New Sets Described; Trouble Finding

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1927 Models of Leading Radio Manufacturers Described; Directory of Broadcasters; "Goody Goody Girl" by M. M. Taylor; Air Confetti at KYW Carnival; Advance Programs

GOLD CUP'S WINNER REMAINS UNKNOWN

MAIL MAN IS STILL BRINGING BIG BAGS OF VOTES

Pat Barnes of WHT Makes Sensational Gain—Competitors Close Behind —Finish Next Issue

As this issue of Radio Digest goes to press, the fate of the 1926 Gold Cup to be awarded by this publication to the world's most popular Radio announcer, remains still a conjecture.

All ballots mailed on or before midnight of Saturday, September 4, are being received and counted in the final tabulation. As a result it will probably be several weeks after that date, or just about the time this number passes into the reader's hands, before the winner can safely be declared.

Everyone, of course, is anxiously interested in knowing what the final vote is showing. However, every mail changes the aspect, and at this time but few things can be said.

Pat Barnes Makes Great Jump

One of the somewhat expected surprises has been the great number of complete sets of votes sent in for Patrick Henry Barnes, announcer at WHT, Chicago. Many of Mr. Barnes' friends have been working from morning to night to win the contest for him. It would not be ethical to say what his gain so far is, but it is very large, and places him in the lead at this moment.

How many final counters will be marked up for his close competitors, G. C. Arnoux of KTHS, Earl E. May of KMA, Chester Gaylord of WTAG, and Norman Brokenshire of WJZ, is still unknown. Several of the above are very close to Barnes as this goes to press, and the end cannot be predicted.

Finish to Be Told Next Issue

In Canada Lillian Shaw of CKY is still leading.

What will be the outcome? Who will win the gold and silver cups for first and second places in the main competition, and what Canadian announcer will take home the special silver cup offered for Canada's most popular voice?

Read full and complete details of the finish and winners in the next issue of Radio Digest, dated October 1, and on the newsstands September 30.

Kolster Radio Compass Will Be Rene Fonck's Gas Savior

NEW YORK.—Because unfavorable weather delayed testing the Sikorsky bi-plane in which Capt. Rene Fonck was scheduled to attempt to fly from New York to Paris, the date of the hop-off was advanced to September 10, instead of September 1, as was at first planned.

Whenever the weather conditions are favorable after that date (which may have happened before this reaches the reader), the French flying ace will be ready to take to the air.

"I am depending upon the Kolster Radio compass to keep us on our course during the periods of low visibility we are bound to encounter," said Capt. Jack Irwin, who probably will be the Radio operator on the trip. "We have only about 500 miles of leeway on our course because of fuel limitations, so the Radio compasses will be of major importance during the 35 hours we expect to be in the air."

Lady Astor Makes Only One Speech, But Broadcasts It

NEW YORK.—Viscountess Astor, the leading British stateswoman and member of parliament, who is now on a brief visit to America, made only one public speech and its distribution to the public was handled by Stations WJZ, WRC and WGY.

The sole speech of Lady Astor in America was made before the dinner tendered in her honor by the National and the New York State League of Women Voters at the Hotel Waldorf Astoria.

HARRIET LEE, COVER LADY, REGAL QUEEN

IF EVER a queen were to the manner born then such a queen would be Miss Harriet Lee, the regal lady who adorns Radio Digest cover this issue. The WOK studio staff members at the Chicago Beach hotel, Chicago, almost curtsey and bow in her stately presence simply because it just naturally seems her due. However, Miss Lee is a very democratic queen and when she sings her Radio audience feels that she is singing a personal message to each and every listener. Her voice thrills with personality. and sympathy. Look at her again. Wouldn't you kneel and kiss her hand? No you wouldn't, old chap, not if her husband saw you try it. He claims that privilege exclusively for himself.

Sopranos Are All Right, Los Angeles Broadcasting Station Chiefs Declare

Naylor Rogers, of KNX, Champions Cause of Sopranos Who Can Sing and Decries Act of Charlie Garland of WBBM in Barring Ladies

By G. L. King

OTHER cities and other stations may bar sopranos from the microphone if they like, but not Los Angeles. A canvas of managers of Los Angeles and Hollywood stations revealed the fact that good Radio soprano voices are in demand, possibly because they are hard to find.

"We do not agree with Charlie Garland of WBBM and others that a soprano voice should not be allowed over the air," said Naylor Rogers, manager of KNX, one of southern California's most popular stations. "The trouble with sopranos and Radio is partly technical but not wholly. It is true that some broadcast stations transmit soprano voices badly and a great many receivers reproduce the higher notes very poorly."

Looks to Future Demand.

"But it is a fact," he continued, "that Radio receivers are improving rapidly and may soon approach reproduction as perfect as good transmission. We are looking to the future. Therefore, we put every good soprano we can find on our programs. It is true, of course, that we find more poor soprano voices than any other, but then almost every woman tries to sing soprano. If every male thought he was a Caruso, the percentage of good tenors would be about the same."

Mr. Rogers further stated that Los Angeles and Hollywood stations probably had more exceptionally good Radio sopranos at their disposal than any other city or section in the country. Some of them, such as Virginia Flohri of KFI and Elsa Zelinda Foley are known almost wholly for their Radio work, which has been accorded praise from California music critics, while others such as Raquel Nieto, coloratura soprano of the Mexican grand opera, and Margaret Messer-Morris, who is soloist with the Los Angeles Philharmonica and Symphonic orchestras, are known for concert work as well as Radio.

An Ideal Soprano

Raquel Nieto (picture on page 27), the Mexican coloratura, is the technician's delight. Although possessed with a voice of remarkable range on the higher register, the broadcast station operator is never worried about his "gain control" while she is on the air. Something unexplainable, some little crook in her throat or the roof of her mouth, make it possible for her to sing arias before a microphone that cannot be attempted by any other soprano.

"Summing it all up," concluded Mr. Rogers, "so long as the concert and operatic stages find a demand for soprano voices, why shouldn't we broadcast them? If there is trouble in transmitting or receiving the soprano voice then it is up to the technician to improve his apparatus, but so long as a broadcasting station is an entertainment factor we must use everything that anyone else uses—and more, too."

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Looking Ahead

WPG, Making a Name for Itself with Its New Type 5,000-Watt Transmitter, will be described and featured in the next issue of Radio Digest, on the newsstands September 30. Long promised, the story of the "World's Play Ground" broadcaster is worth awaiting.

By the Time You Have Finished the Current Installment of "Goody Goody Girl" in this issue of Radio Digest you will be more than eager to see what happens to Lois when she reaches the Big City. This very modern tale is about the best thing Mr. Merlin Moore Taylor ever wrote. More adventures of Lois in the October 1 issue.

Like the Interview with the Radio Service Manager This Issue? It's on page nine and marks an effort to present the technical side of Radio in a very non-technical but interesting fashion. More on operating and trouble shooting is coming, and in an early issue, something distinct in set construction is promised

Are Movie Actors Real People? Do They Get Nervous and falter before the mysterious and unresponsive microphone? How do they feel at their first experiences? Personal interviews with some of the most famous screen celebreties in Radio Digest soon.

Imagine Yourself Holding Your Sweetie's Hand while waiting for a certain song to come over the air from a little town in Missouri, knowing if you did hear it you were to propose and if you didn't hear it you were to wait until some other indefinite time. Read about it, for it is a true story in a forthcoming Radio Digest.

Special articles about broadcasting stations and artists, with photographs, and NON-RADIO fiction 5,000, 10,000 and 30,000 words in length are desired. No manuscripts accepted unless typewritten and prepaid, or returned without return postage being inclosed. All manuscripts are sent at owner's risk.

SHORT WAVES

By Marcella

Have promised a number of request "repeats" this time. Among them are Norman Brokenshire, Mac Ohman, Ford and Glenn, John T. Schilling and George Hay. Toot-toot, here goes the Short Waves Limited!

* *

J. H. M. and R. O. D.: Norman Brokenshire rightfully keeps many maidens' hearts aflutter, for he is single and good looking. To think! Someone told J. H. M. that Norman was married and had nineteen children. I don't know where he has been hiding his score of family all these years from his good friends, Marcella. Born in Murchison, Ont., Canada, 28 years ago; migrated to Cambridge, Mass., in early youth; was once a draftsman at Pittsfield, Mass.; later wore a doughboy suit in the World War; honorably discharged and became a salesman in New York; answered an ad for a Radio announcer in the classified section of one of the New York newspapers one day, and finally was selected as the man for the position from a field of 500 applicants. After a long service at WJZ, he was transferred to WRC, Washington, for nearly a year, and then was recalled to WJZ when they opened up with superpower. He is slightly under six feet tall, weighs about 165 pounds, wears a cute little black mustache, and has romantic, curly dark brown hair. I will add that he is a type which I think would make good in motion pictures.

* *

Ida: Mac Ohman is another one of those Scotchmen whom Radio and golf have made popular. Called the "sartorial treat" by one of his good announcer friends, Mac is a travelling balladist. In fact, he has been heard from practically every station in the Middle West. He has lived in Omaha, Nebr., nearly all the 26 years of his life because the city's name so nearly approaches his. Before Radio he sold insurance, but he has discontinued this now, so you may approach him with safety. Mac is very good looking, dresses perfectly, although inclined to yellow spats, stands 5 feet 7 inches up from the studio floor, and is full of effervescing youth and ambition. Rumor has recorded his marriage. "Maytime and You" and "Thinking" are two of his published compositions.

* *

"New Reader": Yes, George Hay, the famous "Solemn Old Judge" of WSM, is married and has two children—both girls, I believe. His favorite sport is golf, and he devotes considerable time to writing. He has just sent me an autographed copy of his "Howdy, Judge," published by the McQuiddy Press of Nashville, Tenn. The book is intensely interesting, packed with laughs, and marks Mr. Hay as a born humorist and strong contender for the honors of Irwin Cobb. Of course, you all know he won the Radio Digest gold cup in 1924 as world's champion Radio announcer.

* *

Nell: Yes, Ford and Glenn have recently recorded "Valencia" for Columbia. To repeat their history and descriptions, both are married, drive cars and each has a boy about 8 years old. Edgar Bill, WLS director, was responsible for pairing them into a team. When the two met through Mr. Bill they were suprised, for it turned out to be a reunion—Ford and Glenn having known one another some years prior in St. Louis. "Big" Ford Rush was born in New Orleans and his age is 32, weight 175 pounds, height 6 feet. "Little" Glenn Rowell was born in Pontiac, Ill., and his age is 28, weight 218 pounds, height 5 feet 8 inches, and likes pie and cake.

* *

"Anxious": Sure, "Nubs" Allen is still appearing now and then at WLS. Looks? A pretty, petite brunette, with brown hair and a husband—unfortunately for you. She specializes in popular songs. The Lucus Sisters? No one knows anything about them.

* *

And now, my friends, hold on to your hats and don't stand up 'til the car stops moving—for Eddie Squires is married! It happened last Friday, the thirteenth, to this formerly impregnable bachelor who probably has acted as announcer at more stations than there are at present licensed in the United States. Right now, of course, he is doing it at WJAX, Jacksonville, Fla., where the "globe-trotter" is less likely to depart burdened as he is with the responsibilities of a benedict. The girl was Miss Thyra Everett and her former home was White Springs, N. Y. "Eddie" gave his name at the license bureau as Edwin B. Squires, age 34, and residence, Connecticut. This last bit of information may be very valuable to the many fans who have failed to keep track of him during his wanderings microphone bound. In honor of the ceremony, Walter Tison, director announcer of WGHB, Clearwater, Fla., dedicated a special number to "Eddie" called "The Prisoner's Song." A Florida moonlight night, and a silent one for WJAX, are said to have made the romance "take."

(Continued on page 20)

FANS WILL HEAR DEMPSEY FIGHT

DAWES SPEAKER AT GREAT RADIO FEAST

OVER 200 PICKED ARTISTS FOR 33-STATION BILL

Wednesday, September 15, Date of Banquet and Festivities Officially Opening New Radio Season

NEW YORK.—Vice-President Charles G. Dawes will be the speaker at the Third Annual Radio Industries banquet on Wednesday evening, September 15, according to announcement by Herbert H. Frost, chairman of the speaker's committee for the banquet.

When the vice-president faces the thirty-three microphones on the speaker's table at the annual banquet in New York city, his voice will be carried to an audidience of listeners that will undoubtedly be the largest ever reached by an official of the United States or any other individual. On the occasion of the inaugural of President Coolidge, a record number of twenty-seven broadcasting stations participated in the transmission of the program. When the vice-president begins his address the hook-up will have at least six more stations and perhaps others, as additions to the list of stations participating are continually being made.

Two Hundred Artists on Bill

Over two hundred artists, the pick of the land, will entertain at the banquet and hence over the chain of stations. Mary Lewis and Reinald Werrenrath are headliners on the program which will begin at 7 p. m., Eastern daylight saving time, which is 6 p. m. Eastern Standard time or Central daylight saving time, and 5 p. m. Central Standard time.

Paul Klugh, executive chairman of the National Association of Broadcasters and chairman of the banquet committee, will appear as toastmaster again this year as in the past two years, and Major J. Andrew White, pioneer Radio announcer, will act once more as master of ceremonies.

DISTANT ANNOUNCER GETS FAN IN WRONG

NEW YORK.—One of WEAF's announcers put a gentleman in bad with one of his neighbors recently, The evening being hot and the front porch the place of refuge, the loud speaker was brought out to entertain the family. A lively banjo selection came over the air. A woman passing by stopped to listen. Soon came the name of the selection—"Keep Moving." With a voice ringing with scorn, she shouted, "Mind your own business," in the general direction of the front porch and strutted away haughtily from the front of the house.

KINDLY OLD LADIES ARE TRICKED AGAIN

LONDON.—Davy Burnaby and Melville Gideon, members of a famous London revue company, were broadcasting from 2LO recently, and at the close Davy said, "If any lady or gentleman would like to hear their favorite song, Mr. Gideon will sing it. You have only to speak the title into your loud speaker!" A moment later he said, "A lady has asked for 'Crinoline Gown.' Mr. Gideon will sing it." He did. And the next day Burnaby received four letters of thanks from old ladies who said they had asked for it!

CHARMING MICROPHONE BEAUTIES

Up and down the Pacific coast you won't find a more popular pair of singers than Gypsy and Marta, above, of San Francisco. If you like hoop skirts, you should see Leona Hogarth (at right) don them in "Black Velvet" at the Playhouse, Chicago. Her stage popularity was equalled by Radio when she appeared recently over WQJ and WHT. An artist of rare ability is Madame M. H. Goldschein, left, whose dramatic soprano voice has interpreted many arias from opera for the audience of WSM, Nashville.

ASSOCIATED PRESS DONATES FACILITIES

OVER 100 STATIONS WILL CARRY RUNNING STORY

Will Tell Blow-by-Blow Details of Champion's Meeting with Gene Tunney September 23

PHILADELPHIA.—When Jack Dempsey hands Gene Tunney the finish punch during the late afternoon of Thursday, September 23, at the Sesquicentennial grounds here, or perhaps when Gene lands a left hook under Jack's chin for a knockout, the whole world of sporting Radio listeners will know of it less than a second after the actual happening.

Through the courtesy of The Associated Press, the world-renowned news gathering organization employed by thousands of newspapers, the story of the fight blow-by-blow will be broadcast by over one hundred broadcasting stations located from coast to coast and from Hudson's Bay to the Gulf of Mexico.

Chains Also to Handle

Associated Press newspapers owning broadcasting equipment and several score of stations which cooperate with Associated Press newspapers, will handle the fight. In addition, part of the WEAF and WJZ chains, it is reported, will carry independent running stories of the momentous pugilistic encounter for the world's heavyweight championship.

The big fight will be on the air sometime around 4 p. m. Eastern daylight saving time, which is 3 p. m. Eastern standard or Central daylight saving time, 2 p. m. Central standard time, 1 p. m. Mountain standard time, and noon Pacific time.

Major Herbert H. Frost Is Tendered Farewell Banquet

CHICAGO.—More than 400 members of the Radio industry, friends of Major Herbert H. Frost, ex-president of the Radio Manufacturers' association, gathered to do him honor at a farewell banquet recently given him at the Palmer house here prior to his departure for New York city where he will direct the sales policies of the E. T. Cunningham company.

Addresses were made by A. J. Carter, president of the Carter Radio company of Chicago; Col. A. T. Clifton, Harold J. Wrape, president of the Federated Radio Trade associations; Frank Watts of New York, and Curt Wessel.

Speaking for members of the Radio industry Mr. Carter presented a magnificant loving cup to Major Frost, while Col. Clifton in the name of the officers of the United States Signal Corps Reserve presented Major Frost with a handsome sabre. Paul B. Klugh, executive chairman of the National Association of Broadcasters, acted as toastmaster.

New Studio for WJAG, Norfolk

NORFOLK, Neb.—Plans for an elaborate new studio are included in the construction of a new $500,000 hotel at Norfolk. Concert programs will be broadcast by remote control from WJAG, The Norfolk Daily News station.

WGBF APPARATUS ROLE PLAYS HERO

Amplifiers Pick up Signs of Life When Six Miners Are Entombed

SALEM, Ky.—Few broadcast listeners know that when five miners were entombed for six days recently in the Hudson mine near here, Station WGBF, of Evansville, Ind., played an important part in their rescue.

Almost when hope for their lives had been despaired, amplifying equipment and microphones were rushed by airplane from the Finke Furniture company broadcaster at Evansville. Carl Waddell placed the microphones in the mine shaft near the cave-in where the trapped men were believed to be, and Operator Martell Montgomery of WGBF adjusted his instruments and listened.

Distinct tappings and the ring of a miner's pick were heard. The Radio amplifier, multiplying the sounds 10,000 times, heard what the ears of men unaided could not. Rescue efforts were doubled, and the next day the five men were saved, little worse for their six days of imprisonment.

Does Radio Have Its "Dead" Night? WOK Would Know

CHICAGO.—In an effort to ascertain if Radio has its "dead night" each week like the theater, fans who tune Station WOK are being asked by Announcer George W. Allen to write to the studio telling which nights of the week they devote to Radio and what night, if any, they do not care for it.

Mysterious Automaton Answers Fans' Queries

Crosley Booth Attracts Many at New York Show

NEW YORK.—If there is still any mystery left in Radio, it will be found in the marvelous automaton on display at the Crosley booth in the third annual Radio World's Fair now being held in Madison Square garden, New York city. This mechanical figure, six feet tall, with the body of a man and the head made of a grotesquely-painted Musicone loud speaker, is attracting the attention of the scientific world and Radio listeners through its mysterious answering of questions which show visitors compound.

The giant figure, which might well be called the "answer man," was developed in the Crosley engineering laboratories in Cincinnati for the special amusement of exposition visitors. Its mechanical construction is so arranged that people can whisper near the figure and immediately they hear a mysterious voice talking to them or answering their queries.

Youngstown, O., Plans for First Radio Show Sept. 30

YOUNGSTOWN, Ohio.—The first annual Radio show ever held in this city will be put on in the magnificant new Fitch garage here September 30 and October 1 and 2. Thirty of the leading Radio dealers of the city have signed for space and the show has the endorsement of the Mahoning Valley Amateur Radio association and the Youngstown Radio Dealers' association.

Arrangements have been made to have a temporary station erected to broadcast musical programs during the show.

CALL FOR BLOOD GETS IT AND SAVES WOMAN

WRVA, Richmond, Broadcast Wins Fifty Volunteers

RICHMOND, Va.—Elmer G. Hoelzle, studio director at Station WRVA, Richmond, Va., sent out a call for blood and got it, thereby rendering a service in life saving probably never attempted before in broadcasting.

A few days ago a woman patient in the Johnston-Wills hospital, Richmond, reached a crisis from pernicious anaemia, and death stalked in the shadows. Dr. W. R. Graham called upon WRVA, which was in the midst of its evening program, to broadcast for volunteers for a blood transfusion. Fifty persons immediately responded. Tests were made for the precise No. 2 quality of blood required and Manley Betts, one of the WRVA artists, was selected for the operation.

The transfusion proved a success and the life of the woman patient was saved.

KWKH Becomes KSBA

SHREVEPORT, La.—W. K. Henderson, millionaire sponser of Station KWKH here, has sold his interest in the enterprise to W. G. Patterson who has been associated with broadcasting since 1921 and who originally was sole owner of the station. Mr. Patterson will head the new Shreveport Broadcasting association, which will operate the station, and the call will hereafter be KSBA.

Two Great Receivers

that cover the full range of radio broadcasting

from 10 to 200 meters

THE Grebe CR-18 is an exceptional receiver for high radio frequency reception. It employs a coupled regenerative circuit adapted for a frequency range of from 1500 to 30,000 kilocycles (10 to 200 meters) and is especially designed to meet all amateur requirements and radio frequency assignments of the U.S. Department of Commerce.

There are seven outstanding features that make the CR-18 especially efficient.

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THE extreme efficiency of the Synchrophase is due to several exclusive Grebe developments, especially the *Binocular Coils* which provide exceptional selective sensitivity; *Colortone* which gives control over tone quality; *S-L-F Condensers* which make accurate tuning easy; and *Low-Wave Extension Circuits* which give a tuning range of from 550 down to 150 meters, covering over 100 stations not reached by other sets.

Write for charts and folder describing these features.

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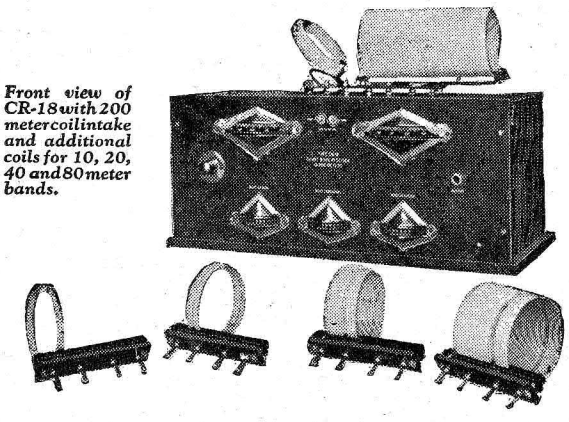
Write for Booklet RD. Then ask your dealer to demonstrate.

CR-18



Front view of CR-18 with 200 meter coil intake and additional coils for 10, 20, 40 and 80 meter bands.

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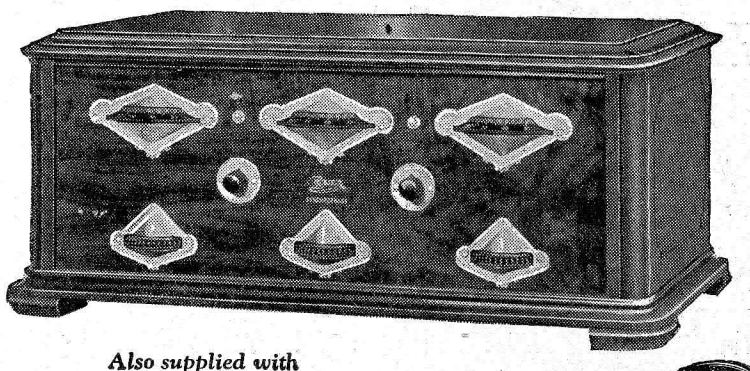

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TRADE MARK REG. U.S. PAT. OFF.

All Grebe apparatus is covered by patents granted and pending.

This Company owns and operates stations WAHG and WBOQ. Also low-wave rebroadcasting stations, Mobile WGMU and Marine WRMU, and stations 2ZV and 2XE.

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Doctor Mu

Air Confetti at KYW Carnival

MERRY ENTERTAINERS

Carry Glee and City Night Life to Listeners Scattered Through Country and Small Towns. Gaelic Twin Ticklers Propound Cocoanut Problem and Add Adipose Tissue.

By MARSHAL Z. TAYLOR

On the air (mail)—Listener's (P.O.) Station USM, Green Bay, Wis.

Fannie and Eddie Cavanaugh, the "Gaelic Twins," (left) and Fannie in the picture above.

"JUST what good are cocoanuts? You should have heard my mother, nigh onto 70 years old and 330 pounds weight, as you sang it. Think over the words of the song and then you will know why she is laughing yet. Thanks for the program. From Grandma McHugh and myself."

YOU have been listening, ladies and gentlemen, to Mr. David McHugh, applausecasting from his home at 901 E. Walnut St., Green Bay, Wis., in appreciation—What's that? No! No, dear friends, not "applesaucecasting," I said "a-p-p-l-a-u-s-e-c-a-s-t-i-n-g," — sure, thats it, sending his little message of appreciation to the KYW Congress Hotel Carnival, Chicago.

And he is just one of ten thousand or more other constant listeners who announce by card and letter their enjoyment of this frolicsome program that filters through the Great Lakes Region every Tuesday and Thursday during the pre-midnight hour.

If you have not already dialed in this Big Show it's right this way to the Main Tent!

Listen! Get that 535.4 wave! Hear the dancing, singing Cavanaughs! Fannie and Eddie, the celebrated Gaelic Twins and their funny Cocoanut song! Hear Art Linick, the jovial announcer! Hear dainty Grace Wilson, the girl with the melting, tenor voice! Hear the great Z. Earl Meeker, the wonder baritone of the opera!

And the price of admission, ladies and gentlemen, is just a turn of the wrist to 535.4 meters. Right this way!

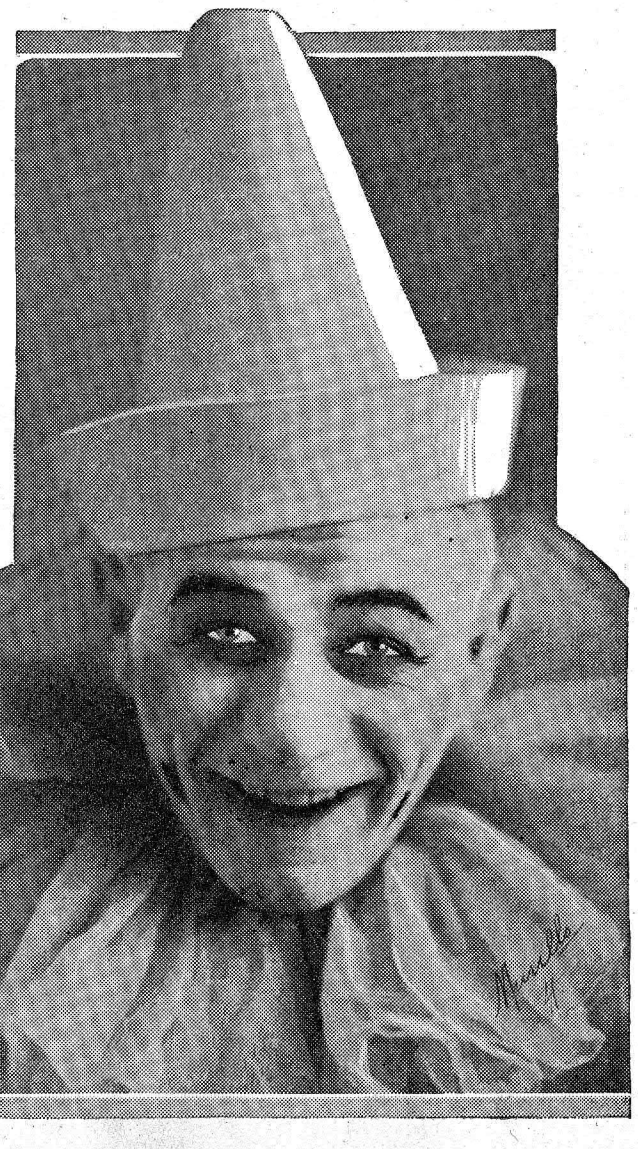
The carnival at KYW serves as the champagne for the evening's Radio banquet. From the first popping of corks at 10:30 the ether sparkles with snappy singing, playing and interchange of chit-chat between announcer and entertainers. It's a dizzy whirl with lively guests bobbing in and out and contributing to aerial confetti and general merriment. The listener has no trouble imagining himself or herself a member of the jolly party. It is all so "Artfully informal."

"Two days is not enough for our carnival," declared Mr. E. E. Mattson, who relays to the press vital statistics and other important matters appertaining to the Radio activities of the Westinghouse station. "This carnival is doing more to build up the nation than all the delicatessen stores in the country. No wonder the lady weighs over 300 pounds and is laughing yet. Look at me. I'm still a little over 200 and I refrain from eating entirely on Tuesdays and Thursdays. I did weigh over 250, but by cutting out potatoes when I eat meat and meat when I eat potatoes and laying off eats altogether carnival nights I have managed to cut it down. But I wouldn't miss the carnival if I have to laugh myself to a ton.

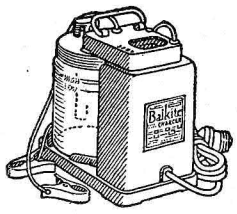
"And it's getting better all the time—better and better every day—poor Coue! You know the Cavanaughs, the Gaelic Twin Ticklers. They sing that breeze about the questionable utility of cocoanuts in general. They have some other good ones about the 'Little German Band,' 'Under the Summer Sausage Tree,' 'Hinky Dinky Parlay Voo,' 'Nice People' and 'Baloney.'

"Eddie and Fannie are old-timers as entertainers. They were headliners in vaudeville when we booked them for the second program KYW ever put on the air and you will remember that we were the first of the thirty-five Chicago broadcasters. Eddie was in the war, a doughboy. He carried on with his nonsense Over There, making the boys hold their sides from laughing when they all knew that the next minute they might be holding their hides together from German bullet holes.

"When Charlie Erbstein com- (*Continued on page 38*)

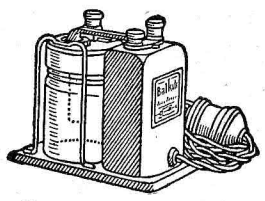


Grace Wilson, the girl with the tenor voice (lower left). Art Linick, the Dutch announcer of the KYW Carnival (below). Z. Earl Meeker, opera baritone from Pacific Coast, who helps KYW program.



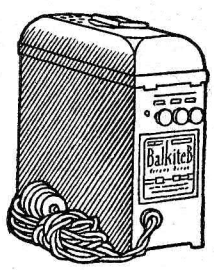
The New Balkite Charger

MODEL J. Has two charging rates. A low trickle charge rate and a high rate for rapid charging. Can thus be used either as a trickle or as a high rate charger. Noiseless. Large water capacity. Rates: with 6-volt battery, 2.5 and .5 amperes: with 4-volt battery, .8 and .2 amperes. Special model for 25-40 cycles. Price $19.50. West of Rockies $20.



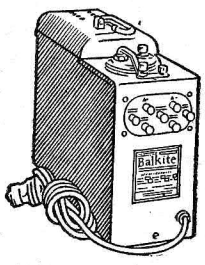
Balkite Trickle Charger

MODEL K. With 6-volt "A" batteries can be left on continuous or trickle charge thus automatically keeping the battery at full power. With 4-volt batteries can be used as an intermittent charger. Or as a trickle charger if a resistance is added. Charging rate about .5 amperes. Over 200,000 in use. Price $10. West of Rockies $10.50.



A New Balkite "B" at $27.50

Balkite "B" eliminates "B" batteries and supplies "B" current from the light socket. Noiseless. Permanent. Employs no tubes and requires no replacements. Three new models. Balkite "B"-W at $27.50 for sets of 5 tubes or less requiring 67 to 90 volts. Balbite "B"-X for sets of 8 tubes or less; capacity 30 milliamperes at 135 volts—$42. Balkite "B"-Y, for any radio set; capacity 40 milliamperes at 150 volts—$69.



Balkite Combination

When connected to your "A" battery supplies automatic power to both "A" and "B" circuits. Controlled by the filament switch on your set. Entirely automatic in operation. Can be put either near the set or in a remote location. Will serve any set now using either 4 or 6-volt "A" batteries and requiring not more than 30 milliamperes at 135 volts of "B" current—practically all sets of up to 8 tubes. Price $59.50.

All Balkite Radio Power Units operate from 110-120 volt AC current with models for both 60 and 50 cycles. Prices are higher in Canada.

Announcing the new Balkite Light Socket Radio Power Units

A new Balkite Charger with both trickle and high charging rates. Three new Balkite "B's" including the new popular priced Balkite "B"-W at $27.50. The new Balkite Combination—with the "A" battery it furnishes automatic power to both circuits.

Now you can operate your radio set from the light socket. Merely by adding the new Balkite Radio Power Units—either by adding a Balkite Charger and Balkite "B," or by adding the new Balkite Combination Radio Power Unit.

In either case the result is the same—light socket operation, maximum convenience, and smooth silent power.

Balkite Light Socket Power is noiseless. There is no hum. It is never low and never runs down, but is always exactly what is required by the set. It is permanent. Balkite Radio Power Units are permanent pieces of equipment. They employ no bulbs, and have nothing to replace or renew. They cannot deteriorate from either use or disuse. Other than a negligible amount of household current their first cost is the last. With sets of high current requirements their use is highly desirable for the saving alone. They require no changes in your set.

Over 600,000 radio receivers—one of every ten—are already Balkite equipped. Equip yours with Balkite and convert it into a light socket receiver. Know the pleasure of owning a set always ready to operate at full power.

FANSTEEL PRODUCTS COMPANY, Inc.
North Chicago, Illinois

FAN STEEL
Balkite
Radio Power Units

GOODY GOODY GIRL

"Hush!" She rose to her feet alarmed by his vehemence. "I won't hush!" He, too, got up and she backed away when he made as if to take her into his arms. "I love you. . . ."

By MERLIN MOORE TAYLOR

Illustrations by W. H. WISNER

LOIS Scarcely Had Trudged from Sight of the Old Homestead When Adventure No. 1 Overtook Her

REBELLION surged through the soul of Lois Sylvester when she opened the door to little, old Miss Wexby and her bowl of goldfish.

"I'm sorry, Miss Wexby," she said, "but I'm afraid I won't be able to take care of your goldfish this time. I'm going away."

"You goin' away? Where you goin'?"

"That's none of your affair. I'll not keep you waiting. Good-bye." She shut the door in the face of the self-important old lady who had for years been accustomed to leave her goldfish at the Sylvester home while going away for visits.

Lois shuddered. She was not going away. What could she tell her hard-shelled Yankee step-father? He would not condone the lie, she knew that. But she would have to tell him. It would mean a crisis. She would ask his permission to let her visit a school girl friend at Kaneville to make her story to Miss Wexby good.

Then Phineas Blair, stern and uncompromising, came in from the fields. Lois told him what had occured.

"But I won't permit you to go. That would be helping you to tell a lie. You will have to go to Miss Wexby and apologize, although I'll admit I don't care any more for her than you do."

His decision was final. He allowed of no argument in his household. He put on his coat and departed for the hardware store for parts to his cultivator, the errand that had brought him home almost in time to be a witness to the incident that had so much to do with Lois' great decision.

But the girl felt a brimming consciousness of her newly arrived eighteen years and the surge of rebellion grew stronger and stronger.

Blair retired early and slept soundly. Lois packed her suitcase and stole quietly out the door, half-afraid and yet eager to demonstrate the independence of her proud Southern ancestry.

CHAPTER II

Escape

ITS SETTLERS in the early days of the republic had named Lois Sylvester's home town Paradise. An absurd name it seemed more than a century later and one that brought chuckles from the city folks who passed through and derisively referred to it as a cross-roads village.

Paradise really was just that. It still boasted only a few hundreds of population. There was no railroad or anything like paved streets, electric lights, waterworks and so on which railroads bring in their wake. Those had gone to Clermont, the county seat, five miles away.

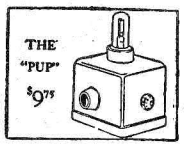
Modernity had touched Paradise but lightly. It was on a branch telephone wire out of Clermont. It had a tiny movie house where twice a week films were shown near the close of their careers. A handfull of automobiles, flivvers for the most part, were to be seen on its streets and there were at least a dozen Radio sets in its homes.

Paradise, like scores of similar little communities throughout the country, continued to exist because it lay in a rich farming community and the farmers—they clung largely to the colonial name of planter themselves—found it convenient to do their ordinary trading there in preference to spending the time on the road to and from Clermont.

Lois' great-grandfather had been one of those original settlers of Paradise. The village touched the edge of his plantation, for the Sylvesters were well-to-do in those days and owned many broad acres and the slaves to work

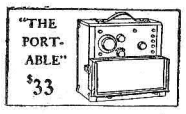
(Continued or page 13)

CROSLEY RADIO INSTRUMENTS
Each item the utmost in radio at its price. All prices slightly higher west of the Rocky Mts.

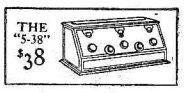


This little double-circuit one-tube set has brought happiness to thousands and made records for long distance receiving.

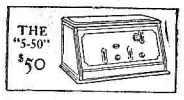
A 4-tube receiver of amazing efficiency, Crescendon equipped! Everywhere considered marvelous at its price.



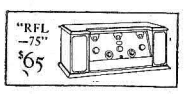
The 4-29 in portable form handy, compact, efficient.



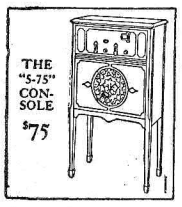
A five-tube tuned radio frequency set, with two stages of non-oscillating radio frequency amplification, Crescendon control, two stages of audio frequency amplification.



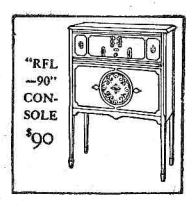
5-tube, single drum station selector, acuminators, Crescendon, power tube adaptability, all-metal shielded chassis.



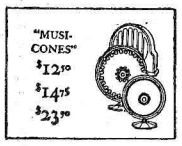
5-tubes. True-cascade amplification; non-oscillating, non-radiating even under any mishandling. Its perfect balancing achieved by Wheatstone bridge in each stage of amplification. Exceptional selectivity and tone.



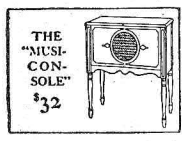
Beautiful solid mahogany console finished in two tones. Embodies the 5-tube $50 instrument with single dial control. Crosley Musicone speaker and ample compartment for batteries. Stands 41 inches high.



Introducing the double drum station selector! Includes Musicone in exquisite console. Room for batteries and all accessories. 41 inches high, 30½ inches wide.



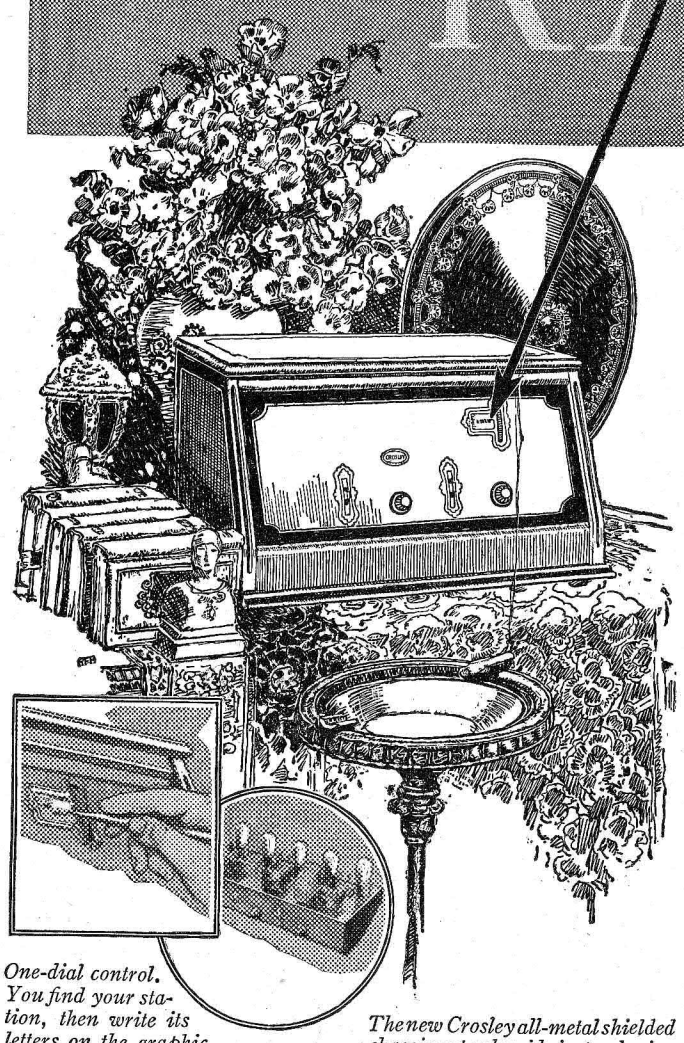
Regular 12-inch size, $12.50. Super Musicone, with still finer volume and tone, $14.75. Musicone Deluxe in mahogany "clockcase," $23.50.



Embodies the Musicone in a beautiful console of two-tone mahogany finish and provides room for batteries and accessories. 24½ inches long inside.

CROSLEY RADIO

BETTER · COSTS · LESS



One-dial control. You find your station, then write its letters on the graphic dial, locating it once and for all, to turn to whenever your fancy dictates.

The new Crosley all-metal shielded chassis not only aids in producing astounding selectivity, but standardizes manufacture and helps make possible the price of $50.

One-Dial Control!

. . . *in this amazing 5-tube set at $50*

Already the new 5-tube Crosley set, at $50, has met such a tremendous demand as to confirm the prediction that it will replace thousands upon thousands of sets now in use.

Confronted by high prices, many people who desired to replace their old sets have hitherto hesitated to do so. Now . . . in the new Crosley "50" . . . they find the features and qualities they desire, formerly exclusive to very high-priced sets . . . available at small investment.

The incomparable joys of Single-Dial Control! Uncanny selectivity, resulting from its metal-shielded chassis and the surpassing efficiency of the Crosley circuit's advanced design! Exquisite volume, thanks to the matchless Crescendon! Crosley Acuminators, power tube adaptability . . . all the attributes of radio at its best . . . for $50!

In all the Crosley line no instrument represents a greater triumph than this wonderful 5-tube set. Examine the line in full, as illustrated in the marginal column at the left . . . each item a victory for *mass production* in reducing radio prices. Then see the Crosley line at Crosley dealers . . . including the new "50" . . . now on display!

See it . . hear it. View the refreshing beauty of its solid mahogany cabinet. Operate it yourself. Watch the stations, written in on the graphic dial, parade before you and usher in their programs with unerring accuracy. Sharpen the selection with the Crosley Acuminators. Release inspiring volume by means of the Crescendon.

Know what heights . . . in tone, volume, selectivity and sensitivity . . . radio of moderate price has reached!

$50

Slightly higher west of the Rockies. Never before, at anywhere near this price, has a radio set possessed all these advantages: 1. Single-dial control with graphic station selector. 2. Metal-shielded chassis, contributing to amazing selectivity and reducing cost. 3. Crescendon control, producing exquisite volume from distant stations. 4. Crosley Acuminators, which sharpen tuning and increase selectivity. 5. Power tube adaptability. 6. Beautiful, solid mahogany cabinet of distinguished design and exquisite two-tone finish.

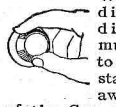
THE CROSLEY RADIO CORPORATION, CINCINNATI—POWEL CROSLEY, Jr., President

Crosley manufactures radio receiving sets, which are licensed under Armstrong U.S. Patent No. 1,113,149 or under patent applications of Radio Frequency Laboratories, Inc., and other patents issued and pending. Owning and operating station WLW, first remote control super-power station in America. All prices without accessories.

For Catalogue write Dept. 49

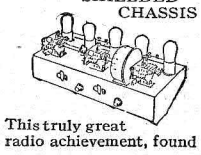
OUTSTANDING FEATURES OF CROSLEY RADIO DEVELOPED BY POWEL CROSLEY, Jr.

THE "CRESCENDON"



When, on ordinary radios, ears must strain to catch a station miles away, a turn of the Crescendon on Crosley radios instantly swells reception to room-filling volume. An exclusive Crosley feature.

ALL-METAL SHIELDED CHASSIS



This truly great radio achievement, found in several Crosley sets, furnishes a substantial frame for mounting elements, produces excellent alignment of condensers, shields the units from each other, prevents interstage, improves the stability of the circuit, increases selectivity and saves costs by standardizing this phase of manufacture.

THE SINGLE-DIAL STATION SELECTOR

Nothing in radio equals the joy or the convenience of single dial control. Crosley single drum control enables you to find the stations sought without log book or "tuning."

THE "ACUMINATORS"

Crosley Acuminators provide sharp tuning where reception spreads broadly over dial, easily tune out local and bring in far stations. Ordinarily, once adjusted and they need not be touched again.

USE OF POWER TUBE

Power tube adaptability marks the Crosley "5-50", "5-75" and "RFL" sets. This feature typifies Crosley provision for best radio reception at moderate cost.

QUALITY AND BEAUTY IN CABINETS AND CONSOLES

"My Radio Set Don't Work"

THERE Are Three Classes of Listeners, According to the Chief Service Man of a Large Radio Store. Sixty Per Cent Are "Bad". If You Are in This Group, Read Below and Repent Your Sins. Anyway, Here's a Lot of Common Sense Free of Charge.

By EVANS E. PLUMMER

DING-a-ling-a-ling! The telephone bell in the Radio service department of a large Radio dealer rang. The tired manager answered. The caller's first question was characteristic.

"Do you know anything about Radio?" was the needless interrogation of the fan in the desire of service. After being assured that he did, the manager was greeted with this:

"Well, why couldn't I hear any long distance stations last night?"

The service manager was accustomed to this. He had the patience of Jove. He explained that last night was a "bad" Radio night. Weather and atmospheric conditions were far from satisfactory for reception. Was this the first night the fan's set had shown symptoms of falling down? Try it again and see how it works. Whereupon the fan replied:

"That may be true, but I don't think you know what you are talking about." Crash went the fan's receiver.

Radio Receiver Is No Miracle

Unbelieving readers, this is just how you act, or I should say the majority of you act. The article which you are reading is based upon an interview with the Radio service manager of a store employing from eight service men in the summer to sixteen men in the winter. His troubles are many. The majority of listeners, he has observed, believe that Radio is such a miracle that their receivers must go on performing miracles night after night without ever receiving the least bit of attention. Or, when there is a bad Radio night, as explained above, most listeners do not know that weather and atmospheric conditions play an important part in their success at receiving distant stations, and even hearing local broadcast programs without static or the crackles and noises of nature's electricity in the air.

You don't expect it of your automobile, do you? You never look forward to hearing the engine run when your gasoline tank is empty. You know the consequences of driving without having sufficient oil. Ten thousand miles and the average tire is ready for replacement.

Give the Set Some Attention

But—Radio is a "miracle," and because it seems mysterious to you, the excellent directions of the dealer who sold you your installation are disregarded until it is too late.

Write this in your hat, or better, paste it under the lid of the receiver:

"RADIO IS NOT A MIRACLE. A RADIO RECEIVER REQUIRES JUST A LITTLE BIT OF ATTENTION NOW AND THEN."

I am asking you to believe this. I am further asking you to believe in the service men. Don't think that your scattered Radio knowledge is superior to his. He is just a human being trying to make your receiver do the best it can.

