ball rolling, if necessary requesting other stations who follow suit to observe the same hour.—A.F.D., Baltimore, Md.

He's Laughing at You

Everytime I buy a new Radio Digest I get an awful laugh out of these wonderful tuners who pull in the 10-watt stations.

Let C.E.J. of Boston and H.W.H. of Vandalia, Mo., read this and weep.

On December 12, 1923, I pulled in KFJR at Stevensville, Mont., a distance of 1,500 miles, who was using five watts of power.

If any proof is needed, I will gladly send a photostatic copy of the affidavit Mr. A. C. Dixon sent me, or they can write to Mr. Dixon, KFJR, now located at Portland, Oregon.—R.A.V., Lafayette, Ind.

Bill Asks That Copyrighted Music Tell Reserved Rights

WASHINGTON, D. C.—Representative MacGregor of New York has introduced a bill in the house which has been referred to the committee on patents dealing with the Radio copyright situation.

The bill provides that the sale of copyrighted music composition shall carry with it the implied price to the purchaser or other lawful holder, to publicly perform it for profit or otherwise unless there shall be printed on the title page or othewise conspicuously displayed on it, a notice that the rights of such public performance are reserved to the author or owner. The bill affects composers and publishers and is along the line of certain suggestions made during the course of the recent Radio copyright hearings.

Iowa's attorney general, Benjamin Gibson, has joined forces with the Iowa Radio Listeners league to eliminate interference throughout the state. Mr. Gibson's first move will be the drafting of a statue aimed at manufacturers of Radio receivers which cause interference.

Increase Your *Radio Vision*

YOUR Radio set brings to your ears the programs. This arouses a desire to see a likeness of entertainers and stations. Here is where you have need of something to give you this real vision. Our mission is to supply this factor in Radio, and we offer

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5-1-26

Radio Comes to Rescue of Postmaster Who Had Chicks Stranded in Office

HOT SPRINGS, Ark.—That Radio serves in many curious ways was illustrated in Hot Springs, Arkansas, once more when the offices of Station KTHS, the New Arlington hotel, brought back the smiles to the lips of Postmaster Carey Johnson, after two days when all the joy had been abstracted from his busy life by the arrival of 100 chicks in his office.

He freely admitted that was too many chicks for his peace of mind, regardless of the fact that they were all beautiful specimens—of the feathered variety.

Can't Find Missing Keys

Life was going its merry round when a train brought in an even hundred pure bred chicks consigned to one A. B. Keys. Then the clouds began to darken the sunny skies of Postmaster Carey's morning when the carriers could not locate Keys. A search of directories failed to shed any light on the situation, and meantime the chicks got hungry and yet more hungry and their lamentations lifted skyward in outraged cluckings.

One day passed; then another of anxiety for men, postmaster and chicks. Finally a brilliant idea percolated to the postmasterial cranium. "Let's try Radio." Announcer G. C. Arnoux, of KTHS, was consulted. An hour later the call for Mr. Keys went out over the air, advising him to come get his chicks before the postal clerks took to the woods or made dumplings of same.

Ride of Hero of Tiger Creek

Far out in the neighborhood of Tiger Creek, beyond reach of mail routes or phone, lived a gent Yclept Swartz, and being a progressive farmer, he owned a Radio. Of course he possessed a mule. His Radio was pointed for KTHS and hearing the pitiful appeal of the post office, he saddled up Betsy and went speeding cross country a good two miles to the bank of the creek where resided the missing Keys.

Three hours later the much sought for owner of the chicks arrived, backed his wagon up to the post office and relieved the harassed postmaster of his unwelcome guests.

Is Postmaster Carey a Radio fan? We should hope to cheep.

STATIONS BOAST OF QUICK CHANGE OVER

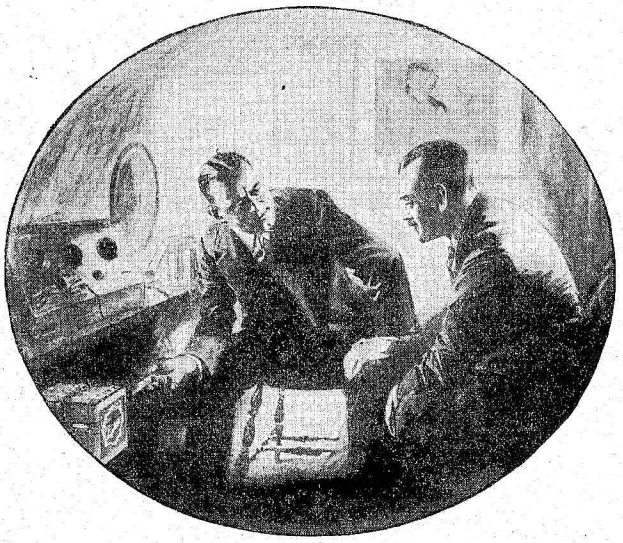
TWO STATIONS in different vicinities, WJZ at New York and WKRC at Cincinnati, announce that they can now change over from one remote control pick-up point to another, while one announcer is in the middle of a sentence, and have the sentence completed at the second pick-up point by another announcer without listeners being able to detect a second's pause. Evidently both stations have been working along the same line of perfection.

Give Shell Race Data Fast By Short Wave Rebroadcast

SEATTLE, Wash.—When the University of Washington's star oarsmen drubbed the crew of the University of California recently on Lake Washington, Station KFOA "trailed" the races from beginning to end and gave the listeners probably a better picture than the spectators along the shore or in small craft along the cruise could get.

The Seattle Times press boat trailed close behind the racing crews and Palmer K. Leberman, short wave expert, broadcast the descriptions of the races "stroke-by-stroke" through a special 38-meter phone set with which the boat had been equipped. The 38-meter wave was received at the Times office and put on telephone wires which went through two exchanges before reaching KFOA's studio. Here the descriptions were listened to and repeated on 455 meters by the KFOA announcer.

A force of nineteen men was required to do this.



"The little wrinkle that makes my 'B' batteries last longer is using the right size Eveready with a 'C' battery"

"I USED to think that because the Eveready 'B' Battery No. 772 cost less than either of the larger Heavy Duty Eveready that I was saving money. As a matter of fact, on four or five tube sets, that was false economy.

"The right size Eveready 'B' Batteries to use depends on the number of tubes in your set. The life of the batteries depends on how much you listen in and on whether a 'C' battery is employed."

To get the maximum of "B" battery life and satisfaction, follow these simple rules:

On 1 to 3 tubes—Use Eveready No. 772.

On 4 or more tubes—Use the Heavy Duty "B" Batteries, either No. 770, or the even longer-lived Eveready Layerbilt No. 486.

On all but single tube sets—Use a "C" battery.*

Follow these rules, and No. 772, on 1 to 3 tube sets, will last a year or more; Heavy Duties, on sets of 4 or more tubes, eight months or longer.

The average year-round use of a set is two hours a day. If you listen longer, your "B" batteries will have a somewhat shorter life. If you listen less, they will last longer.

Our new booklet, "Choosing and Using the Right Radio Batteries," is free for the asking. It also tells about the proper battery equipment for the new power tubes.

*NOTE: A "C" battery greatly increases the life of your "B" batteries and gives a quality of reception unobtainable without it. Radio sets may easily be changed to permit the use of a "C" battery by any competent radio service man.

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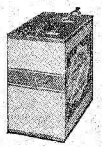
WEEI—*Boston*	WSAI—*Cincinnati*	WCCO—*Minneapolis, St. Paul*
WTAG—*Worcester*	WHAR—*Cleveland*	
WFI—*Philadelphia*	WWJ—*Detroit*	KSD—*St. Louis*



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A STEP ON THE STAIRS

(Continued from page 12)

ily as the muffled roar of an automobile engine diminishing rapidly as the car of the state troopers swept out toward the Bay road, evidenced that the long arm of the law was gathering in its own. "There is a streak of light in the East. . . The dawn is coming."

"It has been a hard night for you, dear," remarked John, in a half whisper. "And you were wonderful through it all."

"I am afraid I am not a very good detective, John . . . Not nearly so good as Hazel Stanton. . . She has such admirable qualities as a policewoman."

"Forget Hazel Stanton. She was never anything but a minor character in the piece. And as a detective—bah! She was always picking the wrong one."

"She picked you, John. . . I could see it in her eyes. She was a woman first and a detective second, and I hated her. I believe if I hadn't hated her I shouldn't have mixed up in this business at all."

"Then there is that much to her credit anyway. She brought us together. I might still be flitting about in the dark if it hadn't been for your bravery."

"Bravery!" The girl laughed. "I brave? Why I was frightened to death. Every minute of this night I wanted you, Johnny. . . I was so alone . . . So helpless."

"Helpless? Helpless? If you've solved a murder mystery and captured a murderer while helpless, it ought to be a positive pleasure to see you work when you felt sure of yourself."

