Voice of Alleghenies; Jazz at O. S. U.



Beginning "Pretense," a Romance of the Chicago Supper Club, by Maurice R. Coons; Don't Guess—Measure Voltage; Conclusion of "The Fall Guy"; Gold Cup Standings

OFFICIAL BALLOT No. 13

Announcers' Contest

RADIO DIGEST THIRD ANNUAL GOLD CUP AWARD

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

Please credit this ballot to:

Announcer's Name)	Station(Call Letters)	
Signed		
Address		

LEADERS SPEED UP IN DIGEST CLASSIC

WESTERN ENTRIES HARD PUSHED BY N. Y., MASS.

Gold Cup Derby to Be Hot Finish With Dark Horses Forging to the Front

There they go! There they go! Keep your eyes on the winners. The adio Digest Gold Cup derby for the

world's most popular announcer is heading for the last lap around.

Anything is likely to happen from now on. Arkansas and Iowa still hold the lead, with Massachusetts and New York close behind.

Gaylord of WTAG, Worcester, nosed out his fellow Easterner, Brokenshire of WJZ, New York, on the last lap, for third place. Arnoux of Hot Springs made a remark-

Arnoux of Hot Springs made a remarkable spurt on the backstretch and comes around past the grandstand leading by a gain of 35 per cent over his previous standing. But he had to do it. May of KMA, Shenandoah, was crowding him. May jumped more than 12,000 votes over the lead Arnoux had on the last time around. Arnoux snapped ahead with a gain of 16,086 votes. May picked up 10,900 new ones. new ones.

Gaylord added 7,258 new votes while his leading competitor, Brokenshire, only gathered 3,633 extras. It's going to be a hot race from now on between these four with the ever constant possibility that any one of the twenty-one other entries may spring a surprise by a grist of bonus votes forcing them ahead of the pace-

Gaylord Dark Horse

Gaylord has been the dark horse from the start. Trotting along in sixteenth place he made a sudden spurt in the tenth lap, passing a whole string of others, so that he swept past the grandstand in sixth place. He then steaded into the leaders' pace but worked gradually ahead to fourth place on the eleventh lap, and now he is into third. Is that his best? The next time around will show Eyes of the East

time around will show Eyes of the East are betting on him strong and are holding Brokenshire in reserve.

Pat Barnes of WHT, Chicago, is considered another mystery candidate and although he seems to have been satisfied with trailing the four horsemen in the lead, some of the fan letters state that they are counting on him for a whinlying they are counting on him for a whirlwind dash at the last quarter-post. He gained 10,030 votes the last time around, which was almost as much as Gaylord and Brokenshire together.

There are very few changes among the trailers. Old King Cole at WHO, discovering that he was at the tail end the last time around, took a fresh breath and scampered up ahead of Sen Kaney and Eugene Konecky. Kaney kept right up close, leaving Konecky to take the dust of the whole field.

How They Stand

Here is the order as the judges called them off on the last lap, with figures in parenthesis indicating the position the previous time around:

	G. C. AIHOUX, KIHS (1)05,24
2.	Earl E. May, KMA (2)46,36
3.	C. Gaylord, WTAG (4)35,29
4.	N. Brokenshire, WJZ (3)33,09
5.	Pat H. Barnes, WHT (5)28,52
6.	A. S. Kyne, KMMJ (6)14,56
7.	Henry Field, KFNF (7)13,06
8.	The Hired Hand, WBAP (8).12,75
9.	Phillips Carlin, WEAF (9) 8,08
10.	Peter MacArthur, WOC (10) 6.78

Peter MacArthur, WOC (10) 6,789
 C. R. Randall, WSMB (11). 5,561
 Louis J. Johnen, WLW (12) 5,223
 R. W. Griffin, WHO (14)..... 4,472
 Gayle V. Grubb, KFAB (13) 4,091
 Lester Palmer, WOAW (15) 3,825
 Lambdin Kay, WSB (16)..... 3,146

17. W. G. (Bill) Hay, WGN (17) 2,417 18. Edw. B. Husing, WRC (18)... 2,346 19. J. T. Schilling, WHB (20).... 2,215 (Continued on page 13)

.State.

ZIEGFELD GIRL IS ON THIS FRONT COVER

A BOUT as big as a minute but gifted with a voice that has charmed the elite of both visible and invisible audiences the little song bird on the Radio Digest cover this bird on the Radio Digest cover this issue found her wings "on the air." She is Miss Olga Steck of New York. She knocked in vain at the doors of the booking offices on Broadway and then found her way into the ears of the theatrical barons by singing over WJZ. Radio fans went wild over her. The magnates sought her out. First she was featured in the "Springtime of Youth," then straight to the Ziegfeld Follies, later starring in "Little Jessie James," then "China Rose," and "The Matinee Girl." But she's still a Radio girl although next season she is to be in grand opera. She walks under a five foot level without stooping and weighs one hundred and nothing.

WQJ Feature Attraction

CHICAGO.—The First National violin quartet are the feature attraction each Tuesday and Wednesday evening on the 10 o'clock program at WQJ, the Calumet Baking Powder and Rainbo Gardens.

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Looking Ahead

Romantic America Will Have All Eyes on Atlantic City During the Early Part of September when the annual beauty contest there will determine the fairest of the fair and place the crown "Miss America" on some queenly brow. Station WPG will be a favorite haunt of these exquisite damsels and you will read about it in the next Radio Digest.

New York Recently Celebrated the Second Anniversary of Its Municipal Broadcaster, WNYC, and a story of the remarkable success of this important Radio enterprise will be told in the issue of Radio Digest out August 31.

California Claims to Have the Oldest General Entertainment Broadcasting Station in the world at San Jose. A history and pictures of this interesting pioneer is being prepared for early publication in Radio Digest.

'GOODY GOODY GIRL" Is the Title of a Smart New Serial Written Especially for Radio Digest by Merlin Moore Taylor. It's a romance founded on the experiences of a charming little country girl who was whirled into a dizzy vortex of night life in a big city and it begins in the September 1 issue of Radio Digest.

All the Sham and Bluff Are Torn Away in the Final Chapter of "PRETENSE" by Maurice Coons in the September 1 issue of Radio Digest. The Prince and the Lady and the Million Dollar Hoodlum meet face to face for the final showdown. Get the beginning of the story in this issue.

Watch for Radio Digest Announcement of Its Next "WHO'S WHO IN RADIO."

Wonder What the New Sets Are Like? A review will appear in an early number showing and describing the new and better features embodied by the leading manufacturers in their 1927 model receivers. Every one will want to see this.

Helps for the Beginner—How to Operate Your Set—are topics which the "non-technical branch" of the technical department is preparing to pave the way for your better success in reception. One next issue, out August 31.

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.

Newsstands Don't Always Have One Left

WHEN YOU WANT

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

SHORT WAVES

By Marcella Per O. M. G.

Per O. M. G.

Thunder and tarnation! Goldie Locks has packed up her vanity case and gone fishing, leaving a bulging folder all tied up with pink ribbon for a Mere Man with a low bass voice and black, curly whiskers to play Mrs. Grundy.

Just for that I'll start in on Marcella. I like the kid with her big, baby blue eyes, her fluffy, bronze hair—and, Oh Boy! She wears 'em rolled! Well, girls and boys, she's gone fishin' and all I gotta say is—pity the poor fish. We all kinda miss her with her giggling and good natured jesting and it's so quiet around the office now.

"Brown Eyes," Norwalk, Ia. Lo and behold no sooner had your letter been opened, inquiring about Bobbie Griffin. announcer at WHO, Des Moines, Ia., than in walks the answer in person! He's footlose and fancy-free, too, Brown Eyes. Never been booked by Hymen, has no anticipations, he says. Has a steady, blue-gray eye and blushes furiously if you merely mention girls. He's a real war hero, signed up with his dad who is a doctor. Both served in the ambulance corps. The Heinies nicked him, too. He doesn't care much about dancing but likes to fish when the girls aren't around to rock the boat. the girls aren't around to rock the boat. No, I didn't tell him your real name.

E. L. Tyson, announcer for WWJ, The Detroit News, has inspired a number of fair letter writers. Miss Polly writes: "I have a wager on him. Is he married and if so, how long? Age, eyes and hair—large or small? Be good and tell us, I am betting on him strong." And "A Good Listener" writes: "Is he married or single and, if married, does he live with his family? What college did he graduate from and did he serve in the war?" These questions were all put to Mr. Tyson and he replied: "Was supposed to be educated at Penn-State College a number of years ago, saw service with the Pennsylvania National Guards (103d Trench Mortar Battery) in France and Belgium. Living haptronal Guards (1934 Trench Mortar Bat-tery) in France and Belgium. Living hap-pily with wife and the greatest twenty-month old loud speaker in the country." Sorry, girls, but it's best to be perfectly frank. You gotta be square with the missus even if you are a popular announcer or have to sit several hours a day looking at Marcella or some other good looking girl in the office.

"C. C." writes to get a line on Frank Dahm of WGN. "Is he married?" she asks, and goes on: "That seems to be the usual question to ask about one's hero, how old is he, color of his hair, favorite pastimes, how tall and all the rest of the description that goes to make up an 'ether crush.' Does he, or would he correspond with any of his admirers?" Not hard-hearted Frank, "C. C." He just never does write to the girls. He said so himself and he's all wrapped up in Radio; talks to it, on it, of it and in it and nothing else but, so it of It and in it and nothing else but, so it seems. He lacks an inch and a half of six feet, has brown hair, blue eyes and when I asked him if he was married he positively barked, "No!" He's the publicity director for that Drake Hotel attic broadcaster. You ask some other questions: Don Bestor and his orchestra are not on the air at present. Jack Chapman's at WMAQ and I couldn't find out about Maurie Blumenthal.

Here is another from Penn-State, Mr. Louis L. Kaufman, announcer at KDKA, Pittsburgh. He specialized in philosophy Pittsburgh. He specialized in philosophy and they gave him a degree of bachelor of arts. He still is a bachelor, you know what I mean. And that will interest Adoree of Warrington, Fla., and Lucille of Weyer's Cave, Va., who have besought the details from Marcella. "And a perfect gentleman he is," quoth Mr. W. W. Rodgers, station publicity director. "He has a very gracious manner, big soulful brown a very gracious manner, big soulful brown eyes, brown hair, is of slight build and recently acquired a Chevrolet coupe." And recently acquired a Chevrolet coupe." And Oh girls, he's 22 and not married! Mr. Rodgers says, "He does not love the great Rodgers says, "He does not love the great out-of-doors and he does not get lost in a big city. I believe he likes animals but don't know the particulars. He is good to his folks, plays golf, is a student of law, is not a professional alumnus of his alma mater and has the aplomb to be at ease in any company." It seems as though fair-listeners quite dote on Louis. It began with his first appearance in the studio. A woman member of the KDKA staff saw him and heard his voice as he consulted one of her confreres about a matter that one of her confreres about a matter that had nothing whatever to do with Radio. "That boy has a wonderful Radio voice!" she exclaimed when he had passed out the door. The opinion soon brought Louis back again. He came, he spoke, he conquered.

Winifred T. Barr, pianist, is back at WEAF. I understand she was her husband's (Mr. Howard Hunter) "accompanist" on a recent business trip to the Pacific Coast and Movieland—Oh! You wives! From all accounts there was as much pleasure as business. They climbed mountains, sailed in glass bottom boats, called on Major Mott at Catalina and strayed all the way to San Francisco.

(Continued on page 15)

(Continued on page 15)

RADIO IS FILLING ALL CHURCHES

RADIO WORLD'S FAIR STARTS BIG SEASON

ELABORATE AIR TREAT PREPARED FOR FANS

Industry's Chiefs Work Hard to Give Listeners Many Surprises— Listen Sept. 15

By Eric Palmer

NEW YORK.—Radio may annihilate space and nightly assumes a place as a miracle of science, but it takes months of miracle of science, but it takes months of preparation, sometimes, to provide those features which are sent out on the ether for the delight of millions. The human equation figures first of all.

This statement regarding lengthy preliminary activity applies in certain instances to the elaborate programs such as those sponsored by national advertisers.

tisers.

It pertains more largely, however, to the very important matter of arranging for the feast of the fans that will mark the two biggest Radio weeks of the immediate future—in New York, September 13 to 18, 1926, and in the official Radio Week early next year, when transcontinental tests, if not international experiments, will be tied up with de luxe entertainment from a hundred stations in the United States and Canada.

Already leaders of Radio are busy out-

Already leaders of Radio are busy out-lining the plans for the treat in store for the invisible audience.

Plan Biggest Radio Week Ever

At the recent conventions of the Radio At the recent conventions of the Radio Manufacturers' association in Atlantic City and the Radio Apparatus Section of the Associated Manufacturers of Electrical Supplies at Hot Springs, much attention was given to the idea of conducting the biggest Radio Week ever held, although sentiment was divided as to the advisability of again holding transoceanic broadcasting tests.

advisability of again holding transoceanic broadcasting tests.

A special committee has been designated to work out an agenda to be discussed at a meeting of the Radio Week committee soon to be called. Briefly stated, it all means that the fans may await in confident expectancy thrills galore during the period in question.

The most enjoyable of all Radio events last year was the broadcasting of the annual Radio Industries banquet. Within the period of a little over an hour a vast audience—probably 10,000,000 people—were reached with a program that brought the best-known Radio stars before the were reached with a program that brought the best-known Radio stars before the microphone at one time. There will be another banquet, and a bigger entertainment! Put down September 15 on your calendar and break all other engagements already made if your social activities are planned so far ahead.

Radio World's Fair Plans

Plans are progressing rapidly for live broadcast features to be given from the Radio World's Fair in New Madison Square Garden, where the Radio industry is combining all its exhibits and features, now that the exposition originally set for the Crad Control Palace has been with the Grand Central Palace has been with-drawn. These features will have a national and even international touch, and they will continue for six afternoons and evenings.

evenings.

Probably rebroadcasting of a European station will be one of these special events. So get ready to dance to a waltz from London or a fox trot from Paris.

A gold medal from England, in addition to the Radio World's Fair medal and other awards, will go to the winner of the international amateur set contest, to be held at the Radio World's Fair.

Sets of exceedingly novel construction and those of proven extraordinary efficiency will be judged in New York. The winning sets in all classes will be given places of honor, too, at the Fifth Annual Radio Show in Chicago.

WGR Gives Original Speech Used to Dedicate DX Phone

BUFFALO.—WGR, Federal Radio corporation here, had the recent honor of broadcasting the original oration, by the original speaker, which was used in the first test of the long distance telephone

fifty-two years ago.

F. W. Stuart, now eighty-four years of age, delivered the oration written by Dr. Talmage, entitled "The Carousal in the Palace," which the former personally delivered in the year 1874 during the first test of the telephone live between Branttest of the telephone line between Brantford and Tutela Heights, Ontario, Canada, a distance of four miles.

a distance of four miles.

Mr. Stuart, a poet and author, was a personal friend of Alexander Graham Bell, inventor of the telephone, and was invited to repeat his oration for a test a few weeks later between Brantford and Paris, Ontario, a distance of seven miles.

FEATHERED ARTISTS INNOCENTLY ON AIR

ENVER. — Feathered virtuosos ENVER. — Feathered virtuosos were given another turn before KOA's microphones here recently when staff members were successful in broadcasting the music of meadow larks during intermissions in Clarence Reynolds' noonday organ concerts. The songsters were perched about the station on nearby telephone poles, unaware of Radio eavesdroppers. By placing a microphone in an open window of one of the studios, the bird signals were picked up without difficulty and flashed widespread to listeners.

HEIRLOOM VIOLIN IS HEARD BY WHN FANS

EW YORK.—Those who listen to Station WHN have heard the strains of a 200-year-old Seidel violin played by Joseph Richter. Mr. Richter is a native of Bohemia but has lived here for twenty years. He studied under Krakan and Zolynsky in Poland, and for years was concert master in the Austrian army. His violin was passed down to him from ancestors who played it before many members of European royal families. He reveres the instrument as the living soul of his ancestors and plays it so.

PLAYS "HARP DE LOS ANGELES"



o de Los Angeles," is owned and played by the young lady whose picture rs above. She may own and operate the harp of the angels, but she is very much alive and her name is Miss Louise Klos of KFI, Los Angeles.

If Lois Had Only Known-

TORY tellers from the beginning have touched the hearts of of danger by the leopards of society. It's a little different today than the time of "Way Down East" but the characters much the same underneath. Lois Sylvester rebelled against the stern authority of a foster parent, boarded a train and met adventure before she was out of sight of her home town. But she fought through one snare after another until—but let's not tell the story here. Read it in Radio Digest. It's thoroughly modern by an author who has something to say and knows how to say it. GOODY GOODY GIRL by Merlin Moore Taylor starts here September 1. Don't miss a word of it.

FIGURES SHOW BROADCASTING HELPS GOSPEL

Develops New Interest

One Church Dusts 20 Years' Accumulation Off Gallery Pews Result of Being on Air

CHICAGO.—Radio religious programs are filling the churches rather than emptying them. This is the trend indicated by a survey of sacred broadcasting just made by Sears-Roebuck Agricultural Foundation.

Returns show that the church which broadcasts is on its mettle when it knows the world is listening in and puts an added

broadcasts is on its mettle when it knows the world is listening in and puts an added zest into the music and service that brings people into the church instead of encouraging them to take their religion in comfortable doses at home.

One church in New Jersey states that since its services have begun to be sent out on the air, the gallery pews have been opened up and dusted off for the first time in twenty years.

The church that does not broadcast, on the other hand, feels the competition and makes every effort to bring its services and sermon up to the standard of the Radio churches and this, too, is filling up the empty pews.

Survey Reveals Interesting Figures

Survey Reveals Interesting Figures

Survey Reveals Interesting Figures

One hundred and seventy-eight Radio stations from every part of the United States and in Canada, from Saskatchewan to Montreal, participated in this survey. One hundred and three of these stations, or sixty per cent, are giving some sort of religious service or sacred music as a part of their regular programs. Four per cent are considering adding this feature and six per cent have religious observance only on such occasions as Christmas, Easter and Holy Week.

Fourteen of these 103 stations are owned or operated by some church or religious body. The rest simply include these features along with secular programs, because they feel their audiences want and appreciate them.

Sunday is the day that 86 of these stations send out their sacred programs, while 22 are on week-days. The week-day programs consist of sacred music or instructional address. A number have a brief service every morning somewhere between 7 and 8 o'clock. Actual church services are broadcast in 86 instances, while in 22 cases the religious program is prepared especially for the Radio and is sent out direct from the studio.

Ministers Co-Operate

Ministers Co-Operate

Forty stations report definite coopera-

Forty stations report definite cooperation from the ministers, none report antagonism, while the rest did not mention this angle of the situation. One or two replies told of resentment and jealousy on the part of local clergymen who were not broadcasting because their congregations were apt to stay at home to tune in on the big city churches, but these were notable exceptions.

Only two replies said that a decrease in church attendance could be traced to broadcasting, while 27 stated positively an increase. One clergyman wrote, "Since we have been broadcasting our service our church attendance has grown so rapidly that it is a problem to know how to take care of the crowds." Another pastor wrote that forty persons had recently joined his church, a direct result, he believes, from broadcasting.

he believes, from broadcasting.

A Catholic station writes that it has no effect on attendance in Catholic churches, as its members are obliged to attend every Sunday, but that the Radio furnished a means of instruction to their neonle that could not be given in any people that could not be given in any better way.

Great Aid to Ill and Shut-Ins

Stations from Texas and Colorado mentioned that the large number of health seekers in these states made Radio religious services a great boon, as hundreds of them could get them in no other way. Listeners are in general composed of the ill, the crippled, the very old and those isolated in rural districts. Besides these are a few whom no amount of persuasion would get into a church-going babit but who will listen to at least part habit, but who will listen to at least part of a religious broadcast. For the rest there are a large number who both listen in and go to church for worship and for social contact. No one felt that the Radio supplants church attendance, but is an

(Continued on page 30)

WFBG "Voice of Alleghenies"

ALTOONA RADIO Station
May Be Small But Is Heard from Coast to Coast—a "Wren" Among the Greater Broadcasters. Special Service Following Sporting Events by Remote Control

ERE you ever wakened in the morning by the warbling of a wren outside your bedroom window?
And did you ever hear a big,
black crow broadcast his dismal caw from the naked tip of a cottonwood in a cornfield. There are Radio stations like the wren and

the crow, little stations with sunshine and cheer in their voices and big stations with monotonous wails generated from limitless One little station that might be compared

to the wren is WFBG, located at Altoona, Theoretically it

could be little more than a peep in the big broadcast world. It only has 100 watts to carry its voice, but that voice is packed full of good cheer, variety and it is said to carry practically as far as most of the 1,000-watt stations.

Altoona is perched up 1,200 feet above sea level in the Allegheny mountains. WFBG, with its 100 watts, literally is the "voice of the mountains." It sweeps down the East coast of the continent from Labrador to Cuba and wings westward to California and the Pacific.

The world's champion big little broad-caster," writes Roy F. caster," writes Roy F. Thompson, director and announcer, and generally known to listeners as "R. T." Mr. Thompson stepped into the

vacancy caused by the sudden death of Walter S. Greevy, who was a director of the National Association of sons, consisting of father, mother and daughter, Miss Alice Mary Thompson, pianist and soloist. They are known as the Broadcasters. There are three of the Thomp-

station in the world," continues Mr. Thompson, "for we have received verified proof of reception from Chulia Vista, California listeners, as well as points in southern Florida and at sea, off the Florida coast, aboard the steamship President Polk."

Almost every program brings a surprise of some sort to the listeners of this mountain Radio bird. It seems to waft the breeze and atmosphere of the Allegheny peaks. Perhaps the town is best known to the nation for the big speedway classics. Two great 250-mile motor races each year bring tens of thousands of visitors from all sections of the United States. This important event is graphically broadcast from various

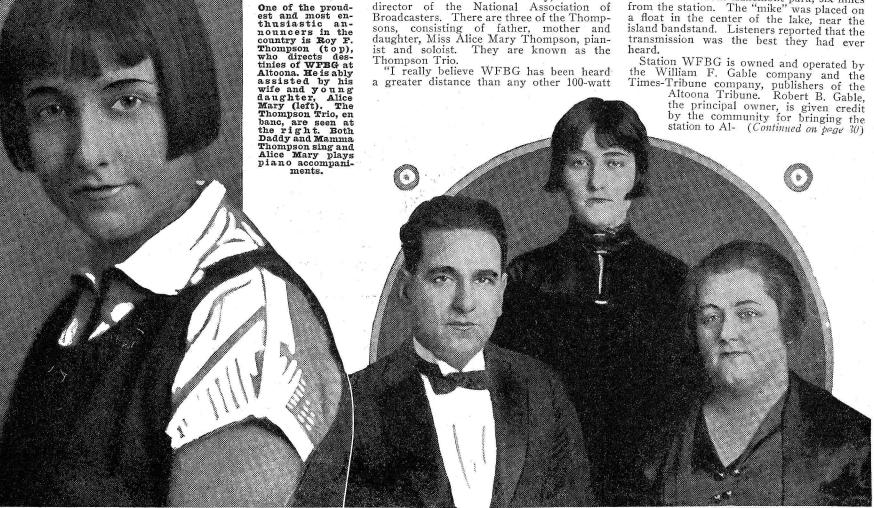
points of interest about the course.

"We began our career with the big Labor Day race," said Mr. Thompson, "in 1924, and the announcer was enabled to give an eye-witness account of the tragic finish in which Loe Boyer apparently the winner. in which Joe Boyer, apparently the winner, lost his life. We sent out details of the race on a scale that those who listened in understood more of what was going on all the way around the track throughout the progress of the race than those who were actually present and looking on. Since then we have been broadcasting semi-monthly programs by the Speedway orchestra in our

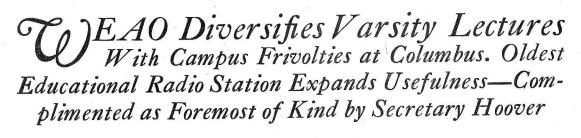
Crystal studio.

"Our listeners are always interested in sporting events. We follow the World's Series games and sometimes the most important preliminary games. We also follow the local sporting news. The great championship contests by Pennsylvania railroad employes' field games were broadcast for their fans who were listening in all along their fans who were listening in all along the system. We had the microphone placed where we could watch every entrant, name him and announce the winner. We were on the air for eight hours straight on this occasion."

One of the unique musical treats was a band concert from Lakemont park, six miles from the station. The "mike" was placed on a float in the center of the lake, near the island bandstand. Listeners reported that the transmission was the best they had ever



Dignity and Jazz at Ohio "U"



By M. M. CAROTHERS

T TAKES courage for a broadcasting station to feature educational material consistently and persistently, when, as everyone knows, nine-tenths or more of the listening public wants entertainment and little else. But this is exactly what WEAO, "The Voice of Ohio State University," at Columbus, has been doing for four

If educational talks and lectures were all there is to judge by, Ohio listeners probably would vote "thumbs down" on WEAO. However, they have found beyond peradventure that the station adequately represents all the university, taking in its attractive sports schedule, its music and its major campus activities. Nevertheless, the

educational features are uppermost.
"We're supported by the state of Ohio, whose tax-payers primarily pay us for helping them, their sons and daughters get an education," reasons Prof. C. A. Wright, head of the



electrical engineering department, native of Mississippi and director of WEAO. "Be-sides, practically all the other 530 stations in this broad land are devoted almost solely

"Our status," he continues, "doesn't permit us to hire entertainers. On the other hand, since we serve the public, we cannot reasonably turn down those who offer their entertainment services and are deemed worthy."

band is heard from WEAO, or a group of campus harmonizers singing "That's My Infant," or a merry ensemble staging a piece of campus foolishness. All of which demonstrates that the University spirit is not to be kept quiescent.

The WEAO staff is not a large one, and the devo-The WEAO staff is not a large one, and the devo-tion to a common ideal has worked wonders. The station began operation in the spring of 1922, and spring of this year it initiated a brand-new transmit-ter, with 140-foot masts rearing their heads above the campus. Tax-payers and the Ohio legislature have never permitted the station to indulge in luxuries, such as privately-owned stations enjoy, and only through the untiring work of the staff was the new transmitter possible

The first transmitter was designed and constructed on the university campus. So was the newest. R. C. Higgy, Ohio State alumnus and former editor of the operators' magazine, "Q. S. T.," who has been chief Radio engineer and operator the past two years, designed and built the new outful.

designed and built the new outfit with the assistance of M. F. McDowell, his assistant, who is one of the real veteran amateur operators of the United States, and others of the staff.

Secretary of Commerce Herbert Hoover recognized the educational work of WEAO last fall at the fourth Radio conference, when he acknowledged it as foremost in this line of activity on a basis of hours devoted to it and the variety of subjects handled. It is that this record has been maintained during the past winter and spring.

Sports broadcasting first was taken up on a

centers.

considerable scale in the fall of 1924. At that time it was decided to send out a play-byplay report of the football games played in Ohio's magnificent stadium, seating 75,000 persons. A. Lee Henderson, a young instructor in the de-partment of psychology, was pressed into service for announcing. Extra microphones were placed where they could pick up cheers, music and

The first event of this kind was a huge success. Since that date it has been duplicated many times, both from gridiron and basket-ball floor. Henderson's popularity as announcer still increases. A vote taken at the end of the 1924-25 season showed him the most popular sports announcer of the Western Conference schools.

Allen McManigal is another character of note at WEAO. He's an instructor in one of



Jest the Synchrophase tone, range, clarity, selectivity — every quality you believe a set should have

HERE are very definite reasons for the superior reception of the Synchrophase—the result of Grebe developments which are readily demonstrable, easily understood.

Get your dealer to show you the effect on reception produced by the Colortone, Binocular Coils, S-L-F Condensers, Low-Wave Extension Circuits, etc.

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Western Branch: 443 So. San Pedro St., Los Angeles, Cal.

This Company owns and operates stations WAHG and WBOQ; also low-wave rebroadcasting stations, mobile WGMU, and marine WRMU.

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



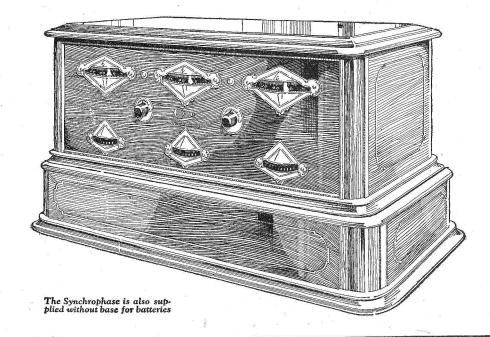
"If you have fields and will not plow them, your barns will be empty."

If you want the best in radio and fail to buy the Synchrophase, you must blame only yourself.

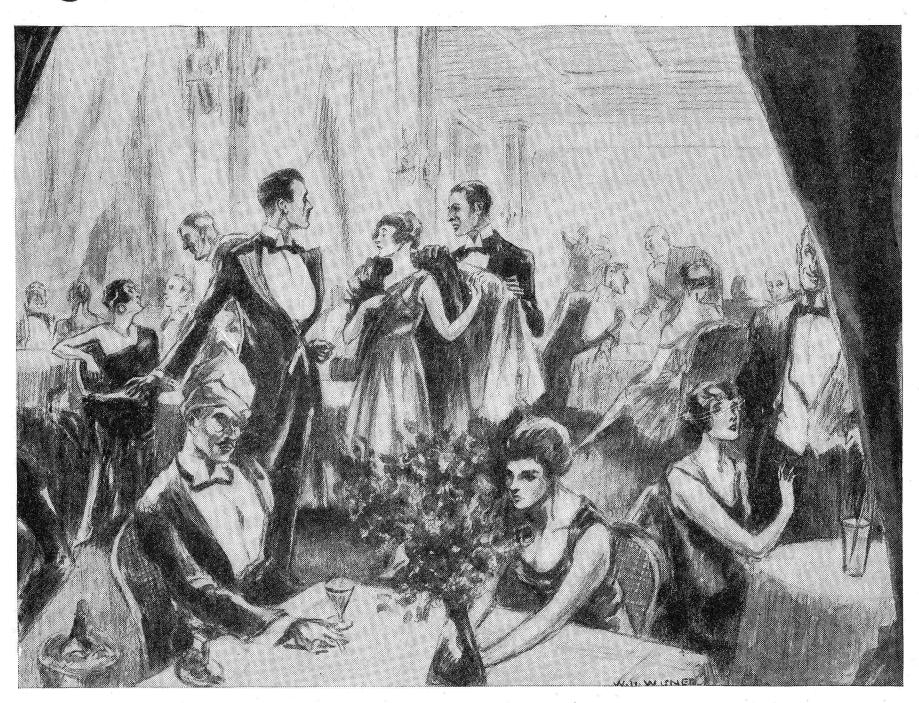




All Grebe apparatus is covered by patents granted and pending.



PRETENSE by MAURICE R. COONS



ANY of those who entered the Club Royale bowed to the tall, distinguished gentleman lounging near the inner doorway. And those who didn't wished they might. Even in these days of rampant democracy Prince Boris Masillof was a sought after personage.

Young enough, handsome, with the unlimited background for interesting conversation which only education and travel can provide, well versed in half a dozen languages—including that of love, a cousin of the ill-fated Czar; he had stormed the American social heights without a struggle or an apparent effort. The Chicago hostesses blessed the fate that had brought him unscathed past the New York lion-hunters and made the most of his presence.

Slender, with an erect, graceful military carriage that was a delight to the eye, a faultless dancer, women went out of their way to gain his regard. Other men openly discounted him but secretly feared him. Yet, even they admitted he was handsome. No one could deny that. His high, wide forehead rose above black eyes that seemed to dare, separated by a thin, straight nose of patrician pereyes that seemed to dare, separated by a thin, straight nose of patrician perfection. A small, carefully clipped black mustache shaded a wide, full-lipped mouth that was cynical or humorous according to his mood. His hands were those of an artist, long, slender, white, graceful, quick, deft, expressive.

An ardent and experienced devotee of nose diversions which flourish from midnight till dawn, his preference for the Club Royale, as evidenced by his nightly presence there, had established its position as "the" supper club of the city. Prince Boris seldom missed a dance and he was most democratic in his selection of partners. Women insisted on coming to the Club Royale merely for the possibility of dancing

He stood now close to the inner en-

R. COONS Lifts the Cover from a Spicy Romance in a Fashionable Chicago Supper Club and Discovers Beneath a Frothy Surface True Love and Sacrifice

Illustrations by W. H. WISNER

trance with nonchalant ease, his left hand in his trousers pocket, lifting one side of his dinner jacket in a graceful fold, a long Russian cigarette drooping carelessly over his lower lip, the gray-ish smoke curling upward about his face like incense about the impassive coun-tenance of an idol in an Oriental temple; while his eyes wandered over the room. while his eyes wandered over the room. But the doorway was the predominant object of his attention.

E advanced suddenly and bowed as a girl entered alone, fashion-ably late. His eyes absorbed her flaxen blonde beauty hungrily. Then he smiled, satisfied.

was afraid you weren't coming. She laughed a trifle nervously.

"Yes, I know I'm late. Somebody wanted to come with me and I had a time getting away."

Prince Boris smiled wisely and one eyebrow lifted quizzically. "Andy?"

She nodded shortly.

"He insisted on going with me. Made quite a scene about me running around alone at night. But I told him I was perfectly able to take care of myself." Prince Boris nodded approvingly.

"Quite right. That's one of the rea-

sons American girls interest me. After the petted, helpless women of Europe, their absolute independence is refresh-ing. It's justified, too. They're won-derfully capable."

He steered the girl gently toward the choice table which was always reserved for him at the edge of the dance floor. for him at the edge of the dance floor. Many eyes surveyed them and little conversations, animated but secretive, sprang up here and there. The expressions on the faces of the speakers indicated the tenor of their talk. Some admired. Others were sneeringly cynical. Still others appeared frankly envious. Somehow no amount of money could give one such an unassailable social position as a crest and assassiposition as a crest and assassi nated relatives.

The girl ordered sparingly but expensively. Prince Boris contented himself with a drink. Then their glances self with a drink. Then their glances wandered about the crowded supper club. The hysterical round of gayety which would last until dawn was just beginning. People of evident wealth and position swept in through the velvet draped doorway singly and in groups. Elaborately obsequious waiters scurried about with trays of food and accepted whispered orders with impassive faces, returning with suspicious parcels wrapped in napkins.

"I am taking Miss Brent home," he announced.
"Of course you are, Ricardo," as-sented Evelyn with a scornful glance at Frascita. "Let's go."

ROM a dais at one end of the dance floor a dozen negroes in bizarre uniforms blared forth nerve-shattering jazz, amplifying it with unbelievable contortions suggesting overwhelming syncopation. Between courses the patrons danced; some who already had drunk too much approaching dangerously

near the border line of decency. Lights.

Noise. Frantic movement. Confusion.

The girl suddenly surveyed Prince
Boris with frank curiosity. She noted
the dark circles under his eyes; the deep-

ening lines about his mouth.

"You look tired," she judged finally.

"I am," he admitted with a bored sigh.

"Somehow I'm getting tired of everything." thing.

thing."

"I think you need a wife who'll make you stay home nights," she retorted in mock severity.

"Never." His quick certainty made her wince as though he had slapped her.

"I couldn't stand the eternal monotony. It would drive me crazy."

They danced. And more than one spectator remarked how well they danced together. Those who knew them both admitted, some enviously, that it appeared to be an ideal match. peared to be an ideal match. Vague rumors said the girl was Evelyn Brent of San Francisco, wealthy and socially prominent in her home city. She was obviously beautiful and charming. And Boris' own good looks and courteous charm were the talk of the town. They should go well together as a permanent arrangement. But, of course, one never could tell. Married life seemed to bring out the very worst in a person, abominable qualities and habits that there was no hint of before.