The service manager told me many interesting things. One was the chief reasons for trouble calls. He ranked them in the following order:

When Trouble Calls Come In

1. Failure to get distant stations, or fading of stations. "Fading" is not the fault of a receiver. It is caused through some phenomena of nature and happens in the intervening space between the station and your receiver. Probably all the receivers in town will be troubled by the fading of the same particular station at the same time. This should prove to you that fading is a general Radio "disease," a cure for which has not yet been discovered, and for which you cannot justly blame your receiver.
2. Battery or tube troubles. These will be discussed later.
3. Loose connections to the set or power supply.
4. Poor aerial or ground.
5. Trouble inside the set other than that caused by defective tubes. Note that the service manager finds but few calls which may be classified under this heading.

There they are—all five of them generalized. Of course, there is one other, and although it is not classified, we shall describe it here as "dumb foolishness." In this category falls the man who called the service manager and for thirty minutes outguessed all questions of diagnosis, until finally the service manager asked him, "Did you plug in your loud speaker?"

"By golly, I forgot all about that," came the fan's embarrassed reply.

That is not far fetched. Listen to this.

"One of the best ones, though," said the service manager, "was on a middle-aged gentleman of rather pugnacious temperament, who tongue-lashed me to a fare-you-well. I finally sent my best man out to his house. Evidently the set did not require much work for he was back in a hurry.

" 'What was the trouble?' I asked him.

" 'Hah! That's the best yet. It cost me one minute's work and the old duffer just $1.50 because he forgot to turn on the battery switch.' "

"Who cause the most trouble calls, men or women?" I asked. The service manager thought a minute.

Men Cause the Most Trouble

"Women call more often than men, probably because their husbands ask them to take care of this detail. But I think men cause the most trouble by meddling with parts of their sets they know little or nothing about. Most men, I have found, overestimate their technical knowledge.

"On the other hand, we have customers who admit knowing nothing about Radio receiver maintenance and do not want to know anything more. In this class are found wealthy persons who hire chauffeurs to drive and keep up their cars. These people want their sets kept in the pink of condition at all times and are perfectly willing to pay our service charge of $1.50 every two or three weeks just to have the service man inspect their receivers and keep them in good condition."

What Most Common Troubles Are

"What are the most common troubles your men find when they make an inspection on the average service call," I asked. The manager's answer was a gem. Every set owner should read it carefully and impress upon his mind the valuable knowledge which it contains.

"Most troubles come from the listeners who never bother to charge their storage A or perhaps B batteries, or both. As a general rule, batteries cause the most grief. People think dry A, B and C batteries last forever. Some of them have an idea storage batteries contain an infinite supply of electricity.

"Dry A batteries last only from three to six weeks when coupled to a super-heterodyne. Then they must be replaced.

"Dry B batteries have a longer life. It may run from three to six months—sometimes, but not often, longer. When a 45-volt block of dry B battery registers less than 34 volts on a fairly accurate voltmeter, the block should be replaced. Further use often causes noisy reception, and the tuning in of long distance stations is practically impossible. Voltmeters that are too cheap should not be purchased. They will not register accurately, and more than likely they will be of a 'low resistance' type which will drain the valuable life from the B block.

Tap Water Not Distilled Water

"Wet or storage A batteries should be charged whenever a hydrometer reading shows lower than 1200. The charging can be stopped when minute bubbles, like pinheads, are observed through the filler holes at the top of the solution. Or, if the hydrometer reading rises to 1250 or 1300, one may assume that the battery is fully charged. A charged six volt storage battery should read 6.6 volts or more on a 0 to 10 or 0 to 15 scale voltmeter.

"Distilled water should be added to the cells through the filler holes whenever the plates begin to show above the surface of the solution. The plates should always be just covered. We find that many people never look into their batteries, or if they do think to add water once a month, they add drinking water, thinking it will do. It will NOT!

Ever Clean Your Batteries?

"What has been said for storage A batteries applies also to storage B blocks. Many people forget that either a different charger or different connections on the same charger are required for A and B storage cells. Much noise in reception is traced to dirty tops on storage A or B batteries. These should be cleaned off periodically with a damp rag, which should be thrown away after use.

"Dead C batteries cause some but not much trouble. The average life of a dry C battery is six months. Then they should be tested.

"Very little trouble is found in either A, B, or trickle chargers, or B eliminators. Many people are mystified by the trickle charger and forget to add distilled water to their storage battery. They forget that the water evaporates just as rapidly from a storage A battery equipped with a trickle charger as from an unequipped storage A."

The service manager paused for breath. I asked him about tube troubles. He replied:

Common Troubles of Tubes

"The chief troubles reported on tubes are first, burn outs, second, low filament emission, and third, shorted elements inside the tube—a fault usually caused by an inquisitive man or child handling or shaking the tube. Burn outs are unavoidable. Filaments may last a thousand hours, and again they may not. Much depends on the careful treatment which the listener accords his tubes.

"Low filament emission is a common fault with 199 and 299 type tubes. This is usually caused by the listener 'forcing' his tubes, or in definite terms, applying more than three volts to their filaments. That is why we recommend the use of a voltmeter on receivers equipped with 199 tubes. Low emission is also caused by tubes becoming worn out. The 199 or 299 type tube six months old will often have this trouble. In either case, the process known as 'rejuvenation' often returns the tube to usefulness. Rejuvenation should not be practiced too frequently. Twice in the life of a tube is about all that will do any good. After that it harms, if anything."

The "Champion" Rejuvenator

Right here, I interpolate the service manager's discussion with a note. One of my friends is an enthusiastic listener. He owns a super-heterodyne using 199 tubes. To make sure his tubes would always be "up to snuff" he purchased a rejuvenator and rejuvenated his tubes every night for a week. By that time his set was beginning to do worse instead of better. He asked me what to do. I told him to store his rejuvenator where he could not get at it more often than once every three to six months, and then purchase a new set of tubes. The service manager continued:

"Very little filament emission trouble is reported on 201A, 301A or power tubes. Burn outs or rough handling usually end their careers."

Aerial and Ground Weak Spots

"What aerial or ground troubles and repairs within the sets themselves do you find most often?" I asked.

"Aerials are often too long, making the set tune broadly. In this case we shorten them to fifty feet or less. Then again they may be very dirty, their insulators dirty or cracked, or on flat buildings we many times find aerials crossing one another and making contact at the crossing. Sometimes they are loose and sagging. We tighten them.

"The all-important ground connection is sadly neglected in nearly every case where the fan makes the installation himself. Listeners should realize that a perfect ground connection means the difference between good selective reception, the hearing of distant stations, and not having either.

"Loop aerial connections are sometimes broken, short-circuited or loose. One man thought because his loop was inserted in a socket which revolved, that he should oil it. He did. When we called we cleaned out the oil and the set worked once more.

Set Itself Gives Least Trouble

"The set itself gives the least trouble of all, if you do not count tube trouble as set trouble, which you should not. Now and then we trace the trouble to a 'resin' joint in the set's wiring, or to wiring that has broken at some point through shipment or rough handling. A touch of solder and this is overcome. Often so-called set troubles are found merely to be loose connections at the binding posts of the set. The listener always feels foolish when he pays $1.50 to learn this simple thing.

"We always give two months of free service to everyone buying a receiver through our store. When that period is over we charge a fee of $1.50 for each

(Continued on page 38)

We Are Like That!

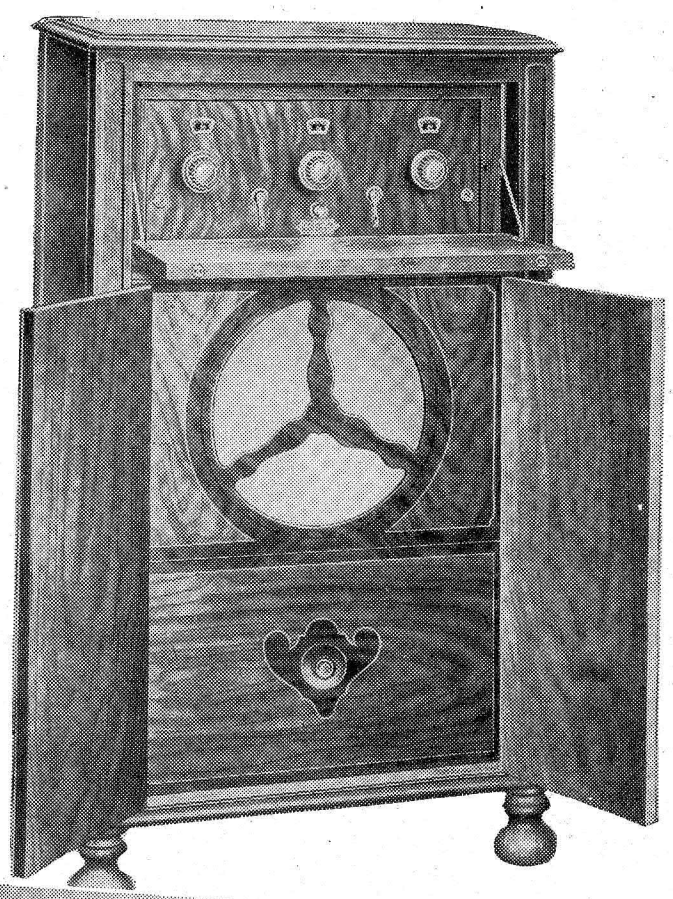
WHEN a middle-aged gentleman of rather pugnacious temperament tongue-lashed the service manager of a large Radio store, he finally sent one of his best trouble shooters to the man's house. Evidently the set did not require much work, for the repair man was back in a hurry. "What was the trouble?" the service manager inquired.

"Hah! That's the best one yet," the trouble shooter replied. "It cost me one minute's work and the old duffer just $1.50 because he forgot to turn on the battery switch."

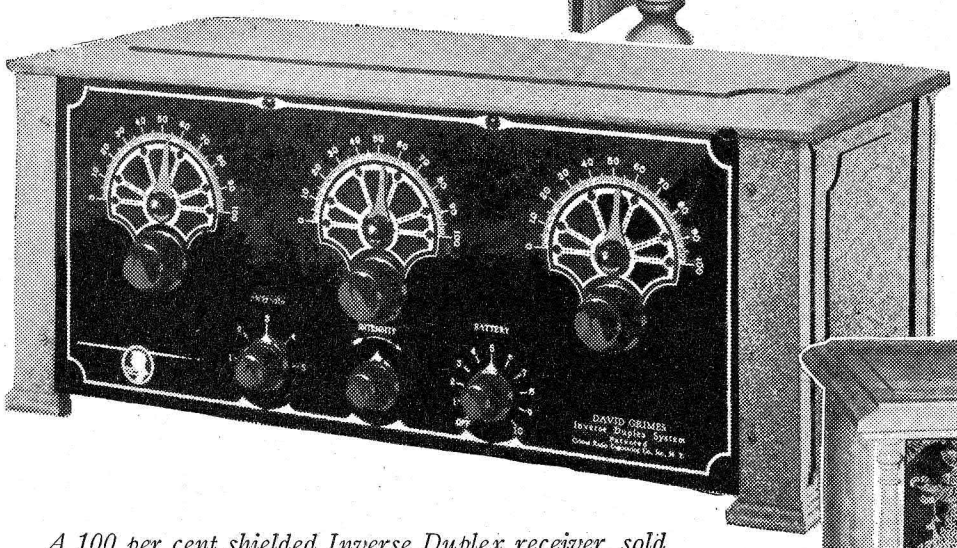
You would be surprised to know the number of foolish calls for service made upon the average Radio dealer. The article herewith describes some of the most frequent troubles of average broadcast listeners. The majority of legitimate troubles are caused by run-down batteries or defective tubes. Read this and save yourself and others "grief."

Season's New Models Please

WITH the Radio shows and expositions of the fall comes a most pretentious array of 1927 model receivers and accessories. On this and the facing page are described some of the outstanding designs which have been prepared to attract the broadcast listener's attention. No doubt, many persons will replace their receivers this year with sets containing advantages to be had in this season's designs. Principal improvements observed this fall are simplification of control, more beautiful and artistic cabinets, mechanical refinements in the interior construction, perfection of audio frequency amplification to yield almost life-like reproduction, increased selectivity, and the shielding of tuning units or entire cabinets. Further details, including prices, of any of the receivers shown may be had merely by writing a letter to RADIO DIGEST

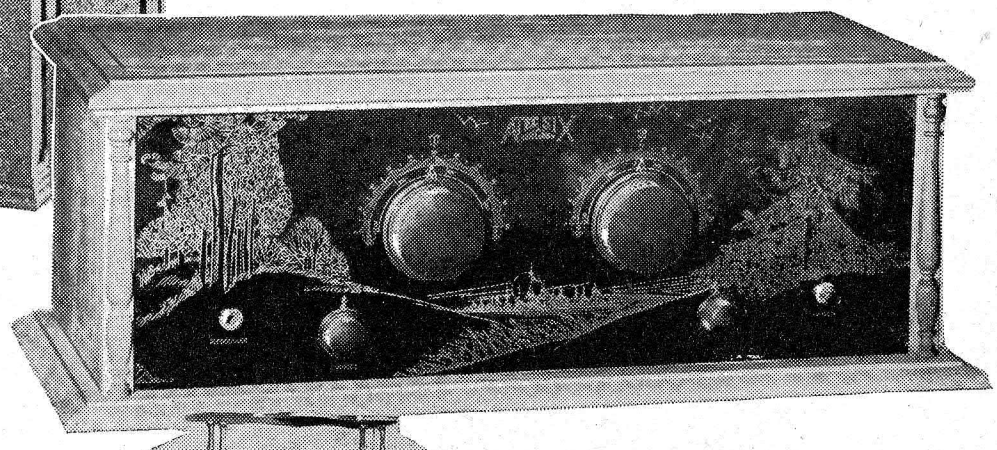


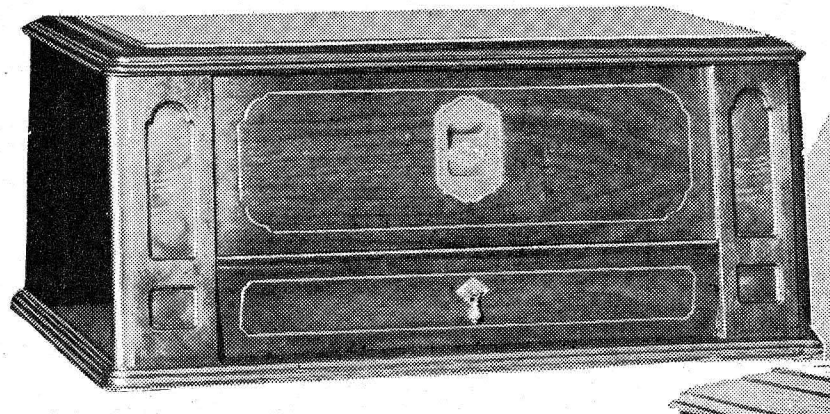
The distinctly beautiful Freshman console on the left, known as the 6-F-11, is the captivating product of this well-known manufacturer. Built in a rich-grained mahogany cabinet having a soft and alluring finish and equipped with a licensed cone type speaker designed especially to reproduce the exceptional quality and volume of the new and improved Freshman Masterpiece receiver, this exquisite creation has been named "The Masterpiece of Masterpieces." The receiver itself has been designed to employ the new power tubes with the result that great volume with wonderful clarity are the outstanding features. In conjunction with the "A-B-C" power supply unit which the Freshman company manufactures, the console can be operated entirely from the light socket. The mellowness of tone is really surprising, the lower notes being brought out with utmost fidelity. The new receiver is Freshman's supreme work.



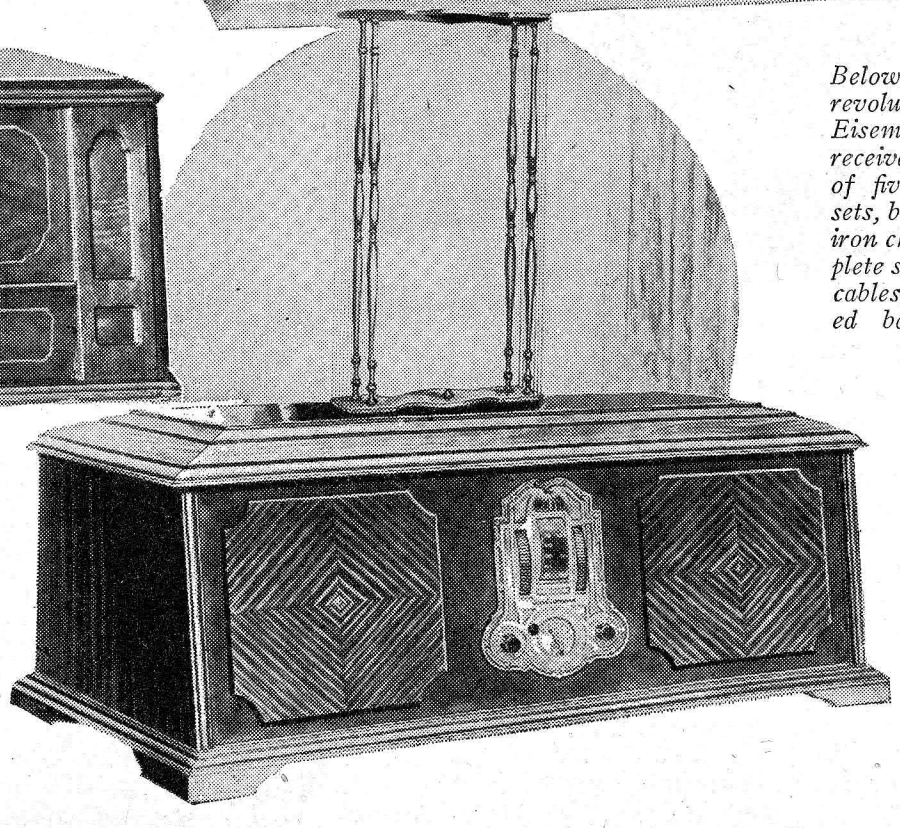
A beautified front panel, graven in gold, is the pleasing contribution of the Atec receivers, the six tube T. R. F. model of which is shown below. There are but two dials to tune, and these are made conveniently large. A five tube T. R. F. model is also made by the Able Tool and Engineering company. Both cabinets are walnut finished.

A 100 per cent shielded Inverse Duplex receiver, sold in kit form in two models, a four dry cell tube and a five storage battery tube style, are the first products of the reorganized Grimes Radio Engineering Co. Above shows one assembled. All three dials are operated from one central knob, or individually.



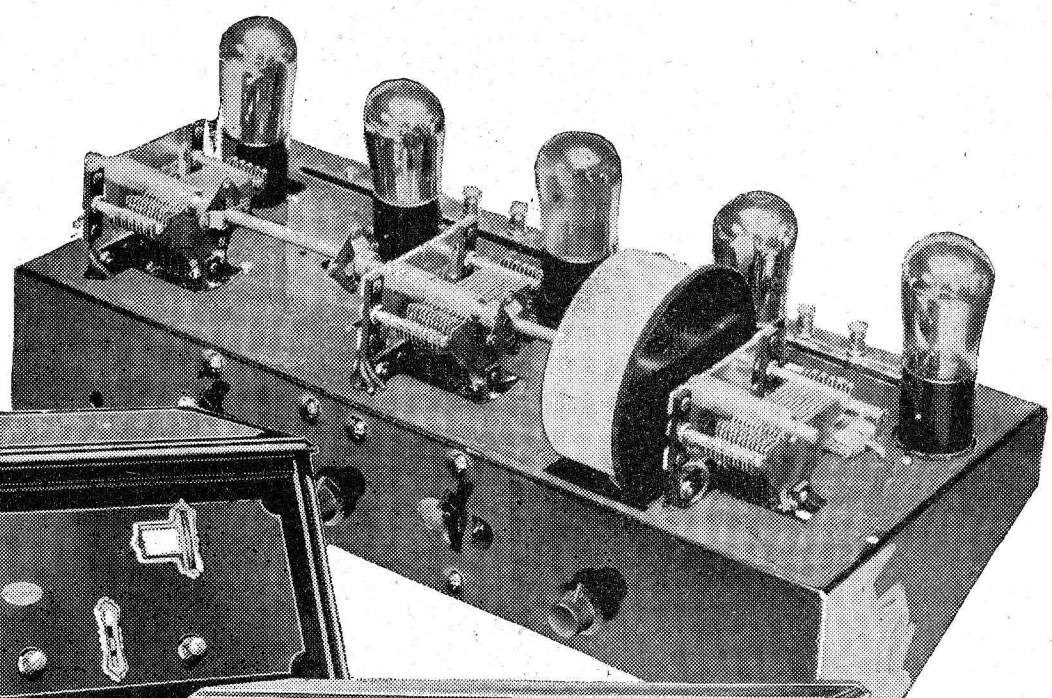


Below at left is the revolutionary Freed-Eisemann model 800 receiver, one of a line of five to eight tube sets, built on an angle-iron chassis with complete shielding, battery cables, wave-calibrated barrel dial, and voltmeter.



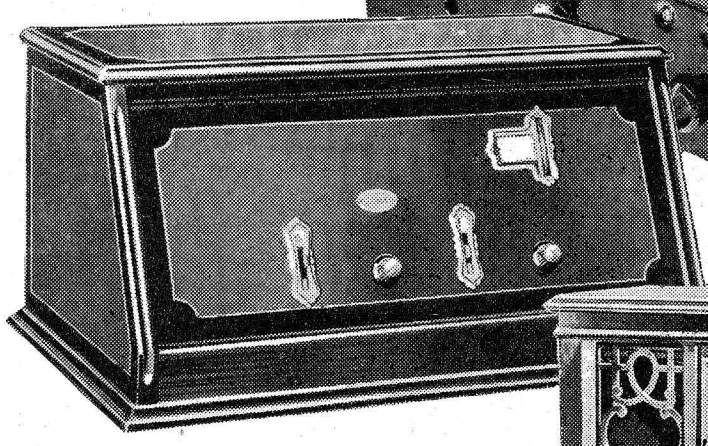
"Are You Thrill-Proof?" asks the Bremer-Tully Mfg. Co., in advertising their new Counterphase-Eight, shown above. And it is a real thriller too, with four stages of tuned radio frequency operated with but one control. Perfect reproduction, a different cabinet, total individual shielding, metal chassis, and good design feature this 1927 receiver.

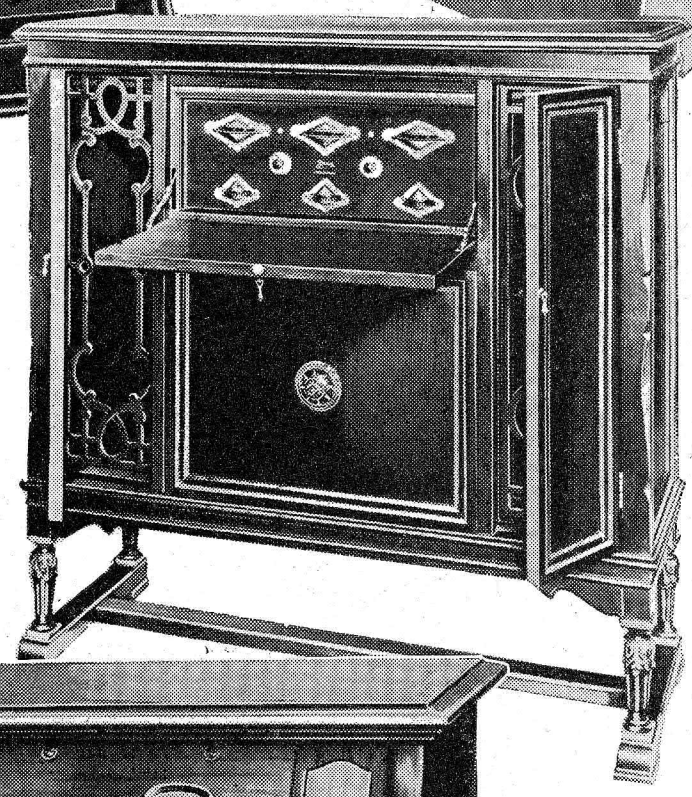
Show Desirable Refinements



The 1927 Crosley receivers introduce a distinctly new type of construction on a metal chassis. Below and at right style 5-50 is shown. Note single drum control.

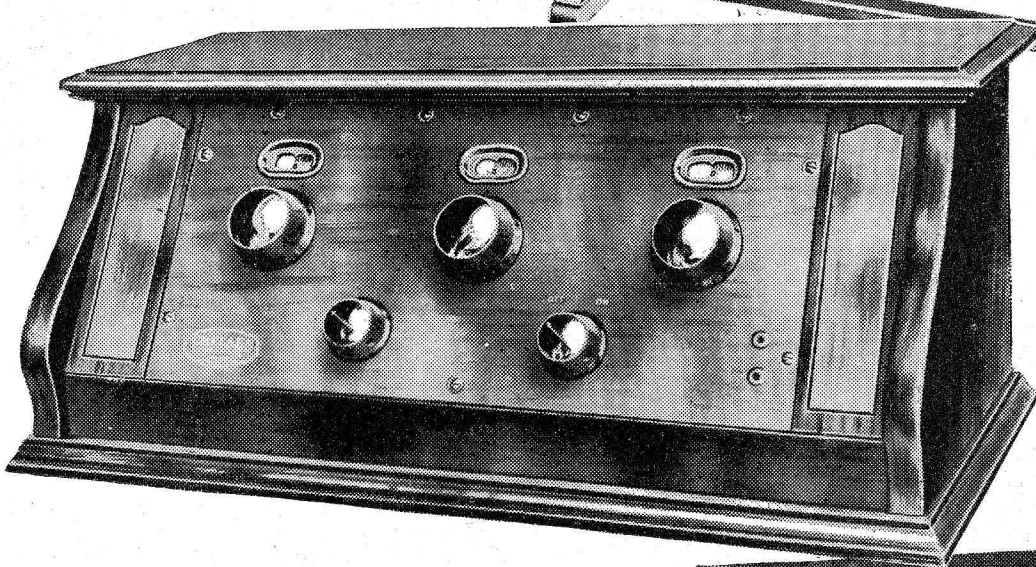
Several new developments in Radio set construction for the coming season have been announced by Powel Crosley, Jr., president of the Crosley Radio corporation of Cincinnati. Some of the 1927 models include a method of using single dial control without loss of selectivity, all-metal chassis for mounting the parts and many other new features, such as the built-in Musicone speaker. The most outstanding of the new receivers is the five tube, single control, graphic station selector model, shown at the top left in two views, and known as the 5-50. The set parts are totally shielded in the metal chassis, "acuminators" are provided for fine tuning, and the "crescendon" controls the volume. Similar construction is used in the high console model, known as 5-75, with the Crosley Musicone built in and space provided for batteries or eliminators, and again in the RFL-90 model which incorporates the famous R. F. L. Bridge Circuit. The RFL-90 is also built in the high console. The 4-29, 5-38, portable, "Pup," four types of Musicones, and a Musiconsole, complete the popular Crosley line.

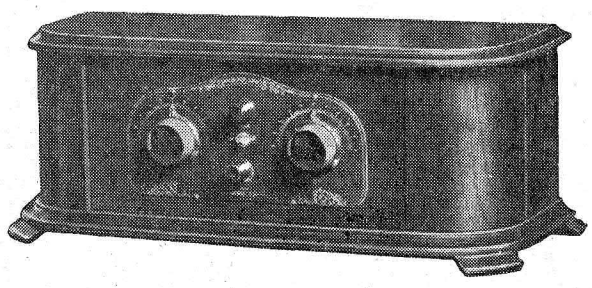




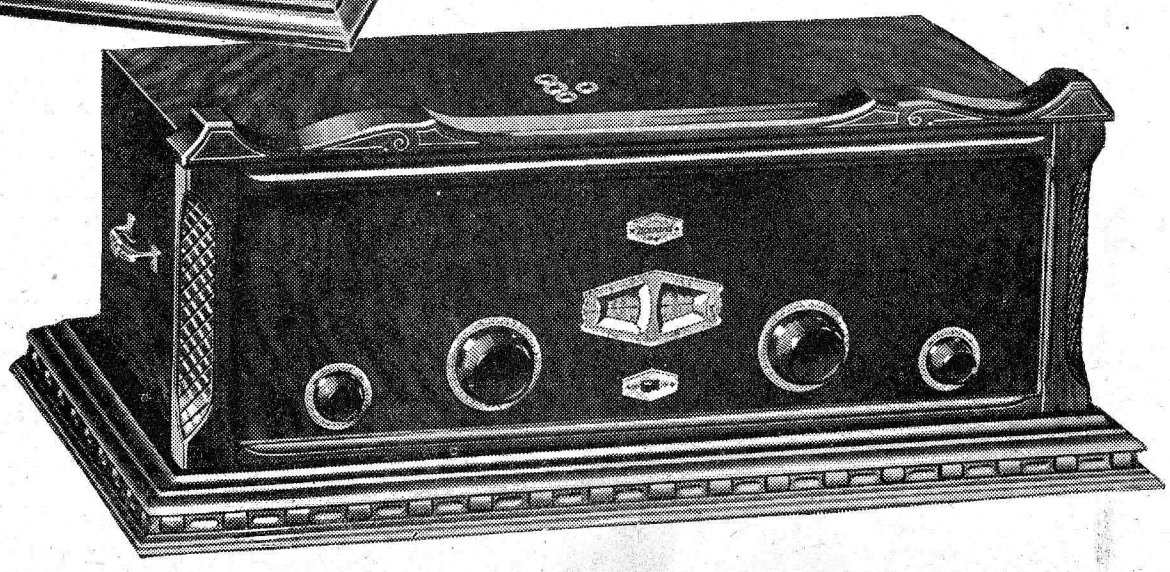
Beautiful console models of the Grebe Synchrophase in five distinct periods constitute the offering of A. H. Grebe and Co., Inc., for 1927. The Andalusia model is pictured at the right. All metal parts are Etruscan gold, and two loud speakers are contained in the cabinet, which is finished either plain or polychrome. The Renaissance, the most expensive of all the line, is beautiful as a cathedral. Simpler models include the Puritan, Princess and Lancaster, which are not loud speaker equipped.

A beautiful, distinctive brown mahogany cabinet, small and well-finished metal panel, and simplified control mark the 1927 five tube Arborphone, shown below and made by the Precision Products Co., Ann Arbor, Mich.





Above is the new Chelsea Truphonic-Six, utilizing an entirely new system of quality audio frequency amplification, and encased in a two-tone mahogany finished cabinet with dial window indicators. Six tubes are employed. It's made by the Chelsea Radio Co.



There is hardly sufficient space to tell the many interesting and new things in the Howard S-7 seven tube, loop operated neutrodyne. It's completely shielded, dual controlled by calibrated and illuminated dials, and is housed in a cabinet worthy of a place in any parlor.

ANNOUNCE MANY BIG FEATURES FOR WEAF

INCLUDE CHAIN STATIONS IN AMBITIOUS EFFORTS

Atwater Kent Hour Becomes Full Hour October 3—Balkite Hour with Damrosch Begins Oct. 23

NEW YORK.—A veritable host of exceptional events to be found on WEAF's programs during the coming weeks has just been announced.

First of all, the Atwater Kent hour, shortened to a half hour during the warmer months, will again go on its hour schedule beginning on Sunday evening, October 3, at 9:15 o'clock Eastern Standard time. The chain carrying the feature will be extended to include WEAF, WEEI, WJAR, WTAG, WGR, WRC, WCAE, WTAM, WWJ, WSAI, WGN, KSD, WOC and WCCO. A galaxy of noted soloists and grand opera performers will be featured again in this weekly Sunday program.

The "Vikings" will return to the air on Tuesday evening, October 5, at 8 o'clock and will be heard each Tuesday at the same time for forty-five minutes. The same chain as above, with the exception of WRC and WGN and the addition of WFI and WCSH, will carry this feature.

Balkite Damrosch Hour Starts

On Thursday, October 7, at 8:30 p. m. a new program, that of the Schickerling quartet, will be heard through WEAF, WEEI, WJAR and WFI. This will be a regular Thursday program.

The programs of the Balkite hour have their inception on Saturday evening, October 23, and will probably be among the most ambitious ever attempted by any broadcaster. They are now being carefully arranged by Walter Damrosch, the noted leader of the New York Symphony orchestra. The first concert will be a full symphony program by Mr. Damrosch and the orchestra. Thereafter the concerts will be arranged as far as possible in pairs each being preceded by a piano recital by Walter Damrosch. In these recitals, for which he is famous, Mr. Damrosch will discuss, explain and play important parts of the program to be sent out on the air the following week. By this method it is expected that the program will not only be of the greatest entertainment value but a liberal musical education as well. These concerts will be given every Saturday night at 9 p. m., Eastern time, over Stations WEAF, WEEI, WGR, WFI, WCAE, WSAI, WTAM, WWJ, WGN, WCCO, KSD, WDAF and WOC.

"Billy" Jones and "Ernie" Hare Return

"Billy" Jones and "Ernie" Hare have returned to WEAF's microphone and will be heard regularly now on Friday evenings at 8 o'clock with their popular programs. Their repertoire of jokes, stories and experiences has grown much larger during their vacation, and should be more attractive than ever before.

The La France orchestra, recently added to WEAF's program, will continue to be heard Friday evenings at 9 o'clock. Stringed instruments predominate in this unusual orchestra. "The Mysterious Baritone" is another feature of the La France half hour. The program is broadcast through WEAF, WEEI, WGR and WOO.

Lady Fan Asks Artist To Signal Love State

Would Have KFI Star Say It With Code of Songs

LOS ANGELES—"It's one if by land and two if by sea," said Paul Revere, before he started on his famous ride, but Paul Roberts, KFI tenor, finds that his signals are not so simple.

In his fan mail recently he found a letter from an admiring woman which asked many personal questions, among which were whether he were married, or single, young, or old, thin, or fat; whether he felt a pang of love for the unknown writer, or was he quite heartless?

Inasmuch as the type of letter practically forebade an address and a name, Mr. Roberts found it impossible to answer the questions.

A few days later another letter arrived containing the glowing idea that he should answer her secretly by Radio through a code of songs.

"If you are single," the unknown wrote, "then sing, 'All Alone'; but if you are married, sing 'The Battle Hymn of the Republic'; if you are young, sing 'At Dawning'; if you are old, sing 'Darling, I Am Growing Old'; if you want my love and want to meet me, sing 'The Hand of You' between 8 and 9 next Wednesday."

Roberts went before the microphone the following Wednesday night and sang all of the songs in one group except "The Hand of You," which he swears he will never sing again.

TRAMP CAT ALMOST MURDERS WGY STAR

SCHENECTADY, N. Y.—One of WGY's popular entertainers lingered between life and death for a few days recently. as a result of a murderous attack by a marauding cat.

Pete Van Curler is probably the youngest and the smallest Radio performer appearing regularly on a program. He has appeared as concert artist with the Hotel Van Curler orchestra every Thursday afternoon and many letters have been sent him by appreciative listeners. He is a Hartz mountain canary with a throat that emits golden music. Pete's cage is placed along side of Porter Potts, the director of the orchestra, and when the violin begins to sigh Pete just lets go with everything he has.

A few weeks ago, while Pete was perched high for the night, a tramp cat, one of the kind that nobody loves, sprang at the cage and before anyone could intervene he had reached through the wires and had dealt Pete one wicked blow with his clawed paw. Pete was in a pretty sorry state for days and it was thought he might lose at least an eye, if not his life.

However, Pete is getting better and has thrilled his friends by chirping brightly when he hears the distant music of the orchestra. He hasn't sung yet but in a few days his cage will be carried to its place beside the orchestra and he will be invited to take part again in the program.

WAVE PIONEERS MAY SOON BLOCK JUMPER

COMMERCE DEPARTMENT EXPECTS TROUBLE YET

Cooler Months Are Anticipated to Bring Fan Complaints—Little Power Required to Interfere

WASHINGTON, D. C.—Reports are current here that some of the broadcasting stations with long wave lengths will probably go into court this winter to see if they can obtain injunctions against those stations which have "jumped" their wave lengths. No such cases have yet been filed according to the information available here.

Officials of the department of commerce who are watching the Radio situation are of the opinion that the coming autumn and winter will bring considerable in the way of "kicks" from Radio listeners, because of this duplication of wave lengths. Not so many complaints have been received during the summer months, but this is believed to be because the signal strength of all stations is somewhat reduced during the summer.

Little Power Needed to Interfere

According to Dr. George C. Southworth, who has calculated the signal strength broadcast by a station and the power required to give a fairly loud signal with the ordinary receiving set, the energy of the ether waves flowing through every square meter of a place perpendicular to a line to the station, is about a quarter of a microwatt (millionth of a watt).

This energy would have to be multiplied 160 million times if it were to be sufficient to light an ordinary 40-watt electric lamp.

Even though Dr. Southworth might have erred considerably in his calculations, it does not take a great deal of imagination to understand how delicate a Radio broadcast wave really is. No wonder we have "interference" with these delicate waves.

Tune in WGY Sept. 18 and Tell Which Set Sends Best

SCHENECTADY, N. Y.—Propagation tests on two of its three transmitters will be continued by WGY, of Schenectady, on Saturday night, September 18, on 379.5 meters. Engineers of the General Electric company are endeavoring to give Radio listeners the very best possible transmission and the cooperation of listeners is necessary.

The transmitters used are known as No. 2 and No. 3 The former will be used until 9:30 p. m., Eastern Standard time, at which time No. 3 transmitter will be operated for a half hour period. At 10:00 No. 2 will be put in commission until 10:30, when No. 3 will go on the air for a period of a half hour.

The listeners are asked to compare the signal strength of the two receivers and to give their opinion of the relative reliability of the output. Listeners are also asked to indicate their preference.

"GOODY GOODY GIRL"

(Continued from page 7)

them. His day had marked the climax of the family fortunes, however. By the time Lois was born they had dwindled to mere ownership of part of the original lands and these her dreamy, inefficient father had heavily mortgaged in preference to working them that he might have the more leisure for the books in the library of the old colonial house. He had left even less for his widow and daughter.

PHINEAS BLAIR with his Yankee shrewdness, his northern push and drive, had come along and married Mrs. Sylvester just in time to save the lands from passing out of her hands altogether and into the hands of those who held the mortgages. He had promptly moved his newly-acquired family out of the old home into a smaller house in Paradise. An indefatigable worker himself, he had demanded work from all those about him. Even his gentle little wife, reared to be a so-called lady, did not escape. She did her own housework and continued to do it long after the necessity for it had passed, because with affluence Phineas Blair continued tight-fisted. Under a law written in the days when the man owned everything and his wife nothing, he got ownership of the plantation when his wife died. Lois got only the burden of her mother.

She was only slightly better equipped to bear it than her mother had been. That mother had secretly hoped that the girl would fare better than she in the end. She had succeeded in getting her almost through the high school in Clermont, had managed to have her voice—it had been discovered she had one—trained to some extent, had brought into her life as many outside influences as she could before she died.

All that had come to an end when she no longer was there to stand between Lois and Phineas Blair. He turned the sixteen-year old girl into his housekeeper, drudge rather, and set his heavy foot down upon everything else. He had put her through high school, he said. That was enough education for any woman. He could not see why she wanted further training in music. She sang better than any girl he knew; she was a member of the church choir and had all the solo parts at entertainments. He had money, yes, but he had earned it and he proposed to keep it just as the law allowed. She would be sheltered, clothed and fed while he lived and in his will he would not forget her. But as for the rest—

The rest was what Lois was striking for when she stole away from his house in the night and took the road to Clermont. Neither the night nor the road held any terrors for her. Even if she had not been country born and raised the buoyancy inspired by the first real freedom in all her life would have kept her unafraid.

SHE HAD expected to walk the entire five miles, with frequent rests to ease the burden of the suitcase, but two miles away from home she heard the distant throb of a motor behind her and twin beams of light suddenly flooded the road. Her heart leaped into her throat. Had Phineas Blair discovered her absence already and was he pursuing her?

A frightened glance over her shoulder showed her the car was still some distance away. She did not believe she had been seen. She scrambled down into the ditch beside the road and took refuge among the tall and dusty weeds which lined it.

The car kept on coming but it seemed to her that it had slowed down. She was sure of it a moment later when a spotlight suddenly sprang into life and began to search out the sides of the road. Looking for her? Had she been seen? Was it Blair? Was her bid for freedom from his shackles to end in being caught and dragged ignominiously back to them? She crouched deeper among the weeds.

Almost opposite her the car came to a stop. It wasn't Blair's roadster, she saw, but a touring car.

"Hello," a voice suddenly called, a youthful sort of a voice that she thought held something familiar but could not place. She did not reply and a moment later the hail was repeated. Then the spotlight came into play again, searching her immediate vicinity. Her already quick-beating heart began to race and she sought to shrink still closer to the ground. The shaking weeds betrayed her and abruptly the light picked her out.

THE DRIVER of the car left the light upon her, got out and came over to the edge of the ditch.

"I knew I'd seen a girl walking along ahead of me. What did you want to hide for?"

She rose to her feet but made no move to quit the ditch, although he bent over and stretched out his hand.

"Because I wanted you to pass on," she said, answering his question. "There's nothing to keep you from doing it now, is there?"

"Only you. It doesn't seem hardly fair to drive away, leaving a lady standing alone in a ditch in the middle of the night. You're going to Clermont, aren't you?"

"Yes."

"Here's where you ride the rest of the way. Give us your hand. Pass up the suitcase first."

"I'd much prefer to have you go on about your business and let me walk."

"Not much. Where would our well-known Southern chivalry be then? Pass up the suitcase."

She hesitated but a moment. He spoke like a gentleman and of chivalry. Surely there'd be no danger. She held the suitcase up to him, felt it taken from her and her hand grasped in the same moment and was drawn up the bank full into the glare of the spotlight. She bent her head to keep the light from her eyes.

"Here, here. No fair." His hand touched her under the chin, pressed her head upward. "Oh!" A new note, of respect it seemed to her, came into his tones. "It's Lois Sylvester, isn't it? You know me. Herbie Coles."

THAT accounted for the familiar something in his voice. She did know him, had been a schoolmate of his for one term at the high school. The fact that it was he disturbed her. The Coles' lived over beyond Clermont, had plenty of money, but, in the language of the negroes, were not "quality folks." Herbie, she had heard, was "wild."

He tossed the suitcase in the tonneau, helped her into the seat beside the driver's and got in himself.

"Running way?" he asked presently.

"Oh, no. Just going away for a few days on a visit."

He laughed shortly. "I wouldn't have guessed it, your walking to town, carrying your things, when Phineas Blair has a car and money besides. I'll bet he doesn't know you're going."

She did not answer.

"There, I knew it," he said triumphantly. "You are running away. Going off on your own, aren't you?"

"On my own, yes, but not running away. I'm of age and free to do as I like, I believe."

"You'll find it involves paying as you go."

"Paying?"

"Yes. This ride, for instance."

"Oh, you want me to pay for it?"

"Absolutely. I'm saving you a long walk. Three miles, anyhow, and hauling your suitcase besides. But I'll let you off easy. One little kiss and we're square."

She drew away from him toward the side of the car.

"COME on, girlie. What's a kiss between old friends, schoolmates and all that? Absolutely nothing. Pucker up your lips."

"No."

Suddenly he threw out the clutch, guided the car to the side of the road and brought it to a stop.

"Do I get that kiss?" he demanded.

"Certainly not."

"I'm going to take it, anyhow." His arms suddenly went about her shoulders and drew her to him. His other hand caught the back of her head and held it while he pressed his own burning lips to hers. She began to struggle, to hammer him with her little clenched fists. One of them caught him flush in the mouth so that he released her and before he could seize her again she had opened the door and left the car.

Her toe came in contact with a large stone and she bent quickly and picked it up.

"Drop that!" commanded Herbie Coles sharply.

Instead she drew back her arm. "If you get out of that car I'll smash your face with it," she threatened.

Evidently he was convinced that she meant it. He dived into the tonneau and hurled her suitcase out into the road. "Now you can walk, you damned little goody-goody," he said venomously and threw the car into gear.

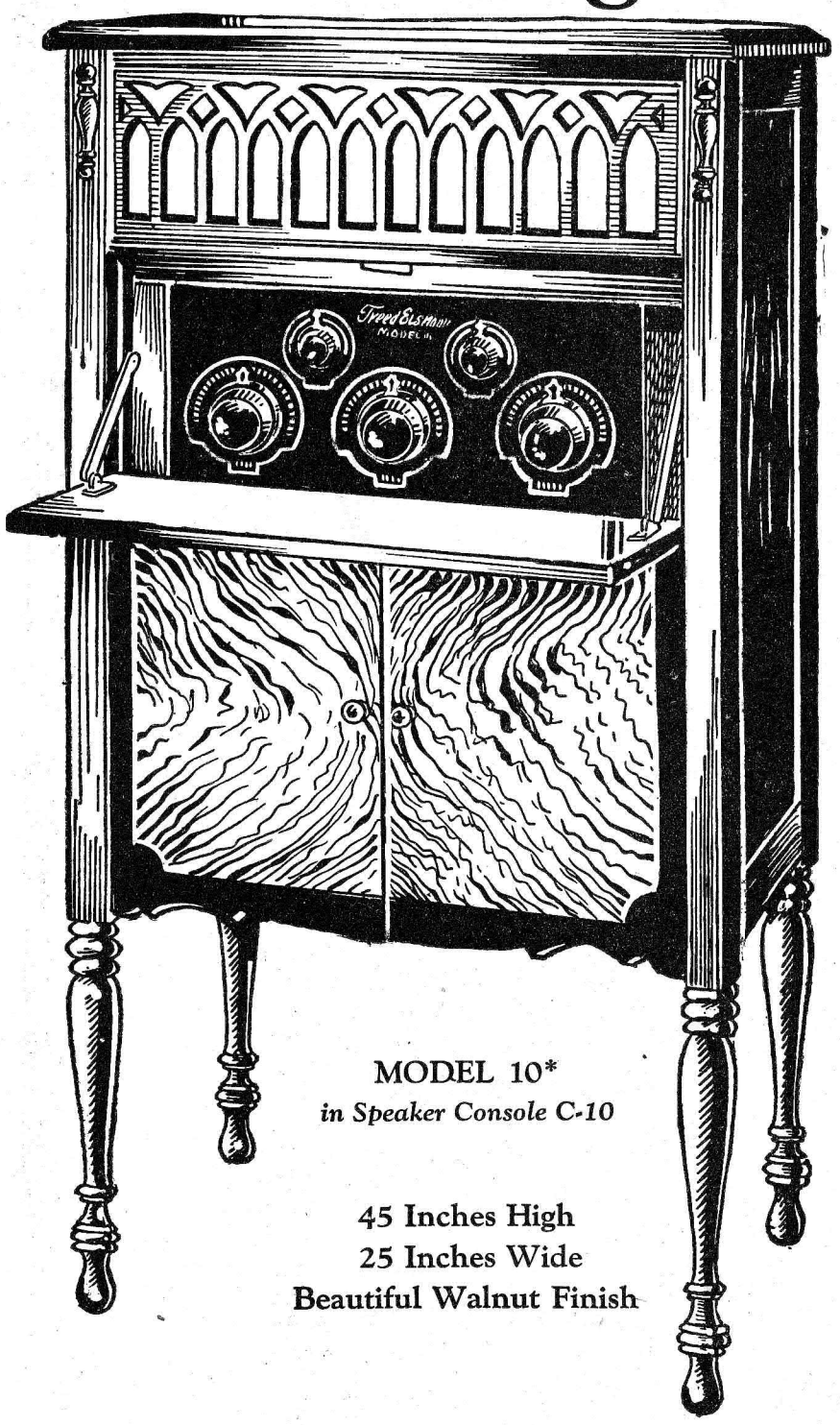
Lois made a little face toward the swirl of dust which marked his retreat. "You had a nerve to boast of Southern chivalry," she said half-aloud. "But then, you're only trash, after all."