"Don't laugh at me, John, I mean it. Never in my life again will I be able to forget that horrible front door—firm and strong and tightly barred—but letting terrible creatures walk through it at will, in and out, in the dark."

"You needn't worry about the door any more. Uncle Peleg has had it nailed up. He says he is going away on his long cruise and try to do his permanent dying somewhere else so that his corpse won't have to be carried out through the Turners' last exit. He is giving us this house if you think you can stand to live in its shadows. . . And when we're married, we can cut a new door through the front wall with a glass panel in it looking out through the cedars toward the bay. . ."

He broke off suddenly and half rose from the davenport. The girl pulled him back with a start of terror.

"Listen, Johnny! What's that?"

"It's nothing, dearest. . . It can't be anything now."

"Don't leave me, Johnny. . . It's the step . . . the step on the stairs. . . The hall door is opening."

"It's Hari Singh."

The Hindu grinned.

"We have a visitor, Sahib," he said. "A clergyman, who says that Peleg Turner telephoned to him to come at once to marry someone."

"Call Uncle Peleg and show the gentleman in," directed John Carton.

"What are you delaying for, Hari Singh?" inquired Mary Williams.

CONCLUSION

KMTR IS "HIGH-BROW"

(Continued from page 13)

the start. Mammy Simmons, as all in Atlanta, Georgia will remember, was the Uncle Remus story teller at that city for a long, long time, and the memories of Joel Chandler Harris are now being kept alive out on the Pacific coast as well as in the South.

Outside of the concert hour in the evening and Mammy Simmon's home hour for the children, nothing is presented over KMTR but educational talks and lectures of the highest caliber given by men and women who are authorities in their respective lines. But one remote control studio is used although the station owns and operates the short wave broadcaster 6XBA, designed and built by its chief technician, Freeman Lang, as well as a fleet of public address systems mounted on automobile chassis, which enable the station to reach out and bring in almost any feature that might happen around Los Angeles.

To those who still think of Hollywood as a movie city, with nothing but Rolls-Royces on the streets and life one succession of gay parties, it would probably be a revelation to listen in on KMTR on a Tuesday evening between 7:45 and 8:30 to hear the broadcast of the Hollywood community sing where the people of Hollywood get together, just as they do in Podunk, Indiana, or any other town in America, and join in community singing.

So KMTR is a high-brow station and proud of it. As the directors say, nearly every Radio station in the country seems to be catering to the low-brow so why not have a few that are avowedly for the high-brow listener.

"BIG RABBIT"

(Continued from page 9)

I BREATHED with relief. Miss Tonneson at least was under the protection of Major Gaskill. The prospect of again striking the trail filled me with new life. I hastened to the water front and began making my way along the slips, inquiring about a boat, fearing the party had taken one of the large passenger steamers either for the upper St. Johns or for the East Coast.

At a slip at the front of Laura street I found the trail. A strange gasoline launch, unnamed, had been in the slip for several days and had left early that morning. It had taken aboard six barrels of gasoline consigned to William Duke and remained in the slip until shortly before eight o'clock when a tall white man, two negro men, and two women, both closely veiled, had boarded the launch, arriving in a taxi cab.

The launch had cast off immediately and proceeded up river. Several persons remembered the launch well. One had seen the party board her, and had observed that one of the women appeared to be sick, as she was supported by the white man and the other woman. The launch, according to the men who saw her, either was a stranger, or had been repainted since any former appearance in the port.

The crew consisted of three negroes, none of whom were known. The dock tender had thought the launch was the property of some of the wealthy winter resorters and had not paid much attention to her.

There was no doubt but that we were on the right trail, and that the party had gone up the St. Johns river. But where?

I still was seeking information when the steamer May Garner came down from the points up the river, and as she waddled into her slip, I approached to make inquiries whether she had passed a launch answering the description I had secured. Captain Grove said he had sighted perhaps a half dozen launches during the trip down from Green Cove Springs, several of which he knew.

He had observed one, a large, white cabin launch, which seemed to fit the description. He had noticed it particularly, because it seemed to be hugging the West side of the river, and was far out of the marked channel.

THE May Garner was at that time in the deep cove at Plummer's landing, and the launch, being more than three miles away and on the opposite side of the river, was indistinct. Captain Grove's attention had been attracted to it by its strange course, indicating either that it was in a great hurry and was making chances of grounding by cutting the corners or that it was striving to escape notice.

Satisfied that the launch was the one we were striving to trace and that its passage would be noted at points further up the river I hastened back to the Seminole where, in a short time, Borton rejoined me.

"We were right," he said shortly, seeming to have forgotten our little clash. "The porter is with them. None of the railroad people knows much. The launch was rented in the name of King, by a colored man, and paid for in advance. The party left the car a few minutes after the train reached Jacksonville, Major Gaskill, Miss Tonneson, Trimble and the maid in a taxi. Miss Tonneson either was drugged or sick. They half carried her. The car was switched out into the yards."

"Trimble returned after helping the women to the taxi and joined the negro porter. Evidently they carried us out of the car and dumped us alongside the railroad in the yards. They were afraid to have us found unconscious in the car for fear the cleaners would call the police. The whole party then went in taxis to a launch at the foot of Laura street. The cab starter heard directions given."

"I discovered that part of it," I assured him, and, as quickly as possible outlined to him the result of my investigations.

"GOOD—the trail leads up the river," Borton said. "No use starting this late today. They can't hide that trail. We must find out about the regular river boats, and lease the fastest motor boat we can get. This afternoon we must make the rounds of the lumber dealers and find where Gaskill's mills are located. Possibly they are going to one of his lumber camps. Then we'll get some sleep. We are both half dead and can't push much further without rest."

Anxious as I was to be on the trail I realized his plan was best. The excitement had buoyed us up during the day, but the deadening effect of the drug, the weariness of the ride, the shock of the abuse we had endured, all were telling upon us. I had scarcely realized how sore and weary I was until Borton spoke and then felt ready to collapse. A glance at Borton's face, drawn and gray from fatigue and suffering, proved that pursuit, for the time being, was out of the question.

For two hours more we dragged our pain wracked bodies around the city. In the first lumber office I learned that Gaskill was the ostensible owner of three saw mill plants; one near Federal Point, one near Sanford and a third on Cross Creek. The greater part of the land controlled by Gaskill had been cut over until the output of the mills was small and they were operated spasmodically.

Gaskill had attempted to sell tracts of land for colonization but the deal had fallen through. Borton returned soon after I completed my task. He had engaged a fast motor boat, the Jason, and had learned the time of departure of all up river steamers. We hardly could keep awake during the dinner and, before nine o'clock, we plunged luxuriously into soothing hot water, and afterward fell asleep in a few minutes, I to dream that I was rescuing Roberta Lee Tonneson from the clutches of a huge rabbit which grinned like Borton.

Dreaming of Roberta in the clutches of a grinning rabbit of giant proportions may have been prophetic for Wen. At any rate the two hounds are set for a devious water trail and the next episode will carry us into a strange and weird setting with the haunting shadows of the Big Rabbit, the girl and her guardians tantalizingly near and yet so far.

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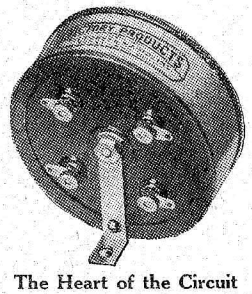
The organization of Radio clubs in Oregon continues at a pleasing rate, the latest addition being the McMinnville Radio club which with its initial bow authorized the purchase of apparatus sufficient to "clean the air" in their locality.

Bring in Europe on a Victoreen "Super"



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Victoreen Air Core Transformers are more than matched—they are actually tuned to guaranteed precision of 1/3 of 1%.

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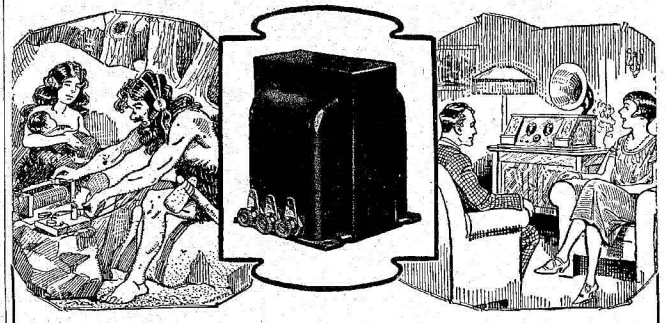

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Chicago, U.S.A.

Super-Torodyne: An Improved 8-Tube Super

Part IV—Completed Wiring and Operation

By J. E. Owen, Univ. of Okla.

CONTINUING last week's article we shall complete the wiring of the Super-Torodyne as it would be used with an aerial, and will then consider circuit modifications which permit the use of a loop such as the one shown in figure 10.