(Continued on page 10)



The Crosley Musicone, announced little more than a year ago, introduced a revolutionary speaker principle and took the radio loud speaker market by storm.

Its overwhelming popularity, which has involved the replacement of hundreds of thousands

of old type loud speakers, establishes beyond challenge the Musicone's superiority.

And now Powel Crosley, Jr., announces . . . the Crosley SUPER Musicone!

This larger 16-inch cone utilizes the same

Crosley patented actuating unit as the smaller Musicone . . . and this, NOT the cone shape, is the secret of Musicone excellence.

It offers, by virtue of its larger proportions, still more superb volume. It produces, especially in the bass, still richer resonance!

The 12-inch Musicone has been reduced to \$12.50. Also at \$32 in the form of a beautiful Console, in which both receiver and batteries may be placed

The Crosley Radio Corporation, Cincinnati, Ohio

Powel Crosley, Jr., President

CROSLEYSEMUSICONE

Write Dept. 49 for illustrated booklet

All prices slightly higher West of the Rockies

THE FALL GUY & HARRY VAN DEMARK

T was the crisis. Jason Tellyhew gravely closed the door after he had admitted young Standish to his den. He did not lock it. He could not find the key. His daughter Alice had anticipated a necessity for its removal. And when the latch had closed her pretty, blue eye

the latch had closed her pretty, blue eye blinked at the keyhole.

At first she heard little of what was being said, but presently their voices became more distinct. The emerald pallor from a lamp seemed to cast a ghastly light over Dick's high cheek bones and pallished heir nearly he stead expect at the and polished hair as he stood erect at the end of the long, flat desk. At moments her father's face came into view as he paced back and forth, toward and away from

"It is no use. You are impossible." Her heart pounded as she caught these words from her parent and dimly saw Dick's eyebrows beetling angrily.

"Because I am not worth a million dol-lars, or haven't a traction line or two to bargain with, I suppose," he answered sullenly.

"It's not that. You never will have anything. You can't. You aren't built that way. You were doomed at birth to a mediocre existence. Nothing can change that and it would be folly for you to indulge in any false hopes. I know your type. Character simply isn't there, I feel that I must be frank—"

"Obviously, even to my mediocre intelligence. I can't feel convinced, however, that you actually believe all that analy-

"It is not bosh. You, yourself, are the living example of the truth of it. What have you to show for this whole year of effort since you finished your law school? Your clothes, look at them, look at your-

"That'll be all, thanks, Mr. Tellyhew. "That'il be all, thanks, Mr. Tellyhew. You have gone out of your way to make me the example that you seem to think I am. But one of these days you'll wake up with this nose and this jaw on the other side of counsel's table in a court of justice—then, look out. I'm through with you for the present. Good night."

The eye at the keyhole escaped the hastily opened door just in time. "Good for you, Dick. You stood up to him fine." Alice pressed his hand understandingly and they parted.

HE Fates do not always work with

ASON TELLYHEW Judged the Fall Guy by the Shape of His Nose and the Cut of His Jaw. But Alice Proved the Heart the Best Indicator.

body seemed to want to employ his legal advice. Lunchless noons and meager dinners caused him to take up three holes in his belt. Then the Fate that was bearing down must have shifted to another foot. An automobile came tearing down the street just as Alderman McGuire stumbled over a curb in his effort to escape and fell directly in the path. Standish was able to jerk him instantly to so forty.

path. Standish was able to jerk him instantly to safety.

That was the first good thing that had happened to him for months.

"Quick thinking and an alert mind are important essentials to a young lawyer. I think you'll hear from me again," said the alderman as he tucked Diel's eard the alderman as he tucked Diel's eard. the alderman as he tucked Dick's card away in a pocket case. Then came a mysterious parcel in the

Then came a mysterious parcel in the mail. It contained bonds. "You can borrow on these and I'll call on you in a few days to discuss the matter," said the unsigned letter that accompanied them. Scarcely had Dick conveyed the good news to Alice than he received a call from Alderman McGuire. Jason Tellyhew's traction system had failed to build a line to Rosehurst according to the pro-

hew's traction system had failed to build a line to Rosehurst according to the provisions of a franchise granted a year ago. Would Mr. Standish start a suit for \$50,000? Would he? And did Mr. McGuire know anything about the mysterious bonds? He did not.

It was late in the morning when Dick set held westing a call from Mr. Telly.

at back waiting a call from Mr. Telly-hew in response to his notification of the impending suit. Alice was there when Mr. Tellyhew entered with a burly stranger. Pointing a shaking finger at Dick, he said:

"There's your man, officer. Arrest him at once!"

CHAPTER V

The Bombshell

The Bombshell

HAT does this mean?" Dick demanded. He wasn't sure whether Tellyhew was in earnest or not.

But he was not left long in doubt. Tellyhew's companion approached him and threw back his coat, displaying a badge pinned to his vest.

"I'm Detective Bryan from headquarters. Will you come quietly?"

"I will if I go at all. First, I want to know what this is all about?"

"A young man of your evident talent in certain directions should have no trouble in making a shrewd guess at this," Tellyhew observed with a sneer.

Tellyhew observed with a sneer.
"I haven't the slightest notion, but I suppose it's some plan of yours for revenge."

"Young man, I never resort to crude methods of revenge. This is a matter of protection—a matter of catching a thief."

"Catching a thief? Do you mean that

"I mean that I have ordered your arrest for the theft of Amalgamated Steel bonds, serial numbers 842 to 858, which are missing from my private vault and which have been traced to the Guarantee Bank & Trust Company."

"What do you think I know of your Amalgamated Steel bonds and your private vault?"

vate vault?"

"You must know a great deal since you took the bonds and put them up at the bank as security for a loan." "I—did—what?" gasped Dick.

NTIL this moment he had not connected the actions of his mysterious client with Tellyhew's visit.

Tellyhew repeated his statement. "There's no chance for an argument; and no excuses are wanted—unless you wish to confess."

"I have nothing to confess," said Dick

proudly. "I haven't yet stooped to thievery. Those bonds that I gave the bank as security came to me in the natural course of events."

"Oh, come, Standish, if you're going to lie tell a good one."

on, come, standish, if you're going to lie, tell a good one!"
"What I say I can prove!" flashed Dick. He dug into a pile of papers on his desk and brought forth the letter that had accompanied the bonds. "Read that"

that."
Tellyhew calmly scanned the note, then smiled as he handed it back. "You're not as clever as I thought," he said. "It seems to me that in concocting such a plan as this you would at least have had the letter written in a strange handwriting, inasmuch as it isn't signed. But to sit down to your typewriter and—"
"Just a moment, Mr. Tellyhew!" Dick's eves flashed as he confronted the chair-

eyes flashed as he confronted the chairman of the Suburban board. "I did not write that letter; I don't know who did; but when the time comes my client will reveal himself, then everything will be

explained."

"And in the meantime, I suppose the bonds will remain with the bank and you will live on my money?" returned the traction magnate with biting sar-

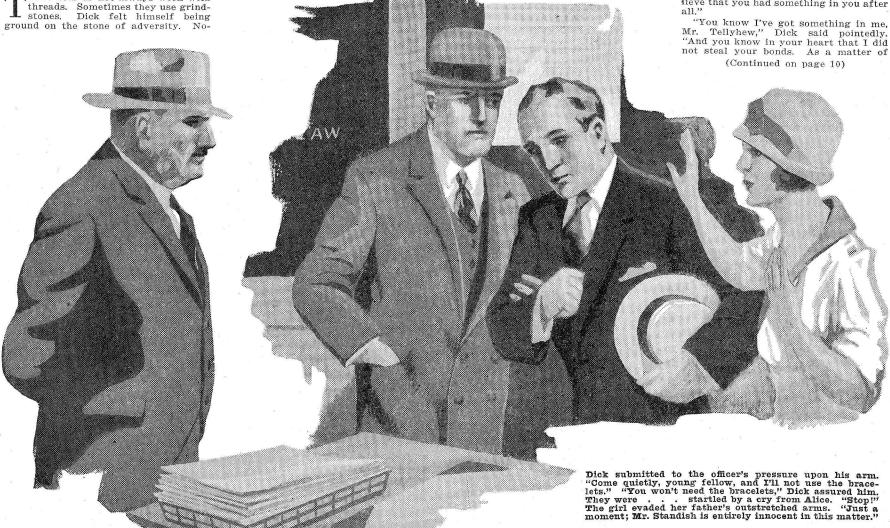
DON'T like your insinuations, Mr. Tollyhew, and some day I'm going to make you eat them!"
"Well, in the meantime, we'll see what a few days in jail will do for you."
"You mean that you are going to persist in arresting me?"

"I mean just that."

"I mean just that."

"Oh, now, see here, Mr. Tellyhew—"

"I don't care to argue, I tell you. You have my missing bonds. I don't know how you got them, but my private detective, making the rounds of the banks, found them at the Guarantee, and I have President Stevens' word that you put them up as security for a loan. I'm sorry, Standish; I was beginning to believe that you had something in you after lieve that you had something in you after



"THE FALL GUY"

(Continued from page 9)

fact, I believe that you mailed me those bonds yourself—and I believe you wrote this letter!"

Tellyhew went red and white by turns, but after a pause regained his composure

as he inquired:
"What reason have you for making a statement like that?"

"Because you realize what you're up against in this traction fight with the city—and you want to get me out of the way!"

A far-fetched statement, yes; but Dick was desperate. If he could arouse Telly-hew's sporting blood and induce him to leave the bond matter in abeyance a few days until some logical explanation could be found, it would serve his purpose well. Otherwise, even though he were able to make bond, there would be a certain stigma attached to the affair, and it was doubtful if, under such circumstances, the city would care to let him go on with the

HE traction matter hasn't entered into this," returned Tellyhew with a slight show of temper, "and I don't propose that it shall. It's up to you to clear yourself of this charge if you can. You're such a smart lawyer," he added, "there should be little difficulty in that." He nodded to Detective Bryan. "Take your man."

"Can't this matter be arranged here.

"Can't this matter be arranged here, Mr. Tellyhew?" pleaded Dick. "I am absolutely innocent in this matter. That letter I showed you is genuine. And the bonds were enclosed with it just as I've explained."

"And of course I sent them both in a spirit of revenge," sneered Tellyhew.
"Too thin, Standish," said Detective

Bryan.
Tellyhew nodded grimly. "Lock him

up," he said.
"You promised to come quietly," the

Pour promised to come quietly," the detective reminded Dick.
Dick nodded as he picked up his hat. Then he turned an appealing glance toward Alice, who had withdrawn to one side of the office. There was a suspicious moisture in her eyes as she turned her gaze upon him. gaze upon him.

"Don't worry," said Dick; "I'll get out of this all right."

Alice made an instinctive movement toward Dick, but Tellyhew got between them. "None of that, Alice! You probably realize by now that I know what is best for you."

"But, daddy, surely you're not going to lock Dick up!"

lock Dick up!"
"Why not? Isn't he a thief?"

"No!"

"Oh, you're prejudiced! You— Well, we'll attend to your case later." Then to Bryan: "Go on; I'll follow shortly with my daughter."

ICK submitted to the officer's pressure upon his arm.
"Come quietly, young fellow, and
I'll not use the bracelets."

"You won't need the bracelets," Dick assured him,

assured him.

They were in the doorway leading into the corridor when they were startled by a cry from Alice.

"Stop!" The girl evaded her father's outstretched arms and hurried to Dick's side. "Just a moment," she pleaded with Detective Bryan. "Mr. Standish is entirely innocent in this matter." Then, turning defiantly to her father, she exploded the bomb: "I stole those bonds!"

"What!" gasped Jason Tellyhew. "You don't realize what you're saying, Alice!"

don't realize what you're saying, Alice!"
"Yes, I realize it. I should have said I borrowed them; and I wrote the letter to Dick on your office typewriter. You and Mr. Kane were out; the vault was open—and I knew Dick needed the money! Dick got on his feet. That's why I suggested that he borrow on them at his bank. Oh, but I'm glad I didn't tell him

to sell them!"

"Alice!" cried Dick, and the girl, with

a little sob, sprang into his arms.
"Well, I'll be—" Jason Tellyhew, out Well, I'll be—" Jason Tellyhew, out of respect for his daughter's presence, did not finish the sentence. Instead, he chewed savagely at the end of his cigar. "Ain't it funny," grinned Detective Bryan. "You never can tell what a woman will do!"

CHAPTER VI

To Fight or Not to Fight

HE following morning the telephone rang sharply in Dick's office. He picked up the receiver.

"Mr. Tellyhew's office," came brusquely from the other end of the wire. "Kane speaking. Will it be convenient for you to call on Mr. Tellyhew at ten o'clock?"

"I'll make it convenient," Dick returned in a similar tone.

The receiver was snapped up on the other end and Dick sat meditating for the space of several minutes. The voice of Kane, if it was in any sense a reflec-

tion of Tellyhew's mood this morning, seemed to indicate that Dick was in for an uncomfortable half hour.

That Tellyhew meant to fight he had o doubt. For the chairman of the Suburban board was not given to submission except by force. And the fact that Dick was behind the city's guns in the Rosehurst matter would serve like the proverbial red flag before a bull.

Well, so be it! At five minutes to ten Dick entered the

offices of the traction company, nodded-briefly to Kane, and sat down. Promptly at ten the door of the inner

(Continued on page 29) "PRETENSE"

(Continued from page 7)

THE evening waned. Entertainers offered skits, songs and dances—such skits, songs and dances! The patrons grew hilarious. Laughter became hysterical; voices strident and high-pitched. Men who thought it indecent to appear publicly without a freshly pressed suit

each morning wore silly paper hats and the girl's face with nervous anxiety, sillier grins and made incoherent love to the gaze was level, frank, honestly other men's wives. Women flirted outcurious. He looked away and hesitated rageously with other women's husbands and shrieked shrilly with merriment over nothing.

"Silly crowd, isn't it?" said Evelyn Brent.

Prince Boris nodded emphatic assent.

"And heartless. If any of those people should lose their money and consequently their social position according to the American scheme of things, they would find that not even the 'friends' who have been their expensive guests here would speak to them. They should find themselves total strangers, shunned like a dreaded disease. People would be afraid to recognize them for fear they might presume on the past and ask favors.

. Poor fools! Look at them! Purchasing what they think is pleasure at the terrible price of money, health, self-re-

terrible price of money, health, self-respect. They think they're happy. In reality, they're miserable. I've often wondered why they come here."

"Why do you come here, Boris?"

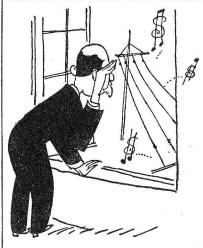
Masillof started and his eyes searched

the girl's face with nervous anxiety. But her gaze was level, frank, honestly curious. He looked away and hesitated what seemed a long time, his brow furrowed with thought. His eyes held an inexpressible anguish, like those of a trapped animal. Once he started to speak, then evidently changed his mind, his lands elegabling until the knuckles stood hands clenching until the knuckles stood

out in rigid prominence. At last he smiled, cynically and with obvious effort. "For the same reason they do, I guess. To escape from myself—from the awful, endless monotony of life." He gazed at her with sudden interest. "Why do you come here?"

come here?"
"Your reason goes for me, too. But her averted eyes, the soft flush in her cheeks, belied her words. Prince Boris smiled wistfully and reached across the table for her hand.

OU'RE a wonderful girl, Evelyn," he said irrelevantly. "You'll make a marvelous wife for some man."
"I don't know." Her voice was choked, as though a sob were trying to escape (Continued on page 14)



There's a golden tinkle in the air-

Does it reach your ears? All you need is a Rectigon to make music sound like money. And to keep your batteries charged up to their ears with pep. Thus you attain best possible reception at lowest possible cost. Your Rectigon pays dividends quickly in money saved from the service station. And you always have a marvelous power reserve to bring in the best your set can get.

and it comes from charging at home with

No noise as it charges - not a bit of fuss. Not even a murmur that would disturb the mildest slumber.



No acids, chemicals - no moving parts—nothing to spill or burn. No muss, nor worry. You'll have no spoiled rugs, ruined clothing.



Snaps on in an instant—just plug into the light socket, snap on the terminals. Saves service station bother. Spares interruptions caused by absent



Charges both "A" and "B" batteries — Keeps both packed with power. Bulb is used for "B" battery charging and it is en-closed, like all other parts, in metal, safe from accident. (Rectigon charges automobile batteries, too.)

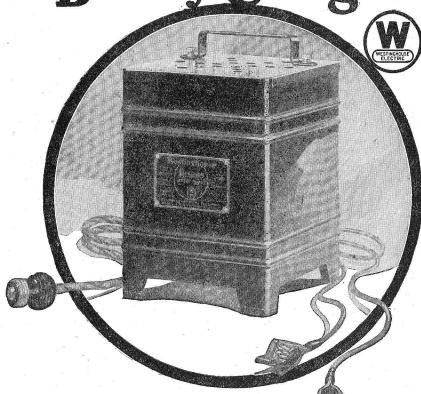


Safety for batteries and set-You'll not wake to find your battery discharged -that can't happen with Rectigon attached. Should you tune in without detaching the Rectigon from battery, your set won't be harmed.



No Storage Battery Radio is Complete Without a Rectigon

The Westinghouse O, 1926, W. E. & M. Co. Rectigon Battery Charger



THE RECTIGON is a superb Westinghouse product. Things you can't see, like extra heavy insulation, things you can see, like the durably enameled case—all are of highest quality. Westinghouse manufactures also a complete line of radio instruments, and Micarta panels and tubes.

WESTINGHOUSE ELECTRIC & MANUFACTURING CO. Tune in on KDKA - KYW - WBZ - KFKX

Don't Guess; Measure Voltage

SAVE Your Tubes and Batteries and Save All," Says Technical Editor in Advocating Voltmeters to Conserve Accessories.

HRICE vain is he who copies, not knowing the reason there-of!"

Which leads one to believe that the only reason why those who "roll their own" always place voltmeters as well as milliammeters on their pet super-heterodynes, because, "all of

ters as well as milliammeters on their pet super-heterodynes, because, "all of the pictures of supers show such instruments, so why not mine."

And, with like regularity, each of these items are among those not present upon the remaining mighty good circuits, which the vast majority build.

The answer to such inconsistency appears to be chargeable to the fact that few constructors understand the circuit connections required as applied to single connections required as applied to single or multiple tube receivers, or have gained the impression that with the ex-ception of the super-heterodyne, a volt-meter only can be catalogued as excess

While a milliammeter is desirable for all Radio circuits using six or more tubes in order that one may avoid excessive plate battery drains, their use upon sets up to six tubes is hardly warranted as it is unlikely that any arrangement of circuits in such receivers will create a battery drain sufficient to warrant correction

Should Know Voltage
Everyone should, however, be deeply concerned regarding the filament voltage

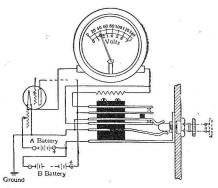


Figure 2

at, which the tubes are operating. Filament voltage, irrespective of the number of tubes which your receiver uses, may be considered as the most important measurement, since over voltage upon filaments quickly ruins the thoriated filament tubes. If one would operate his tubes with the end in view of securing the utmost efficiency and longest life, it the utmost efficiency and longest life, it is then of prime importance that they be operated at a maximum not to exceed that voltage recommended by the manu-facturer. Obviously this nicety of ad-justment can only be accomplished when an indicating voltmeter is used.

an indicating voltmeter is used.

In purchasing instruments of this character those of the cheaper variety should be studiously avoided. A voltmeter at less than five dollars is a bad buy, it being more likely that the correct price in order to insure a dependable instrument will run considerably higher and is well worth the added investment. Several dependable manufacturers, and particularly those of many years experience in the manufacture of electrical measuring instruments, are offering devices of this character which satisfactorily meet the requirements of quality torily meet the requirements of quality and dependability.

Variety of Voltmeters

Each of these manufacturers offers meters. They may be had for the reading of the filament voltage only, or in combination for both the filament voltage and that supplied to the plates of he tubes. One of the most rece on the market permits, not only a reading of both filament and plate constants, but the C battery as well. The instrument pictured in figure 1 is that known as "triple range" and is operated in combination with a six spring jack and metal plug for the securing of the indi-

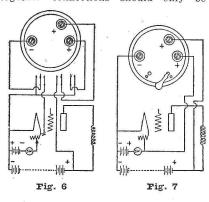
widual reading desired.

Switching devices are of course essential in order that one may obtain reading from single or collective groups of both A and B batteries. There are a number of inexpensive dial switches on the market suitable for this purpose. In choosing a switch for this use one

By The TECHNICAL EDITOR

with sufficient movement of the blades, with sumcient movement of the places, so that adjacent active contacts will not be short-circuited, should be selected.

If the contact buttons are too close together connections should only be

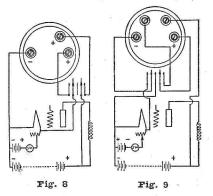


made to every other contact. It will then be apparent that a five position switch may be used to show the voltage of three separate groups of filaments or of one

ment very carefully and thus avoid an expensive error.

In figure 2 is shown the connections

and method employed by a prominent manufacturer using a double range volt-



meter in combination with a Radio jack and metal plug. With this arrangement control is offered covering the "On" and "Off" position for the total receiver as

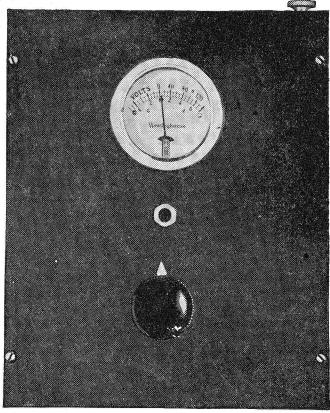


Figure 1

Figure 3

filament, plate and C battery values while a seven contact switch would make possible the taking of four readings in ground to ground. ings in separate groups.

Watch Connections Closely

It is of great importance that, irrespective of the make of voltmeter used, the minus of

the voltmeter must be connected to the minus of the A battery feed to the fila-ments; and likewise, with practically all makės of voltme-ters, the minus B ters, the minus B battery should be connected to the minus A battery. In your receiver the minus B may be connected to plus A —watch this point and change it to

that mentioned above when hooking up the voltmeter to your receiver. It should be understood that this rule does not apply to each manufacturer's product, but does mean that one should read the instructions accompanying the instru-

well as means for taking both the A and B battery potential readings.

For Separate Rheostat

In this instance if one of your tubes is controlled with a separate rheostat, it is obvious that such rheostat and fila-ment should be in series with each other

across the positive and negative bus bars of the main filaments. In this manner the voltage of the individually controlled filament will never be great er than that applied to the main lot, as shown by the voltmeter. It will be noted in this drawing that the frame of the jack is connected to plus A and

minus B. The two prongs which usually receive the plug are connected together and to the plus

A of all filaments.

The common of the voltmeter is connected to the minus bus bar or minus A, while the ground may be connected

to plus A. The contact between the main prongs is connected to the plus terminal of the low range of the voltmeter, the two upper contacts being connected in the high voltage or B circuit with the multiplier resistance between plus and the plus of the low range of the voltmeter.

meter.

In operation, when the metal plug is inserted in the jack, the filaments immediately light, provided the rheostats are turned on, and the voltmeter indicates the voltage which is being applied to the filaments. When this metal plug is pressed in a bit further it automatically breaks a circuit between the voltmeter and the plus off the filament. meter and the plus of the filament through lifting one of the jack springs, which, in turn, returns the pointer to zero of the scale. Pressing the plug a bit further, closes the upper spring con-tacts and indicates the B battery po-tential. tential.

Returns to Filament

Releasing the plug pressure causes it to return to the filament reading thus avoiding the danger of exhausting the B

An added ideal arrangement for multitube receivers is shown in figure 3 this scheme giving every combination of voltmeter readings which one might desire.
Still another arrangement which may

be made up from standard parts is shown in figure 4, the Frost poten-tiometer switch No. 620 being nicely adapted for this purpose. In this switch the rotating part is a double blade with the rotating part is a double blade with its two fingers bridging adjacent contacts. This double blade is connected to one side of a double scale, double range voltmeter. The other side of the voltmeter is connected to the ground to which is also connected the plus side of the A battery, the plus of the filaments and minus of the B (except as previously noted). ously noted.)

This switch has four possible positions, and five buttons, three of which are active and two dummies. When this switch is in the "Off" position, one of the fingers is in an inactive state, while the other finger is on a button contact leading to the negative side of the filaments.

Bridges Negative Contact
In the next, or "On" position, the fingers bridge the negative or minus button, which connects to the negative side of the filaments through their rheostat to the negative or minus of the A bat-tery. This turns on the filament cur-

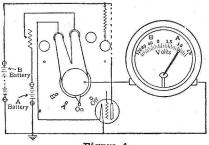


Figure 4

rent and causes the voltmeter to indicate the filament potential.

Potential Alone Shown

Following to the next position, the double blade is active only through the rheostat to the A battery, the filament being cut off. Thus at this position the A battery supply potential alone is shown. The drop in the rheostat is of no consequence, while this reading is important toward showing the condition of the A battery as regards the necessity. the A battery as regards the necessity of recharging.

Passing along to the next position of the switch, the blade touches a contact leading through the voltmeter resistor multiplier to the plus of the B battery, causing the pointer to deflect usually in the opposite direction and indicating the B battery potential. One is cautioned not to leave the switch in this position longer than to take the reading, as B longer than to take the reading, as B batteries are most temperamental when short circuited with even a high resistance. Only the knob and pointer need to be visible upon the face of the panel while the scheme, if provided with suitable markings upon the face of the panel, obviates errors and at the same

(Continued on page 29)

Radio Digest

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August 15, 1926

Public Opinion Is Radio Law

THIS year, as the 150th anniversary of the signing of the Declaration of Independence is being commemorated, the United States senate and house of representatives have seen fit to differ over a matter which deeply concerns the freedom of speech, a constitutional liberty expressed at the time when this country was founded shortly after the signing of the Declaration of Independence.

The matter referred to is the control of Radio and the matter referred to is the control of Radio and the restrictions which may be placed upon it. It seems to a non-partisan, unbiased medium such as ourselves, that the injection of politics into the control of Radio is to be deplored. The issue at stake is the freedom of speech of the broadcasting stations of the United States.

Instead of drawing a suitable Radio law, free from political loopholes, devoid of possible log-rolling and the conversion of the microphone to a mouth-piece of the party in power instead we find appropriate the party in the p of the party in power-instead we find congressmen and senators squabbling selfishly over an issue which only should consider the public good, and the principles laid down by our forefathers in that time-honored document, the constitution of the United States

The house passed the White Radio control bill, meant to encourage Radio, but placing it under the direct control of the secretary of commerce, an appointed and therefore usually partisan friend of the party in power. Station licenses of five years' duration would be allowed.

The senate, almost disagreeing entirely with the White bill, drew up the Dill Radio control bill and passed it. The Dill bill, in an evident effort to curb rather than encourage Radio, bristles abundantly with disagreeable hobbling and objectionable clauses. No property rights are allowed stations, and licenses are allowed only for two-year periods. The last named feature of the bill, the two year license clause award. are allowed only for two-year periods. The last named feature of the bill, the two-year license clause, would make broadcasting licenses the footballs of senatorial campaigns, which oddly enough, also occur at two-year intervals. A new license might require special political favor during campaigns. There is no assurance of relicensing of broadcasters on pure merit. The power would be vested in a commission of five members, selected by congress and therefore not members, selected by congress and therefore not essentially non-partisan or unbiased in their decisions.

Radio must not be regulated and shackled to a standstill before it has ever had an opportunity to develop. Why strangle a baby? The Dill bill is almost unadulterated political murder. We cannot say a great deal more for the White bill, although its babbles are less tight than those in the senate bill. hobbles are less tight than those in the senate bill, an instrument which in many respects, we believe, can be torn to pieces as unconstitutional.

Further complicating the situation, Herbert Hoover has recently obtained an opinion on the 1912 Radio law from the attorney general of the United States. The decision trims the Radio control power of the secretary of commerce to practically nothing, and means that he must issue licenses to every one applymeans that he flust issue heefises to every one applying, that these licensees can use any wave length they choose except those from 600 to 1,600 meters, that any power may be used as long as "malicious" interference is not caused, and finally, that any or all hours can be used for transmission except the first fifteen minutes of certain hours in certain prescribed areas wherein are located naval or military Radio communication stations.

Thinking over that list of 600 waiting applicants for broadcasting licenses, and the above cited opinion of the attorney general, we fearfully hold our breath and wonder what will happen next. Will there be chaos? No, we believe not.

The only restriction on broadcasters at this moment is that historical one which has made so many states men, corporations, armies and nations bow to its will—and that is public opinion. The public interest will be served, for broadcasting stations depend upon public good will for their support.

How far a broadcaster can go without becoming intoxicated by imbibing too freely from the wine of freedom, depends alone on the broadcaster and the reaction of his audience.

RADIO INDI-GEST

To a Second-Hand Radio

Old Radio, you're on the bum; You give me nothing but a hum, A buzz, a click, a bang and roar, And that's not what I bought you for.

I paid real coin to be amused, And by good music be enthused; But you, old box of tubes and wire, Do nothing but excite my ire.

I bought you at a bargain sale; That dealer ought to be in jail. Tomorrow you go in the trash And I'll buy one that's worth the cash.

To Which We Take Great Pleasure in Adding the "proven facts" or glossary of terms which the roaming bard, George, lists, evidently after some experience with sets, both new and second-hand. "Vacuum Tubes"—Accessories that cost you two dollars per when you happen to "short" them. "Amplifier"—An attachment to make all unpleasant noises more so. "Static"—A noise like water spilt on a red hot stove. "Battery"—A fitting, which, like many people, receives little attention while alive, but is greatly fussed over when dead.

To the Third Trombone Player

(Other Curious Persons May Read)

Dear Sir: Please accept my most sincere thanks for your kind words of appreciation of my few lines of

your kind words of appreciation of my few lines of poetical endeavor in reference to the feminine members of the Digest staff. Please permit us to say that you are both a Gentleman and a Scholar.

You said a mouthful Old Timer in those few words "Whither are we drifting," but you should have seen those few lines of mine before our good friend Inditrimmed it down—to make it more presentable I guess. However, we will not fuss with him about that as we give him credit for knowing his beans, and if he is kind enough to let this get into print we will—as the announcer who wears the necktie, shoes and passionate socks would say—dedicate these few lines to The Third Trombone Player. Trombone Player.

Oh who is this party of the Marcel Wave Who writes the dope for those who rave Of Announcers young and Announcers Old, Of Artists timid and Artists bold?

Oh is it a "She" that's young and fair Who rouges her cheeks and bobs her hair, Uses a lipstick and powders her nose, Wears high-heeled shoes and rolls her hose?

Or is it a "He" that's short and fat, Wears neckties, tan shoes and derby hat, Chews "Brown's Mule" and smokes a hod, And writes those lines to hold his job?

Whoever it is means little to us, You and I, Old Timer, we don't give a cuss. No doubt they are doing the best that they can, But it's darn poor stuff for a Radio fan.

OLD KING TUTT (HIMSELF)

Intermission Idiosyncrasies A. C. S. Announcing

"At 8:45 we will broadcast a short talk on Bone Setting by Dr. Alonzo Crapp, a noted bone setter of San Francisco. Dr. Crapp will give us a short outline on such subjects as, Numerical Propinquity, or in other Words." words, the repeating habitudes of a seven, and an eleven. We understand the doctor recently did some nine hundred dollars worth of bone-setting in a Chicago hotel in one short evening and we hope he has some good news for us."

ARTHUR C. STOWELL

Food for Thought

Edator Indi-gest: The funniyest thing abowt humens is that they sure like a grate varieyty. I was down to Chicago won time and in a big hotel they gave me for dinner.

Been Soop. French Fride potatos.

Pork Shanks and Whipped Creem.

Fride Cat Fish with Cottaige Chease.

Pumkin pye with Pymentoa dressing.

Buttermylk to drink.

They are duing the saim thing with Radio proagramms. Compare one with the above meanyu and see the alikeness—

Melody in F.

Yes Sir thets my baby.

Reeding "The Murderer" by E. Poe.

Piano dooit. The charge of the lite brigaid.

Oh, so low Meyoo. Buffalo girl, and other old tyme airs. Speach, "Our National Banks." Speach, "Our National Then, More nuts.

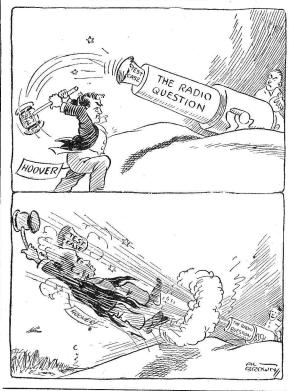
Boath of these meanyoos dissagree with the appetight. KITTLE DRUMMER

An Eastern Watchmaker, at a convention, predicts the passing of the old hand-cranked watch and the coming of a new type that will be kept absolutely accurate from minute to minute by Radio impulses, sent out by the naval observatory. Of course, when we are late at the office we might still say that we were awfully sorry but that the interference from the set of the Jones kid just made our watch run all agog.

FRANQUE'S FILOSOFEE

A DX story a day keeps the neighbors away.

Current Events



Condensed

BY DIELECTRIC

Speaking of vacations, as we were in the first August issue, it looked for a while as though the dream would come true. If a few more of the stations scattered along the wave bands had climbed up tions scattered along the wave bands had climbed up or down, your reviewer would have contributed paragraphical "blahs." As it is, programs were heard in unaccustomed places and might easily have been credited to the wrong broadcaster. Other features came through the ether carrying bits of foreign programs with them and had to be untangled. What joy a reviewer experiences these summer months with Old Man Static rattling eardrums to the breaking point. Yet they sit and listen and—compliment.

Just to prove that last assertion above I call atten-Just to prove that last assertion above I call attention to a band concert, one of the most enjoyable heard from a broadcasting station winter or summer. Station WADC, Akron, put this concert over well, so that it is my fault entirely that the name of the band cannot be recorded. The music came through clearly for the most part but the name of the record of players was not distinct though I listened group of players was not distinct, though I listened until the completion of the feature. Every selection played was characteristically band music. Ofttimes bands get into purely orchestral compositions, thereby spoiling much of beautiful effect of the music. Furthermore, they played as a unit.

Variety programs are undoubtedly appealing to Variety programs are undoubtedly appealing to Radio audiences in the sweltering midsummer season, at least when they include such highly entertaining features as theatrical reviews afford. Such reviews as are presented from Station KDKA, Pittsburgh, originating in the million dollar grand theater should prove satisfying to the majority. In case they don't, please blame the weather rather than the station, the artists or this enthusiast artists or this enthusiast.

Then there was an especially good piano recital which stood out among other features presented through Station WJAZ, Chicago, and despite the seeming commonplace of such a recital this one was above the average. The artist evidently chose to picture those listening as a cosmopolitan group and suited the numbers to the conclusion. Although some of the selections were of a lighter very every reverse. of the selections were of a lighter vein, never once was there evidence of forsaking the high ideals of the performer set forth in the more serious works. On the whole it was something one recalls with a distinct sense of completeness; good music, good taste and musicianship.

Station WLW, Cincinnati, one of the least censureable stations on the air, should have a complete paragraph all to itself with "well merited" recurring in every line. Instead, then be but a sad confession of missing an evening's enjoyment and noting of features due to the interference of another station of features, due to the interference of another station. of features, due to the interference of another station. Someone was playing piano numbers just before they signed off to give listeners an opportunity to get the call of the intruder, but how she played only those in the studio are competent to judge. Has anyone stepped in the way of WJZ? Hardly.