Before she picked up the suitcase and trudged off in the direction of Clermont again she got out a handkerchief and scrubbed her lips. His had not been the first kiss she ever had received from the opposite sex, but it was the first of its kind. The others had been chaste salutes implanted upon her lips at parties or the like and had meant nothing. His had burned her, had been shot through and through with an implication of something behind it. She had not realized that so much could be conveyed by the touching of lips.

THE ENCOUNTER had not frightened her. Her feeling, rather, was one of indignation that Herbie Coles, nobody in particular for all that his folks had money, had dared to affront her. She was a Sylvester, for all that she was little more than a servant in the house of Phineas Blair. One did not paw a Sylvester or kiss her against her will. Other boys always had treated her with

FREED EISEMANN

Makes a great merchandising SCOOP!



MODEL 10*
in Speaker Console C-10

45 Inches High
25 Inches Wide
Beautiful Walnut Finish

$95 list

Full Size Console!

A FIVE tube set in a Speaker Console! Wired for power tubes. Battery cable included. Never before such a high quality name built into a full-size Speaker Console at such a price! This amazing value has startled the radio industry! Price $95.

This set is taking the country by storm!

and besides—Shielded, Single Control

The last word in Radio

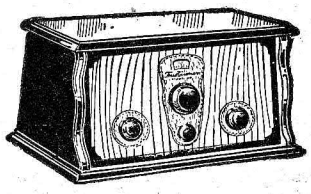
Now for the first time 8 tubes—Hazeltine Neutrodyne and Latour inventions combined! Gets great distances on balanced loop alone. Four stages Neutrodyne radio frequency. Single control! Each stage individually shielded, and elements of each stage intershielded from each other. Razorsharp selectivity! Volt-meter shows "A", "B" and "C" voltages on each tube separately. The last word in radio! Price $385.

MODEL 40*

SIX tubes, metal shielded, single control! Three stages radio frequency! Panels embellished with beautiful embossed plates! Built like a fine motor-car on a chassis of pressed steel. A set that would usually sell in the hundreds now offered at this remarkable price, which has revolutionized price standards. We will never be able to build enough of them. Get your order in today for an early delivery! Price $85.

Licensed under a group of Latour patents

$85



MODEL 40*

All sets can be run from Alternating house current with Freed-Eisemann power unit.

FREED-EISEMANN RADIO CORP.
Brooklyn New York

the respect amounting almost to awe that is accorded the first families of the South. Something of the same had crept into Herbie Coles' voice when he had discovered her identity. Later, of course, he had grown bold, taken advantage of what he believed to be her helplessness, but—

"I showed him I knew how to take care of myself," she said proudly.

Leisurely as was the pace which she set herself, she came into the outskirts of Clermont before dawn. Occupants of the frame houses she passed were still wrapped in slumber as she walked along a tree-shadowed street that eventually brought her out upon the public square about the court house.

The lights of a little all-night restaurant beckoned her. It was deserted save for a combination cook-waiter with a funny little white cap askew on his head who dozed behind the counter. He came wide-awake with a start and gaped at her as if unwilling to believe what he saw. Then he became bustlingly active, and having taken her order and filled it sought to start small talk.

FATIGUE was beginning to creep upon her so she sought to discourage him by short replies. No whit discouraged, he rattled on and to get away from him she hurriedly finished the meal, paid her bill and, the suitcase grown heavy at last, went across the street and sat down upon a wooden bench on the court house lawn. She propped her elbow upon the suitcase, cradled her cheek in her palm and drifted into sleep.

She awoke with a start some time later. People were astir in the streets, business was coming to life about the square. Hurriedly she got up and found a place where she could catch a glimpse of the big-faced clock in the court house tower. Eight o'clock. Her train was due in fifteen minutes and the station was at the foot of one of the streets running into the square. Four blocks, but, thank goodness, it was down-hill.

She was still a good half-block away when a locomotive whistled and she broke into a run. To miss the train now— A moment later a line of passenger coaches slid into view, crossing the end of the street down by the station. They were going in the wrong direction, however, so that she knew it must be the northbound express. It would meet the local she intended to take, no doubt. She left off running but continued to walk fast, her ears tuned to catch another whistle.

It had not sounded when she set foot upon the end of the wooden platform of the station and set down the suitcase to arrange her dishevelled self and catch her breath before proceeding to the station itself to buy her ticket for Kaneville.

Then she chanced to look up and what she saw made her look wildly around her for a way of escape. Not more than fifty yards away Phineas Blair was stalking along the platform toward her.

CHAPTER III

Rescue

WHITE-FACED and trembling, as incapable of movement as if she had been turned to stone, Lois watched her step-father's long strides eat up the distance between them. The set of his shoulders, the way he moved his heavy feet down upon the platform, spoke of an attitude as inexorable as doom itself. What would he say, what do, when they came face to face?

Suddenly he turned off into the station house. A great sigh of relief welled up between her lips. He had not seen her, evidently. Now, if ever, was her chance to foil him. The paralysis induced by the shock of discovering that he had trailed her vanished as instantaneously as it had come. She glanced swiftly about her.

The observation car of the express had come to a stop just opposite where she stood. She seized the suitcase, jumped off the platform, fled across the rails and darted around the end of the car. It's heavy trucks seemed to offer a screen from those on the platform and she halted beside them. For the moment she was safe. If Blair did not find her before the local arrived she could board it from the off-side, between it and the express, and proceed to Kaneville. Not seeing her get on, he wouldn't be likely to search it.

Two cars ahead a bare-headed young man stood beside the express, chucking stones at a telegraph pole on the edge of the right-of-way. Suddenly he desisted, stared a moment in her direction, then came toward her. As he approached he opened his mouth as if to speak but closed it again when she laid a finger across her lips and flashed him a look of pleading. He nodded and went on past her around the end of the car.

AT ONCE a voice hailed him from the platform: "See anything of a young woman around on that side, mister?"

"A woman? What kind of a woman?" countered the man off the train.

"A two-legged woman, with two eyes, two ears, one nose—"

"Funny, aren't you?" interrupted the other. "You ought to go on the stage."

"Now, you listen, young feller—"

"All right, you're forgiven. But tell me, what would a woman be doing around there, officer?"

Officer! Lois' heart skipped a beat. Blair had invoked the aid of the law. How could he? What had she done?

"Thought maybe she might be hiding, waiting for the local, figuring she's board it from the far side."

"I see. What's she done?" The man so cleverly evading the questions of the man he had called officer had put the one she wanted answered.

"That's none of your business," broke in Phineas Blair's voice. "What she's done makes no difference so long as she isn't around there. We'll have to search the train, Jed."

"Now, what good would that do? You ain't got no legal right to stop her and you know it. And I won't search no train. I told you I'd see if she got on from the far side and that's what I'll do and no more."

Lois picked up her suitcase and began edging away. When the express pulled out she would hide at the foot of the embankment until everything was quiet about the station, then—

The open vestibule by which the young man had descended gave her a new idea. Why not board the express, ride to the junction down the line and take the late afternoon train back to Kaneville?

SHE WAS struggling to throw the suitcase into the vestibule when the young man came back on a run. He took it from her and tossed it up the steps.

"Hurry, we're about to pull out," he said, put his hands under her arms and boosted her on. Then he swung aboard himself as the wheels began to move.

"Close work," he said with a laugh. "Now that you're aboard, what next?"

She explained that she intended to ride to the junction.

"You won't if the conductor sees you. This train isn't supposed to pick up passengers like this, you know. Some kind of fool interstate law. This conductor of ours is a crab. It would be like him to stop the train, put you off—"

"Oh!" Tears welled up into her eyes. The physical and mental strain she had undergone were telling on her.

"Here, here, don't start crying," he begged hastily. "I imagine I can fix things if—how game are you?"

"I'm beginning to get desperate."

"In that case—come along. Better cross your fingers, though—for luck. If we're caught—"

He picked up the suitcase and led the way into the Pullman. Not without trepidation she followed past the curtained door of the smoking room to the end of the narrow passageway into car proper. He took quick survey of the high-backed seats, then quickly opened a door marked "Drawing Room A" and motioned her to enter. When he had followed he closed the door and threw the catch that locked it.

SHE CLUTCHED at his arm. "Why did you do that?"

"To keep out intruders," he explained. "Neither the conductor nor the porter is at all likely to come, but I've friends on the train who might take it into their heads to drop in. If the door is locked they'll go away again."

"I see. It's very kind of you and I'm deeply grateful."

"Please! It's nothing at all and I'm glad to have you here, even if it's only as far as the junction. I knew this was to be my lucky day. Back there when I got off to stretch a bit before breakfast I found a four-leaf clover."

"It's good luck seems to extend to me as well," she replied entering into his whimsicality. Then she sobered: "Do you know, I don't feel quite right about this—riding without paying my fare, I mean. It seems like stealing, and only last night"—she frowned at the recollection—"I was told that being on my own I must expect to pay my way."

"Not this time. You needn't worry about defrauding the company, either. To get this drawing room I had to buy two full tickets. You're merely riding part of the distance that the unused one calls for. But—ethics are boresome subjects. Let's talk about the most interesting thing in the world—ourselves. To begin with, I'm Raymond Lancaster and my home's in Chicago."

"And I am Lois Sylvester from Paradise."

"I believe it; the Paradise part. Small town, I suppose? Sylvester means 'born in the country.' And Lois—'good,' 'de-

(Continued on page 18)

DON'T THROW AWAY YOUR RECEIVER YET

"EVERYTHING'S GOING TO BE ALL RIGHT" IN 1933

Dr. J. H. Dellinger Tells About Sun Spots and How They Spot Up Reception

WASHINGTON.—Cheer up! From 1928 to 1933 Radio reception conditions should improve, reaching their best in the latter year.

So speaks the bard of the bureau of standards, Dr. J. H. Dellinger, in explaining to the layman the sun-spot Radio interference theory, which observations have practically proved correct.

During the first part of 1926 experienced listeners will recall that reception conditions were below par and quite freakish. Dr. Dellinger explains as follows:

"Sun spots throw out enormous eruptions of electrons and other electrical particles some of which reach the earth's atmosphere. When the sun spots are particularly intense, Radio reception is apt to be disturbed and poor. This has not been conclusively proved, but seems to be indicated by such observations as have been made.

From Bad to Worse, Then Good

"The sun spot cycle is eleven years, that is, there is a minimum of spots on the sun for a time, after which they gradually increase and pass through a maximum and return to a minimum, the whole occupying eleven years. The last sun spot minimum was in 1922 and it would be inferred, therefore, that Radio reception at its best in 1922, should be progressively worse to 1928, and that in succeeding years reception conditions should improve and be at their best again in 1933.

"It will be interesting to see whether this occurs and whether future observations on sun spots will show a closer correlationship with Radio reception conditions."

Musicians Operate WLWL

NEW YORK.—Every member of the staff of Station WLWL of New York who has any monitoring of programs to attend to is a trained and accomplished musician.

IMPERIAL IMPS TRY TO BECOME ANGELS

NEW YORK.—The Radio adudience nearly lost two of their favorite entertainers in a recent railroad catastrophe in New Jersey. The Imperial Imps, featured Wednesday nights at WJZ, were seated in one of the cars of a train which met with an accident, but in spite of the fact that they were severely shaken up and sustained minor cuts and bruises, they escaped serious injury.

Snappy "Air Copy" Is Promised

WASHINGTON, D. C.—Sam Pickard, chief of the Radio bureau of the United States department of agriculture, has added two new trained writers to his editorial staff. They are Miss Josephine Hemphill of Kansas and Solon R. Barber of Utah. Both have had practical experience in writing for metropolitan and rural readers. Samples of their products are to be distributed to the broadcasting stations within the next few days.

Greenwich Village Is Invaded by Radio Men

Promoter Irwin Buys "Club Circus" and Re-Opens

NEW YORK.—Greenwich Village has been invaded by the Radio industry. G. Clayton Irwin, Jr., has purchased the Club Circus, 160 W. Fourth street, at the corner of Sixth avenue.

Mr. Irwin will conduct the Club Circus on a more lavish and impressive scale, and alterations will be made to enhance the exterior as well as the interior. The dance floor is the largest in Greenwich Village. The finest artists will furnish entertainment every evening. The Club Circus will become the New York entertainment headquarters of the Radio industry.

Mr. Irwin is general manager of the Radio World's Fair, now on in New York city, and of the Chicago Radio show—the principal expositions conducted officially on behalf of the Radio industry by Mr. Irwin in partnership with U. J. Herrmann, New York and Chicago showman.

WOK AMBITIOUS; GETS SUPERPOWER STATION

20,000 Watts Power and Improved Antenna Are Added

CHICAGO.—After broadcasting a year on 5,000 watts power, Station WOK of Homewood, near here, will step into the real superpower class within the next few weeks, according to Norman E. Wunderlich, chief engineer.

This will be done by installing a 20,000-watt transmitter, more than doubling the height of the antenna towers, and using a new type of antenna designed to greatly increase signal strength. The new towers will be 200 feet high.

In addition, WOK has just completed the installation of an 8,000-watt transmitter, which will be used for experimental purposes and in emergencies.

The new antenna will be in the form of an inverted cone. This antenna was designed by Prof. J. T. Tykociner of the University of Illinois, who declares that experiments have demonstrated that this cone type of antenna will improve radiation efficiency about fifty per cent.

"GOODY GOODY GIRL"

(Continued from page 16)

sirable.' I think you live up to it; the desirable part, at least."

Under his quizzical eyes she flushed. "I'm good, too," she said quickly, then hurried on: "Your name, what does it mean?"

"Raymond means 'wise protector.' Haven't I lived up to it? Didn't I protect you back there from the yokel with the pirate mustaches and the big tin star—"

"THAT would be the constable, Sim Pruitt," she chuckled, recognizing the description. "The other was my step-father."

"Who had no legal right to stop you but was going to, anyhow, eh? He looked about as amiable as a hungry crocodile. I suppose you're running away from his brutalities, or is it that you're going to meet a man?"

"Neither. I have no sweetheart and Phineas wouldn't dare to beat me. I'm a Sylvester, you know—of the Sylvesters," as if that explained everything. "And I'm not exactly running away, either, just asserting my independence by going off on a visit to a girl I used to sit with in school. I'm coming back in a few days. Phineas told me I couldn't, so last night as soon as he went to sleep I slipped away, walked to Clermont, back there where I got on—"

"Good Lord! You've been up all night? Why, you must be dead on your feet. No breakfast, either, I suspect—"

"Oh, yes, in a restaurant when I got to town, but," she smiled wanly, conscious of her weariness, "I am tired."

"Look here," he said, getting to his feet, "why don't you go in there," indicating the washroom, "bathe your face and hands, change your things if you wish, then lie down here on the lounge? I'll run along to the diner, have my breakfast and come back in time to see you off at the junction. How's that?"

"Fine," she assented. "A wash and a brush-up, to say nothing of a chance to stretch out for even a little while—"

"I'm off, then. You'd best get over there, out of sight, while I open the door. No one's likely to disturb you. Ah, coast's clear. So long."

He slid through the half-opened door and she threw the catch.

"WHAT a gentleman he is," she mused as she ran water into the washroom basin. "Not like Herbie Coles at all."

Raymond Lancaster, she guessed, was somewhere in his early thirties. Well-to-do, if she was any judge. His neat, well cut clothing was expensive, though quiet. There was something, too, about his clear cut features, the eager blue eyes, the way he carried his head, that spoke of birth and breeding. She didn't feel in the least frightened with him, for all she was doing a most unconventional thing and one that would have shocked folks back in Paradise—Miss Wexby, for example—within an inch of their lives.

"I don't suppose I'll ever see him again after I get off at the junction," she said as she lay down upon the lounge and was conscious of a tinge of regret that it was to be so. She sighed with comfort, relaxed and closed her eyes, listening to the clickety-clack of the wheels on the rails.

"My God, wake up—quick!" she heard a voice saying in her ear, but a moment later it seemed. She opened her eyes to find Lancaster bent over her, his hand on her shoulder.

"I must have fallen asleep," she said smiling brightly at him.

"Asleep! God! I thought you were dead. You'd locked the door . . . I tried to arouse you without letting everyone in the car know . . . I was almost frantic . . . finally bribed the porter to use his key—"

SHE SAT up quickly, wide-awake now, and his white face aroused a pang in her. "Oh, I'm sorry," she said contritely. "I had no idea of falling asleep, but I was so tired. Are we near the junction?"

"The junction!" he almost shouted. "Don't you realize you've been asleep for hours? We passed the junction a hundred miles back and now—"

She gave a little cry of dismay and one hand fluttered to her breast. "What a lot of trouble and worry I've caused you."

"You don't know the half of it. The worst is yet to come. You can't get off this train until we cross the state line into Illinois. Quarantine. There was an outbreak of yellow fever, almost an epidemic, down in New Orleans. That's why the train is so crowded. Everybody running away. This state has quarantined against everybody coming from down that way. Nobody can leave the train. Can't even have the windows up. Men with rifles and shotguns at every station—look here, is there anybody back home to be alarmed or worry or start a search—"

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SONG CENSUS TELLS FAVORITE NUMBERS

McQUHAE REQUESTS SHOW LIKES OF LISTENERS

Irish Tenor Builds Programs to Please —Finds Old Sentimental Compositions Most Popular

NEW YORK.—A national census of songs that live is being made by Allen McQuhae, Irish tenor, who conducts the Sunday evening Atwater Kent Radio concerts this summer. The songs of the series are chosen from requests from listeners. The census is expected to reveal not the "hits" of the day, which, after a wave of popularity die out, but the songs that live through the years.

Mr. McQuhae's list of songs requested already runs far above five hundred. To sing all of them he estimates it would take him more than six months in half hour weekly concerts. He selects those, however, for which he receives the greatest number of requests each week and places them on his Sunday evening program.

For example, Mr. McQuhae says no one has yet asked him to sing "Yes, We Have No Bananas," while hundreds have requested such fine old favorites as "Silver Threads Among the Gold," "When You and I Were Young, Maggie," and "Believe Me If All Those Endearing Young Charms."

Sentiment Is Popular Motive

Requests for the songs popular during the late war are not numerous and as yet only one man has asked Mr. McQuhae to sing "The Star Spangled Banner."

Mr. McQuhae's census is expected to be an excellent guide for ambitious song writers as to theme and character. Sentiment is shown to be the prevailing motive in the songs most called for, with the themes of lost sweethearts, mothers who have gone and inspiring songs of religious character predominating.

"Danny Boy" led in popularity for the concert sung by McQuhae August 22. "The Last Rose of Summer" led in popularity for the concert August 29, followed closely by "Killarney" and "Duna," with "Because" and "Then You'll Remember Me" sharing honors for third place in the esteem of listeners.

HERE'S LATEST ONE ON COWS AND MUSIC

LONDON, England.—Recently a small Cheshire farmer, who kept a herd of Jerseys, made the discovery that the cows both yielded better and were more easily handled when they were milked to music. Prior to the introduction of music he had noticed that at milking time they had frequently been awkward to handle. A phonograph has since been replaced by a Radio installation which has been found equally if not more effective.

Probe Alleged Radio Monopoly

WASHINGTON, D. C.—Officials of the Federal Trade Commission will proceed with the taking of testimony in the so-called Radio monopoly case at Seattle, Wash., on September 27. The testimony will be taken later at San Francisco.

NEW LINK IN EAST BEGINS OPERATING

Embraces WNAC, WEAN, WLWL, WRNY and WODA —Toll Programs Object

NEW YORK.—Five prominent Eastern broadcasting stations have hooked up for chain broadcasting service beginning this month, according to an official statement issued by the Commercial Broadcasting corporation from their offices here.

The participating stations are WLWL and WRNY of New York city, WNAC of Boston, WEAN of Providence, R. I., and WODA of Paterson, N. J. Negotiations are now under way to secure additional tie ups with stations in Philadelphia, Baltimore and Pittsburgh; while two Chicago stations have expressed a desire to join the chain as soon as wire facilities have been extended that far west. A two-way land wire system permits a complete interchange of programs originating at any station of the chain and rebroadcast by all other member stations.

Richard E. O'Dea, president and program director of the Commercial Broadcasting corporation, has owned and operated Station WODA for more than two years. William F. Hart, vice-president in charge of the contract department, has been connected with Stations WHN and WGCP as commercial manager for the past three years.

New "Big Brother" at KPO

SAN FRANCISCO.—A group of additions and changes in the staff of KPO have been announced. John Ames Keough becomes "Big Brother," succeeding L. R. Tucker, who will leave KPO. Keough is well known to the followers of "Big Brother," having conducted the hour for several months about a year ago. Albert J. Hodges, Radio engineer of many years' experience, has been named chief technician and Robert A. Lilly has been appointed special representative. Clair E. Morrison, announcer, has been given the additional duties of studio manager.

AN EVENING AT HOME WITH THE LISTENER IN IN EASTERN (OR CENTRAL DAYLIGHT) TIME

Call	Location	Met.	Kc.	Saturday	Sunday	Monday	Tuesday	Wed.	Thursday	Friday
AT9	Fort Bragg..	435	690	Silent	6:00- 7:00	Silent	Silent	Silent	8:00- 9:55	Silent
CFCA	Toronto....	356.9	840	8:00- 9:00	6:00- 9:30	Silent	Silent	Silent	Silent	Silent
CFCN	Calgary.....	356.9	690	12:00- 2:00	Silent	Silent	Silent	Silent	10:30-11:00	Silent
CJCA	Edmonton..	434.5	580	11:00- 1:00	9:30-10:30	9:30-11:30	9:30-10:00	8:00-10:00	11:00- 1:00	10:00- 1:00
CKAC	Montreal...	516.9	730	6:15-10:30	1:45- 2:45	Silent	6:15-10:30	Silent	7:30- 8:30	Silent
CKCL	Toronto....	410.7	840	6:00- 7:00	2:00- 3:55	Silent	6:00-10:50	Silent	6:00- 7:00	Silent
CKNC	Toronto....	356.9	840	Silent	Silent	8:00-10:00	Silent	Silent	7:00- 9:00	Silent
CKY	Winnipeg...	384.4	780	Silent	Silent	12:00- 1:00	Silent	10:00-12:00	10:00-11:00	Silent
CNRO	Ottawa.....	434.5	690	7:30-12:30	Silent	Silent	Silent	7:30-12:30	Silent	Silent
CYL	Mexico City.	480	625	Silent	10:24-11:54	Silent	10:24-11:54	Silent	Silent	10:24-11:54
CZE	Mexico City.	350	857	9:24-10:24	Silent	9:24-10:24	9:24-10:24	9:24-10:24	9:24-10:24	9:24-10:24
KDKA	Pittsburgh..	309.1	970	8:00- 9:55	Silent	5:30- 9:55	8:00-11:35	8:00- 9:55	8:00-11:15	8:00- 9:55
KFAB	Lincoln.....	340.7	880	6:30-11:30	5:00-12:00	6:30-11:30	6:30-11:30	6:30-11:30	Silent	6:30-11:30
KFDM	Beaumont..	315.6	950	Silent	9:00-10:00	Silent	9:00-11:00	Silent	Silent	9:00-11:00
KFH	Wichita....	267.7	1120	8:00- 9:00	Silent	8:00- 9:00	Silent	8:00- 9:00	Silent	8:00- 9:00
KFI	Los Angeles.	467	642	10 00- 4:00	10:00- 2:00	10:00- 2:00	10:00- 2:00	10:00- 2:00	9:30- 2:00	10:00- 2:00
KFJF	Okla. City..	260.7	1150	8:15-11:30	2:30-10:00	8:15-10:45	Silent	8:15-10:45	8:15-10:45	8:15-10:45
KFKX	Hastings....	288.3	1040	6:30- 7:30	Silent	6:30-12:00	6:30- 9:00	6:30-12:00	6:30- 9:00	6:30-12:00
KFNF	Shenandoah	461.3	650	8:00- 1:00	3:30-10:00	8:00- 1:00	8:00- 1:00	8:00- 1:00	8:00- 1:00	8:00- 1:00
KFOA	Seattle.....	454.3	660	12:30- 2:00	Silent	10:00- 1:00	9:00- 2:00	10:00- 1:00	Silent	9:00- 2:00
KFON	Long Beach.	232.4	1290	9:30- 3:00	9:30- 1:00	9:30- 3:00	9:30- 2:00	9:30- 2.00	9:30- 3:00	9:30- 3:00
KFOB	Fort Worth.	508.2	590	9:30-10:30	4:00 -9:30	9:30-10:30	9:30-10:30	Silent	9:30-10:30	9:30-10:30
KFUO	St. Louis...	545.1	550	8:45- 9:45	10:15-11:15	9:00-10:00	7:30- 8:30	10:15-11:15	Silent	10:30-11:30
KFVE	Univ'ty City	240	1250	10:15-11:15	Silent	10:15-11:15	10:15-11:15	10:15-11:15	Silent	10:15-11:15
KFWA	Ogden......	260.7	1150	11:00- 2.00	Silent	11:00- 1:00	Silent	11:00- 1:00	Silent	11:00- 1:00
KFWB	Hollywood..	252	1190	11:00- 2:00	12:00- 2:00	9:30- 2:00	10:00- 2:00	10:30- 2:00	11:00- 2:00	10:00- 2:00
KFWI	San Fran...	226	1330	Silent	11:00- 3:00	11:00- 3:00	Silent	11:00- 4:00	1:00- 3:00	11:00- 4:00
KFXF	Colo.Springs	250	1200	10:00-11:00	10:00-11:00	11:00-12:00	10:00-11:00	Silent	11:00-12:00	10:00-11:00
KGO	Oakland....	361.2	830	11:10- 4:00	7:00- 1:00	9:00- 1:00	9:00- 1:00	9:00- 9:55	9:00- 3:00	9:00- 9:55
KGW	Portland....	491.5	610	9:00- 3:00	10:30 -1:00	9:00- 3:00	9:00- 3:00	9:00-12:20	9:00- 3:00	9:00- 3:00
KHJ	Los Angeles.	405.2	740	9:30- 1:00	10:00- 1:00	Silent	9:30- 2:00	9:30- 2:00	9:30- 2:00	9:30- 2:00
KIAF	Sihtipok....	421	709	Silent	3:00- 4:00	8:00- 9:00	Silent	8:00- 9:00	Silent	8:00- 9:00
KJR	Seattle.....	384.4	780	9:00- 1:00	10:45- 1:45	9:00- 1:00	9:00- 1:00	9:00- 2:00	9:00- 3:00	9:00 -1:00
KLDS	Independ...	440.9	680	9:00-10:00	7:30-11:00	Silent	9:00-12:59	Silent	9:00-10:00	Silent
KLX	Oakland....	508.2	590	Silent	Silent	11:00-12:00	Silent	11:00- 1:00	Silent	11:00- 1:30
KMA	Shenandoah	461.3	650	10:00-12:00	5.00- 7:00	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00	10:00-12:00
KMMJ	Clay Center.	229	1310	9:00-10:00	9:45-10:45	9:00-10:00	9:00-10:00	Silent	9:00-10:00	9:00-10:00
KMOX	St. Louis...	280.2	1070	7:30-12:00	10:00-11:30	7:30-12:00	7:30-12:00	7:30-12:30	Silent	7:30-12:00
KNX	Hollywood..	336.9	890	10:30- 5:00	9:30- 1:30	9:30- 3:00	10:00- 4:00	10:00- 3:00	10:00- 3:00	10:00- 3:00
KOA	Denver.....	322.4	930	Silent	7:30-10:00	8:30-12:15	8:30- 9:30	8:30- 2:00	8:30- 9:30	8:30-11:00
KOIL	Council Blfs	305.9	980	8:30- 1:00	8:30- 1:00	7:03- 1:00	7:03- 1:00	Silent	7:03- 1:00	7:03- 1:00
KPO	San Fran...	428.3	700	8:30- 3:00	9:00- 1:00	9:00- 2:00	9-30: 2.00	9:30- 2:00	9:30- 2:00	9:30- 2:00
KPRC	Houston....	296.9	1010	8:30-11:00	4:00- 1:00	7:30-11:00	7:30-11.00	7:30-11:00	7:30-11:00	Silent
KPSN	Pasadena...	315.6	950	11:00-12:00	Silent	Silent	11:00-12:00	Silent	11:00-12:00	Silent
KSBA	Shreveport..	312.3	960	10:00- 1:00	8:00-12:00	10:00-12:30	10:00 -1:00	Silent	9:00-10:30	Silent
KSL	Salt Lake...	299.8	1000	10:00- 1:00	9:30-12:00	9:00- 1:00	9:00-12:30	9:30- 1:00	9:30- 1:00	9:30-12:00
KTAB	Oakland....	302.8	990	Silent	10:45-12:15	11:00- 1:00	11:00- 1:00	11:00- 1:00	12:00- 3:00	11:00- 1:00
KTBI	Los Angeles.	293.9	1020	Silent	10:15-12:30	Silent	11:00-12:00	Silent	11:00-12:00	Silent
KTCL	Seattle.....	305.9	980	Silent	12:10- 9:10	10:00-11:00	11:00-12:00	Silent	Silent	10:00- 3:00
KTHS	HotSprings.	374.8	800	10:00-11:00	10.10-11:00	10:00-11:30	10:00-11:15	10:00-11.00	10:00-11:00	10:00-11:00
KTW	Seattle.....	455	660	9:30-10:30	Silent	Silent	9:30-10:30	Silent	9:30-10:30	Silent
KVOO	Bristow.....	374.8	800	7:00-10:00	8:30-10:00	7:00-10:00	7:00-10:00	7:00-10:00	7:00-10:00	7:00-10:00
KWCR	Cedar Rapd.	278	1080	Silent	10:30-11:30	10:00-11:00	Silent	10:00-11:00	Silent	10:00-11:00
KWWG	Brownsville.	278	1080	Silent	Silent	9:30- 1:00	Silent	Silent	9:30- 1:00	Silent
KYW	Chicago....	535.4	560	6:30-12:00	9:30-12:00	Silent	6:30-12:00	6:30-12:00	6:30-12:00	6:30-12:00
NAA	Radio......	434.5	560	Silent	Silent	7:45- 8:00	7:45- 8:00	7:25- 8:40	7:45- 8:00	7:45- 8:00
PWX	Havana.....	400	750	8:30-11:00	8:00-10:15	8:30-11:00	8:30-11:30	8:00-10:15	Silent	Silent
WADC	Akron......	258	1160	9:00-10:00	Silent	9:00-10:00	7:50-11:00	9:00-10:00	9:00-11:00	7:50- 3:00
WAAM	Newark.....	263	1140	5:00-10:00	Silent	5:00-10:00	5:00-10:00	5:00-10:00	5:00- 6:00	5:00-10:00
WAHG	Richmond..	315.6	950	11:00- 1:00	Silent	6:30- 1:00	Silent	6:30-11:00	Silent	7:00-10:00
WAIU	Columbus..	293.9	1020	9:15-11:00	3:30- 7:00	6:00-11:30	6:00-10:15	6:00- 7:00	6:00- 7:00	6:00-10:00
WAMD	Minneapols.	244	1230	8:15-12:00	7:00-10:30	7:00- 1:00	Silent	7:00- 1:00	11:00-12:00	8:15- 1:00
WBAL	Baltimore..	246	1220	Silent	7:30- 8:30	6:30-10:00	6.30-10:00	Silent	6:30-10:00	6:40-10:00
WBAP	Fort Worth.	475.9	630	8:30-12:00	10:30-12:00	8:30- 1:00	8:30-12:00	Silent	8:30- 1:00	8.30-12:00
WBAR	Sisiht......	406	756	Silent	11:00-12:00	10:00-11:00	Silent	9:00-10:00	8:30- 9:30	Silent
WBBM	Chicago....	226	1330	8:00- 2:00	4:00- 2:00	Silent	8:00-12:00	8:00- 2:00	8:00-12:00	8:00-10:00
WBBR	Staten Isld.	272.6	1100	7:00- 9:00	8:00- 9:15	7:00- 8:00	Silent	Silent	7:00- 8:00	Silent
WBCN	Chicago....	266	1130	9:00- 1:00	5:00-12:00	Silent	9:00- 1:00	8:00-12:00	9:00- 2:00	9:00- 1:00
WBZ	Springfield..	333.1	900	6:00- 9:30	7:00-10:00	6:00-10:00	6:00-10:00	6:00-10:00	6:00-10:00	6:00-10:00
WCAE	Pittsburgh..	461.3	650	5:30- 8:30	3:00- 8:15	7:00-10:00	7:00-10:05	7:00-10:00	7:00-10:00	7:00- 9:30
WCAU	Philadelph..	278	1080	Silent	5:30- 7:45	6:30-10:30	6:30-10:00	6:30-11:00	5:30-11:00	6:30-10:00
WCBD	Zion.......	344.6	870	Silent	9:00-11:30	Silent	9:00-11:30	Silent	9:00-11:30	Silent
WCCO	Minn.-St.P.	416.4	720	7:15-12:05	5:10-11:35	7:15-11:00	7:30-11:00	8:00-11:00	7:00-11:00	7:15-12:05
WCOA	Pensacola..	222	1350	Silent	Silent	8:00-11:00	Silent	8:00-11:00	Silent	8:00-11:00
WCX	Detroit.....	516.9	580	6:00-10:00	8:00-10:00	6:00-10:00	6:00-11:00	6:00-10:00	6:00-10:00	6:00-11:00
WDAF	Kansas City	365.6	820	7:00- 2:00	5:00- 5:45	7:00- 2:00	7:00- 2:00	7:00- 2:00	7:00- 2:00	7:00- 2:00
WDBO	Winter Park	239.9	1250	7:25-11:00	7:30- 8:30	7:25-11:00	7:15-11:00	7:25-11:00	7:25-11:00	7:15-11:00
WDWF	Providence..	440.9	680	Silent	Silent	Silent	6:45- 7:00	6:45- 7:00	6:45- 7:00	6:45- 7:00
WEAF	New York...	491.5	610	5:00-11:00	2:00- 9:15	5:00-11:00	5:00-11:00	5:00-11:00	5:00-11:00	5:00-11:00
WEAN	Providence..	270.1	1110	5:30- 9:30	6:30- 7:45	5:30- 9:30	5:30- 9:30	5:30- 9:30	5:30- 9:30	Silent
WEAO	Columbus..	293.9	1020	Silent	Silent	Silent	7:00- 9:00	8:00- 9:00	8:00-11:00	Silent
WEBH	Chicago....	370.2	810	7:00- 2:00	5:00- 9:00	Silent	7:00-12:30	7:00-12:30	7:00-12:30	7:00-12:30
WEBJ	New York...	272.6	1100	Silent	Silent	Silent	7:00- 9:00	7:00- 9:00	Silent	7:00- 9:00
WEEI	Boston.....	348.6	860	Silent	6:20-10:15	5:00-10:30	5:00-10:30	5:00-10:00	5:00-10:00	5:00-10:30
WENR	Chicago....	265.3	1120	6:00- 2:00	2:00-12:00	Silent	6:00-10:00	7:00- 2:00	6:00-10:00	6:00- 2:00
WFAA	Dallas......	475.9	630	7:00- 1:00	7:00- 1:00	7:30-10:30	7:30- 2:00	Silent	7:30-10:30	7:30-10:30
WFBH	New York...	272.6	1100	10:30- 1:00	4:00-10:00	10:30- 1:00	10:30- 1:00	10:30- 1:00	10:30- 1:00	10:30- 1:00
WFI	Philadelphia	394.5	760	Silent	6:30- 7:30	5:30- 6:30	5:45-10:30	5:45- 6:45	5:45-10:00	5:45- 6:45
WGBF	Evansville...	236.1	1270	Silent	Silent	Silent	8:00-10:00	Silent	Silent	8:00-10:15
WGBS	New York...	315.6	950	5:00-10:30	7:00- 8:00	6:00- 6:15	5:00-10:30	5:00- 7:30	5:00- 7:45	Silent
WGCP	New York...	252	1190	7:30-11:00	2:00- 5:00	8:00-10:30	Silent	6:00- 8:15	9:30-12:00	6:00- 8:10
WGES	Chicago....	250	1200	5:00- 1:00	5:00- 2:00	5:00- 7:00	5.00- 1:00	5:00- 1:00	5:00- 1:00	5:00- 1:00
WGHB	Clearwater..	266	1130	Silent	Silent	8:30-10:00	Silent	8:30-10:00	Silent	8:30-10:00
WGHP	Detroit.....	270	1110	Silent	Silent	6:00-10:00	6:00-10:00	6:00-10:00	6:00-12:00	6:00-12:00
WGN	Chicago....	302.8	990	6:05-11:00	6:15-11:00	Silent	6:01-12:00	6:45-12:30	6:45-11:00	6:45-11:00
WGR	Buffalo.....	319	940	7:30- 9:00	6:45- 8:45	7:45-12:00	5:30-10:30	5:30- 9:00	5:30-10:00	6:00-12:00
WGY	Schenectady	379.5	790	6:30-10:30	6:05-10:00	Silent	6:30- 9:30	6:00- 8:15	5:30-11:30	5:30-10:30
WHAD	Milwaukee..	275.1	1090	7:00- 8:00	4:15- 5:15	7:15-11:00	7:10-10:30	7:10- 1:30	7:10-10:30	7:10- 7:55
WHAR	Atlantic City	275.1	1090	6:30- 8:00	6:50- 9:00	6:30-11:00	6:30- 8:00	Silent	6:30-11:00	6:30- 8:00
WHAS	Louisville...	399.8	750	8:30-10:00	5:30- 6:30	Silent	8:30-10:30	8:30-10:00	8:30-10:00	8:30-10:00
WHAZ	Troy.......	379.5	790	Silent	Silent	9:00-12:00	Silent	Silent	Silent	Silent
WHB	Kansas City	365.6	820	Silent	9:00- 2:00	8:00- 9:00	8:00-11:00	8:00- 9:00	8:00-11:00	8:00- 9:00
WHN	New York...	361.2	830	Silent	6:30- 8:45	5:30-11:30	6:39-10:00	6:00-11:00	6:00-11:00	6:30-11:30
WHO	Des Moines.	526	570	Silent	6:00- 9:30	8:30-10:00	8:30-10:00	7:00-12:00	8:30-10:00	8:30-10:00
WHT	Chicago....	399.8	750	7:00- 1:00	7:00- 1:00	Silent	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00
WIBO	Chicago....	226	1330	6:00- 8:00	6:00-12:00	Silent	6:00- 2:00	6:00-12:00	6:00- 2:00	6:00- 2:00
WIP	Philadelphia	508.2	590	7:15-11:05	6:15-10:30	5:05- 7:00	5:05-10:30	5:05- 7:00	5:05-11:00	5:05- 7:00
WJAR	Providence..	485.1	618	Silent	6:20- 9:15	7:30-10:00	7:00- 9:00	7-00-10:00	7:20-10:00	7:35-10:00
WJAS	Pittsburgh..	275.3	1090	7:00-12:00	Silent	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00	7:00-12:00
WJAX	Jacksonville	336.9	890	8:00-10:00	7:30- 8:30	8:00-10:00	8:00-12:00	8:00-10:00	8:00-12:00	8:00-10:00
WJAZ	Chicago....	329.5	910	Silent	Silent	Silent	Silent	Silent	11:00- 1:00	Silent
WJJD	Mooseheart.	370.2	810	5:30- 1:00	2:30- 4:00	Silent	5:45- 1:00	5:45- 1:00	5:45- 1:00	5:45- 1:00
WJR	Pontiac.....	516.9	580	7:00-12:30	8:00-11:00	7:00- 9:00	7-00- 9:00	7:00- 1:00	7:00- 9:00	7:00- 9:00
WJZ	New York...	454.3	660	6:05-10:30	6:05- 9:30	6:05-10:30	6:05-10:45	6:05-10:30	6:05-11:00	6:05-10:30
WKAQ	San Juan...	340.7	880	Silent	Silent	Silent	Silent	7:00- 9:00	7:00- 9:00	7:00- 9:00
WKRC	Cincinnati..	422.3	710	10:00-11:15	5:45-11:15	5:00-12:00	9:00-11:45	5:00-12:00	9:00-11:15	Silent
WLIB	Chicago....	302.8	990	7:00- 1:00	5:00- 6:15	Silent	7:00- 1:00	7:00- 1:00	7:00- 1:00	11.00- 1:00
WLIT	Philadelphia	394.5	760	Silent	Silent	7:00-10:45	6:30- 7:30	7:30-10:00	6:30- 7:30	7:00-11:00
WLS	Chicago....	344.6	870	7:15- 1:00	7:00- 8:55	Silent	6:40- 7:55	6:40- 1:00	6:40- 7:55	6:40-11:00
WLW	Cincinnati..	422.3	710	7:00-10:00	4:00- 9:30	7:00-11:00	7:00-10:00	7:00-12:00	7:00- 1:15	Silent
WLWL	New York...	288.3	1040	Silent	6:00- 7:00	7:00- 9:00	Silent	Silent	7:00- 9:00	Silent
WMAK	Lockport...	265.5	1130	6:00- 7:30	6:00- 7:00	5:15- 8:00	Silent	6:30- 9:00	Silent	6:15- 9:30
WMAQ	Chicago....	447.5	670	6:00-10:00	Silent	Silent	6:00- 9:55	6:00- 9:55	6:00- 9:00	6:00- 9:55
WMBB	Chicago....	250	1200	7:00-11:00	3:00-11:00	Silent	7:00-11:00	7:00-11:00	7:00-11:00	7:00-11:00
WMBF	Miami Bea'h	384.4	780	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00	7:00- 1:00
WMC	Memphis...	499.7	600	9:30-10:30	Silent	9:30-10:30	9:30- 1:00	Silent	9:30-10:30	9:30- 1:00
WMCA	New York...	340.7	880	8:00-12:00	6:00- 9:00	8:00-11:00	7:00-11:00	8:00-11:00	8:00-11:00	7:00-10:45
WNAC	Boston.....	431	697	5:00-10:00	2:15- 7:45	5:30 -9:45	5:00- 8:00	5:00- 9:00	5:00- 8:00	5:00-10:00
WNYC	New York...	526	570	6:00- 9:30	8:00-10:00	6:35- 9:30	6:10-10:30	6:30- 9:30	6:35- 9:30	6:30- 9:30
WOAI	San Antonio	394.5	760	Silent	8:45- 9:45	9:30-10:30	9:30-10:30	9:30-10:30	9:30-10:30	9:30-10:30
WOAN	Lawrenceb'g	282.8	1060	Silent	10:00-11:00	10:00- 2:30	10:00-11:00	10:00-11:00	10:00-11:00	10:00-11:00
WOAW	Omaha.....	526	570	7:00- 1:00	7:00-10:00	7:00-11:00	7:00- 2:00	Silent	7:00- 2:00	7:00-12:15
WOAX	Trenton....	240	1250	Silent	8:30-10:30	Silent	Silent	Silent	Silent	Silent
WOC	Davenport..	483.6	620	10:00-11:00	9:00-11:30	Silent	7:30-10:00	8:00-11:30	Silent	9:00-10:30
WOI	Ames......	270.1	1110	Silent	Silent	8:30- 9:30	Silent	Silent	8:30- 9:30	Silent
WOK	Homewood.	217.3	1380	6:00-12:00	6:00-12:00	Silent	6:00-12:00	10:00-12:00	6:00-12:00	6:00-12:00
WOO	Philadelphia	508.2	590	6:30- 7:30	Silent	6:30-10:30	6:30- 7:30	6:30-10:30	6:30- 7:30	6:30-11:00
WOOD	Grand Rpds.	242	1240	9:00-11:05	Silent	9:00-11:05	9:00-11:05	9:00-11:05	Silent	9:00-11:10
WOQ	Kansas City	278	1080	9:00-12:00	9:00-10:15	Silent	9:00-10:00	Silent	8:00-10:00	Silent
WOR	Newark.....	405.2	740	5:15-11:00	Silent	5:15-11:00	5:15- 7:00	5:15-10:30	5:15- 7:20	5:15- 7:00
WORD	Batavia	275	1090	7:00-10:25	2:30-10:00	Silent	7:00-12:45	7:00-12:00	7:00-10:00	7:00-12:45
WOS	Jeffer'n City	440.9	680	Silent	Silent	9:00-11:00	Silent	9:00-11:00	Silent	9:00-11:00
WPG	Atlantic City	299.8	1000	5:45-11:00	2:15-10:00	5:45-11:00	5:45-11:00	Silent	5:45-11:00	5:45-11:00
WQJ	Chicago....	447.5	670	7:00- 3:00	3:00-10:00	Silent	7:00- 2:00	7:00- 2:00	7:00- 2:00	7:00- 2:00
WRC	Washington	468.5	640	7:00-12:00	4:00-10:00	5:00-10:00	7:00-11:30	7:00-10:00	7:00-11:00	7:00-11:00
WREO	Lansing....	285.5	1050	10:00-12:00	Silent	Silent	8:15-10:00	6:00- 7:00	6:00- 9:15	6:00- 7:00
WRR	Dallas......	245.8	1220	7:00-10:00	8:30-11:30	7:00-10:00	7:10- 8:00	Silent	7:10-11:30	7:10- 1:00
WRVA	Richmond..	256	1170	Silent	Silent	8:30-11:30	Silent	8:30-11:00	8:45- 1:00	7:00-11:00
WRW	Tarrytown..	273	1100	7:00-10:30	7:00-10:30	8:00-10:30	8:00-10:30	8:00-10:30	8:00-10:30	8:00-10:30
WSAI	Cincinnati..	325.9	920	7:45-10:30	7:45- 9:45	10:00-11:00	7:00-10:00	7:00-11:00	7:00-10:00	Silent
WSB	Atlanta.....	428.3	700	9:00- 1:00	8:30-10:15	9:00- 1:00	9:00- 1:00	11:45- 1:00	9:00- 1:00	9:00- 1:00
WSBC	Chicago....	238	1260	6:30- 4:00	6:30- 1:00	6:30- 7:00	6:30- 1:00	6:30- 1:00	6:30- 1:00	6:30- 1:00
WSM	Nashville...	282.8	1060	8:00-12:00	Silent	8:00-12:00	8:45-10:00	8:00-12:00	Silent	8:00-12:00
WSMB	New Orleans	319	940	9:30-11:30	Silent	9:30-12:30	Silent	9:30-11:30	9:30-11:30	Silent
WSUI	Iowa City...	483.6	620	Silent	10:00-11:00	9:00-10:00	Silent	9:00-10:00	Silent	Silent
WSWS	Chicago....	275.1	1090	6:00- 1:00	7:00- 9:30	Silent	6:00- 1:00	6:00- 1:00	6:00- 1:00	6:00- 1:00
WTAG	Worcester...	545.1	550	Silent	8:15- 9:15	5:00- 7:00	5:45- 9:30	5:30- 9:00	5:45- 9:00	5:00-10:00
WTAM	Cleveland...	389.4	770	6:00-12:00	7:00- 9:30	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00	6:00-12:00
WTIC	Hartford...	475.9	630	7:30- 8 30	Silent	6:30-10:30	6:30-10:00	6:30-10:00	6:30-10:00	6:30-10:00
WWJ	Detroit.....	352.7	850	7:30- 8:30	6:20- 8:45	6:00-10:00	6:00- 8:00	6:00- 9:30	6:00- 8:00	6:00-10:00

STATIONS IN ORDER OF WAVE LENGTHS

Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call	Meters	Call
217.3	WOK	265.6	WMAK	296.9	KPRC	348.6	WEEI	405.2	WOR	475.9	WBAP
222	WCOA	268	KFH	299.8	KSL	350	CZE	406	WBAR	475.9	WTIC
226	KFWI	270.1	WEAN	299.8	WPG	352.7	WWJ	410.7	CKAC	475.9	WFAA
226	WBBM	270.1	WGHP	302.8	WGN	356.9	CFCA	416.4	WCCO	480	CYL
226	WIBO	270.1	WOI	302.8	WLIB	356.9	CKCL	421	KIAF	483.6	WOC
229	KMMJ	272.6	WBBR	302.8	KTAB	356.9	CKNC	422.3	WLW	483.6	WSUI
232.4	KFON	272.6	WEBJ	305.9	KOIL	361.2	KGO	422.3	WKRC	485.1	WJAR
236.1	WGBF	272.6	WFBH	305.9	KTCL	361.2	WHN	428.3	WSB	491.5	KGW
238	WSBC	273	WRW	309.1	KDKA	365.6	WDAF	428.3	KPO	491.5	WEAF
240	KFVE	275.1	WHAD	312.3	KSBA	365.6	WHB	431	WNAC	499.7	WMC
240	WOAX	275.1	WHAR	315.6	KFDM	370.2	WEBH	434.5	CNRO	502.8	KFQB
242	WOOD	275.1	WORD	315.6	KPSN	370.2	WJJD	434.5	CFCN	508.2	KLX
244	WAMD	275.1	WSWS	315.6	WAHG	374.8	KTHS	434.5	NAA	508.2	WIP
246	WBAL	275.3	WJAS	315.6	WGBS	374.8	KVOO	435	AT9	508.2	WOO
250	KFXF	278	KWCR	319	WGR	379.5	WGY	440.9	KLDS	516.9	CJCA
250	WGES	278	KWWG	319	WSMB	379.5	WHAZ	440.9	WDWF	516.9	WCX
250	WMBB	278	WCAU	322.4	KOA	384.4	CKY	440.9	WOS	516.9	WJR
252	KFWB	278	WOQ	325.9	WSAI	384.4	KJR	447.5	WMAQ	526	WHO
252	WGCP	280.2	KMOX	329.5	WJAZ	384.4	WMBF	447.5	WQJ	526	WNYC
256	WRVA	282.8	WOAN	333.1	WBZ	389.4	WTAM	454.3	KFOA	526	WOAW
258	WADC	282.8	WSM	336.9	KNX	394.5	WFI	454.3	WJZ	535.4	KYW
260.7	KFWA	285.5	WREO	336.9	WJAX	394.5	WLIT	455	KTW	545.1	KFUO
260.7	KFJF	288.3	KFKX	340.7	KFAB	394.5	WOAI	461.3	KFNF	545.1	WTAG
263	WAAM	288.3	WLWL	340.7	WKAQ	399.8	WHAS	461.3	KMA		
265.6	WBCN	293.9	KTBI	340.7	WMCA	399.8	WHT	461.3	WCAE		
265.6	WENR	293.9	WAIU	344.6	WCBD	400	PWX	467	KFI		
265.6	WGHB	293.9	WEAO	344.6	WLS	405.2	KHJ	468.5	WRC		

SHORT WAVES

By Marcella

(Continued from page 2)

Margot: Can I tell you a whole lot about J. T. S., the announcer for WHB? I did last June, but will repeat briefly. John T. Schilling, the likeable blond voice of WHB, is 5 feet 10 inches tall, weighs 165 pounds without contours, is 29 years old, has blue eyes to go with his straw blond hair, looks nice in a dress suit, likes musical instruments in tune, good cigars and his wife, and dislikes artistic temperaments. Yes, he was married last fall. He met her in the Sweeney school studio. . . . all of that sort of thing.