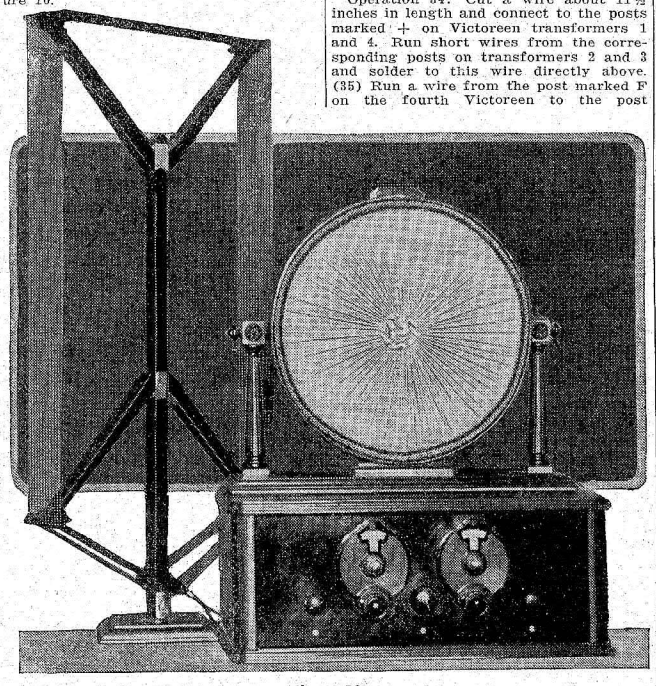

Figure 10

The Victoreen transformers may now be placed upon the sub panel and mounted at an angle of approximately 45 degrees, each to the other, as was explained in the second article.

Operation 27: Run a wire from P on socket No. 1 to P on the first Victoreen transformer. (28) Run a wire from G of socket No. 2 to G on the first Victoreen. (29) Run a wire from P on socket No. 2 to P on the second Victoreen. (30) Run a wire from G on socket No. 3 to G on the second Victoreen. (31) Run a wire from P on socket No. 3 to P on the third Victoreen. (32) Connect a wire from G on socket No. 5 to G on the third Victoreen. (33) Run a wire from P on socket No. 5 to P on the fourth Victoreen. Now run a wire from G on the fourth Victoreen under this transformer and toward the back, where it is connected to one side of the grid condenser of the second detector. A wire from the other side of this condenser goes to the post marked G on socket No. 6. These wires form the only support for the second grid condenser as may be seen in figures 4 and 7.

Operation 34: Cut a wire about 11½ inches in length and connect to the posts marked + on Victoreen transformers 1 and 4. Run short wires from the corresponding posts on transformers 2 and 3 and solder to this wire directly above. (35) Run a wire from the post marked F on the fourth Victoreen to the post marked — on socket No. 4, which is really the positive filament post. Take a wire about 8 inches long and connect the posts marked F on transformers 1 and 3. From the post marked F on transformer No. 2 run a lead to the wire directly above it and solder.

Operation 36: Drill a hole back of the hole behind Amperite No. 4. (37) Run a wire under the sub panel from the left terminal screw of the right Tobe fixed condenser up through and solder it to the wire that connects the binding post marked F on the Victoreens Nos. 1, 2, and 3. (38) Drill through the sub panel, back of the potentiometer and slightly to the right. Run a wire from the moving arm connection of this potentiometer through this hole and to the left terminal of the right Tobe condenser. (39) Drill two holes between Victoreens Nos. 1 and 2. Solder a wire to the lead which connects the posts marked + on the four Victoreens and run it through one of the holes just drilled and over to the right terminal screw on the left Tobe condenser. This wire should be insulated, particularly under the sub panel. A wire should be soldered to it and to the terminal of the Bremer-Tully choke that has no connection.

The binding post strip with its brackets should now be put on the sub panel, and over the Victoreen transformers. Connect a wire from the left binding post marked ANT to the post marked P on the left toroid coil. The second binding post which is also marked ANT is connected to the binding post T on the left toroid coil. Use spaghetti insulation on these leads. Connect the next binding post marked GND to the next one to it marked A BAT. There is a hole between Victoreens Nos. 1 and 2 through which there is no wire. (40) Connect a wire to the binding post marked A BAT—, run it down through this hole, and solder to the negative bus underneath the sub panel.

Operation 41: The next binding post is marked A BAT+. Run a wire from it to the next post which is marked C BAT+. Drill a hole between Victoreens Nos. 2 and 3. (42) Run a wire down through this hole, connecting at the top with the wire common to the binding posts marked B BAT—, C BAT+, and A BAT+. After it passes through the sub panel, bend it straight toward the front until it reaches the front panel, then bend it to the right until it comes directly below the Benjamin battery switch. Use spaghetti on this wire. It is now brought up and soldered to one terminal on the switch. A short wire connects the other terminal of this switch with the positive bus under the sub panel. (43) From the post marked F on the top Jefferson transformer an insulated wire is run to the binding post marked C BAT—. The next binding post after the B BAT— is the +B detector. An insulated wire is run from this binding post to the binding post on the lower Jefferson transformer marked B. The next binding post on the binding post strip is marked B AMP+. Drill a hole between Victoreens Nos. 3 and 4. (44) Drill another hole between socket No. 7 and the Jefferson transformers. Run a wire from the binding post marked B on the upper Jefferson transformer through this hole, across to the left, then bend to the back and up through the hole between Victoreens Nos. 3 and 4, and connect to the post marked B AMP+. A wire also con-

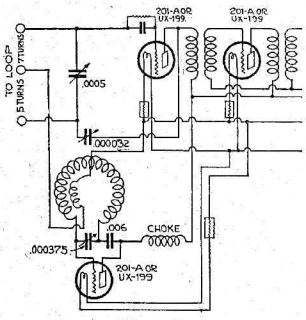

Figure 11

(Continued on next page)

Gets Everything But Noise!

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Kane Antennae Co., Jan. 16, 1926.
Gentlemen:
We have found your Kane Antennae the greatest thing we have come across in the way of eliminating interference. It is a real life saver to us, as since we have installed it we get wonderful reception, where before we got only noise.
Very truly yours,
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Entirely eliminates all power noises such as leaky transformers, generators, motor hums, Delco Plants, etc. Cuts static and regeneration howls and squeals in two. Proves statements of leading Radio Engineers that fully 75% of so-called "summer static" is nothing more than electric power interferences. Dr. Gebrig of Oakland, Cal., says it improves his reception fully 60 percent. Do away forever with disagreeable noises.

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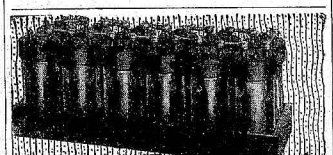

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Send No Money Just state battery wanted and we will ship day order is received, by Express C. O. D., subject to your examination on arrival. FREE "B" Battery included. Extra offer! 5 per cent discount for cash in full with order. Buy now and get a guaranteed battery at 50 per cent saving to you.

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CHICAGO

NEW SUPER-TORODYNE

(Continued from preceding page)

nects this post to the one next to it marked SPEAKER. The other speaker post connects to the post on socket No. 8 marked P.

Test the Wiring

The Super-Torodyne is now wired. Be sure that the Amperite cartridges and the grid leaks are secure in their mountings, Amperites 7 and 8 being the No. 120 type. Insert tubes in their sockets. Connect the A battery to its terminals and notice whether the tubes all turn on and off as the Benjamin battery switch is operated. If everything is satisfactory, disconnect the A BAT+ lead and touch it to the post marked C BAT+. The tubes should now light. Next, connect the A BAT+ lead to the post marked C BAT—. The tubes should not light with the switch either in or out. Now connect the lead to the B BAT— post. The tubes should light with the switch on but should not light when the switch is off. Now connect it to the B+ and the SPEAKER posts in turn. The tubes should not light when connection is made to any of these posts. If the tubes light when they should not, carefully check the wiring until the mistake is found.

Operation of the Set

If the set performs as it should, connect the plus A lead to its post, also the C and B batteries as indicated by the binding posts and the wiring diagram. Connect the ground and the antenna leads, also the speaker to their respective posts. The receiver should now be ready for operation. Set the midget condenser at about half the capacity with the potentiometer near the negative side. Rotate the two main condenser dials until a station is found. Adjust the strength and selectivity of the set with the potentiometer and the midget condenser. A little practice will enable one to tune the set very rapidly and without oscillation in the first detector circuit.

The length of aerial used will depend on local conditions and the degree of selectivity desired. For average reception conditions, one of 60 feet will be sufficient, while a well insulated wire a few feet in length placed under the rug or around the picture moulding will be very good during the static periods of the year.