Ordinarily it is anything but thrilling to sit by the hour to listen to a political speech. The thing isn't done, that's all. Yet, my fellow listeners, when CNRO, Ottawa, came through with no other station tagging along, it was so comforting I listened to the very end of an impassioned diatribe directed against the consect Canada's prominent political leaders. And one of Canada's prominent political leaders. And they do discover a lot to tell in the dominion with sundry variations. No jazz band could have bought half the time. Incidentally, Canadian politics are less enigmatic. Try the recipe.

INDI

WOR TAKES UNUSED TIME HELD BY WJY

HALF WAVE BAND SILENT; BAMBERGER WILL FILL

Newark Station Gives Reasons for Commandeering Periods Left Vacant by R. C. A. Broadcaster

NEWARK, N. J.—The following statement was issued by Alfred J. McCosker, of L. Bamberger & Company's station, WOR, concerning the extension recently of that station's schedule to include late

WOR, concerning the extension recently of that station's schedule to include late afternoon and evening programs on the 405-meter wave length, formerly occupied by Station WJY, on Tuesday, Thursday, Friday and Sunday of each week, which schedule is in addition to its regular Monday, Wednesday and Saturday aftermoon and evening schedule:

"A desire to better serve public interest is responsible for the decision reached by L. Bamberger & Company to extend the broadcasting schedule of Station WOR to provide programs of educational and entertainment value on the 405-meter wave length daily and Sunday instead of adhering to the former schedule of Monday, Wednesday and Saturday afternoon and evening broadcasts. The loss to Radio listeners occasioned by failure of the sponsors of Station WJY to regularly provide programs on the 405-meter wave length for the past five months was pointed out to us by many listeners.

WJY Silent; WOR Goes Ahead

WJY Silent; WOR Goes Ahead

"During April, 1926, we applied to the management of WJY for the time on the management of WJY for the time on the 405-meter wave length used by them up to February 6 of the present year and the reply received indicated an early resumption of broadcasting by that station. However, in the weeks that have since elapsed, Station WJY has remained totally silent and it was decided that the best interests of listeners demanded a continuous program on the above wave band. "WOR is rated a pioneer broadcaster, having supplied programs of highly cultural and better class entertainment to an ever-increasing audience since February 21, 1921, and the present extension of its activities to include a daily and Sunday program will offer additional opportunity to present a practically uninterrupted broadcast."

Accordion Symphony to Be Heard Over WSOE

Fifteen Piano Accordions on Air Monday, August 16

MILWAUKEE.—A rare as well as an attractive concert is to be broadcast from the School of Engineering station here, WSOE, on August 16, 1926 beginning at 9:00 p. m. Central time. This concert will be presented by Prof. Foca Di Leo and his Accordion Symphony orchestra which, as far as can be ascertained, is the only one organization of its kind in the world today.

During the last two years Professor Di Leo organized and perfected this unique orchestra, using fifteen piano accordion instruments. It represents the first successful attempt to draw from such a combination of instruments musical effects heretofore attributed only to the standard

symphony.

The repertoire of the orchestra ranges The repertoire of the orchestra ranges from such classical gems as the "Barber of Seville," "Poet and Peasant," "Light Cavalry" and "Carmen" down to the popular melodies of the present day. In addition there are two young sopranos who appear in solos and duets accompanied in both instances by the archestra. both instances by the orchestra

Birthday Greetings Flood KPO

SAN FRANCISCO.—KPO has just been swept by its annual flood of birthday greeting cards from the Radio audience. These are addressed to Big Brother (L. R. Tucker) who has been a regular feature of the San Francisco station for more than two years and whose birthday it was. Several thousand cards were received this Several thousand cards were received this year, the majority coming from the members of the Big Brother club, which is composed of more than seven thousand juveniles throughout the west.

WOK Fans Guess Weather

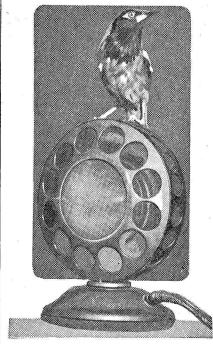
CHICAGO.—Believing that the official weather prophet is a much maligned individual, members of Radio Station WOK's staff recently inaugurated a weather guessing contest in which fans tuning that station were invited to join. The purpose of the contest was to ascertain if the public could outguess the government forecaster.

May, of KMA, Heads Nurserymen

LOUISVILLE, Ky.—Earl E. May of Shenandoah, Iowa, owner and operator of Station KMA, was recently elected presi-dent of the American Association of Nurs-

BIRDS WARBLE IN MICROPHONES





CAN YOU GUESS AGE OF MARY BARBARA?

INCINNATI. — One of the most mysterious attractions of the Crosley Radio programs is Mary Barbara. She has been entertaining the WLW Radio listeners for many months and her child-like voice has been the means of attracting many inquirles as to her age. When she gives her interesting talks, usually with the aid of one of the announcers, the curtains in the solo studio are drawn so as to hide her from the view of the as to hide her from the view of the guests in the auditorium. No one knows her real age and the studio staff is not at liberty to disclose it.

P. A. GREENE TOURING SOUTHLAND STATIONS

Arranges Fall Bridge Series Over Extended Network

CINCINNATI.—Paul A. Greene's native Southland has called and he is on a tour which includes Atlanta, Jacksonville, New

which includes Atlanta, Jacksonville, New Orleans, Houston, Dallas, Memphis, and also Kansas City, Chicago, Des Moines, Omaha, St. Louis and Denver.

Mr. Greene, who has been director of Station WSAI since he installed the United States Playing Card company's station more than three years ago is company's station more than three years ago, is combining station business with the pleasure of a well-earned vacation on his tour, for he hasn't had a vacation in two years. He is to renew contracts for the auction bridge series, which was broadcast by a

network of twenty-six stations last season.
The new series, which will begin early in the fall, will probably be handled by thirty stations throughout the country, and it is believed Jacksonville, New Orleans, Des Moines, and Omaha will add this popular program schedule. The method of broadcasting the plays will be practically the same as before.

It would seem but natural for birds to "go on the air" and so we have Bee Bee of WCCO, Minneapolis, (above) and the Troupial songster of the Amazon perched on the WMCA microphone, New York. Bee Bee sings to the harmonica accompaniment of his master, George B. Ashton, preferring operatic selections exclusively while the Troupial thrush warbles plaintive Spanish airs by himself.

C.N.R. TESTS SIGNAL STRENGTH IN TUNNEL

FINDS LONG WAVES CARRY FARTHER THAN SHORT

Three and One-Half Mile Tunnel Under Mount Royal 600 Feet Deep Used in Tests

MONTREAL, Canada.—Interesting experiments on the transmission of Radio signals through masses of rock have been carried out under Mount Royal here in the carried out under Mount Royal here in the tunnel of the Canadian National railways. Generally speaking, it was found that there was a decrease in the strength of signals as the center of the tunnel was approached. The observations, however, were not confined merely to noting whether the signals appeared to get weaker, but definite measurements were made with an audibility meter.

Messages and music were transmitted from Montreal on a wave length of 411 meters. At the center of the tunnel the strength of signal decreased to one-half of one per cent of what it was at the tunnel entrance.

tunnel entrance.

Signals Decrease Going Into Tunnel Signals were also received from Ottawa.

Signals Decrease Going Into Tunnel
Signals were also received from Ottawa.
These were transmitted on 1,400-meter
wave length. The signal strength decreased to five per cent at the center of
the tunnel. Further signals were received
from an American army short wave station, WIZ, whose signals were remarkably constant and clear. The messages
were heard at the entrance to the tunnel,
but were quickly lost on entering the tunnel. On repeatedly tracing the signals,
step by step into the tunnel, it was found
that the 40-meter signals were reduced to
zero on passing only a few hundred yards
into the tunnel, so that there were but a
few feet (thirty or forty) of material
above the car aerial—box type—which
was employed in the test.

The tunnel is three and one-half miles
in length, and at its center the mountain
is between 500 and 600 feet high, composed mainly of essexite and in other
places of limestone with volcanic dykes.

Little Rock Stops Short Waves

Little Rock Stops Short Waves

It is believed that definite measure-ments of this kind have not previously been undertaken, and the following points may, therefore, be noted. It is practically certain that the signals were not coming along the metal rails of the double-line track, nor along the overhead direct cur-rent cable used for power and light in the funnel.

It is chiefly noteworthy, moreover, that It is chiefly notewortny, moreover, that the 40-meter signals were easily reduced or attenuated by a comparatively thin layer of rock. This lends weight to the view that short wave signals pass to the upper atmosphere and are then reflected or bent by the heaviside layer, arriving of their destination by that lofty path at their destination by that lofty path and not by waves which follow the surface of the earth, for these, as these experiments have shown, are quickly

FARM RADIO YIELDS **BIG MONEY RETURN**

AG RADIO CHIEF TELLS OF OBSERVATIONS HE MADE

Farmer's Main Objection Is to Loss of Sleep—Pickard Visualizes Great Future

EAST LANSING, Mich.—Radio on the farm is yielding more dollars and cents return on the investment, developing a more prosperous American agriculture and bringing about a better contented, understanding class of farmers than any other single scientific contribution of the age, Sam Pickard, chief of Radio, United States department of agriculture, told the convention of agricultural college editors which recently met here at East Lansing. which recently met here at East Lansing,

which recently met here at East Lansing, Michigan.

After visiting the principal stations and approximately 600 farmers on a farm Radio survey tour through twenty agricultural states, Mr. Pickard stated that both college and commercial broadcasters are making an intelligent effort to anticipate the farmer's problems with interesting, helpful programs, and are winning large and faithful audiences of the most enterprising class of farmers.

Lack of Sleep Is Curse

Concrete examples of how practical application of information gained through Radio is helping the farmer's bank balance were cited. In districts sixty miles from a railroad he discovered farmers who had changed their farming to more profitable lines suggested by authoritative Radio talks.

"The farm fan," he said, "has two chief criticisms of Radio. The one most often voiced is the curse of not getting enough sleep. Most of them admit they sit up with their sets late into the night. Many others say that while they like to be neighborly they tire of the entire community dropping in every winter evening and then forgetting to go home."

A plea for the college to dramatize informational programs, injecting into them greater interest and more humor, was made.

Great Field to Develop

"I know of no field into which educa-"I know of no field into which educational agencies have entered that offers keener competition than that of Radio. The day has passed when the mediocre speaker can hold a Radio audience. The lecture of long difficult words and sentences must give way to the more friendly, natural dialogue presented by effective Radio voices.
"Until educational institutions value the

"Until educational institutions value the effectiveness of Radio instruction highly enough to finance adequately a competent staff, trained in the technique of broad-casting, they can not expect to utilize suc-cessfully this new invention, probably the greatest boon to education since the printing press was invented.

The department of agriculture's new policy of providing a staff of feature writers to weave timely information into dialogue material to be broadcast by trained announcers was commended to the college editors.

GOLD CUP AWARD NEWS

(Continued from page 2)

flying.

Vote Bonus Ballots

As a reward for saving consecutively numbered ballots and casting them at one time for the same candidate, a bonus vote, with size depending on the number in consecutive order, is credited to that candidate.

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

The larger number of consecutive bal-

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

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

l				W. (1900)						2
Call	Location	Met. K	c. Saturday	Sunday	Monday	Tuesday	Wed.	Thursday	Friday	100
AT9 CFCA CFCN CJCA CKAC CKCL CKNC CKY CNRO	Fort Bragg Toronto Calgary Edmonton Montreal Toronto Toronto Winnipeg Ottawa	356.9 84 356.9 69 434.5 58 516.9 73 410.7 84 356.9 84	8:00- 9:00 12:00- 2:00 11:00- 1:00 0 6:15-10:30 6:00- 7:00 Silent Silent	6:00- 7:00 6:00- 9:30 Silent 9:30-10:30 1:45- 2:45 2:00- 3:55 Silent Silent Silent	Silent Silent Silent 9:30-11:30 Silent Silent 8:00-10:00 12:00- 1:00 Silent	Silent Silent Silent 9:30-10:00 6:15-10:30 6:00-10:50 Silent Silent Silent	Silent Silent Silent 8:00-10:00 Silent Silent Silent 10:00-12:00 7:30-12:30	8:00- 9 55 Silent 10:30-11:00 11:00- 1:00 7:30- 8:30 6:00- 7:00 7:00- 9:00 10:00-11:00 Silent	Silent Silent Silent 10:00- 1:00 Silent Silent Silent Silent Silent Silent	
CYL CZE KDKA KFAB KFDM KFH KFI KFJF KFKX KFNF KFOA	Mexico City. Mexico City. Mexico City. Pittsburgh. Lincoln. Beaumont. Wichita. Los Angeles. Okla. City. Hastings. Shenandoah Seattle.	340.7 88 315.6 95 267.7 112 467 64 260.7 115 288.3 104 461.3 65	67 9:24-10:24 68:00- 9:55 60 6:30-11:30 60 Silent 8:00- 9:00 10 00- 4:00 8:15-11:30 60 6:30- 7:36 8:00- 1:00	2:30-10:00	8:00- 9:00 10:00- 2:00 8:15-10:45 6:30-12:00	10:24-11:54 9:24-10:24 8:00-11:35 6:30-11:30 9:00-11:00 Silent 10:00- 2:00 Silent 6:30- 9:00 8:00- 1:00 9:00- 2:00	Silent 9:24-10:24 8:00- 9:55 6:30-11:30 Silent 8:00- 9:00 10:00- 2:00 8:15-10:45 6:30-12:00 8:00- 1:00 10:00- 1:00	Silent 9:24-10:24 8:00-11:15 Silent Silent Silent 9:30-2:00 8:15-10:45 6:30-9:00 8:00-1:00 Silent	10:24-11·54 9:24-10:24 8:00- 9:55 6:30-11:30 9:00-11:00 8:00- 9:00 10:00- 2:00 8:15-10:45 6:30-12:00 8:00- 1:00 9:00- 2:00	
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217.3	WOK	268	KFH	299.8	KSL	348.6	WEEI	405.2	WOR	475.9	WBAP
226	KFWI	270.1	WEAN	299.8	WPG	350	CZE	406	WBAR	475.9	WTIC
226	WBBM	270.1	WGHP	302.8	WGN	352.7	WWJ	410.7	CKAC	475.9	WFAA
226	WIBO	270.1	WOI	302.8	WLIB	356.9	CFCA	416.4	WCCO	480	CYL
229	KMMI	272.6	WBBR	302.8	KTAB	356.9	CKCL	421	KIAF	483.6	WOC
232.4	KFON	272.6	WEBI	305.9	KOIL	356.9	CKNC	422.3	WLW	483.6	WSUI
236.1	WGBF	272.6	WFBH	305.9	KTCL	361.2	KGO	422.3	WKRC	491.5	KGW
238	WSBC	273	WRW	305.9	WIAR	361.2	WHN.	428.3	WSB	491.5	WEAF
240	KFVE	275.1	WHAD	309.1	KDKA	365.6	WDAF	428.3	KPO.	499.7	WMC
240	WOAX	275.1	WHAR	312.3	KWKH	365.6	WHB	431	WNAC	502.8	KFQB
242	WOOD	275.1	WORD	315.6	KFDM	370.2	WEBH	434.5	CNRO	508.2	KLX
244	WAMD	275.1	WSWS	315.6	KPSN	370.2	WJJD	434.5	CFCN	508.2	WIP
246	WBAL	275.3	WJAS	315.6	WAHG	374.8	KTHS	434.5	NAA	508.2	WOO
250	KFXF	278	KWCR	315.6	WGBS	374.8	KVOO	435	AT9	516.9	CJCA
250	WGES	278	KWWG	319	WGR	379.5	WGY	440.9	KLDS	516.9	WCX.
250	WMBB	278	WCAU	319	WSMB	379.5	WHAZ	440.9	WDWF	516.9	WJR
252	KFWB	278	WOO	322.4	KOA	384.4	CKY	440.9	WOS	526	WHO
252	WGCP	280.2	KMOX	325.9	WSAI	384.4	KJR	447.5	WMAQ	526	WNYC
256	WRVA	282.8	WOAN	329.5	WJAZ	384.4	WMBF	447.5	WQJ	526	WOAW
258	WADC	282.8	WSM	333.1	WBZ	389.4	WTAM	454.3	KFOA	535.4	KYW
260.7	KFWA	285.5	WREO	336.9	KNX	394.5	WFI	454.3	WJZ	545.1	KFUO
260.7	KFJF	288.3	KFKX	336.9	WJAX	394.5	WLIT	455	KTW	545.1	WTAG
263	WAAM	288.3	WLWL	340.7	/ KFAB	394.5	WOAI	461.3	KFNF		
265.6	WBCN	293.9	KTBI	340.7	WKAQ	399.8	WHAS	461.3	KMA	1	
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"PRETENSE"

(Continued from page 10)

with the words. "Most really eligible men with the words. "Most really eligible flen these days seem to feel about marriage as you do. They want roses without thorns. A great many are successful in their quest, too."
"Don't be so reproachful, Evelyn. Women today demand so much that few men are able to marry until they reach an age where real romance is a thing of the

Women today demand so much that few men are able to marry until they reach an age where real romance is a thing of the past. The modern girl expects her young husband who is just embarking upon his life's work to provide her with the same luxuries as her father, who is a success after years of effort. Yet every man must have a certain amount of love with its attendant pleasures. If he can't afford to enjoy it legitimately, he'll have it otherwise."

"Why, Boris! You talk like Dorothy Dix!"

"Perhaps I am moralizing. Yet I've told only the truth. You know it as well as I do."

"But there are exceptions."

"A few. Too few. That's the main trouble with the American people. They re not willing to struggle and sacrifice to endure anything as a means to an end. That is why they've never been able to compete with Europeans in the arts."

"You—of all people—to talk about sacrifice and endurance!" exclaimed the girl. "Why, you don't know what the words mean!"
"No?" He gazed at her queerly, his

mean!"
"No?" He gazed at her queerly, his eyes holding a half-quizzical, half-eager light as though he were about to divulge some surprising thing. But the light faded suddenly and his face hardened. "Observation is sometimes almost as revealing as experience."

ing as experience."

In the artistically dim illumination an approaching figure threw a shadow across the table. Prince Boris looked up quickly. It was Ricardo, the dancer. Regretfully, annoyance plainly visible on his countenance, Masillof rose and bowed. Without invitation or hesitancy the newcomer sank gracefully into the vacant chair be-

sank gracefully into the vacant chair beside the girl.

"Good morning," he greeted pleasantly. Masillof, occupied with lighting another cigarette, made no answer. But rage welled within him at the girl's cordial response. Despite his brazen daring, Ricardo was seldom rebuffed. He possessed that unique faculty known as "a way with women" and the men, fearful of the accusation of jealousy, rarely revealed their feelings.

their feelings.
Thrice each night Ricardo did exhibition dances with Frascita. The balance (Continued on page 27)



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ENGLISH WOMAN IS WCCO STUDIO CHIEF

COMES FROM "VALLEY OF KINGS" TO SAINT PAUL

When Forced to Support Self She Once O. K'd Cattle Loans for National Bank

MINNEAPOLIS.—From the quiet surroundings in the Valley of Kings, where King Tut's tomb has been located, to the busy life of a program director, announcer and accompanist in a modern broadcasting station, is the rather radical change in the mode of existence enjoyed in the last fow

station, is the rather radical change in the mode of existence enjoyed in the last few years by Mrs. Edith M. Stevens, program director of the Saint Paul studios of the Gold Medal station, WCCO, Saint Paul-Minneapolis.

A native of England, and the wife of a British army officer, Mrs. Stevens has traveled all over the world and lived in many parts of it. For several years her husband was stationed in Egypt, and she says that many times has she visited the Valley of Kings and probably rested on the very spot where King Tut was buried, without ever knowing it. At that time she said she had no more idea of what Radio was all about than the long-deceased monarch.

Once O. K'd Cattle Loans

deceased monarch.

Once O. K'd Cattle Loans

After residing for some time in Gibraltar, Paris, Belgium, and London, Mrs. Stevens, after the loss of her husband, came to the United States in 1916, selecting Saint Paul for her residence. She obtained employment in one of the largest of the national banks there. While in the bank she was given the rather novel assignment for a woman of having charge of all cattle loans. The reason for this, the president of the bank explained, was that in going over the letters from farmers stating their financial conditions, human interest was a more necessary qualification than merely usual business procedure.

HEADS GOLD MEDAL SAINT PAUL STUDIO



Edith M. Stevens

women of the twin cities. How wide may be judged from the fact that recently she was elected president of the Saint Paul Business and Professional Women's club, and this acquaintance has enabled her to make many excellent contacts for WCCO with the women's organizations.

While Mrs. Stevens is now one of the Northwest's most popular women announcers, when she first began to talk into the microphone, many had difficulty in understanding her distinct English accent. In fact, one of the first days that she announced, an excited subscriber called the Gold Model station and worsted while Mrs. Stevens is now one of the Northwest's most popular women announcers, when she first began to talk into the microphone, many had difficulty in understanding her distinct English accent. In fact, one of the first days that she was persuaded to take the position of director of the Saint Paul programs.

She also enjoys a very wide acquaintance among the club and professional

SHORT WAVES

By Marcella (Continued from page 2)

There Mrs. Hunter discovered a bobber There Mrs. Hunter discovered a bobber shop. Snip! Snip! And when she came out she belonged to the great army of bobbedhaired ladies. She felt no remorse but straightway accepted an invitation to broadcast a recital from KPO. Los Angeles heard her, was jealous, and she broadcast another recital at KFI. And now her old friends of the WEAF audience have welcomed her home again.

* * Yoo-Hoo! Betty and Peggy White, Jefferson City, Mo. Si, mio caro Senoritas, el Senor Vincent Lopez uno soltero esto, 32 years old, y, a fe, Espanol, (excuse my Spanish). In other words, Vincent Lopez, one of the prevailing furores of Eastern Radio circles, is single, 32, and, in truth, a Spaniard. At least he comes from a Spanish tree—family tree, of course, and I rather suspect that he is not a blond. My information states that his chief occupation is directing the Casa Lopez orchestra, hosting at his own club on Fiftyseventh street, near Broadway, and playing circles around Brunswick records the while. He is neither a matador nor a toreador but he's a good cazador and all the girlsador—but they say with all this and that he's a busy, busy man.

"As you know about everything please tell me all about the Gold Dust Twins," writes Miss Kathryn Gates of Chester, Ill. That's good, Kathryn, and if Marcella was only here she might be able to do it but all I can get is a whole page of blah without one real hint as to their real names from WEAF. "Goldy," according to Mr. Johnstone, "is the tenor half of the combination and is known under his own name all over the country through phonograph records and personal appearances. Dusty, records and personal appearances. Dusty the baritone twin, has had a wide concert the baritone twin, has had a wide concert and oratorio experience. A few seasons ago he appeared with the Philharmonic orchestra at the Lewissohn Stadium, New York." Make 'em any color of hair and eyes you want, Kathryn, 'salright with me. That's their and WEAF's secret.

You may have been listening when one of them said, "What faw does dem city ladies go faw a wearin' men's pants?"

"Not so, they's knickers."

"Not what I seed, they's white folks."

"Not what I seed, they's white folks."

Women Predict Future Of Radio in Contest

Search for "Miss Radio" Uncovers Interesting Papers

NEW YORK.—Women are not leaving it to scientists to visualize the future of Radio. Many of the feminine fans have decided opinions of their own on this subject. Their views have been expressed in letters sent to the Radio World's Fair management in the annual "Miss Radio" contest, to determine America's leading Radio enthusiast.

"Radio will take the place of all power lines," predicts Mrs. Abba Lindsay McCumber of Cleveland, O.

She speaks with thorough knowledge of

Cumber of Cleveland, O.

She speaks with thorough knowledge of Radio, as she was the second and youngest operator of her sex to hold a commercial station, and she has spent many most interesting moments "at the key" in Tacoma, Portland, Seattle, Wenatchee, and other places, while during the war she taught Radio telegraphy to a class of women, after being politely informed that there was no provision for a woman teacher of men in that capacity, at the Naval Training station at Great Lakes. "I believe it is only a question of time until every home will be equipped with Radio," states Mrs. McCumber. "Our present phone and light lines will be eliminated. Ships will be navigated solely by Radio. There seems to be no end to this wonderful invention. In reality it is only in its infancy now."

And here's a post card from that dear Marcella. It shows her lifting a twig on which are strung two large bass and a trout. Oh Marcella, how could you! But she's not stringing me. I see a small boy with a crooked pole in the background, there's a coin in his hand and a wink in his eye. But, if your letter didn't get answered this time, please be patient, Marcella will take care of it in the next Radio Digest.

Sure, don't mention it. I'm only sorry I couldn't do better for you.
Old Man Grundy.

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. 10:45 9:45 8:45 7:45 6:45 WTAG (545.1m-550kc), Marjorie Woodman, nurse, 11:50 10:50 9:50 8:50 7:50 WMC (499.7m-600kc), Home economics discussion, Miss Kitty, 12 n. 11 10 9 8 WHT (399.8m-750kc), Women's club, Jean Sargent. gent.
WQJ (447.5m-670kc), Home Economics program,
Aug. 16, "Golf"; Aug. 23, "Modern Laundering," John A. Heist.
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc), Fashion and household
talks. talks. WGBF (236.1m-1270kc), Cooking instructions, WGBN (302.8m-990kc), Home Management period. 12:35 11:35 10:35 9:35 8:35 KYW (535.4m-550kc), Table talk. 2 12 n. 11 KGW (491.5m-610kc), Household helps. WSOE (245.8m-1220kc), Ladies' hour. 2:20 11:20 10:20
WGBF (236.1m-1270kc), Carden talk,
WGY (379.5m-790kc), Cooking lesson,
2:45 1:45 12:45 11:45 10:45
WOJ (447.5m-670kc), Aug. 16, "Waffles Still
Hold the Fort," "The Care of the Skin and
Hair"; Aug. 23, "Hot Weather Meats and
Sauces," 2 1 12 " 11 3 2 1 12 n. 11, WJZ (454.3m-660kc), "Your Daily Menu." WJZ (454.3m-660kc), 'Your Daily Menu.'
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11:30 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 a. m. 9 8 7
WIP 508.2m-590kc), Menu, Anna Scott.
10:30 9:30 8:30 7:30
WWJ 352.7m-850kc), Tonight's dinner.
10:45 9:45 7:45 6:45
WTAG (545.1m-550kc), Talk to mothers. 11 10 8 8 8 7 Arts (309.m-970kc), Domestic Science, Arts for the Housewife, 12 n. 11 9 8 8 WHT (399.8m-750kc), Women's club, Jean Sarwhite (370.2m-810kc), Home Makers' club.
WMCA (340.7m-880kc), Home economics. Aug.
17, Mrs. Martha Ellen Abt; Aug. 24, Dr. Fran
Furch.
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. 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), Fashion talk.

Atlantic Eastern Central Mountain Pacific 2 p. m. 1 12 n. 11 10 KGW (491.5m-610kc), Household Helps shopping guide. WGBF (236.1m-1270kc), Garden talk. 2:45 p.m. 1:45 12:45 11:45 10:45 WOJ (447.5m-670kc), Home Economies. Aug. 17, "The Use of Condiments and Spices in Your Foods"; Aug. 24, "Casserole Dishes Good for Hot Weather"; "The Report Card"; style talk. talk.

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

3 2 12 n. 11

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

J. Heath.

2:15 1:15 12:15 11:15 J. Heath, 3:15 2:15 1:15 12:15 11:15 KOIL (305.9m-980kc), Shopper's aid, 3:30 2:30 1:30 12:30 11:30 KFNF (461.3m-650kc), Half Hour on Cooking. KMOX (280.2m-1070kc), Housewives' hour, 6:30 5:30 4:30 3:30 2:30 KOA (322.4m-930kc), Housewives' matinee. 7 KOA (322.4m-930kc), Culinary hints, Clara Hoover. Fashion hints. 7:45 4:45 3:45 WFG (299.8m-1000kc), Fashion Flashes. Wednesday

Atlantic Eastern Central Mountain Pacific 10:30 a.m. 9:30 8:30 7:30 6:30 WJ (352.7m-850kc), Tonight's dimer. 10:45 9:45 8:48 7:45 6:45 WTAG (545.Im-550kc), Talk to Housewives, Mrs. Lydia Flanders. 11 10 9 8 8 hour. hour. WHT (399.8m-750kc), Women's club, Jean Sarwill (370.2m-730kc), Home Economics program.
WOJ (447.5m-670kc), Home Economics program.
Aug. 18, Dr. Emmet Keating; Aug. 25, "Little
Talks on Pictures," Marjory Curry,
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc), Fashion and Household talks. WGBF (236.1m-1270kc), Cooking instructions. WGN (302.8m-990kc), Household management period. period. 12:35 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 Kim-brangh KGW (491.5m-610kc), Household Helps, ping guide. KGW (491.5m-610kc), Household Helps, shopping guide.
2:20 1:20 1:20 10:20
WGBF (236.1m-1270kc), Garden talk.
2:45 1:45 12:45 11:45 10:45
WOJ (477.5m-670kc), Home economics, Aug. 18,
"Eggs for Hot Weather"; Children's diets; Aug. 25, "Hot Weather Sandwich Meals";
"Women Versus Dependency,"
3 2 1 12 n. 11
WJZ (454.3m-660kc), "Your Daily Menu."
3:15 2:15 11:5 12:15
KOIL (305.9m-980kc), Shopper's aid.
3:30 2:30 1:30 12:30 11:30
KFNF (461.3m-650kc), Half hour on cooking.
4 WCCO (416.4m-720kc), Woman's hour.
WHB (365.6m-820kc), Ladies' hour.

Atlantic Eastern Central Mountain Pacific 4:30 p. m. 3:30 2:30 1:30 12:30 WLW (422.3m-710kc), Cooking school, 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, Aune Jane. 5:30 4:30 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 CKMOX (280.2m-1070kc), Housewives' hour. 7 6 KGO (361.2m-830kc), "Hints for Housekeeper." 6 5 4 KLX (508.2m-590kc), Woman's hour. KMA' (461.3m-650kc), Domestic science talk. 8:45 7:45 6:45 5:45 4:45 WBZ (333.1m-900kc), Household management. Thursday

Atlantic Eastern Central Mountain Pacific
10 a.m. 9 8 7 6
WIP (508.2m-590kc), Menu talk.
10:30 9:30 8:30 7:30 6:30
WWJ (352.7m-850kc), Tonight's dinner.
10:45 9:45 8:45 7:45 6:45
WTAG (545.1m-550kc), Marjorie Woodman, nurse.
 nurse.
 10

 11 AF (491.5m-610kc)
 Talks, cookery

 11:50
 9:50

 8:50
 7:50

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

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 8:8 12 n. 11 10 9 8 NEAO (293.9m-1020kc), Housekeepers' half MEAR (389.4m-770kc), Home service talk, WHT (399.4m-750kc), Women's club, Jean Sar-WHI (393, min-2006), gent.
WMCA (340,7m-880kc), Food bureau program.
WOJ (447,5m-670kc), Aug. 19, "Peanut Butter
Cookery", Aug. 26, "The Labor Day Outing,"
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370,2m-810kc), Household and fashion 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 12n. 11
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 WOJ (447.5m-670kc), Aug. 19, "A Boat Lunch"; Aug. 26, "Unexpected Guests."

3 12 12n. 11
WJZ (454.3m-660kc), Your Daily Menu.
3:15 2:15 11:15 11:15 KOIL (305.9m-990kc), Shopper's aid.
WJZ (454.3m-660kc), "Wall Paper, Room by Room, A Fillebroun.
3:30 2:30 1:30 12:30 12:30 12:30 KFNF (461.3m-650kc), Woman's hour, Mrs. Margaret B. Russell.
4:30 3:30 2:30 1:30 12:30 12:30 WLS (344.6m-870kc), Homemakers hour. Margaret B. Russell.
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
WGC (483.6m-620kc), Home management schedule, Aunt Jane.
5 5 4 6 5 4 3 2
KMA, 461.3m-650kc), Woman's hour.
KMOX (280.2m-1070kc), Housewives' hour.

Atlantic Eastern Central Mountain Pacific 6:39 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 KOA (322.4m-930kc), Women's club program. KOA (322.4m-930kc), Culinary hints, Clara

Priday

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 p.m. 10 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 Sar-WHT (399.8m-/50kc), women's accu, year, gent, woll (447.5m-670kc), Permanent waving. 12:15 p.m. 11:15 10:15 9:18 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. WEBH (370.2m-810kc), Household and fashion talks,
WGBF (236.1m-1270kc), Cooking instructions,
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,
12 1 12 n. 11
KGW (491.5m-610kc), Household hipts,
1:45 1:45 12:45 11:45 10:45
WOAW (526m-570kc), Sunshine Sunday dinner menu,
WOJ (447.5m-670kc), Aug. 20, "Your Home,"
June Dunham; Aug. 27, "The Woman and Her Figure," Mrs. Florence E, Lund,
3 1 12 12 12 12 13
WJZ (454.3m-660kc), "Your Daily Menu," Mrs.
J. Heath.
J. Heath.
J. 11:15 lems. 3:45 2:45 1:45 12:45 KFNF (461.3m-650kc), Ladies' hour. 5 4:45 (461.3m-650kc), Ladies' hour. WOC (483.6m-620kc), Home Management, Aunt Jane. 5:15 4:15 3:15 2:15 1:15 WMAQ (447.5m-670kc), Housewives matinee. 7 6 5 4 2 7 6 5 4 3 KOA (322.4m-930kc), Culinary hints. Fashion review.

Saturday Atlantic Eastern Central Mountain Pacific 10:30 p.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 Sar-WQJ (447.5m-670kc), Home Economics program. (477.5m-670ke), then Economics program, 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 60:35 9:35 8:35 KYW (535.4m-560kc), Table talk.

VISIT ATLANTIC CITY BOARD WALK W

10 9 8 7 6
WEAF (491.5m-610ke), WJAR (305.9m-980ke), WCCO (416.4m-720ke), WCAE (461.3m-650ke), WCSH (256.3m-1170ke), KSD (545.1m-550ke), WDAF (365.6m-820ke), WO (508.2m-590ke), WTIC (475.9m-630ke), WRC (468.5m-640ke), WSAI (325.9m-920ke), "Martha."
WOS (440.9m-650ke), Fidding champion.
10:30 9:30 8:30 7:30 6:30
KFAB (340.7m-880ke), Old-time tune night.
11 9 8 7
WCCO (416.4m-720ke), Scandinavian ensemble, WSAI (325.9m-9920ke), Harmony Four. 7:30
WBAP (475.9m-630ke), Crapevine Fiddle band.
2 MD (244m-1230ke), Our hour, Mac, Sac.

Monday, silent night for: CKAC, CNRA, CNRC, CNRE, CNRM, CNRO, CNRR, CNRT, CNRV, CNRW, KHJ, KLDS, KPSN, KWSC, KYW, WBBM, WCBD, WEBH, WEBJ, WENR, WGBF, WGBS, WGES, WGN, WGY, WHAS, WHT, WIBO, WIF, WJAZ, WJJD, WLIB, WLS, WMAQ, WMBB, WOC, WOK, WORD, WQJ, WRC, WSAI.

HIGH LIGHTS OF THE AIR

HAT delightful pair of songbirds, Beulah Lockwood Durfee and J. Otto Jellison of WCCO, are announced for a song cycle, Tuesday, August 17. This soprano and tenor combination come on the air like a high moment from the opera.