* *

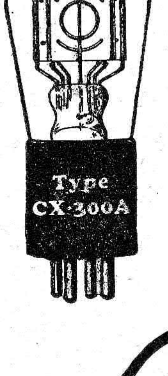
"Two Radio Nuts": I don't think Eddie Ellingson of KFAB and the "Harmony Boys" team of Eddie and Gloomy is really "hard-boiled." He is really quite a sheik, and "Gloomy Gus" Gayle Grubb claims that he has to watch Eddie very closely when he takes him out among the ladies. Eddie is about 24 years old, stands 5 feet 10 inches high, has gray eyes and dark brown, wavy hair, and is still among the unmarried. Gloomy proclaims that his eyes are blue except when his wife hits them, and then they are black. What hair remains is mahogany brown, after a heavy meal his weight is 150 pounds, and on a crowded street car his height is 5 feet 11 inches. Gloomy's age is 30, and he has one child, a girl, who will probably be a Pi Phi (if you know what that means). Mr. Grubb's forte, besides selling Buicks and GMC trucks for the Nebraska Buick company, is composing songs. Ref. "I Don't Think So" and "Etiquette."

* *

Sally and Susanne: So you want to know all about Peter MacArthur of WOC, and whether or not he happens, also, to be "Tom Thumb"? Well, what do you think—here's his own answer:

"I was born in Greenock, Scotland, 39 years ago. As to personal appearance, my hair is a matter of controversy, I insisting that it is dark brown, and some of my friends (me, too, Marcella) holding out for black. The eyes, however, I believe are mates and dark brown. The question of height I am not so sure about, but should judge it is somewhere in the neighborhood of 5 feet 8 or 9 inches. Matrimonial state, hm-m-m-m! Now that is a sticker for such maids as Sally and Susanne! My photographs all show me wearing a smile, genuine or otherwise, so use your own judgment. On second thought, if you are sure it won't be too

(Continued on page 23)



BRITISH WILL TRAIN MIKE DRAMA ACTOR

ORDINARY ACTORS FAIL TO ENUNCIATE PRECISELY

Royal Academy to Teach Special Class Beginning in October—Hope to Develop Art

LONDON, England.—The British Broadcasting company is hunting vigorously, but so far fruitlessly, for a voice. It is a very elusive voice, as clear as a bell and yet full of personality, and very few people apparently possess it.

Even the best actors and actresses have to admit that they have not got the ideal broadcasting voice, and fresh blood has to be found to take parts in the rapidly developing field of Radio drama.

R. E. Jeffrey, production director of the B. B. C., and Kenneth Barnes, director of studies of the Royal Academy of Dramatic Art, the leading British dramatic academy, have hit upon a bright idea for training the future actors and actresses for the ether.

Must Train Differently

Students at the Royal Academy will undergo a special course of training so that any talent they may have for speaking into the microphone may be properly fostered.

"Now that Radio broadcasting has become a permanent institution," said Mr. Barnes, "I feel that two kinds of actors will have to be trained in the future, one for the ordinary stage and one for the Radio. In many cases experience has shown that ordinary actors are not a success before the mike.

"No matter how clear and good one's voice may be, some vowels and consonants may be slurred over in ordinary speech.

"Twenty-five students will be the first to take the course, and we shall start in October. We shall reproduce a small studio in the building by which microphones will be connected to loud speakers in another room. In this way both the examiners and the other students will be able to judge the results."

"Happy Harry's Party" New Saturday Night WQJ Stunt

CHICAGO.—Each Saturday night beginning at midnight "Happy Harry" turns WQJ's studio here into a veritable throng of imaginary visitors with a new and novel little originality he calls "Happy Harry's Party."

Listeners sending in telegrams are the supposed visitors to the studio and Harry's imagination in introducing the visitors leads the listeners to actually believe he has a studio full of out-of-towners, when in reality there are none.

Epworth League Rally To Be on Air, Sept. 19

KDKA and KYW Will Participate in Broadcast

CHICAGO.—The Rally Day services of the Epworth league, an organization of young people of the Methodist Episcopal church throughout the country, will be given on Sunday, September 19. The services in Pittsburgh will be broadcast by Westinghouse Station KDKA and those in Chicago will go on the air from the Evening American studio of Westinghouse Station KYW.

KDKA will go on the air at 4 p. m., Eastern Standard time, and will broadcast one hour's program made up of special music furnished by the Epworth leaguers of the Pittsburgh conference.

The program from Chicago will immediately follow the one hour of music from the studio of the Evening American, which will put the Epworth league broadcast on the air at 4 p. m., Central Standard time, or 5 p. m., Chicago daylight saving time. Music will be furnished by solosists and quartets.

America First to Send Voice on Ether Waves

Foreigner Claims Honor But Is Predated Four Years

NEW YORK.—Raymond Braillard, president of the technical commission of the Union Internationale de Radiophonie, claims to have been the world's first broadcaster of entertainment by wireless telephony, according to a letter recently received here by Eric Palmer. But this is not true.

Mr. Braillard sent voice and music on what was then known as an "arc humide" in 1913. On the other hand, arc transmission of voice and music as a regular proposition was a feature of an American station at San Jose, Calif., as early as 1909, thus predating Mr. Braillard.

Tube transmitters such as are used today for carrying sound or telephony were just being developed about that time. Dr. Lee DeForest, the American who invented the three electrode vacuum tube, is probably the first man in the world to have broadcast voice or music by means of a tube transmitter.

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Tempting 1927 Models

INDIAN Summer is here, and with it has come a marvelous array of beautiful, simple to operate, pleasing to anticipate, tonally perfect receivers. Of course, most of us have receivers, bought this year, last or several years before. But the 1927 models are tempting!

Having conquered the technical obstacles of previous years, most manufacturers have now turned their energies to the equally necessary problem of designing their sets mechanically perfect, artistically things of beauty, fool and trouble proof, and so simple to operate that even a two-year old can be taught to do so.

That the manufacturers have succeeded admirably in their program is proved by the receivers on display. Several pages of this issue of Radio Digest are devoted to the new models. The dealers are exhibiting them in their windows and the receivers may also be seen at many Radio shows and fairs. They are attractive, aren't they?

Even to an oldtimer who is well enough educated in the dial twisting art to handle the most complicated of the antique and complex receivers, the new sets present a most alluring appeal. Of course, friend wife has a lot to say about how much nicer the new ones appear in the parlor—and, besides, the Jones' have one!

Darned if we are going to wait until all the Joneses and Browns get theirs. Guess we'll have to sell our old set to the janitor, or say, Mr. Dealer, what will you allow me for this one on a trade-in on that new one over there?

Good "Broadcasting Business"

TO ENTER the "Broadcasting Business" for purely commercial motives without thought for the kind of transmission sent out, is the object of entirely too many business concerns, churches and schools. Too few broadcasters make a conscientious effort to keep their stations strictly on their announced wave lengths. The slight variation from their wave lengths or frequencies may not seem great at the station transmitters, but when these variations mix with one another, the poor listener can only "stand by" and suffer from the "heterodyne" interference created.

The bureau of standards recently issued a list of twenty-nine broadcasters who adhere to their wave lengths with high accuracy. The bureau modifies its list by saying that there might be more stations thereon if there were bureau experts enough to place in various parts of the country and measure all the transmitters. But, anyway, we will publish the list, as follows, so that listeners will know that at least these stations are interested in good transmission:

WOC, Davenport; WTIC, Hartford; WMAQ, Chicago; WCCO, Minneapolis; WWJ, Detroit; WLS, Chicago; KFAB, Lincoln, Nebr.; WJJD, Chicago; WEAO, Columbus, Ohio; KFKA, Greeley, Colo.; KFH, Wichita; WENR, Chicago; WCAD, Canton, N. Y.; WAAM, Newark, N. J.; WSKC, Bay City, Mich.; WOWO, Fort Wayne, Ind.; WBBM, Chicago; WEBQ, Harrisburg, Ill.; KFVS, Cape Girardeau, Mo.; WOK, Chicago; WPDQ, Buffalo, N. Y.; WEAF, New York; WCAP (now combined with WRC), Washington; WRC, Washington; WJZ, New York; NAA, Arlington, Va.; WGY, Schenectady, N. Y.; WBZ, Springfield, Mass.; KDKA, Pittsburgh.

The 60 Per Cent Service Pests

THE SAD life of the Radio dealer's service man is convincingly described in this number. At the conclusion of the interview with the service manager, the latter classifies sixty per cent of the average trouble calls as coming from people who don't know about Radio, but who think they do, and cause trouble in the sets. Then the service man is called, and the dealer or the service man is blamed for causing the trouble.

We have the solution for this "pesty" sixty per cent. If we were a Radio dealer we would double our service charge for calls from such people.

RADIO INDI-GEST

Wonder What a Radio Thinks About?

(With apologies to Briggs, the cartoonist)

"Last night you cussed me black and blue—
Used every name you could.
It wasn't me—I did my best—
The weather was no good."

"And now tonight you're all upset,
Because your friends are here,
And I dont work just like I should—
Stop poking me, you hear?"

"There's nothing wrong with me at all,
Your batteries are low;
What if your friends are going home?
I'm glad to see them go."

"Quit fooling with my wires, gee whiz,
You've got them all so sore;
If you don't stop your foolishness,
I won't play any more."

"You brute! Go on and curse some more—
You don't hurt me a bit;
I hope you go to bed again
And leave my tubes all lit."

CHARLES ALLEN BRANHAM

SHORT SHAVES

—By Barbara—

"Old King Tutt, Hiz-self" writes a most chaw-ming letter, which I, being modest, must quote from an answer herewith:

"Why pull your 'Short Shaves' out of print so soon? Don't you know it fills a long-felt want? The newly-weds can learn how to cook from Betty and the flappers and drug store cowboys get the dope they crave from 'Marcella,' so why not put 'Short Shaves' back into commission and give us the low-down on the distinguished contributors of your column?"

* *

Well, King, your highness, it's like this. I've been baiting up at Paul Smiths for Cal Coolidge. Y'see Marcella went fishing on Lake Vermilion, so I went her one better and went baiting for Cal. That's why he caught the fish. You shoulda seen the ones that got away.

* *

Please tell you, "Does the Third Trombone Player really make music on a trombone, or does he just blow on it and make a noise, or perhaps he has plugged the lower end of it for a stein?"

Answer: The Third Trombone Player was kicked out of the Milwaukee Symphony orchestra for blowing a sour note. It is rumored that this was caused by stale beer clogging the mouthpiece. He is married to a wife and his hobby is reading "Condensed," by Dielectric.

* *

No, George isn't the George that everybody lets do it. His contributions give me no evidence as to whether or not he wears socks. I have strong suspicions that he does not. I also understand that he is a poet.

* *

Sorry I must close now, as a great big whale just snapped the minnow off "Prexie's" hook, and I must bait it again for him. Good night, kid-deeeeeeeeeeeee.

Silent Night

Of all the sad surprises
With this none can compare,
To try to get a station
That isn't on the air.

"That Red Head Gal," BOBETTE W.

Always and Always

Dear Indi: The great contralto arranged her Lady Duff Gordon gown with infinite care. She touched her hair daintily so that each strand was meticulously in place. She bowed her lips and powdered her nose with more infinite care. . . . The great audience was waiting—

"Ladies and gentlemen," spoke the Radio announcer, "Madame Jupre will now sing 'Always'."

ARTHUR LARSON

Our Anagram Department

For such it must be labelled, since George has forsaken the gentle art of poesy and devotes all his spare time to finding more words and pharses utilizing the same letters as are contained in the title, "The Radio Digest." Here they are:

The air tides God.	O, I'd edit the rags.
The Air tides dog.	The idiots raged.
Editor hides gat.	Airs the tied dog.
God edits the air.	It's a tired he dog.
Dodge, it's the air!	It's a dirte he dog.
It dodges the air.	Dogs the air tide.
The editor sighed.	Dave tie this dog.
Editor is the dog.	This dog are tied.

Intermission Idiosyncrasies

A. C. S. Announcing

"At 10:45 this evening, we will broadcast a vocal selection, Over the Bills and Far Away, which will be rendered by Jimmy Whitmore Valentine, an industrious man about town—when the police are not watching him too closely. What made this a sad world for Jimmy was an account in a local paper of how he had overlooked fifty thousand dollars in brand new ten-dollar bills when he had called recently on a local banking institution."

ARTHUR C. STOWELL

FRANQUE'S FILOSOFEE

Spare the batteries and spoil the concert. *INDI*

The Big "Noise"

Condensed

BY DIELECTRIC

The bicycle playing card sextet that entert from the studio of Station WSAI, Cincinnati, deserving of a following, which it, no doubt, enj There work is well done, adding a splendid fea to the station's programs. We are gradually find an increased number of quartets, trios and sext vocal and instrumental, which serve to expand field of musical entertainment. More real good strumental quartets would not glut the market. Th is one of the stations utilizing the programs ori inating in New York and transmitted from the tain station, WEAF.

There must be at least one reference to a d program this issue or it won't seem complete. W that one terpsichorean star performance came f Atlanta—Station WSB. The musicians played t selections wonderfully well, feeling the rhythm each number in a manner to enthuse half-hea dancers to "step out." The announcements w came between the numbers were given briefly, tirely without intent to put the announcer in limelight, and clearly named the selections to foll all without losing several precious minutes in tryi to find something facetious to say.

Station KDKA, Pittsburgh, has entertained qu satisfactorily with programs from the Grand thea in that city, municipal concerts of varied attractio and in presenting some soloists with more th ordinary attainment. Your reviewer was particular pleased with the playing of a 'cellist in a quar appearing before their mike. Such a statement mig imply that the four players were not evenly ba anced, allowing the 'cellist to predominate, whi would be untrue. They were very well balance but so well did this one artist perform it was i possible to ignore his accomplishment.

It must be admitted that a straight piano conce is not a feature to draw the multitude, even wh rendering by a celebrated artist. We heard fro Station WAIU, Columbus, Ohio, a group of co positions played by a not unusual performer a remained until the last selection had been played. the execution of these numbers was not all one co desire, the fact of its being an "all American" pr gram made one wish to review that portion of o masterpieces as presented. We too often forg the size of our own library of good music—havi real gems fashioned by American composers.

There is another musical organization to which a tention should be directed at this time, although some located where Station WHO, Des Moines, ca not reach at this season there may be less of interes Mention has been made in these columns of the Ban er's Life trio at times when their music carried many states and nearly always brought comment a favorable nature. You will find these players ju as worthy of a hearing now as in months past a their programs are attractive in the main.

Finally, I wish to record a personal debt of gra tude to one of the artists appearing in the studio Station WHT, Chicago. The 'cello has an appe (when capably played) to displace that of mo other instruments and, as Ann Slack played h selections the other evening, it seemed as thou a whole evening would not be too long a time listen. Miss Slack possesses a charm to her playi which, when coupled with a most ingratiating to makes you close your eyes and revel in the oppo tunity at hand. Please encore.

LADIES, HERE'S HOW TO HALT ACID SPOTS

AFTER "TELLING" HUBBY TRY THESE REMEDIES

Storage Battery Solution and Domestic Furnishings Don't Mix—How to Save Fabrics Is Told

DENVER.—What to do if Radio battery acid is spilled on fabric floor coverings or clothing," was the subject of a recent microphone chat by Paul H. Bonham of the National Association of Dyers and Cleaners, appearing over Station KOA, Denver, in a bimonthly series of home economics programs.

He warned that liquid in a storage battery is diluted sulphuric acid and will burn a hole in fabrics if not washed out immediately.

"Do not carry a storage battery across rugs or carpets," he urged, "nor should it be permitted to touch curtains and draperies.

"It is important that the following instructions be observed should some of the liquid be spilled on clothing, or in fact, fabric of any kind:

After Spilling—What to Do

"Mix household ammonia with cold water in equal parts. Place white blotter under spot where liquid soiled the garment, if it is clothing. Use medicine dropper to saturate portion covered with battery acid. The blotter beneath the spot will attract ammonia water through the fabric, washing out the acid. Tamp the spot with cheesecloth to absorb liquid from cloth. Continue until certain the threads have been thoroughly washed clean of acid. Blot as dry as possible then hold before an electric fan until completely dry.

"Battery acid is treacherous in its damage to fabric. A heavy acid stain may go unnoticed until the garment is laundered or dry cleaned and ready for pressing. When heat of the iron or moisture from steam in pressing penetrates the cloth, a corrosive action causes immediate destruction of the fibers. If this happens, it is too late for laundering or dry cleaning —the cloth is ruined.

Acid Changes Color of Dyes

"Where color of the rug, carpet or garment may be black or blue, don't conclude that a stain will not show because the shade is dark. Stains from battery acid will change blue or black to red.

"Dry cleaning may restore 'changed colors' by an alkali treatment if dry cleaned immediately. But tell your cleaner what caused the color to change. Just say, 'Battery acid was spilled on it.' Then he well know how to counteract the change."

Mr. Bonham's talks over the General Electric broadcasting station are slated the second and fourth Tuesday afternoons of every month at 3:45 o'clock mountain time.

CORONATE CHAMPION LADY FANS

John Ruskin never dreamed of these two when he wrote "Queen of the Air," but here they are as selected at the Radio World's Fair, New York. Mrs. Lotta Harrauff (left), Princeton, Ill., winner, and Mrs. Flossie E. Erickson, silver cup award for DX record. Mrs. Erickson lives in Bloomington, Ill.

SHORT WAVES

By Marcella

(Continued from page 20)

much for the girls, you might tell them that I am married, at that. As for 'Tom Thumb,' I am afraid if he saw your letter he'd be peeved, for he is pretty fond of his own identity, and does so hate to be confused with me, or anybody else."

* *

Miss Sweet: I am briefly informed that Jerome or "Happy Homer" at KFEQ, Oaks, Neb., has a wife and two children and is serenely satisfied. His full name is Jerome H. DeBoro, eyes are blue and hair brown.

* *

"Lollee Popp" writes to ask if it is really true that Little Jack Little is the proud papa of a baby girl, or if it is just another rumor. I don't know, but then Jack or Mrs. Jack will see this in the column and will drop me a note. Watch for the answer.

* *

"Inquisitive" liked H. Dean Fitzer's recent sketch, and wonders when we are going to give a big feature page about WDAF. Soon, my dear friend, soon, but you must await its announcement under "Looking Ahead" on page two. And she asks further, "When is Gene Rouse going to divulge his hiding place?" To which I must answer that I don't know when, and that it really doesn't matter because nearly everyone already knows where he is and when he may be heard. Gene will kill me for this. Yes, Russell Wildey and "Bill" Shean are the right names of the Ray-O-Vac Twins, unless they are but noms de Radio. At least they publish their songs under these names. And the name of the announcer at KFKX, you ask. That is rather complicated. The man you have in mind is probably Harry F. Russell, although Monday night programs are handled by Dean E. Shaffer, and Dr. Archie Hopper comes in with special announcing on some evening programs. Best log him with the hour and date, and then inquire direct of KFKX which one you heard at the time.

* *

Wm. S.: WOAW has two hostesses, Goldie Funk during the day and Marie Kieny, the evening. Former is about 25, 5 feet 1 inch tall, and has blonde hair, blue eyes and a wonderful smile. She won't talk about matrimony but I think she is married. The latter, or Marie, is a charming brunette with soulful, appealing brown eyes; 22 years young, 5 feet 2 inches tall, unmarried but very eligible. Marie is an accomplished pianist.

* *

"Hank" and Friends: Thanks for "them kind woids." So you really like Doug Richardson, the popular soloist heard over KJR, Seattle? Doug is versatile and so busy that he only finds time for one hobby—golf. His game is in the late 80's, although his partner in the foursome of musicians with whom he generally plays insists he is of no great help. Car mechanic is another of his avocations of necessity, incidentally, because he owns and drives a car which no one but a competent mechanic could possibly keep running. Doug is 23 years young, with all the bouyancy you might expect of a young Irishman. He is a nephew of Arnold Daly, the famous actor, and two of Doug's older brothers are professional singers. It was in combination with one of them, Fred, that he first broadcast. Besides his Radio work as director for the Olympic Merrymakers, he leads his own seven-piece dance orchestra and also acts as trap drummer and vocal soloist with the 42-piece Coliseum theater orchestra in Seattle. Doug has gray-blue eyes, hair that just missed being red, and feet that can't keep still when dance music is being played. Married? The best answer is to tell you there is a Doug, Jr., who has all the deviltry of his father.

* *

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.

WOMANS' PROGRAM INDEX

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.
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
WHT (399.8m-750kc), Women's club, Jean Sargent.
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc), Fashion and household talks.
1:15 12:15 11:15 10:15 9:15
KMOX (280.2m-1070kc), Time saving cooking.
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.
WSOE (245.8m-1220kc), Ladies' hour.
2:20 1:20 12:20 11:20 10:20
WGBF (236.1m-1270kc), Garden talk.
WGY (379.5m-790kc), Cooking lesson.
3:15 2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
4 3 2 1 12 n.
WCCO (416.4m-720kc), Women's hour.
WSOE (246m-1220kc), Cooking chats.
WHB (365.6m-820kc), Ladies' hour.
WIP (508.2m-500kc), Market hints for housewives.
WJZ (454.3m-660kc), "Your Daily Menu."
5 4 3 2 1
WOC (483.6m-620kc), Home management schedule, Aunt Jane.
5:30 4:30 3:30 2:30 1:30
KMOX (280.2m-1070kc), Housewives' hour.
6 5 4 3 2
KMOX 280.2m-1070kc), Housewives' hour.
6:15 5:15 4:15 3:15 2:15
KYW (535.4m-560kc), Meat talk, John Cutting.

Tuesday

Atlantic Eastern Central Mountain Pacific
10:30am 9:30 8:30 7:30 6:30
WWJ 352.7m-850kc), Tonight's dinner.
11 10 9 8 7
KDKA (309.m-970kc), Domestic Science. Arts for the Housewife.
12 n. 11 10 9 8
WHT (399.8m-750kc), Women's club, Jean Sargent.
WMAQ (447.5m-670kc), Home economics.
WMCA (340.7m-880kc), Home Makers' club.
WOI (270m-1110kc), Homemakers' hour.
WQJ, (447.5m-670kc), Home economics.
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.
1:15 12:15 11:15 10:15 9:15
KMOX (280.2m-1070kc), Fashion talk.
2 1 12 n. 11 10
KGW (491.5m-610kc), Household Helps, shopping guide.
WGBF (236.1m-1270kc), Garden talk.
Atlantic Eastern Central Mountain Pacific
2:45 p.m. 1:45 12:45 11:45 10:45
WQJ (447.5m-670kc), Sept. 21, "The Good Health Habit"; "Quickly Served Breakfasts."
WGBF (236.1m-1270kc), Garden talk.
3:15 2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
4 3 2 1 12 n.
WIP (508.2m-590kc), Menu talk.
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath.
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
WLS (344.6m-870kc), Homemakers.
4:45 3:45 2:45 1:45 12:45
KFNF (461.3m-650kc), Ladies' hour.
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 6 5 4 3
KOA (322.4m-930kc), Culinary hints, Clara Hoover. Fashion hints.
7:45 6:45 5:45 4:45 3:45
WPG (299.8m-1000kc), Fashion Flashes.

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.
12 n. 11 10 9 8
WEAO (293.9m-1020kc), Housekeepers' half hour.
WHT (399.8m-750kc), Women's club, Jean Sargent.
WMAQ (447.5m-670kc), Home economics.
WQJ (447.5m-670kc), Home Economics program.
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc), Fashion and Household talks.
WGN (302.8m-990kc), Household management period.
12:35 11:35 10:35 9:35 8:35
KYW (535.4m-560kc), Table talk.
1:15 12:15 11:15 10:15 9:15
KMOX (280.2m-1070kc), Cookery, Gladys Kimbrough.
2 1 12 n. 11 10
KGW (491.5m-610kc), Household Helps, shopping guide.
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
WQJ (447.5m-670kc), Home economics.
3:15 2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
4 3 2 1 12 n.
WCCO (416.4m-720kc), Woman's hour.
WHB (365.6m-820kc), Ladies' hour.
WJZ (454.3m-660kc), "Your Daily Menu."
4:30 3:30 2:30 1:30 12:45
WLS (344.6m-870kc), Homemakers' hour.
WLW (422.3m-710kc), Cooking school.
Atlantic Eastern Central Mountain Pacific
5 p. m. 4 3 2 1
WOC (483.6m-620kc), Home management schedule, Aune Jane.
5:30 4:30 3:30 2:30 1:30
KFNF (461.3m-650kc), Flower talk.
6 5 4 3 2
KMOX (280.2m-1070kc), Housewives' 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 (461.3m-650kc), Domestic science talk.
WLIT (394.5m-760kc), Sept. 22, Style forecast.
8:50 7:50 6:50 5:50 4:50
WTIC (475.9m-630kc), Sept. 15, "Pickles," Clea M. Sands.

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.
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 (399.4m-750kc), Women's club, Jean Sargent.
WMAQ (447.5m-670kc), Home economics.
WMCA (340.7m-880kc). Food bureau program.
WOI (270m-1110kc), Homemakers' hour.
WQJ (447.5m-670kc), Home talks.
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.
12:35 11:35 10:35 9:35 8:35
KYW (535.4m-560kc), Table talks.
12:45 11:45 10:45 9:45 8:45
WOI (270.1m-1110kc), Homemakers' period.
1:15 12:15 11:15 10:15 9:15
KMOX (280.2m-1070kc), Recipes.
2 1 12 n. 11 10
KGW (491.5m-610kc), Household helps.
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
WQJ (447.5m-670kc), "What to Feed the Family."
3:15 2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
4 3 2 1 12 n.
WJZ (454.3m-660kc), Your Daily Menu.
4:30 3:30 2:30 1:30 12:30
WLS (344.6m-870kc), Homemakers hour.
4:45 3:45 2:45 1:45 12:45
KFNF (461.3m-650kc), Ladies' hour.
5 4 3 2 1
WOC (483.6m-620kc), Home management schedule, Aunt Jane.
6 5 4 3 2
KMA, 461.3m-650kc), Woman's hour.
KMOX (280.2m-1070kc), Housewives' hour.
Atlantic Eastern Central Mountain Pacific
6:30 p. m. 5:30 4:30 3:30 2:30
KOA (322.4m-930kc), Housewives' matinee.
WCCO (416.4m-720kc), Women's club program.
7 6 5 4 3
KOA (322.4m-930kc). Culinary hints, Clara Hoover.

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 a.m. 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 (399.8m-750kc), Women's hour, Jean Sargent.
WMAQ (447.5m-670kc), Home economics.
WQJ (447.5m-670kc), Sunday dinner.
12:15 p.m. 11:15 10:15 9:15 8:15
KYW (535.4m-560kc), Meat talk.
WMCA (340.7m-880kc), Food bureau.
12:30 11:30 10:30 9:30 8:30
WEBH (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.
1:15 12:15 11:15 10:15 9:15
KMOX (280.2m-1070kc), Household hints.
2 1 12 n. 11 10
KGW (491.5m-610kc), Household helps.
2:45 1:45 12:45 11:45 10:45
WOAW (526m-570kc), Sunshine Sunday dinner menu.
WQJ (447.5m-670kc), Food talks.
3:15 2:15 1:15 12:15 11:15
KOIL (305.9m-980kc), Shopper's aid.
4 3 2 1 12 n.
WHB (365.6m-820kc), Ladies' hour.
WJZ (454.3m-660kc), "Your Daily Menu," Mrs. J. Heath.
4:05 3:05 2:05 1:05 12:05
WCCO (416.4m-720kc), Woman's hour.
4:45 3:45 2:45 1:45 12:45
KFNF (461.3m-650kc), Ladies' hour.
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).
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), Culinary hints. Fashion review.

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 10 9 8
WHT (399.8m-750kc), Women's club, Jean Sargent.
WMAQ (447.5m-670kc), Home economics.
WQJ (447.5m-670kc), Home Economics program. "Salads."
12:30 p.m. 11:30. 10:30 9:30 8:30
WEBH (370.2m-810kc), Household talks.
WGN (302.8m-990kc), Home Management period.
12:35 11:35 10:35 9:35 8:35
KYW (535.4m-560kc), Table talk.

LARGEST TIE-UP IN HISTORY BROADCA

HIGH LIGHTS OF THE AIR

THIRTY-THREE stations, one of the largest tie-ups ever attempted in Radio history, will broadcast part or all of the program of the Third Annual Radio Industries banquet, to be held at the Hotel Astor, New York, on September 15. An extensive program starting at 7:30 p. m. Eastern daylight saving time and lasting until 1:45 a. m. will feature many famous speakers and musical favorites. Mary Lewis and Reinald Werrenrath are expected to sing the "Barcarolle" together. Vice President Charles G. Dawes will be the speaker.

The Ararat Shrine Temple chanters, under the direction of Clarence D. Sears, will return to WDAF on Wednesday night, September 15, at 9 o'clock. This will be the chanters' first appearance before the microphone of WDAF since last May. Mr. Sears has promised programs that should please the most critical audience and, judging from the mail received by the chanters last year, the listeners of WDAF were well pleased. The chanters are scheduled for one concert each month up to and including April, 1927.

How many laughs to the wavelength is a poser to be determined in a microphone experiment conducted by Stanley Hall over KOA, Denver. Can the voice, unaided by acrobatic antics, in itself produce streams of chuckles and side-aching laughs? Formerly of the Keith and Orpheum circuits, and known coast to coast as "the man of a million stories," Mr. Hall is chalked up for a thirty minute novelty program, "Wit and Humor of the Age," every Tuesday evening at 8:30 p. m. Mountain time.

The Rally Day services of the Epworth league, an organization of young people of the Methodist Episcopal church throughout the country, will be given on Sunday, September 19. The services to be given in Pittsburgh will be broadcast by Westinghouse Station KDKA and those to be held in Chicago will go on the air from KYW. KDKA will go on the air at 4 p. m. Eastern standard time. The program from Chicago will be broadcast at 4 p. m. Central standard time.

A Radio style show where the models clothed in their fur cloaks and beautiful gowns will depend upon the brilliant descriptions of the announcer will be the feature for the ladies in the WLIT broadcast, Wednesday, September 22. This feature is under the auspices of the National Association of Retail Clothiers and Furnishers.

The great Dempsey-Tunney fight is scheduled for September 23 and will go out upon the ether from all stations connected with the Associated Press. The time has not been definitely set, but the fight will probably take place between 4 and 5 o'clock Eastern standard time.

Voices never before heard over the Radio will interest listeners Thursday, September 30, from KFI, Los Angeles. A short playlet will be given, the cast of which will be composed of screen artists. Tune in and see if you would know your favorites by voice.

RESPONSIBLE for a progra millions will listen to are bers, above, of the ente committee for the Third Annu Industries Banquet which is to cast by thirty-three stations. I ture are Frank Spring, WE Stacy, Eveready hour; C. P. WJZ; Maj. J. Andrew White, Ja of Wolfsohn Musical bureau. Hart Plotz, left, is a soprano cently made her debut from WMCA and is now appearing on their programs. She has th tion of having sung before Machado of Cuba. Her traini Walter Damrosch, Allexandre B Franz Proschowsky has well-equ to appear before large Radio a Marie Branton, right, is the whose solos have pleased fans to WGHB, Clearwater.

Wednesday, September 15

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7 p.m.	6	5	4	3

WHN, WRNY, WLWL, WFBH, WMCA, WNAB, WBOQ, Third Annual Radio Industries banquet.

7:30	6:30	5:30	4:30	3:30

WAHG, (315.6m-950kc), Radio Industries banquet.

7:35	6:35	5:35	4:35	3:35

WNYC (526m-570kc), Radio Industries program.

8	7	6	5	4

WOR (405.2m-740kc), WNAC, WEAN, WJZ, WGY, WBZ, Radio Industries.

9	8	7	6	5

KDKA (309.1m-970kc), Lefridge trio.
WEAF, WEEI, WJAR, WGR, WOO, WRC, WCSH, WTAM, WWJ, KSD, WOC, WTAG, WCAE, WCCO, WTIC, WGN, WLW, WODA, WHO, Radio Industries program.

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

KMOX (280.2m-1070kc), Fantasia, "Autumnal."

11	10	9	8	7

WDAF (365.6m-820kc), Ararat Shrine Temple chanters.

11:25	10:25	9:35	8:25	7:25

KOA (322.4m-930kc), Minstrel players.

Wednesday, silent night for: KGO, KLDS, KMMJ, KOIL, KPSN, KTAB, KWWG, WABQ, WBAL, WBAP, WBBR, WCBD, WFAA, WGBF, WGBS, WGCP, WHAR, WIP, WJAZ, WMC, WOAW, WPG, WSUI.

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 9 p. m., French Canadian program, Charles Larocho's orchestra; Chateau Laurier dance orchestra.
WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., special program, Third Annual Radio Industries banquet.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, Melrose concert quartet; 8:30, recital; 9, Minerva Rose Chadwin, soprano; 9:30, Senator Hassenpfeffer; 9:45, Frank Cook, old-time songs; 10, Bittong's Cheer-Up club.
WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., Hotel Waldorf-Astoria; 7, synagogue service; 7:30, U. S. Army band, WEEI, WTAG, WJAR, WGR, WCAE, WWJ, WSAI, WRC; 8:30, Davis Saxophone octet, WOO, WJAR, WCAE, WSAI, WEEI, WTAM, WTAG, WRC; 9, Third Annual Radio Industries banquet.
WEBJ, New York, N. Y. (272.6m-1100kc), 8 p. m., Karl Weiss Peasant band; 8:40, Jerry Alexander, entertainer; Sara Turits, soprano; 9:10, duets; 9:30, Sigmund Brunislav, tenor; 9:45, William Bisignano, accordionist.
WEEI, Boston, Mass. (348.6m-860kc), 8 p. m., WEAF.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Hotel Adelphia dance orchestra.
WHN, New York, N. Y. (361.2m-830kc). 7 p. m., Radio banquet.
WJAR, Providence, R. I. (485.1m-618kc), 8 p. m., U. S. Army band concert; 8:30, Davis Saxophone octet; 9, WEAF.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 8, Imperial Imps; 9, Radio banquet.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 10, Arcadia cafe dance orchestra.
WMAK, Buffalo, N. Y. (265.3m-1130kc). 7:30 p. m., Eastman theater musicale; 8:05, musicale; 9-10, musical program.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Radio banquet.
WNYC, New York, N. Y. (526m-570kc), 7:35 p. m., Radio banquet.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania orchestra; 8:30, Davis Saxophone octet; 9, Ipana Hour; 10, Fox theater studio program; 10:30, Sam Brown's dance orchestra.
WOR, Newark. N. J. (405.2m-740kc), 8 p. m., Radio banquet.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert, Flotilla club; 8, Lefridge trio; Marguerite Riley, soprano.
KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., Joska DeBabary and his orchestra; Bittie-Benson orchestra; 7, American hour; 9-10:30, classical concert, Commonwealth Edison company; 10:30-12 midnight, Congress carnival.
PWX, Havana, Cuba (400m-750kc), 8-10 p. m., Military band music.
WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Ellie Hanson, organist; 9-10, Harmony Time, staff artists; 12, The Nutty club.
WBZ, Springfield, Mass. (333.1m-900kc), 7:30 p. m., Radio Manufacturing association dinner; 10:05, dinner.
WCFL, Chicago, Ill. (491.5m-610kc), 6:30-7:30 p. m., Florentine string trio; 7:30-8:30, Arthur Billquist, baritone; Harry Anderson, tenor; 8:30-10, Hickey and Johnson; Joe Warner; Marie Wright; 10-1, Alamo cafe orchestra.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10. music.
WDBO, Winter Park, Fla. (239.9m-1200kc), 8:15 p. m., Mrs. B. Harrison Blixt, soprano; Mrs. Carrol D. Stowe, pianist; 9, Harry Day, pianist; Mildred Hodges, contralto.
WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Edgewater Beach hotel concert orchestra; Florence Behrend, soloist; 9-9:45, Edgewater Beach dance orchestra; Metropolitan harp trio; songs, F. Behrend; 11-12, dance orchestra; songs, Joe Verges and Paul Small; saxophone quartet; songs, Frank Greif; 12-12:30 a. m., Edgewater Beach hotel orchestra.
WGHB, Clearwater, Fla. (266m-1130kc), 8:30-10 p. m., Methodist church choir.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8:30-9, Little Symphony orchestra; 9-10, WGHP ensemble.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Drake concert ensemble; Blackstone string quintet; 8:30-9, musicale; 9-10, musicale; 10-10:10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20-10:30, studio program; 10:30-12:30 a. m., Pepper party.
WGR. Buffalo, N. Y. (319m-940kc), 6:30-7:30 p. m., Gospel Melodists; 8:30-9, J. Blosek, pianist; 9-11:45, WEAF.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Eastman theater orchestra; 7:30, WJZ.
WHT, Chicago, Ill. (399.8m-750kc), 7-8:30, Al Carney, organist; Riverview Melody Masters; 8:45-10:15, (238m-1260kc), Helen Rauh, organist; Stuart Dawson; 10:30-1, (399.8m-750kc), Al and Pat; Riverview orchestra.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 midnight, Earl Hoffman's Chez Pierre orchestra; program for Captain Donald MacMillen; Alexander Nakuten.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:45, Good Will Oakland and Chief Pontiac; 8, concert; 11, Murphy Brothers' organist; 12, Merry Old Chief and Jewett Jesters.
WKRC, Cincinnati, Ohio (325.9m-920kc), 6 p. m., Allah orchestra; 8:15, Hotel Alms orchestra; 8:30, Howard Hafford, tenor; 9, Everfresh hour; 12, Lookout house orchestra.
WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., Million sing; 7:05-7:15, Old-Fashioned Almanack; 7:15-7:30, dinner music; 7:30-7:50, Pattison Coates, baritone; Edward Barry, pianist; 7:50-8, Auld Sandy; 8-8:30, WEAF; 12:30-1 a. m., Ambrose Larsen, organist.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., organ concert, Al Melgard; 6:45, Maurie Sherman's College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, organ concert, Ralph Emerson; 8, Surprise time; 8:10, Sherman's College Inn orchestra; 8:30, Ford and Glenn; 9, WLS trio, picture concert; 9:30, Fulton M. E. church choir; 10, popular music; 11, special program.
WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Robert Visconti's orchestra; 8, WEAF; 11, Pink of programs.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8:30, Whitney trio; 9:50, WMAQ air line.
WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; Charlotte Johnson, soprano; Monte Blum, tenor; John Everett, baritone; Harold Thorpe, pianist; 9-11, Trianon orchestra; Grace Frost, whistler; Myra Mills, pianist; Borden Brothers; John Stamford.
WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble concert; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.
WORD, Batavia, Ill. (275.1m-1090kc), 7 p. m., program; 7:45, reading; 9, I. B. S. A. choral singers.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10-2, Joe Rudolph and his Rainbo Gardens orchestra; Rainbo Gaieties.
WRC, Washington, D. C. (468.5m-640kc), 5 p. m., U. S. Marine band; 7:30, WEAF; 8, WEAF.
WRVA. Richmond, Va. (256.3m-1170kc), 8:45 p. m., folk songs with Melodian; 9:15, Melodian and fiddle; 10, organ recital, quartet, Shepherd Webb.
WSAI, Cincinnati, O. (325.9m-920kc), 7:30 p. m., WEAF; 10, string quartet.
WSWS, Chicago, Ill. (275m-1090kc), 6-7 p. m., classical program; 8-9, Zola Haynes, Hugh Aspinwall, reader; Georgia Gray; orchestra; Henri Therrien, tenor; 10-11, Jack Goodwin, ballads; 12-1, witching hour.
WTAM, Cleveland O. (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, WEAF; 8, WEAF.
WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Bill Jones and his Capitol theater orchestra; 7:50, "Pickles," Olea M. Sands; 8, Radio Industries banquet.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF; 7:30, Detroit News orchestra; 8, WEAF; 9, Detroit News orchestra.

Central Standard Time Stations

KFAB, Lincoln, Neb. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, old-time tune night.
KFNF, Shenandoah, Ia. (461.650kc), 7 p. m., concert, Henry Field Seed company.
KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., de luxe mixed musical program.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules; 7, Dr. J. L. Bischof, Alma Rotter; 8:30, KMOX Radio orchestra; 9, song cycle; 9:30-11:30, Varsity Troubadours; KMOX orchestra.
KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Jack Willrich's dance orchestra; Virginia Willrich, accordionist; 8:15, Mrs. Robert E. Doty, vocalist; Elise Rosenthal, violinist; Mrs. E. P. McClanahan; 9:30, Leon Schiro, tenor.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10:30 p. m., Lon Chassy, violinist; 9:50, Lawson Reid, organist.
WAMD, Minneapolis, Minn. (244m-1230kc), 6 p. m., Radisson hotel orchestra; 7:15, classical hour; 10, Gould banjo club; 11, Skyrocket frolic; Golden Gate orchestra; Night Watchman and entertainers.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7 p. m., WEAF.
WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., H. I. Seaburg, vocalist; John D. Thomas, pianist; Mrs. O. V. Calhoun, vocalist; Sybil McNair, pianist; Clara Frenkel, vocalist; Sevene Broadcasters.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-9, popular musical program, Charlie Straight's orchestra; 9-10, Ararat Shrine chanters; 11:45-1 a. m., Nighthawk frolic.
WHAD, Milwaukee, Wis. (275m-1090kc). 6:10 p. m., Arthur Richter, organist; 11:30, organ.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., entertainers.
WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., entertainers.
WHO, Des Moines, Ia. (526m-570kc), 6-7 p. m., Bankers Life Little symphony orchestra; Myrtle Williams, soprano; 7-8. Paul Christianson's Hotel Fort Des Moines orchestra; 8, WEAF.
WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Delaware Punch program.
WOC, Davenport, Ia. (483.6m-620kc), 4-4:45 p. m., Bernard Reagan, baritone; Jeanne de Vogelaere; Jack Wilman, tenor; 7-8:30, WEAF; 8, WEAF.
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., L. F. Sullens, accordionist; Mrs. Vee Latty.
WSB, Atlanta, Ga. (428.3m-700kc), 10:45 p. m., Peerless entertainers.
WSM, Nashville, Tenn. (282.8m-1060kc). 7 p. m., dinner concert, trio; 8, program; 10, studio program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8:15, football; 8:25, Minstrel show.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7 p. m., Westerland Trio; 7:30, Nick Harris story; 8-9, program, California Petroleum corporation Calpet trio; 9-10, Patrick-Marsh dance orchestra; 10-11, Charley Beauchamp, tenor.
KFWB. Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, Velvetone Radio corporation; 9-10, Corduroy Tire Stores, Inc.; 10-11, Warner Brothers frolic.
KGO, Oakland, Calif. (361.2m-830kc), 8:30 p. m., Stanislas Bem's Little symphony orchestra; 9, Radio talk, Howard D. King.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 9-10, concert.
KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times de luxe presentation; 10-11, Jerry Grant and his orchestra.
KLX, Oakland, Calif. (508.2m-590kc), 6:30-7 p. m., Athens Athletic club orchestra; 8-9, educational program; 9-10, special program.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., feature program; 8-9, program, Security Trust and Savings bank; 9-10, program, El Sereno Country club; 10-11, Edwegater club 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 concert orchestra; 8-9, Atwater Kent artists; 9-10, Clift hotel dance orchestra; 10-11, States Restaurant orchestra.
KTAB, Oakland, Calif. (302.8m-990kc), 8-10 p. m., program.

Thursday, September 16

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p.m.	8	7	6	5

WLW (422.3m-710kc), Dayton Radio show.