The use of a single wire aerial makes ease of installation, although it is often desirable to use a loop, particularly in localities congested with Radio traffic. With a medium length aerial, the Super-Torodyn will tune out local stations very effectively, even within a very short distance of such stations. This is due, in part, to the use of the toroid coils in the antenna and oscillator circuits.

The directional characteristics of a loop, however, give a higher degree of selectivity. In figure 10, the Super-Torodyne is shown with an Ajax loop, which is well fitted to the circuit. In figure 11 are shown the few modifications which are necessary in order to use this loop. The "center tap" on the loop is one turn off center, while the connections to be made are shown. No antenna coupler is used. With the Ajax loop, a .000032 mfd. midget condenser should be used for regeneration control.

As a large midget condenser has relatively small body capacity effects on the regeneration control, the tap was taken on the antenna coupler for use with a straight wire aerial in such a way that the mfd. midget condenser could be used.

In the same way that certain parts were specified for use with this receiver, the accessories required need some attention. For the reproducing element, a good speaker is recommended to take full advantage of the low base range of the Jefferson transformers and the enormous volumes that these stages can deliver. For the tubes, use only standard makes. By properly choosing the Amperite, storage battery instead of dry cell tubes may be used. Have your tubes tested and place the two best in sockets Nos. 1 and 5.

There are no major adjustments to be made in the Super-Torodyne when properly wired. Some minor adjustments have been described from time to time in these articles and when these are made and the set assembled according to the directions, you will find the Super-Torodyne a peer among receivers.

CLASSIFIED ADVERTISEMENTS

Classified advertisements in Radio Digest produce results. Have you a receiving set to sell? Do you want to buy a Radio? A classified advertisement in this column will sell your set.

Rates are twenty cents a word for each insertions, ten per cent for six insertions, fifteen per cent for twelve insertions, twenty per cent for twenty-four insertions. Name and address to be included at above rate. Cash should accompany order. Minimum of ten words.

Objectionable and misleading advertisements not accepted. Forms close three weeks prior to date of publication, which is first and fifteenth of each month.

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Photos of Your Favorite Radio Stars. Ten cents and coupon appearing on another page of this issue will entitle you to one of the photos from Radio Digest gallery of stars. Radio Digest, 510 North Dearborn Street, Chicago.

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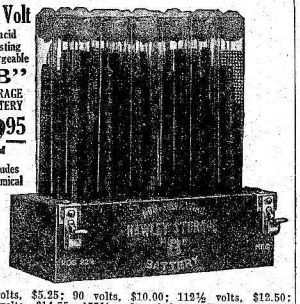

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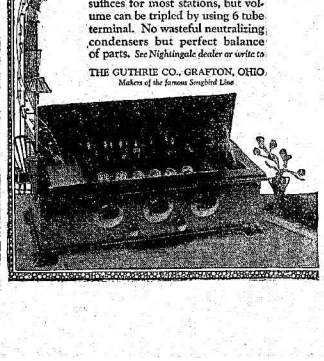
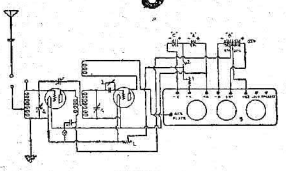


Improve the Browning Drake



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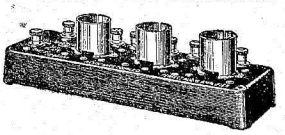

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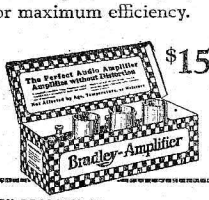

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United States

AT9, Fort Bragg, N. C. 434.5m-690kc. 750 watts. U. S. Government. Announcer, Lieut. James Y. LeGette. Slogan, "The Pioneer Broadcasting Station of the Army." Tues, Thurs, Sat, 8-9:55 pm, dance music, talks, bands, fights. Sun, 8-9:55 pm, service. Eastern.

KDKA, E. Pittsburgh, Pa. 309.1m-970kc. 1,000 watts. Westinghouse Elec. & Mfg. Co. Announcer George S. Ryan. Slogan, "The Pioneer Broadcasting Station of the World." Daily ex Sun, 9:45-10 am, 11:55, time, 12, market reports, weather; 2:30-5:30, music; 7, 9:55, time, daily except Sun, Sat; 12:15 pm; 7:45 pm, talks. Daily ex Sat, Sun, 8:30 pm; 8:45, concert; 9:55, time. Sat, 8:45 pm, concert; 9:55, time. Tues, Thurs, 10:30 pm. Sun, 9:45 am, 3 pm, 3:45, 6:45. Eastern.

KDLR, Devils Lake, N. Dak. 230.6m-1300kc. 5 watts. Radio Elec. Co.-Wilson Ins. Agency. Daily ex Sun, 12:10 pm, weather; 6:15, markets. Mon. 9:30-11:30 pm. Sun, 11 am, church. 4:30-6. Central.

KDYL, Salt Lake City, Utah. 245.8m-1220kc. 50 watts. Newhouse Hotel. Announcer, Gene Pack. Slogan, "Out on the Great Divide." Daily ex Sun, 3-4 pm, 6:30-8, news, music, entertainment. Sun, 11-1 am. Mountain.

KFAB, Lincoln, Nebr. 340.7m-880kc. 1,000 watts. Nebraska Buick Auto Co. Announcer, Gayle Grubb. Daily ex Sun, 9:30-9:55 am, weather reports; 3-4 pm. Mon, Tues, Wed, Fri, 10:30-11 am, home economics. 1:15-1:30 pm, talks; 3:30-4 pm, 5:30-6:30, 8:05-8:30, college of agriculture; 8:30-10:30. Tues, Sat, 3-4 pm. Sat, 9:30-9:55 am; 5:30-6:30 pm, 8:30-10, 12-2 am. Sun, 4-5 pm; 9-11. Central.

KFAD, Phoenix, Ariz. 272.6m-1100kc. 100 watts. Electrical Equip. Co.-McArthur Brothers Mercantile Co. Announcer, Arthur C. Anderson. Slogan, "The Voice of Phoenix." Daily ex Sun, Mon, 6-7 pm, 8-9. Daily ex Sun, Wed, 6-7 pm; 9-11, concert, news, stocks. Mountain.

KFAF, San Jose, Calif. 217.3m-1380kc. 50 watts. Alfred Fowler.

KFAU, Boise, Idaho. 280.2m-1070kc. 750 watts. Boise H. S. Announcer, Hoyt Cooper. Slogan, "Idaho Station." Daily ex Sat, Sun, 12:30-1 pm, markets, weather, news. Mon, 7:30-9 pm, concert. Thurs, 8-10 pm, concert. Sat, 7:30-8:30 pm. Sun, 7:30-8:30 pm, church service. Mountain.

KFBB, Havre, Mont. 275.1m-1090kc. 50 watts. F. A. Buttrey Co. Announcer, C. O. Boettger. Daily ex Sun, 12:45 pm, music, markets, weather, reports. Mountain.

KFBC, San Diego, Calif. 215.7m-1390kc. 50 watts. W. K. Azbill. Sun, 9-10 am, Bible lesson, sermon. Pacific.

KFBK, Sacramento, Calif. 247.8m-1210kc. 100 watts. Sacramento Bee. Mon, Thurs, Sat, 7:30-10 pm. Mon, 6 pm. Pacific.

KFBL, Everett, Wash. 223.7m-1340kc. 100 watts. Lesse Bros. Daily, 7:30-8:30 pm. Pacific.

KFBS, Trinidad, Colo. 238m-1260kc. 15 watts. School District No. One.

KFBU, Laramie, Wyo. 270.1m-1110kc. 500 watts. Bishop N. S. Thomas.

KFCB, Phoenix, Ariz. 238m-1260kc. 125 watts. Nielsen Radio Supply Co. Announcer, E. A. Nielsen. Slogan, "When It's Wintertime in Michigan, It's Summer Time Down Here." Daily ex Sun, 8-8:15 am. Mon, Wed, 8-9 pm. Sat, 7-8 pm; 12-2 am. Mountain.

KFDD, Boise, Idaho. 278.6m-1080kc. 50 watts. St. Michael's Episcopal Cathedral. Announcer, Rupert Kent. Sun, 11:15-12:30 pm, 7:30-9:15. Mountain.

KFDM, Beaumont, Tex. 315.6m-950kc. 500 watts. Magnolia Petroleum Co. Announcer, Magnolene Mike. Slogan, "Kall for Dependable Magnolene." Tues, Fri, 12:30-12:55 pm, band concert; 7-7:30, children's hour; 8-10, concerts. Sun, 11-12 m, 8-9 pm. Central.

KFDX, Shreveport, La. 249.9m-1200kc. 100 watts. First Baptist church. Announcer, Hugh Claycomb. Sun, 10:50 am; 7:45 pm. Wed, 9-10 pm. Central.

KFDY, Brookings, S. D. 272.6m-1100kc. State College of Agriculture and Mechanical Arts.