Steinmetz, the little giant whose brain unravelled many of the mysbrain unravelled many of the mysteries of modern electricity, is the subject of an interesting series of talks on the Tuesday 6:30 programs at WGY. The story as authoritatively told by John W. Hammond is more than the study of a man, it is a story of American opportunity and achievement achievement.

Providence, R. I., is announced as Hrovidence, R. I., is amounted as the sojourn for a day of the Travelers Jongleurs, Wednesday, August 18. The "Unknown Troubadour" of this troupe made his reputation as a star in a barn-storming opera company, singing as a boy soprano and fooling the stage door Johnnies.

Temple Bells and the etherial presence of Oriental song and mysticism will afford an entertaining feature from CNRM, Thursday, August 19, by the Himalayan string quartet.

If you have never visited the If you have never visited the famous "Boardwalk of Atlantic City," you may close your eyes Thursday, August 19, and dial for KDKA. Richard Kountz and the Symphony players will bring to your imagination the sound picture of this well known place. Amid the swell of the waves you will hear the music of the orchestras. you will orchestras.

The Gondoliers, those popular musicians of WOS, return to this station Wednesday, August 25, bringing their marimbas with them. They have planned a gay program and anyone enjoying this unusual instrumental music should tune in.

Mr. and Mrs. W. J. Whiteman, Paul

Mr. and Mrs. W. J. Whiteman, Faul Whiteman's parents, and Ferne Whiteman Smith, his sister, will appear at KOA, Wednesday, August 25, when the Ohio society of Denver entertains. Nor will Mr. Whiteman's family appear in jazz selections. They will give a variety of semi-classical music.

Although WCAP, Washington, D. C., will cease to go out over the air all the programs originaly given over this station will continue to be broadcast over WRC.



Headliners Today

Atlantic 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, 9 8 7

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

Atlantic or Eastern Daylight Saving.

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Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 11 a. m., St. Paul's Anglican church; 7 p. m., Timothy Eaton Memorial church; 9:30, CFCA's concert orchestra.

WCAU, Philadelphia, Pa., (277.6m-1080kc), 6:30 p. m., Hotel Pennsylvania orchestra; 7:30, Cathay tea garden orchestra.

WEAF, New York. (491.5m-610kc), 3 p. m., Greater New York Federation of Churches; 4, sacred music; 4:30, Federation mixed quartet; 5:30, Edward Steels, pianist; 6, Frances Sebel, soprano; 7:30. Capitol family, WEEI, WCAP, KSD, WWJ, WJAR, WCAE; 9:15, Atwater Kent, WEEI, WGR, WCAP, WSAI, WGN, WCCO, KSD; 9:45-10:15, Goldman band voncert, WEEI, WJAR, WTAR, WCSH, WSAI, WGN, WCCO, KSD; 9:45-10:15, Goldman band voncert, WEEI, WJAR, WTAG, WCSH, WSAI.

WFI, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., services, Arch st. Presbyterian church, Rev. Clarence E. MacCartney.

WIP, Philadelphia, Pa. (508.2m-590kc), 4:15 p. m. community vocal and instrumental trio; 7:15, services, Holly Trinity church; 9:15, concert, Marine studio; 10:30, organ recital from Atlantic City High School.

WJZ, New, York, N. Y. (454.3.m-660kc), 6 p. m.,

studio; 10:30, organ recital from Atlantic City Hign School.
WJZ, New York, N. Y. (454.3.m.-660kc), 6 p. m., Isadore Greenberg, violinist; 7:05 p. m., Park Avenue Baptist Church Carillon, WGY; 7:25, Hotel Pennsylvania concert orchestra, WGY; 8. Betty Foulus, contralto, WGY; 26. Morris, accompanist; 8:15, Hotel Ambassador trio, WGY; 9, Minerva Male quartet, WGY; 9:30, Godfrey Ludlow, violinist, Lolita Cabrera Gainsborg, pianist, WGY.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 7 p. m., Churchill tabernacle.
WMCA, New York, N. Y., (340.7m-880kc), 7 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo By-The-Sea orchestra.

Eastern Standard or Central Daylight

Eastern Standard or Central Daylight
Saving Time Stations
KDKA, Pittsburgh, Pa. (309.1m-970kc), 7 p. m.,
municipal concert.
KYW, Chicago, Ill. (535.4m-560kc), 10 a. m., Second
Presbyterian church; 3:30 p. m., studio concert;
8:30-10, classical concert.
WBAL, Baltimore, Md. (245.8m-1220kc), 7:30-8:30
p. m., WBAL concert orchestra.
WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m.,
Sacred classical concert, Eddie Hanson at the Barton
organ, staff artists; 4-6, Musical matinee, Lee Sims;
Charlie Lenzen, tenor; 8-10, 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, Knight
of Pythias.
WCBD Yor, Ill. (244 m. crol.-)

Copley Flaza concert; 8, Golden Rule hour; 9, Knight of Pythias.

WCBD, Zion, Ill. (344.6m-870kc), 9 p. m., male chorus, vocal trie; duets, Ralph Bull, E. B. Paxton; Carey Sisters; Edith Carey, contralto; L. J. Hire, viola soloist; Gerald Mason, cornetist; Mrs. Blanche Kesler, reader; John Mehaffey, pianist.

WCX, Detroit, Mich. (516.9m-580kc), 2:30 p. m., Schmeman's band; 8, Detroit sympony orchestra.

WGHP, Detroit, Mich. (270m-1110kc), 11 a. m., Grosse Pointe Memorial church

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, musicale; 7-7:30, Million sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, musicale; 8-8:15.

Walt; 6:45, musicale; 7-7:30, Million sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8, musicale; 8-8:15, Drake concert ensemble, Blackstone string quintet; 8:15, Aamater Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.

WGY, Schnectady, N. Y. (379.5m-790kc), 9:45 a. m., First Church of Christ, Scientist; 6:05 p. m., Park Avenue Baptist church carillon; 6:20, Hotel Pennsylvania orchestra, WJZ; 7, WJZ; 7:30, WJZ; 8:30, WJZ, WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul Rader.

Rader. WJR, Pontiac, Mich. (516.9m-580kc), 10 a. m., First Baptist church; 8, Detroit sympony orchestra; 10,

Baptist church, 6, Betatt Sympoles, Song Service.

WKRC, Cincinnati, Ohio. (422.3m-710kc), 10 p. m., classical program; 11:15, Swiss Garden frolic; 12, Marie Turner, blues and ballads; 12:15, Ace Brigode's Fourteen Virginians.

WLIB, Chicago, Ill., (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.

water, soprano, son orchestra; Nadyne Roberts Waters, soprano.

WGJ, Chrosley Salon orchestra; Nadyne Roberts Wd. Chroago, III. (447.5m-670kc), 3-4 p. m., Sylvian Four; Jacob Hanneman, pianist; 8-10. Rainbow Gardens orchestra; Clara Gorski Geis, soprano; J. Edwin Peterson, bass; Eliott Oakes, violinist; Dorothy Culder, pianist; Lauralice duo; Dr. Carl Bertschinger, pianist; Lauralice duo; Dr. Carl Bertschinger, pianist.

WSAI, Clicinnati, Ohio. (325.9m-920kc), 7:45 p. m., chimes; 8:15, WEAF; 8:45, WEAF.

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), 11 a. m., First Presbyterian church; 2 p. m., Detroit News orchestra; 6:20, WEAF; 8:15, WEAF.

Central Standard Time Stations

WDAF, Kansas City, Mo. (365.6m-820kc), 3-3:30 p. m., classical musical program; 3:30-4, Newman theater stage specialties; 4-4:45, Sabbath vesper.

IFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Jim, Jack and Jean trio; 8-9, Aeolian organ; 9-10, Bob Bottger's Venetians; 10-11, Packard Six

Bool Bottgers venetans, 10-11, Factan Corchestra, Grentstra, KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m., Warner Brothers' Sunday night movie frolic, featuring Bill Hatch and his orchestra, KGO, Oakland, Cal. (361.2m-830kc), 11 a. m., First Baptist church; 4 p. m., vespers, Grace Cathedral; 6:30-7:30, Bem's Little symphony orchestra; 7:35, First Baptist church; 9-10, Bem's Little symphony.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m. evening service, First M. E. church; 8x10 p. m. Orpheus Four male quartet. KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m.

KNX, Hollywood, Calif. (336.9m.890cc), 7.8 p. m., Circle theater organ and orchestra; 8-9, service, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.

KPO, San Francisco, Calif. (428.3m.700kc), 5-6 p. m., Marshall W. Giselman, organist; 6-6:30, States Restaurant orchestra; 6:35-8:35, Palace Hotel concert orchestra; 8:35-10, Rudy Seiger's Fairmont hotel orchestra.

Monday, August 16

WLW, Cincinnati, Ohio. (422.3m-710kc), 9:30 a.m., Sunday school, 11, church service; 3 p.m., municipal band, Eden park; 7:30, Grace Chapman, organist; 8:30, Crosley Salon orchestra; Nadyne Roberts Waters, sonrano

CKY, Winnepeg, Can. (384.4m-780kc), 7 p. m., St. Andrews United.

KFAB, Lincoln, Nebr. (340.7m-880kc), 9-10 p. m., St. KFAB, Lincoln, Nebr. (340.7m-880kc), 10:45 a. m., First M. E. church; 2:30 p m. Seed House song service; 3, Men's Gospel Team service; 6:30, Golden Rule circle; 8, Christian church service.

KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m., Lutheran church choir; 5, talk, Rev. L. A. Lippitt. KMMJ, Clay Center, Nebr. (228.9m-1310kc), 9:15 p. m., services. KOIL, Council Bluffs, Iowa. (305.9m-980kc), 11 p. m.,

KOIL, Council Bluffs, Iowa. (308.9m-900KC), 11 p. m., program.

KTHS. Hot Springs National Park, Ark. (374.8m-800kc), 11 a.m., First Presbyterian church; 9-10-10, Meyer Davis ensemble.

WBAP, Fort Worth, Tex. (475.9m-630kc), 11 a.m., First Methodist church; 9:30-11, Sorin-White Top of Texas orchestra.

WCCO, Minneapolis-St, Paul, Minn. (416.4m-720kc), 10:50 a.m., Hennepin Avenue M. E. church; 4:10 p. m., House of Hope Presbyterian church; 7:15, WEAF, 9:30, Hugo Thiller Goodwin, organist.

WDAF, Kansas Citv. Mo. (365.6m-820kc), 3-3:30

Paul Ch' titanson's Hotel Fort Des Moines orchestra.

WMC, M_anphis, Tenn. (499.7m-600kc), 11 a. m.,
Second Presbyterian church.

WOAW, Omaha, Nebr. (526m-570kc), 2:30 p. m.,
classical period; 9, chapel service.

WOC, Davenport, Ia. (483.6m-620kc), 1-2 p. m., old
folks' musicale; Paul J. Vipperman, tenor; 8-8:30,
Pliny L. Allen of Lombard college; 9:30-10:30,
Palmer Littel symphony.

WSB, Atlanta, Ga. (428.3m-700kc), 7:30 p. m., North
Avenue Presbyterian church.

WSM, Nashville, Tenn. (282.8m-1060kc), 7:30 p. m.,
First Presbyterian church.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 10 a. m.,
church service; 3:30, Bible hour; 8, services.

Mountain Standard Time Stations KOA, Denver, Colo, (322.4m-930kc), 11 a. m., Mont-view Presbyterian church; 5:30 p. m., Mrs. Blanche Townsend, organist; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations



THE Jolly Tars above a of the Sylvan Beach di tra of which Earl McN director. This Houston Po feature is a weekly enter KPRC during the summer. is Nicolai Berezowski, cond Atwater Kent orchestra every Sunday evening at Atlantic time through WI WRC, WWJ, WSAI, W(and KSD. Mr. Berezows) only a young director, has self a skilled one. Among girls appearing before the of WQJ is Vesta Lou Balcl she is a soprano. Howeve intelligent one and never o voice offended the ear of a fact when she sings the tele incessantly with requests

waudeville features; 10:45, El Patio orchestra.

WMAK, Buffalo, N. Y. (285.3m-1130kc), 6:15-7:15, Philco Battery serenaders; 7:30-8:15, Buffalo Athletic club; 8:15-9, agriculture program.

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; 9'15, Hardman Hour of Music; 10:30, Hotel Shelburne orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12m, McAlpin entertainers.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7, 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-Carleret orchestra.

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

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania orchestra; 8, organ recital: 8:30, Sesquicentennial program; 10:30, Sam Brown's orchestra.

Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m.,
Etzi Covato and his orchestra; 8, Marie Vierheller,
pianist; Blanchard Wiester, tenor; 8:30, concert,
Willows, Oakmont,
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.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m.,
Hotel Lenox ensemble; 6:35, Hotel Kimball trio; 8,
Capitol theater orchestra; 8:30, Rene Dagenais,
organist; 9, Priscilla Beach half hour; 9:30, Edson
A. Parks and his orchestra.

WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Goldkette ensemble; 8-10, Detroit symphony orchestra.

WGHB, Clearwater, Fla. (265.3m-130kc), 8:30-10
p. m., Caroline Lee; Max Hartlett, pianist.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner
concert from Hotel Tuller; 8:30-9, studio program;
9-10, WGHP ensemble and soloists.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean
Goldkette's Petite symphony orchestra; 7:15, Caspar

Lingeman entertainers; 7:45, Good Will Oakland, Chief Pontiac; 8, Detroit symphony orchestra. WKRC, Cincinnati, Ohio (422,3m-710kc), 6:15 p. m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Schmitt, haritone; 8:15, dance program; 8:45, Eugene Perazzo, pianist; 9, American Legion; 12, popular program.

Garden orchestra.
WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m., Goldman hand concert; 9, grand opera hour; 10:05-1030, Capitol theater organ.
WWJ, Detroit, Mich. (352,7m-850kc), 6 p. m., dinner concert; 7:30, Goldman band concert; 9, Detroit News orchestra.

Central Standard Time Stations CKY, Winnipeg, Can. (384.4m-780kc), 11 p. m., Capitol theater revue. KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m.,

itol theater revue.

KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., old-time tune night.

KFNF, Shenandoah, Iowa (461.3m-650kc), 7 p. m., concert; 8, poultry talk.

KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m., Corey and Carl.

KOIL, Council Bluffs, Iowa. (305.9m-980kc), 6 p. m., Evangeline Higgins; 7:30, Lyric serenaders; 9, Radio Jazz orchestra; 10, Barnyard Twins.

KTHS, Hot Springs, Ark. (374.8m-800kc), 9:10-9:40 p. m., Charles Garden, saxophonist; Clyde Foley, tenor; 9:40-10, Lawson Reid, organist; 10-10:30, dance concert, New Arlington hotel orchestra.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Allene Patterson Duff, contralto; 9:30-11, Grapevine Fiddle band; 11-12, musicale.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., St. Paul Hotel concert orchestra; Eleanor Poehler, soprano; 7:30, Radio Scouts' hour; 8, WEAF; 9, Scandinavian ensemble; Edith McDonald Carpenter, soprano.

MeAF; 9, Scandinavian ensemble; Edith McDonald CaAenter, soprano (14), Mo. (365.6m-820kc), 6-7 p. m., Nelle Snead; address, Samuel Carver; Harry Frank, Nelle Snead; address, Samuel Carver; Harry Frank, Nelle Snead; 6-9, MEAF; 11:45-1, Charlie Straight's Brants, 6-9, MEAF; 11:45-1, Charlie Straight's Earl Wickeman's order of the Straight's Brants, 16-1, Mear (15), Mear (16), Mear (16

DANCING

DANCING
Central Time
Saturday
9, Mebh, Wiaz, Wmbl
Wnyc, Wrec; 9:10, Kth
Wip; 9:30, Kths, Wgb
Wor, Wre; 10, Kmo
Kfwa, Koa, Kpo, Wea
Wgn, Wiaz, Wir, Wkr
Wmca, Wnyc, Wor, Wq
Wreo, U10:30, Mam
10:45, Wls; 11, Kfw
Kfwb, Kpo, Webh, Wfa:
Wgbu, Who, Wjaz, Wil:
Wdaf; 12, Kgo, Kgv
Knx, Wgbu, Wjaz, Wjs
Monday

Monday

8, Wgcp; 9, Wgb
Wjar, Wor; 9:15, Wah;
10, Kths, Wgbu, Wgc
Wgr, Wnyc, Wgg; 10:1
Wor; 10:30, Wgcp, Wh
11, Kgw, Koil, Wgb
Wgcp, Wgr, Whn, Wh
Wjaz; 11:45, Wdaf; 1
Knx, Kpo,

Knx, Kpo. Tuesday
10:15, Kths; 10:30, Kth
Whn; 10:45, Wsb; 1
Kgw, Koil, Wgbu, Wh
Vjaz; 11:45, Wdaf; 1
Kgw, Khj, Khx, Kp
Wdaf, Wjaz; 1, Wql.

Wdar, Wjaz; I, Wdj.

Wednesday

9:15, Wahg; 9:30, Wba
Who, Wor; 10, Kfy
Wbap, Weaf, Wgb
Wgep, Wjaz, Wgj; 10:0
Wcce; 10:30, Wbap, Whi
II, Kmox, Kofl, Ky
Webh, Wgbu, Wgep, Wg
Whn, Wjaz; 11:45, Wda
12, Kfwa, Khx, Kp
Wjaz, Wjjd.

Wjaz, Wjjd.

Thursday

8, Wjr; 9, Webh, Wee
Wgbu, Whn, Wjr, Wmbl
Wsai, Wtag; 9:05, Wb
Wip; 9:30, Wgbs, Wg
Whn; 9:35, Wnye; 1
Kths, Wbo'n, Wee
Wgbu, Whn, Jmea, Wp
Wqj; 10:30, Kths, Wh
Webh, Webu, Whn, Wo Webh, Wgbu, Whn, Wo 11:45, Wdaf, 12, Kg Khj, Knx, Kpo, Wjjd.

Friday

8, Wwij: 9, Wcx, Web
Weel, Wgbu, Wgc
Wmbb; 9:15, Wahg; 9:3
Weau, Whn; 10, Kp
Kths, Wgbu, Wgc
Whn, Wgr, Wql.

WITH SYMPHONY PLAYERS OF KDKA



DANCING DANCING
Central Time
Saturday
Webb, Wiaz, Wmbb,
c, Wree; 9:10, Kths,
; 9:30, Kths, Wgbs,
Wrc; 10, Kmoz,
, Koa, Kpo, Weaf,
, Wiaz, Wir, Wkre,
a, Wnye, Wor, Wdi,
j, Utam; 10:95,
; 10:30, Mamd;
j, Wis; 11, Kfwa,
j, Kpo, Webh, Wfaa,
u, Who, Wjaz, Woe;
j, Kfoa; 11:45,
f; 12, Kgo, Kgw,
Wgbu, Wjaz, Wjdd.
Monday

Monday Monday
Wgep; 9, Wgbu,
Wor; 9:15, Wahg;
Kths, Wgbu, Wgep,
Waye, Wpg; 10:15,
10:30, Wgep, Whn;
Kgw, Koll, Wgbu,
Wgr, Whn, Who,
; 11:45, Wdaf; 12,
Kno.

Tuesday

5, Kths; 10:30, Kths,

10:45, Wsb; 11,

Koil, Wgbu, Whn,

11:45, Wdaf; 12,

Khj, Khx, Kpo,

6, Wjaz; 1, Wqj.

Wednesday
Wahg; 9:30, Wbap,
Wor; 10, Kfve,
9, Weaf, Wgbu,
10:30, Wbap, Whn;
Kmox, Koil, Kpo,
10:30, Wgep, Wgr,
Wjaz; 11:45, Wdaf;
Kfwa, Knx, Kpx, , Wjjd.

Thursday
Wjr; 9, Webh, Weei,
1, Whn, Wjr, Wmbb,
1, Wtag; 9:05, Wbz,
19:30, Wgbs, Wgy,
19:35, Wnyc; 10,
10:30, Kths, Whn,
1, Wgbu, Whn, Woc;
1, Wdaf; 12, Kgo,
Knx, Kpo, Wjid.

Friday
Wwj; 9, Wcx, Webh,
Wgbu, Wgcp,
b; 9:15, Wahg; 9:30,
Whn; 10, Kpo,
Wgbu, Wgcp, Wgbu, Wgr, Wqj.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, classical. WOI, Ames, Iowa (270.1m-1110kc), 7:30 p. m., "An English Boy's Experiences in Iowa," Prof. J. C. Cuminghaw

Cunningham.

WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Daniel Boone Jones, old fiddler champion.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, Elmer Duke, bass; Marvin Nichols, tenor; Robert Tucker, pianist; 10, Vito and his Radio Seven.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Foca Di Leo's Accordion symphony orchestra.

Mountain Standard Time Stations
CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m.,
CNR Little Symphony orchestra.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra; 7:30, self-expression for
children; 8, Scheuerman's Colorado orchestra; 8:15,
musical offerings, Rocky Mountain News, Denver
Times.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; 8-9, classic hour; 9-10, program, Walter M. Murphy Motors company, KPO; 10-11, program, Meiklejohn brothers.

KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Dr. Ralph Mitchell and Associated Dentists; 8-9 p. m., program, The Sealy company; 9-10 p. m., program, American Dye Works; 10-11 p. m., Warner brothers' frolic. KGO, Oakland, Calif. (361.2m-830kc), 8 p. m., educa-

KNX, Hollywood, Calif. (336.9m-890kc), 7-7:30 p. m., educational program, Pacific Palisades ass'n; 7:30-8, program by Overell's; 8-9, L. W. Stockwell company program; 9-10, Julian Pete program; 10-11, Alexandria hotel dance orchestra; 11-12, Ambassador hotel dance orchestra

orchestra, Francisco, Calif. (428.3m-700kc), 6:30-7 P.O., 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, Uda Wal-drop, organist; 9-10, Walter M. Murphy Motors company; 10-11, Mandarin Cafe orchestra.

Tuesday, August 17

tet.
11:15 10:15 9:15 8:15
WKRC (422.3m-710kc), Patty-Cake Man.
11:45 10:35 9:45
KTHS (374m-800kc), Dialect stories.
12 11 10 9
KGO (361.2m-830kc), Orpheus orchestra. Tuesday, silent night for: CFCA, CKNC, CNRC, CNRE, CNRM, CNRÖ, CNRT, CNRW, KFH, KFKX, KFUO, KOA, KOB, KTAB, KWWG, WAHG, WAMD, WBBR, WCAP, WGCP, WOR, WOS, WRVA, WSMB, WSUI, WTAM, WTIC. WFI, WCAE, WGR, WWJ, WOC, WCCO, WJAR, WTAG, WGN, WTAM, WSAI, KSD; 10, Bob Davis recalls, WEEI, WGR, WTAG, WCAE, WFI, WWJ, KSD, WCSH, WTAM; 10:15, Moment musicale, WEEI, WGR, WTAG, WCAE, WFI, WWJ, KSD, WCSH, WTAM; 10:30, Rolie's Palais D'Or orchestra, WEEI, WFI, WJ, WCAE, WGR, WTAM, KSD, WCSH; 11:30-12, Greenwich Village Innorchestra,

tra, WEEI, WFI, WWI, WCAE, WGR, WTAM, KSD, WCSH; 11:30-12, Greenwich Willage Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m. Original Melville Five; 7:30, Knickerbocker Grill orchestra, 8:15. Edna Josephs, pianist, Thomas Prytherch, tenor; 8:30, Luna's Marine band.

WEEI, Boston, Mass. (348.6m-860kc), 6:21 p. m., George Joy and Nell Cantor in popular songs; 8. Salon concert, New York; 8:30, WEAF, WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, WEAF; 10:30, Adelphia Roof Garden orchestra; 8, WEAF; 10:30, Palais D'Or orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, Steeplechase Pier dance orchestra; 8:30, Steel Pier minstrels; 9, Challont-Haddon Hall dual trio; 10, Emo's movie talk; 10:20, Cummins Kentuckians dance orchestra; 11, Silver Slipper club revue; 11:30, Seattle Harmony Kings.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Frank Dole; 7:20, Waldorf-Astoria roof orchestra; 8, Fforence Stern, violinist; 9, Pennsylvania Railroad hour, WRC, WGY, 10:30, Milton J. Cross, tenor; Kerth LoLoed, pianist; 10:45, George Olsen's Southern Hemisphere Cuise, WRC, WGY, 10:30, Milton J. Cross, tenor; Kerth LoLoed, pianist; 10:45, George Olsen's Leck Winc Wark, WRC, WGY, 10:30, Milton J. Cross, tenor; Kerth LoLoed, pianist; 10:45, George Olsen's Leck Winc Wark, W.Y. (340.7m-880kc), 6:45 p. m., Jack Winc Wark, W.Y. (340.7m-880kc), 6:45 p. m., Jack Winc Wark, W.Y. (340.7m-880kc), 6:45 p. m., Hotel McAlpin orchestra; 11 m., McAlpin orchestra; 10:30, Hotel Shelburne orchestra; 12 m., McAlpin orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:45 p. m., Hotel Bretton Mall string quartet; 7:30, Premier, club or-

Hotel McAlpin orchestra; 12 m., McAlpin orchestra.

WOR, Newark, N. J. (405.2m.740kc), 6:45 p. m., Hotel
Bretton Mall string quartet; 7:30, Premier club orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Donald
H. Baker, organ recital; 9:45, Jimmy Caruso's
frolic; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight
Saving Time Stations
KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m., sacred
song concert, Jean McCrory Newman, contralto; Vincent Kroon, tenor; 10:35, concert, Grand theater.

cent Kroon, tenor; 10:35, concert, Grand theater.
KYW, Chicago, III. (535.4m-560kc), 5:30 p. m., dinner
concert, Congress hotel; 6, music hour; 7, American
Farm Bureau federation; 8-9:30, classical concert;
9:30-11, Congress Carnival, Art Linick, Eddie and
Fannie Cavanaugh.
WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30
p. m., dinner orchestra; 7:30-8, Mandolin orchestra;
8-9, George Bolek, pianist; Katharine Whitelock,
violinist; 9-10, City Park orchestra of Baltimore.
WBBM, Chicago, III. (225.4m-1330kc), 5:15-6 p. m.,
recital, Eddie Hanson at the Barton organ; 8-9:30,
Melody hour, staff artists; 9:30-10, Moss covered
melodies; 10-11:30, Variety hour, Lee Sims, Smith
Howard Osburn's Vanify Fair cafe orchestra.
WBZ. Springfield, Mass. (333.1m-900kc), 6 p. m.,

Howard Osburn's Vanity fair care orchestra. WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Hotel Kimball trio; 6:33, Copley Plaza orchestra; 8, Russian Balalaika orchestra; 8:30, Copley dance orchestra; 9, Helen Virginia Cain, contralito; 9:30, MacBurquacks, WCX, Detroit, Mich. (516.9m-580kc), 6 p. m. Goldkette ensemble; 8-10, Detroit symphony orchestra; 10, Red Apple club.

WCX, Detroit, Mich. (516.9m-580kc), 6 p. m. Gold-kette ensemble; 8-10, Detroit symphony orchestra; 10, Red Apple club.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9:30, Dodge Brothers concert band; 9:30-10, studio program.
WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt's Punch and Judy; 6:45-7, Drake concert ensemble, Blackstone string quintet; 8-9, Eveready hour; 9-10, Great Moments from Grand Opera; 10-10; 5 m. 'n' Henry; 10:10-11, musicale.

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 8 8 8 12:30 p.m. 1:30 12:30 11:30 10:30 8 13:40 461.3m-650kc), Farm talk, Agricultural aid. WMAQ (447.5m-670kc), Prairie Farmer farm talks.
2:45
1:45
12:45
11:45
10:45
2:45
WOI (270.1m-1110kc), Questions and answers on Horticulture, 3:45
8:45
WSM (282.8m-1060kc), Poultry talks, 9
WOS (440.9m-680kc), Livestock questions and answers, 6:30
8:30
7:30
6:30
5:30 answers.
9:30 8:30 7:30 6:30 5:30
WMC (499.7m-600kc), Farm talk.
10 9 8:30 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.
2:15 1:15 12:15 11:15 10:15

WCC0 (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. 9:33 8:33 7:33 6:33 5:33 KYW (535.4m-560kc), American Farm Bureau Federation.

10:30 9:30 8:30 7:30 6:30 KOA (322.4m-930kc), Farm question box.

Wednesday

Atlantic Eastern Central Mountain Pacific
1:45p.m. 12:45 11:45 10:45 9:45

WMAQ (447.5m-670kc), Prairie Farmer farm
talks. talks. 130 12:30 11:30 10:30 1

Thursday

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 2:15p.m. 1:15 12:15 11:15a.m. 10:15

WCCO (446.4m.-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

 Saturday

 Atlantic
 Eastern
 Central
 Mountain
 Pacific

 2 p. m.
 1
 12 n.
 11
 10

 KFRC
 (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
 11:30
 10:30

 KMA
 (461.3m-650kc)
 Agricultural aid.
 11:45
 10:45

 WOI
 (270m-1110kc)
 Soils, questions and answers.
 9 8 7 6 5 KDKA (309.1m-970kc), Farm program.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., "The Wonder Story of Steinmetz"; 6:45, WJZ; 7:30, WJZ; 8, WJZ; 9-9:30, "Australia." WHT, Chicago, III. (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.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 12, midnight jamboree. WJAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips That Pass in the Night; Helen Jackson, pianist; Frank Mason, violinist; Joan Miller, contralto.

tralto.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Glover

Watson old-time dance orchestra; 8, Detroit symwatson out-the table phony orchestra. WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., Eugene Perazzo, organist; 11, Al Kirschner, pianist; 11:15, Chubby Bieber, Patty-Cake Man; 11:30, 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.

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), 6:45 p. m., Maurie Sherman's College Inn orchestra; 7:20, Prof. E. Fraziet, reader; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:20, Howard Melaney, tenor; 8:30, popular music.

WLW. Cincinnati, Ohio (422.3m-710kc), 7 p. m., Johanna Grosse, organist; 7:30, Castle Farm dinner music; 8:15, Crosley Burnt Corkers; 9, Formica Symodo, or chestra (447.5m-670kc), 6:30 p. m., orchestra (435, swimming lesson; 8, book review, Keith Preston; 8:20, Architect's Small House service bureau; 8:40, Whitney trio; 9, Mae Dowling Schmidt, planist; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes, WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Ye Olde Tyme Songe Feste, Roy Clark, Sally Simpkins, Jim Forshey, Claude Lee, Beth Garrison, Van Wyck's instrumental quartet; 9:45, Melissa Dvorak, pianist; 10:05, studio program.

WOJ. Chicago, Ill. (447.5m-670kc), 7-8 p. m., dinner concert; 10-2 a. m., violin quartet; T. N. Coffee, tenor; Frank Blasco, boy tenor; Muriel Olsen, blues singer; Ray Hibbeler, tenor; Romo Vincent, boy baritone; Sophia Kasmir.

WREO, Lansing, Mich. (225.5m-1050kc), 6-7 p. m., dinner hour of music; Speed-Wagon serenaders; Gold Standard ensemble; 8:15-9:45, band concert natural amphitheater.

WSAI, Cincinnati, Ohio (325.5m-920kc), 7 p. m., WJZ; 7:30, Charles H. Partington, accordionist; Ray Lombardi, baritone; 8, Eveready hour; 9, Maids of Melody; Lola Bruce, pianist.

WSWS, Chicago, Ill. (275.m-1090kc), 8-9 p. m., Truman Agland, pianist; Delores Diazavado, Spanish songs; Georgis Gray, Terrace Garden orchestra, Henri Therrien, Watter Dyckman, Jean St. Anne, baritone; Illona Kincz, songs; 10-11, Hugh Aspinwall, Georgis Gray, Mathews sisters, harmony; Zola Haynes, pianist; Terrace Garden orchestra; 12-1, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudeville and music; 7, Salon concert from WEAF;

Central Standard Time Stations

Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m.-880kc), 8:05-10:30 p.m.,
University of Nebraska.
KFNF, Shenandoab, Iowa (461.3m-650kc), 7 p. m.,
mixed program, Helen Turnbull.
KMA, Shenandoab, Iowa (461.3m-650kc), 9-11 p. m.,
May's Mandolin musicians.
KOIL, Council Bluffs, Iowa. (305.9m-980kc), 6 p. m.,
program, Warner Brothers Pictures; 7, Izaak Walton
league; 7:30, studio program; 11, Tillie's Bon-Ton
serenaders.
KTHS, Hot Springs National Park, Ark. (374.8m800kc), 9:10-9:45 p. m., New Arlington hotel orchestra; 9:45-10, comedy songs and dialect stories, ComAl Reynolds.
WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30
p. m., Clyde Massengale, baritone; Florence Massengale, pianist; 9:30-11, Wagoner Hawaiian trio.
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc),

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:30 p. m., WEAF; 8, Ruth Lewis ensemble; Tenie Murphy O'Shea, soprano; 9, "Sayonara," song

cycle, Beulah Lockwood Durfee, soprano; J. Otto Jellison, tenor.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., address, Mrs. Henry Cohen; 11:45-1. Charlie Straight's Brunswick recording orchestra; Earl Coleman's orchestra; Harry Frank, organist.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Honey Boys orchestra; 8:30-9:30, Fred J. Wilcox, pianist; Mrs. H. Stanley Staveley, singer; 11:12, limmy Joy's orchestra.

WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., Journal musical program; 8, musical novelties.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., dinner hour program, orchestral selections; 8:30, Wisconsin theater review.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8:30 p. m., Music Box extension studio; 8:30-9, Louis Wegert, zither soloist.

WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., Fourteenth Cavalry band.

WHO, Des Moines, Iowa (526m-570kc), 7:30-9 p. m., Fourteenth Cavalry band,
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., musical program; Il, Britling's Cafeteria orchestra. WOAI, San Antonio, Texas (394.5m-760kc), 8:30 p. m., Gebhardt Mexican players.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, program, George H. Lee company; 10:15, WOAW Radio Movie club. WOC, Davenport, Iowa (483.6m-620kc), 6:30-7 p. m., WEAF; 7-3, WEAF; 8-9, Fourth band concert; 9-9:30, Tom Thumb and the Merry Old Chef.
WSM, Nashville, Tenn, (282.8m-1060kc), 8 p. m., studio program.

dio program.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m.,
Building and Loan ideas; 9, Knights of Pythias
concert.

Mountain Standard Time Stations
CNRR, Regina, Can. (312.3m-960kc), 8 p. m., McQuarrie's concert orchestra; Pragnall trio.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations
CNRV, Vancouver, Can. (291m-1030kc), 9 p. m., Mr. and Mrs. James Peter Fergusson, Ann Lochead, soprano; Walter Wright, bass; one-act play, "The Monkey's Paw"; 10:30, Cabaret Belmont orchestra.
KFI. Los Angeles. Calif. (467m-642kc), 7-8 p. m., KFI. Monkey's Paw"; 10:30, Cabaret Belmont orchestra.

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m.,

Virginia ballroom orchestra; Parks sisters in vocad

duets; 8-9, screen artists' string quartet; 9-10, studio
program; 10-11, Packard Radio club.

KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m.,
program, Morris and company; 8-10 p. m., studio
feature program; 10-11, Warner brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m.,
Bem's Little Symphony orchestra; 8-9, Eveready
program, California male quartet; 9-10, Pilgrims.