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

KWWG (278m-1080kc), Spanish songs, Senorita Margarita Aguerre.
KPRC (296.9m-1010kc), "Tex" Lynne, whistler.
WMC (399.8m-750kc), Vesey ensemble.

11	10	9	8	7

WQJ (447.5m-670kc), Sylvian Four.

1	12	11	10	9

KGO (361.2m-830kc), Musical Bears.
KYW (535.4m-560kc), Opening and answering the mail.

Thursday, silent night for: KFAB, KFH, KFOA, KFUO, KMOX, KOA, KOB, WAHG, WAMD, WEAO, WEBJ, WGBF, WHAD, WMAK, WOOD, WOR, WOS, WSM, WSUI, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

CNRM, Montreal, Can. (410.7m-730kc), 9 p. m., night with Majesty's ship "Calcutta."
WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Cathay Garden orchestra; 7:30, Snellenburg symphony orchestra; 8, Saddler's Plantation serenaders; 8:30, recital; 8:45, Getz Go-Getters; 9, Carolyn Thomas. soprano; 9:30, Musical Chefs; 9:45, Professor Doolittle; 10, Hood Boys.
WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 7, mid-week hymn sing; 7:30, Meyer Davis' orchestra; 8, Serenaders, WEEI, WFI, WOC, WSAI, WWJ, WGR, WTAM, WCAE; 9, orchestra concert, Frances Sebel, soprano, WEEI, WFI, WOC, WSAI, WWJ, WGR, WTAM; 10, Cliquot club Eskimos, WEEI, WJAR, WTAG, WFI, WCAE, WSAI, WTAM, WGR, WWJ. WOC, WCCO, KSD, WGN; 11, Silvertown Cord orchestra, WEEI, WFI,

DANCING

Central Time

Saturday

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

Monday

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

Tuesday

10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11, Kgw, Koil, Wgbu, Whn, Wjaz; 11:45, Wdaf; 12, Kgw, Khj, Knx, Kpo, Wdaf, Wjaz; 1, Wqj.

Wednesday

9:15, Wahg; 9:30, Whap, Who, Wor; 10, Kfve, Wbap, Weaf, Wgbu, Wgcp, Wjaz, [illegible]; 10:05, Wcco; 10:30, Wbap, Whn; 11, Kmox, Koil, Kpo, Webh, Wgbu, Wgcp, Wgr, Whn, Wjaz; 11:45, Wdaf; 12, Kfwa, Knx, Kpo, Wjaz, Wjjd.

Thursday

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

)ADCASTS RADIO INDUSTRIES BANQUET

'ONSIBLE for a program which llions will listen to are the mem- rs, above, of the entertainment tee for the Third Annual Radio ies Banquet which is to be broad- thirty-three stations. In the pic- e Frank Spring, WEAF; Paul Eveready hour; C. P. Popenoe, laj. J. Andrew White, Jack Adams fsohn Musical bureau. Jeanette lotz, left, is a soprano who re- made her debut from Station and is now appearing regularly programs. She has the distinc- having sung before President o of Cuba. Her training under Damrosch, Allexandre Bonce and roschowsky has well-equipped her ar before large Radio audiences. Branton, right, is the pianist solos have pleased fans listening IB, Clearwater.

FARMERS' PROGRAM 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.

Sunday

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

Atlantic Eastern Central Mountain Pacific
12 m. 11 10 9 8
KMMJ (228.9m-1310kc), Poultry talks.
2:13 1:13 12:13 11:13 10:13
WHO (526m-570kc), Radio farm school.
2:30 p. m. 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Farm talk, Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Questions and answers on Horticulture.
8:45 7:45 6:45 5:45 4:45
WSM (282.8m-1060kc), Poultry talks.
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-1010kc), Sept. 20, 27, Farm courses.
WMC (499.7m-600kc), Farm talk.
10 9 8 7 6
KFNF (461.3m-650kc), Poultry talk.
10:30 9:30 8:30 7:30 6:30
WFAA (475.9m-630kc), Sears-Roebuck program.
12:05a.m. 11:05 10:05 9:05 8:05
KGO (361.2m-830kc), Agricultural Outlook.

Tuesday

Atlantic Eastern Central Mountain Pacific
12 m. 11 10 9 8
KMMJ (228.9m-1310kc), Poultry talks.
2:13 p.m. 1:13 12:13 11:13 10:13
WHO (526-570kc), Radio farm school.
2:15 1:15 12:15 11:15 10:15
WCCO (416.4m-720kc), Farm program.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270m-1110kc), "Animal Husbandry."
7:45 6:45 5:45 4:45 3:45
WGY (379.5m-790kc), Agricultural program.
9 8 7 6 5
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.
11:10 10:10 9:10 8:10 7:10
WOAW (526-570kc), Poultry, pig troubles.

Wednesday

Atlantic Eastern Central Mountain Pacific
1:45p.m. 12:45 11:45 10:45 9:45
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:13 1:13 12:13 11:13 10:13
WHO (526-570kc), Radio farm school.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WFAA (475.9m-630kc), Sears-Roebuck Agricultural program.
2:45 1:45 12:45 11:45 10:45
WOI (270.1m-1110kc), Poultry husbandry.
9 8 7 6 5
WOS (440.9m-680kc), Evening market hour, poultry questions and answers.

Thursday

Atlantic Eastern Central Mountain Pacific
2:13pm 1:13 12:13 11:13 10:13
WHO (526m-570kc), Radio farm school.
2:15 1:15 12:15 11:15 10:15
WOI (270m-1110kc), Farm crops.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
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

Atlantic Eastern Central Mountain Pacific
2:13pm 1:13 12:13 11:13 10:13
WHO (526m-570kc), Radio farm school.
2:15 1:15 12:15 11:15 10:15
WCCO (416.4m-720kc), Farmers' program.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45 1:45 12:45 11:45 10:45
WOI (270m-1110kc), Agricultural Economics.
9 8 7 6 5
WOS (440.9m-680kc), Evening Market hour. Dairy questions and answers.
9:30 8:30 7:30 6:30 5:30
WOC (483.6m-620kc), Question box.

Saturday

Atlantic Eastern Central Mountain Pacific
2 p. m. 1 12 n. 11 10
KPRC (296.9m-1010kc), Farmers' educational and musical program.
2:15 1:15 12:15 11:15 10:15
KSO (241.8m-1240kc), Farm talk.
2:30 1:30 12:30 11:30 10:30
KMA (461.3m-650kc), Agricultural aid.
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.

DANCING

Central Time

Saturday

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

Monday

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

Tuesday

10:15, Kths; 10:30, Kths, Whn; 10:45, Wsb; 11, Kgw, Koil, Wgbu, Whn, Wjaz; 11:45, Wdaf; 12, Kgw, Khj, Knx, Kpo, Wdaf, Wjaz; 1, Wqj.

Wednesday

9:15, Wahg; 9:30, Whap, Who, Wor; 10, Kfve, Wbap, Weaf, Wgbu, Wgcp, Wjaz, [illegible]; 10:05, Wcco; 10:30, Wbap, Whn; 11, Kmox, Koil, Kpo, Webh, Wgbu, Wgcp, Wgr, Whn, Wjaz; 11:45, Wdaf; 12, Kfwa, Knx, Kpo, Wjaz, Wjjd.

Thursday

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

WCAE, WWJ, WGR, WOC, WCCO, WTAG, KSD, WSAI, WJAR, WGN, WADC, WCSH; Greenwich Village Inn orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 8-11 p. m., WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Hotel Adelphia dance orchestra; 8, Salon orchestra; 8:30, WEAF.

WHN, New York, N. Y. (361.2m-830kc), 7-7:30 p. m., Junior Order night; baritione; 8:30, theater overture, vaudeville; 11:30-12, Cotton club orchestra.

WJAR, Providence, R. I. (485.1m-618kc), 8:30 p. m., musical program; 9, WEAF; 10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 8, Voice of the Silent drama; 8:30, WRC; 9:30, Royal Typewriter Salon orchestra, WGY, WRC; 10:30, Fireside Boys, WRC, WBZ.

WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Monte Carlo by the Sea orchestra; 8, Roemers Homers; 9, Solow soloists; 11, Hotel McAlpin orchestra; 12, Broadway night.

WNYC, New York, N. Y. (526m-570kc), 7 p. m., piano selections; 8, band concert, Prospect park.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra.

WOR, Newark, N. J. (405.2m-740kc). 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:45, Oreste's Queensland orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Arthur Pryor's band; 10, Chateau Baltusrol orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert; 8, "Bizet" symphony players; Winifred Perry, contralto; 10:20, concert, Flotilla club, Etzi Covato and his orchestra.

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., dinner concert, Congress hotel; 8-9, "Twenty Minutes of Good Reading"; 9-10:30, classical program; 10:30-12 midnight, Congress Carnival.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., dinner orchestra; 7:30-8, mixed quartet; 8-9, WBAL trio; John Wilbourn, tenor; 9-10, dance orchestra.

WBZ, Springfield, Mass. (333.1m-900kc), 6:05 p. m., Edward J. McEnelly and his Victor Recording orchestra; 8, musicale; 8:30, Frank McGrather, baritone; Joseph Gilday, violinist; 9, Mrs. Helen Beckwith Ryan, contralto; 9:15, Leslie Stearns, tenor.

WCFL, Chicago, Ill. (491.5m-610kc), 6:30 p. m., Florentine string trio; 7:30-8:30, Ann post, contralto; Joe Warner; 8:30-10, Hazel Nyman, accordion soloist; Axel Christensen; Jimmie Eggert; 10-1, Alamo dance orchestra.

WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, studio program.

WDBO, Winter Park, Fla. (239.9m-1200kc), 9 p. m., Sanford hour of music.

WEBH, Chicago, Ill. (370.2m-810kc). 7-8 p. m., harp recital, Edward Vito; orchestra; E. Bigelow, pianist; 9-9:45, Edgewater Beach hotel orchestra; songs, Carlos Hafvary, ensemble; 11-12:30 a. m., dance music; guitar solos, Hickey and Johnson; songs, Rita McFawn; Six syncopators.

WGHB, Clearwater, Fla. (266m-1130kc), 7:30-8:30 p. m., dinner music.

WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert; 10-11, WGHP Frolickers; 11-12, Skylark dance band.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., request program; 8-9, WEAF; 9-10, WEAF; 10-10:10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20-10:30, Great Moments from Grand Opera; 10:30-11, WGN studio ensemble.

WGR, Buffalo, N. Y. (319m-940kc), 8-11 p. m., WEAF.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., instrumental trio; 7:30, WRC; 8, WJZ; 9, Utica Industrial Institute male quartet; 10:30, Stephen E. Boisclair.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; 8:45 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (399.8m-750kc), Al Carney, organist; Billy Alan Huff, popular songs; Little Joe Warner, character songs; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 midnight, Chez Pierre orchestra; Henrietta Nolan, violinist; George Peterson, baritone; Jacob Hannemann, pianist.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Detroit Trade Expansion program; entertainers; 8, concert.

WKRC, Cincinnati, O. (325.9m-920kc), 10 p. m., Swiss Garden frolic; 11, popular songs; 11:15, Walter Davidson's Louisville Loons.

WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., Million sing; 7:05-7:15, Old-Fashioned Almanack; 7:15-8, Drake concert ensemble; Blackstone string quintet; 11-11:20, Correll and Gosden; 11:20-1 a. m., Liberty Studio ensemble; Ambrose Larsen, organist; Bobby Meeker's Drake hotel dance orchestra; Fred Hamm's orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 7:20 p. m., Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, organ concert, Ralph Emerson; 8, Surprise time; 8:10, Maurie Sherman's College Inn orchestra; 8:20, Arthur Clipping, baritone.

WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Robert Visconti's orchestra; 7:40, orchestra; 8, Dayton Radio show; 10, Latonia Melody Boys; 10:20, Al Kirchner and "Pep" Golden; 10:40, Irene Downing and Tommy Reynolds; 12:15 a. m., Crosley Pups.

WMAQ. Chicago, Ill. (447.5m-670kc), 6:50 p. m., orchestra; 8:20, Carl Craven, tenor; 8:50, WMAQ players; 9:50, WMAQ air line.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Russian selections; 9-11, orchestra; The Lombards, John Stamford; Sandy McTavish.

WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble concert; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.

WORD, Batavia, Ill. (275.1m-1090kc), 8 p. m., musical program; 9, musical program.

WQJ, Chicago, Ill. (447.5m-670kc). 7-8 p. m., Rainbo Gardens orchestra; artists; 10-2, Rainbo Gardens orchestra; Lamb Sisters; Sylvian Four; Goldie Gordon.

WRC, Washington, D. C. (468.5m-640kc), 7:30 p. m., U. S. Marine band, WJZ, WGY; 9-10, WJZ; 10, Hotel Mayflower orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 8:45-12:45 p. m., Hopewell night.

WSAI, Cincinnati, O. (325.9m-920kc), 6:45 p. m., chime concert; 7-10 p. m., WEAF.

WSWS, Chicago, Ill. (275m-1090kc), 7-8 p. m., "The Magic Crystal"; 10-11, "On the Road to Mandalay," John Clark production; 12-1, witching hour.

WTAM, Cleveland, O. (389.4m-770kc), 6 p. m., Holleaden hotel orchestra; 7:30, WEAF; 8, WEAF; 9, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., popular period; 7:30, James Butler, banjoist; 8, Foran-to Melody Makers and Manchester quartet; 9, Colt Park Municipal dance orchestra; 9:30, Emil Heimberger's Hotel Bond dance orchestra.

WWJ. Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., Violet Siewers orchestra.

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., studio program.

KPRC, Houston, Tex. (296.9m-1010kc), 8:30 p. m., "Tex" Lynne, whistler; 8:45, Jane Cammack, soprano; 9, Southern Pacific Lines band.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., opera classics. New Arlington hotel orchestra.

KWWG, Brownsville, Tex. (278m-1080kc), 8:30 p. m., Spanish songs, Senorita Margarita Aguerre; 8:45, Alfredo Laurents, violinist; 9, Mrs. Harry Faulk, soprano; Mrs. Fritz Schmidt, contralto; Arthur Neale, Frank Gilmore; 12:01, dance program.

WAMD, Minneapolis, Minn. (244m-1260kc), 6 p. m., Radisson hotel orchestra; 10, organ recital.

WBAP, Ft. Worth, Tex. (475.9m-630kc), 9:30-11 p. m., Davis octet; 11-12, novelty mandolin and guitar program, Southern Melody Boys.

WCBD, Zion, Ill. (344.6m-870kc), 9 p. m., cornet quartet; Mrs. Veatrice Beem, soprano; Mray Wedekind; E. B. Paxton, baritone.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7-9 p. m., WEAF.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 11:45-1 a. m., Nighthawk frolic; Charlie Straight's Brunswick orchestra; Earl Coleman's orchestra; Ken Widenor, organist.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joys' Baker hotel orchestra; 8:30-9:30, Little symphony orchestra.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Hotel Wisconsin Badger room orchestra; 8:30, talk, Rambler.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck and his Younker tea-room orchestra; 8-9, Bankers Life trio; 11-12, dance program.

WMC, Memphis. Tenn. (499.7m-600kc), 8:30 p. m., vocal ensemble, Paola Grosso, director.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Mistletoe Melody Maids.

WOAW, Omaha, Neb. (526m-570kc), 6:50 p. m., orchestra; 9, classical.

WOC, Davenport, Ia. (483.6m-620kc), 5:45-6 p. m., chimes concert; 6:30-9, WEAF; 9-9:30, Moline Plowboys.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, orchestra.

Mountain Standard Time Stations

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., Radio Boys' dance orchestra, George O'Hara, soloist; 8-9, KFI drama hour; 9-10, program of Hawaiian music; 10-11, popular program.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., McGavin Bros. Bakeries; 9-10, program, Chapman's Ice Cream; 10-11, Warner Brothers frolic.

KGO. Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Bem's Little symphony orchestra; 8-9, Olympic glee club; Valencia trio; 9-12, Phil Lampkin's Musical Bears.

KGW, Portland, Ore. (491-5m-610kc), 6-7 p. m., dinner concert; 9-10, vaudeville.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Zoellner string quartet, Harriet Andrews, soprano, and others.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthay Circle theater organ; 8-9, program, Rigali and Veselich; 9-10, studio program; 10-11, feature program; 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, studio program; 9-10, studio program; 10-11, Mandarin cafe dance orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., musical program.

KTAB, Oakland, Calif. (302.8m-990kc), 8-10 p. m., KTAB quartet.

Friday, September 17

Headliners Today

Atlantic Eastern Central Mountain Pacific
8 p. m. 7 6 5 4
WGY (379.5m-790kc), Yom Kippur.

Atlantic Eastern Central Mountain Pacific
9 p.m. 8 7 6 5
WBAL (246m-1220kc), Lilliam Howard Mann, contralto.
WEEI (348.6m-860kc), Neapolitan Girls quintet.
9:30 8:30 7:30 6:30 5:30
WGR (319m-940kc), Edna Zahm and friends.
10 9 8 7 6
WLS (344.6m-870kc), Cyrena Van Gordon, contralto.
WMAQ (447.5m-760kc), Yom Kippur, Jewish services, Medinah temple.
WOO (508.2m-590kc), Sesquicentennial concert.
10:30 9:30 8:30 7:30 6:30
WCCO (416.4m-720kc), Twin City string quartet.
WMC (399.8m-750kc), Memphis Plectrum orchestra.
1 a. m. 12 11 10 9
KFWB (252m-1190kc), Peggy Mathews, blues singers.
WBAP (475.9m-630kc), Velma Dean, blues singer.
2:30 1:30 12:30 11:30 10:30
KGW (491.5m-610kc), Hoot Owls.

Friday, silent night for: KLDS, KPRC, KPSN, KWWG, WBBR, WCAD, WCBD, WGBS, WIP, WJAZ, WKRC, WLIT, WLW, WLWL, WOR, WREO, WRVA, WSAI, WSMB, WSUI, WTAM.

Atlantic or Eastern Daylight Saving Time Stations

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., Edna Bockstein, pianist; 7:45, Gertrude Bardusch, contralto; 8, Albert Reiss, vibraphone; 8:15, William Helfenstein, baritone; 8:30, Radio World's Fair; 9, Constance Menkel, Lithuanian soprano; Helen DeWitt Jacobs, violinist; Walter Leary, baritone; 10, Radio World's Fair.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg instrumental trio; 8, Barry O'Moore, Irish tenor; 8:30, Anita Lyons, songs; 8:45, Miss Bambina, piano accordion; 9, Regina Crooners; 9:15, Sam Gold, Murmuring baritone; 10, Myer's Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 7, Meyer Davis' Park Lane orchestra; 8:30, Wandering minstrels, WCAE; 9, La France orchestra, WEEI, WGR, WOO; 10, Whittall Anglo-Persians, WEEI, WRC, WTAG, WJAR, WCAE, WOO, WOC, WGR, WDAF, WCCO, WWJ, KSD, WTAM, WCSH, WGN; 10:30, Jack Albin and his orchestra; 11-12, Pelham Health Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m., Irma Fosdick Gray, soprano; Bob Langston, tenor; 7:30, Knickerbocker Grill orchestra; 8, Brennan and Adams; 8:15, Sara Case, pianist; 8:30, Luna's Marine Band.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., Whiting's Four Merry Milkmen; 8, musicale; 8:30, Neapolitan Girls' quintet; 9, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia dance orchestra.

WHN, New York, N. Y. (361.2m-830kc), 8-8:30 p. m., Treasureland Home Owners ensemble; 9-9:30, orchestra; 9:30-11, music; 11-11:30, Strand Roof orchestra; 11:30-12, Roseland dance orchestra; 12-12:30, Silver Slipper orchestra.

WJAR, Providence, R. I. (485.1m-618kc), 8:35 p. m., musicale; 10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., George Olsen's Pennsylvania hotel orchestra; 9, Sundial Shoe serenaders, Bonnie Laddies, 10:30, Hotel Belleclaire Tower orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 9, Schickerling string quartet; 10, Arcadia cafe dance orchestra; 11, Freshman Masterpiece hour.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:05 p. m., WGY orchestra; 8:15-10:30, WGY players.

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., McAlpin orchestra; 7:30, Monte Carlo by the Sea orchestra; 8, Midland Beach orchestra; 8:45, Broadway Association orchestra; 9:30, Klein's serenading shoemakers.

WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra; 8, WOO orchestra; 9, La France orchestra; 9:30, Fox theater program; 10, Sesquicentennial concert; 10:30, Sam Brown's dance orchestra.

KOA TO TEST MICROPHONE HUMOR

More than fifteen million people will hear Mary Lewis, famous soprano of the Metropolitan Opera, sing when she broadcasts simultaneously from thirty-three stations Wednesday, September 15. Miss Lewis is one of the headliners of the Third Radio Industries Banquet. To the right is a member of the Trio Novelette, Audrey Perlstein. Miss Perlstein is the pianist of the group whose programs at WQJ, Chicago, have delighted fans with their versatility.

WOR, Newark, N. J. (405.2m-740kc), 6:35 p. m., Hotel Bretton Hall string quartet; 7, Hotel Bretton Hall string quartet; 7:30, Crystal Palace; 8:30, Donald H. Baker, organist; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert; 8, Marie Wiester, tenor; Leo Kruczek, violinist.

KYW, Chicago, Ill. (535.4m-560kc), 8 p. m., Edison staff artists; 10:30-12 midnight, Congress carnival.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, WBAL, Jubilee singers; 8-9, Viola Hewitt, soprano; Lillian Howard Mann, contralto; Helen McGraw, pianist; 9-10, ensemble.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 9-10, Harmony Time and staff artists.

WBZ, Springfield, Mass. (333.1m-900kc), 6:05 p. m., Hotel Brunswick orchestra; 8:15, harmonica; 9, Arthur Clifton, organist.

WCFL, Chicago, Ill. (491.5m-610kc), 6:30-7:30 p. m., Florentine string trio; 7:30-8:30, Clarence Theders, baritone; Vella Cook, contralto; 8:30-10, Joe Warner; Cook Sisters; 10-1, Alamo dance orchestra.

WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldlette ensemble; 8-10, Schmeman band; 10, dance music.

WDBO, Winter Park, Fla. (239.9m-1200kc), 8:10 p. m., musicale; 9, Sanlando popular program.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., dinner concert; songs, Edgar Scott; 9-9:45, Edgewater Beach hotel orchestra; selections, specialties; 11-12:30 a. m., dance music; harp trio.

WGHB, Clearwater, Fla. (266m-1130kc), 8:30-10 p. m., pipe organ, Dr. D. A. Dunseith; Frederick Hubbard, organist; Mrs. Ethel Morand Weber, soprano; Mrs. Maude Sheridan, contralto; Mrs. F. S. Barrett, violinist.

WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8, children's half hour, Uncle H. C. B. and Music Lady; 9:30-10, string soloists, Frederick Stearns and company; 10-11, WGHP entertainers; 11-12, Melody Makers.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., request program, Drake concert ensemble, Blackstone string quintet; 7-15-8, Paul Ash's orchestra; 8-8:30, musical program; 8:30-9, Curfew Capers; 9-9:30, WEAF; 9:30-10, Phantom violin; 10-10:10, Sam 'n' Henry; 10:10-10:22, Music Box; 10:22-11, WGN studio ensemble.

WGR, Buffalo, N. Y. (319m-940kc), 8:30-9 p. m., Solow soloists; 9-9:30, WEAF; 9:30-10, Edna Zahm and friends; 10-10:30, WEAF; 11-1, Vincent Lopez Hotel Statler orchestra.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., instrumental trio; 7, Temple Beth Emeth, "Yom Kippur;" 9, orchestra; 9:30, travelogue.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Pat Barnes; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10-1 (399.8m-750kc), Al Carney, organist; Rita McFaun, soprano; Oscar Heather, tenor; Rita McFaun, soprano; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Chez Pierre orchestra; Walter Lewis, baritone; Eulalie Kolur, pianist.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Detroit Trade Expansion program; 8, concert.

WLIB, Chicago, Ill. (302.8m-990kc), 11-11:20 p. m., Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Drake hotel dance orchestra; Fred Hamm's orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 6:45, Maurie Sherman's College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, organ concert, Ralph Emerson; 8, Surprise time, orchestra, Ford and Glenn; 9, Cyrena Van Gordon, contralto; 10:30, Medicine show; 11, Ralph Emerson, organist.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8:30, Emerson Abernathy, baritone; 9, Yom Kippur, Jewish services Medinah temple.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; John Stamford, tenor; Vella Cook, contralto; Norman Harte, baritone; 9-11, Trianon orchestra; Borden brothers; Harmony duo; Bob Bennett.

WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble concert; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.

WORD, Batavia, Ill. (275.1m-1090kc), 8 p. m., musical program; 9, musicale.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10:25-2 a. m., Dr. H. Lucille Long, woman harmonica player; Muriel Olsen, blues singer; Harry Brooker, baritone.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., Wardman Park trio; 8, WJZ; 9, WEAF; 9:45, organ.

WRVA, Richmond, Va. (256.3m-1170kc), 8:15 p. m., Richmond's Advertising club stunt program; 10, orchestra.

WSWS, Chicago, Ill. (275m-1090kc), 6-7 p. m., classical program; 8-9, East Chicago community quartet; 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:30 p. m., Emerson Gill and his Bamboo Garden orchestra; 8, Frank R. Wilson's Euclid beach park orchestra; 9, WEAF, 9:30, studio program; 11, Jack Horwitz Collegian serenaders from Far East restaurant.

WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., piano recital, Laura Gaudet; 7:15, Fiddle an' Bee; 7:30, Trevelers Recreation Grounds orchestra; 8:30, Charles Scanlon, tenor; 8:45, Clinton Community choral club; 9:30, WTIC's mail bag; 9:45, The "Debutants" period.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., variety program.

KFDM, Beaumont, Texas (315.6m-950kc), 8-10 p. m., Refinery band.

KFNF, Shenandoah, Iowa (461.3m-650kc), 7:30 p. m., Widney sisters.

KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m., musicale.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, KMOX Radio orchestra; 8, Colonel 6121; 9, Do Re Mi Double quartet; 9:30, Scotch program, Caledonian society; 10, KMOX Radio orchestra.

KPRC, Houston, Texas (296.9m-1010kc), 7:30 p. m., Frank Tilton, pianist; 8, Robert M. Chamber, baritone; 8:30, pipe organ; 10, slogan prizes.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:50 p. m., Charles Garden, saxophonist; 9:30-10, Meyer Davis ensemble.

WAMD, Minneapolis, Minn. (244m-1230kc), 6 p. m., Radisson hotel orchestra; 7:15, WAMD opera company.

WBAP, Ft. Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Panther Hawaiian trio; 9:40-11, concert, Artie Collins' dance orchestra; 11-12, Velma Dean, soloist, popular song hits; Aylene Hoffman, pianist.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; 8, WEAF; 8:30, Twin City string quartet; 10:05, Emmet Long's Nankin cafe orchestra; George Getsey, baritone.

WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., Saenger theater orchestra; Harry Davis, tenor; Dr. C. J. Heinberg, violinist; Dan Saccaro, harmonica soloist; Mrs. Terrell Covington, vocalist; Mrs. Lewis Bear, pianist.

WDAF, Kansas City, Mo. (356.6m-820kc), 6-7 p. m., School of the Air; 8-8:30, WEAF; 8:30-9:15, WDAF players; 11:45-1 a. m., Nighthawk frolic; Charlie Straight's Brunswick recording orchestra; Ted Meyn, organist; Earl Coleman's orchestra.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Honey Boys' orchestra; 8:30-9:30, Mrs. A. Smith, soprano; Mrs. Howard Parks, contralto.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Arthur Richter, organist; 8, studio program.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert.

WHO, Des Moines, Iowa (526m-570kc), 7:30-8 p. m., Philbreck and his Younker tea-room orchestra; 8-9, studio concert; 11-12, dance music.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Cooper Cord Novelty orchestra; 11, organ recital, Harry O. Nichols.

WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., San Antonio College of Music program.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, Red Feather program; Angelo Lupo's dance orchestra, soloists.

WOC, Davenport, Iowa (483.6m-620kc), 5:45-6 p. m., chimes concert; 8-8:30, WEAF; 8:30-9:30, John McGreevy, baritone; Emil Haas, reader; Archibald Sowden, violinist.

WOS, Jefferson City, Mo. (440.9m-680kc), 8:20 p. m., 35th Division reunion association.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, Charles A. Sheldon, organist.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel orchestra; 8, program; 10, studio program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6.30 p. m., Brown Palace string orchestra; 8, KOA orchestra; 8:25, Rocky Mountain News, Denver Times.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Lou Parker, popular songs, and others; 8-9, Aeolian organ; 9-10, Golden hour trio and soloists; 10-11, Packard ballad hour.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, Bert Farrar, inc.; 9-10, Bill Hatch and his orchestra; Peggy Mathews, blues singer; 10-11, Warner Brothers' frolic.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Bem's Little symphony orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9:30, Temple Beth Israel; 10:30-12, Hoot Owls.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times de luxe program.

KLX, Oakland, Calif. (508.2m-590kc), 8-9:45 p. m., Western Auto Supply company; 9:45-10:30, orchestra.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., feature program; 8-9, program, Frank Meline company; 9-10, Order of Optimistic Donuts; 10-11, program, Dickenson and Gillespie; 11-12, Ambassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 8-9, studio program; 9-10, Palace hotel Rose Room dance orchestra; 10-11, States Restaurant orchestra.

KTAB, Oakland, Calif. (302.8m-990kc), 8-10 p. m., program.

Saturday, September 18

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
3:45 p.m.	2:45	1:45	12:45	11:45

KDKA (309.1m-970kc), Epworth League rally.

6	5	4	3	2

KYW (535.4m-560kc), Epworth League rally.

9	8	7	6	5

WBZ 333.1m-900kc), Hercules Zenopoulos, Hawaiian guitarist.

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

WLW (422.3m-710kc), Week End serenaders.

10	9	8	7	6

WSM (282.8m-1060kc), Tennessee State fair.

10:15	9:15	8:15	7:15	6:15

WCCO (416.4m-720kc), Ronning saxophone quartet.

Atlantic	Eastern	Central	Mountain	Pacific
11:30 p. m.	10:30	9:30	8:30	7:30

WBAP (475.9m-630kc), Hired Hand's little symphony.

Saturday, silent night for: KFUO, KMA, KTAB, KWWG, WBAL, WCAL, WCAU, WCBD, WCX, WEBJ, WEEI, WFI, WGBF, WGCP, WGPH, WHA, WHAD, WHN, WHO, WJAR, WLWL, WOO, WOS, WRVA, WTAG, WTIC, WWJ.

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 9 p. m., Chateau Laurier dance orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 7, Al Lentz Hofbrau orchestra; 7:30, John Quine, baritone; 8, Savoy orchestra; 9, comedy hits, WEAF Musical Comedy troupe; 10, Ben Bernie's orchestra; 11-12, Rolfe's Palais D'Or orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia dance orchestra; 8, recital.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Waldorf Astoria Roof orchestra; 10:30, Hotel Astor Roof orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:30 p. m., Shea's Buffalo theater program.

WMCA, New York, N. Y. (340.7m-880kc), 7:30 p. m., Monte Carlo by the Sea orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, McAlpin entertainers.

WNYC, New York, N. Y. (526m-570kc), 7:20 p. m., piano selections; 8:30, band concert, Central park.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert, Flotilla club; 8, Westinghouse band; Earl Renner, tenor.

KYW, Chicago, Ill. (535.4m-560kc), 7 p. m., music hour; 8, KYW's Congress hotel studio; 9-10:30, classical concert; 10:30-12 midnight, Congress carnival; Benson orchestra.

PWX, Havana, Cuba (400m-750kc), 8:30-11 p. m., Typical Cuban concert.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 8-9:30, Harmony time and staff artists; 9:30-10, Moss covered melodies; 10-11:30, Variety hour, staff artists; 11:30-12:30, Supper club; 12:30-2 a. m., Pacific Coast Special.

WBZ, Springfield, Mass. (333.1m-900kc), 6:05 p. m., Capitol theater orchestra; 8, Hercules Zenopoulos, Hawaiian guitarist; 8:30, Hotel Westminster orchestra; 9, musicale.

WCFL, Chicago, Ill. (491.5m-610kc), 6:30 p. m., Florentine string trio; 7:30-8:30, Johnson Sisters; Clarence Sullivan, Irish tenor; 8:30-10, Hickey and Johnson; Joe Warner; 10-1, Alamo dance orchestra.

WCX, Detroit, Mich. (516.9m-580kc). 6-7 p. m., Goldkette ensemble; 8-10, studio program; 10, dance music.

WDBO, Winter Park, Fla. (239.9m-1200kc), 8:25 p. m., Fred Hart, ukulele soloist; 9, Winter Park Chamber of Commerce program; 11, midnight frolic; Owens and Willox.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Sunday School lesson; dinner concert, Edgewater Beach orchestra; songs, Florence Behrend; string quartet; 9-9:45, dance music; vocal, instrumental selections; 11-12. dance music, quartet; Carl Linner, pianist; 1-2 a. m., dance music, specialties.

WGN, Chicago, Ill. (302.8m-990kc), 6:35-7 p. m., dinner music, Drake concert ensemble; Blackstone string quintet; 8:10-8:20, Drake concert ensemble; 8:20-8:30, Correll and Gosden; 8:30-9, Fred Hamm and his orchestra; 9-9:30, light opera period; 9:30-10, musical program; 10-10:10, Sam 'n' Henry; 10-10:22, Music Box; 10:22-11, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Shea's Buffalo theater; 9:30, dance program.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Eleanor Gilmour, soprano; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1, (399.8m-750kc), Pat Barnes, Al Carney; John Norton, harmonica soloist; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc, 9-1 a. m., Earl Hoffman's Chez Pierre orchestra; Max Siegel, tenor; Avery McIntyre, pianist; Elmer Winthrop, baritone; Chez Pierre Hawaiian quartet.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:30, Lagoona Gondoliers; 8. concert; 11:30, Merry Old Chief and Jewett Jesters.

WKRC, Cincinnati, O. (325.9m-920kc), 10 p. m., Swiss Garden frolic; 11, Sam Jones; 11:15, Louisville Loons.

WLIB, Chicago, Ill. (302.8m-990kc), 7:05-7:15 p. m., Old Fashioned Almanack; 7:15-7:30, Drake concert ensemble; Blackstone string quintet; 7:30-8, Drake concert ensemble; Pattison Coates, baritone; 11-11:20, Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Ambrose Larsen, organist; Drake hotel dance orchestra; Fred Hamm's orchestra.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 7:15-1 a. m., National barn dance, fiddlers; Journal Surprise time; Sherman's College Inn orchestra; Ford, Glenn and Ralph; Indiana Radio artists' talent contest.

WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., organ concert, Johanna Grosse; 7:30, Seckatary Hawkins; 8, Johanna Grosse; 8:30, Week-end Serenaders; 9, Castle Farmers.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8, musical potpourri; 9, Chicago theater weekly Radio revue.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; Franklin Kidd, tenor; Davida Boys, whistler; Preston Graves; 9-11, Trianon orchestra; Jimmie Eggert; Eddie Wallace; Jack Goodwin; Sandy McTavish.

WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.

WORD, Batavia, Ill. (275.1m-1090kc), 7 p. m., Webster hotel concert program; 9, studio program.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-3, Rainbo Gardens orchestra; Harry Geise.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., Hotel Washington orchestra; 7:30, WJZ; 9:30, WJZ; 10:30, Kitt hour of music; 11:15, organ; 11-12, Otto F. Beck, organist.

WSAI, Cincinnati, O. (325.9m-920kc), 8:30 p. m., sextet; 9:30, popular songs.

WSWS, Chicago, Ill. (275m-1090kc), 6-7 p. m., classical; 8-9, Henri Therrien; orchestra; 10-11, Georgia Gray, violinist; Ned Becker, humorist; 12-1, Witching hour.

WTAM, Cleveland, O. (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, studio program; 8, Hollenden hotel orchestra; 9, vaudeville program from studio; Ev Jones' Merrymakers and assisting entertainers.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Colt Park Municipal dance orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 7:30 p. m., Goldman band concert.

Central Standard Time Stations

KFAB, Lincoln, Neb. (340.7m-880kc), 8:30-10:30 p. m., orchestra; quartet.

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program; 11, old-time music.

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., studio program.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Ray-O-Vac twins.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, Little Red Schoolhouse; 8, K. of C. quartet; KMOX Radio orchestra; Porter Brown; 9, "The Night Herd," drama; 9:30, orchestra; 10-11, dansant nuit KMOX Radio orchestra.

KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:30 p. m., Leo Kearse, pianist; 7:30, Grace Poole Steinberg, soprano; 11, Lyric serenaders.

ARARAT TEMPLE CHANTERS AT WDAF

KPRC, Houston, Tex. (296.9m-1010kc), 8 p. m., South End Christian church; 9:30, Skyline studio concert; 11, J. Benson Carlisle, pipe organist.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., dance concert, New Arlington hotel orchestra; 9:45-10:10, Lawson Reid, organist.
WBAP, Ft. Worth, Tex. (475.9m-630kc), 8-8:30 p. m., Fort Worth club orchestra; 9:30-11 p. m., Hired Hand's Little symphony.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert, Wesley Barlow's Nicollet hotel orchestra; 8:15; Ronning Saxophone quintet; Dale mixed quartet; 9, San Souci trio; 10:05 dance program.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-9, around the town; 11:45-1 a. m., Nighthawk frolic; Charlie Straight's Brunswick Recording orchestra; Earl Coleman's orchestra; popular songsters.
WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joys' Baker hotel orchestra; 8:30-9:30, Tom D. Collins stringed orchestra; 11-12, Jack Gardner's Adolphus hotel orchestra.
WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Wisconsin Hotel Badger Room orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), concert.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Memphis Pectrum orchestra.
WOAW, Omaha, Nebr. (526m-570kc), 9 p. m., program.
WOC, Davenport, Ia. (483.6m-620kc), 5:45-6 p. m., chimes concert; 9-10; Mrs. Frank Thul, soprano; Herbert Silberstein, violinist; John Gerwe, tenor.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Atwater Kent hour; 10:45, Red head club.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., dinner concert, trio; 8, popular and barn dance program.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Billy Cox and his orchestra; 8-9, Angelus string quartet; 9-10, varied program; 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., studio program; 9-10, Julius H. Phillips, tenor; June Parker, blues singer and dance orchestra; 10-11, Warner Brothers frolic.
KGO, Oakland, Calif. (361.2m-830kc), 4-5 p. m., Bem's Little simphony orchestra; 9-1 a. m., dance music, Wilt Gunzendorfer's Hotel Whitcomb band.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, George Rose and his band; solos, Punch Green.
KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times de luxe program; Karl Brandenburg, tenor.
KNX, Hollywood, Calif. (336.9m-890kc), 7:30 p. m., program, Dearden's Furniture co., 8-10, KNX feature program; 10-11, Ambassador hotel dance orchestra; 11-2 a. m., Hollywood Nite frolic, Edgewater club.
KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7:30 p. m., States Restaurant orchestra; 8-10, Mandarin cafe orchestra; Maurice Gunsky, tenor; Merton Bories, pianist; 10-12, Clift hotel dance orchestra.

Sunday, September 19

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
7:20 p. m.	6:20	5:20	4:20	3:20

WEAF (491.5m-610kc), WEEI (348.6m-560kc), WRC (468.5m-640kc), WWJ (352.7m-850kc), KSD (545.1m-550kc), WCAE (461.3m-650kc), Capitol family.

1	12	11	10	9

KFWB (252m-1190kc), Motion picture frolic.
WFAA (475.9m-630kc), Harry F. Hassall and his symphony orchestra.

1:15	12:15	11:15	10:15	9:15

WKRC (325.9m-920kc), Louisville Loons.

Sunday, silent night for: CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KFKX, KFOA, KFXF, KMA, KWWG, WAHG, WEBJ, WFI, WGBF, WGHB, WGHP, WHAS, WJJD, WJR, WLIT, WLWL, WMAQ, WMC, WNYC, WOI, WOO, WOOD, WREO, WRVA, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

WCAU, Philadelphit, Pa. (277.6m-1080kc), 5 p. m., undenominational church services; 5:40, recital; 6:30, Hotel Pennsylvania concert orchestra; 7:30, Cathay concert orchestra.
WEAF, New York, N. Y. (491.5m-610kc), 3 p. m., Greater New York Federation of Churches; 4:30, Federaation mixed quartet; 7:20, Capitol family, WEEI, KSD, WRC, WWJ, WJAR, WCAE; 9:15, Atwater Kent program; WEEI, WGR, WRC, WWJ, WSAI, WGN, WCCO, KSD; 9:45, musicale.
WEEI, Boston, Mass. (348.6m-860kc), 2 p. m., Sager's hour of hospitality; 7:20, WEAF; 9:15, WEAF; 9:45, Keith's Radio review.
WFI, Philadelphia, Pa. (394.5m-760kc), 10:20 a. m., services, Arch St. Methodist Episcopal church.
WIP, Philadelphia, Pa. (308.2m-590kc), 10:45 a. m., services, Holy Trinity church.
WJAR, Providence, R. I. (485.1m-618kc), 7:20 p. m., WEAF; 9:15, musicale.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Baptist church carillon; 8, program; 9:30, Godfrey Ludlow, violinist.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Ernie Golden and his Hotel McAlpin orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 2:30 p. m., musical exercises, Bethany Sunday school; 6, organ recital; 7:30, services, Bethany Presbyterian church.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 11 a. m., Second Presbyterian church; 4, studio concert; 9:30-11, classical concert.
WBAL, Baltimore, Md. (245.8m-1220kc), 7:30-8:30 p. m., WBAL concert orchestra.
WBBM, Chicago, Ill. (225.4m-1330kc), 8-10 p. m., Melody hour, staff artists; 12, The Nutty club.
WBZ, Springfield, Mass. (333.1m-900kc), 7 p. m., Copley Plaza concert; 8, Golden Rule hour; 9, Knights of Pythias male quartet.
WCBD, Zion, Ill. (344.6m-870kc), 9 p. m., brass quartet; P. B. Newcomer, cornetist; duets; Chester Bagg, baritone.
WCX, Detroit, Mich. (516.9m-580kc), 7:15 p. m., service.
WDBO, Winter Park, Fla. (239.9m-1200kc), 7:30 p. m., outdoor church, City Park green.
WEBH, Chicago, Ill. (370.2m-810kc), 10:45 a. m.-12 noon, Seventh Church of Christ Scientist; 7-9 p. m., Edgewater Beach hotel orchestra; concert; Kenyth Dunn, pianist.
WGHP, Detroit, Mich. (270.1m-1110kc), 11 a. m., Grosse Pointe Memorial church.
WGN, Chicago, Ill. (302.8m-990kc), 6:45 p. m., musicale; 7-7:20, Million sing; 7:20-7:30, Old-Fashioned Almanack; 7:30-8, musicale; 8-8:15, Drake concert ensemble, Blackstone string quintet; 8:15-8:45, WEAF; 8:45-9, musical program; 9-10, Our Music room; 10-10:10, Sam 'n' Henry; 10:10-11, WGN studio ensemble.
WGR, Buffalo, N. Y. (319m-940kc), 7:45 p. m., Central Presbyterian church; 9:15-10:15, WEAF.
WGY, Schenectady, N. Y. (379.5m-790kc), 9:30 a. m., St. George's Episcopal church; 6:05 p. m., WJZ.
WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul Rader.
WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Chez Pierre; Hazel Sims, pianist; Frances Rosemary Scheiley, soprano; Ethel Schwertzler, violinist; Chez Pierre orchestra.
WJR, Pontiac, Mich. (516.9m-580kc), 10 a. m., First Baptist church; 8, concert; 10, special song service, First Baptist church.
WKRC, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., Walnut Hills Christian church; 11:15, Louisville Loons; 12, Marie Turner, blues and ballads; 12:15, Louisville Loons.
WLIB, Chicago, Ill. (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.
WLS, Chicago, Ill. (344.6m-870kc), 7-8:55 p. m., Little Brown church in the Vale; Sol Heller, baritone.
WLW, Cincinnati, Ohio (422.3m-710kc), 7:30 p. m., First Presbyterian church; 8:30, Crosley Salon orchestra.
WMBB, Chicago, Ill. (250m-1200kc), 3-5 p. m., Trianon orchestra; 7-8, Sunset musicale; Frank Bordner; 9-11, Trianon orchestra; ensemble; Lombards; Irwin Schadler, zither soloist; John Stamford, tenor; Bob Bennett, pianist.
WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater organ.
WORD, Batavia, Ill. (275.1m-1090kc), 10 a. m., services; 2:30, program; 10:45, Bible lecture.
WQJ, Chicago, Ill. (447.5m-670kc), 3-4 p. m., Dorothy Rae, soprano; William Mattei, baritone; Elbert Bartlett Wheeler, tenor; Jacob Hannemann, pianist; 8-10, choir, Holy Family church.
WRC, Washington, D. C. (468.5m-640kc), 11 a. m., service; 4 p. m., service; 6:20, WEAF; 8:15, WEAF; 8:45-10, vesper hour.
WSAI, Cincinnati, O. (325.9m-920kc), 7:45 p. m., chime concert, Robert Badgley; 8:15, WEAF; 8:45, WEAF.
WSWS, Chicago, Ill. (275m-1090kc), 11 a. m., Moody church; 3:30 p. m., popular service; 7-9, song service.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden hotel orchestra; 7, Park theater orchestra; 8, Twilight musicale.
WWJ, Detroit, Mich. (352.7m-850kc), 2 p. m., Detroit News orchestra; 6:20, WEAF; 8:15, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 9-10 p. m., evening musicale.
KFNF, Shenandoah, Ia. (461.3m-650kc), 10:45 a. m., First M. E. church; 2:30 p. m., Seed house song service; 3, religious services; 6:30, Golden Rule Circle; 8, Christian church services.
KLDS, Independence, Mo. (440.9m-680kc), 11 a. m., studio service; 9:15, studio service.
KMOX, St. Louis, Mo. (280.2m-1070kc), 9 p. m., Skouras Brothers night club.
KOIL, Council Bluffs, Ia. (305.9m-980kc), 11 a. m., First Congregational church; 7:30, Charlestonians; 11, Lyric serenaders.
KPRC, Houston, Texas (296.9m-1010kc), 10:50 a. m., First church of Christ, scientist; 3 p. m., Wichita Falls-Houston baseball game; 9:30, concert; 11, Texan theater pipe organ concert.