KFDZ, Minneapolis, Minn. 230.6m-1300kc. 10 watts. Harry O. Iverson.

KFEC, Portland, Ore. 247.8m-1210kc. 50 watts. Meier & Frank Co., Inc. Daily ex Sun, 12 m, weather, reports; 4-5 pm, music; 6:30 pm, weather, crop, markets, reports. Sat, 11 am-12 m, children's hour. Pacific.

KFEL, Denver, Colo. 254.1m-1180kc. 50 watts. W. L. Winner, Inc. Announcer, Eugene P. O. Fallon. Daily ex Sun, 11 am, 2 pm, 4, 5. Tues, 9-10 pm; Thurs, 8-12 midnight. Mountain.

KFEQ, Oak, Nebr. 267.7m-1120kc. 500 watts. J. L. Scroggin. Announcer, G. G. Scroggin. Daily ex Sun, 2-3 pm, orchestra; 8:30-10. Sun, 4:30-6 pm. Central.

KFEY, Kellogg, Idaho. 232.4m-1290kc. 10 watts. Bunker Hill & Sullivan Mining & Con. Co. Announcer, Walter C. Clark. Slogan, "Voice of the Coeur D'Alenes." Mon, Wed, 6-7 pm. Sat, 9-11 pm. Sun, 6-7 pm. Pacific.

KFFP, Moberly, Mo. 241.8m-1240kc. 50 watts. First Baptist Church. Announcer, Granville Ray Boots. Slogan, "The Gospel Messenger of the Air."

KFGQ, Boone, Ia. 225.4m-1330kc. 10 watts. Crary Hardware Co. Announcer, Harold E. Wilcox. Slogan, "Daniel Boone Station." Tues, 10-11 pm. Fri, 8:30-9:30 pm. Central.

KFH, Wichita, Kan. 267.7m-1120kc. 500 watts. Hotel Lassen. Daily ex Sun, 9-11 am; 1-2 pm; 7-8. Sun, 9:45 am, church; 7:15 pm; 9:15. 10-11 pm. Central.

KFHA, Gunnison, Colo. 252m-1190kc. 50 watts. Western State College of Colorado. Announcer, E. Russel Wightman. "Where the Sun Shines Every Day." Tues, Fri, 6:30 pm, bedtime story; 8 pm, musicale; 10:30, orchestra. Mountain.

KFHL, Oskaloosa, Iowa. 239.9m-1250kc. 10 watts. Penn College.

KFI, Los Angeles, Calif. 467m-642kc. 4000 watts. Earle C. Anthony, Inc. Announcer, Robert Hurd. Slogan, "A National Institution." Daily ex Sat, Sun, 5:30-11 pm. Mon, 10:45-11:20 am. Wed, Fri, 10:45 am. Sun 10-11 am, 4-5 pm, 6:30-11, 11-12:30 pm, first and third Sunday of month. Pacific.

KFIF, Portland, Ore. 247.8m-1210kc. 100 watts. Benson Tech. School.

KFIO, Spokane, Wash. 265.3m-1130kc. 100 watts. North Central High School.

KFIQ, Yakima, Wash. 256.3m-1170kc. 100 watts. First Methodist Church. Announcer, Dr. I. M. Miller. Wed, 7:30 pm, organ. Sat, 7 pm. Sun, 11 am, 7:30 pm. Pacific.

KFIU, Juneau, Alaska. 225.4m-1330kc. 10 watts. Alaska Elec. Light & Power Co. Announcer, O. E. Shoembell. Closed for the summer.

KFIZ, Fond du Lac, Wis. 272.6m-1100kc. 100 watts. Daily Commonwealth. Announcer, Albert Mayer. Daily ex Sun, 5 pm, music, news, markets, weather. Sun, 6-7 pm. Central.

KFJB, Marshalltown, Iowa. 247.8m-1210kc. 10 watts. Marshall Elec. Co. Announcer, E. N. Peak. Slogan, "Marshalltown, the Heart of Iowa." Daily ex Sun, 10 am, markets. Tues, Fri, 8:30 pm. Central.

KFJC, Junction City, Kan. 218.8m-1370kc. 10 watts. R. B. Fegan.

KFJF, Oklahoma City, Okla. 260.7m-1150kc. 500 watts. National Radio Mfg. Co. Announcer, Tired Hand. Slogan, "Radio Headquarters." Daily ex Sun, 9:40 am, 12:15 pm, markets; 2:15, markets; 3, 4, 6, baseball; 6:30, weather news, 6:30-7:30. Mon, Thurs, Fri, Sat, 8:15-10:45 pm. Wed, 11-12 midnight. Sat, 11-11:30, American Legion. Sun, 2:30-4 pm; 10-11:45. Central.

KFJI, Astoria, Ore. 245.8m-1220kc. 10 watts. E. E. Marsh and Liberty theater. Announcer, E. E. Marsh. Wed, 9-10 pm, organ. Sun, 12:30-1:30 pm. Sun, 10:30-11 pm. Pacific.

KFJM, Grand Forks, N. D. 277.6m-1080kc. 100 watts. University of North Dakota. Slogan, "Grand Forks, the Educational Center of the State." Daily ex Thurs, 6-7 pm. Thurs, 8:45-10 pm. Sun, 2 pm. Central.

KFJR, Portland, Ore. 263m-1140kc. 50 watts. Ashley C. Dixon & Son. Mon, 7:30-8:45 pm. Tues, 7:15-8:15 pm; 9:15-10:45. Wed, 7:30-8:30 pm. Thurs, 7:30-8:30 pm; 9-10:30. Sat, 1:30-3 pm. Pacific.

KFJY, Fort Dodge, Iowa. 245.8m-1220kc. 50 watts. Tunwall Radio Co. Announcer, Carl Tunwall. Daily, 5:30 pm, markets, news, weather, bulletins. Sun, 11 am, church; 8:15 pm, orchestra. Central.

KFJZ, Fort Worth, Texas. 254.1m-1180kc. 50 watts. Southwestern Baptist Theological Seminary.

KFKA, Greeley, Colo. 272.6m-1100kc. 50 watts. Colorado State Teachers' College. Announcer, John Henry Shaw. Mountain.

KFKU, Lawrence, Kan. 275.1m-1040kc. 500 watts. University of Kansas. Announcer, John F. Patt. Slogan, "Up at Lawrence on the Kaw." Mon, Thurs, 6:55-8 pm. Central.

KFKX, Hastings, Nebr. 288.3m-1040kc. 5,000 watts. Westinghouse Elec. & Mfg. Co. Slogans, "The Empress of the Air." "The Pioneer Re-Broadcasting Station of the World." Daily ex Sun, 5:15-6:15 pm, KDKA programs. Daily ex Sat, Sun, 9:30 am, 10:30, 12:30 pm, markets. Mon, Wed, Fri, 9-11 pm, music. Sat, 9:30 am, 10:30, 12:30 am. Central.

KFKZ, Kirksville, Mo. 225.4m-1330kc. 10 watts. F. M. Henry. Mon, 8-9 pm, dance music. 1st and 3rd Mon, Radio plays. Sun, 3:30-4:30 pm, classical music. Central.

KFLR, Albuquerque, N. M. 254.1m-1180kc. 100 watts. U. & N. M. Announcer, Phillip S. Donnell. Slogan, "The Sunshine Center of America."

KFLU, San Benito, Texas. 236.1m-1270kc. 10 watts. Benito Radio club. Announcer, R. W. Thacker. Slogan, "Heart of the Magic Valley." Mon, Thurs, Sat, 8:30-10 pm, concert. Sat, 8:30 pm, Sunday school lesson. Central.

KFLV, Rockford, Ill. 228.9m-1310kc. 200 watts. Swedish Evangelical Mission Church. Announcer, A. T. Frykman. Fri, 8:30 pm. Sun, 12:30 pm, service for shut-ins (Swedish); 9:30, service (English). Central.

KFLX, Galveston, Texas. 239.9m-1250kc. 10 watts. George R. Clough.

KFLZ, Anita, Iowa. 272.6m-1100kc. 100 watts. Atlantic Automobile Co. Operated by Walnut Grove Hog Remedy Co. Announcer, H. A. Marshall. Daily ex Sun, 11:50-12:30 pm, question box, markets. Wed, 8:30-10 pm. Central.

KFMR, Sioux City, Iowa. 260.7m-1150kc. 100 watts. Morningside College. Announcer, Jesse C. Ducommun. Wed, 9:15 pm. Central.

KFMW, Houghton, Mich. 263m-1140kc. 50 watts. M. G. Sateren (announcer). Sun, 3-4:30 pm.