KGW, Portland Ore. (491 Sm.60kc), 6-7 p. m. dimon

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-10, "Crater Lake National Park," R. W. Price; 10-12, Herman Kenin's dance orchestra; Curt Kramer, pianist.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., weekly visit, Queen Titania and the Sandman; 8-10, varied musical program; 10-11, L. A. Ry. dance orchestra.

man; 8-10, varied musical program; 10-11, L. A. Ry, dance orchestra.

KNX, Hollywood, Calif. (336.9m-890kc), 7-7;45 p. m., program, John A. Vaughn corp.; 7:45, health talk; 8-9, Builder's Finance ass'n program; 10-11, Edgewater club; 11-1 a. m., 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, Gypsy and Marta; 10-11, orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour, Adolf Tandler ensemble, George Frenger, tenor.

Wednesday, August 18

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:30 7:30 6:30 5:30 4:30

WIZ (454.3m-660kc), WGY (379.5m-790kc), New York Philharmonic symphony orchestra. 5

KDKA (309.1m-970kc), Allegro Mandolin sextet. 9:30 8:30 7:30 6:30 5:30

WIS (344.6m-870kc), U. of Chicago choir. 6

WEAF (491.5m-610kc), WRC (468.5m-640kc), WIAR (305.9m-980kc), WESH (286.5m-170kc), KSD (545.1m-550kc), "The Grand Duchess."

WCCO GIVES "SAYONARA" SONG CYCLE

Wednesday, August 18

10 9 8 7 6
WHO (526-570ke), Winning fite and drum corps,
Spanish War Veterans.
WOS (440.9m-680ke), Gondoliers.
11 10 9 8 8 7
WCCO (416.4m-720ke), Russian art troupe.
11:15 10:15 9:15 8:15
KOA (322.4m-930ke), 103d Division.

Wednesday, silent night for: CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRY, KFXF, KGO, KLDS, KMMJ, KOIL, KPSN, KTAB, KWC, WABQ, WBAL, WBAP, WBBR, WCBD, WFAA, WGBF, WGBS, WGCP, WHAR, WIP, WJAZ, WMC, WOAW, WPG, WRC, WRR, WSUI,

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 8 p. m., Chateau Laurier concert orchestra; 9, orchestra; National Male quartet; Chateau Laurier dance orchestra. WCAU, Philadelphia, Pa. (277.6m-1080kc, 7:30 p. m., recital; 8, Melrose concert quartet; 8:30, recital; 9:40, Senator Hassenpfeffer; 9:45, Frank Cook, old-time songs; 10, Artie Bittong's Cheer-up club.

time songs; 10, Artie Bittong's Cheer-up club,
WEAF, New York, N. Y. (491.5m-610kc), 6 p. m.,
dinner music; 7, United Synagogue of America; 7:30,
U. S. Army band, WEBI, WTAG, WCAF, KSD,
WJAR, WGR, WCAE, WWJ, WSAI; 8:30, Davis
Saxophone octet, WOO, WJAR, WCAP, WCAP,
WSAI, WREI, WTAM, WTG; 9, Ipana Troubadours,
WEBI, WCAP, WOO, WWJ, WLIB, WCCO, WOC,
WGR, KSD; 9:30, South Sea Islanders, WEBI,
WGR, WOO, WCAE, KSD, WTAG; 10, "Grand
Duchess," light opera company, WCAP, WJAR,
WEEI, WCAE, WCSH, KSD; 11-12, Pelham Heath
lnn orchestra.

WEBJ, New York, N. Y. (272.8-1100kc), 8 p. m., Karl Weiss Peasant band; 8:45, Ben Ruty, Michael Savino, guitar duets; 9, Len Saxon, tenor; 9:15, W. G. Rietz, songs; 9:30, Darling operatic quartet.

WEEI, Boston, Mass. (348.6m-860kc), 7:30 p. m., U. S. Army band, New York; 8:30, Davis' Saxophone octet; 9=m. Ipana troubadours; 9:30, South Sea Islanders; 10, musicale.

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

WGBS, New York, N. Y. (315.6m-950kc), 6 p. m., Uncle Geebee; 6:30, Fess Williams' Savoy dance

orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 8, Imperial Imps; 8:30, Stadium Philharmonic concert; 10:20, Erva Giles, soprano; 10:30, Hotel Astor roof orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 8:30, Progress Paint co. entertainers; 9, E. A. White Radio hour; 10, Arcadia cafe dance orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:15 p. m., Eastman theater, WGY; 8:15-9, musicale; 9-10, musicale, Pearce and Pearce.

9-10. musicale, Pearce and Pearce.

9-10. musicale, Pearce and Pearce.

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m.,
Ernie Golden and his Hotel McAlpin orchestra; 7:30,
Tappen's orchestra; 8, Monte Carlo by-the-Sea orchestra; 10:30, Colonial Inn orchestra; 11, Jack
Denny's orchestra; 11:30, Club Brighton orchestra;
12 m., McAlpin entertainers.

WOR, Newark, N. J. (405.2m-740kc), 6:15, p. m.,
Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill
Wathey, sports; 7, Jacques Jacob's Hotel Shelton
ensemble; 7:45, Spencer Armstrong, "Topics of the
Day'; 8, Newark Philharmonic band; 9, French Line
program; 9:45, Monterey Society orchestra; 10:30,
special feature; 10:45, Monterey concert quinter;
11:15, Ben Bernie's Berkeley-Carteret orchestra.

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

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dance orchestra; 8:30, Davis Saxophone octet; 9, Japan Hour; 9:30, South Sea Islanders; 10, Fox theater concert; 10:30, Sam Brown's dance orchestra; 11, dance music.

Eastern Standard or Central Daylight Saving Time Stations

KDKA, Pittsburgh, Pa. * (309.1m-970kc), 6:40 p. m.,

Radio entertainment company; 7, Hermes-Grove playtime; 8, Allegro mandolin sextet, PWX, Havana, Cuba. (399.8m-750kc), 8:30-11 p. m., military band music.

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner concert; 6, Chicago Evening studio concert; 8-9:30. classical concert; 9:30-11, Congress Carnival.

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.

staff artists; 12, The Nutry club.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m.,
Bert Nolan's Musical Mirth Makers; 7:30, Radio
nature league; 8, Barnstormers; 8, Hotel Westminster orchestra; 9, Albert D. Edwards, baritone,
Kathryn V. Horahan, soprano; 9:30, Eliot malte

Kathryn V. Horahan, soprano; 9:30, Eliot malte quartet.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Mrs. Charlie A. Waller; Bob Houts, baritone; WGHP, Detroit, Mich. (270m-110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9, Campers' half hour; 9-10, WGHIP ensemble and soloists.

WGN, Chicago, Ill. (392.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone String quintet; 8:30-8:45, Tripoli trio; 8:45-10, Arabian Nights' entertainment; 10:10, Music Box; 10:20, studio program; 10:30, Party.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Eastman theater orchestra; 7:30, New York Philbarmonic symphony orchestra; 7:30, New York Philbarmonic symphony orchestra; 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.

10.30-1, (399.8m-750kc), Al and Pat; Riverview orchestra, III. (225.4m-1330kc), 6-8 p. m., dinner concert; 10-12, popular program, vocal selections, Alexander Nakutin studio; program for Captain Donald B. MacMillan, studio; program for Captain Donald B. MacMillan, studio; program for Captain Donald B. MacMillan, 516.3m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:45, Good Will Oakland; 8, Detroit symphony orchestra; 11, Murphy Brothers, organists; 12, Merry Old Chief, Jewett Radio Jestershio. (422.3m-710kc), 6 p. m., Erwin Reed's Garden of Allah orchestra; 8:15, orchestra; 9, Everiresh hour; 12, Lookout House orchestra.

orchestra.
WLIB, Chicago, III. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, Partison Coates, baritone; Edward Barry, pianist; 7:50, Auld Sandy; 8, WEAF; 12:30-1,

Barry, pianist; 7:50, Auld Sandy; 8, WEAF; 12:30-1, Ambrose Larsen, organist.
WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Meigard, oraganist; 6:45, College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:30, U. of Chicago choir; 8:45, WLS Barbershop; 9, WLS trio; 9:30, Harmony team; 9:45, Marie Sherman's College Inn orchestra; 10, popular music; 11, special program.
WLW, Cincinnati, Ohio. (422,3m-710kc), 7 p. m., Hotel Gibson orchestra; 7:30, "Ohio's New Wheat Crop," Morris Maney; 10, "Pink of Programs;" 11, Page's Royal Elk syncopators.
WMAQ, Chicago, Ill. (447,5m-670kc), 6:50 p. m., Jack Chapman's orchestra; 8:30, Whitney trio; 9, Hilda Eppstein, pianist; 9:30, Jack Chapman's orchestra.

chestra.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., 16-fingered Paul, Moke Marrin, Helen Neuman, Jim Forshey, Ruth Glaser, Pearl Knudson, Sid Goldman, Ramona Gardens orchestra; Van Wyck's instrumental quartet; 10:05, Paul Estabrook.

WQJ, Chicago, III. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; William Matti, baritone; Henry Weise, violinist; 10-2, First National violin quartet; Sophia Kasmir; Lamb Sisters; Jerry Derr, tenor; Joe Warner; Joe Verges; Flo and Ray. WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Dinner hour of music; Gold standard ensemble; Speed-Wagon serenaders.

WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., piano recital; 9:10, hymns in song and story, Holland Wilkinson; 9:45, Hamilton M. Baskerville. WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m.,

WSAI, Cincinnati, Ohio (325.9m-220kc), 7 p. m., WEAF;
WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Zola
Haynes; Hugh Aspinwall, readings; Georgia Gray;
Terrace Garden orchestra, Hemi Therrien, tenor;
Eleanor Wendt, soprano; 10-11, Hugh Aspinwall,
Georgia Gray, violinist; Jack Goodwin; 12-1, Witching Hour.
WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m.,
Hotel Cleveland orchestra; 7:30, Davis Saxophone
octette from WEAF; 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.,
Bill Jones Capitol theater orchestra; 8, Travelers
Jongleurs and 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,
WEAF; 8:30, Detroit News orchestra;

Thursday, August 19

Headliners Today

Atlantic Eastern Central Mountain Pacific 6

KDKA (309.1m-970kc), "On the Boardwalk, Atlantic City."
9:15 Tic City."

9:15

7:15

8:15

7:15

8:30

7:30

8:30

7:30

WHAD (275m-1090kc), Misuaukee Tour club, WoAI (394.5m-760kc), Mistletoe Melody Maids, 11

10

8

WGY (379.5m-790kc), Harmony Twins, WQJ (447.5m-670kc), Sylvian Four,

Thursday, silent night for: CKNC, CNRA, CNRE, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFH, KFOA, KFUO, KMOX, KOA, KOB, WAHG, WAMD, WCAP, WEAO, WEBJ, WGBF, WHAD, WMAK, WOOD, WOR, WOS, WSM, WSUI, WTAM.

Time Stations CKNC, Toronto, Can. (356.9m-840kc), 8 p. m., Charles E. Bodley and his dance orchestra; CKNC male quartet. Atlantic or Eastern Daylight Saving



Central Standard Time Stations

KFAB, Omaha, Nebr. (340.7m-880kc), 8:30-10:30 p. m., old time tune night. KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., con-

Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., l musical program.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., Southern ballads, folk songs, New Arlington hotel orchestra; John G. Heyn, pianist.

WAMD, Minneapolis, Minn. (244m-1230kc), 7:15 p. m., James Rhodes Harper, violinist; Helen Kykendall, soprano; Grace Robertson Heising, pianist; 8, "Korea," G. L. Morrill; 10, Gould Banjo club; 11, Skyrocket frolic.

Skyrocker from:
WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc),
7 p. m., WEAF; 7:30, Radio Scouts' hour; 8, St.
Paul's Norwegian Lutheran church; 9, Russian Art
Troupe and orchestra.

Troupe and orchestra.

WDAF, Kanasa City, Mo. (365.6m-820kc), 6-7 p. m.,
Charlie Straight's Brunswick recording orchestra;
8-9. Charlie Straight's Brunswick recording orchestra;
11:45-1 a. m., WDAF Plantation Grill studio.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m.,
Wisconsin theater organ recital; 8, band concert;
11:30, organ recital.

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

11:30, organ recital.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Joe Hillebrand and his orchestra.

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; 8-9:30, Four Horsemen; Winning Fife and Drum corps, Spanish War Veterans contest.

WOC, Davenport, Ia. (483.6m-320kc), 7-7:30 p. m., WEAF; 9:30-10:30, Erwin Swindell, organist.
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Gondoliers.

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

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 7:30, Wynken, Blynken and Nod; 8, Scheuerman's Colorado orches-tra; 8:15, 103rd Division, U. S. army.

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291m-1030kc), 10-11 p. m. Cabaret Belmont orchestra. KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m., Westerland trio; 7:30, Nick Harris detective story; 8-9, program, California Petroleum corp.; 9-10, Varied program; 10-11, Chas, Beauchamp, tenor and

others.

KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Corduroy Tire Stores, Inc.; 8-9, program, Music Arts building; 9-10, Warner Brothers Syncopators; 10-11, Warner Brothers frolic, KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner convert; 8-9, concept.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, concert; 8-10, p. m., children's hour with Uncle John; 8-10, p. m., children's hour with Uncle John; 8-10, p. m., grant's Elite dance orchestra.

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

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30-9, program, Atwater Kent artists; 9-10, Clift hotel dance orchestra; 10-11, States Restaurant orchestra.

"The Virginia Girl" and her Spanish guitar appear regularly at WGHB, Clear-water, Florida. Her real name is Caro-line Lee. Mabel King, left, is a con-tralto who entertains at KDKA.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Cathay dance orchestra; 7:30, Snellenburg symphony orchestra; 8, recital; 8:15, Josh Saddlers orchestra; 8, 15, Josh Saddlers orchestra; 8, 15, Josh Saddlers orchestra; 9, The Musical Cheis; 9:45, Professor Doolittle; 10, recital; 10:15, Miriam Cohen, violinis; 10:30, Odd Fellows' male quartet.

KEAF, New York, N. Y. (491.5m-610kc), 4:12 mid., tea music, mid-week hymn sing; Meyer Davis' Park Lane orchestra; serenaders; Clicquot Club Eskimos; Silvertown Cord orchestra; Greenwich Village Inn orchestra.

orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 8 p. m., The Serenaders, New York; 8:30, orchestral recital, New York; 9, WEAF,
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, The Serenaders; 8:30, orchestral concert; 9, Clicquot Club Eskimos; 10, Silvertown Cord cortestra.

WGBS, New York, N. Y. (315.6m-950kc), 6 p. m., Uncle Geebee; 6:30, Vincent Sorey concert trio; 7:20, Sorey trio; 7:30, "The Independent," What the World Is Doing; 8, George Hall and his Royal Arcadians; 8:45, music; 10, George Hall and his Royal Arcadians; 8:45, music; 10, George Hall and his

Arcadians; 8:45, music; 10, George Han.

Royal Arcadians.

WP. Philadelphia, Pa. (508.2m-590kc), 6:05 p. m.,

Benjamin Franklin concert orchestra; 7, Unde Wrijs

bedtime stories; 8, concert Sesquicentennial; 9, Hotel

Traymore concert orchestra; 9:30, Hotel Ambassador concert orchestra; 9:30, Hotel Ambassador concert orchestra; 10, Steeplechase Pier dance

orchestra; 10:30, George Olson's dance orchestra;

11, Fry's dance orchestra; 11:30, Silver Slipper

Supper club dance orchestra; 12; organ recital, Jean

Weiner.

Supper club dance orchestra; 12, organ recital, Jean Weiner.

WIZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 7:40, Judge, Jr.; 7:55, United Press sporting news; 8, Voice of the Silent Drama, "Duchess of Buffalo," WRC; 8:30, U. S. Marine band from WRC, WGY, WBZ; 9:30, Royal Typewriter Salon orchestra, WGY, WRC; 10:30, The 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; 9:30, Columbia Park entertainers; 10, Shelhurne Hotel orchestra; 10:30, Colonial Inn orchestra; 11, Ernie Golden and his Hotel McAlpin orchestra; 12 m., McAlpin entertainers.

tainers.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey, sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Oreste's Queensland orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Arthur Pryor's band; 9:45, studio program; 10, Chateau Baltuerol orches-

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

Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

KDKA, Pittsburgh, Pa. (308,1m-970kc), 8 p. m., "On the Boardwalk, Atlantic City," symphony players; 10:15, Flotilla club, KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., music hour, Chicago Evening American studio; 7, Twenty Minutes of Good Reading, Rev. C. J. Pernin; 7:30-8, musicale; 9:30, classical; 9:30-11, Congress 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; John Wilburn, tenor; 9-10, WBAL dance orchestra, 7:30-8, WBAL, mixed quartet; 8-9, WBAL trio; John Wilburn, 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 p. m. Hotel Kimball trio; 6:33, Hotel Lenox ensemble; 7:30, U. S. Marine band; 8:30, Mina Del Castillo, pianist; 9, Corriene Wagoner, violinist; 9:30, Fireside Boys.

WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., dinner program, Goldkette ensemble; 8, Detroit symphony

orchestra,

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 10-11, WGHP frolickers; 11-12, Skylark dance band and soloists.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble; Blackstone string quinter; 8-9, WEAF; 10, Sam 'n Henry; 10:10 Music Box; 10:20, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., Gertrude Winkler, pianist; 7:30, WRC; 8:30, WJZ; 9:30, Francis Jones, violinist; 10, Harmony Twins; 10:30, Stephen E. Boisclair, organist; WHT, Chicago, Ill. (399.8m-750kc), 7-8:30 p. m., A1 Carney, organist; 8:45 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (399.8m-750kc), A1 Carney, organist; Billy Alan Huff, popular songs; Little Joe Warner, character songs; A1 and Pat, WIBO, Chicago, Ill. (225.4m-1330kc), 6:8 p. m., din-

and Pat.
WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner concert; 10-12, midnight jamboree.
WJAZ, Chicago, III. (329.5m-910kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; Henrietta Nolan, violinist; Harold Flamm, baritone; Jacob Hannemann, pianist.

WJAR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:30, Ide and Meginnity; 8, Detroit symphony orchestra.

and Meginnity; 8, Detroit symphony orchestra.

WKRC, Cincinnati, Ohio (422.3m-710kc), 8 p. m., Swiss Garden frolic; 8:30, popular songs, Merrell Schwarz, Bert Lindsay, Kern Aylward, Abe Farb.

WLIB, Chicago, III. (302.8m-990kc), 7 p. m., Millionssing; 7:05, Old Fashioned Almanack; 7:15, dimner music; 11-11:20, Correll and Gosden; 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

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, College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:20, vocal music; 8:30, Music Moods, Donald F. Malin.

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson orchestra; 10, Castle Farmers; 10:20, Al Kirschner, Pep Golden; 10:40, Irene Downing, Sentimental Tommy Reynolds; 11, Castle Farmers; 12:15, Crosley Sky-terriors.

WMAQ, Chicago, Ill. (447.5m-670kc), 6:30 p. m., Jack Chapman's orchestra; 6:45, swimming Jesson; 8, Jack Chapman's orchestra; 8:30, Maren Johansen, soprano; 9, Marion and Stella Roberts; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes.

WJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., R. G. Ball, baritone; Crystal Eaton Taylor, soprano; Earle Raymond Bigellow, piamist; 10-2, Sylvian Four, Harry Gelse; Little Marie Wright; Goldie Gordon, violinist; Rosemary Hughes, soprano.

WEEO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m. Dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble. 8:15-9:45, WREO concert orchestra and vocal solos.

WVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., chimes, St. James Episcopal church; 9:15, Grotto Band.

WSAII, Cincinnati, Ohio (325.9m-920kc), 7 p. m.,

band. WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF.

Central Standard Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 9-10 p. m., John Harper and his orchestra, KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., Loyal

KÉNE, Shenandoah, la. (461.5m-0504c.), p. m., Friend S. S. class.
KLDS, Independence, Mo. (449.9m-680kc), 8 p. m., Arthur D. Young, baritone, Lillian Evans, contralto; Lyra Ferguson, reader; Norma Troje Miller, violinist; Paul Johnson, tenor; Marian Morast, soprano; Mrs. Edith Hon, pianist; Parri Brothers, Hawaiian music.
KOIL, Council Bluffs, Iowa. (305.9m-980kc), 6 p. m., program, May Seed and Nursery company; 7, Albert Mayaguist: 8. Lion's club program.

KOIL, Council Biults, lowa. (2003-Min-Scounc), o p. m., program, May Seed and Nursery company; 7, Albert Newquist; 8, Lion's club program.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., opera themes, Lawson Reid; 9:30-10, varied program, KTHS staff artists.
WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., musicale, Trinity Park; 9:30-11, Bob Sweeney, A. P. Holbrook; 11-12, Will Foster, organist.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., address, Louis Mecker; Jack Riley's orchestra; 11:45-1, Charlie Straight's Brunswick recording orchestra; Earl Coleman's orchestra; Harry Frank, organist.

organist.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,

Jimmy Joy's Baker hotel orchestra; 8:30-9:30, G.

Jimmy Joy's Baker hotel orchestra; 8:30-9:30, G. Haydin Jones, tenor, total Jones, tenor, the Haydin Jones, tenor, which was the Jones, tenor, which was the Jones tenor, which was the Jones to the Jones Haydin Jones, tenor, which was the Jones Haydin Jones, 18:30, dassical studio program, orchestral selections; 8:30, dassical studio program, which was the Jones Haydin Jones Haydi

Plowboys.

WOI, Ames, Ia. (270.1m-1110kc), 7;30 p. m., "Chemistry as a Factor in Education and Industry," Prof. W. F. Coover; 7:45, farm program.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m., Bible class; 9, old fashioned musicale.

Mountain Standard Time Stations

CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m., Little Symphony orchestra.

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

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291m-1030kc), 10-11 p. m., Cabaret Belmont orchestra.

KFI. Los Angeles, Calif. (467m-642kc), 7-8 p. m., Radio Boys' orchestra; Geo. O'Hara and uke; 8-9, KFI drama hour; 9-10, program of classical music; 10-11, Patrick-Marsh dance orchestra, Betty Patrick solicist

10-11, Patrick-marsh dance officers, soloist.

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

KGO, Oakland, Calif. (361.2m-830kc), 8-9 p. m., vacation program; Ruth Linrude, soprano; Harmony

KGO, Oakland, Calif. (361.2m-830kc), 8-9 p. m., vacation program; Ruth Linrude, soprano; Harmony Hic Parker; Fishin' Jim Pike; WOW male trio; 9-12, Phil Lampkin's Musical Bears.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, Zoellner string quartet; Harriet Andrews, soprano; 10-11, Heffner's Sunnyland Seven.
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, Edgewater 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, Fairmont hotel orchestra; 8-9, studio program; 9-10, Kane's Hawaiians; 10-11, Mandarin Cafe dance orchestra.

ROMANTIC MUSIC OF INDIA AT CNRM

Friday, August 20

Headliners Today

Atlantic Eastern Central Mountain Pacific 7:45 6:45 5:45 4:45 3:45 WTIC (475.9m-630kc), "Little Johnnie Sees the Judge."

Judge," 8 7 6 5 144
WEEI (348.6m-860ke), Patrick Gaffney, fidder, 8:30 7:30 4:30
WBAL (245.8m-1220ke), WBAL jubilee singers, 9:30 8:30 7:30 6:30 5:30
WMAQ (447.5m-670ke), Whitney trio, 10:30 9:30 8:30 7:30 6:30
WCCO (416.4m-720ke), Cumberland Boys' band, WLS (344.6m-870ke), Silvertone artists series.

Friday, silent night for: CFAC, CKAC, CKNC, CKY, CNRC, CNRM, CNRO, CNRR, CNRW, KFXF, KLDS, KPRC, KPSN, KWWG, WBBR, WCAD, WCBD, WGBS, WIP, WJAZ, WKRC, WLIT, WLW, WLWL, WOR, WRC, WRC, WSAI, WSMB, WSUI, WTAM.

Atlantic or Eastern Daylight Saving

Time Stations
CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Nova
Scotia Provincial exhibition concert troop; 11, or-

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Nova Scotia Provincial exhibition concert troop; 11, orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and co.; 8, Barry O'Moore, Irish tenor; 8:30, The Singing Groundhog; 8:45, Miss Bambina, piano accordionist; 9, Regina Crooners; 9:15, Nasco Jolly Four; 9:45, Willie Pierce, songs; 10, Jack Myers' Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, May Singhi Breen, banjoist; Peter De Rose, pianist; Wandering Musicians; Mabelanna Corby program; La France orchestra; Whittall Anglo-Persians; Pelham Heath Inn orchestra.

WEBJ, New York, N. Y. (22.6m-1100kc), 7 p. m., Al Becker, banjoist; 7:15, Sigmund Brunislav, tenor; 7:30, Knickerbocker Grill orchestra: 8 p. m., Jack Gaul, pianist; 8:15, Kathryn Connolly, soprano; 8:30, Luna's Marine band.

WEEL, Boston, Mass. (348-6m-860kc), 7:30 p. m., Whiting's four merry milkmen; 8, Patrick Gaffney, fiddler, Susan Peters, accompanist; 8:15, musicale; 3:30, Neapolitan girls quintette; 9, La France orchestra. New York; 9:30, musicale; 10, Whittall Anglo-Persians, New York; 10:30, Ed Andrews' Nautical 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), 7:35 p. m., Geo, Olsen's Hotel Pennsylvania orchestra; 8, West Point Thayer Hotel program; 8:30, May Singhi Shee Serenaders, Bonnie Laddies; 10, Maurice Leest String trio; 10:30, Hotel Belleclaire Tower orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Dream Daddy's bedtime stories; 8, Arcadia cafe concert orchestra; 8:15, Patterson Banjo boys; 9, Schickerling artists; 10, Morning Glory club concert; 10:30, Rufus and Rastus; 11, Freshman Masterpiece Radio hour.

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

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m. Ernie Golden and his Hotel McAlpin orchestra; 7:30, Mofite Carlo by-the-Sea orchestra;

tainers, WOR, Newark, N. J. (405.2m-740kc), 6:20 p. m., Bill WOR, Newark, N. J. (405.2m-740kc), 6:20 p. m., Bill Wathey, sports; 6:35. Hotel Bretton Hall string quartet; 7:30, Crystal Palace orchestra; 8:30, Donald H. Baker, organ recital; 10:15, Ritz-Carlton dance

orchestra.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.,
Hotel Sylvania dance orchestra; 9, WEAF; 10:30,
Sam Brown's orchestra.

Eastern Standard or Central Daylight

Saving Time Stations
KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m., Westinghouse band; Grace Elcote, soprano; Marie Beals

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m., Westinghouse band; Grace Elcote, soprano; Marie Beals Vance, contraito
KYNCE, Chicago, III. (535.4m-560kc), 5:30 p. m., dinner music; 6, Chicago, Evening American; 7, Federal Master artists; 9:30-11, Congress carnival.
WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30
p. m., WBAL dinner orchestra; 7:30-8, WBAL, Patthies singers; 8-9, musical program; 9-10, Municipal band of Baltimore.
WBBM, Chicago, III. (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 p. m., Ho-tlen Bressen, ukutele program; 8:15, Irene Simpson Rommel, pianist; 8:30, Wanderers; 9, Julia Cullinane, saxophonist; George Seabers; banjo-mandolin; Anne Cullinane, accompanist; 9:30, Hotel Brunswick orchestra.
WCX, Detroit, Mich. (516.9m-580kc), 6 p. m., Gold-dance music.
WGHB. Clearwater, Fla. (265.3m-1130kc), 8:30-10

kette ensemble; 8, Detroit sympnon, orcacerd, dance music.
WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10
p. m., Frederick Hubbard, organist; Mrs. Ethel Morand Weber, soprano; Mrs. Maude Sheridan, con-

p. m., Frederick Hubbard, organist; Mrs. Ethel Morand Weber, soprano; Mrs. Maude Sheridan, contralto.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 10-11, WGHP entertainers; 11-12, Skylark dance band and soloists.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, Old Fashioned Almanack; 7:15. Paul Ash; 8-9, music; 9, WEAF; 9:30, Phantom Violin; 10, Sam 'n' Henry; 10:10, Music Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Mrs. Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Mrs. Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Mrs. Box; 10:11, Mrs. Bransing, piamist; 8, Pittsfield Mass. artists; 9:30, Midnight Son's 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, 10:14 (399.8m-750kc), Al Carney, organist; Rau McFaun, soprano; Oscar Heather, tenor; Rita McFaun, soprano; Al and Pat.

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Early evening musicale; 10:12, Popular program.

WJAZ, Chicago, Ill. (325.8m-910kc), 9-12 mid. Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; Walter Levis, Daritone; Eulalie Kober, pianist.

WIR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Goldstet's Petitic symphony orchestra; 7:30, Grennan Protectors; 8, Detroit symphony orchestra; 7:30, Grennan Protectors; 8, Detroit symphony orchestra; 7:30, Grennan Protectors; 8, Detroit symphony orchestra; 10:10, Mrs. Box McBaller, 11:20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, Ill. (348.6m-870kc), 6:30 p. m., Al Catle College Lar seed bester; 7:20

ganist; Drake hotel dance orchestra; Liberty Status, ensemble.

WLS, Chicago, Ill. (344.6m-870kc), 6:30 p. m., Al Meigard, organist; 6:45, College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 9, Silvertone artists series, Glenn Drake, tenor; Charles Lurvey, pianist; 10:30, Medicine show; 11, Ralph Emerson, organist.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8, George Simons, tenor; 8:30, Whitney tro; 9, Emerson Abernethy, baritone; 9:30, Gyand Rapids, Mich. (241.8m-1240kc), 9 p. m., Van Wyck's instrumental quartet; 10:10, Ramona Radio revelry, orchestra.

Van Wyck's instrumental quartet; 10:10, Ramona Radio revelry; orchestra.

WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Otto Moore, baritone; Henrietta Nolan, violinist; Marjory Worthington, soprano; 10-2, Dr. H. Lucille Long; Flo and Ray; Romo Vincent; Muriel Olsen; Clarence Claussen, tenor; Frank Blasco, tenor; Lauretta Giles, soprano; Harry Brooker, baritone.

WREO, Lansing Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music; Gold standard ensemble Speedwagon serenaders.
WRVA, Richmond, Va. (256.3m-1170kc), 7 p. m., Golden Gate syncopators; 8:15, vocal and piano recital; 8:45, chimes; 9, Double male quartet; 10, Golden Gate syncopators.
WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Henri Therrien, Hugh Aspinwall, readings; Georgia Gray, violinist; Terrace Garden orchestra, Matthews sisters, harmony; Carol Schaus, pianist; 10-11, Hugh Aspinwall, Georgia Gray, Sid Pierson, popular songs; Terrace Garden orchestra; Ruth Boutary, blues; Zola Haynes, pianist; 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, Whitall's Anglo-Persians from WEAF; 9:30, studio program; 11, Jack Horwitz Collegian serenaders from Far East restaurant.
WTIC, Hartford, Omm. (475.5m-630kc), 7 p. m., Laura C. Gaudet, pianist; 7:15, Fiddle and Bee; 7:30, Norm Cloutier's orchestra; 9, Valconian orchestra; 9:30, WTIC's Mail bag; 9:45, Debutantes.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 8, Detroit News orchestra; 9, WEAF.
KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m., Out-of-town program.

Central Standard Time Stations

KFNF, Shenandoah, Ia. (461.3m-650kc), 7:30 p. m., Widney Sisters. KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., mixed musical program.

Saturday, August 21

Headliners Today

 Atlantic
 Eastern 8:30
 Central 7:30
 Mountain 6:30
 Pacific 5:30

 PWX (399.8m-750kc), Cuban concert.
 Concert.
 WMC (499.7m-600kc), Memphis Plectrum orches

11:30 9:30 8:30 7:30 6:30 WFAA (475.9m-630kc), Mozart choral club, 11:30 9:30 8:30 7:30 WEAP (475.9m-630kc), Hired Hand's Little Symphony. 1:45 12:45 11:45 10:45 9:45 WDAF (365.6m-820kc), Nighthawk frolic.

Saturday, silent night for: CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRV, CNRW, KFKX. KFUO, KFXF, KMA, KTAB, KWWG, WBAL, WCAL, WCAU, WCBD, WCX, WEBJ, WELI, WFI, WGBF, WGCP, WGHP, WHA, WHAD, WHN, WHO, WJAR, WLIT, WLWL, WOO, WOS, WRVA, WTAG, WTIC, WWJ.

Atlantic or Eastern Daylight Saving

Time Stations
CFCA, Toronto, Can. (356.9m-840kc), 9 p. m., CFCA's summer orchestra,



KOIL, Council Bluffs, Iowa, (305.9m-980kc), 7:30 p.m., Dorothy Steinbaug's program; 8:30, Jack and Jill. KTHS, Hot Springs National Park, Ark. (374.8m-800kc) 9:10-9:30 p. m., Lon Chassy, violinist; 9:30-9:45, Mrs. Charles Caldwell, contralto; 9:45-10:15, Ray Mullins orchestra. WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Velma Dean, blues singer; Allene Hoffman, pianist; 9:40-11, Artic Collins dance orchestra. WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., Great Northern Railway band; 8, WEAF; 8:30, Cumberland Boys' band; 10:05, Nankin Cate orchestra; Beatrice DeVold, contraito; Hertel Sandven, saxophonist. WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Star's string trio; 6-7, Harry Frank, organist; 8-8:30, WEAF; 8:30-9:30, varied program; 11:45-1a, m., Brunswick recording orchestra; Ted Meyn, organist; Earl Coleman's orchestra. WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m. Hauulea School of Hawaiian Music; 8:30-9:30, C. C. Roessler, zitherist. WGBF, Evansville, Ind. (236m-1270kc), 7 p. m. A.

Hautilea School of Hawanan maste, or no. Roessler, zitherist.

WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., A.
L. Maxwell Company featuring "Lincoln Ford or-

L. Maxwell Company featuring Lincoln Ford or-chestra"; 8:15, musical program, WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m.,

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., organ recital.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Liberty Insurance bank.
WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck and his Younker tea-room orchestra: 8-9, G. Anderson, violinist; Dessa Wolf, pianist; Amelia Reinke, soprano.
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra; 11, Harry O. Nichols, organist.

Hotel Gayoso orchestra; 11, Harry O. Nichols, organist.

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

WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., music review, Hester Bronson Copper; 6:50, orchestra; 9, Red Feather company.

WOC. Davenport, 1a. (483.6m-620kc), 8-8:30 p. m., WEAF, 8:30-9:30, Fifth band concert.

WOS, Jefferson City, Mo. (440.5m-680kc), 8 p. m., Missouri roads, O. I. Steele: 8:05, address, B. H. Fiepmeier; 8:20, Big Four string band.

WSM, Nashville, Tenn. (252.8m-1060kc), 7 p. m., Andrew Jackson hotel tric; 8, studio program; 10, Mrs. M. H. Goldschein, soprano; 10:30, F. Arthur Henkel, organist.

WSOE, Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Candygram review.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642kc), 7 p. m., Luis Mercier, basso; 7:30, Felipe Delgado's media hora Espanola; 8-9, Aeolian organ; 9-10, Varied program; spanola; 8-9, Aeolian orga)-11, Packard ballad hour.

10-11, Packard ballad hour.
KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Bert Farrar, Inc.; 8-9, program, John Wright, The Right Tailor; 9-10, Bill Hatch and his orchestra; 10-11, Warner Brothers frolic.
KGO, Oakland, Calif. (361.2m-830kc), 6-6:55 p. m., Bem's Little Symphony orchestra.

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

KHJ, Los Angeles, Calif. (465.2m-740kc), 6:30-7:30 p. m., children's hour with Uncle John; 8-10, De luxe program, Karl Brandenburg, tenor; L. A. Ry. Hawaiian quintet.