Senorita Raquel Nieto, formerly of the Mexican Grand Opera, and now a resident of Los Angeles, is heard weekly over Station KFWB. She has one of those uncommonly rare soprano voices that broadcast well. For the past few months the audience of WBZ has been listening to a new voice, that of Aidan Redmond, left, conducting the programs of that station from the Hotel Brunswick studio. Although only twenty-two, the rich strength and refinement of his voice give an impression of older years.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m.-12:15 p. m., First Presbyterian church; 9:10-10, classic hour, Lon Chassy and his Meyer Davis ensemble.
WBAP, Ft. Worth, Tex. (475.9m-630kc), 11 a. m.-12:30 p. m., First Methodist church; 9:30-11:30, Sorin White Top O' Texas orchestra.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 10:50 a. m., Plymouth Congregational church; 4:10 p. m., House of Hope Presbyterian church; 7:15, WEAF; 9:30, Hugo Philler Goodwin, organist.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., Emmanuel college school of music.
WDAF, Kansas City, Mo. (365.6m-820kc), 3-3:30 p. m., classical musical program; 4-4:45, services.
WFAA, Dallas, Texas (475.9m-630kc), 6-7 p. m., Bible class, gospel songs; 8-9, First Presbyterian church; 11-12, Harry F. Hassall and his symphony orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 9:57 a. m., organ prelude; 10, Fourth Avenue Presbyterian church; 4:30-5:30 p. m., choral evensong service, Christ church cathedral.
WHB, Kansas City, Mo. (365.6m-820kc), 9:40 a. m., Linwood Blvd. Christian church; 8-9:15 p. m., church services; 11:15-1, Linwood Radio feature, Morrill Moore, organist.
WHO, Des Moines, Ia. (526m-570kc), 11 a. m., service; 5-6 p. m., Bankers Life Little symphony; 7:30-8:30, Hotel Fort Des Moines orchestra; 11-12, musical program.
WOAI, San Antonio, Tex. (394.5m-760kc), 11 a. m., First Presbyterian church; 7:45 p. m., Central Christian church.
WOAW, Omaha, Nebr. (526m-570kc), 9 a. m., chapel service; 1:30 p. m., Father Flanagan's Boys' home period; 2:30, old time songs for shut-ins; 9, chapel service.
WSB, Altanta, Ga. (428.3m-700kc), 5 p. m., sacred concert; 8, North Avenue Presbyterian church.
WSM, Nashville, Tenn. (282.8m-1060kc), 10:30 a. m., First Presbyterian church.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 10:55 a. m., church; 4:30 p. m., Karl O. Staps, organist; 6:30, Lamont School of Music; 7:45, St. John's Episcopal cathedral.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Jim, Jack and Jean trio; 8-9, Aeolian organ; 9-10, Lake Arrowhead dance orchestra; 10-11, Packard Six dance orchestra, Dolly MacDonald, soloist.
KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Brothers Sunday night movie frolic.
KGW, Portland, Ore. (491.5m-610kc), 10:25-12 noon, church; 7:30-9 p. m., church; 9-10, concert, Little symphony orchestra.
KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., First M. E. church service; 8-10, Orpheus Four male quartet.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., First Presbyterian church of Hollywood, 8-9, Circle theater organ and orchestra; 9-10, program, Beverly Hills Nurseries.

Monday, September 20

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p. m.	8	7	6	5

WHAZ (379.5m-790kc), Criterion male quartet.

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

WCOA (222m-1350kc), Pensacola Philharmonic orchestra.

9:45	8:45	7:45	6:45	5:45

WCAU (277.6m-1080kc), Count Tom Kelly, Irish comedian.

1	12	11	10	9

WBAP (475.9m-630kc), Louisiana serenaders.

Monday, silent night for: KHJ, KLDS, KPSN, KYW, WBBM, WCBD, WCFL, WEBH, WEBJ, WENR, WFI, WGBF, WGBS, WGES, WGN, WGY, WHAS, WHT, WIBO, WIP, WJAZ, WJJD, WLIB, WLS, WMAQ, WMBB, WOC, WOK, WORD, WQJ, WSAI, WSWS.

Atlantic or Eastern Daylight Saving Time Stations

CHIC, Toronto, Can. (356.9m-840kc), 8 p. m., George H. Graham, organist.
CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Toronto Conservatory instrumental trio.
WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:45 p. m., Walter Loose, pianist; 8, Synchrophase hour; 9:15, artists' recital; 10, popular program; 12, midnight variety program.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital by N. Snellenburg and co.; 8, The Three Rascals; 8:15, Virginia Klein, pianist; 8:30, recital; 8:45, Merry Minstrels; 9:30, Chalfont Sisters, harmony songs; 9:45, Count Tom Kelly, Irish comedian; 9:50, Maurice Patton, tenor.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid., dinner music; Meyer Davis' Park Lane orchestra; "Samson and Delilah," Grand opera company; Al Lentz' Hofbrau orchestra.
WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by the Sea orchestra; 9:15, Hardman hour of music; 10:15, food show; 12, McAlpin entertainers.
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections; 6:20, piano selections.
WOO, Philadelphia, Pa., (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra; 8, organ recital, Mary E. Vogt; 8:30, Sesquicentennial concert; 10:30, Sam Brown's dance orchestra.
WOR, Newark. N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Brooklyn Daily Eagle program; 8, Newark Philharmonic band; 9:00, Klein's Serenading Shoemakers; 10, Monterey society orchestra; 10:30, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, mixed quartet; 8-9, WBAL trio, 9-10, WBAL dance orchestra.
WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Lenox ensemble; 6:33, Bob Patterson's Hotel Kimball trio; 8, Capitol theater orchestra; 8:30, organ recital, Rene Dagenais; 9, Aidan Redmond, baritone; Mae Gorman; 9:30, Max Krulee and his orchestra.
WEEI, Boston, Mass. (348.6m-860kc), 8:15 p. m., Varsity Tire entertainers; 9, Cape Cod steamship company program, orchestra; 9:30, Ed Andrews' Nautical dance orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:35 p. m., Adelphia Roof Garden 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. (485.1m-618kc), 8:35 p. m., musical program; 10, grand opera hour.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison dinner orchestra; 7:55, John B. Kennedy; 9, Maxwell House Coffee ensemble; 10:30, Harold Leonard's Waldorf Astoria Roof orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Dream Daddy's bedtime stories; 8, Short Agro Waves; 8:15, Arcadia cafe concert orchestra; 9, Stanley hour of music; 10, Arcadia cafe dance orchestra; 10:30, vaudeville features.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, studio concert.
WDBO, Winter Park, Fla. (239.9m-1200kc), 8-15 p. m., Winter Park Chamber of Commerce; 9, Orlando chamber of commerce program; Hazel Mauer, pianist; Phillip Mauer, reader; Parson Ebony Snow.
WGHB, Clearwater, Fla. (266m-1130kc), 8:30-10 p. m., Homer Moore recital; Bertha Yates, pianist.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8-8:30, Little Symphony orchestra; 8:30-9:30, WGHP ensemble; 9:30-10, Astringo soloists.
WGN, Chicago, Ill. 302.8m-990kc), 6:45-7 p. m., Drake concert ensemble, Blackstone string quintet; 8-9, WEAF; 10-10:10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20-11, WGN studio ensemble.
WGR, Buflalo, N. Y. (319m-940kc), 6:30-7 p. m., Joe Armbruster and his orchestra; 9, Hazel Johnston loset, vocalist; 9:15, Don Lewis' varsity club orchestra; 11, Vincent Lopez orchestra.
WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., dinner program, Hotel Van Curler.
WHAZ, Troy, N. Y. (379.5m-790kc), 8 p. m., Criterion male quartet.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:15, Caspar Lingeman entertainers; 7:45, Good Will Oakland and Chief Pontiac; 8, concert.

WKRC, Cincinnati, Ohio (325.9m-820kc), 8 p. m., Eugene Schmitt, baritone; 8:15, dance program; 8:45, Dave Brinkmoeller, pianist; 9, American Legion; 12, popular program.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Gibson orchestra; 7:40, orchestra; 8, Pat Patrick's orchestra; 9, Calumet Baking Powder Rainbo Garden hour.
WRC, Washington, D. C. (468.5m-640kc), 5 p. m., U. S. Navy band; 7, Mozart string quintet; 8, WJZ; 9-10, WEAF.
WRVA, Richmond, Va. (256.3m-1170kc), 8:40 p. m., Pat Binford, Brick Keck; 9:10, Harmony Boys; 9:30, Joseph Whittemore; 10:30, Hotel Richmond orchestra.
WSAI, Cincinnati, O. (325.9m-920kc), 10 p. m., musical program.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7, Allen Theater orchestra; 8, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., U. S. Coast Academy band; 9, grand opera hour; 10:03, Capitol theater organ.
WWJ, Detroit, Mich. (352.7m-850kc), 7:30 p. m., Goldman band concert; 9, Detroit News orchestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., Eleanor Crump, Mildred Dickinson, orchestra.
KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., concert; 8, poultry talk.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, KMOX Radio orchestra; 8, Colonel 6121; 9, orchestra; 10, orchestra; Anna Beckman, soprano.
KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:03 p. m., Evangeline Higgins, pianist; Roberta Skipton DeVry, soprano; 7:30, Jean Stirling, pianist; 9, Ray Winn and his Paramount orchestra; 10, Barnyard Twins; Crosley Sisters; 11, Ray-O-Vac twins.
KPRC, Houston, Tex. (296.9m-1010kc), Houston Post-Dispatch second annual Radio exposition.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., violin recital, Lon Chassy; New Arlington hotel orchestra.
KWWG, Brownsville, Tex. (278m-1080kc), 8:30 p. m., Spanish songs, Senor Revuelta; Mrs. Dan Crigler, contralto; 9, Mrs. A. A. Hargrove, violinist; Lydia Hernandez, pianist; P. K. McNair, tenor; 12:01 dance program.
WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Speed with Safety orchestra; 9:30-11, Crowley old time fiddle band; 11-12, Louisiana Serenaders.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; 8, WEAF; 9, Scandinavian ensemble; 11:30, organ.
WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., John E. Frenkel; Sybil McNair, pianist; John W. Borjes, violinist; Madame Miller, pianist; Pensacola Philharmonic orchestra.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-9, WEAF; 11:45-1 a. m., Nighthawk frolic; Ted Meyn, organist.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., Lighthouse string quintet.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Hawaiian music; 8:30-9:30, Sears-Roebuck program.
WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Arthur Richter, organ; 8:30, piano; artists.
WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck's Younker Tea room orchestra; 8-9, Bankers Life trio; 11-12, dance program.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Britling's Cafeteria novelty orchestra.
WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Sunshine Laundry orchestra.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, classical.
WOS, Jefferson City, Mo. (440.9m-680kc), 8:15 p. m., program, Roye B. Hinkle.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Sears Roebuck program; 10:45, concert.
WSM, Nashville, Tenn. 282.8m-1060kc), 7 p. m., Andrew Jackson hotel orchestra; 8, Tennessee State fair; 10, Vito and his Radio Seven.
WSUI, Iowa City, Ia. (483.6m-620kc), 8 p. m., musical program; 11:15, organ program, Pastime theater.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 8 p. m., Scheuerman's Colorado orchestra; 8:15, football talk; 8:25, Dr. Clyde Englund, baritone; orchestra; Florence Wahl, contralto; Scotty Middleton, tenor; Tom Cahill, tenor; two-piano selections.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; 8-9, classic hour; 8-10, program, KPO for Walter M. Murphy Motors co.; 10-11, program, arranged Meiklejohn Brothers.
KFWB, Hollywood, Calif. (252m-1190kc), 7:30-8 p. m., Dr. Ralph Mitchell and Associated Dentists; 8-9, Sealy Mattress company; 9-10, American Dye Works program; 10-11, Warner Brothers frolic.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 7-7:30, Movie club; 8-9, concert.
KLX, Oakland, Calif. (508.2m-590kc), 8-9 p. m., special program; 9-10 Lake Merritt Ducks.
KNX, Hollywood, Calif. 336.9m-890kc), 7-7:30 p. m., Music Arts Studio bldg. program; 7:30-8, program, Overell's, 8-9, L. W. Stockwell co. program; 9-10, program, Julian Petroleum corp.; 10-11, M. Weinstein program, with Alexandria hotel dance orchestra; 11-12, Ambassador hotel dance orchestra.

Tuesday, September 21

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9 p. m.	8	7	6	5
WSWS (275m-1090kc), "The Magic Crystal."				
9:30	8:30	7:30	6:30	5:30
WIAS (399.8m-750kc), Carl Zoeller's Melodists.				
10:30	9:30	8:30	7:30	6:30
WHAD (275m-1090kc), Wisconsin theater review.				
12	11	10	9	8
KFI (467m-642kc), Screen Artists' string quartet.				
12:15	11:15	10:15	9:15	8:15
WKRC (325.9m-920kc), Chubby Lieber, patty-cake man.				

Tuesday, silent night for: KFH, KFKX, KFUO, KOA, KOB, KTAB, KWWG, WAHC, WAMD, WBBR, WGCP, WOR, WOS, WRVA, WSMB, WSUI, WTAM, WTIC.

Atlantic or Eastern Daylight Saving Time Stations

WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 8, Salon concert, WEEI, WFI, WCAE, WWJ, WGR, WTAM, WSAI; 8:30, Stratford male quartet; 9, Eveready hour, WFI, WEEI, WCAE, WGR, WWJ, WOC, WJAR, WCCO, WTAM, KSD, WTAG, WGN, WSAI; 10, Moment musicale, WEEI, WGR, WTAG, WCAE, WFI, WWJ, KSD, WTAM, WCSH; 10:30, Rolfe's Palais D'Or orchestra, WEEI, WFI, WWJ, WCAE, WGR, WTAM, KSD, WCSH.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, Andy Stanton, songs; 8:15, Gurnse Buttermaker; 8:30, Peter Ricci, baritone; 8:45, Charlie Higgins, songs; 9, Al Wohlman, songs; 9:30, recital; 9:45, Chic Griffiths, piano fiend; 10, Cathay orchestra.
WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m., Melville Five; 7:45, Carl Corbalis, baritone; 8:15, Al Becker, banjoist.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden dance orchestra; 8, WEAF.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, recital; 10, dance orchestra; 11, organ recital.
WJAR, Providence, R. I. (485.1m-618kc), 8:10 p. m., musical program; 8:30, WEAF; 9, WEAF.
WJZ, New York, N. Y. (454.3m-660kc), 7:20 p. m., Waldorf Astoria Roof orchestra; 8:30, Deltah Pearl hour, WGY, WRC; 9, Pennsylvania Railroad hour, WGY, WRC; 10, Cook's Southern Hemisphere cruise, WRC, WGY; 10:45, Hotel Pennsylvania Roof orchestra.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., orchestra; 8:15, Palmer Pen lesson; 10, food show; 11, Hotel McAlpin orchestra.
WNYC, New York, N. Y. (526m-570kc), 7:10 p. m., piano selections; 8, band concert, Prospect park.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:35 p. m., Hotel Bretton Hall string quartet; 7:25, Premier club orchestra; 8:15, Vanderbilt hotel orchestra; 9, Donald H. Baker, organist; 10, Jimmy Caruso's frolic; 10:30, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 7 p. m., music hour, Chicago Evening American studio; 8, Congress hotel; 9-10:30, classical; 10:30-12 midnight, Carnival.
WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, Mandolin orchestra; 8-9, George Bolek, pianist; Helen Broemer, cellist; Edward Jendrek, tenor; 9-10, municipal band.
WBBM, Chicago, Ill. (225.4m-1330kc), 8-9:30 p. m., Melody hour; 10-11:30, variety hour; 11:30-12, supper club.
WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Kimball trio; 8, Hazel Clark Leonard, Helen Hunt, musical program; 9, musical program.
WCBD, Zion, Ill. (344.6m-870kc), 9 p. m., Zion band, male quartet; Mrs. J. D. Thomas, soprano; Richard F. Hire, violinist.
WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, Spinning Wheel hour; 10, Alamo entertainers; 11-1, Alamo entertainers.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 10, Red Apple club.
WDBO, Winter Park, Fla. (239.9m-1200kc), 9:30 p. m., Winter C. of C. program.
WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., dinner concert, songs, harp solos, ensemble; 9-9:45, organ recital; 11-12:30 a. m., Edgewater Beach hotel orchestra, artists.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8, studio program; 8:30-9, studio program; 9-10, Novelty half hour.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Drake concert ensemble; Blackstone string quintet; 8:30-9, musicale; 9-10, musicale; 10-10:10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20-10:30, studio program; 10:30-12:30 a. m., Pepper party.
WGR, Buffalo, N. Y. (319m-940kc), 6:30-7:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8-11:30, WEAF.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., instrumental trio; 7:30, WJZ; 8, WJZ; 9, WJZ.
WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15 (238m-1260kc), organ opening; Riverview orchestra; 10:30-1 (399.8m-750kc), Al Carney, organist; Bel Canto male quartet; Ann Slack, cellist; Riverview orchestra; your hour league.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre; Max Siegel, tenor; John Hemple, baritone.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra, soloists; 8, concert program.
WKRC, Cincinnati, Ohio (325.9m-920kc), 10 p. m., Eugene Perazoo, organist; Al Kirschner, pianist; Chubby Lieber; dance program.
WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; Old Fashioned Almanack; 7:15, dinner music; 7:30, Gold Dust Twins; 11, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., organ concert, Al Melgard; 6:45, Maurie Sherman's College Inn orchestra; 7:30, organ concert, Ralph Emerson; 8, Surprise time; 8:10-8:55, orchestra.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Norine Gibbons, Priscilla Holbrook; 7:30, Castle Farmers; 8:15, Crosley Burnt Corkers; 9, Formica symphony orchestra.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8, book review, Keith Preston; 8:30, Architects' Small House service bureau; 8:40, music; 9, artists; 9:30, Jack Chapman's orchestra; 9:45, Burpan homes.
WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon ensemble, Genevieve Burnham; 9-11, Trianon orchestra; Mabel Bagley, contralto; Sandy McTavish, Scotch comedian.
WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble concert; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.
WORD, Batavia, Ill. (275.1m-1090kc), 9 p. m., musical program; 11, program.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-2, Jack Klein; Leatrice Wood; Martha Biehl; Morton & Mayo; orchestra.
WRC, Washington, D. C. (468.5m-640kc), 7 p. m., Willard hotel orchestra; 7:30, WJZ; 9:30, Kitt hour of music; 10:30, Meyer Davis' Le Paradis band.
WSAI, Cincinnati, O. (325.9m-920kc), 6:45 p. m., chime concert; 7, WEAF; 7:30, musical program; Ray Lombardi, baritone; C. Partington, accordionist; 8, WEAF; 9, musicale.
WSWS, Chicago, Ill. (275m-1090kc), 6-7 p. m., semi-classical concert; 8, Magic Crystal; 10, Matthews Sisters; Terrace Garden orchestra; 12, Witching hour.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudeville and music; 7, Salon concert from WEAF; 7:30, Gold Dust Twins from WEAF; 8, Eveready entertainers from WEAF; 9, Moment musicale from WEAF; 9:30, Dance orchestra from WEAF; 10, studio program; 11, Frank R. Wilson's Euclid beach park orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., program, U. of Nebr.
KFDM, Beaumont, Tex. (315.6m-950kc), 8-10 p. m., orchestra.
KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., old time music, Nebraska city.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, Little Red Schoolhouse; Stark Musical Bears; Helen Musick, soprano; 8, KMOX Radio orchestra; Mrs. H. Carey Korndoefer, contralto; 9, fantasia, "Labor Day"; 10-11, KMOX Radio orchestra, soloists.
KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:03 p. m., Warner Brothers; 7:30, Hawaiian Meloboys; Ray-O-Vac Twins; 8:15, Radio-Jazz orchestra; 11, Ray-O-Vac twins.
KPRC, Houston, Tex. (296.9m-1010kc), Houston Post-Dispatch second annual Radio exposition.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:45-10:30, Lawson Reid, organist.
WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Wagoner family orchestra, old time fiddle music, Hawaiian selections; 9:30-11, Excel orchestra.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:45 p. m., Jeanne Gray; 7, WEAF; 8, program; 9:30, Garrott's Chocolate Soldier; 10:35, Marigold Ballroom orchestra.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 11:45-1 a. m., Nighthawk frolic; Ken Widenor, organist.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Western Four; 8:30-9:30, Elizabeth Gay Jones; 11-12, Jimmy Joy's Baker hotel orchestra.
WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., dinner hour; 8:30, Wisconsin theater review.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Carl Zoeller's Melodists.
WHB, Kansas City, Mo. (365.6m-820kc), 7-7:30 p. m., organ; 8-9, studio concert.
WHO, Des Moines, Ia. (526m-570kc), 7:30-8:30 p. m., 14th Cavalry band; 8:30-9, Irene Palmer, pianist; Ralph Starr, tenor; 11-12, dance program.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., orchestra; 11, Malcolm Burks' Original Seven.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Gebhardt, Mexican players.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program, popular and old-time music; 10:15, Movie club, Dr. Applesauce presiding.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, Bohemian orchestra.
WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., Tennesseeans' orchestra.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., dinner concert, Brown Palace string orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia ballroom orchestra, Parks Sisters; 8-9, Screen Artists' string quartet; Robert Hurd, tenor; 9-10, varied program; 10-11, Packard Radio club.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, Franklin Building and Loan ass'n; 9-10, program, Dan Gridley, tenor; Art Pabst, banjoist; 10-11, Warner Brothers' frolic.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, George Rose and his band; Curt Kramer, pianist.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Weekly visit of Queen Titania and the Sandman; 8-10, Stewart-Warner quartet; Mona Content, concert pianist; 10-11, L. A. Ry. dance orchestra.
KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, Dearden's Furiture company; 8-9, Builders' Finance ass'n program; 9-10, Western Auto Supply co. program; 10-12, Ambassador hotel dance orchestra.

Wednesday, September 22

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5	4

WLIT (394.5m-760kc), Style forecast.

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

WGHP (275m-1090kc), Camp Fire program.

10	9	8	7	6

WHO (526m-570kc), Hapac Grotto male quartet.

11	10	9	8	7

WSAI (325.9m-920kc), Congress Playing Card string quartet.

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

KTHS (374.8m-800kc), Russian music.

For stations silent tonight refer to first Wednesday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 7:30 p. m., Chateau Laurier concert orchestra; 9, studio program, Montreal.
WAHG, Richmond Hill, N. Y. (315.6m-950kc), 8 p. m., concert orchestra; 9, artists 10, Good Humor boys.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., N. Snellenburg recital; 8, Melrose concert quartet; 8:30, Albert Sussman, violinist; 9, songs; 9:30, popular songs; 9:40, Senator Hassenpfeffer; 9:45, Frank Cook, old-time songs; 10, Bittong's Cheer-up club.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, synagogue service; U. S. Army band; Davis Saxophone octet; Ipana Troubadours; Pelham Inn orchestra.
WEBJ, New York, N. Y. (272.6m-1100kc), 8 p. m., Ed Bulgers Radio orchestra; 8:45, Ben Ruty, Michael Savino; 9, Thomas Prytherch, Welch tenor; 9:30, Ormond Aces.
WEEI, Boston, Mass. (348.6m-860kc), 7:30-9:30 p. m., WEAF; 10, musicale.
WFI, Philadelphia, Pa., (394.5m-760kc), 6:45 p. m., Hotel Adelphia dance orchestra.
WHN, New York, N. Y. (361.2m-830kc), 7:30-8 p. m., Loew's Lexington theater organ; 9:30, Loew's New York theater orchestra; 9:30-10, Loew's 7th Avenue theater concert program; 10-10:30, Roseland dance orchestra; 11:30-12, Silver Slipper 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. (485.1m-618kc), 8 p. m., U. S. Army band concert; 8:30, WEAF; 9:05, musicale; 10, WEAF.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 8, Imperial Imps; 10, Record Boys; 10:30, Hotel Astor Roof orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., style forecast, Style committee of National Association of Retail Clothiers and Furnishers; 10, Arcadia cafe dance orchestra.
WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Hotel McAlpin orchestra; 8, Monte Carlo by the Sea orchestra; 12, McAlpin entertainers.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra; 8:30, WEAF; 10, Fox theater concert; 10:30, Sam Brown's dance orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs Hotel Shelton ensemble; 8, Newark Philharmonic band; 9, French Line program; 9:45, Monterey society orchestra; 10:30, special feature; 10:45, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., Joska DeBabary and his orchestra; Bittie-Benson orchestra; 7, American hour; 9-10:30, classical concert, Commonwealth Edison company; 10:30-12 midnight, Congress carnival.
PWX, Havana, Cuba (400m-750kc), 8-10 p. m., Military band music.
WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 9-10, Harmony Time, staff artists; 12, the Nutty club.
WBZ, Springfield, Mass. (333.1m-900kc), 6:33 p. m., Musical Mirth Makers; 8, Barnstormers; 8:30, Max Krulee and orchestra; 9, musical program; 9:30, Hercules Zenopoulos' musical program.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, Schmeman band.
WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, variety hour; 10, Alamo orchestra; 11, Alamo entertainers.
WDBO, Winter Park, Fla. (239.9m-1200kc), 8:15 p. m., Science talk; 9, dance music.
WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m. Edgewater Beach hotel concert orchestra; 9-9:45, Edgewater Beach dance orchestra; songs, F. Behrend; 11-12, dance orchestra; songs, Joe Verges and Paul Small; saxophone quartet; songs, Frank Greif; 12-12:30 a. m., Edgewater Beach hotel orchestra.
WGHB, Clearwater, Fla. 266m-1130kc), 8:30-10 p. m., Hyde Park Presbyterian church quartet.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8, Camp Fire program; 8:30-9, Little symphony orchestra; 9-10, WGHP ensemble.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Eastman theater, WHAM.
WGR, Buffalo, N. Y. (319m-940kc), 8:30-9:30 p. m., WEAF.
WGN, Chicago, Ill. 302.8m-990kc), 6:45-7 p. m., request program; 8-9, WEAF; 9-10, WEAF; 10:10-10:20, Music Box; 10:20-10:30, great moments, grand opera; 10:30-11, WGN's studio ensemble.
WHT, Chicago, Ill. (399.8m-750kc), Al Carney, organist; Riverview Melody Masters; 8:45-10:15 238m-1260kc), Helen Rauh, organist; Stuart Dawson; 10:30-1 (399.8m-750kc), Al and Pat; Riverview orchestra.
WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Chez Pierre; Alexander Nakutin studio.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:45, Good Will Oakland and Chief Pontiac; 3, concert; 11, Murphy Brothers' organist; 12, Merry Old Chief and Jewett Jesters.
WKRC, Cincinnati, Ohio (325.9m-920kc), 6 p. m., Garden of Allah orchestra; 8, book review; 8:15, Hotel Alms orchestra; Howard Hafford; Everfresh hour; Lookout house orchestra.
WLIB, Chicago, Ill. (802.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, Pattison Coates, baritone; Edward Ambrose Larsen, organist.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8, Surprise time; orchestra; 8:30, Ford and Glenn; 8:45, Midwest quartet; 9, WLS trio.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Visconti's orchestra; 8, Buckeye trio; 9, staff recital; 10, Pink of Programs; 11, Royal Elk syncopators.
WMAG, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:30, artists; 9, music; 9:30, Jack Chapman's orchestra.
WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; Bessie Beelman, contralto; Monte Blunn, tenor; Harold Thorpe, pianist; 9-11, Trianon orchestra; Borden Brothers; Clarice Taylor, whistler; John Everett, baritone.
WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.
WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-2, Jack Klein; Leatrice Wood; Martha and Biehl; Morton and Mayo; orchestra.
WRC, Washington, D. C. (468.5m-640kc), 5 p. m., U. S. Marine band; 7, to be announced; 7:30, WEAF; 8, WEAF; 8:30, to be announced; 9-10, WEAF.
WRVA, Richmond, Va. (256.3m-1170kc), 7:30 p. m., Richmond Radio show; 8:45, artists hour; 9:45, Shepherd Webb, organist; 11, Carry me back to Old Virginny.
WSAI, Cincinnati, O. (325.9m-920kc), 7 p. m., WEAF; 10, string quartet.
WSWS, Chicago, Ill. (275m-1090kc), 6 p. m., Terrace Garden orchestra; 9, Georgia Gray, violinist; 10, Art Becker, pianist; Mulvaney and Wilheit; John Clark; Terrace Garden orchestra; 12, Witching hour.

WTAM, Cleveland, Ohio. (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 8, Public Auditorium program from Blue room; 11, Jack Horwitz Collegian serenaders from Far East Restaurant.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Capitol theater orchestra; 7:50, "The Science of Canning," Olea M. Sands; 8, Travelers Jongleurs, Unknown Troubadour; 9, Colt Park Municipal dance orchestra; 9:30, Hotel Bond dance orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF; 7:30, Detroit News orchestra; 8, dance program; 9, Detroit News orchestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., orchestra.

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., concert, Henry Field Seed company.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, J. L. Bischof, Alma Rotter; 8:30, KMOX Radio orchestra; 9, Civic program; 9:30-11:30, "Old Folks at Home," KMOX Radio orchestra; Redden and Feldman, Varsity Troubadors.

KPRC, Houston, Tex. (296.9m-1010kc), Post-Dispatch Radio exposition.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., Lon Chassy violinist; 9:30-10, Russian music, Meyer Davis orchestra.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7 p. m., WEAF; 8, midweek church service; 9, University ensemble; 11:30, organ.

WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., Churchill and Fillingim; Mrs. George Turner, whistler; vocal duets, Mrs. C. C. Webb, Mrs. Hildred Carter; Mrs. J. Wallace Lamar, violinist; Strickland-Crosby saxophone quintet.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-9, popular musical program; 9-10, Ivanhoe band, glee club; 11:45-1 a. m., Nighthawk frolic.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., College Men's Symposeum.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Arthur Richter, organist; 11:30, organ.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert, Cardinals; Meyer Green.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., studio program; 10:30-11:30, midweek musicale.

WHO, Des Moines, Ia. (526m-570kc), 6-7 p. m., Bankers Life Little symphony; Myrtile Williams, soprano; 7-8, orchestra; 8-9:30, Hapac Grotto male quartet; 9:30-11:30, dance music.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Delaware Punch program.

WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Christian college.

WSB, Atlanta, Ga. (428.3m-700kc), 10:45 p. m., Peerless entertainers.

WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., Tennessee State fair; 10, State fair.

WSUI, Iowa City, Ia. (483.6m-620kc), 8 p. m., musical program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:25, KOA orchestra.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7 p. m., Westerland trio; 7:30 p. m., Nick Harris story; 8-9, program, California Petroleum corporation; 9-10, Patrick-Marsh dance orchestra, Betty Patrick, soloist; 10-11, program arranged by Charles Beauchamp tenor.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, Velvetone Radio corporation; 9-10, program, Corduroy Tire Stores, inc., 10-11, Warner Brothers frolic.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, Bernie Herman and his dance orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., News items and de luxe program; 10-11, Jerry Grant and his dance orchestra.

KLX, Oakland, Calif. (508.2m-590kc), 8-9 p. m., educational program; 9-10, special program.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Feature studio program; 8-9, program, Stewart-Warner Radio dealers; 9-10, El Sereno Country club; 10-11, Edgewater club dance orchestra; 11-12, Ambassador hotel dance orchestra.

Thursday, September 23

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
5 p. m.	4	3	2	1

Dempsey-Tunney fight, broadcast through courtesy of Associated Press over A. P. newspaper stations and stations co-operating with A. P. newspapers.

8	7	6	5	4

WMBB (250m-1200kc), Schubert compositions.

11	10	9	8	7

WQJ (447.5m-670kc), Sylvian Four.

WSWS (275m-1090kc), "The Booking Agency."

11:15	10:15	9:15	8:15	7:15

KWWG (278m-1080kc), Rancheros.

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

KTHS (374.8m-800kc), Heart songs.

12	11	10	9	8

KHJ (405.2m-740kc), Zoellner string quartet.

2	1	12	11	10

KFI (467m-640kc), Azure music club.

For stations silent tonight refer to first Thursday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRM, Montreal, Can. (410.7m-730kc), 9 p. m., C. N. R. symphony orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Cathay Garden orchestra; 7:30, Snellenburg symphony orchestra; 8, Saddler's Plantation Serenaders; 8:30, recital; 8:45, Getz Go-getters; 9, Carolyn Thomas, soprano; 9:30, Musical chefs; 9:45, Professor Doolittle; 10, The Hood Boys.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, mid-week hymn sing; Meyer Davis' Park Lane orchestra; Clicquot Club Eskimos; Silvertown Cord orchestra; Frank Farrell and his Greenwich Village Inn orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 8-11 p. m., WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc) 6:45 p. m., Adelphia Roof Garden dance orchestra; 8, WEAF.

WHN, New York, N. Y. (361.2m-830kc), 8:30-9 p. m., Loew's Gates theater overture and vaudeville; 11:30-12, Cotton club orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 8 p. m., recital; 10, dance orchestra.

WJAR, Providence, R. I. (485.1m-618kc), 8:30 p. m., musical program; 9, WEAF; 10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 8, silent drama; 8:30, U. S. Marine band, WRC, WGY, WBZ; 9:30, Royal Typewriter Salon orchestra, WGY, WRC; 10:30, Fireside Boys, WRC, WBZ.

WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., orchestra; 8, Roemers Homers; 9, Solow soloists; 12, Broadway night.

WNYC, New York, N. Y. (526m-570kc), 7 p. m., piano selections; 8, band concert.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:45, Oreste's Queensland orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Arthur Pryor's Band; 10, Chateau Baltusrol orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6:30 p. m., dinner concert; 7, Chicago Evening American studio; 8-9, "Twenty Minutes of Good Reading," Rev. C. J. Pernin; 9-10:30, Edison program; 10:30-12 midnight, carnival.

WBAL, Baltimore, Md. ((245.8m-1220kc), 6:30-7:30 p. m., WBAL dinner orchestra; 7:30-8, WBAL mixed quartet; 8-9, WBAL trio; 9-10, dance orchestra.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 8-9:30, Classical program; 9:30-10:15, moss covered melodies; 10:15-10:30, The Izaak Walton hour; 10:30-11:30, Vic Fredericks, baritone, Maurice Silverman, tenor and staff artists; 11:30-12, The Supper club.

WBZ, Springfield, Mass. (333.1m-900kc), 6:33 p. m., Hotel Lenox ensemble; 7:30, Marine band; 8:30, Julia Cullinane, saxophonist; Anne Cullinane, accompanist; George Seaburg, banjoist; Karin Seaburg, accompanist; 9, program; 9:30, Fireside boys.

WCBD, Zion, Ill. (344.6m-870kc), 9 p. m., celestial

bells; duets; Mrs. Sparrow, contralto; Ida Peterson, soprano; William C. Dunn, euphonium; Donald Gooden, violinist.

WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, classical hour of music; 10, Alamo orchestra; 11-1, entertainers.

WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette's ensemble; 8-10, studio program.

WDBO, Winter Park, Fla. (239.9m-1200kc), 8:40 p. m., Literary Appreciation series; 9, Sanford hour of music.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., orchestra; 9-9:45, Edgewater Beach hotel orchestra; songs, Carlos Hatvary, ensemble; 11-12:30 a. m., dance music; guitar solos, Hickey and Johnson; songs, Rita McFawn; Six syncopators.

WGHB, Clearwater, Fla. (266m-1130kc), 7:30-8:30 p. m., dinner music.

WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8, children's half hour; 10-11, WGHP Frolickers; 11-12, Skylark dance band.

WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Drake concert ensemble, Blackstone string quintet; 7-7:05, Million sing; Old-Fashioned Almanack; 7:15-8, Paul Ash's orchestra; 8-8:30, musical program; 8:30-9, Curfew Capers; 9-9:30, WEAF; 9:30-10, Phantom violinist; 10:10, Music Box; 10:22-11, WGN studio ensemble.

WGR, Buffalo, N. Y. (319m-940kc), 6:30-7:30 p. m., Vincent Lopez Hotel Statler orchestra; 8-11, WEAF.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., book chat; 6:45, studio program; 8, WJZ; 9, musicale; 10:30, Stephen E. Boisclair, organist.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; 8:45 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (399.8m-750kc), Al Carney, organist; Billy Alan Huff, popular songs; Little Joe Warner, character songs; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Chez Pierre; Henrietta Nolan, violinist; Jacob Hannemann, pianist; Sheppard Levine, tenor.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:30, Gus and McGinnity, entertainers; 8, concert.

WKRC, Cincinnati, Ohio (325.9m-920kc), 10 p. m., Swiss Garden frolic; 11, popular songs; 11:15, Louisville Loons.

WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 11-11:20, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., organ concert, Al Melgard; 6:45, Maurie Sherman's College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, organ concert, Ralph Emerson; 8, surprise time; 8:10, orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Visconti's orchestra; 7:40, Gibson concert; 8, special program; 10, Latonia Melody Boys; 10:30, Al Kirschner, Pep Golden; 10:40, Irene Downing, Tommy Reynolds; 12:15, Crosley pups.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:30, violinist; 9, WMAQ players.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon ensemble; 9-11, Trianon orchestra; Lombards; Harry and Leila, John Stamford.

WORD, Batavia, Ill. (275.1m-1090kc), 8 p. m., musical program; 9, musical program.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Henrietta Nolan, violinist; 10-2, Jack Klein; Leatrice Wood; Martha Biehl; orchestra.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., WJZ; 7:30, U. S. Marine band; 9, WJZ; 9:30, WJZ; 10-11, Hotel Mayflower orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 7:30 p. m., Richmond Radio show; 8:45, Chamber of Commerce, Charlottesville.

WSAI, Cincinnati, O. (325.9m-920kc), 6:45 p. m., chime concert, Robert Badgley; 7-10, WEAF.

WSWS, Chicago, Ill. (275m-1090kc), 7 p. m., Magic crystal; 10, "The Booking Agency"; 11, Hawaiian quartet; Ruby Rossina, blues singer; Art Becker, pianist; Hallalujah boys; 12, Terrace Garden orchestra.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Holkenden Hotel orchestra; 7:30, New York studio orchestra; 8, Cliquot Club eskimos from WEAF; 9, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Scottie Millar; 8, For-an-to Melody Makers; 9, Colt Park Municipal dance orchestra; 9:30, Hotel Bond dance orchestra.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert: 7, WEAF.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program.

KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:03 p. m., Strawn Sisters trio; 7, Nelson Painters; 8, Irish Airs; 11, serenaders.

KPRC, Houston, Tex. (296.9m-1010kc), Post-Dispatch Radio exposition.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., Lawson Reid, organist; 9:45-10, heart songs, KTHS stringed quartet.

KWWG, Brownsville, Tex. (278m-1080kc), 8:30 p. m., Canciones Mexicanos with guitar; 8:45, Juanita Boory, soprano; 9, John McCleary, violinist; 9:15, Rancheros; 12:01, dance music.

WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., program; 9:30-11, Davis Saxophone octet; 11-12, novelty program, guitars and mandolins, Southern Melody boys.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 7 p. m., WEAF; 9:10, Mu Phi Epsilon national sorority.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 11:45-1 a. m., Nighthawk frolic; Ken Widenor, organist.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Wednesday Morning choral club.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., orchestra; 8:30, Milwaukee Journal Tour club talk.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert.

WHB, Kansas City, Mo. (365.6m-820kc), 7-7:30 p. m., organ concert; 8-9, Ukulele songsters.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck's Younker Tea room orchestra; 8-9, Bankers Life trio; 9-12, dance program.

WMC, Memphis, Tenn. (499.7m-600kc), Dempsey-Tunney fight.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Mistletoe Melody Maids.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, classical.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, Charles Sheldon, organist.

Mountain Standard Time Stations

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., Radio Boys' orchestra, Geo. O'Hara and his ukulele; 8-9, KFI drama hour; 9-10, Program Hawaiian music, Charles Dimond; 10-11, Azure music club.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., McGavin Brothers bakeries; 9-10, program, Chapman's Ice Creams; 10-11, Warner Brothers frolic.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 9-10, vaudeville.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, Times program, Zoellner string quartet; Harriet Andrews, soprano.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthay Circle theater organ; 8-9, program, Rigali and Veselich; 9-11, KNX feature program; 11-12, Ambassador hotel dance orchestra.

Friday, September 24

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8:45 p. m.	7:45	6:45	5:45	4:45

WGY (379.5m-790kc), "A Deep Sea Romance," WGY light opera company.

9	8	7	6	5

WCAU (277.6m-1080kc), Regina Crooners.

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

WAHG (315.6m-950kc), Gondoliers.

WCOA (222m-1350kc), Viscuso international trio.

10	9	8	7	6

WLS (344.6m-870kc), Little symphony of Chicago.

WSM (282.8m-1060kc), Masonic quartet.

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

WFAA (475.9m-630kc), Edna McDonald and her Dallas artist musicians.

11:25	10:25	9:25	8:25	7:25

KOA (322.4m-930kc), American Indian in story and song.

For stations silent tonight refer to first Friday's list.

Atlantic or Eastern Daylight Saving Time Stations

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., studio recital; 8, Grebe music hour; 9, male quartet; 9:30, Gondoliers; 10, dance program.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg instrumental trio; 8, Barry O'Moore, Irish tenor; 8:30, Anita Lyons, songs; 8:45, Miss Bambina, piano accordion; 9, Regina Crooners; 9:15, recital; 10, Myers Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight; Len Saxon, tenor; Caroline Powers, Thomas, violinist; Happiness Candy Boys; La France orchestra; Whittall Anglo-Persians; Pelham Heath Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m., Blue Bell serenaders; 7:45, Elizabeth Wrtock, Czecho-Slovakian folk songs; 8, Phillip Kromholtz, baritone; 8:15, Carrie Cohen, pianist.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., Whiting's Four Merry Milkmen; 8, musicale; 8:30, Neapolitan girls' quintet; 9, WEAF; 10, WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden dance orchestra.

WHN, New York, N. Y. (361.2m-830kc), 8-8:30 p. m., Treasureland home owners ensemble; 9-9:30, Loew's Coney Island theater orchestra; 9:30-11, Coney Island Stadium Bouts; 11-11:30, Strand Roof orchestra; 11:30-12, Roseland dance orchestra; 12-12:30, Silver Slipper 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. (485.1m-618kc), 8:35 p. m., musicale; 10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., George Olsen's Pennsylvania Hotel orchestra; 8, Marimba band; 9, Sundial Shoe serenaders; Bonnie Laddies; 10, Baldwin hour; 10:30, Hotel Bellecliare Tower orchestra.

WLIT, Philadelphia, Pa., (394.5m-760kc). 8 p. m., Arcadia cafe concert orchestra; 9, Schickerling Radio hour; 10, Morning Glory club concert; Arcadia cafe dance orchestra; 10:30, Rufus and Rastus; 11, Freshman Masterpiece hour.

WMCA, New York, N. Y. (340.7m-880kc), 7:30 p. m., Monte Carlo by the Sea orchestra; 8, 8:45, Broadway association orchestra; 9:30, Klein's Serenading shoemakers.

WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotz-Carlton dance orchestra; 8, WOO orchestra, recital 9, WEAF; 9:30, Fox theater program; 10, Sesqui Centennial concert; 10:30, Sam Brown's dance orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:35 p. m., Hotel Bretton Hall string quartet; 7:30, Crystal Palace; 8:30, Donald H. Baker, organist; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 8 p. m., Federal Master artists; 10:30-12, Congress carnival.

WBAL, Baltimore, Mr. (245.8m-1220kc), 6:30-7 p. m., WBAL dinner orchestra; 7:30-8, WBAL Jubilee singers; 8-9, musical program; 9-10, City Park orchestra of Baltimore.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 9-10, Harmony Time and staff artists.

WBZ, Springfield, Mass. (333.1m-900kc), 6:33 p. m., Hotel Kimball trio; 8, Hotel Kimball trio; 9, Larry McCabe and Billy Murray; 9:30, Hotel Brunswick orchestra.

WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, Melting Pot hour; 10, Alamo orchestra; 11-1, entertainers.

WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, music; 10, dance music.

WDBO, Winter Park, Fla. (239.9m-1200kc), 8:10 p. m., organ; 9, Sanlando's popular program.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., dinner concert; songs, 9-9:45, Edgewater Beach hotel orchestra; selections, specialties; 11-12:30 a. m., dance music; harp trio.

WGHB, Clearwater, Fla. (266m-1130kc), 8:30-10 p. m., Frederick Hubbard, organist; Mrs. Ethel Morand Weber, soprano; Mrs. Maud Sheridan, contralto; Mrs. F. S. Barrett, violinist.

WGHP, Detroit. Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 9:30-10, Astringo soloist; 10-11, WGHP entertainers; 11-12, Skylark dance band.

WGN, Chicago, Ill. (302.8m-990kc), 6:35-7 p. m., dinner music, Drake concert ensemble, Blackstone string quintet; 8:10-8:20, Drake concert ensemble; 8:20-8:30, Correll and Gosden; 8:30-9, Fred Hamm and his orchestra; 9-9:30, light opera period; 9:30-10, musical program; .0-10:10, Sam 'n' Henry; 10:10-10:22, Music Box; 10:22-11, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., Ollie Yettrun, pianist; 6:45, Remington band; 7:45, "A Deep Sea Romance," WGY light opera company; 9:30, musicale.

WGR, Buffalo, N. Y. (319m-940kc), 8:30 p. m., Solow soloists; 9, WEAF; 9:30, Kane and Johnson, Harmony team; 10-10:30, WEAF; 11-1, Vincent Lopez Hotel Statler dance orchestra.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Pat Barnes; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10-1 (399.8m-750kc), Al Carney, organist; Rita McFaun, soprano; Oscar Heather, tenor; Rita McFaun, soprano; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Chez Pierre; Dallas Recher, tenor; Helen Meyer, contralto.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 8, concert.

WLIB, Chicago, Ill. (302.8m-990kc), 11 p. m., songs, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 6:45, Maurie Sherman's College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:10, orchestra, Ford and Glenn; 9:10, Little symphony of Chicago; 10, Medicine show; 11, organ concert, Ralph Emerson.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:50, Wide-Awake club; 8, George Simons, tenor; 8:30, Whitney trio; 9, Mae Graves Atkins, soprano; 9:30, orchestra.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; Ruth Lyon; Norman Harte; John Stamford; Harold Thorpe; 9-11, Trianon orchestra; Borden Brothers; Sandy McTavish; Bob Bennett.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Lois Gilman Slonaker, contralto; novelty trio; 10-2, Crosley Radio corporation program; Leatrice Wood; Zeigler Sisters, orchestra.

WORD, Batavia, Ill. (275.1m-1090kc), 8 p. m., musical program; 9, musicale.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., Wardman Park trio; 8, WJZ; 9, WEAF; 10, Arlington Beach dance orchestra.

WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., Hotel Richmond orchestra; 8:15, Richmond Radio show; 8:50, studio program; 10, Hotel Richmond orchestra.

WSWS, Chicago, Ill. (275m-1090kc), 6 p. m., semi-classical program; 8, Lillian Knowles, contralto; Zola Haynes, pianist; 10, Harry Davis, Gail Bandel; Georgia Gray, violinist; Terrace Garden orchestra; 12, witching hour.

WTAM, Cleveland, Ohio. (389.4m-770kc), 6:30, Emerson Gill and his Bamboo Garden orchestra; 8, Frank R. Wilson's Euclid Beach Park orchestra; 9, WEAF; 9:30, studio program; 11, Jack Horwitz Collegian serenaders from Far East restaurant.

WTIC, Hartford, Conn. (475.9m-630kc), 7 p. m., Laura C. Gaudet, pianist; 7:30, Travelers Recreation Grounds orchestra; 8:30, novelty numbers, George Ellsworth; 8:45, Gibbs Rhythmic Paraphrasers; 9:30, WTIC Mail Bag; 9:45, Debutants.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., Union Literary society.

KFDM, Beaumont, Tex. (315.6m-950kc), 8-10 p. m., Refinery band.