KFMX, Northfield, Minn. 336.9m-890kc. 500 watts. Carleton College. Announcer, Merrill O. Bolen. Daily 10:25-10:30 am, time. Tues, 9:30-10 pm, lecture. Wed, 9-10 pm, concert. Fri, 10-11 pm, organ. Sun, 7-8 pm. Central.

KFNF, Shenandoah, Iowa. 263m-1140kc. 1000 watts. Henry Field Seed Co. Announcer, Henry Field. Slogan, "Friendly Station in a Friendly Town." Daily ex Sun, 12:15-2 pm; 2:45-4, rocking chair time; 7-9 pm. Sun, 10:45 am, 2:30 pm, 3-4, services; 6:30-7:30, Golden Rule; 7:30-8:30, church service. Central.

KFOA, Seattle, Wash. 454.3m-660kc. 1,000 watts. Rhodes Dept. Store. Slogan, "The Gateway to the Orient." Daily ex Sat, Sun, 12:30-1:30 pm. Daily ex Sun, 10-10:30 am, homemakers hour, 3-4 pm, women's clubs; 5:15, Times Bulletins, concert. Daily ex Sun, Thurs, 8:30-10 pm. Times program. Mon, Wed, Fri, 6:45-8:15 pm, studio music. Tues, Fri, Sat, 10-11:30 pm, orchestra. Central.

KFOB, Burlingame, Calif. 225.4m-1330kc. 50 watts. Burlingame KFOB Inc. Tues, 8-11 pm. Thurs, 8-12. Sat, 8-12. Pacific.

KFON, Long Beach, Calif. 232.4m-1290kc. 500 watts. Nichols & Warriner, Inc. Slogan, "Where Your Ship Comes In." Daily ex Sun, Mon, 2:30-5 pm; 6-11. Mon, 6-11. Sun, 2:30-4 pm; 8-10. Pacific.

KFOO, Salt Lake City, Utah. 236.1m-1270kc. 250 watts. Latter Day Saints University. Announcer, Don C. McRae.

KFOR, David City, Nebr. 225.4m-1330kc. 100 watts. David City Tire & Elec. Co. Announcer, Frank W. Trotter. Slogan, "The Voice of David City." Mon, 7-9 pm. Thurs, 7-9 pm. Sun, 3:30-4:30 pm. Central.

KFOT, Wichita, Kan. 230.6m-1300kc. 50 watts. College Hill Radio Club. Announcer, Arnold R. McClintock. Slogan, "Radiocasting Church." Fri, Sat, 12-1:30 am. Sun, 11-12:30 pm; 7:30-9, church services. Central.

KFOX, Omaha, Nebr. 247.8m-1210kc. 100 watts. Board of Education. Technical High.

KFOY, St. Paul, Minn. 252m-1190kc. 50 watts. Beacon Radio Service. Daily ex Sun, 10:05 pm. Central.

KFPL, Dublin, Texas. 252m-1190kc. 15 watts. C. C. Baxter, announcer.

KFPM, Greenville, Texas 241.8m-1240kc. 10 watts. The New Furniture Co. Announcer, Dave Ablowich, Jr. Slogan, "The New Furniture Co., the Home of Good Furniture," Located at Greenville, Texas. Where You Find "The Blackest Land, the Whitest People." Daily ex Sun, 1 pm, music. Tues, Wed, Fri, 8 pm. Sun, 11 am, services; 7:30 pm, irregularly. Central.

KFPR, Los Angeles, Calif. 230.6m-1300kc. 500 watts. Los Angeles Co. Forestry Dept. Irregular schedule.

KFPW, Carterville, Mo. 258.5m-1160kc. 20 watts. St. John M. S. church, S. Slogan, "Keeping Pace with Christ Means Progress." Tues, Fri, 8-10 pm, popular program. Sun, 1-3 pm, chapel service. Central.

KFPY, Spokane, Wash. 265.3m-1130kc. 100 watts. Symons Investment Co. Announcer, E. B. Craney. Daily ex Sun, Tues, 7-7:45 pm. Mon, 9:30-10:30 pm. Wed, 9-12. Thurs, 10-11 pm. Sat, 11-12 midnight. Sun, 9:45-10:30 am; 9-10 pm. Pacific.

KFQA, St. Louis, Mo. 280.2m-1070kc. 1,500 watts. The Principia. Thurs, 8 pm. Sun, 8 pm, church service. Central.

KFQB, Fort Worth, Tex. 503.2m-590kc. 1,000 watts. The Searchlight Pub. Co. Announcer, John R. Denning. Daily ex Sun, Wed, 8:30-9:30 pm. Sun, 8:30 am, 10, 3 pm, 4, 6, 7, 7:30. Central.

KFQD, Anchorage, Alaska. 227.1m-1320kc. 100 watts. Chovin Supply Co.

KFQP, Iowa City, Iowa. 223.7m-1340kc. 10 watts. George S. Carson, Jr. Wed, 8-9 pm. Central.

KFQU, Alma, Calif. 217.3m-1380kc. 100 watts. W. Riker. Announcer, Arthur J. Landstrom. Daily ex Mon, 9-10 pm. Sun, 11-12 m., 9-10 pm. Pacific.

KFQW, North Bend, Wash. 215.7m-1390kc. 50 watts. The Photo Radio and Elec. Shop. Announcer, Carl F. Knierim. Slogan, "At the Western Entrance of Snoqualmie Pass." Thurs, 8-9 pm. Sun, 8:45-10 pm. Pacific.

KFQZ, Hollywood, Calif. 225.4m-1330kc. 50 watts. Taft Radio Company. Announcer, Clyde Hager. Daily, 8-11 pm. Pacific.

KFRB, Beeville, Texas. 247.8m-1210kc. 250 watts. Hall Brothers. Temporarily off the air.

KFRC, San Francisco, Calif. 267.7m-1120kc. 50 watts. City of Paris Dry Goods Co. Mon, 10-11 am; 5-10 pm. Tues, 12-12:20 pm; 5:30 11. Wed, 10-11 am; 5:30-12. Thurs, 4-10 pm. Fri, 12-12:30 pm; 4-11. Sun, 6:30-12 midnight. Pacific.

KFRU, Columbia, Mo. 499.7m-600kc. 500 watts. Stephens college. Daily ex Sun, 4:30 pm. Mon, Tues, Thurs, Fri, 6:15 pm. Fri, 12-2 am. Wed, 6:30 pm, news; 9-11. Sun, 7:30 pm; 9:20. Central.

KFRW, Olympia, Wash. 218.8m-1370kc. 50 watts. "The Loy Memorial." United Churches of Olympia. Slogan, "Make the World a Brotherhood." Thurs, 9-10 pm. Sun, 11-12:15 pm. 7:30-9. Pacific.

KFSG, Los Angeles, Calif. 275.1m-1090kc. 500 watts. Angeles Temple. Tues, Thurs, Fri, Sat, 3:30-4:30 pm. Tues, 6:30-7:30 pm. Wed, 2:30-4:30 pm; 6:30-7:30. Thurs, Fri, Sat, 7:30-11 pm. Sun, 10:30-12:30 pm, 2:30-4:30, 7-9:30. Mon, silent. Pacific.

KFUL, Galveston, Texas. 258.5m-1160kc. 50 watts. Thomas Groggan & Bros.

KFUM, Colorado Springs, Colo. 239.9m-1250kc. 100 watts. W. D. Corley.

KFUO, St. Louis, Mo. 545.1m-550kc. 500 watts. Concordia Theological Seminary (Lutheran). Announcer, Herm. H. Hohenstein. Daily ex Sun, Sat, 3 pm. Mon, 8 pm. Tues, 6:30 pm. Wed, 9:15 pm. Fri, 9:30 pm. Sat, 7:45 pm. Sun, 4 pm, 9:15. Central.

KFUP, Denver, Colo. 234.2m-1280kc. 50 watts. Fitzsimons General Hospital, Educational and Recreational Dept.

KFUR, Ogden, Utah. 223.7m-1340kc. 100 watts. Peery Building Co. Tues, Thurs, Sat, 9:50-11:50 pm, dance music. Mountain.

KFUS, Oakland, Calif. 256.3m-1170kc. 50 watts. The Gospel Radio. Slogan, "The City of Opportunity."

KFUT, Salt Lake City, Utah. 260.7m-1150kc. 100 watts. University of Utah. Tues, Thurs, 12-1 pm. Mountain.

KFUU, Oakland, Calif. 220.4m-1360kc. 50 watts. Mathewson Motor Co. Announcer, H. C. Colburn. Slogan, "The Voice of Automobile Row." Daily ex Sun, 10:45-11:45 am; 6:30-7:15 pm. Tues, Thurs, 8-10 pm. Sat, 6:30-2 am. Sun, 8-9:30 pm. Pacific.

KFVD, San Pedro, Calif. 205.4m-1460kc. 50 watts. McWhinnie Elec. Co.