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

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m., States Restaurant orchestra; 9-10, Palace Hotel Rose Room dance orchestra; 9:10-9:20, book review, Harry A. Small; 10-11, States Restaurant orchestra.

CNRO, Ottawa, Can. (434.5m-680kc), 8 p. m., Chateau Laurier concert orchestra; 9, Chateau Laurier dance orchestra. WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Elmer Grosso and his orchestra; Ben Bernie's orchestra; Rolfe's Palais D'Or orchestra. WGBS, New York, N. Y. (315.6m-950kc), 6 p. m., Uncle Geebee; 7', 45, George Hall and his Royal Arcadians; 10:30, Arrowhead Inn dance orchestra. WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, sports corner; Dr. Francois D'Eliscu; 8:15, recital, Marine Studio; 8:30, Hotel Shelburne orchestra; 9:30, Emmet Welch's minstrels; 10:15, George Olson's orchestra; 10:45, Ted Weens' novelty dance orchestra; 11:15. Wheeler Weens' novelty dance orchestra; 11:15. Wheeler Waldworth dance orchestra; 8:25, Stadium Philhamonic concert, WRC, WGY, 10:30, Hotel Astorior Orchestra; WRC, WGY, 10:30, Hotel Astorior orchestra.

roof orchestra.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 7-7:15 p. m.,
Hotel Onondaga orchestra, WGY; 7:30-8:30, Shea's

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

orchestra, N. J. (405.2m-740kc), 6:15 p. m.;
Jacques Jacobs' Hotel Shelton ensemble; 6:45. Bill
Wathey, sports; 7, Jacques Jacobs' Hotel Shelton
ensemble; 7:30, Chateau Baltusrol orchestra; 8.
Hotel Bretton Hall string quartet; 8:30, Arthur
Pryor's band; 9:15, Casino orchestra; 9:45, Berkeley-Carteret concert 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

Saving 1 line Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 8 p. m.,
Laughlin Steel Works glee club.

PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m.,
Cuban concert.

Cuban concert.

KYW, Chicago, III. (535.4m-569kc), 6 p. m., Chicago
Evening American; 7, musicale; 8, Commonwealth
Edison company program; 9:30-11, Congress car-

Evening American; 7, musicale; 8, Commonwealth Edison company program; 9:30-11, Congress carnival.

WBBM, Chicago, III. (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, Superclub; 12:30-2 a. m.; Pacific Coast Special.

WBZ, Springfield, Mass. (333.1m-900kc), 6 p. m., Capitol theater orchestra; 8, Philip Bundon, baritone; Dorothy Higgins, pianist; 8:30, Hotel Westminister orchestra; 90, panist; 8:30, Hotel Westminister orchestra; 90, musicale, WGN, Chicago, III. Charles of the string quinter; 8, Auld Sandy; 8:10, Drake concert ensemble; 8:20, Correll and Gostien, 8:30-9, musicale; 99:30, light opera period; 9:30-10, musicale; 10, features.

WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Hotel Onondaga orchestra; 6:30, Shea's Buffalo hour; 7:25, New York Philharmonic symphony concert; 9:30, Syracuse hotel.

WHT, Chicago, III. (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, III. (329.5m-910kc), 9-1 a. m., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; Avery McIntyre, pianist; Elmer Winttrop, baritone; Anita Carrol, violinist; Chez Pierre Hawaiian quartet.

WJR, Detroit, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:30, La

ret.
Detroit, Mich. (516.9m-580kc), 7 p. m., Jean kette's Petite symphony orchestra; 7:30, LaGondoliers: 8. Detroit symphony orchestra; Goldkette's Petite symphony orchestra; 7:30, La-goona Gondoliers; 8, Detroit symphony orchestra; 11:30, Merry Old Chief, Jewett Radio Jesters. WKRC, Clucinnati, Ohio (122.3m-710kc), 10 p. m., Swiss Garden frolic; 11, Sam Jones Columbia Rec-ord artist; 11:15, Ace Brigode's Virginians.

WLIB, Chicago, III, (302.8m-990kc), 7 p. m., Million sing; 7:05-7:15, old fashioned Almanack; 7:15, dinner music; 7:30-8, Drake concert ensemble; Pattison Coates, baritone; 11-11:20, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, III, (34:6m-870kc), 6:30 p. m., Al Melgard, organist; 1, National barn dance.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Johanna Grosse, organist; 8, Sekatary Hawkins Radio club; 8:30, Lawson McClain-Hawaiian quartet; 9, Castle Farmers.

Castle Farmers.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:15, Daw and Pratt; 9, Chicago theater weekly

WMAQ, Chicago, Ill. (447,5m-670kc), 6 p. m. S. Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:15, Daw and 'Pratt; 9, Chicago theater weekly Radio revue.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m. Elizabeth Barker Van Campen hour of music; 10:05, Bob and Hazel McOsker, Freddie Gleason, Thelma Dykman, Louis Cunningham, Dodo and Mom, Van Wyck's instrumental quartet; orchestra.
WOJ, Chicago, Ill. (447.5m-670kc), 7-8, m., Joe Rudolph's Rainbo Gardens orchestra; St. Ita's Church choir; 10-3 a. m., Rainbo Gardens orchestra, Harry Geise, Mildred and Hazel Lamb, Gail Bandell, Joe Warner, Rosemary Hughes, Rita McFawn.
WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music. Speed-wagon serenaders, Gold Standard ensemble; 10-12, Speed-wagon serenaders, gopular program.

Standard ensemble; 10-12, Speed-wagon serenaders, popular program.

WSAI, Chicinnati, Ohio (325.9m-920kc), 8 p. m., chimes; 8:15, news; 8:30, Bicycle playing card sextet; 9:30, Lelia Le Mar.

WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Henri Therrien, tenor; Zola Haynes, pianist; Georgia Gray, violinist; Terrace Garden orchestra; Walter Dyckman, basso; 10-11, Georgia Gray, violinist; Ned Becker, humorist; Clarence Clausen, tenor; Terrace Garden Orchestra; Zola Haynes, pianist; 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; norm studio; Ev Jones' Merrymakers and assisting entertainers.

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

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

Central Standard Time Stations

Central Standard Time Stations

Central Standard Time Stations
KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m.,
mixed program; 11, old time music.
KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m.,
Ye Old Tyme gang.
KTHS, Hot Springs National Park, Ark. (374.8m800kc), 9:10-10:45 p. m., Meyer Davis orchestra;
9:45-10, Lawson Reid, organist.
WBAP, Fort Worth, Tex, (475.9m-630kc), 8-8:30 p. m.,
Mr. and Mrs. C. C. Wagoner; 9:30-11, Hired Hand's
Little symphony.
WCCO, Minneapolis-St, Paul, Minn. (416.4m-720kc),
6:15 p. m., Wesley Barlow's Nicollet hotel orchestra; Didrikka Stub, soprano; 8:15, Teter and Johnson, entertainers; Sidney Williams, pianist; 9, Kenneth Runkel, Pianist; Schaatgen string trio; Helen
Anderson, soprano; 10:05, Wallie Erickson's Coliseum orchestra; Jean Eatinger, entertainer; Agnes
ilverson, Frances Ackerman, whistlers.
WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m.,
Charlie Straight's recording orchestra; 8-10, around
the town; 11:45-1, Charlie Straight's Recording orchestra; Earl Coleman's orchestra; popular songsters.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,

chestra; Earl Coleman's orcnestra; popular song-sters.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.
Jimmy Joy's Baker hotel orchestra; 8:30-9:30,
Mozart choral club; 11-12, Jack Gardner's Adolphus
hotel orchestra.
WHAS, Louisville, Ky, (399.8m-750kc), 7:30-9 p. m.,
studio concert, H. D. Conrad.
WMC, Memphis, Tenn. (499.7m-600kc), Memphis Plectrum orchestra.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 7, Clamber of Commerce; 7:30, educational
period; 9, classical; 10, organ jubilee.
WOC, Davenport, Ia. (483.6m-620kc), 9-10 p. m.,
Sixth band concert.

WOC, Davenport, Ia. (483.6m-bzukc), 9-10 p. m., Sixth band concert.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, barn dance.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 7:30 p. m., dinner concert, Elks club studio; 8:30, Sunday school lesson, 9:30, dance program.

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 quartet; 9-10, classic hour; 10-11, Packard Radio club; 11-2 a. m., KFI midnight

Packard Radio club; 11-2 a. m., KFI midnight folic.

KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., Studio program; 9-11. Warner Brothers frolic.

KGO, Oakland, Calif. (361.2m-830kc), 8:10-9 p. m., Saion Five; 9-9:30, Philharmonic society; 9:30-10, Helen Hart, Lloyd Catheart; 10-1, Wilt Gunzendorfer's Hotel Whitcomb band.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children, 8-10, De Luxe program of vocal and instrumental numbers.

KNX, Hollywood, Calif. (336.9m-890kc), 7:30-8 p. m., Program, Dearden's Furniture company; 8-9 program, Luna Park; 9-10, Rondith corporation special program; 10-11, Ambassador hotel dance orchestra; 11-2 a. m., Hollywood nite frolic from the Edgewater club.

KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7:20 p. m., States Restaurant orchestra; 8-10, Cabiria Cafe orchestra; Maurice Gunsky, tenor; 10-12, Clift hotel dance orchestra.

Sunday, August 22

Headliners Today

Atlantic Eastern Central Mountain Pacific 7:30 6:30 5:30 4:30 3:30 WMCA (340.7m-880kc), Monte Carlo by-the-Sea orchestra.

winch (343, /m-630kc), Molico (348,6m-860kc), WEAF (491,5m-610kc), WEEI (348,6m-860kc), WSAI (325,9m-920kc), WGR (319m-940kc), WWI (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, 1 12 WFAA (475,9m-630kc), Amphion male quartet.

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

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 11 a. m., Timothy Eaton Memorial church; 7 p. m., St. Simon's church; 9:30, musicale. WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Hotel Pennsylvania orchestra; 7:30, Cathay Tea

Garden orchestra, N. Y. (491.5m-610kc), 3-4 p. m., UEAF, New York, N. Y. (491.5m-610kc), 3-4 p. m., International church service; 4-4:30, sacred music; 4:30-5:30. Federation mixed quartet; 5:30-6, musicale; 6-7, Capitol theater; 9:15-10:15, Allen McQuhae and orchestra.

VEEI, Boston, Mass. (348.6m-860kc), 9:15 p. m., Atwater Kent Radio hour; 9:45, Keith's Radio review.

review WIP, Philadelphia, Pa. (508.2m-590kc), 10:30 a. m., services, Holy Trinity church; 8:15, concert Steel Pier; 10:30, recital, Atlantic City high school. WJZ, New York, N. Y. (454.3m-650kc), 6:30 p. m., Turner male quartet; 7:05, Park Ave. Baptist Church Carillon, WGY; 8, music; 8:15, Hotel Ambassador trio, WGY; 9:30, Godfrey Ludlow, violinist.

bassador trio, WGY; 9:30, Godffey Ludlow, violinist.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 7 p. m., Churchill tabernacle.
WMCA, New York, N. Y. (340.7m-880kc), 7 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Monte Carlo by-the-Sea orchestra.

Sunday, August 22

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 10 a. m., Second Presbyterian church; 3:30 p. m., studio concert; 8:30-10, classical concert.

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

p. m., WBAL concert orchestra.

WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m.,

Sacred classical concert, Eddie Hanson at the Barton
organ, staff artists; 4-6, musical matinee, Lee
Sims; Charlie Lenzen, tenor; 8-10, Melody hour,
staff artists; 12, The Nutty club.

WGHP, Detroit, Mich. (270m-1110kc), 11 a. m., Grosse Pointe Memorial church.

WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, 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, Atwater Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:05 p. m., Carillon; 6:20, WJZ. WHT, Chicago, Ill. (399.8m-750kc), 3 p. m., Paul

WHI, Chicago, III. (225.4m-1330kc), 6-8 p. m., Sun-Rader.
WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., Sun-day evening concert; 10-12, Popular program.
WIAZ, Chicago, III. (329.5m-910kc), 7-9 p. m., Club Chez Pierre Girvin trio, Jack Baus, violinist, Ann Slack, cellist,
WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., classical program; 11:15, Swiss Garden frolic; 12, Marie Turner, blues singer; 12:15, Ace Brigode's Virginians.

Marie Turner, blues singer; 12:15, Ace Brigode's Wirginians.
Wils, Chicago, Ill. (302.8m-990kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict.
WLS, Chicago, Ill. (344.6m-870kc), 10:45 a. m., U. of Chicago, Ill. (344.6m-870kc), 10:45 a. m., U. of Chicago church service; 12:30, Elsie Mae Look, organist; 7, WLS Little Brown church.
WLW, Cincinnati, Ohio (422.3m-710kc), 9:30 a. m., Sunday school; 11, service; 3 p. m., Cincinnati Park Board concert; 7:30, J. Walter DeVaux, organist; 8:30, Crosley Salon orchestra.
WORD, Chicago, Ill. (275m-1090kc), 11 a. m., Morning I. B. S. A. service; 2 p. m., Bible lecture; 9:30, musical program and address; 10:45, Bible lecture.
WOJ, Chicago, Ill. (447.5m-672kc), 8-10 p. m., Rainbo Gardens orchestra; Helen Ginsberg, soprano; Phyllis Finegold, violin and Audrey Perlstein, piano.
WSWS, Chicago, Ill. (275.8m-1090kc), 7-9:30 p. m., Evening song service, Rev. Philpott.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7, Park Theater orches-Hollenden Hotel orenestra; 7, Fark Theater orenestra; 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

CKY, Winnipeg, Can. (384,4m-780kc), 7 p. m., Young
United.

Central Standard I ime Stations
CKY, Winnipeg, Can. (384.4m-780kc), 7 p. m., Young
United.
KFDM, Beaumont, Tex. (315.6m-950kc), 11-12 n.,
First Presbyterian church; 8-10 p. m., services.
KFNF, Shenandoah, Ia. (461.3m-650kc), 10:45 a. m.,
First M. E. church; 2:30 p. m., Seed house song
service; 3, Christian church orchestra; 6:30, Golden
Rule circle; 8, Christian church services.
KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m., sacred program; 5, talk, Rev. L. A. Lippitt.
KOIL, Council Bluffs, Ia. (305.9m-980kc), 7:30 p. m.,
Charlestonians,
KTHS, Hot Springs National Park, Ark. (374.8m800kc), 11 a. m., Central Methodist church; 9:10-10
p. m., classic hour, Meyer Davis orchestra.
KWCR, Cedar Rapids, Ia. (278m-1080kc), 11 a. m.,
Services, St. Paul's Methodist Episcopal church; 5
p. m., vesper services; 9:20, Sunshine Mission,
WBAP, Fort Worth, Tex. (475.9m-630kc), 11 a. m.,
First Methodist church; 9:30-11, Sorin-White Top
O'Texas orchestra.
WFAA, Dallas, Tex. (475.9m-630kc), 6-7 p. m., Radio
Bible class; 8-9, First Church of Christ Scientist;
9-9:30, Willard B. Muse, tenor; Ruth Muse, contralto; 11-12, Ligon Smith's orchestra,
WHO, Des Moines, Ia. (526m-570kc), 5-6 p. m.,
Bankers Life Little symphony orchestra; 7:30-8:30,
Fort Des Moines hotel orchestra.
WOAI, San Antonio, Tex. (394.5m-766kc), 11 a. m.,
First Presbyterian church; 7:45 p. m., Central
Christian church.
WOAW, Omaha, Nebr. (526m-570kc), 2:30 p. m.,
classical; 9, chapel service.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 10 a. m.,
church service; 3:30, Bible lour; 8, services.
WSUI, Iowa City, Ia. (483.6m-620kc), 9 p. m., familiar
hymns.

Mountain Standard Time Stations

Mountain Standard Time Stations KOA, Denver, Colo. (322.4m-930kc), 11 a. m., Mont-view Presbyterian church; 5:30 p. m., Mrs. Blanche Townsend Chase, organist; 8, open-air concert, Den-ver municipal band.

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, Bot Bottger's Venetians; 10-11, Packard Six dance orchestra.

KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m.,
Sunday night movie frolic, Radio and screen stars.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m.,
service, First M. E. church; 8-10, Orpheus Four
male quartet in request numbers, and others. NX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Carthay Circle theater organ and orchestra; 8-9, Service, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.

Monday, August 23

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:30 7:30 6:30 5:30 4:30 WCAU (277.6m-1080kc), Tony and Joe, Italian comedians. comedians, 8:45 7:45 6:45 5:45
WOR (405.2m-740kc), Jimmy Caruso's frolic.
10:30 9:30 8:30 7:30 6:30
WLIT (394.5m-760kc), Fay's vaudeville features.
11:10 10:10 9:10 8:10 7:10
KTHS (374.8m-800kc), Famous ballads, 12
KOIL (305.9m-980kc), Barnyard Twins.

or stations silent tonight refer to first Monday's list.

Atlantic or Eastern Daylight Saving Time Stations

CKNC, Toronto, Can. (356.9m-840kc), 9 p. m., Eveready Salon orchestra; Edgar Smith, bass; Daisy LaRush McAdam, soprano.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8. Carolyn Thomas, soprano; 8:30, The Two Rascals; 8:45, The Merry Minstrels; 9:30, Tony and Joe, Italian comedians; 9:45, Chalfont Sisters, harmony songs; 10, recital; 10:45, concert.

cert.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Palais D'Or orchestra; Meyer Davis' Park Lane orchestra; "Ballo in Maschera," WEAF Grand opera company, Rolfe's Palais D'Or orchestra.

WIZ, New York, N. Y. (454.3m-660kc), 7-05 p. m., Hotel Madison dinner concert; 7:55, John B. Kennedy; 9, Maxwell House Coffee ensemble; 10:30, Harold Leonard's Walderf Astoria roof orchestra.

WIIT, Philadelphia, Pa. (394.5m-760kc), 8:15 p. m., Arcadia cafe concert orchestra; 9, Stanley Hour of Music; 10, Arcadia cafe dance orchestra; 10:30, Fay's vaudeville features; 10:45, El Patio dance orchestra.

Fay's vaudeville learnes, orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15-7:15 p. m., Philco Battery serenaders; 7:30-8:15, Buffalo Athletic club; 8:15-9, WCY, 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; 10:30, Hotel Shelburne orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers.
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections; 6:20, piano selections; 7:35, sougs; 8, piano recital; 8:25, violin recital; 9, sougs; 9:30, instrumental program; 10, songs.

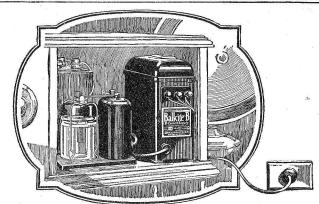
mstrumental program; 10, songs,
WOR, Newark, N. J. (405.2m.740kc), 6:15 p. m.,
Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill
Wathey, sports; 7, Jacques Jacobs' Hotel Shelton
ensemble; 7:30, Brooklyn Daily Eagle program; 8,
Newark Philharmonic band; 9, Klein's Serenading
Shoemakers; 10, Monterey society orchestra; 10:30,
Monterey concert quintet; 11:15, Ben Bernie's
Berkeley-Carteret orchestra.
WOO, Philadelshie, 20, 1000 20, 1000 20, 1000

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Hotel Sylvania orchestra; 8, organ recital; Mary E. Vogt; 8:30, Sesqui Centennial concert; 10:30, Sam Brown's dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

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; tet; 8-9, WBAL trio; 9-10, WBAL dance orchestra; WBBM, Chicago, III, (225.4m-1330kc), 6:7-p, m., Instrumental program featuring Lester D, Mather. WGHB, Clearwater, Fla. (265.5m-1130kc), 8:30-10
p. m., Caroline Lee; Max Hartlett, pianist, WGHP, Detroit, Mich. (270m-110kc), 6 p, m., dinner concert from Hotel Tuller; 8:30-9, studio program; 9-10, WGHP ensemble and soloists.
WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p, m., Hotel Van Curler orchestra; WRC, Cincinnati, Ohio (422.5m-710kc), 6:15 p, m., Alvin Roehr and his Hotel Alms orchestra; 8, Eugene Schmitt, baritone; 8:15, dance program; 8:45, Eugene Perazzo, pianist; 9, American Legion; 12, popular program.



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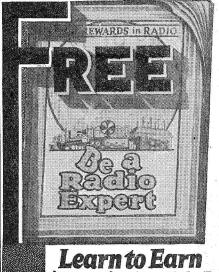
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Monday, August 23

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson Oriental room orchestra; 8, Pat Patrick and his orchestra; 9, Calumet Baking Powder and Rainbo Garden hour; George Conver, tenor.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Luella Craig Tynedale, contralto; Thurlow De Vlieger, pianist; 10:05, Grand Rapids Radio company. WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Gold Standard ensemble, Speed-wagon serenaders.

ger, planist; 10:05, Grand Rapids Radio company.
WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m.,
dinner hour of music, Gold Standard ensemble,
Speed-wagen serenaders.
WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m.,
chimes; 9:10, J. Harold Lawrence, blind pianist;
10:30, Golden Gate syncopators.
WSAI, Cincinnati, Ohio (325.9m-920kc), 9 p. m.,
WEAF; 10, Harmony Four orchestra.
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), 5:30 p. m.,
Blumenthal's Hub trio; 7:30, Coast Guard band; 9,
grand opera hour; 10:05, Capitol theater organ,
WWJ, Detroit, Mich, (352.7m-850kc), 6 p. m., dinner
concert; 7:30, Goldman band concert; 9, Detroit
News orchestra.

Central Standard Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 10 p. m., Reliable and Maximite Battery hour of music; II, Capitol theater revue.

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., concert; 8, poultry talk.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Corey and Carl.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Corey and Carl. KMMJ, Clay Center, Nebr. (228.9m-1310kc), 8 p. m., Old Trusty Juvenile band. KOIL, Council Bluffs, Ia. (305.9m-980kc), 6 p. m., Evangeline Higgins; 7:30, studio program; 9, Ray Winn and his Paramount orchestra; 10, Barnyard Twins. KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-10 p. m., ballads, New Arlington hotel orchestra; 10-10:30, Ray Mullins Como Roof Garden orchestra.

orchestra; 10-10-100, Ray, Humas Como orchestra.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., employees, Northern Texas Traction company; 9:30-11, Gordonville fiddle band; 11-12, musicale.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Frensley Moore's orchestra; 8:30-9:30, Sears-Roe-

WFAA, Dallas, Tex. (478.9m-630kc), 6:30.7:30 p. m., Frensley Moore's orchestra; 8:30-9:30, Sears-Roebuck Agricultural Foundation program. WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., organ recital; 8:30, popular studio program; Cliff Borchardt, baritone; Vent Callahan, harmonicist and saw artist, novelty selections.
WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck and his Younker tea-room orchestra; 8-9, Bankers Life trio.
WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., Hugo G. Heyn, marimba soloist; Emil B. Hoffmann, pianist; 6:50, orchestra; 9, classical.
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m., Daniel Boone Jones, old time fiddler.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, studio program: 10, Vito and his Radio Seven.
WSOE, Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Foca Di Leo's Accordion symphony orchestra.
WSUI, Iowa City, Ia. (483.6m-620kc), 8 p. m., musicale.

Mountain Standard Time Stations

Mountain Standard Time Stations
CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m., National Railways' Little Symphony orchestra.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:15, all-family studio programs.
Pacific Standard Time Stations
CNRV, Vancouver, Can. (291m-1030kc), 9:30 p. m., CNR Little symphony orchestra; 10-11, Cabaret Belmot orchestra.
KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians; Jackie Lucas, soloist; 8-9, Marie Louise Caselotti, soprano; Guide Caselotti, pianist; 9-10, program, Walter M. Murphy Motors company, KPO; 10-11, program, Meiklejohn Brothers.

Brothers, IFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, The Sealy company; 9-10, program, American Dye Works; 10-11, Warner Brothers by 10-11.

gram, American Dye Works; 10-11, Warner Brothers frolic.

KLX, Oakland, Calif. (508.2m-590kc), 8-9 p. m., studio program.

KNX, Hollywood, Calif. (336.9m-890kc), 7-7:30 p. m., program, Pacific Palisades association; 7:30-8, program by Overells; 8-9, program, V. Stockwell Co.; 9-10, Julian Petroleum Corp. program; 10-11, Alexandria hotel dance orchestra; 11-12, Ambassador hotel orchestra.

Tuesday, August 24

Headliners Today

Atlantic Eastern Central Mountain Pacific 8:30 7:30 6:30 5:30 4:30

WSAI (325.6m-920kc), Charles H. Partington, accordion soloist, 9:30 8:30 7:30 6:30

WGHB (266m-1/130kc), Royal Poincianna band. WHO (526m-570kc), Fourteenth Cavalry band. 9 8 70 6 5

WLW (422.3m-710kc), Tenth Infantry band. 12 11 10 9

WFAA (475.9m-630kc), Bundle of Joys.

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

Atlantic or Eastern Daylight Saving Time Stations

Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m., Mrs. H. M. Wheeler, pianist; Mrs. William Cook, soprano; Flora Brown, reader; Vincent Melanson, tenor; Mrs. Fred Knight, mezzo-soprano; 11, orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, concert; 8:10, The Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Charles Higgins, popular songs; 9, Kuehnle's artists; 9:30, recital; 9:45, Eddie Malle, entertainers; 10, Billy Hays Cathay dance orchestra.

WEAF, New York, N. Y. (491.5m-610kc), 4:12 midnight, United Synagogue of America; Columbia university French course; Salon concert; Gold Dust Twins; Eveready hour; Moment musicale; Hotel Bossert orchestra; Greenwich Village Inn orchestra. WEBJ, New York, N. Y. (272.5m-1100kc), 7 p. m., Raymond orchestra; 7:30, Knickerbocker Grill orchestra; 8:15, Sara Case, pianist; 8:30, Luna's Marine band.

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

chestra, onto, santrine band. WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m.,

Adelphia Roof Garden orchestra; 8, WEAF; 10:30, Greenwich Village Jun orchestra. WIP, Philadelphia, Pa. (508.2m.590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, Steeplechase Pier dance orchestra; 8:30, Steel Pier Minstrels; 9, Chalfonte-Haddon Hall trio; 10, moving picture talk; 10:20, Cummins' Kentuckians dance orchestra; 11, Silver Slipper Club orchestra; 11:30, Seattle Harmony Kings dance orchestra; 11:30, Seattle Harmony Kings dance orchestra. WIZ, New York, N. Y. (454.3m-660kc), 7:05 p. m. Frank Dole; 7:20, Waldorf Astoria roof orchestra; 8:30, May Singhi Breen, Jack de Rose and the Four Jack Roses; 9, Pennsylvania Railroad hour, WRC, WGY; 10, Cook's Southern Hemisphere Cruise, WRC, WGY; 10:45, Geo. Olsen's Hotel Pennsylvania Roof orchestra.

WRC, WGY; 10:45, Geo, Olsen's Hotel Pennsylvania Roof orchestra,
WMCA, New York, N. Y. (340.7m-880kc), 6:45 p. m.,
Jack Windrow, ukelele and songs; 7, Monte Carlo
by-the-Sea orchestra; 9, Paul Whiteman's Picadilly
players; 9:30, Columbia Park entertainers; 10:30,
Hotel Shelburne orchestra; 11, Ernie Golden and his
Hotel McAlpin orchestra; 12 m., McAlpin orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:45 p. m., Hotel
Bretton Hall string quartet; 7:30, Premier club orchestra; 8:15, Vanderbilt hotel orchestra; 19,
Donald H. Baker, organ recital; 9:45, Jimmy
Caruso's frolic; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner concert, Congress hotel; 6, music hour; 7, American

farm bureau federation; 8-9:30, classical concert; 9:30-11, Congress Carnival, Art Linick, Eddie and Fannie Cavanaugh.

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.

band.

WBBM, Chicago, III. (225.4m-1330kc), 5:15-6 p. m.,
Recital, Eddie Hanson at the Barton organ; 8-9:30,
Melody hour, staff artists; 9:30-10. Moss covered
melodies; 10-11:30, Variety hour, Lee Sims, Smith
and Ford and staff artists; 11:30-12, Howard Osburn's Vanity Fair cafe orchestra.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10
p. m., American Legion band; Royal Poincianna
band.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., American Legion band; Royal Poincianna band.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9, studio program; 9-10, Skylark dance band and soloists.
WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt's Punch and Judy; 6:45-7, Drake concert ensemble, Blackstone string quintet; 8-9, Eveready hour; 9-10, Great Moments from Grand Opera; 10-1010, Sam 'n Henry; 10:10-11, musicale.
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Wonder story of Steinmetz; 7:30, WIZ.
WHT, Chicago, III. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15 (238m-1266kc), 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.
WIBO, Chicago, III. (329.5m-910kc), 9-12 mid, Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; Louise Kramer, violinist; Francis Rosemary Scheib, soprano; Helen Jackson, piamist.
WKRC, Cincinnati, Ohio (422.3m-710lcc), 10 p. m.,

Jackson, pianist, WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., Eugene Perazzo, organist; 11, Al Kirschner, pianist; 11:15, Chubby Lieber; 11:30, dance program.

GUARANTEE

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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), 6:45 p. m., College Inn Orchestra; 7:20, Prof. E. Frazier, reader; 7:30, Ralph Emerson, organist; 8, Surprise time; 8:10, Sherwood music hour. WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Norrine Gibbons and her girl friend, Priscilla Holbrook; 7:30, Castle Farmers; 8, Tenth Infantry band; 9, Formica Insulation company orchestra. WMAQ, Chicago, Ill. (447.5m-670kc), 6:30 p. m., orchestra; 6:45, Swimming lesson; 8, book review, Keith Preston; 8:20, Architect's Small House service bureau; 8:40, Whitney trio; 9, Mae Dowling Schmidt, pianist; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes.

9:45, Burpan Homes.
//OOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m.,
Ye Olde Tyme Songe Feste, Roy Clark, Sally
Simpkins, Jim Forshey, Claude Lee, Beth Garrison,
quartet; 9:45, Melissa Dvorak, pianist; 10:05, Salva-

tion Army, Motago, III. (447.5m-670kc), 7-8 p. m., Rajnbo Gardens orchestra; Sheppard Levine, Vesta Lou Balch, Helen Combs; 10 p. m.-2 a. m., Rajnbo Gardens orchestra; Sophia Kasmir, Mildred and Hazel Lamb, Muriel Olsen, Romo Vincent, Frank

Hazel Lamb, Muriel Olsen, Romo Vincent, Frank Blasco.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble; 8:15-9:45, bank concert, Natural Amphitheater.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF; 7:30, Charles H. Partington, accordionist; Ray Lombardi, baritone; 8, Eveready hour of music; 9, Lola Bruce, Maids of Melody, WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m., Walter Dyckman, basso; Truman Agland, Deolores Diazavado, songs; Terrace Garden orchestra; Henri Therrien, tenor; Ilona Kincz, songs; 11-12, John Clark, baritone; Georgia Gray, violinist; Matthews

sisters; Jean St. Anne, baritone; Zol. pianist; Terrace Garden orchestra; 12-1

WTAM, Cleveland, Ohio (389.4m-770kc), State theater vaudeville and music; 7, Sa from WEAF; 7:30, Gold Dust Twins from WEAF; 17:30, Gold Dust Twins from WEAF; musicale from WEAF; 9:30, Dance orc. WEAF; 10, studio program; 11, Frank 1 Euclid beach park orchestra.

WEAF; 3.03, studio program; 11, Frank 1

Central Standard Time Stati

KFAB, Lincoln, Nebr. (340.7m-880kc), 3
p. m., University of Nebraska.

KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., N.

Strom's Boy band.

KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. n., May's Mandolin musicians.

KOLL, Mandolin musicians.

KOLL, Mandolin musicians; 11, Tillie's Bon-Ton sevenaders.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., Lawson Reid, organist; 9:30-10, Meyer Davis orchestra; 10-10:15, Joe Kuntz, accordion selections.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Clyde Massengale, baritone; Florence Massengale, pianist; 9:30-11, Wagoner-Hawaiian trio.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Hauulea School of Hawaiian music; 8:30-9:30, Edwin Lisman, bass; 11-12, Jimmy Joy's Baker hotel orchestra.

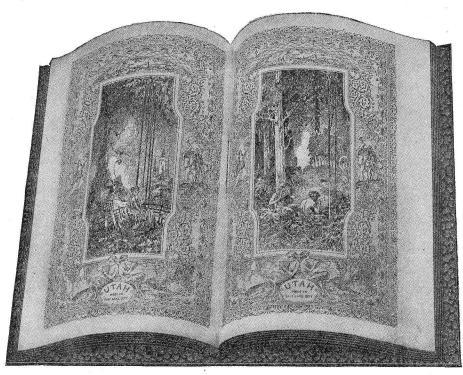
WGBF, Evansville. Ind. (236m-1270kc), 7 p. m., mu-

orchestra.

WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., musical program; 8, varied program;
WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m.,
dinner hour program; 8:30, Wisconsin theater re-

wiew. Coulsville, Ky. (398.8m-750kc), 7:30-8:30 p. m., Cardinals; 8:30-9, T. C. Martin, fiddler. WHO, Des Moines, Ia. (526m-570kc), 7:30-9 p. m., Fourteenth Cavalry band. WMC, Memphis, Tem. (499.7m-600kc), 8:30 p. m., musical program; 11, Britling's cafeteria orchestra.

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uesday, August 24

Antonio, Tex. (394.5m-760kc), 8:30 p. m. Mexican players.

haha, Nebr. (526m-570kc), 6:20 p. m., popg period, Lillian Madsen; 6:50, orchestra;
m, George H. Lee company; 10:15, WOAW ovie club. ashville, Tenn. (282.8m-1060kc), 8 p. m. dio program. E., Milwaukee, Wis. (245.8m-1220kc), 8 p. m., milding and Loan Ideas; 9, Knights of Pythias

Mountain Standard Time Stations

CNRR, Régina, Can. (312.3m-960kc), 8 p. m., Mc-Quarrie's concert and dance orchestra; Pragnall trio, KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra, Pacific Standard Time Stations CNRV, Vancouver, Can. (291m-1030kc), 9 p. m., W. G. Hassell, vocal teacher; 10:30, Cabaret Belmont orchestra.

CNRV, Vancouver, Can. Assistance CNRV, Vancouver, Can. Assell, vocal teacher; 10:30, Cabaret Belmont orchestra, KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia ballroom orchestra, Parks Sisters; 8-9, Screen Artists' string quartet; 9-10, Leo Rabitz, violinist; 10-11, Packard Radio club. KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program, Morris and company; 8-10, dance program, Bill Hatch and his orchestra; 10-11 Warner Brothers frolic, 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, pianist; 10-11, L. A. Ry. dance orchestra. KNX, Hollywood, Calif. (36.8m-890kc), 7-7:45 p. m., program, John A. Vaughn corp.; 7:45, Health talk; 8-9, Builders' Finance ass'n program; 9-10, program, Western Auto Supply co.; 10-11, Edgewater Club; 11-1 a. m., Ambassador hotel dance orchestra. KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News concert hour with Adolf Tandler ensemble, George Frenger, tenor. ble, George Frenger, tenor.