KFNF, Shenandoah, Ia. (461.3m-650kc), S. S. lesson; 7:30, Lafe Corbin.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules; 7, KMOX Radio orchestra; J. L. Bischof, Alma Rotter; 8:30, KMOX Radio orchestra; 9, Do Re Mi Double quartet; 9:30, Scotch program; 10-11, Music Lovers hour.

KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:30 p. m., Mono Motor Oil Entertainers; 7:30, program; 8:30, Jack and Jill.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., grand opera cycle, Meyer-Davis ensemble.

WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., concert, Panther Hawaiian trio; 9:40-11, Artie Collins dance orchestra; 11-12, Velma Dean, soloist, latest song hits; Aylene Hoffman, pianist.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; 8, WEAF; 8:30, Twin City string quartet; 10:05, Emmet Long's Nankin cafe orchestra.

WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., U. S. Naval air station band; R. C. McCoy, cornetist; Mrs. W. R. Helie, vocalist; 5 Sparks; Viscuso international trio.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-8:30, WEAF; 8:30-9:15, varied musical program; 11:45-1 a. m., Nighthawk frolic; Ted Meyn, organist; orchestra.

WEMC, Berrien Springs, Mich. (285.5m-1050kc), 9 p. m., old time hymns.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Walter B. Free; 8:30-9:30, Edna McDonald.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Arthur Richter, organist; 8:30, Marquette university classical studio program.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., special opera program.

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Younker Tea room orchestra; 8-9, Robert Parker; Irene McNerney Maley; 11-12, dance program.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., orchestra; 11, Bob Miller's orchestra.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., San Antonio College of Music program.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, Ford program; Angelo Lupo's dance orchestra, soloists.

WOS, Jefferson City, Mo. (440.9m-680kc), 8:20 p. m., Chic Scoggin, WOS quartet.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, concert.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Beasley Smith's orchestra; 8, Masonic quartet; 10, Dutch Ehrhart and his orchestra.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, instrumental program; 8:25, KOA orchestra; American Indian in story and song; Mile High trio.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642), 7-8 p. m., program of popular songs and music; 8-9, Dan L. McFarland, organist; 9-10, Golden hour trio, soloists; 10-11, Packard ballad hour.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Program, Bert Farrar, inc.; 9-10, studio program; 10-11, Warner Brothers frolic.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, de luxe program, Tower studio.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Velvetone Radio corp.; 8-9, program, Frank Meline company; 9-10, Order of Optimistic Donuts; 10-11, program, Dickenson and Gillespie; 11-12, Ambassador hotel dance orchestra.

Saturday, September 25

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific	
5 p. m.	4	3	2	1	KUOA (299.8m-1010kc), Football, Arkansas Teachers' college—U. of Ark.
9	8	7	6	5	WMAQ (447.5m-670kc), Musical Potpourri.
10:45	9:45	8:45	7:45	6:45	WCCO (416.4m-720kc), "The Legend of Hiawatha."
11:30	10:30	9:30	8:30	7:30	WBAP (475.9m-630kc), Hired Hand's little symphony.

For stations silent tonight refer to first Saturday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 8 p. m., Chateau Laurier concert orchestra; 9, Governor-General's Foot Guards band; Mona Bloomfield.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 mid., Elmer Grosso and his orchestra; Al Lentz' Hofbrau orchestra; musical comedy hits; Ben Bernie's Hotel Roosevelt orchestra; Rolfe's Palais D'Or orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, concert from studio; 10, dance orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, concert; 10, dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Waldorf Astoria Roof orchestra; 10:30, orchestra.

WMCA, New York, N. Y. (340.7m-880kc), 7:30 p. m., Monte Carlo by the Sea orchestra; 11, Hotel McAlpin orchestra; 12, McAlpin entertainers.

WNYC, New York, N. Y. (526m-570kc), 7 p. m., piano selections; 8:30, band concert, Prospect park.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Chateau Baltusrol; 8, Hotel Bretton Hall string quartet; 8:30, Arthur Pryor's band; 9:15, Casino orchestra; 9:45, Berkeley-Carteret orchestra; 10:15, special feature; 10:30, Monterey Society orchestra; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 7 p. m., music hour; 8, KYW's Congress hotel studio; 9-10:30, classical concert; 10:30-12 midnight, Congress carnival; Benson orchestra.

PWX, Havana, Cuba (400m-750kc), 8:30-11 p. m., Typical Cuban concert.

WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., Eddie Hanson, organist; 8-9:30, Harmony time and staff artists; 9:30-10, moss-covered melodies; 10-11:30, Variety hour, staff artists; 11:30-12:30, supper club; 12:30-2 a. m., Pacific Coast special.

WCFL, Chicago, Ill. (491.5m-610kc), 6:30 p. m., Florentine string trio; 8, vaudeville hour; 10, Alamo orchestra; 11-1, Alamo entertainers.

WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, music.

WDBO, Winter Park, Fla. (239.9m-1200kc), 9 p. m., Winter Park program; 11, Owens and Willox.

WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., Sunday School lesson; Edgewater Beach orchestra; songs, Florence Behrend; string quartet; 9-9:45, dance music; vocal, instrumental selections; 11-12, dance music, quartet; Carl Linner, pianist; 1-2 a. m., dance music, specialties.

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

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Shea's Buffalo hour, WMAK; 9:30, dance program.

WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Eleanor Gilmour, soprano; 8:45-10:15 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (399.8m-750kc), Pat Barnes, Al Carney; John Norton, harmonica soloist; Al and Pat.

WJAZ, Chicago, Ill. (329.5m-910kc), 9-1 a. m., Chez Pierre; Marie Wright, soprano; Avery McIntyre, pianist; Elmer Winthrop, baritone; quartet.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:30, Lagoona Gondoliers; 8, concert; 11:30, Merry Old Chief and Jewett Jesters.

WKRC, Cincinnati, Ohio (325.9m-920kc), 10 p. m., Louisville Loons; Sam Jones; 11:15, Louisville Loons.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organist; 7:15-1 a. m., National Barn dance, fiddlers; Surprise time; orchestra, twin wheeze, Ford, Glenn and Ralph.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Johanna Grosse, organist; 8:30, Air City banjo boys; 9, Castle Farm dance music.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8, music; 9, Chicago theater revue.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon ensemble; John Stamford; Hazel O'Neil; Preston Graves; 9-11, Trianon orchestra; Jimmie Eggert; Jack Goodwin.

WORD, Batavia, Ill. (275.1m-1090kc), 7 p. m., Webster hotel concert program; 9, studio program.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Frances Rosemary Scheib, soprano; E. H. Zander, Jr., bass; Sheppard Levine, tenor; 10-2, Jack Klein; Leatrice Wood; Martha Biehl; Morton & Mayo.

WRC, Washington, D. C. (468.5m-640kc), 7 p. m., Hotel Washington orchestra; 7:30, WJZ; 9:30, WJZ; 10:30, to be announced; 11-12, Otto F. Beck, organist.

WSAI, Cincinnati, O. (325.9m-920kc), 8:30 p. m., sextet; 9:30, popular songs, Lelia LeMar.

WSWS, Chicago, Ill. (275m-1090kc), 6-7 p. m., classical program; 8-9, Ned Becker, humorist; 10-11, Terrace Garden orchestra; Freddie Wittmer, pianist; Cook Sisters; 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, studio program; 8, Hollenden Hotel orchestra; 9, Vaudeville program from studio, Ev Jones' merrymakers and assisting entertainers.

WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., municipal dance orchestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., Harmony Boys orchestra.

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program; 11, old time music.

KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., studio program.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, KMOX Radio orchestra; 8, KMOX Radio orchestra; Porter Brown, banjolier; 9, "Backstage," drama; 9:30, KMOX Radio orchestra; 10-11, dansant nuit.

KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:03 p. m., Ray-O-Vac Twins; 7:30, Marie Uhlig, pianist; 11, serenaders.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Frank Tilton, pianist; 8:15, Graham Lyceum trio; 10, slogan prizes.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., dance concert, New Arlington hotel orchestra.

WBAP, Ft. Worth, Tex. (475.9m-630kc), 8-8:30 p. m., Smith Ballew's Ft. Worth club orchestra; 9:30-11, Hired Hand Little symphony.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., dinner concert; 8:45, "The Legend of Hiawatha," Gertrude O'Neil Ganley, reader; Lucille Frankman Murphy, pianist; Bellson Brothers quartet; Corinne Jordan, entertainer; Hildegarde Hoppe, xylophonist; 10:05, dance music.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., School of the Air; 8-9, around the town; 11:45-1 a. m., Night Hawk frolic.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Pierce Petroleum corporation; 11-12, Jack Gardner's Adolphus hotel orchestra.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., concert, Ellen Bachus, soprano.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., concert, Dr. George L. Powers, director.

WOAW, Omaha, Nebr. (526m-570kc), 9 p. m., program.

WSB, Atlanta, Ga. (428.3m-700kc), Atlanta Atwater Kent hour; 10:45, Journal Hired Help Skylark.

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

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Billy Cox and his orchestra, Paul Roberts, soloist; 8-9, Angelus string quartet, Leslie Adams; 9-10, Associated Packard dealers of California; KPO, 10-11, Packard Radio club; 11-2 a. m., KFI midnight frolic.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Bill Hatch and his dance orchestra; 9-10, varied program; 10-11, Warner Brothers frolic.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, George Rose and his band; solos, Punch Green.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times feature presentation; Karl Brandenburg, tenor.

KNX, Hollywood, Calif. (336.9m-890kc), 7:30-9 p. m., feature program; 9-10, Rondith corp. program; 10-11, Ambassador hotel dance orchestra; 11-2 a. m., Hollywood Nite frolic, Edgewater club.

Sunday, September 26

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
8 p. m.	7	6	5	4

WJAZ (329.5m-910kc), Chez Pierre club.

9	8	7	6	5

WLW (422.3m-710kc), Crosley Salon orchestra.

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

WEAF (491.5m-610kc), WEEI (348.6m-860kc), WSAI (325.9m-920kc), WGR (319m-940kc), WWJ (352.7m-850kc), WGN (302.8m-990kc), WCCO (416.4m-720kc), KSD (545.1m-550kc), Allen McQuhae.

9:45	8:45	7:45	6:45	5:45

WEEI (348.6m-860kc), Keith's Radio review.

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

KHJ (405.2m-740kc), Orpheus Four male quartet.

1 a.m.	12	11	10	9

WFAA (475.9m-630kc), Amphion male quartet.

For stations silent tonight refer to first Sunday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAU, Philadelphia, Pa. (277.6m-1080kc), 5 p. m., recital; 5:15, church services; 5:40, recital; 6:30, Hotel Pennsylvania concert orchestra; 7:30, Cathay concert orchestra.
WEEI, Boston, Mass. (348.6m-860kc), 2 p. m., Sager's hour of hospitality; 7:20, WEAF; 9:15, WEAF; 9:45, Keith's Radio review.
WFI, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., services, Arch st. Presbyterian church.
WIP, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., services, Holy Trinity church.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., carillon; 7:25, Hotel Pennsylvania orchestra; 9:30, Godfrey Ludlow, WGY.
WLIT, Philadelphia, Pa. (394.5m-760kc), 2:30 p. m., Arcadia cafe concert orchestra.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Hotel McAlpin orchestra; 7:30, Monte Carlo by the Sea orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 10:30 a. m., services, Bethany Presbyterian church; 2, Sunday School exercises; 6, organ recital.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 11 a. m., Second Presbyterian church; 4, studio concert; 9:30-11, classical concert.
WDBO, Winter Park, Fla. (239.9m-1200kc), 7:30 p. m., outdoor church service.
WEBH, Chicago, Ill. (370.2m-810kc), 10:45 a. m.,-12 noon, Seventh Church of Christ, Scientist; 7-9 p. m., Edgewater Beach hotel orchestra; concert; Kenyth Dunn, pianist.
WGHP, Detroit, Mich. (270.1m-1110kc), 11 a. m., Grosse Pointe Memorial church.
WGN, Chicago, Ill. (302.8m-990kc), 6:45-7 p. m., Drake concert ensemble, Blackstone string quintet; 8-9, WEAF; 10-10:10, Sam 'n' Henry; 10:10-10:20, Music Box; 10:20-11, WGN studio ensemble.
WGY, Schenectady, N. Y. (379.5m-790kc), 10:30 a. m., Unitarian church; 3 p. m., Syracuse musicale, WFBL; 7:30, Unitarian church.
WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul Rader.
WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Chez Pierre club; John Beurett Ham, baritone; Hazel Sims, pianist; Ethel Schnertaler, violinist.
WJR, Pontiac, Mich. (516.9m-580kc), 10 a. m., First Baptist church; 8, concert; 10, special song service, First Baptist church.
WLIB, Chicago, Ill. (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.
WLS, Chicago, Ill. (344.6m-870kc), 1:45-2:30, Chicago church federation; 7-8:55, Little Brown Church in the Vale; trio.
WLW, Cincinnati, Ohio (422.3m-710kc), 9:30 a. m., Sunday school; 11, Seventh Presbyterian church; 3 p. m., organ; 7:30, First Presbyterian church; 8:30, Crosley Salon orchestra.
WMBB, Chicago, Ill. (250m-1200kc), 3-5 p. m., Trianon duo; Bob Smith; Bob Duffy; John Stamford; 7-8, special program; 9-11, Trianon orchestra; Lombards; Harry and Leila; Sandy McTavish; Frank Bordner; Bob Bennett.
WRC, Washington, D. C. (468.5m-640kc), 11 a. m., N. Y. Ave. Presbyterian church; 4 p. m., services, Peace Cross; 6:20, WEAF; 8:15, WEAF; 8:45-10, vesper hour.
WSAI, Cincinnati, Ohio (325.9m-920kc), 7:45 p. m., chime concert, Robert Badgley; 8, sermonette; 8:15, WEAF; 8:45, WEAF.
WSWS, Chicago, Ill. (275m-1090kc), 11 a. m., Moody church; 3:30, service; 7-9:30, song service.
WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7, Park theater orchestra; 8, Twilight musicale.
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, Neb. (340.7m-880kc), 9-10 p. m., Sunday evening musicale.
KFNF, Shenandoah, Iowa (461.3m-650kc), 6:30 p. m., Golden Rule circle; 8, Christian church.
KMOX, St. Louis, Mo. (280.2m-1070kc), 9 p. m., Skouras Brothers Sunday night club.
KOIL, Council Bluffs, Iowa (305.9m-980kc), 11 a. m., First Congregational church; 7:30, Charlestonians; 11, serenaders.
KPRC, Houston, Texas (296.9m-1010kc), 9:50 a. m., Trinity Lutheran church; 8 p. m., First Christian church; 9:30, concert; 11, J. Benson Carlisle, pipe organist.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m.-12:15 p. m., St. Luke's Episcopal church; 9:10-10, classic hour, Meyer Davis ensemble, soloists; 10, organ.
WBAP, Ft. Worth, Texas (475.9m-630kc), 11 a. m.-12:30 p. m., First Methodist church; 9:30-11, concert, Sorin-White Top o' Texas orchestra.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 10:50 a. m., Plymouth Congregational church; 4:10 p. m., House of Hope Presbyterian church; 7:15, WEAF; 9:30, Hugo Philler Goodwin, organist.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., choir and church service.
WFAA, Dallas, Texas (475.9m-630kc), 6-7 p. m., Bible Class; 8-9, First Church of Christ, Scientist; 11-12, Amphion male quartet.
WHAS, Louisville, Ky. (399.8m-750kc), 10 a. m., Broadway Baptist church; 4:30-5:30, Christ church cathedral.
WKRC, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., Walnut Hills Christian church; 10, classical program; 12:15, Louisville Loons.
WOAI, San Antonio, Texas (394.5m-760kc), 11 a. m., Pirst Presbyterian church; 7:45 p. m., Central Christian church.
WOAW, Omaha, Nebr. (526m-570kc), 9 a. m., chapel service; 1:30 p. m., Father Flanagan's Boys' home period; 2:30, old time songs for shut-ins; 9, chapel service.
WSB, Atlanta, Ga. (428.3m-700kc), 5 p. m., sacred concert; 8, Baptist Tabernacle services.
WSM, Nashville, Tenn. (282.8m-1060kc), 7:30 p. m., First Presbyterian church.
WSUI, Iowa City, Iowa (483.6m-620kc), 9 p. m., familiar hymns.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 11 a. m., Augustana Lutheran church; 5:30, Mrs. S. Clarence Trued, organist; 6:30, Lamont School of music; 7:30, Augustana Lutheran church.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Jim, Jack and Jean trio; 8-9, Aeolian organ recital; 9-10, Lake Arrowhead dance orchestra; 10-11, Packard Six dance orchestra.
KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Bros. Sunday night movie frolic with favoriite radio entertainers.
KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., service, First M. E. church of Los Angeles; 8-10, Orpheus Four male quartet; MacMurray.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Circle theater organ and orchestra; 8-9, First Presbyterian church of Hollywood; 9-10:30 p. m., Program, Beverly Hills Nurseries.

Monday, September 27

Headliners Today

10:30 p. m.	9:30	8:30	7:30	6:30

KWWG (278m-1080kc), Comedy sketch.
WMC (399.8m-750kc), Britling Melody Makers.

11:25	10:25	9:25	8:25	7:25

KOA (322.4m-930kc), Religious melodies.

Atlantic	Eastern	Central	Mountain	Pacific
12:45 a.m.	11:45	10:45	9:45	8:45

WSB (428.3m-700kc), Troutts Melody artists.

1	12	11	10	9

WBAP (475.9m-630kc), St. James male quartet.

For stations silent tonight refer to first Monday's list.

Atlantic or Eastern Daylight Saving Time Stations

CHIC, Toronto, Can. (356.9m-840kc), 8 p. m., George H. Graham, organist.
CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Eveready Little Symphony orchestra.
WAHG, Richmond Hill, N. Y. (315.6m-950kc), 8 p. m., Synchrophase hour; 9:15, artists' recital; 10, popular music; 12, variety program.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8, The Three Rascals; 8:15, recital; 8:30, concert; 8:45, Merry Minstrels; 9:30, Chalfont Sisters; harmony songs; 9:45, Count Tom Kelly, Irish comedian; 9:50, recital.
WEEI, Boston, Mass. (348.6m-860kc), 8:15 p. m., Varsity Tire entertainers; 9, Cape Cod steamship company program, orchestra; 9:30, Ed Andrews' Nautical dance orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden dance orchestra.

WIP. Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison dinner orchestra; 7:55, John B. Kennedy; 9, Maxwell House Coffee ensemble, WRC; 10:30, Harold Leonard's Waldorf Astoria Roof orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 9 p. m., Stanley Hour of Music; 10, Arcadia cafe dance orchestra; 10:30, vaudeville features.
WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m., Hotel McAlpin orchestra; 7:30, Monte Carlo by the Sea orchestra; 9:15, Hardman hour of music; 12, McAlpin entertainers.
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dance orchestra; 8, organ recital, Mary E. Vogt; 8:30, Sesqui Centennial concert; 10:30, Sam Brown's dance orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Brooklyn Daily Eagle program; 8, Newark Philharmonic band; 9, Klein's Serenading Shoemakers; 10, Monterey Society orchestra; 10:30, Monterey concert quintet; 11:15, Ben Bernie's Berkeley-Carteret orchestra.

Eastern Standard or Central Daylight Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30, p. m., WBAL dinner orchestra; 7:30-8, WBAL male quartet; 8-9, WBAL trio; 9-10, dance orchestra.
WDBO, Winter Park, Fla. (239.9m-1200kc), 9 p. m., Orlando Chamber of Commerce.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 8-10, concert.
WGHB, Clearwater, Fla. (266m-1130kc), 8:30-10 p. m., Caroline Lee, Virginia Girl; Huey Charlton, novelty hand saw.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., Hotel Tuller; 8, Little symphony; 8:30-9:30, WGHP ensemble; 9:30-10, Astringo soloists.
WGR, Buffalo, N. Y. (319m-940kc), 9-10 p. m., Jewish Community building; 11-1, Vincent Lopez Hotel Statler orchestra.
WGY, Schenectady, N. Y. (379.5m-790kc). 6:30 p. m., Hotel Van Curler.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Goldkette's Petite symphony orchestra, soloists; 7:15, Caspar Lingeman entertainers; 7:45, Good Will Oakland and Chief Pontiac; 8, concert.
WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Robert Visconti's orchestra; 8, Commercial Tribune features; 9, Calumet Baking Powder company; Rainbow Garden hour.
WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., J. Harold Lawrence, pianist; 9:30, Joseph Whittemore; 10:30, Hotel Richmond orchestra.
WTAM, Cleveland, O. (389.4m-770kc), 6 p. m., Hollenden hotel orchestra; 7, Allen theater orchestra; 8, studio program; 11, Emerson Gill and his Bamboo Garden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc). 7:30 p. m., U. S. Coast Guard Academy band; 9, grand opera hour; 10:03, Capitol theater organ.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, orchestra.

Central Standard Time Stations

KOIL, Council Bluffs, Ia. (305.9m-980kc), 6:08 p. m., Evangeline Higgins, pianist; Roberta Skipton DeVry, soprano; 7:30, John G. Woodward, Candy Man; 9, Nauticals; 10, Crosley Radio corporation; Barnyard twins; Crosley Sisters.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., melange of popular classics, staff artists.
Ramblers orchestra; 12:01, dance music.
WBAP, Ft. Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., concert, Alleen Patterson Duff, contralto; entertainers; 9:30-11, old-time musical program, Grapevine fiddle band; 11-12, St. James male quartet.
WCCO. Minneapolis-St. Paul, Minn. (416.4m-720kc), 8 p. m., WEAF; 9, musical program.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Hawaiian music; 8:30-9:30, Sears-Roebuck Agricultural Foundation program.
WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Britling cafeteria novelty orchestra.
WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Sunshine laundry orchestra.
WOAW, Omaha, Neb. (526m-570kc), 6:50 p. m., orchestra; 9, classical.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Sears-Roebuck Agricultural Foundation program; 10:45, Troutts Melody artists orchestra.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, studio program; 10, Vito and his Radio Seven.
WSUI, Iowa City, Ia. (483.6m-620kc), 8 p. m., musical program; 11:15, organ numbers, Elaine Blair.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 8 p. m., Scheuerman's Colorado orchestra; 8:20, Scott Methodist Episcopal church chorus.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; Jackie Lucas, soloist; 8-9, classic hour; 9-10, program for Walter M. Murphy Motors company, also broadcast by KPO; 10-11, program arranged by the Meiklejohn Brothers.
KFWB, Hollywood, Calif. (252m-1190kc), 7:30-8 p. m., program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, Sealy Mattress company; 9-10, program, American Dye Works; 10-11, Warner Brothers frolic.
KNX, Hollywood, Calif. (336.9m-890kc), 7-7:30 p. m., Music Arts Studio building; 7:30-8, program, Overell's Furniture company; 8-9, L. W. Stockwell company program; 9-10, Julian Petroleum corporation program; 10-11, Alexandria hotel dance orchestra; 11-12, Ambassador hotel dance orchestra.

Tuesday, September 28

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:10 p. m.	8:10	7:10	6:10	5:10

WLW (422.3m-710kc), Tenth Infantry band.

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

WGHP (270m-1110kc), Dodge Brothers band.

10	9	8	7	6

WHB (365.6m-820kc), Ararat Shrine serenaders.

11 p.m.	10	9	8	7

KPRC (296.9m-1010kc), Arabia Temple Shrine band.
WCX (516.9m-580kc), Red Apple club.

1 a. m.	12	11	10	9

WMC (399.8m-750kc), Moonlight syncopators.

For stations silent tonight refer to first Tuesday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, popular songs; 8:15, Gurnse Buttermakers; 8:30, Peter Ricco, baritone; 8:45, Charles Higgins, songs; 9, Al Wolham, songs; 9:30, recital; 9:45, Chic Griffiths, piano fiend; 10, Cathay dance orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden dance orchestra; 8, WEAF.
WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, recital; 10:30, Emo's weekly movie talk; 11, dance orchestra; 11:30, Germantown theater organ recital.
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Frank Dole; 7:20, Waldorf Astoria Roof orchestra; 8, Markel's orchestra; 8:30, Deltah Pearl hour, WRC, WGY; 9, Pennsylvania Railroad hour, WGY, WRC; 10, Cooks Southern Hemisphere cruise, WRC, WGY; 10:45, George Olsen's Hotel Pennsylvania Roof orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Benjamin Franklin concert orchestra; 7:30, dramatic review, Allyn C. Saurer.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., orchestra; 9:30, Columbia Park entertainers; 11, Hotel McAlpin orchestra.
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections.
WOR, Newark, N. J. (405.2m-740kc), 6:35 p. m., Hotel Bretton Hall string quartet; 7:25, Premier club orchestra; 8:15, Vanderbilt hotel orchestra; 9, Donald H. Baker, organist; 10, Jimmy Caruso's frolic; 10:30, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 7 p. m., music hour; 8, American farm bureau; 9-10:30, special concerts, staff artists; 10:30-12, Congress carnival.
WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m., dinner orchestra; 7:30-8, Mandolin orchestra; 8-9, George Bolek, pianist; Katherine Whitelock, violinist; 9-10, City Park orchestra of Baltimore.
WCX, Detroit, Mich. (516.9m-580kc), 6-7 p. m., Goldkette ensemble; 10, Red Apple club.
WEBH, Chicago, Ill. (370.2m-810kc), 7-8 p. m., dinner concert, songs, harp solos, ensemble; 9-9:45, organ recital; 11-12:30 a. m., Edgewater Beach hotel orchestra, artists.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert, Hotel Tuller; 8:30-9:30, Dodge Brothers Inc. concert band; 9:30-10, studio program.
WGR, Buffalo, N. Y. (319m-940kc), 6:30-7:30 p. m., Vincent Lopez Hotel Statler orchestra; 8-11, WEAF.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., dinner music, Hotel Ten Eyck; 7:30, WJZ; 8, WJZ; 9, WJZ.
WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15 (238m-1260kc), organ; orchestra; 10:30-1, (399.8m-750kc), Al Carney, organist; Bel Canto male quartet; Ann Slack, cellist; orchestra.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra, soloists; 8-8:30, Mazer-Cressman; 9, studio.
WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, Gold Dust Twins; 11, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Melgard, organ concert; 6:45-7, Maurie Sherman's College Inn orchestra; 7:20, Prof. E. Frazier, reader; 7:30, Ralph Emerson, organist; 8, Surprise time, orchestra; 8:20-8:55, Ford and Glenn.
WLW, Cincinnati, Ohio (422.3m-710kc), 7:30 p. m., Castle Farm dance music; 8:10, Tenth Infantry band; 9, Formica symphony orchestra; 10, dance music.
WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., organ; 6:30, Jack Chapman's orchestra; 8, book review, Keith Preston; 8:30, weekly talk; 8:40, music; 9, artists; 9:30, Jack Chapman's orchestra.
WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon ensemble; Genevieve Burnham; 9-11, Trianon orchestra; ensemble; Mabel Bagley, contralto; Sandy McTavish, Scotch comedian.
WSWS, Chicago, Ill. (275m-1090kc), 8 p. m., Truman Agland, pianist; Georgia Gray, violinist; Fred Hamm's Terrace Garden orchestra; 10, frolic; 12, witching hour.

Central Standard Time Stations

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, Little Red Schoolhouse; 8, KMOX Radio orchestra; 9, "Pre-Volstead Days," presentation; 10-11, KMOX Radio orchestra.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:30 p. m., WEAF; 8, musicale; 9:30, Outdoors in Minnesota.
WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Foxtrotters orchestra; 8:30-9:30, Elizabeth Gay Jones, pianist; 11-12, Jimmy Joy's Baker hotel orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Eddie Rosson's orchestra.
WHB, Kansas City, Mo. (365.6m-820kc), 8-9:15 p. m., Ararat Shrine serenaders.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra; 11, Moonlight syncopators.
WOAW, Omaha Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program, popular and old-time music; 10:15, Movie club, Dr. Applesauce presiding.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, Buchanans Bohemian orchestra.
WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., studio program; 10, program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 8:30 p. m., wit and humor of the age.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia ballroom orchestra; Parks Sisters; 8-9, Screen Artists' string quartet, Robert Hurd, soloist; 9-10, Leo Rabitz, violinist; Truth Tyler Plock, pianist; 10-11, Packard ballad hour.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Franklin Building and Loan ass'n; 9-10, studio program; 10-11, Warner Brothers' frolic.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, George Rose and his band; Curt Kramer, pianist.
KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Stewart-Warner quartet, and others; 10-11, L. A. Ry. dance orchestra.
KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, Dearden's Furniture company; 8-9, program, Builders' Finance ass'n; 9-10, Western Auto Supply company program; 10-12, Ray West's Cocoanut Grove dance orchestra from the Ambassador.

Wednesday, September 29

Headliners Today

Atlantic	Eastern	Central	Mountain	Pacific
9:30 p.m.	8:30	7:30	6:30	5:30

WCOA (222m-1350kc), High Flyers in Melody and Jazz.

WGHB (265.3m-1130kc), Mrs. Carl Stevens, Ticket Holmes, uke novelty duo.

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

WKRC (325.9m-920kc), Howard Hafford, Easy tenor.

9:45	8:45	7:45	6:45	5:45

WRVA (256m-1170kc), Choral club of Richmond.

10	9	8	7	6

WAHG (315.6m-950kc), Good Humor Boys.
WOS (440.9m-680kc), Christian college.

11	10	9	8	7

KPRC (296.9m-1010kc), El Tex Temple No. 114 D. O. K. K. band.

For stations silent tonight refer to first Wednesday's list.

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 7:30 p. m., Chateau Laurier concert orchestra; 9, maritime talent, CNRA orchestra.
WAHG, Richmond Hill, N. Y. (315.6m-950kc), 9 p. m., instrumental concert; 10, Good Humor Boys.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., N. Snellenburg recital; 8, Melrose concert quartet; 8:30, Albert Sussman, concert violinist; 9, recital; 9:30, songs; 9:40, Senator Hassenpfeffer; 9:45, Frank Cook, old-time songs; 10, Bittong's Cheer-up club.
WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, tea music; United Synagogue of America; Davis Saxophone octet; Ipana Troubadours; South Sea Islanders; orchestra.
WEBJ, New York, N. Y. (272.6m-1100kc), 8 p. m., Three Collegians; 8:45, John Von Aspe, tenor; 9, Isabel Henderson, soprano; 9:10, Joseph Zablan, baritone; 9:30, Raymond orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden 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. (485.1m-618kc), 8 p. m., WEAF; 8:30, WEAF.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., concert; 10, Arcadia cafe dance orchestra.
WMCA, New York, N. Y. (340.7m-880kc), 8 p. m., Monte Carlo orchestra; 9, Yale band quartet; 9:30, A Night in Muscle Shoals.
WNYC, New York, N. Y. (526m-570kc), 6:10 p. m., piano selections.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania dance orchestra; 8, concert; 8:30, WEAF; 10, Fox theater studio concert; 10:30, Sam Brown's dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 8 p. m., family hour; 8, classical concert, Edison studio; 11:30-1, Congress carnival, Henry Gendron and his orchestra.
WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, variety hour; 10, Alamo orchestra; 11, Alamo entertainers.
WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Goldkette ensemble; 8-9, studio program.
WDBO, Winter Park, Fla. (239.9m-1200kc), 8:15 p. m., piano recital; 9, dance music.
WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Mrs. Carl Stevens, Ticket Holmes; Marion Hoffman, pianist.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert; 8-8:30, Camp Fire program; 8:30-9:30, Little symphony orchestra; 9:30-10, studio program.
WGR, Buffalo, N. Y. (319m-940kc), 5:30-6:30 p. m., Gospel Melodists; 7:30-8, J. Blosek, pianist; 8-8:30, WEAF.
WGY, Schenectady, N. Y. (379.5m-790kc). 7 p. m., Eastman theater, WFBL.
WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:45, Good Will Oakland; 9, studio program; 11, Realtor tenor, Realtor baritone; 12, Merry Old Chief.
WKRC, Cincinnati, O. (325.9m-920kc), 6 p. m., Garden of Allah orchestra; 8:15, Hotel Alms orchestra; 8:30, Howard Hafford, tenor; 9, Everfresh hour; 12, Lookout house orchestra.
WLW, Cincinnati, O. (422.3m-710kc), 7 p. m., Robert Visconti's orchestra; 10, Pink of Programs; 11, Johanna Grosse, organist.
WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon duo; Bessie Beelman, contralto; Monte Blunn, tenor; Harold Thorpe, pianist; 9-11, Trianon orchestra; Borden Brothers; Clarice Taylor, whistler; John Everett, baritone; Bob Bennett.
WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble concert; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.
WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., choral club of Richmond; 10, Shepherd Webb, organist.
WSAI, Cincinnati, O. (326m-920kc), 7 p. m., Congress Playing Card string quartet; 10, musicale.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, WEAF; 8:30, Detroit News orchestra; 9, WEAF; 10, Detroit News orchestra.
KFAB, Lincoln, Neb. (340.7m-880kc), 8:30-10:30 p. m., musical program.
KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., concert.
KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Jack Willrich's dance orchestra; 9, El Tex Temple No. 114 D. O. K. K. band.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10 p. m., period music; 10, specialties.
WCOA, Pensacola, Fla. (222m-1350kc), 7-8:30 p. m., Mrs. W. G. McLeod, vocalist; Aline Anson, pianist; Neapolitan serenaders; Mrs. George Turner, whistler; Frank Howland, banjoist; Rainbow dance orchestra.
WEMC, Berrien Springs, Mich. (285.5m-1050kc), 8:15 p. m., vocal and instrumental music.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., studio concert.
WHB, Kansas City, Mo. (365.6m-820kc), 7-8. p. m., program; 10:45-11:45, musicale.
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Christian college.
WSB, Atlanta, Ga. (428.3m-700kc), 10:45 p. m., Peerless entertainers.
WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., studio program; 10, studio program.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 8 p. m., Scheuerman's Colorado orchestra; 8:20, Pro-Musica society.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc). 7 p. m., Westerland trio; 7:30 p. m., Nick Harris story; 8-9, program, California Petroleum corporation, Calpet trio; 9-10, Patrick-Marsh dance orchestra, Betty Patrick, soloist; 10-11, program, Charles Beautchamp.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Velvetone Radio corporation; 9-10, Corduroy Tire Stores, Inc.; 10-11, Warner Brothers frolic.
KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Times de luxe program; 10-11, Jerry Grant and his dance orchestra.
KLX, Oakland, Calif. (508.2m-590kc), 8-9 p. m., program; 9-10, special program.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., studio program; 8-9, program, Security Trust and Savings bank; 9-10, El Sereno Country club program; 10-11, Edgewater club dance orchestra; 11-12, Ambassador hotel dance orchestra.

Thursday, September 30

Headliners Today

Atlantic 8 p.m | Eastern 7 | Central 6 | Mountain 5 | Pacific 4
WMBB (250m-1200kc), Italian music.
10 | 9 | 8 | 7 | 6
WCAU (277.6m-1080kc), Hood Boys.
11 | 10 | 9 | 8 | 7
WSWS (275m-1090kc), "Within a Mile o' Edinburgh Town."
12 | 11 | 10 | 9 | 8
KFI (467m-642kc), Playlet, screen artist cast.
12:45 | 11:45 | 10:45 | 9:45 | 8:45
WSB (428.3m-700kc), Jackson, Georgia, Kiwanis club.
1 | 12 | 11 | 10 | 9
WBAP (475.9m-630kc), Novelty program, Southern Melody Boys.
1:15 | 12:15 | 11:15 | 10:15 | 9:15
WLW (422.3m-710kc), Night Howls.

For stations silent tonight refer to first Thursday's list.

Atlantic or Eastern Daylight Saving Time Stations

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Cathay Garden orchestra; 7:30, Snellenburg Symphony orchestra; 8, Saddler's Plantation serenaders; 8:30, recital; 8:45, Gets Go-Getters; 9, Carolyn Thomas, soprano; 9:30, Musical Chefs; 9:45, Professor Doolittle; 10, The Hood Boys.

WEAF, New York. N. Y. (491.5m-610kc), 6 p. m., dinner music; 7:30, orchestra; 8, serenaders; 9, orchestra; 10, Cliquot club Eskimos; 11, Silvertown Cord orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 8-11 p. m., WEAF.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden dance orchestra; 8, WEAF.

WHN, New York, N. Y. (361.2m-830kc), 7-7:30 p. m., program; 8:30-9, vaudeville; 11:30-12, Cotton club orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 8 p. m., recital; 10, dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 9:30, Royal Typewriter Salon orchestra; 10:30, Fireside Boys.

WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Monte Carlo orchestra; 9, Salow soloists; 12, McAlpin entertainers.

WOO, Philadelphia, Pa. (508.2m-590kc). 7:30 p. m., Hotel Sylvania dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 8 p. m., family hour; 9:20, Congress hotel; 10-11:30, classical concert, staff artists; 11:30-1, opening and answering the mail, Eddie and Fannie Cavanaugh.

WCFL, Chicago, Ill. (491.5m-610kc), 7 p. m., Florentine string trio; 8, classical hour; 10, Alamo orchestra; 11-1, entertainers.

WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Goldkette ensemble; 8-9, studio program.

WDBO, Winter Park, Fla. (239.9m-1200kc), 9 p. m., Sanford hour of music; 10, dance music.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert; 10-11, WGHP Frolickers; 11-12, Skylarkers.

WGR, Buffalo, N. Y. (319m-940kc), 5:30-6:30 p. m., Vincent Lopez Hotel Statler orchestra; 7:10, WEAF.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., dinner program; 7:30, book chat; 7:45, musicale; 8, WJZ; 9, WFBL, Syracuse university; 10:30, Stephen E. Boisclair, organist.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:30, Ide and Meginnity; 9, studio program.

WKRC, Cincinnati, O. (325.9m-920kc), 10 p. m., Swiss Garden frolic; 11, popular songs; 11:15, Walter Davidson's Louisville Loons.

WLW, Cincinnati, O. (422.3m-710kc), 6 p. m., Ohio Rhythm Kings; 7, orchestra; 8, Second Annual Dayton Daily News Radio show; 10:45, Al Kirschner, Pep Golden; 11, Castle Farmers; 12:15, Night Howls.

WMBB, Chicago, Ill. (250m-1200kc), 7-8 p. m., Trianon ensemble, Italian music; 9-11, Trianon orchestra.

WOK, Chicago, Ill. (217.3m-1380kc), 6-8 p. m., Tip Top Inn string ensemble; 8-12, Capitol theater organ; Katz and his Kittens' orchestra; Midway Garden orchestra; Tearney's Town club orchestra; Capitol theater program.

WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., Newport News, Va., program.

WSAI, Cincinnati, O. (326m-920kc), 8 p. m., WEAF.

WSWS, Chicago, Ill. (275m-1090kc), 6 p. m., dinner concert; 7, "The Magic Crystal"; 10, "Within a Mile o' Edinburgh Town"; 11, Hallelujah Boys; Ruddy Winters; 12, witching hour.

WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, WEAF.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), mixed program.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Blanchard's dance orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9 p. m., Joe Kuntz, accordionist; 9:20-10, staff artists.

KWWG, Brownsville, Tex. (278m-1080kc), 8:30 p. m., Spanish group, Senorita Carlotta Villareal; 8:45, T. C. Barber, bass; 9, Alfredo Laurents, violinist; 9:15, Mrs. C. W. Davenport; 9:30-9:45, duets, Mr. and Mrs. Cleve Tandy; 12:01, dance music.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., musicale; 9:30-11, Davis Baking Powder saxophone octet; 11, Southern Melody Boys.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Baker hotel orchestra; 7:30-8:30, Mrs. Albert E. Smith, soprano; Mrs. Howard R. Parks, contralto.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., vocal quartet.

WHB, Kansas City, Mo. (365.6m-820kc), 8-9 p. m., Mona Motor Oil company.

WOAW, Omaha, Neb. (526m-570kc), 6:50 p. m., orchestra; 9, classical.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Jackson, Ga., Kiwanis club; 10:45, Charles A. Sheldon, Jr., organist.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Radio Boys' orchestra, George O'Hara and his uke; 8-9, KFI drama hour, short playlet by screen artist cast; 9-10, hour of Hawaiian music, Charles Dimond, steel guitar; 10-11, varied program.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, McGavin Brothers Bakeries; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.

KHJ, Los Angeles, Calif. (405.2m-740kc), 8-10 p. m., Zoellner string quartet; Harriet Andrews, soprano.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthay Circle theater organ; 8-9, program, Rigali and Veselich; 9-11, KNX feature program; 11-12, Ambassador hotel dance orchestra.

Organize Radio Man Hunt

LONDON.—A Radio man, or voice, hunt is a novelty recently introduced on British programs. The hunted man participates in the programs at all sorts of places, and at all sorts of times. He makes announcements, or reads some particular item, and listeners are then asked to give a full description of his movements from station to station. Prizes are offered for correct records of the mystery man's movements.

"GOODY GOODY GIRL"

(Continued from page 18)

She smiled reassuringly. "No; no one knew where I was bound. Grace Hughes herself doesn't expect me. So you're not to worry a moment longer. When we get to the first stop in Illinois, I'll get off, take a train back and—I suppose a little less than sixty dollars will see me through."

"You're a thoroughbred," he exclaimed fervently. "Most girls would have been in a state of hysterics, if not complete collapse, by now and you haven't even turned a hair."

SHE SHRUGGED dainty shoulders deprecatingly. "I can take care of myself, so why get upset?"

"That's right," he agreed, "but I do think you should know that our first stop on the other side of the state line—I questioned the porter pretty closely—will be sometime after midnight, at a lonely little flag-station of a place—"

"I'll not be afraid."

"But I'll be afraid for you. You're entirely too pretty a girl, too tempting by far—"

She laughed and shook a finger warningly. "You mustn't say such things. First thing you know, I'll be believing them—"

"I want you to believe me." His voice was almost a shout again. "I mean every word of it. You've got me winging. My head's in a whirl—"

"Hush!" She rose to her feet, alarmed by his vehemence.

"I won't hush." He, too, got up and she backed away when he made as if to take her into his arms. "I love you. Every minute I see you I get more and more in love with you. You shan't get off this train alone and in the middle of the night. You're coming on to Chicago with me."

"To Chicago? Are you mad? I couldn't think of it."

"Yes, I'm mad. Mad about you and—"

He broke off sharply and whirled away from her.

Someone was rapping peremptorily upon the drawing-room door.

Lois! Lois! What is to become of you? The silken threads of the city spiders are beginning to wind about you. You do not know. But soon you will suspect and then what will you do, friendless and not knowing whom to trust? We are going to watch and hope for you as your story unfolds in succeeding issues of Radio Digest.

AT KYW AIR CARNIVAL

(Continued from page 5)

menced kicking WTAS off his Purple Grackle antenna he got Eddie to man the mike with his announcing and Fannie skidded the ivories as staff pianist. They worked up a big audience for their own parts. Now we have them regular for this carnival feature and they certainly are getting the postman's goat.

"Art Linick is announcer for us. Art is 'der Dutchman vot somedimes geds der vires of der vireless all tvisted togedder mitt vrom egzidemondt behind der migrofone.'

"His 'Bed Time Stories' are in the same class with the 'Bad Time Stories' of the Western station except that he uses the Jewish dialect. His 'kiddies' wear high heel slippers and short bobs."

Just before this sympos'um was compiled for the composing room Mr. Mattson brought over a picture of Earl Meeker in the clown costume. He had not been on the air yet in Chicago but he was announced as an "exclusive KYW artist" who probably would be another scintillation of this riotous hour, although Mr. Meeker has a wider fame as a baritone of the opera.

"But he is a wonder, very versatile," said Mr. Mattson. "He comes East after a distinguished record at KFI and KHJ in Los Angeles. He also was director of the Temple Baptist Church choir of one hundred voices at Los Angeles."

Another regular singer on the KYW carnival program is Miss Grace Wilson. Her personal beauty and feminine charm would possibly surprise many a carnival listener because her voice often is mistaken for that of a man and she sings the regular tenor parts with perfect ease and technique.

Each week finds the carnival audience spreading in wider circles. The applause cards of listeners in the country and smaller towns seem especially appreciative. To them it is a vivid introduction to the gaiety and rollicking life of the big city. It is their theater, their dance, their big day at the "carnival fair."

New WPG Transmitter First Of Improved 5,000-Watters

ATLANTIC CITY, N. J.—The new 5,000-watt superstation of the "World's Play Ground," Station WPG here, is new in every sense of the word. It embodies a new circuit and all the latest improvements made on the basis of experiments of the past three years by Western Electric engineers.

This set, first of a new type, has a master oscillator and frequency stabilizer. Carrier wave distortion is cut out entirely, it is claimed.

300-Foot WJZ Towers Are Guide for Air Mail Flyers

NEW YORK.—The three hundred foot antenna towers of Station WJZ's transmission plant at Bound Brook are doubly useful. In addition to supporting the six-wire "T" type cage antenna used in broadcasting from this station, they also serve as towers of light to guide the United States air mail flyers to their landing field which is only a few miles distant from the transmitter.

RADIO SET DON'T WORK

(Continued from page 9)

call where a service man is required to visit the house. The cost of new tubes, batteries or set parts is additional. We have found this plan to be very satisfactory."

"Summing up your experiences as a professional 'trouble shooter' what would you have to say concerning the general public?" I asked the service manager.

"It is divided into three classes. The first comprises that group of people who don't know, know they don't know and don't want to know, but yet are willing to pay for service. I should say 20 per cent of the set owners fall in this classification.

"The second group is the boring majority. It embraces about 60 per cent of the listeners. We call it the 'reader' class, because these persons usually 'fix' their own sets and ruin them, then call for service, and close the deal by blaming the service men or their receivers. It is because of this group that we must school our service men in keeping cool and never losing their tempers.

"The third class, embracing the remaining 20 per cent, contains those people who know or practically know what they are doing, but when they get stuck, they send for the service man, listen to him intelligently, and willingly pay for the lesson."

I closed my notebook and addressed the service manager.

"I think my readers will get something worth while from your interview," I said. "I hope the article makes it a little easier on the downtrodden service man, and stops many of the foolish calls."

So I conclude by saying, don't be insulted, but take this information to heart for what it is worth. It is just a lot of common sense every listener should have.

Classified Advertisements

NOW IS time to get that new set you have been planning on for so long. Sell your present set through a classified advertisement in Radio Digest. Others have done it. Radio Digest classified advertisements produce results, whether you have a Radio to sell or want to buy one.

Rates are twenty cents a word for each insertion. Five per cent discount for four insertions, 10 per cent discount for six insertions, 15 per cent discount for twelve insertions, 20 per cent discount for twenty-four insertions (each issue for 1 year). Name and address are counted. Two initials count one word. Cash must accompany order. Minimum of ten words. Objectionable and misleading advertisements not accepted.

Copy reaching us not later than September 12 will be in time for our October 1 issue.

RADIO DIGEST PUBLISHING CO., 510 No. Dearborn Street, Chicago

BLUE PRINTS

Portable Super-Het Actual Size Template for 8-tube Super using 199 type tubes. Complete building instructions appearing in First and Second June issues of Radio Digest. 25 cents for template—30 cents for copies containing instructions. Book Dept., Radio Digest, 510 North Dearborn Street, Chicago.