KFVE, University City, Mo. 239.9m-1250kc. 500 watts. Film Corp. of America. Daily ex Thurs, Sun, 9:15 pm. Central.

KFVG, Independence, Kan. 236.1m-1270kc. 15 watts. First Methodist Episcopal church. Sun, services.

KFVI, Houston, Texas. 239.9m-1250kc. 10 watts. Headquarters Troop 56th Cavalry Brigade.

KFVN, Fairmont, Minn. 227m-1320kc. 50 watts. Carl E. Bagley. Slogan, "The Voice of Martin County." Mon, Wed, Fri, 9 pm. Sun, 3 pm. Central.

KFVS, Cape Girardeau, Mo. 223.7m-1340kc. 50 watts. Hirsch Battery & Radio Co. Announcer, W. W. Watkins. Slogan, "The City of Opportunity." Thurs, 7 pm. Sun, 11 am, church. Central.

KFSD, San Diego, Calif. 245.8m-1220kc. 500 watts. Airfan Radio Corp.

KFVY, Albuquerque, N. M. 249.9m-1200kc. 10 watts. Radio Supply Co. Announcer, J. F. Walsh. Slogan, "Center of the Sunshine State." Daily ex Sun, 5:30-6:30 pm, dinner concert; baseball. Tues, Fri, 8-9:30 pm, dance music. Mountain.

KFWA, Ogden, Utah. 260.7m-1150kc. 500 watts. Browing Brothers Co. Announcer, James P. Taylor. Slogan, "Keeping Freinds with All." Daily ex Sun, 4-5 pm; 5-6. Mon, Fri, 9-10 pm; 10-11. Wed, Sat, 9-11 pm. Mountain.

KFWB, Hollywood, Calif. 252m-1190kc. 500 watts. Warner Brothers.

KFWC, San Bernardino, Calif. 211.1m-1420kc. 50 watts. L. E. Wall.

KFWF, St. Louis, Mo. 214.2m-1400kc. 250 watts. St. Louis Truth Center. Slogan, "The Voice of Truth." Announcer, Rev. Charles H. Hartmann. Tues, 7 pm. Thurs, 10:45 am; 12n; 7:45 pm. Sun, 10:45 am; 7:45 pm. Central.

KFWH, Chico, Calif. 254.1m-1180kc. 100 watts. F. Wellington Morse, Jr. Slogan, "Kind Friends We're Here." Daily ex Sun, 10:30-11:30 am, 6:15-6:30 pm, news, music. Mon, Wed, Fri, 8-10 pm, 12-1:30 am; Sun, 9:30 am. Pacific.

KFWI, South San Francisco, Calif. 225.4m-1330kc. 500 watts. Radio Entertainments, Inc. Mon, Wed, Thurs, Fri, 1-2 pm. Mon, Wed, Fri, 8-9 pm. Mon, 9-12 pm. Wed, Fri, 9-1 am. Thurs, 10-12 midnight. Sat, 1:30-3 am. Sun, 10 am, 1-2 pm, 8-12 midnight. Pacific.

KFWM, Oakland, Calif. 206.8m-1450kc. 500 watts. Oakland Educational Society.

KFWO, Avalon, Calif. 211.1m-1420kc. 250 watts. Major Lawrence Mott-Signal Corp. Slogan, "Katalina for Wonderful Outings." Daily, 12:30-1:30pm, 7:30-9. Tues, Fri, Sun, 5-6 pm. Pacific.

KFWU, Pineville, La. 238m-1260kc. 100 watts. Louisiana, La.

KFWV, Portland, Ore. 212.6m-1410kc. 50 watts. Wilbur Jerman. Daily ex Sun, 10-11 am; 3-4 pm; 4-12. Sun, 11-2 pm; 4-5; 6-7. Pacific.

KFXB, Big Bear Lake, Calif. 202.6m-1480kc. 500 watts. Bertram O. Heller. Slogan, "Rim of World Station." Daily ex Sun, 5 pm. 8, news, weather, road reports. Pacific.

KSMR, Santa Maria, Calif. 209.7m-1430kc. 100 watts. Santa Maria Valley Railroad Company. Mon, Wed, Fri, 6:30 am. Tues, Thurs, Sat, 6:30 am, 8, 8:30, 8:45. Tues, Thurs, 7 pm, 7:30. Pacific.

KFXD, Logan, Utah. 205.4m-1460kc. 10 watts. Service Radio Co.

KFXF, Colorado Springs, Colo. 249.9m-1200kc. 500 watts. Pikes Peak Broadcasting Company. Announcer, W. D. Pyle. Slogan, "The Pikes Peak Station." Daily ex Sun, Wed, 4:30 pm. Mon, Tues, 8:30-10:30 pm. Thurs, Fri, Sat, 9-11 pm. Mountain.

KFXH, El Paso, Texas. 241.8m-1240kc. 50 watts. Bledsoe Radio Company. Announcer, Chuck Swann. Slogan, "The Voice of the Rio Grande." Mon, Wed, Fri, 8-10 pm. Mountain.

KFXJ, Colorado. 215.7m-1390kc. 10 watts. Mountain States Radio Distributors, Inc. (Portable.)

KFXR, Oklahoma City, Okla. 214.2m-1400kc. 15 watts. Classen Film Finishing Company.

KFXY, Flagstaff, Ariz. 205.4m-1460kc. 50 watts. Mary M. Costigan.

KFYF, Oxnard, Calif. 205.4m-1460kc. 10 watts. Carl's Radio Den. Announcer, Carl Newcomb. Slogan, "The Radio Voice from the Radio Den." Daily ex Sun, 5-6 pm, weather, crops, news, music. Pacific.

KFYJ, Houston, Texas. 238m-1260kc. 10 watts. Houston Chronicle Pub. Co.

KFYO, Texarkana, Tex. 209.7m-1440kc. Buchanan-Vaughan Co. Central.

KFYR, Bismarck, N. D. 247.8m-1210kc. 10 watts. Hoskins-Meyer, Inc.

KGO, Oakland, Calif. 361.2m-830kc. 1,000 watts. Gen. Elec. Co. Announcer, Howard I. Milholland. Daily ex Sun, 7:15-7:45, 8:15 am, exercises; 8:30, daily strength; 11:30 am, luncheon concert. Daily ex Sat, Sun, 1:30 pm; Sat, 12:30 pm, markets, weather. Mon, Wed, Fri, 3 pm, music. Daily ex Sun, Mon, 4-5:30 pm, concert orchestra. Mon, Tues, Wed, Fri, 6-7 pm, music. Mon, Tues, Thurs, Sat, 8-10 pm, lectures, music. Tues, Thurs, Sat, 8-12. Mon, 5:30-6 pm, Childen's half hour. Mon, Tues, Wed, Thurs, Fri, 6:55 pm, stocks, markets, weather, news. Thurs, 5:30-6:30 pm, boys' hour. Fri, 5-5:30 pm, girl's half hour. Sun, 11-12 m, 8 pm, church services; 3:30-5 pm, Little Symphony orchestra. Pacific.

KGTT, San Francisco, Calif. 206.8m-1450kc. 50 watts. Glad Tidings Temple. Wed, Thurs, 2:30-3:30 pm. Tues, Wed, Fri, 8-10 pm. Sun, 2:30-3 pm; 3-5, 8-10. Pacific.

KGU, Honolulu, Hawaii. 270.1m-1110kc. 500 watts. Marion A. Mulrony, The Honolulu Advertiser. Announcer, Raymond A. Tilford. Daily, 7:30-9 pm. Tues, Thurs, Sat, special program. Sun, 11 am; 7:30 pm. 150 meridian. 2½ hours earlier than Pacific.

KGW, Portland, Ore. 491.5m-610kc. 1000 watts. Portland Morning Oregonian. Announcer, Dick Haller. Slogan, "KGW, Keep Growing Wiser." Mon, Wed, Fri, 9:45-11:30 am. Tues, Thurs, Sat, 10-11:30 am. Mon, Wed, Fri, 7:15-7:30 am, exercises. Daily ex Sun, 12:30-1:30 pm. Daily ex Sat, Sun, 7:30-7:45 pm; 8-12. Fri, 10:30-12, Hoot Owls. Sat, 10-12 mid. Sun, 10:30-12 noon, 7:30-10 pm. Pacific.

KGY, Lacey, Wash. 245.8m-1220kc. 50 watts. St. Martins College. Announcer, Sebastian Ruth. Slogan, "Out Where the Cedars Meet the Sea." Sun, Tues, Thurs, 8:30-9:30 pm. Pacific.

KHJ, Los Angeles, Calif. 405.2m-740kc. 500 watts. Los Angeles Times. Announcer, John S. Daggett. Slogan, "Kindness, Happiness, Joy." Daily ex Sun, Mon, 7 am, 7:30, 12 m, 1:30 pm, 2:30, 3:30, 5:30, 11. Mon, 7-7:30 am, 12-1:30 pm. Sun, 10-12:30 pm, 6-7:30, 8-11. Pacific.