Wednesday, August 25

Atlantic Eastern Central Mountain Pacific 6 WHAD (275m-1090kc), Milwaukee Park Board \begin{array}{llll} \begin

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

Atlantic or Eastern Daylight Saving Time Stations

CNRO, Ottawa, Can. (434.5m-690kc), 8 p. m., Chateau Laurier concert orchestra; 9, Chateau Laurier quar-

tet.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., concert, N. Snellenburg and Co.; 8, recital; 8:30, concert; 9:40, Senator Hassenpfesser; 9:45, Frank Cook, old-time songs; 10, Artie Bittong's Cheer-up

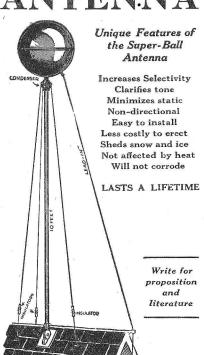
club.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, "A Russian Fairy Tale," Margaret Scott; tea music; United Synagogue of America; U. S. Army band; Davis' Saxophone cotet; Ipana Troubadours; South Sea Islanders; WEAF light opera company; Pelham Heath Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 8 p. m., Dixie Daisy entertainers; 8:30, Jerry Alexander, entertainer; 8:45, Isabel Henderson, soprano; 9, Brennan and Adams, songs with uke; 9:30, Ormond Aces orchestra.

nan and Adams, songs with uke; 9:30, Ormond Aces orchestra.
WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra.
WPP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra.
WZ. New York, N. Y. (454.3m-650kc), 7:05 p. m., Hotel Madison concert orchestra; 8. Imperial Imps; 8:30, Stadium Philharmonic concert; 10:20, Henry Ford Old-Time orchestra.
WLIT, Philadelphia, Pa. (394.5m-760kc), 8 p. m., Arcadia acie concert orchestra; 8:30. Progress Paint company entertainers; 9, E. A. White Radio hour; A. Acadia acie concert orchestra.
WMAK, Buffalo, N. Y. (265.3m-1130kc), 7:30-8:15 p. m., Eastman theater, WGY; 8:15-9, WHAM; Philadelphia, Pa. (340.7m-880kc), 6:30 p. m., Ernie Golden and his Hotel McAlpin orchestra; 7:30, Tappen's orchestra; 8, Monte Carlo by-the-Sea or

Super-Ball ANTENN



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chestra; 10:30, Colonial Inn orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers.

WNYC, New York, N. Y. (\$28m-570kc), 6 p. m., piano selections; 6:15, piano selections; 7:15, songs; 8:30, band concert from the Mall, Central Park, New York city.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:45, Spencer Armstrong, "Topics of the Day"; 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.

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

Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m., military band music.

KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner concert; 6, Chicago Evening studio concert; 8.9:30, classical concert; 9:30-11, Congress Carnival, WBBM, Chicago, Ill. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 9-10, Harmony Time, staff artists; 12, The Nutry club.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Virginia Girl; Bob Houts, baritone.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9, Campers' half hour; 9-10, WGHP ensemble and soloists.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Darke concert ensemble. Blackstone string quintet; 8:30-8:45, Tripoli trio; 8:45-10, Arabian, Night's entertainment; 10:10, Music Box; 10:20, studio program; 10:30, party.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Eastman theater orchestra; 7:15, WHAM studio program.

WHT. Chicago, Ill. (399.8m-750kc), Al Carney, or-

program.
WHT, Chicago, III. (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 organist;

orchestra.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner

WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 10-12, popular program WIAZ, Chicago, Ill. (329.5m-910kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; vocal selections, Alexander Makutin studio; program WRC aptain Donald B. MacMilan. (10kc), 6 p. m., Erwin Reed's Garden of Allam-crhestra; 8:15. All. vin Rochr and his Hotel Alms orchestra; 9. Everiresh hour; 12, Lookout house orchestra; 7:15. Mill. vin Rochr and his Hotel Alms orchestra; 9. Everiresh hour; 12, Lookout house orchestra; 7:50. Old Fashioned Almanach; 7:15. dinner music; 7:30, Partison Coates, batitone; Edward Barry, pianist; 7:50, Auld Sandy; 8, WEAF; 12:30-1, Ambrose Larsen, organist. (10.54.6m-870kc), 6:30 p. m., Al Melgard, organist; 6:45, College Inn orchestra; 7:20, Rose Sherman, violinist; Marie Ludwig, harpist; 7:30, Ralph Emerson, organist; 8:10, College Inn orchestra; 8:30, U. of Chicago choir; 8:45, Midwest quartet; 9, WLS trio; 9:30, Harmony team; 9:45, College Inn orchestra; 10, popular music; 11, special program.

91:5. College Inn orchestra; 10, popular music, 11, special program.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Robert Visconti's orchestra; 10, Pink of Programs; 11, Royal Elk syncopators.
WMAQ, Chicago, Ill. (447.5m-670kc), 6:50 p. m., Jack Chapman's orchestra; 8:30, Whitney trio; 9, Hilda Eppstein, pianist; 9:30, Jack Chapman's orchestra.

chestra.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m.,
16 Fingered Paul, Moke Marrin, Helen Neuman,
Jim Forshey, Ruth Glaser, Pearl Knudson, Sid
Goldman, Ramona Gardens orchestra; Minnie DuBey Johnson, Marian Cusser, Van Wyck's instrumental quartet; Herman Nyh; 10:05, Paul Esta-

brook. WQJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Wm. Mattei, baritone; Henry Weise, violinist; Sibyl Nichols, pianist; James H.

Murray, tenor. 10-2 a. m., Rainbo Gardens or-chestra; Sophia Kasmir, soprano; Jerry Derr, tenor; Joe Warner, character songs; Joe Verges, pianist; Flo and Ray, harmony duo. WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Gold standard ensemble,

dinner nour of music, Gold standard ensemble, Speed-wagon serenaders. WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., hymns in song and story, Holland Wilkinson; 9:15, Hamilton M. Baskerville, organist; 10:15, Virginiza

Hamilton M. Baskerville, organist; 10:15, Virginians,
WSWS, Chicago, Ill. (275.8m-1090kc), 8-9 p. m.,
Zola Haynes, Georgia Gray, Henri Therrien, tenor,
Terrace Garden orchestra; Eleanor Wendt, soprano;
John Clark, baritone; 10-11, Jack Goodwin, Terrace
Garden orchestra, Georgia Gray, Jimmy Mulaney,
ballads; Flo and Ray, harmony; 12-1, Witching hour,
WTAM, Cleveland, Ohio. (389.4m-770kc), 6:15 p. m.,
Hotel Cleveland orchestra; 8, Public Auditorium program; 11, Jack Horwitz Collegian serenaders.
WTIC, Hartford, Conn. (475.9m-630kc), 7:30 p. m.,
Bill Jones Capitol theater orchestra; 8, Travelers
Jongleurs and Unknown Troubadour; 9, Colt Park
Municipal dance orchestra; 9:30, Hotel Bond dance
orchestra.

orchestra.

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

Central Standard Time Stations

Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30 p. m.,
Variety program,
KFNF, Shenendoah, Ia. (461.3m-650kc), 7 p. m., concert, Henry Field Seed company,
KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m.,
mixed musical program,
KTHS, Hot Springs National Park, Ark. (374.8m800kc), 9:10-9:30 p. m., Meyer Davis stringed trio;
9:30-10, Clyde Foley, tenor; Meyer Davis ensemble,
KWCR, Cedar Rapids, Ia. (278m-1080kc), 4:15 p. m.,
musical hour, fashion talk by Denecke stores,
WAMD, Minneapolis, Minn. (244m-1230kc), 7:15
p. m., Liberty Four male quartet; Art Olsen, pianist,
WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m.,
organ recital; 8, Milwaukee Park Board band concert; 11:30, Wisconsin theater organ recital.
WHAS, Louisville, Ky, (339.8m-750kc), 7:30-810 p. m.,
K. & I. orchestra; 8:10-9, Honolulu serenaders,
WHO, Des Moines, Ia. (526m-570kc), 6-7 p. m.,
Bankers Life Little symphony orchestra; Myrtle
Williams, soprano; 7-8 p. m., Hotel Fort Des
Moines orchestra; 8-9:30, Four Horsemen male
quartet; Kate Miller, whistler; 9:30-11, dance program.
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m.,
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m.,

wos, Jefferson City, Mo. (440.9m-680kc), 8 p. m., address, George A. Pickens; 8:15, Gondoliers. WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, studio program; 10, etudio woseram. studio program. WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m., Wisconsin Humane society.

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., dinner concert, Brown Palace string orchestra; 7:30, Wynken, Blynken and Nod time; 8, Scheuerman's Colorado orchestra; 8:15, Ohio society, greeting to Ohioans, Frank E. Bare.

Pacific Standard Time Stations

Pacific Standard Time Stations
CNRV, Vancouver, Can. (291m-1030kc), 10-11 p. m.,
Cabaret Belmont orchestra.
KFI, Los Angeles, Calif. (467m-642kc), 7 p. m.,
Westerland trio; 7:30, Nick Harris detective story;
8-9, Program, California Petroleum corporation; 910, Dolores Mason, pianist; Geo. Finney, baritone;
10-11, Chas. Beauchamp, tenor and others.
KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m.,
program, Corduroy Tire Stores, Inc.; 8-9, program,
Music Arts building; 9-10, studio program; 10-11,
Warner Brothers' frolic.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9. Western Auto Supply company.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30
p. m., Uncle John and the children; 8-10, de luxe
studio program; 10-11, Jerry Grant's Elite dance
orchestra.

KJR, Seattle, Wash. (384.4m-780kc), 6 p. m., Lin-coln-Ford dealers; 7:30-8:30, Arcweld Mig. com-pany; 10-11, Olympic Calpet refining company dance

Thursday, August 26

Headliners Today

Atlantic Eastern Central Mountain Pacific 8 7 6 5 5 WMCA (340.7m-880kc), Paul Whiteman's Picadilly players. 9:30 7:30 6:30 5:30 WHAS (399.8m-750kc), Bobby Hulette's Blue Devils. 10:30 9:30 8:30 7:30 6:30 WCAU (277.6m-1080kc), Odd Fellows' male quartet. 11 10 9 8 7 WOJ (477.5m-670kc), Sophia Kasmir, WRVA (256m-1170kc), "Belle of Barcelona," Opera WKVA (250m 2... company. 11:40 10:40 9:40 8:40 WLW (422.3m-710kc), Irene Downing.

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

Atlantic or Eastern Daylight Saving Time Stations

Time Stations

CKNC, Toronto, Can. (356-3m-840kc), 8 p. m., Charles E. Bodley and his dance orchestra; Battery Brothers; Elsie White, soprano.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Cathay orchestra; 7:30, Snellenburg symphony orchestra; 8, recital; 8:15, Josh Saddler's trio; 8:45, Getz Go-getters; 9, recital; 9:30, Musical Chefs; 9:45, Professor Doolittle; 10, recital; 10:30, Odd Fellows' male quartet.

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

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, The Serenaders; 10; Silvertown Cord orchestra; 9, Clicquot Club Eskimos; 10, Silvertown Cord orchestra; 8, recital; 9, Hotel Traymore concert orchestra; 8, recital; 9, Hotel Traymore concert orchestra; 10; Silvertown Cord orchestra; 11; 30, Silver dance orchestra; 11; 10; 30, George Olson's dance orchestra; 11; Fry's dance orchestra; 11; 30, Silver dance orchestra; 11, Fry's dance orchestra; 12, organ recital, Jean Weiner.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 7:40, Judge, Jr.; WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 12, organ recital, Jean Weiner.

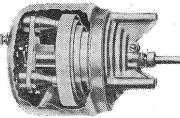
WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Hotel Madison concert orchestra; 7:40, Judge, Jr.; S. First National Presentation, WRC; 8:30, U. S. Marine Band, WRC, WGY, WBZ; 9:30, Royal Typewriter Salon orchestra; R. Roemer's Homers; 9, Solow soloists; 9:30, Columbia Park entertainers; 10, Shelburne Hotel orchestra; 10:30, Colonial Inn orchestra; 12 m., McAlpin entertainers.

WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill

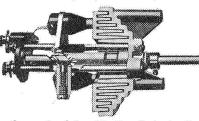
WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m., Jacques Jacobs' Hotel Shelton ensemble; 6:45, Bill Wathey, sports; 7, Jacques Jacobs' Hotel Shelton ensemble; 7:30, Oreste S Queensland orchestra; 8:15, Vanderbilt Hotel orchestra; 9, Arthur Pryor's band; 9:45, studio program; 10, Chateau Baltusrol orchestra.

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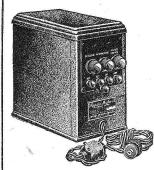
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GRIGSBY-GRUNOW-HINDS COMPANY 4576 Armitage Ave., Chicago, Ill.

Thursday, August 26

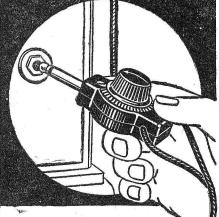
Eastern Standard or Central Daylight
Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., music
hour, Chicago Evening American studio; 7, Twenty
Minutes of Good Reading, Rev. C. J. Pernin; 7:30-8,
musicale; 9:30, classical; 9:30-11, Congress 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.

mixed quartet; 8-9, WBAL trio; 9-10, dance or chestra quartet; 8-9, WBAL trio; 9-10, dance or chestra. The control of the cont

w 16.; 7.: mission 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

Carney, organist; 8:45 (238m-1260kc), Helen Rauh, organist; Stuart Dawson, poems; 10:30-1 (39)8m-750kc). Al Carney, organist; Billy Alan Huff, popular songs; Little Joe Warner, character songs; Aland Pat.
WiBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; 10-12, midnight jamboree.
WJAZ, Chicago, Ill. (325.4m-1330kc), 9-12 mid., Club Chez Pierre, Earl Hoffman's Chez Pierre orchestra; Henrietta Nolan, violinist; John Bennett Ham, baritone; Jacob Hannemann, pianist.
WKRC, Chicinanti, Ohio (422.3m-710kc), 8 p. m., Swiss Garden frolic; 8:30, popular songs, Merrell Schwarz, Bert Lindsay, Kern Aylward, Abe Farb; 9, Ace Brigode and his Fourteen Virginians.
WLIB, Chicago, Ill. (302.8m-990kc), 7 p. m., Millionssing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 11-11:20, Correlt and Gosden; 11 20-1, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.
WLS, Chicago, Ill. (344.6m-8700kc), 6:30 p. m., Al Melgard, organis; 7:20, Rose Sherman, violinist; Mariet; 8:10, Clegel Inn. orchestra; 8:30, Donald F. Main; 8:50 voted music.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., Hotel Gibson orchestra; 10. Castle Farmers; 10:15, Al Kirschner. Pep Golden; 10:40, Irene Downing, Tommy Reynolds; 12:15, Crosley Sky Terriers.
WMAQ, Chicago, Ill. (447.5m-670kc), 6:30 p. m., Jack Chapman's orchestra; 8:30, Maren Johansen, soprano; 9, Marion and Stella Roberts; 9:30, Jack Chapman's orchestra; 9:45, Burpan Homes.
WJJ, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Chester Newman, baritone, Lorena Anderson, soprano; Elbert Wheeler, operatic tenor; 10-2 a. m., Rainbo Gardens orchestra; Chester Newman, baritone, Lorena Anderson, soprano; Goldie Gordon, violinist; Bessie Sachs, accompanist.
WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., chimes; 9, Highland Park orchestra; 10, "Belle of Barcelona." Opera company.
WSWS, Chicago, Ill. (275.8m-1090kc), 7 p. m., Henri Therrien, Oscar Heather, tenor; Terrace Garden orchestra, Leola Atkman, Georgia Gray, Zola Haynes, pianist; 10 p. m.



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Central Radio Laboratories

VTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden Hotel orchestra; 7:30, New York studio orchestra; 8, Cliquot Club Eskimos from WEAF; 9, studio program; 11, Emerson Gill and his Bamboo Cavien orchestra

Garden orchestra.

WTIC, Hartford, Conn. (475.9m-630ke), 7:30 p. m., Jones-Jackson duo; 8, For-an-to Melody Makers; Manchester male quartet; 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 CKY, Winnipeg, Can. (384.4m-780kc), 9-10 p. m., Bin Harper and his orchestra. KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., mixed program.

KLDS, independence, Mo. (440.9m-680kc), 8 p. m.,

Josephine Jirak, contralto; Edith Willis, pianist;

Alfred Boyington, violinist; Alvah Boyington, ac-

Josephine Jurk, contraito; Edith Willis, pianist; Aliried Boyington, accompanst.

KOIL., Council Bluffs, Iowa (305.9m-980kc), 6 p. m., Jamieson Oil duo; 7, program, G. H. Nelson Paint company; 8, Marjorie Beckett Burns.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:45 p. m., classical concert; 9:45-10, Lawson Reid, organist.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Trinity Park.

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 recital.

WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., dinner hour program; 8:30, classical studio program; 10:30, dance orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8 p. m., Younker tea-room orchestra; 8-9, Bankers' Life trio; Stewart Watson, baritone.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Cooper's Hawaiians.

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

WSOE, Milwaukee, Wis. (245.8m-1220kc), 8 p. m., Bible class; 9, old fashioned musicale.

Mountain Standard Time Stations

Bible class; 9, old fashioned musicale.

Mountain Standard Time Stations
CNRC, Calgary, Can. (435.8m-688kc), 9:30 p. m., Littie Symphony orchestra.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra.

Pacific Standard Time Stations
CNRV, Vancouver, Can. (291m-1030kc), 10-11 p. m.,
Cabaret Belmont orchestra.
KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m.,
Radio Boys' orchestra; Geo. O'Hara, soloist; 8-9,

KFI drama hour; 9-10, Chas. Dimond, steel guitar; 10-11, Patrick-Marsh dance orchestra, Betty Patrick, soloist.
KFWB, Hollywood, Calif. (252m-1190kc), 8-9 p. m., program, McGavin Bros. Bakeries; 9-10, program, Chapman's Ice Creams; 10-11, Warner Brothers'

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, Zoellner string quartet; Harriet Andrews, soprano; 10-11, Heffner's Sunnyland Seven dance orchestra.

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, Edgewater club dance orchestra; 11-12, Ambassador hotel dance orchestra.

water club dance orchestra; 11-12, Ambassador hotel dance orchestra, KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., musical program Lodge No. 322.

Friday, August 27

Headliners Today Atlantic Eastern Central Mountain Pacific 8:30 7:30 6:30 5:30 4:30 WFAA (475.9m-630kc), Blue Devils orchestra. 8:45 7:45 6:45 5:45 4:45 WGY (379.5m-790kc), Two-act play, "Gaius, Jr."

Gauss, Jr. 9 7 6 6 CNRV (291m-1030kc), "Three Live Ghosts." 5 10 CNRT (356.9m-840kc), Radio Raiders, WRVA (256m-1170kc), Stories of England, Ireland,

France, 10 9 8 7

KMA (461.3m-650kc), Essex, Iowa, band, KOA (322.4m-930kc), Denver's crack forty-piece band, 10:30 8:30 7:30 6:30

WLS (344.6m-870kc), Little Symphony of Chicago, 12 11 10 9

WMC (499.7m-600kc), Frolic, Diana 8 orchestra,

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

Atlantic or Eastern Daylight Saving

Time Stations

CNRA, Moncton, Can. (322.4m-930kc), 9 p. m.,
Moncton Firemen's band; 11, orchestra.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30, Snellenburg recital; 8, Barry O'Moore, Irish tenor; 8:30,

Singing Groundhog; 8:45, Miss Bambaccordionist; 9, Regina Crooners; 9:15, 8 Four; 9:45, Willie Pierce, popular song Myers' Musical Architects.

accordionist; 9. Regina Crooners; 9:15, N. Four; 9:45, Willie Pierce, popular song Myers' Musical Architects.

WEAF, New York, N. Y. (491.5m-610kc night, Nora Donar, actress; May Singh joist; Peter De Rose, pianist; The Vandercook; "La France orchestra; Will Persians; Jack Albin and his Hotel chestra; Pelham Heath Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), Blue Bell serenaders; 7:30 p. m., Luna bocker Grill orchestra; 8:00 p. m., Billy Luna bocker Grill orchestra; 8:00 p. m., Billy Luna becker Grill orchestra; 8:00 p. m., Billy Luna bend, WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Willy bedtime stories.

WJZ, New York, N. Y. (454.3m-660kc), 7:05 p. m., Geo. Olsen's Hotel Pennsylvania orchestra; 8. West Point Thayer Hotel program; 9, Sundial Shoe serenaders, Bonnie Laddies; 10, Baldwin hour; 11, Hotel Belleclaire Tower orchestra.

WLIT, Philadelphia, Pa. (594.5m-760kc), 8 p. m., Arcadia cafe concert orchestra; 8:15, Pioneer Storage Battery entertainers; 9, Schickerling artists; 10, Morning Glory club concert; 10:30, Ruius and Rastus; 11, Freshman Masterpiece Hour of Music.

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

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; 8, Midland Beach orchestra; 9, Paul Whiteman's Picadilly players; 9:30, Klein's Serenading Shoemakers; 10, Colonial Inn orchestra; 11, Jack Denny's orchestra; 11:30, Club Brighton orchestra; 22 m., McAlpin entertainers

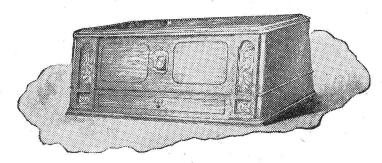
WNYC, New York, N. Y. (526m-570kc), 6 p. m., piano selections; 6:20, piano selections; 8, songs; 8:20, instrumental program; 9, piano selections; 9:30, instrumental program; 9, piano selections

orchestra.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.,
Ritz-Carlton orchestra; 8, recital; 9, WEAF; 10:30,
Sam Brown's dance orchestra.
Eastern Standard or Central Daylight

Saving Time Stations
KYW, Chicago, Ill. (535.4m-560kc), 5:30 p. m., dinner music; 6, Chicago Evening American; 7, Federal Master artists; 9:30-11, Congress carnival.

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"THFriday, August 27

fact, I believed force, Md. (245.8m-1220kc), 6:30-7 p. m., bonds yourselinner orchestra; 7:30-8, WBAL Jubilee this letter!" 8-9, musical program; 9-10, City Park or faltimore.

Tellyhew but after a lanson, organist; 9-10, Harmony Time and as he index artists.

me in arusts.
"WhadB, Clearwater, Fla. (265.3m-1130kc), 8:30-10
"WhadB, Clearwater, Fla. (265.3m-1130kc), 8:30-10
at Morand Weber, soprano; Mrs. Maude Sheridan, contralto; Mrs. F. S. Barrett, violinist.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 10-11, WGHP entertainers; 11-12, Skylark dance band and soloists.

concert from Hotel Tuller; 10-11, WGHP entertainers; 11-12, Skylark dance band and soloists.

WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 7, Million sing; 7:05, Old Fashioned Almanack; 7:15, Paul Ash; 8-9, music; 9, WEAF; 9:30, Phantom Violin; 10, Sam 'n' Henry; 10:10, Music Box; 10:22, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:35 p. m., WGY, 6:45, Remington Typewriter band; 7:45, Gaius and Gaius Jr., WGY players; 9, WJZ; 10, dance program.

WHT, Chicago, III. (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.

WIBO, Chicago, III. (329.5m-910kc), 9-12 mid, Club chez Pierre, Earl Hoffman's Chez Pierre Deriver Lenor; Irene Meinke, pianist; Chez Pierre Hawaiian quartet.

WLIB, Chicago, III. (302.8m-990kc), 11 p. m., sonss.

quartet.

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. VLS, 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; 8:30, College Inn orchestra; 9:30, Little Symphony of Chicago; 10:30, Medicine show; 11, Ralph Emerson, organist

Sympaohy of Chicago; 10:30, Medicine saws; 11, Raiph Emerson, organist, WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 8, George Simons, tenor; 8:30, Whitney trio; 9, Emerson Abernethy, baritone; 9:30, Olga Sandor, pianist, Wich. (241.8m-1240kc), Van Wyck's instrumental quartet; 10:10, Ramona Radio Nyck's instrumental quartet; 10:10, Ramona Radio

revelry.

WQJ, Chicago, III. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; R. G. Ball, baritone; Crystal Eaton Taylor, soprano; Henrieta Nolan, violinist; 10-2 a. m., Rainbo Gardens orchestra; Lauretta Giles, soprano; Dr. H. Lucille Long, harmonica; Harry Brooker, baritone; Frank Blasco, the boy tenor

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Gold standard ensemble, inner hour of music, Gold standard ensemble, peed-wagon serenaders. IVA, Richmond, Va. (256.3m-1170kc), 8:15 p. m., sillo and piano recital; 8:45, chimes; 9, songs and tories of England, Ireland, France; 10, Golden

Gate syncopators.

(275.8m-1090kc), 8-9 p. m., Terrace Gardeu orchestra, Henri Therrien, tenor; Matthews sisters, Carol Schaus, pianist; John Clark, baritone; Georgia Gray, violinist; 10-11, Georgia Gray, Sis Pierson, ballads; Hugh Boutay, blues;

Gray, Sis Pierson, ballads; Hugh Boutay, blues; Zola Haynes, pianist.

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, Whitall's Anglo-Persans from 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; 7:15, Fiddle an Bee; 7:30, Pete Radican's dance orchestra; 9, Harold Doyle, violinist; 9:30, WTIC's mai 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., Cowbell boys, violin and guitar; Beck's orchestra. KFNF, Shenandoah, Ia. (461.3m-650kc), 7 p. m., Sunday School lesson; 7:30, program, Lafe Corbin. KMA, Shenandoah, Ia. (461.3m-650kc), 9-11 p. m., Essex, Ia. band. KOIL, Council Bluffs, Iowa (305.9m-980kc), 6 p. m., Oakland-Pontiac orchestra; 8:30, Dresher Brothers program.

Oakland-Fornac Ordestra, 6.30, Diesier Brothers program. Springs National Park, Ark, (374.8m-800kc), 9:10-9:30 p. m., Ray Mullins orchestra; 9:30-10, New Arlington hotel orchestra.

KWCR, Cedar Rapids, Ia. (278m-1080kc), 4:15 p. m., musical hour and fashion talk by Denecke stores.

WAMD, Minneapolis, Minn. (244m-1230kc), 7:15 p. m., Huldah Johnson, contralto; Etta Landry, pianist; Tirzah Ferguson, violinist; 10, Skyrocket frolic.

p. m., Huldah Johnson, contralto; Etta Landry, planist; Tirzah Ferguson, violinist; 10, Skyrocket frolic.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Panther Hawaiian trio; 9:40-11, Artie Collins' dance orchestra.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m., Blue Devils orchestra; 8:30-9:30, Frank Renard club. WGBF, Evansville, Ind. (236m-1270kc), 7 p. m., A. L. Maxwell Company "Lincoln and Ford orchestra." WHAD, Milwaukee, Wis. (275.1m-1090kc), 6:10 p. m., Wisconsin theater organ recital, Arthur Richter. WHAS, Louisville, Ky. (39-8m-750kc), 7:30-9 p. m., operatic ensemble, Greater Louisville Savings and Building association.

WHO, Des Moines, Ia. (526m-570kc), 7:30-8 p. m., Philbreck and his Younker tea-room orchestra; 8-9, Robert Parker, cellist; Mrs. Robert Evans, soprano; June Bartlett, pianist.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Hotel Gayoso orchestra; 11, Midnight frolic, "Diana 8" orchestra.

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

WOS, Jefferson City, Mo. (440-9m-680kc), 8 p. m., Missouri roads, O. I. Steele; 8:05, "The Science and Art of Farming," Samuel M. Jordan; 8:20, Chie Scoggin, WOS male quartet.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, Mrs. Eva Thompson Jones, contralto; Mrs. Herman Myatt, soprano; Eleanor Grey Horn, pianist; 10, Mrs. Frances Gray Leftwich, soprano; Sam Woolwine, Jr., baritone; 10:30, F. Arthur Henkel, organist.

WOS. Milwaukee, Wis. (245.8m-1220kc), 9 p. m., Candygram review.

Mountain Standard Time Stations

Mountain Standard Time Stations

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra; 8, open-air concert, Denver municipal band.

Pacific Standard Time Stations

Pacific Standard 1 ime Stations

CNRV, Vancouver, Can. (291m-1030kc), 9 p. m.,
Walton trio, Helen Prestwich, contralto; Mrs. W.
E. Green, soprano; Alice Wilma Metz, violinist;
10:30, Cabaret Belmont orchestra.

KFI, Los Angeles, Calli, (467m-642kc), 7-8 p. m.,
program & popular songs by Lou Parker; 8-9,
Aeolian organ; 9-10, Golden Hour trio; 10-11,
Fackard ballad hould.

KFWB, Hollywood, Callf. (252m-1190kc), 7-8 p. m.,
program, Bert Farrar, Inc.; 8-9, program, John
Wright, The Right Tailor; 9-10, studio program;
10-11, Warner Brothes frolic.

KHJ, Los Angeles, Callf. (405.2m-740kc), 6:30-7:30,
p. m., Uncle John and the children; 8-10 p. m.,
Edison Record Shop ensemble; Grace Currey,
harpisan Record Shop ensemble; Grace Currey,
harpisan Record Callf. (239 m-990kc), 7-8 p. m.

harpist.

KNX, Hollywood, Calif. (336.9m-899kc), 7-8 p. m.,

Loitus Land Co. 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.

Saturday, August 28

Headliners Today

Eastern Central Mountain Pacific 7:25 6:25 5:25 4:25 (454.3m-660kc), WGY (379.5m-790kc) (468.5m-640kc), Stadium Philharmonic WIZ (4 WRC concert.

8:30 7:30 6:30 5:30 4:30 WWJ (352.7m-850kc), Goldman Band concert. 9 WLW (422.3m-710kc), Sekatary Hawkins club. 9:30 8:30 7:30 6:30 5:30 GN (302.8m-990kc), Correll and Gosden, songs. VIP (508.2m-590kc), Million Dollar Pier min-strels.

WTAM (389.4m-770kc), Studio vaudeville pro-11 10 9 8 7 WREO (285.5m-1050kc), Speed-Wagon enter-

12 11 10 9 KFAB (340-7m-880kc), Mike Kopac, pianist. 3 KFI (467m-642kc), KFI midnight frolic.

or stations silent tonight refer to first Saturday's list.

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 9 p. m., CFCA's summer orchestra.

CNRO, Ottawa, Can. (434.5m-650kc), 8 p. m., Chateau Laurier concert orchestra; 9, dance program.

WEAF, New York, N. Y. (491.5m-610kc), 4-12 midnight, Elmer Grosso and his orchestra; Greenwich Village Inn orchestra; Ben Bernie's Hotel Roosevelt orchestra; Rolie's Palais D'Or orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; 8, sports corner, Dr. Francos D'Eliscu; 8:15, recital, Marine studio; 8:30, Hotel Shelburne orchestra; 9:30, Million Dollar Pier Minstrels; 10:15, George Olson's orchestra; 10:45, Ted Weem's dance orchestra; 11:15, Wheeler Wadsworth orchestra.

WIZ. New York, N. Y. (454.3m-660kc), 7:05 p. m.

orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7.05 p. m., Waldorf Astoria roof orchestra; 8:25, Stadium Philharmonic concert, WRC, WGY; 10:30, Hotel Astor roof orchestra.

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

Eastern Standard or Central Daylight

Saving Time Stations PWX, Havana, Cuba (399.8m-750kc), 8:30-11 p. m., Cuban concert.

KYW, Chicago, Ill. (535.4m-560kc), 6 p. m., Chicago Evening American; 7, musicale; 8, Commonwealth Edison company program; 9:30-11, Congress carnival.

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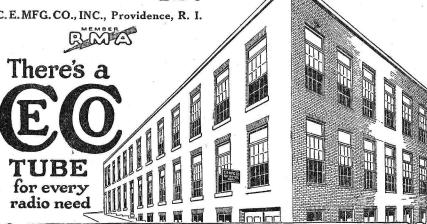


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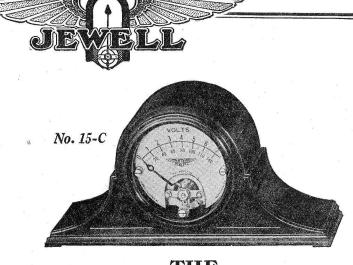
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CHICAGO

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Saturday, August 28

WBBM, Chicago, III. (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.

WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:35-7, Drake concert ensemble; Blackstone string quintet; 8, Auld Sandy; 8:10, Drake concert ensemble; 8:20, Correll and Gosden; 8:30-9, musicale; 9-9:30, light opera period; 9:30-10, musicale; 10, features.

ensemble; 6.20, Correl and Career, 7. Marcale; 9-130, Ilght opera period; 9:130-10, musicale; 10, features.
WGY, Schenectady, N. Y. (379.5m-790kc), 6 p. m., Onondaga hotel orchestra; 6:30, Shea's Buffalo hour; 7:25, WJZ; 9:30, dance program, Syracuse hotel. 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.

Al Carney; John Norton, harmonica solost; Al and Pat.

WKRC, Cincinnati, Ohio (422,3m-710kc), 10 p. m., Swiss Garden frolic; 11, Sam Jones, Columbia record artist; 11:15, Ace Brigode's Virginian's.

WLIB, Chicago, III. (302,8m-990kc), 7 p. m., Million sing; 7:05-7:15, Old-Fashioned Almanack; 7:15, dinner music; 7:30-8, Drake concert ensemble; Pattison Coates, baritone; 11-1:20, Correll and Gosden; 11:20, Ambrose Larsen, organist; Drake hotel dance orchestra; Liberty studio ensemble.

WLS, Chicago, III. (344,8m-870kc), 6:30 p. m., Al Melgard, organist; 7:15, barn dance.

WLW, Cincinnati, Ohio (422,3m-710kc), 7 p. m., Johanna Grosse, organist; 8, meeting, Sekatary Hawkins club; 8:30, Apollo club quartet; 9, Castle Karmers, Steppen

Farmers.

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Jack Chapman's orchestra; 8:15, Daw and Pratt; 9, Chicago theater weekly Radio

Daw and Fratt; 9, Chicago theater weekly Radio revue.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-Wagon serenaders, Gold Standard ensemble; 10-12, special program, Speed; Wagon serenaders.

WSAI, Clincinnati, Ohio (325.9m-920kc), 8 p. m., chimes; 8:15, news; 8:30, Bicycle Playing Card sextet; 9:30, Lelia Le Mar.

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.

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

Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m-880kc), 8:30-10:30
p. m., Harmony boys, vocal and piano; Little Symphony orchestra; Mike Kopac, king of the ivories.
KFNF, Shenandoah, Iowa (461.3m-650kc), 7 p. m., mixed program; 11, old-time music.
KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m., Ye Olde Tyme Gang.
KOIL, Council Bluffs, Iowa (305.9m-980kc), 7:30 p. m., Mona Motor Oil entertainers; 11, orchestra.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:40 p. m., Meyer Davis orchestra; 9:40-10, old-fashioned favorites, Lawson Reid.
WBAP, Fort Worth, Texas (475.9m-630kc), 8-8:30 p. m., Texas (475.9m-630kc), 8-8:30 p. m., Texas (475.9m-630kc), 6:30-7:30 p. m., Jimmy Joy's Baker hotel orchestra; 8:30-9:30, Willard B., Muse, enor; Ruth Muse, contralto; Lola Parrino, pianist; 11-12, Jack Gardner's Adolphus hotel orchestra; 11-12, Jack Gardner's Adolphus hotel orchestra; 11-12, Jack Gardner's Adolphus hotel orchestra; 17:30, Willard B., Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Louisville Music and Radio company; WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Walter Moore.
WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 7:30. Creighton educational period; 9. Omaha Printing company; 10, organ jubilee, Elks' Central Standard Time Stations

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. Andrew Jackson hotel trio; 8, barn dance.