Complete instructions for building the Simplest Possible Super-Het. 16-page booklet containing instructions for building and an exact size template for drilling panel and base. How to build a loop. 35 cents. Book Dept., Radio Digest, 510 N. Dearborn St., Chicago.

We still have a limited number of the actual size templates and blue prints for the following sets which have been described in Radio Digest; Super-Torodyne, 8-tube super-het; Fireside, 6-tube radio frequency; Grand Prix, 8-tube super-het; Counterphase, 6-tube radio frequency; DX Seven, 7-tube super; 4 Filter Super and the Straight-8, an eight-tube super-het. Each set, 25 cents. Book Department, Radio Digest, 510 N. Dearborn St., Chicago.

BROADCASTER WANTED

Want 500 watt broadcaster. Give description and price. Amateur 4AA, Radio Digest.

DOGS

Beautiful registered bull pups, $15. Bulldogs, 501 Rockwood, Dallas, Texas.

HELP WANTED

Wanted Good Male Quartet for introducing catchy new song. Box 505, Radio Digest.

INSTRUCTION

If you want to become a RADIO ANNOUNCER write Pioneer Radio Broadcasting School, 843 Little Building, Boston.

MISCELLANEOUS

FREE Photos of Your Favorite Radio Stars. Write for offer. Circulation Department, Radio Digest, 510 N. Dearborn Street, Chicago.

PATENT ATTORNEYS

PATENT ATTORNEYS

PATENTS. Booklet free. Highest references. Best results. WATSON E. COLEMAN, Patent Lawyer, 644 G Street, Washington, D. C.

RADIO

600-MILE RADIO, $2.95. Needs no tubes nor batteries. Over 200,000 already sold. A real set, not a toy. Sent postpaid. Order direct from this ad. Crystal Radio Co., Wichita, Kansas.

Underground Aerial — Eliminate static and interference by using Smith's underground aerial. Recommended by authorities. Enjoy radio at its best. Hundreds in use. Easy to install. Price $6.75 delivered. Smith's Lab's, 676 Euclid, Beaumont, Tex.

1927 Greatest Improvement, Stops Your Tube Noises, Vibration, Ringing, Microphonic. Adds fifty to hundred percent distance and clarity to radio Reception. Write for Advance Bulletin "T-R-S Tube Bands." Tidmarsh' Radio Supply, Elwood, Indiana.

Battery Eliminators. Attractive Discounts. Particulars Free. Radio Brokerage, Cedar Rapids, Iowa.

Crosley 3 tube receiving set, new, $12.00 postpaid. F. Meek, Rockbridge, Ill.

43-Plate Webster Condensers, $1.39. 23-Plate Webster Condensers, $1.29. All new. Closing out my stock. Bronsteins Pharmacy, 4600 Lincoln Ave., Chicago.

I am buying a new set and want to sell my Radio Digest DX-Seven, a seven-tube "super-het," and my Golden-Leutz, C-7, a wonderful seven-tube set. Both sets complete with matched tubes, storage A and storage B batteries. $75 each, complete. P. Harrison, 5911 N. Rockwell St., Chicago.

Closing out all of my Radio stock. 200-ohm potentiometer with silver knob and dial, 10 cents; Howard rheostats 6½, 6¾ or 25-ohm, 75 cents; Filkostats, 50 cents; set eight lettered binding posts, 25 cents; variable condensers with dial and vernier, 13-plate, $1; 23-plate, $1.50; 4-inch black dials, 3—50 cents; 3-inch, 3—35 cents. Bronsteins Pharmacy, 4600 Lincoln Ave., Chicago.

SALESMEN WANTED

A PAYING POSITION OPEN to representative of character. Take orders shoes-hosiery direct to wearer. Good income. Permanent. Write now. Tanners Shoe Mfg. Co., 8-707 C St., Boston, Mass.

Manufacturer and jobber of radio equipment and accessories is open for sales agent in the middle west. Address: Box 504, Radio Digest.

Radiophone Broadcasting Stations

Corrected Every Issue—Part IV—Sept. 15, 1926

ONE DOLLAR will be paid to the Radio fan reader of Radio Digest submitting the most errors in any one station's listing in the Directory of Radiophone Stations, which appears in six parts, serially continuously on the next to last page. Letters must reach Radio Digest's office not later than one week from date of issue corrected. Readers are not limited to correcting one station, but such corrections must be verified by the stations themselves, and NOT by comparison to other so-called accurate Radio directories or lists. Verifications must accompany corrections. Turn in corrections for as many stations as you can find—if you can find errors! Use separate sheet of paper for each station submitted and place name and address on each sheet. In case of tie, duplicate awards will be made. Until wave lengths become stable again, we will not be able to count these in the challenge.

United States (Cont'd)

NOTE.—The fourth part of the schedule list appears below. Part five appears next issue.

WMAQ, Chicago, Ill. 447.5m-670kc. 1,000 watts. The Chicago Daily News. Announcer, Roberty Whitney. Daily ex Sun, 11-12 n, WQJ program; 12-1:45 pm, 2:45-7, 7-8, 8-10. Central daylight.

WMAY, St. Louis, Mo. 247.8m-1210kc. 100 watts. Kingshighway Presbyterian church. Slogan, 'May Every By-Way Hear Kingshighway." Mon, 8 pm. Sun, 11 am, 8 pm. Central.

WMAZ, Macon, Ga. 260.7m-1150kc. 500 watts. Mercer University. Announcer, Carey O. Pickard. Off the air for the summer.

WMBB, Chicago, Ill. 249.9m-1200kc. 500 watts. American Bond & Mortgage Co.-Trianon. Announcer, John Stamford. Slogan, "World's Most Beautiful Ballroom." Daily ex Sun, Mon, 7-8 pm, 9-11. Sun, 3-5 pm, 7-8, 9-11. Central daylight.

WMBC, Detroit, Mich. 256.3m-1170kc. 100 watts. Michigan Broadcasting Co. Announcer, Don L. Fox. Mon, Tues, Wed, 10 pm. Sun, Thurs, Fri, 8 pm. Eastern.

WMBF, Miami Beach, Fla. 384.4m-780kc. 500 watts. Fleetwood Hotel. Daily, 7-8 pm, dinner concert; 7:30-9 pm. Eastern.

WMBI, Chicago, Ill. 288.3m-1040kc. 500 watts. Announcer, J. D. Herron. Slogan, "West Point of Christian Service." Daily ex Sun, 7-7.30 am; 10:30-11:30. Daily ex Sun, Mon, 8:30-9:30 pm. Sun, 3:30-5 pm, 7-9. Central daylight.

WMC, Memphis, Tenn. 499.7m-600kc. 500 watts. The Commercial Appeal. Announcer, Francis S. Chamberlin. Slogan, "Station WMC, Memphis." "Down in Dixie." Club, "Midnight Frolic." Daily ex Sun, 9:45 am, 12 n, 2:30 pm, weather, markets, music. Daily ex Sun, Wed, 8:30 pm, program; Tues, Fri, 11 pm, Midnight Frolic. Sun, 11 am, church service. Central.

WMCA, New York, N. Y. 340.7m-880kc. 500 watts. Hotel McAlpin. Announcer, Snedden Weir. Slogan, "Where the White Way Begins." Daily, 6-12 midnight. Tues, 11-1 pm. Sun, 11-12:15 pm, 5-11. Eastern daylight.

WMSG, New York, N. Y. 302.8m-990kc. 500 watts. Madison Square Garden.

WNAB, Boston, Mass. 280.2m-1070kc. 100 watts. The Shepard Stores. Announcer, Ben Hadfield. Daily ex Sun, 3-4 pm. Eastern daylight.

WNAC, Boston, Mass. 431m-697kc. 500 watts. The Shepard Stores. Announcer, John J. Fanning. Daily ex Sun, 10:30-11:30 am, 1-2 pm, 4-5, 6-11 pm. Sun, 11 am, 8-9:15 pm. Eastern daylight.

WNAD, Norman, Okla. 254m-1180kc. 500 watts. University of Oklahoma. Announcer, C. E. Bathe. Slogans, "Oklahoma"; "Voice of Sooner Land." Off the air for the summer.

WNAL, Omaha, Nebr. 258.5m-1160kc. 50 watts. Central High School. Announcer, Ronald J. Rockwell. Slogan, "Pioneer Broadcast of Omaha." Fri, Sat, 9-10:30 pm. Central.

WNAT, Philadelphia, Pa. 249.9m-1200kc. 500 watts. Lennig Bros. Co. Announcer, Jess Brinton Young. Slogan, "We Never Are Tired." Wed, 6:50 pm. Sat, 8 pm. Sun, 6:50 pm. Eastern daylight.

WNAX, Yankton, S. D. 243.8m-1230kc. 100 watts. Dakota Radio Apparatus Co.

WNBH, New Bedford, Mass. 247.8m-1210kc. 250 watts. New Bedford Hotel. Announcer, A. J. Lopez. Mon, 6-10 pm. Wed, Fri, 6-7 pm, 8-10. Sun, 11-12:15 pm. Eastern daylight.

WNJ, Newark, N. J. 252m-1190kc. 150 watts. Radio Shop of Newark, Inc. Announcer, W. A. Bingenheimer. Slogan, "The Voice of Newark." Tues, Wed, Fri, Sat, Sun, 6-6:30 pm, 8:30-12 midnight, dance music. Eastern daylight.

WNOX, Knoxville, Tenn. 267.7m-1120kc. 500 watts. Peoples Telephone & Telegraph Co. Mon, Wed, Fri, Sun, 7:30-10 pm. Sun, 10:30 am. Central.

WNYC, New York, N. Y. 526m-570kc. 1,000 watts. New York Municipal Radio station. Announcer, Christie R. Bohnsack. Slogan, "Municipal Broadcasting Station of The City of New York." Tues, Thurs, 7 pm, markets; 7:30 pm, 10:30, police; 7:35, entertainment; 10:30, weather. Mon, Wed, Fri, 6:10 pm, markets. Eastern daylight.

WOAI, San Antonio, Tex, 394.5m-760kc. 2,000 watts. Southern Equip. Co. (Evening News-Express). Announcer, J. G. Cummings. Slogan, "The Winter Playground of America, Where the Sunshine Spends the Winter." Daily ex Sun, 10 am, weather reports, news; 12:15 pm, 2:30, 3, 6:15. Tues, Wed, Thurs, Fri, 8:30-9:30 pm. Sun, 11 am, service; 7:30 pm, 9:30. Central.

WOAN, Lawrenceburg, Tenn. 282.8m-1060kc. 500 watts. James D. Vaughan. Announcer, James D. Vaughan. Daily ex Sat, 9-10 pm, concert. Central.

WOAW, Omaha, Neb. 526m-570kc. 1,000 watts. Woodmen of the World. Announcer, Lester Palmer. Slogan, "Where the West Is at the Best." Daily ex Sun, 8:15 am, 8:55, 10:30, 12:30 pm, 1:45, 4, markets. Daily ex Sun, Sat, 12:45 pm. Daily ex Sun, Wed, 6-7:30, 9-11. Sat, 11-12 midnight, organ. Sun, 9-10:45 am, 1:30 pm, 2:30-4 pm, 6, 9. Central.

WOAX, Trenton, N. J. 239.9m-1250kc. 500 watts. F. J. Wolff. Slogan, "Trenton Makes; the World Takes." Daily ex Sun, 12:15-12:30 pm. Eastern daylight.

WOC, Davenport, Iowa. 483.6m-620kc. 5,000 watts. The Palmer School of Chiropractic. Slogan, "Where the West Begins and in the State Where the Tall Corn Grows." Daily ex Sun, 12:57 pm, time; 1, markets; 3, home hour; 5:45, chimes; 6, baseball. Tues, 6:30-8 pm, WEAF: 8-9. Wed, 4-4:45 pm; 7-7:30, 9:30-10:30. Thurs, 6-9:30 pm. Fri, 4-5 pm, 8-9:30. Sat, 12:57 pm, 1, 5:45, 6, 9-10. Sun, 1-2 pm; 8-8:30, church; 9:30-10:30. Central.

WOCL, Jamestown, N. Y. 275.1m-1090kc. 15 watts. Jamestown Furniture Market Assn. Announcer, W. A. McCutcheon. Slogan, "We're on Chautauqua Lake." Mon, 9-9:15, 9:15-12 midnight. Sun, 10:30 am, 7:30-9. Eastern.

WODA, Paterson, N. J. 390.9m-767kc. 500 watts. O'Dea Temple of Music. Slogan, "A Voice from the Silk City." Daily ex Sun, 12-1 pm; 5-7, 8:30-11. Eastern daylight.

WOI, Ames, Iowa. 270.1m-1110kc. 750 watts. Iowa State College. Announcer, A. G. Woolfries. Daily ex Sun, 8 am, markets; 9:30, weather, markets; 10:30; 12:15 pm; 6:30, closing markets; 9:30, weather. Tues, Thurs, 10 am. Mon, Thurs, 7:30 pm, music. Central.

WOK, Homewood, Ill. 217.3m-1380kc. 5,000 watts. Neutrowound Radio Mfg. Co. Announcer, George W. Allen. Daily ex Sun, Mon. Daily ex Mon, 6-8 pm, 8-12 midnight. Sun, 6-12 midnight. Central daylight.

WOKO, Peekskill, N. Y. 232.4m-1290kc. 50 watts. H. E. Smith. Daily ex Sun, 1:30-2:30 pm, 2:30-3. Sun, 11 am. Eastern daylight.

WOO, Philadelphia, Pa. 508.2m-590kc. 500 watts. John Wanamaker. Daily ex Sun, 11 am, organ recital; 12:55, time; 12-1 pm, concert; 4:40, weather; 4:45, organ recital; 7:30, police reports; 10:55, time; 10:02, weather. Mon, Wed, Fri, 7:30-11 pm, music, concert. Sun, alternate am and pm services, 9:15, alternate Sundays. Eastern daylight.

WOOD, Grand Rapids, Mich. 241.8m-1240kc. 1,000 watts. Hotel Rowe. Announcer, Maurice Wetzel. Slogan, "The Furniture Capital of America." Daily ex Sun, 11 am, weather. Mon, 9-12 midnight. Tues, Wed, Fri, Sat, 9-11 pm. Central daylight.

WOQ, Kansas City, Mo. 277.6m-1080kc. 1,000 watts. Unity School of Christianity. Tues, 8-9 pm. Thurs, 7-7:45 pm, 7:45-9. Sat, 10-11 pm. Sun, 11 am, 7-9:15 pm. Central.

WOR, Newark, N. J. 405.2m-740kc. 500 watts. L. Bamberger & Co. Announcer, J. M. Barnett. Daily ex Sun, 6:45-8 am, 2:30-4 pm. Daily and Sun, 6:15-12 midnight. Eastern daylight.

WORD, Batavia, Ill. 275.1m-1090kc. 5,000 watts. Peoples Pulpit association. Announcer, B. M. Rice. Slogan, "Watchtower Station WORD." Tues, Wed, Fri, 7-8 pm; 9-10, 11-12. Thurs, 8-10 pm. Sat, 7-8 pm, 9-10. Sun, 2:30-4 pm, 7-8, 9-10:30. Central daylight.

WOS, Jefferson City, Mo. 440.9m-680kc. 500 watts. Missouri State Marketing Bureau. Slogan, "Watch Our State." Daily ex Sun, first 15 min. of every hour from 9 am-2 pm, markets. Mon, Wed, Fri, 8-10 pm, concert. Central.

WOWO, Fort Wayne, Ind. 227m-1320kc. 500 watts. Main Auto Supply Co. Off the air for the summer.

WPAK, Fargo, N. D. 275.1m-1090kc. 100 watts. N. D. Agricultural College. Announcer, Gordon Laing. Mon, Wed, Fri, 7:30 pm. Central.

WPAP, New York, N. Y. 361.2m-830kc. 500 watts. Palisades Amusement Park. Mon, Wed, Sat, 8 pm. Tues, Fri, 8:30 pm. Thurs, 9 pm. Eastern daylight.

WPCC, Chicago, Ill. 258.5m-1160kc. 500 watts. North Shore Congregational church. Announcer, Frances H. Frederickson. Wed, 7-8 pm. Fri, 7:30-9 pm. Sun, 11-12:30 pm; 3:30-6, 8, service. Central daylight.

WPDQ, Buffalo, N. Y. 205.4m-1460kc. Hiram L. Turner.

WPG, Atlantic City, N. J. 299.8m-1000kc. 1,000 watts. Municipality of Atlantic City. Slogan, "World's Playgrounds." Mon, Tues, Fri, 7 pm. Tues, Thurs, Fri, Sat, 9 pm; 10, classics. Mon, 8 pm, Thurs, 11 pm. Sat, 6:30 pm, concert; 10, Sun, 3:15 pm, organ; 4:15, service; 10, service. Eastern daylight.

WPRC, Harrisburg, Pa. 215.7m-1390kc. 100 watts. Wilson Printing & Radio Co. Wed, 9-11 pm. Eastern daylight.

WPSC, State College, Pa. 282.8m-1060kc. 500 watts. Pa. State College. Slogan: "The Voice of the Nittany Lion."

WQAA, Parkesburg, Pa. 220.4m-1360kc. 500 watts. Horace A. Beale, Jr. Temporarily discontinued.

WQAC, Amarillo, Tex. 234.2m-1280kc. 100 watts. Gish Radio Service. Daily ex Sun, 10 am, 12 n, 7 pm. Sun, 11 am. Central.

WQAE, Springfield, Vt. 245.8m-1220kc. 50 watts. Moore Radio News Station. Announcer, Ernest S. Newell. Slogan, "The Pioneer Broadcasting Station of Vermont." Sat, 11-1 am. Sun, 10:30 am, church service; 7 pm, service. Eastern.

WQAM, Miami, Fla. 285.5m-1050kc. 750 watts. Electrical Equip. Co. Announcer, Frederick W. Mizer. Slogan, "The Most Southern Radiocasting Station in U. S." Daily ex Sun, 11:45 am. Tues, Thurs, Sat, 7:30-9 pm. Wed, 8-10 pm. Sun, 10:45 am, 8 pm. Eastern.

WQAN, Scranton, Pa. 249.9m-1200kc. 100 watts. Scranton Times. Announcer, T. V. Nealon. Slogan, "The Voice of the Anthracite." Daily ex Sun, 12:30-1 pm, 4:30-5, news, reports, sports, music. Tues, Fri, 8 pm, entertainment. Sat, 10-12 midnight, dance music. Eastern.

WQAO, New York, N. Y. 361.2m-830kc. 500 watts. Calvary Baptist church. Announcer, Wade Kirnsey. Slogan, "The First Church Owned and Operated Broadcasting Station in the World." Wed, 8 pm, church service. Sun, 11:30 am, 3 pm, 7:30, church services. Eastern daylight.

WQJ, Chicago, Ill. 447.5m-670kc. 500 watts. Calumet Baking Powder company-Rainbo Gardens. Announcer, Harry Geise. Daily ex Sun, 1:45-2:45 pm, woman's hour. Daily ex Sun, Mon, 7-8 pm, 10-2 am. Sat, 11-12 m, 3-4 pm, 7-8, 10-3. Mon, 11-12 m, 3-4. Sun, 9:30 am, service; 3-4 pm, 8-10. Central daylight.

WRAF, La Porte, Ind. 223.7m-1340kc. 100 watts. Radio Club, Inc. Announcer, Charles Middleton. Slogan, "The Voice of the Maple City." Mon, Thurs, 8:30 pm. Sun, 10:45 am, service; 7:30 pm. Central.

WRAH, Providence, R. I. 235m-1276kc. Stanley N. Read.

WRAK, Escanaba, Mich. 256.3m-1170kc. 100 watts. Economy Light Company. Announcer, H. E. Flath. Slogan, "The Gateway to Cloverland." Mon, Fri, 8:30 pm. Eastern.

WRAM, Galesburg, Ill. 243.8m-1230kc. 100 watts. Lombard College. Mon, 7-11 pm. Central.

WRAV, Yellow Springs, Ohio. 263m-1140kc. 100 watts. Antioch College. Announcer, Charles Hoffman. Wed, 8 pm, music; 9, educational. Sun, 7 pm. Central.

WRAW, Reading, Pa. 238m-1260kc. 10 watts. Avenue Radio & Elec. Shop. Slogan, "The Schuylkill Valley Echo." Announcer, C. M. Chafey. Tues, 9-11 pm. Thurs, 10-12. Eastern.

WRAX, Philadelphia, Pa. 267.7m-1120kc. 500 watts. Berachah Church, Inc.

WRBC, Valparaiso, Ind. 277.6m-1080kc. 500 watts. Immanuel Lutheran church. Announcer, A. Z. Arehart. Slogan, "World Redeemed by Christ." Mon, 7:30 pm. Sun, 10:30 am, church service. Central.

WRC, Washington, D. C. 468.5m-640kc. 1,000 watts. Radio Corp. of America. Announcer, John B. Daniel. Slogan, "The Voice of the Capitol." Daily ex Sun, 6:45 am-11 pm. Sun, 11 am-10:15 pm. Eastern.

WRCO, Raleigh, N. C. 252m-1190kc. 100 watts. Wynne Radio Co. Sun, 10:45 am; 1 pm. Eastern.

WREC, Coldwater, Miss. 254.1m-1180kc. 10 watts. Wooten's Radio & Elec. Co. Announcer, S. D. Wooten. Slogan, "The Most Powerful 10-Watt Station in the World." Sat, 9:30-10:30 pm. Sun, 4-5 pm. Central.

WREO, Lansing, Mich. 285.5m-1050kc. 500 watts. Reo Motor Car Co. Announcer, Roy E. Davis. Slogan, "Watch Reo." Daily ex Sun, 6-7 pm, dinner concert. Tues, Thurs, 8:15-10 pm. Sat, 10-12 midnight. Sun, 10 am, chimes; 10:30 am, 7:30 pm, church. Eastern.

WRHF, Washington, D. C. 256.3m-1170kc. Washington Radio Hospital fund.

WRHM, Minneapolis, Minn. 252m-1190kc. 50 watts. Rosedale Hospital, Inc. Announcer, Troy S. Miller. Tues, 11 pm. Wed, 9-11 pm, music. Sun, 9:30 am, 2:30 pm, 9:30, 11. Central.

WRK, Hamilton, Ohio. 270.1m-1110kc. 200 watts. Doron Bros. Elec. Co. Slogan, "The Oldest Station in Existence." Sun, 10:15 am, church services. Central.

WRM, Urbana, Ill. 272.6m-1100kc. 500 watts. Univ of Ill. Tues, 7-8 pm, musical. Sun, 4 pm, organ. Central.

WRMU, New York, N. Y. 236 meters. 100 watts. A H. Grebe & Co., Inc. Motor Yacht "MU-1."

WRNY, New York, N. Y. 374.8m-800kc. 500 watts. Experimenter Pub. Co. Daily ex Sun, 11 am, 1:30 pm, 6:59-11. Sun, 12-1 am, 4-5 pm, 3, 4, 8. Eastern daylight.

WRR, Dallas, Texas. 245.8m-1220kc. 500 watts. City of Dallas. Announcer, John Thorwald. Slogan, "City of Achievements." Daily ex Sun, Wed, 12-1 pm; 5-5:30, 6-7, 8-9. Mon, 11-12 midnight. Fri, 11-12 midnight. Wed, 5-5:30 pm. Thurs, 9:30-10:30 pm. Central.

WRST, Bay Shore, N. Y. 215.7m-1390kc. 250 watts. Radiotel Mfg. Co., Inc. Slogan, "Radiotel on the Sunrise Trail." Mon, Wed, Fri, 7-9 pm. Tues, Thurs, 8-10 pm. Eastern.

WRVA, Richmond, Va. 256.3m-1170kc. 1,000 watts. Larus & Bro. Co., Inc. Announcer, Elmer G. Hoelzle. Slogan, "Carry Me Back to Ole Virginny." Wed, 12-2 pm. Mon, Wed, Thurs, 8-11 pm. Tues, 11-1 am. Fri, 7-11 pm. Eastern.

WSAI, Cincinnati, Ohio. 325.9m-920kc. 5,000 watts. United States Playing Card Co. Announcer, P. A. Greene. Mon, 10-12 m. Tues, 5:30-10; 12-1. Wed, 7:30-12 midnight. Thurs, 6:30-10 pm. Sat, 7-10 pm; 12-1:30. Sun, 3-4:30 pm; 7:45-10:15, 8-10 pm. Central daylight.

WSAJ, Grove City, Pa. 228.9m-1310kc. 250 watts. Grove City College. Horace Montgomery, activities.

WSAN, Allentown, Pa. 228.9m-1310kc. 100 watts. Allentown Call Pub. Co. Announcer, C. Fred Ritter. Tues, Thurs, 8:15 pm. Sat, 8:15pm, 11:30. Eastern.

WSAR, Fall River, Mass. 254.1m-1180kc. 100 watts. Doughty & Welch Elec. Co., Inc. Announcer, Wm. A. McGrath. Daily ex Sun, 12-1 pm. Mon, Wed, Fri, 5-6 pm. Sun, 10:30-12 m. Eastern.

WSAX, Chicago, Ill. 267.7m-1120kc. 100 watts. Zenith Radio Corp. (Portable).

WSAZ, Pomeroy, Ohio. 243.8m-1230kc. 50 watts. Chase Elec. Shop. Announcer, Glenn E. Chase. Sat, 2 pm. Sun, 10:30 am, 3:30 pm. Eastern.

WSB, Atlanta, Ga. 428.3m-700kc. 1,000 watts. Atlanta Journal. Announcer, Lambdin Kay. Slogan, "The Voice of the South." Daily ex Sun, 12-1 pm, music, weather; 2:30, reports; 5, orchestra, 8-9, concert (ex Wed) 10:45-12, concert. Sun, 5-6, 7:30-9:15, church services. Central.

WSBC, Chicago, Ill. 288.3m-1040kc. 1,000 watts. World Battery Co. Daily ex Sun, Mon, 6:30-8:30 pm; 10-1. Mon, 5:30-7 pm. Sat, 2-4 am. Sun, 6:30-8:30 pm, 10-1. Central daylight.

WSBF, St. Louis, Mo. 272.6m-1100kc. 250 watts. Stix Baer & Fuller Dry Goods Co. Announcer, Helen G. Hatfield. Daily, 12 n, 3-4 pm. Mon, 7:30-10 pm. Wed, Fri, 7:30-9 pm. Sun, 9-10 pm, 11-1 am. Central.

WSBT, South Bend, Ind. 275.1m-1090kc. 500 watts. South Bend Tribune. Announcer, C. G. Livengood. Mon, Fri, 7-10 pm, concert. Wed, 7:15-9:30 pm, 11-12. Central.

WSDA, New York, N. Y. 263m-1140kc. 250 watts. City Temple. Thurs, 7:45-9:30 pm. Sat, 10:45-1 pm. Sun, 7:30-9:30 pm. Eastern.

WSKC, Bay City, Mich. 260.7m-1150kc. 100 watts. World's Star Knitting Co. Announcer, L. M. Nims. Slogan, "Where the Summer Trails Begin." Mon, Wed, 9-11 pm. Sat, 11-2 am. Sun, 11 am. Eastern.

WSM, Nashville, Tenn. 282.8m-1060kc. 1,000 watts. National Life and Accident Insurance Company. Announcer, George Hay. Mon, Wed, Fri, 7-9 pm; 10-11. Tues, 7:45-9 pm. Sat, 7-11 pm. Central.

WSMB, New Orleans, La. 319m-940kc. 500 watts. Saenger Theaters, Inc., and The Maison Blanche Co.. Daily ex Sun, 12:30-1:30 pm, 6-7:30. Mon, Wed, Thurs, Sat, 8:30-10:30 pm. Central.

WSMH, Owosso, Mich. 239.9m-1250kc. 30 watts. Shattuck Music House. Announcer, Don Shattuck. Wed, 8 pm. Sat, 10 pm. Sun, 10 am. Eastern.

WSMK, Dayton, Ohio. 275.1m-1090kc. 500 watts. S. M. Krohn, Jr. Slogan, "The Home of Aviation." Daily ex Sun, Thurs, 12-1 pm, 6-7, 8-10. Sat, 12-3 am. Sun, 10:45-12 n, 7:30-9 pm. Central daylight.

WSOE, Milwaukee, Wis. 245.8m-1220kc. 500 watts. School of Engineering of Milwaukee. Announcer, O. W. Meissner. Slogan, "In the Land of the Sky-blue Waters." Daily ex Sun, Mon, 7 pm. Tues, Wed, Thurs, 2:45 pm, reports. Daily ex Sat, Sun, 5 pm, reports. Sat, 1 pm, markets. Sun, 3:30 pm, 5, 7:30. Central.

WSRO, Hamilton, Ohio. 252m-1190kc. 100 watts. Radio Co. Announcer, Harry W. Fahrlander. Slogan, "We Sell Radio Only." Tues, Fri, 10:30-11 am, 8-10 pm. Sun, 2-4 pm. Central daylight.

WSSH, Boston, Mass. 260.7m-1150kc. 100 watts. Tremont Temple Baptist church. Announcer, Raymond B. Meader. Fri, 7:30-8:30 pm. Sun, 10:30 am, 6:30 pm, church service. Eastern daylight.

WSUI, Iowa City, Iowa. 483.6m-620kc. 500 watts. Univ of Iowa. Announcer, Carl Menzer. Mon, 11:15 pm. Daily ex Sat, Sun, 10:30 am. Sun, 9-9:30 pm. Central.

WSVS, Buffalo, N. Y. 218.8m-1370kc. 50 watts. Seneca Vocational School.

WSWS, Chicago, Ill. 275.1m-1090kc. 1,000 watts. S. W. Straus & Co. Daily ex Sun, 11-1 pm. Daily ex Sun, Mon, 6-7 pm, 8-9, 10-11. Tues, Thurs, Sat, 12-1 am. Sun, 11-12:30 pm, 3:30-5, 7-9:30. Central daylight.

WTAB, Fall River, Mass. 265.3m-1130kc. 100 watts. Fall River Daily Herald News. Mon, Thurs, 10:45 am. Tues, 7:30-9 pm. Thurs, 7:30 pm. Eastern daylight.

WTAD, Carthage, Ill. 236.1m-1270kc. 50 watts. Robert E. Compton. Mon, 8-10 pm. Thurs, 9-11 pm. Sun, 2:30 pm. Central.

WTAG, Worcester, Mass. 545.1m-550kc. 500 watts. Worcester Telegram. Announcer, Chester Gaylord. Slogan, "The Voice from the Heart of the Commonwealth." Daily ex Sun, Sat, 12 n, 12:05, 1 pm. Mon, 12:40 pm, health talk; 6-7, 8, 8:05, 9, news. Tues, 6:45-7:40 pm, 7:40, 9, 10. Wed, 6:30-11 pm. Thurs, 12:40 pm, 6:45-11 pm. Fri, 12:40 pm, 6-11 pm. Sat, 12 n, 1 pm. Sun, 7:20-9:15 pm. Eastern daylight.

WTAL, Toledo, Ohio. 252m-1190kc. 100 watts. Toledo Broadcasting Co. Announcer, Reginald Baxter. Slogan, "The Gateway to the Sea." Daily ex Sun, 7:30 pm. Eastern.

WTAM, Cleveland, Ohio. 389.4m-770kc. 3,500 watts. Willard Storage Battery Co. Announcer, J. T. Vorpe. Slogan, "The Voice from the Storage Battery." Daily ex Sun, 12:15-1:30 pm, 6-7 pm, dinner program, 8-12. Sun, 10:30-12 n, 7-9:30 pm. Eastern.

WTAQ, Eau Claire, Wis. 254.1m-1180kc. 100 watts. C. S. Van Gorden. Announcer, Mrs. C. S. Van Gorden. Slogan, "The Voice of the Wilderness." Daily ex Sun, 10:30 am, 12:15 pm, 6:15, weather, markets; 6:30, code. Tues, 8 pm. Fri, Sun, 7:30 pm. Central.

WTAR, Norfolk, Va. 260.7m-1150kc. 100 watts. Reliance Electric Co. Announcer, J. K. Bohannon. Slogan, "Down in Old Virginia." Daily ex Sun, 6:30 pm, weather, markets, news. Tues, 8-9 pm, music. Eastern.

WTAW, College Station, Tex. 270.1m-1110kc. 500 watts. Agricultural and Mechanical College of Texas. Wed, Fri, 8 pm. Sun, 11 am. Central.

WTAX, Streator, Ill. 230.6m-1300kc. 50 watts. Williams Hardware Co., Radio Division. Announcer, N. B. Williams. Slogan, "Tappa Kegga Nails." Tues, 7-8 pm. Thurs, 8-12 midnight. Sat, 8:30-10 pm. Central.

WTAZ, Lambertville, N. J. 260.7m-1150kc. 15 watts. Thomas J. McGuire. Mon, 8-10 pm, music. Eastern.

WTIC, Hartford, Conn. 475.9m-630kc. 500 watts. The Travelers Insurance Company. Slogan, "The Insurance City." Mon, Fri, 11 am, 12 n, 5:30-10:30 pm. Tues, Wed, Thurs, Sat, 12 n. Tues, 6:30 pm. Wed, Thurs, Fri, 5:30-10:05 pm. Sat, 7:30-8:30 pm. Eastern.

WWAE, Plainfield, Ill. 241.8m-1240kc. 5,000 watts. Electric Park. Announcer, Joe Allabough. Daily ex Sun, 12:30-1:30 pm; 9-12, midnight, orchestra. Sun, 10:50-12:15 pm, Methodist church; 3:30-4:30, popular program. Central daylight.

WWJ, Detroit, Mich. 352.7m-850kc. 1,000 watts. The Detroit News. Announcer, E. L. Tyson. Mon, Wed, Fri, 7:30-8 am, 8-8:30 am, setting-up exercises; 9:30-9:45, household hints; 10:25-10:30, weather; 11:55-12, time; 12:05-12:45 pm, music; 3-3:55, music; 3:55, markets. Daily ex Sat, Sun, 6-7, dinner concert; 8, music. Mon, Wed, Fri, 9 pm, orchestra. Sun, 11 am, church service; 2-3 pm, concert; 6:20, Capitol theater; 8:15, operatic stars. Eastern.

WWL, New Orleans, La. 275.1m-1090kc. 100 watts. Loyola Univ. Announcer, O. L. Abell. Sat, 7:30-8:30 pm. Central.

WWRL, Woodside, N. Y. 258.5m-1160kc. Woodside Radio Laboratories.

Canada

CFAC, Calgary, Alta., Can. 434.5m-690kc. 500 watts. Calgary Herald. Announcer, Fred Carleton. Daily ex Sun, 12 n, news, markets, music. Mon, 9:30 pm, CNR. Thurs, 9:30, CNR. Mountain.

CFCA, Toronto, Ont., Can. 356.9m-840kc. 500 watts. Toronto Star. Announcer, E. J. Bowers. Daily ex Sun, 12 n, weather, news, stocks; 5:30-6:10 pm, news. Wed, 8-10 pm, music; 11, dance. Thurs, 8-12, concert. Fri, 6:30-12 midnight, CNRT. Sun, 11 am, 7 pm, church services; 9, concert. Eastern.

CFCF, Montreal, P. Q., Can. 410.7m-730kc. 1,650 watts. Canadian Marconi Co. Announcer, C. Walter Darling. Daily ex Sun, 12:45-1:40 pm, stocks, music. Mon, Fri, 7-7:30 pm, bedtime stories; 7:30-8:30, music; 9-10, 10:30-11:30, orchestra. Wed, 7-8 pm, orchestra. Eastern.

CFCK, Edmonton, Alta., Can. 516.9m-580kc. 100 watts. Radio Supply Co., Ltd. Daily ex Sun, 4-5 pm. Wed, 9-10:30 pm. Sun, 4-5:30 pm. Mountain.

CFCN, Calgary, Atla., Can. 434.5m-690kc. 1,800 watts. W. W. Grant, Ltd. Slogan, "Voice of the Prairies." Tues, 9-10 pm. Wed, 9-10 pm, 11-12. Thurs, 7:45-8:45 pm. Fri, 9-10 pm. Sun, 11 am, 7:15 pm., services, 3 pm. Mountain.

CFCQ, Vancouver, B. C. 410.7m-730kc. 5 watts. Sprott-Shaw Radio Co.

CFCT, Victoria, B. C., Can. 329.5m-910kc. 500 watts. The Deaville Station. Slogan, "The Mecca of Tourists." Wed, Fri, 8-9:30 pm. Every second Thurs, 10:30 pm, 12 midnight, Night Birds. Sat, 10-11 pm. Sun, 11 am, 3 pm, 7:30. 9:30, organ. Pacific.

CFCY, Charlottetown, P. E. I. 312.3m-960kc. 50 watts. Island Radio Co.

CFDC, Vancouver, B. C., Can. 410.7m-730kc. 100 watts. Sparks Company.

CFGC, Brantford, Ont. 296.9m-1010kc. 50 watts. Brant Radio Supply Co., Ltd.

CFJC, Kamloops, B. C. 267.7m-1120kc. 15 watts. N. S. Dalgleish and Sons, Weller and Weller.

CFKC, Thorold, Ont., Can. 247-8m-1210kc. 75 watts. D. J. Fendell. Daily ex Sun, 12-12:30 pm, 5-6. Tues, Thurs, Sat, 8:30-10:30 pm. Sun, 11 am, church service; 2-4 pm, 8 pm, sacred concert, music.

CFLC, Prescott, Ont. 296.9m-1010kc. 59 watts. Radio Association of Prescott.

CFMC, Kingston, Ont., Can. 267.7m-1120kc. 20 watts. Monarch Battery Co.

CFQC, Saskatoon, Sask., Can. 329.5m-910kc. 500 watts. The Electric Shop, Ltd. Announcer, Grant Stevenson. Slogan, "The Hub City of the West Where No. 1 Northern Hard Wheat Grows." Daily ex Sun, 9-10 am; 1:15-2 pm, markets, reports, music. Wed, 8-10 pm. Fri, 9-11:30 pm, dance program. Sun, 11 am, 7 pm, church service. Mountain.

CFRC, Kingston, Ont., Can. 267.7m-1120kc. 500 watts. Queen's University.

CFVC, Burnaby, B. C. 410.7m-730kc. 500 watts. International Bible Students association.

CFXC, New Westminster, B. C. 291.1m-1030kc. 50 watts. Westminster Trust Co. and Hume & Rumble, Ltd. Announcer, C. P. Rumble. Slogan, "Voice of the Fraser River." Mon, Wed, Sat, 7:30-8:30 pm. Pacific.

CHCO, Huntsville, Ont. 247.5m-1210kc. 5 watts. A. Staples.

CHCS, Hamilton, Ont., Can. 340.7m-880kc. 10 watts. Hamilton Spectator. Announcer, H. Earnshaw. Daily ex Sun, 6:45 pm, news, markets, baseball. Sat, 10-12 midnight, dance. Sun, 11 am, 7 pm. Eastern.

CHIC, Toronto, Can. 356.9m-840kc. 500 watts. Northern Electric Company, Ltd. Announcer, R. W. Lowman. Mon, 8-10 pm. Sat, 10-12 mid. Sun, 5-6 pm. Eastern daylight.

CHLC, Summerside, P. E. I. 276.7m-1120kc. 50 watts. R. T. Holman, Ltd.

CHNC, Toronto, Can. 356.9m-840kc. 750 watts. Toronto Radio Research society.

CHNS, Halifax, N. S. 322.4m-930kc. 100 watts. Northern Elec. Co., Ltd.

CHUC, Saskatoon, Sask., Can. 329.5m-910kc. 50 watts. International Bible Students' association. Announcer, G. B. Nash. Tues, Thurs, 8-10 pm. Sun, 8:30-10:30 pm.

CHWC, Regina, Sask., Can. 296.9m-1010kc. H. Williams & Co.

CHXC, Ottawa, Ont., Can. 434.5m-690kc. 250 watts. J. R. Booth, Jr. Fri, 8:30-1 am.

CHYC, Montreal, Que., Can. 410.7m-730kc. 750 watts. Northern Elec. Co., Ltd. Announcer, N. S. Richards. Wed, 7-8 pm, 8:30. Sun, 11 am, 7 pm. CNRM programs occasionally. Eastern daylight.

CJCA, Edmonton, Alta., Can. 516.9m-580kc. 500 watts. Edmonton Journal, Ltd. Announcer, R. A. Rice. Slogan: "The Sunniest Spot in Sunny Alberta." Daily ex Sun, 12:30 pm, news, markets. Thurs, 6-8 pm. Mon, Tues, Wed, Sat, 7:30-8 pm. Mon, 8:30-10 pm. Wed, 9-11 pm. Sat, 10-12 mid. Sun, 7:30-9 pm. Mountain.

CJCF, Kitchener, Ont. 247.8m-1210kc. 25 watts. O. Rumpel.

CJGC, London, Ont., Can. 329.5m-910kc. 500 watts. London Free Press. Daily ex Sun, 1-2 pm, stocks, music. Tues, Wed, Thurs, Fri, 7-9 pm. Fri, 11-12 midnight, Sun, 11 am, 1-3 pm, 7, church services. Eastern.

CJKC, Burnaby, B. C., Can. 410.7m-730kc. 500 watts. Pyramid Temple society.

CJOC, South Lethbridge, Alta., Can. 267.7m-1120kc. 50 watts. J. E. Palmer.

CJSC, Toronto, Can. 356.9m-840kc. 500 watts. The Evening Telegram.

CJWC, Saskatoon, Sask., Can. 329.5m-910kc. 250 waats. Wheaton Elec. Co. Announcer, M. Bowes. Daily ex Sun, 12-1 pm, 6-7:30. Mon, 8-10, "The Voice of Saskatoon." Mountain.

CJYC, Toronto, Can. 291.1m-1030kc. 500 watts. Universal Radio of Canada, Ltd.

CKAC, Montreal, Que., Can. 410.7m-730kc. 7,500 watts. La Presse. Announcer, Jacques Cartier. Mon, Wed, Fri, 1:45 pm, orchestra. Daily ex Sat, 4 pm, weather, markets, stocks, reports. Tues, Sat, 7 pm, safety talks; 10:30, dance. Sun, 2:45 pm. Capitol theater; 4:30, first three Thurs of month, CNRM. Last Thurs, Frontenac Breweries studio. Eastern.

CKCD, Vancouver, B. C., Can. 410.7m-730kc. 1,000 waats. Vancouver Daily Province. Announcer, William Rose. Slogan: "Canada's Western Gateway." Daily ex Sun, 8:30-9:30 pm, music, news, entertainment. Pacific.

CKCK, Regina, Sask., Can. 296.9m-1010kc. 500 watts. Leader Pub. Co. Announcer, A. W. Hooper. "The Queen City of the West." Daily ex Sat, Sun, Tues, 9:45-10:30 am; 12:15-1 pm; 7:30-8:15, music, news, markets. Tues, 9:45-10:30 am; 12:15-1 pm; (CNRR) 7:30-9:30 pm. Sat, 9:45-10:30 am; 12:15-1 pm. Sun, 8 pm, service. Mountain.

CKCL, Toronto, Can. 356.9m-840kc. 5,000 watts. The Dominion Battery Co., Ltd. Daily ex Sat, Sun, 10:30 am, 10:58, time. Mon, Wed, Fri, 7 am, 7:15, 7:45, exercises; Mon, 11:20 am, markets; 3:30-4:30 pm. Tues, 3-4:15 pm, 7-11:50. Wed, 11:20 am, 3-3:30 pm. Thurs, 3-4:30 pm. Fri, 11 am, 11:20, markets; 3:15-4:30 pm. Sat, 7-8 pm. Sun, 3-4 pm. Eastern.

CKCO, Ottawa, Ont., Can. 434.5m-690kc. 100 watts. Dr. G. M. Geldert (Ottawa Radio Assn.) Announcer, Dr. O. K. Gibson. Slogans: "Ottawa's Radio Voice," "The Community Voice of Canada's Capital." Tues, 8-10 pm. Sun, 7 pm, services; 9, sacred concert. Eastern.

(The above listings complete the stations in the United States and part of the foreign broadcasters. Part V consists of a complete location index of stations and the remainder of the foreign list. This appears next issue.)

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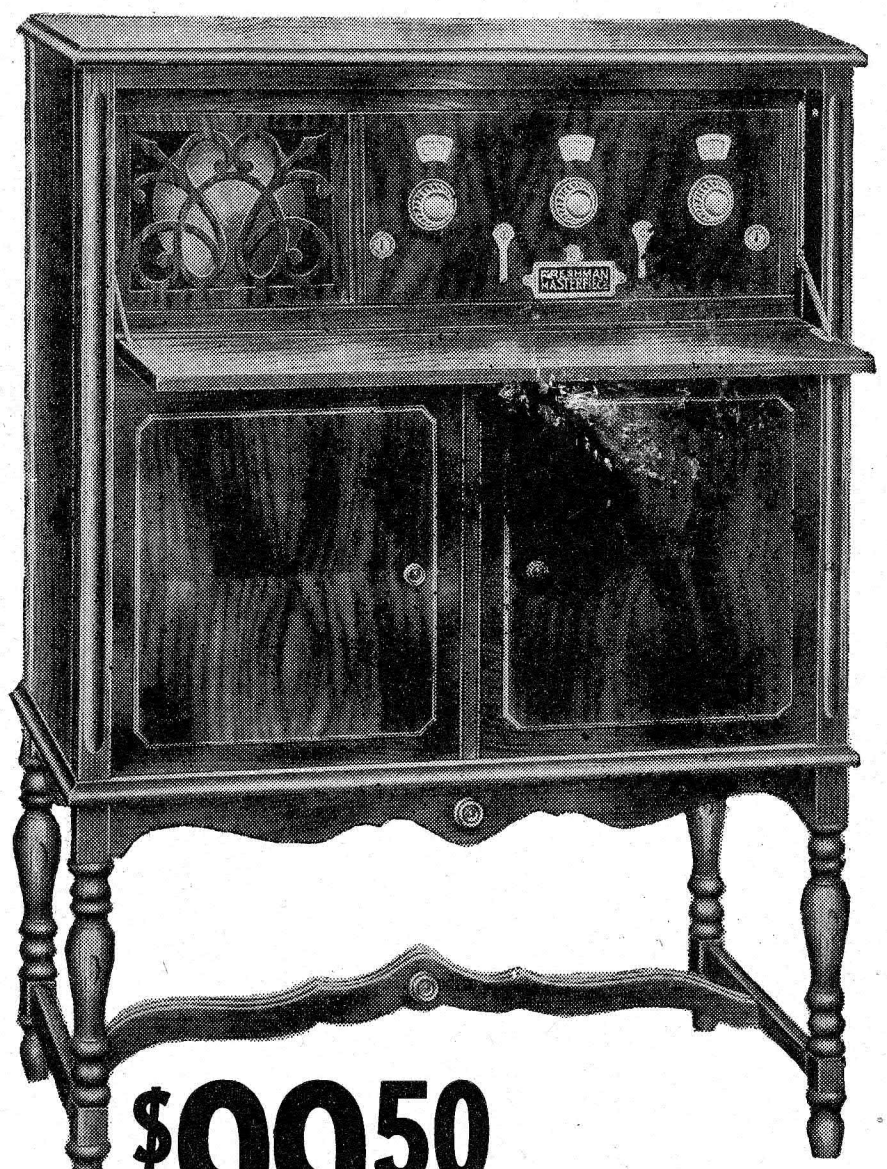

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