KHQ, Spokane, Wash. 394.5m-760kc. 1000 watts. Louis Wasmer, Inc. Announcer, C. P. Underwood. Slogan, "In the Friendly City." Daily ex Sun, 12:30 pm, weather, stocks. Mon, Tues, 2-3 pm, 7-9. Tues, 9-10. Thurs, Fri, 2-3 pm; 8-10. Sat, 2-3 pm; 9-10. Sun, 11 am; 7-8:30 pm. Every other Mon, 11-12 mid. Pacific.

KIAF, Sihtepoc, Minn. 422.3m-710kc. 500 watts. Steele Co. Slogan, "Far from the Maddening Crowd." Mon, Wed, Fri, 7-8 pm. Sun, 2-3 pm. Central.

KJBS, San Francisco, Calif. 220.4m-1360kc. 5 watts. Julius Brunton & Sons Co. Announcer, Edward Ludes. Daily ex Sun, 9-10:40 am; 2-2:30 pm. Mon, Wed, 8-10 pm. Fri, 8-11:30 pm. "Royal Order of Smoked Herring." Pacific.

KJR, Seattle, Wash. 384.4m-780kc. 1,000 watts. Northwest Radio Service Co. Announcer, H. C. Gordon. Slogan, "Radio Headquarters." Daily ex Sun, 11:30-12 n, 12 n, time; 5:40-6, 5, time; 6-6:30; 6:50-7; 8:30-10, 10. Daily ex Sun, Sat, 7-8:30. Sun, 11-12:30 pm; 7:15-7:30; 7:30-9; 8-10:30. Pacific.

KLDS, Independence, Mo. 440.9m-680kc. 1,000 watts. Reorganized Church of Jesus Christ of Latter Day Saints. Announcer, Arthur B. Church. Daily ex Sat, Sun, 12:15 pm; 2:30. Tues, Fri, 6:30 am. Tues, 6:30 am, 8 pm, 11:59. Thurs, 8 pm. Fri, 6:30 am. Sat, 8 pm. Sun, 11 am, 3 pm, 6:30, 9:15. Central.

KLS, Oakland, Calif. 249.9m-1200kc. 250 watts. Warner Bros. Radio Supplies. Announcer, S. Warner, Slogan, "The City of Golden Opportunity." Sun, 10-11 am. Pacific.

KLX, Oakland, Calif. 508.2m-590kc. 500 watts. Oakland Tribune. Announcer, Charles H. Gabriel, Jr. Slogan, "Where Rail and Water Meet." Mon, 6:30-7:30 pm; 8-10:30. Tues, Thurs, Sat, 3-5 pm; 7-7:30, Wed, Fri, 3-5 pm; 6:30-7:30; 8-10:30. Pacific.

KLZ, Denver, Colo. 265.3m-1130kc. 250 watts. Reynolds Radio Co. Announcer, Mrs. William D. Reynolds. Slogan, "Its a Privilege to Live in Colorado." Wed, Sat, Sun, 9 pm. Mountain.

KMA, Shenandoah, Iowa. 252m-1190kc. 500 watts. May Seed & Nursery Co. Daily ex Sun, 11:30-12:30 pm, 6-7, 9-11. Sun, 4-6 pm. Central.

KMJ, Fresno, Calif. 234.2m-1280kc. 50 watts. Fresno Bee. Mon, Wed, Fri, 7:15-9:15 pm. Pacific.

KMMJ, Clay Center, Nebr. 228.9m-1310kc. 1,000 watts. M. M. Johnson Co. Daily ex Sun, Wed, 1:30 pm; 7:30. Central.

KMO, Tacoma, Wash. 249.9m-1200kc. 100 watts. Association Station. (Love Electric Co.) Mon, Wed, Fri, 6-7 pm, popular program; 9-10, artist's program. Pacific.

KMOX, St. Louis, Mo. 280.2m-1070kc. The Voice of St. Louis. Announcer, George Junkin. Daily ex Sun, Thurs, 9:40 am, markets; 12:30 pm, organ; 3, 4, 6-11:30, music. Thurs, 9:40 am, 12:30 pm, 3, 4. Sun, 9 pm. Central.

(Note—The second part of the station data list will appear next issue.)

CHALLENGE!

ONE DOLLAR will be paid to the Radio fan submitting the most errors in any one station's listing in this directory. Letters must reach Radio Digest office not later than one week from date of issue corrected. Readers are not limited to correcting one station, but such corrections must be certified by the stations themselves, and NOT by comparison to other so-called accurate broadcasting directors and lists. Readers also must live in same state or province as stations corrected are located. Station verifications must accompany corrections.

That's just how sure Radio Digest is that this broadcasting station directory is correct! To make the challenge fair for everyone, broadcasting stations and their employes are barred from this offer. Why? Because the broadcasters are the source of all the data given herein. They are (or should be) interested enough to answer the inquiry sent them every time data on their station appears. This inquiry contains a proof of their last listing and must either be corrected or O K'd as correct and returned to the Digest. Nevertheless, sometimes the stations are careless and mistakes are made. But Radio Digest is so sure of the exactness of this directory that this challenge is made unconditionally.

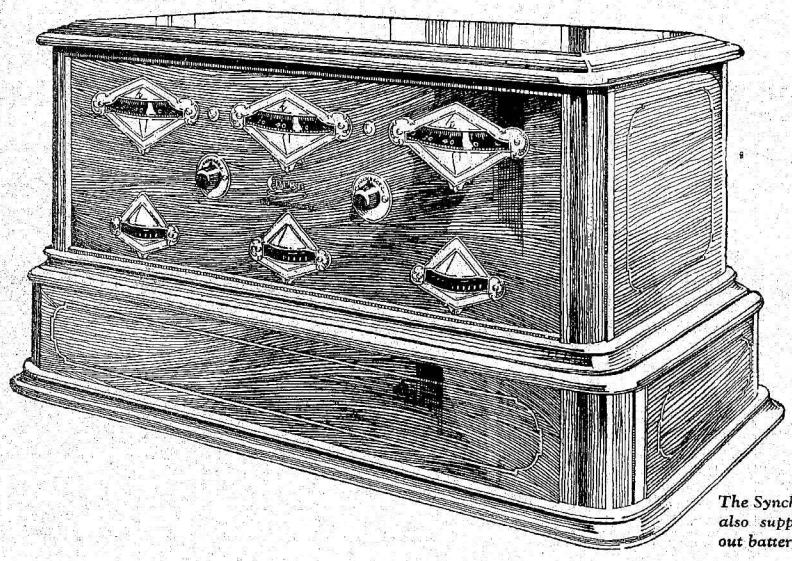
With reference to the directory: It appears in six parts, serially continuously; the first four parts are station data listings, arranged alphabetically; the fifth part is a state, city index of stations; the sixth part is a wave length index. The information contained in each station data listing is given in the following order: Call letters, city, state, wave length used, watts antenna input, owner's name, announcer's name, slogan used if any, name of listener in "club," schedule of operating hours, and kind of time used, as "Central," "Mountain," etc.

Six successive issues of Radio Digest will give one the most complete and accurate list of broadcasting stations obtainable. This service is original with this publication, and has been maintained from the start. Right of reproduction without permission of any or all of the data contained herein is denied.

"Where there is much merit there is great reward."

The merit of the Synchrophase has long been proven.

Doctor Thy



The Synchrophase is also supplied without battery base.

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OUT of the thousands of Grebe Synchrophase receivers sold during the past fall and winter, exactly seventy-three were returned to us for replacement or adjustment.

Isn't that about as near to 100 per cent perfection as human frailty can come?

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Ask your dealer to demonstrate the many exclusive Grebe features that, added to its sound construction, bring complete radio satisfaction

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Factory: Richmond Hill, New York
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TRADE MARK REG. U.S. PAT. OFF.

This Company owns and operates stations WAHG *and* WBOQ; *also low-wave rebroadcasting stations, Mobile* WGMU *and Marine* WRMU.

TRADE MARK REG. U.S. PAT. OFF.

All Grebe apparatus is covered by patents granted and pending

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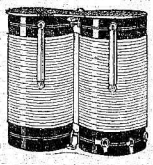
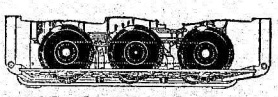
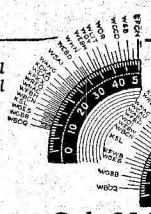
Grebe Binocular Coils Reg. U. S. Pat. Off. *and Low-wave Extension Circuits*



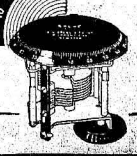


Flexible Unit Control

Usual Dial



Grebe Dial



Grebe S-L-F Condensers