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, program, Associated Packard dealers of California; also broadcast by 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 orchestra, June Parkers, blues singer; 9-11 Warner brothers frolic.

Sunday, August 29

Headliners Today

Atlantic Eastern Central Mountain Pacific 4 42 3 2 3 2 1 5 2 11 10 9 8 7 KPO (467m-640kc), Jim, Jack and Jean trio.

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

Atlantic or Eastern Daylight Saving Time Stations

CFCA, Toronto, Can. (356.9m-840kc), 11 a. m., St. Paul's Anglican church; 7 p. m., Timothy Eaton Memorial church; 9:30, musicale.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 6:30 p. m., Hotel Pennsylvania concert orchestra; 7:30, Cathay Tea Garden orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 4:15 p. m., community vocal and instrumental trio; 7:15, services, Holy Trinity church; 9:15, concert, Steel Pier, Atlantic city; 10:30, organ and vocal recital from Atlantic city; 10:30, organ and vocal recital from Atlantic city; 10:30, organ and vocal recital from Atlantic City high school.

WIZ, New York, N. Y. (444.3m-660kc), 7:05 p. m., Park Ave. Baptist Church Carillon, WGY; 7:25, Hotel Pennsylvania orchestra, WGY; 8, music; 8:15, Hotel Ambassador trio; 9:30, Godfrey Ludlow.

WMAAK, Buffalo, N. Y. (265.3m-1130kc), 7 p. m., Churchill tabernacle.

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

Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

KYW, Chicago, Ill. (535.4m-560kc), 3:30 p. m., studio concert; 8:30-10, classical concert.

WBBM, Chicago, Ill. (225.4m-1330kc), 12:30-2 p. m., Sacred classical concert, Eddie Hanson, organist, Staff artists; 4-6, musical matinee, Lee Sims; Charlie Lenzen, tenor; 8-10, melody hour, staff artists; 12. The Nutty club.

WGN, Chicago, Ill. (302.8m-990kc), 6:15 p. m. Uncell Walt; 6:45, 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, Atwater Kent musicale; 8:45, musicale; 9-10, Our Music Room; 10, feature program; 10:10, WGN studio ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:05 p. m., carillon; 6:20, WIZ.

WHT, Chicago, Ill. (329.8m-750kc), 6:8 p. m., Supplied of the string of the string children of the string chi

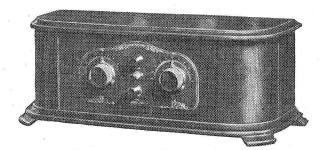
Rader.
WIBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., Sunday evening concert; 10-12, pouplar program,
WJAZ, Chicago, Ill. (329.5m-910kc), 7-9 p. m., Club
Chez Pierre Girvin trio.
WKRC, Cincinnati, Ohio. (422.3m-710kc), 10 p. m.,

classical program; 11:15, Swiss Garden frolic; 12, Marie Turner; 12:15, Ace Brigode's Virginians, WLIB, Chicago, Ill. (302.8m-999kc), 5 p. m., Liberty studio ensemble; 5:45, Edward Benedict, organist. WLS, Chicago, Ill. (344.6m-879kc), 10:45 a. m., U of Chicago church service; 12:30 p. m., Elsie Mae Look, organist; 7-8:55, WLS Little Brown church, WLW, Chicinnati, Ohio. (422.3m-710kc), 9:30 a. m., Sunday school; 11, Y. M. C. A. church; 3 p. m., municipal band; 7:30, Herbert Newman, organist; 8:30, Crosley Salon orchestra; Francis Trefzger, tenor.

wSAI, Cincinnati, Ohio. (325.9m-920kc), 7:45 p. m., chimes; 8, WEAF.
WSWS, Chicago, Ill. (275.8m-1090kc), 7-9:30 p. m., evening song service, Rev. Philpott.
WTAM, Cleveland, Ohio. (389.4m-770kc), 6 p. m.,

Hollenden Hotel orchestra; 7, Park theater tra; 8, twilight musicale.
WWJ, Detroit, Mich. (352,7m-850kc), 10 a. r.
Presbyterian church; 2 p. m., Detroit News
tra; 6:20, WEAF; 8:15, WEAF.

Central Standard Time Static KFNF, Shenandoah, Ia. (461.3m-450kc), 10:
First M. E. church; 2:30 p. m., Seed hoservice; 3, Swedish Mission church; 6:30, Rulle circle; 8, Christian church service
KLDS, Independence, Mo. (440.9m-450kc), 6:30
vesper service, Bertha Burgess, musical direct sermonet, Ralph W. Farrell; 9:15, Robert Mille organist.
KMA, Shenandoah, Ia. (461.3m-650kc), 4-5 p. m., Harmony Four quartet; 5, Rev. L. A. Lippitt.



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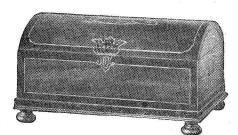
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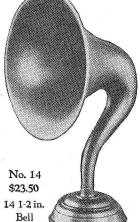
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Velvet Radio Speakers





Sunday, August 29

Council Bluffs, Ia. (305.9m-980kc), 7:30 p. m., stonians; 11, program. Hot Springs National Park, Ark. (374.8m-9:10 p. m., Meyer Davis ensemble. Fort Worth, Tex. (475.9m-630kc), 11 a. m., Methodist church; 9:30-11, Sorin White Top cas orchestra.

Methodist church; 9:30-11, Sorin White Top

AA, Dallas, Tex. (475.9m-630kc), 6-7 p. m.,
Radio Bible class; 8-9, First Presbyterian church;
11-12, Tom D. Collins and his symphony orchestra.

WOAW, Omaha, Nebr. (526m-570kc), 2:30 p. m.,
classical; 9, chapel service.

Mountain Standard Time Stations

NOA Power Cole. (232 to 232 to 2

KOA, Denver, Colo. (322.4m-930kc), 10:55 a. m., Trinity Methodist Episcopal church; 4:30 p. m., Shad J. Tinsley, organist; 7:40, Trinity Methodist Episcopal church.

Episcopal church,

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,

Bob Bottger's Venetians; 10-11, Packard Six dance
orchestra, Dolly MacDonald, soloist.

KFWB, Hollywood, Calif. (252m-1190kc), 9-11 p. m.,

Sunday night movie frolic.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m.,

evening service, First M. E. church; 8-10, Orpheus

Four male quartet.

Monday, August 30

18n guitar. 9:30 8:30 7:30 6:30 5:30 WBAP (475,9m-630kc), Allene Patterson Duff, contralto. 12 11 10 9 8 CKY (384.4m-780kc), Capito1 theater revue.

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

Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving
Time Stations

CKNC, Toronto, Can. (356.9m.840kc), 9 p. m., Eveready Little Symphony orchestra; Capital quartet.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m.,

N. Snellenburg recital; 8, Carolyn Thomas, soprano;
Ella Jacquet Kratz, pianist; 8:30, The Two Rascals;
8:45, The Merry Minstrels; 9:30, Tony and Joe,
Italian comedians; 9:45, Chalfont sisters, barmony
songs; 10, recital; 10:45, concert.

WJZ, New York, N. Y. (484.3m-660kc), 7:05 p. m.,
Hotel Madison dinner orchestra; 7:55, John B. Kennedy; 9, Maxwell House coffee ensemble; 10:30, Harold Leonard's Waldori-Astoria roof orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:15 p. m.,
Arcadia cafe concert orchestra; 10:30, vaudeville features, Fay's theater; 10:45, Ben Franklin ElPatio dance orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 6:15 p. m.,
Philoc Battery serenaders; 7:30-8:15, Buffalo athletic clul; 8:15-9, WGY.

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; 10:30, Hotel Shelburne orchestra; 11,

Jack Denny's orchestra; 11:30, Club Brighton orchestra; 12 m., McAlpin entertainers
WOR, Newark, N. J. (405.2m-740kc), 6:15 p. m.,
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 quinter;
11:15, Ben Bernie's Berkeley-Carteret orchestra.
Eastern Standard or Central Daylight
Saving Time Stations
WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-10
p. m., Virginia Girl; Max Hartlett, pianist.
WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner
concert from Hotel Tuller; 8:30-9, studio program;
9-10, WGHP ensemble and soloists.
WKRC, Cincinnati, Cnio (422.3m-710kc), 6:15 p. m.,
Alvin Roehr and his Hotel Alms orchestra; 8,
Eugene Schmitt, baritone; 8:15, dance program; 8:45,
Eugene Perazzo, pianist; 9, American Legion; 12,
popular program.
WI.W. Cincinnati, Ohio (422.3m-700kc), 7 p. m., Rob-

popular program, WLW, Cincinnati, Ohio (422,3m-700kc), 7 p. m., Robert Visconti's orchestra; 8, Commercial Tribune feature; 9, Calumet Powder, Rainbo Gardens hour.

feature; 9, Calumet Powder, Rainbo Gardens hour, WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-Wagon serenaders, Gold Standard ensemble.
WSAI, Cincinnati, Ohio (325.9m-920kc), 9 p. m., operatic concert; 10, Harmony Four orchestra. 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.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7:30, Goldman band concert; 9, Detroit News orchestra.

concert; 7:30, Goldman Dailed Collect, News orchestra.

Central Standard Time Stations

CKY, Winnipeg, Can. (384.4m-780kc), 11 p. m., Capitol theater revue.

KFNF, Shenandoah, Iowa (461.3m-650kc), 7 p. m., concert; 8, poultry talk.

KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m., Corey and Carl. KMA, Shenandoah, Iowa (461.3m-650kc), 9-11 p. m., Corey and Carl.
KMMJ, Clay Center, Nebr. (228.9m-1310kc), 8 p. m., Old Trusty Juvenile band,
KOIL, Council Bluffs, Iowa (305.9m-980kc), 6 p. m., Hotel Lassen; 7:30. Inner-Circle Candy program; 9, Radio Jazz orchestra; 10, Barnyard Twins.
KTHS, Hot Springs Mational Park, Ark. (374.8m-800kc), 9:10-10 p. m., comedy gems, Meyer Davis orchestra; Clyde Foley, tenor; 10-10:30, Ray Mullins orchestra.

orchestra; Ciyde Foley, renor; 10-10:30, Ray Mullinis orchestra.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., Allene Patterson Duff, contralto; 9:30-11, Grapevine Fiddle band.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m., Hauulea School of Hawaiian music 8:30-9:30, agricultural program.

WHAD, Milwaukee, Wis. (275m-1090kc), 6:10 p. m., Arthur Richter, organist; 8:30, Waldemar Schueler, planist, and Myrtle Spangenberg, soprano; Cliff Borchardt, baritone, and Vent Callahan, harmonica king.

Borchardt, baritone, and Vent Callahan, narmonica king.

WOAW, Omaha, Nebr. (526m-570kc), 6:50 p. m., orchestra; 9, classical,
WOS, Jefferson City, Mo. (440.9m-680kc), 8 p. m.,
Big Four string band.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m.,
Andrew Jackson hotel trio; 8, studio program; 10,
Vito and his Radio Seven.

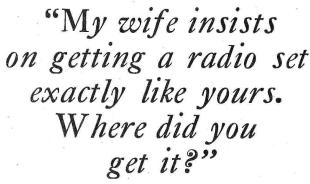
Mountain Standard Time Stations

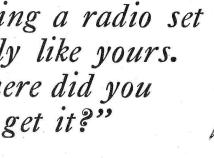
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra; 8, Scheuerman's Colorado
crochestra; 8:15, scientific football, Tom McNamara;
8:25, Denver Union Racific Shop Employe's band.

Pacific Standard Time Stations

8:25, Denver Union Pacine Tottoan, 10m McNamara;
Pacific Standard Time Stations

KFI, Los Angeles, Calif. (467m-642ke), 7-8 p. m.,
Owen Fallon's Californians; Jackie Lucas, soloist;
8-9, classic hour; 9-10, program, Walter M. Murphy
Motors company, also broadcast by KFO; 10-11,
program arranged, Meiklejohn brothers,
KFWB, Hollywood, Calif. (252m-1190ke), 7-8 p. m.,
program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, The Sealy company; 9-10, program, American Dye Works; 10-11, Warner brothers,
frolic,





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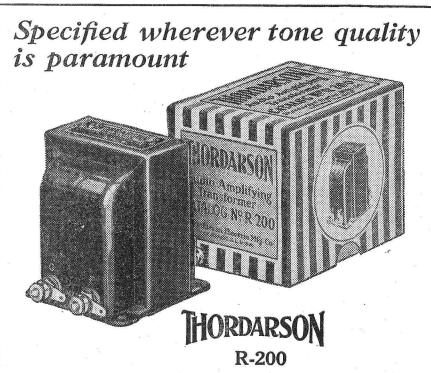
WEAF-New York
WJAR-Providence
WEEL-Boston
WEI-Boston
WYAG-Worcester
WFI-Philadelphia
WGC-E
WGC-E
WGAE-Pittsburgh
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WTAM-Cleveland
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Tuesday, August 31

Headliners Today

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

Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (32.24m-930kc), 9 p. m., Shakespearean evening, Lt. Col. A. E. Barton, Lorne McKendrick, Russell McCharles, W. V. George, Mrs. F. A. Taylor, Ida Bremmer Malcolm, Dorilda Gastonguay Affleck; 11, CNRA dance orchestra.

WCAU, Philadelphia, Pa., (277.6m-1080kc), 7:30 p. m., Snellenburg recital; 8, concert; 8:10, The Three Brothers; 8:25, Peter Ricci, baritone; 8:45, Charles Higgins, popular songs; 9, Kuehnle's artists; 10, Billy Hays' Cathay dance orchestra.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:45 p. m., Adelphia Roof Garden orchestra; 8, WEAF; 10:30, Greenwich Village Inn orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, Steeplechase Pier dance orchestra; 8, 30, Steel Pier Minstrels; 9, Chalfonte Haddon dual trio; 16, Emo's weekly movie talk; 10:30, Cummin's Kentuckians dance orchestra; 11, Silver Slipper Supper club dance orchestra; 11:30, Seattle Harmony Kings.

WIZ, New York, N. Y. (454.3m-660kc), 7:05 p.m., Frank Dole; 7:20, Waldorf Astoria roof orchestra; 9, Pennsylvania Railroad hour; 10, Cook's Southern Hemisphere Cruise; 10:45, Geo. Olsen's Hotel Pennsylvania roof orchestra.

WMCA, New York, N. Y. (340.7m-880kc), 6:45 p. m., Jack Windrow, ukelele and songs; 7, Monte Carle by-the-Sea orchestra; 9, Paul Whiteman's Picality Players; 9:30, Columbia Park entertainers; 10:30, Hotel Shelburne orchestra; 11, Ernie Golden and he Hotel McAlpin orchestra; 12 m., McAlpin orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:45 p. m., Hotel Bretton Hall string quartet; 7:30, Premier Club orchestra; 8:15, Vanderbilt Hotel orchestra, 9, Donald H. Baker, organ recital; 9:45, Jimmy Caruso's frolic; 10:15, Ritz-Carlton dance orchestra.

Eastern Standard or Central Daylight Saving Time Stations

KYW, Chicago, III. (535.4m-560kc), 6 p. m., music hour; 7, farm bureau; 8, classical concert; 9:30-11,

wBBM, Chicago, III. (225.4m-1330kc), 5:15-6 p. m., recital, Eddie Hanson, organist; 8-9:30, melody hour, staff artists; 9:30-10, Moss covered melodies; 10-11:30, Varietay hour, Lee Sims, Smith and Ford and staff artists; 11:30-12, Supper club, Howard Osburn's Vanity Fair cate orchestra.

WGHP, Detroit, Mich. (270m-1110kc), 6 p. m., dinner concert from Hotel Tuller; 8:30-9:30, Dodge Brothers concert band; 9:30-10, studio program.

WGN, Chicago, III. (302.8m-990kc), 6:15 p. m., Uncle Walt; 6:45, Drake concert ensemble, Blackstone string quintet; 8-9, Eveready hour; 9-10, Grand popera; 10-10-10, Sam 'n' Henry; 10-10-11, musicale. WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., The Land of the Midnight Sun; 6:45, agricultural program; 7:30, WJZ, 8, WJZ.
WHT, Chicago, III. (399.8m-750kc), 7-8:30 p. m., Al Carney, organist; Riverview Melody Masters; 8:45-10:15, (235m-1260kc), organ; orchestra; 10:30-1, (399.8m-750kc), Al Carney, organist; Bel Canto male quartet; Ann Slack, cellist; orchestra.
WJAZ, Chicago, III. (329.5m-910kc), 9-12 mid., Club Chez Pierre Earl Hoffman's Chez Pierre orchestra: The Quips that Pass in the Night; William Hayden, tenor; Helen Jackson, pianist.
WLIB, Chicago, III. (302.8m-990kc), 7 p. m., Million sing; 7:05, Old Fashioned Almanack; 7:15, dinner music; 7:30, WEAF; 11, Correll and Gosden; 11:20, Ambrose Larsen, organist; orchestra.
WLS, Chicago, III. (344.6m-870kc), 6:45 p. m., College Im orchestra; 8:20, Ford and Glenn.
WLW, Clincinnati, Ohio. (422.3m-710kc), 6 p. m., opening exercises, Twelfth Annual Pure Food show;

WLW, Cincinnati, Ohio. (422.3m-710kc), 6 p. m. opening exercises, Twelfth Annual Pure Food show; 9. Formica symphony orchestra.

9, Formica sympnony orenestra.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p m.,
Ye Olde Tyme Songe Feste; 9:45, Melissa Dvorak,

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner hour of music, Speed-wagon serenaders, Gold Standard ensemble; 8:15-9:45, band concert, Natural Amphitheater,

Amphitheater.

WSAI, Cincinnati, Ohio. (325.9m-920kc), 7 p. m.,
WEAF; 7:30, accordion soloist; Ray Lombardi, baritone; 9, Maids of Melody, Lola Bruce.

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), 8:05-10:30 p. m., University of Nebraska.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10 p. m., Lawson Reid, organist; 9:45-10:30, Meyer Davis orchestra.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30, p. m., Clyde Massengale, baritone: Florence Massengale, pianist; 9:30-11, Wagoner Hawaiian trio.

gate, planist; 9:30-11, wagoner hawanian trio.
WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,
Louisiana serenaders; 8:30-9:30, Bon Sory Robertson; 11-12, Jimmy Joy's Baker Hotel orchestra.
WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m.,
studio concert, auspices Mrs. Jane Webster Murrell,

soprano, WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., musical program; 11, Britling's Cafeteria orchestra. WOAW, Omaha, Nebr., (526m-570kc), 6:20 p. m., popular song period, Lillian Madsen; 6:50, orchestra; 9, George H. Lee company; 10:15, WOAW Radio Movie club.

WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m., Vincent Kuhn, baritone; Lillian Watt, soprano; Casper Kuhn, violinist.

Mountain Standard Time Stations

CNRR, Regina, Can. (312.3m-960kc), 8 p. m., Mc-Quarrie's concert orchestra; Pragnall trio. KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown Palace string orchestra.

Pacific Standard Time Stations

Facinc Standard Time Stations
KFWB, Hollywood, Calif. (252m-1190kc), 7-8 p. m., program Morris and company; 8-10, studio program; 10-11, Warner Brothers frolic
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., weekly visit of Queen Titania and the Sandman; 8-10, de luxe studio program; 10-11, L. A. Ry. dance orchestra.
KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, John A. Vaughn corp.; 7:45, health talk; 8-9, Builders' Finance ass'n program; 9-10. Western Auto Supply Co. program; 10-11, Edgewater club dance orchestra; 11-1 a. m., Ambassador Hotel dance orchestra.

"PRETENSE"

(Continued from page 14)

of the time he devoted himself to the women patrons with appalling success. Tall, slender, lithe, handsome in the dark, Latin way, his appeal was undeniable. He was like a bare flame, a fatal beacon for thoughtless moths. Had he possessed a soul it would have been scarred by innumerable affairs tragic for others. Boris nentally referred to him always as "The Snake."

Masilof looked up now, to find Ricardo gazing straight at him, a devilish, mocking light in his black eyes, his sensuous mouth twisted into a grimace that was more a sneer than a smile.

more a sneer than a smile.

"Several of your friends are disappointed at your being monopolized tonight," said the dancer suavely. "Especially Jack," he added significantly.

Prince Boris flushed in spite of his effort at self-control. His eyes sparkled angrily. Damn the fellow! How had he found out? Through Jack, of course. But to sit there and mock him before the only person he cared about knowing everything! Masillof's fists clenched until he winced at the pain of the nails biring into his palms. To be ridiculed by such swine! He longed to smash Ricardo's smirking face. smirking face.

"I shall do as I please!" snapped Prince

The girl was trying to appear disinterested but she looked askance at the remark. Ricardo smiled as though pleased

WITH a sudden crash the orchestra began a popular number. Evelyn accepted his quick invitation to dance and they whirled away. Masillof gulped the last of his drink and set the glass down with an angry click. He had aged ten years in as many minutes. His face was as impassive as a mask but a network of wrinkles were etched about his eyes. His mind was in a turmoil. He found himself unable to think clearly, to

decide what to do. But he mus thing. His soul cried out for couldn't stand this pretense

couldn't stand this pretense
"You sure look glum tonigh
feminine voice at his elbow.

He glanced up into the impish,
face of Frascita, the dancer. One of
headliners at the Club Royale, it was
business to be alluringly Latin and otic. Her clothes were a riot of claim
color; her hair raven black; her complex
ion a rich warm olive. She played her
part to the complete satisfaction of all
but a few. Prince Boris was one of the
doubters. He possessed only a working
knowledge of Spanish, yet her accent was
not as good as his own. And she spoke
English too well—especially slang. Without make-up her complexion was anything
but a rich warm olive. And her eyes were
blue. He had his suspicions that she was
Irish. She impressed him as the type
whose relatives would be bartenders,
washerwomen and prize-fighters. But he
knew that the general public could not

washerwomen and prize-fighters. But he knew that the general public could not conceive of an alluring Irish dancer, so she was Spanish with the romantic name of Frascita. That infernal pretense again! How he hated it!

She dropped into the vacant chair beside him with cool assurance and lighted a cigarette with practiced dexterity, inhaling the smoke easily with evident relish. Then she surveyed him deliberately, her eyes half-closing to guard against the up-curling smoke. Finally she gave him a half contemptuous smile.

"You look like the last rose of summer."
"I'm tired," he admitted without looking at her, his slender fingers toying with the

at her, his slender fingers toying with the silver.

"Tired of what?"

He stared at her suddenly, anxiously. "Just tired, that's all," he snapped.

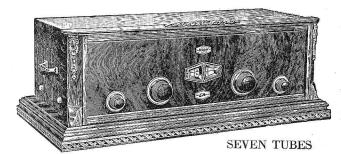
VELYN and Ricardo returned, the girl smiling and prettily flushed, the man calm and debonair as usual, not even a single hair disturbed in the not even a single hair disturbed in the glossy black sheath that topped his well-shaped head. That hair always irritated Masillof. Long sideburns dripped from either side and it descended so far in the back that, with the shaved neck, it made one think of a wig.

Ricardo ordered drinks. He and Frascita sipped theirs slowly. Boris drained his glass in a gulp. Evelyn frowned and

cita sipped theirs slowly. Boris drained his glass in a gulp. Evelyn frowned and left hers untouched. She objected to alco-hol in large quantities. Masillof realized his eyes. His mind was in a turmoil. He that he shouldn't have taken that last found himself unable to think clearly, to drink. He had had enough already. But

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whirling round in the most ion. He trembled with exand anger. He was furious at at himself, at everybody. But y at Frascita. The dancer was ally at Frascita. The dancer was ing herself whole-heartedly to him ie could see growing disapproval in n's face. e conversation turned to love. All

resent had interesting experiences to relate and ideas to advance.
"Prince Boris is my idea of a perfect

lover," said Frascita with an arch glance at Masillof.

Evelyn stared. Her eyes held a dangerous light.

"Is that just an opinion or-" she demanded with deadly calm, then paused, unable to finish. But the sudden flush in her cheeks indicated her feeling.

Frascita shrugged and smiled provokingly the state of the s

ingly at Masillof in a way to give the inference that her remark was prompted by much more than mere opinion.

"Thanks for the compliment," Boris with a mechanical smile. retorted "But it

Boris with a medianical is entirely unjustified."

He glanced meaningly at Evelyn. She tossed her head and looked away. Under the polished, unperturbed exterior, he was aflame with rage. Frascita seemed to be deliberately hinting that he had been intimate with her. He had never been more than civil. And no one knew it any better than she did. What could be her purpose? Ricardo extended his cigarette case to

Evelyn.
"Won't you have one of my special

blend?" he invited.

Boris looked up quickly, his face crying an awful warning. He knew the dancer's system—develop future customers by giving them three or four of his "special" blend. Then when the person's shocked nerves craved the so-called "special blend" Ricardo sold the cigarettes for five dollars each. Another victim in the clutches of a soul-shattering habit.

UT the girl disregarded his inarticulate warning, accepting one of the little white rolls. Masillof fumed inwardly. He knew why she had done that. Defiance was visible in her eyes. that. Defiance was visible in her eyes. She was piqued at him and Frascita. He wanted to strangle the woman dancer. But she was so smoothly persistent. She seemed to be in love with him. Or was she in love with the beautiful jewels which he sometimes exhibited to his friends? More likely the latter.

It was immediately evident that Ricardo

begged for a bracer. His head | called his blend "special" with justificacalled his blend "special" with justinea-tion. The odor of the cigarette was peculiar. Even the color of its smoke seemed different. And the effect on Eve-lyn was striking. She paled. The pupils of her eyes dilated. Her smile became wide and set; her breathing quick and shallow. Her voice rose and grew shrill.

She laughed hysterically without cause.

Boris raged inwardly. He was afraid,
too—for Evelyn. She would be sucked
under by this mad vortex of heedless night life if she hadn't the power or the desire to resist it. The rocks were so perilously close and so appallingly easy to reach. And Ricardo! Boris choked with wrath as he thought of the dancer. The night's revelry had passed the peak

of hilarity and was rapidly descending into sodden stupidity when Evelyn announced her intention of going home. Prince Boris rose with calm assurance. But like the sudden releasing of a coil of steel wire Ricardo leaped to his feet, one slim, crooked-fingered hand resting on the girl's arm, gently but unmistakably pos-sessive. The sight of those smooth brown fingers against the bare white flesh fired Masillof's soul like a match held to gun-powder. His heart raced. The blood pounded in his temples. For the first time

in years emotion mastered him. His arm shot forward and knocked Ricardo's hand He noted with delight the blood rushed into the dancer's swarthy cheeks, giving the face a swollen, threat-ening look, and hoped the fellow would offer opportunity for further hostilities.

But Ricardo's methods were less direct. His flexible upper lip slowly lifted in a cynical snarl, baring his teeth as does a cornered animal before its superior. His eyes remained cold and deadly, riveted to Masillof's face, and the fires of the devil smoldered in their inky depths. But his hand returned to the girl's arm.
"I am taking Miss Brent home," he announced.

"Of course you are, Ricardo," assented Evelyn with a scornful glance at Fras-cita. "Let's go."

Ricardo with his deadly cigarette and the ominous presence of hired gunmen bring out the man beneath the mask of the prince in Masiloff—and you'll be interested to see what happens to Evelyn in the final chapter of this fascinating story of "Pre-tense," in Radio Digest, September 1.

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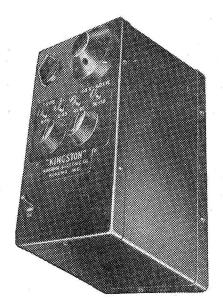
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A trial will convince you.

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"THE FALL GUY"

(Continued from page 10)

office opened and several men came out Dick recognized three of them as traction directors. They were talking in low tones as they passed out into the corridor.

R. TELLYHEW will see you

now," said Kane.
"Thank you," responded Dick politely as he entered the lion's den.

Tellyhew was pacing up and down the room. Dick stood for a moment unnoticed. Then, as Tellyhew saw him, he stoned short

"Good morning, Standish," he said, rather grimly. "Sit down."
"After you," responded Dick with a slight nod.

"No; you sit. I can talk better when I walk. I want to tell you our side of this matter, and then you will be at liberty to take such action as you see fit." Dick slipped easily into a chair and waited. Tellyhew continued:

Tellyhew continued:

"We were surprised at receiving your communication. We believe the city of Valley View is taking an unreasonable attitude with reference to this Rosehurst matter, but—well, we'll let that pass. Most people seem to think that a corporation has no heart—that it is operated on cold-blooded business lines that spread out like the tentacles of some gigantic octopus, seeking to crush everything within its grasp.

"Well, I'll have you understand, Standish, the Suburban Traction company has a

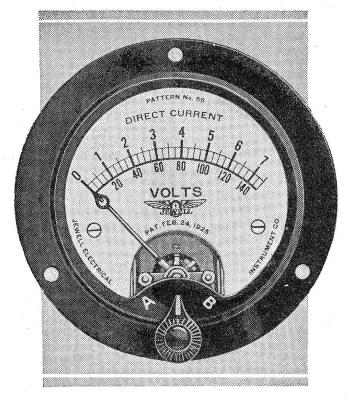
"Well, I'll have you understand, Standish, the Suburban Traction company has a heart and a big one. We admit that the Rosehurst people have a just complaint." He stopped in front of Dick. "You can go back and tell your mayor and city commissioners that we will start work on the Rosehurst line at once."

Dick sprang to his feet. "Do you mean that, Mr. Tellyhew?"
"Every word of it."

"Every word of it."

"Every word of it."
"Then I want to say that you're my kind of a man. Will you take my hand?"
"Take it?" cried Tellyhew, with more enthusiasm than Dick had ever seen him display before. "I should say I will." And he did. "And now that the traction business is out of the way, let me tell you that Alice took all the wind out of my sails with her manipulation of those bonds. I had to tell Stevens the whole thing and get him to agree to hush it up." thing and get him to agree to hush it up.

DON'T GUESS: MEASURE VOLTAGE



WATCH THE VOLTMETER (Continued from page 11)

time acts as a control for the "Off" and "On" control of the receiver.

Figure 5 is the front view of a combination voltmeter capable of taking readings for both A and B batteries, which is finding much favor owing to its simplicity of operation. In this device a small know

He laid both hands on Dick's shoulders and looked him squarely in the eyes. "We tried to make you the fall guy, young man, but you came through! Alice is a great "Good to her," Dick replied: "Til be the best husband she's ever had!"

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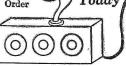
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together in the receiver wirn Figure 7 is a rear view of the together with the essential wirn gram. Figures 6, 8 and 9 indicate wiring

grams of voltmeter connections for three and four stud instruments, with M without jacks. The four stud instrument being identical with that of the three stud with the exception that the four stud in-

with the exception that the four stud instrument incorporates a separate resistance for the high readings.

Guess-work is always penalized by guess results, one cannot tell whether "cherry red" represents 5 volts or three. Taking the guess-work out of filament temperatures, and the voltage of B batteries is well worth the small expenditure.



MOUNTAINS" from page 4)

enterprise. He is a and is considered one ed amateurs in the He has applied his gineering skill to the work of

2 ar station personnel in making 0-watter 100 per cent efficient. members of the staff are M. G. mick, assistant announcer; Byron C. . r, program director; Wm. K. Aughenbaugh, chief operator, and Lester Davis, assistant operator. Theodore Arter, Jr., is vice-chairman of the board of directors.

is vice-chairman of the board of directors.

A full schedule is maintained. Monday is the only silent day. There are thirty-two programs each week. Special studios are maintained in all the principal public buildings and hotels in Altoona. There are also special broadcasting facilities in the First Methodist, First Baptist, St. Luke's, Christ Reformed and St. Mary's German Catholic churches.

WEAO, OHIO STATE "U"

(Continued from page 5)

the departments. He opens the principal evening program of each week with chimes music, played at Orton hall, and then hurries over to the studio to tell a story to the children. Thousands of Ohio boys and girls know him as "Uncle Al."

Robert Coleman joined the staff as studio announcer after having had considerable experience as musical director and organizer at one of the student centers near the Ohio State campus.

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Closing out all of my Radio stock. 200-ohm potentiometer with silver knob and ohm potentiometer with silver knob and dial, 10 cents; Howard rheostats 6½, 6¾ cm 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.

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night from WEAO. This hour is the oldest of the regular programs of the sta-tion, and Derringer probably is the most popular singer of the many individuals heard frequently. Among women singers, Dorothy Stevens Humphrey, who is known alike to Central Ohio and the Chicago district, where she appeared in concerts extensively and sang from WIBO, probably is first choice.

Mrs. Ann Charles has had the assignment of carrying out WEAO's policies for more than two years. She plans her programs, lectures, plays, etc., well ahead, listing in the fall the schedule of educational material for the whole winter. During the past season the variety of subjects covered would have given a liberal jects covered would have given a liberal education to anyone following them, and the indications are that hundreds or thousands in Ohio do so.

The list included eye conservation talks, Radio, household economics, dairy and livestock talks, sports discussions, golf talks by one of the leading golfers of the country; psychology in business, child country; psychology in business, child training and education; elementary points of law, market trends, sanitation and health matters, practical science and chemistry, veterinary medicine, gardening and landscape, architecture, art, journalism, finance, income taxes, physical training, electrical engineering—in fact, lectures and talks representing almost every department of every college on the campus. In addition the station has sent out addresses on special subjects by many out addresses on special subjects by many noted educators, scientists and visiting celebrities.

RADIO FILLS CHURCHES

(Continued from page 3)

addition to it, or a substitute where actual

attendance is impossible.

A large number of the stations not owned or operated by religious bodies have the Sunday service in charge of

REE TUNING CHART

Shows wave set is tuned to. Tells where to set dials for any station. Identifies programs received.

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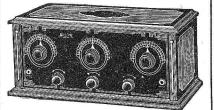
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Able Tool & Engineering Co. 536 W FLM ST CHICAGO, ILL. various local churches in rotation, a plan which seems satisfactory to all of them. Well-known hymns are the most popular parts of the program and many letters are received asking for this or that particular old favorite. Prayers are avoided by some ministers as not being suitable for this purpose. Most of them try to keep away from specific doctrines and to avoid anything that might be offensive to a listener of another faith.

Collections Are Growing

In fact, it is the fostering of this spirit of broadmindedness and tolerance that several writers gave as being the great contribution of Radio to religion. Stations giving violent and radical religious expression are most apt to be tuned out, while the service run on the strictly humanizations and undenominational lines.

while the service run on the strictly humanitarian and undenominational lines, like the Little Brown Church of WLS, offends no one, whatever his belief.

The size of Radio church audiences cannot be computed. Most of the stations in the survey admit frankly they do not know, while some make qualified estimates of 1,000 up to 200,000, but no satis-

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expensive "extras" to buy.
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R.B. SPECIALTY COMPANY

Dept. A-47 308 East Third Street CINCINNATI, OHIO

factory means of counting Radio audiences has been determined

ences has been determined.

One feature of growing importance in church Radio is the collection. This is particularly significant, as it must be purely voluntary and straight from the heart. One church writes that in three years their Radio gifts have reached \$8,000 without any appeal for funds. The Y. M. C. A. of one town received \$400 in the season also without any solicitation. one season, also without any solicitation.
One writer comments that the man who

is not ashamed to slip a dime in the col-lection box in church does not hesitate to slip a dollar bill into an envelope in grațitude for some Radio service which he finds particularly inspiring.

THE McQuiddy Press

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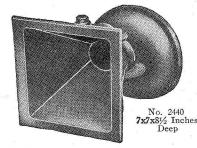
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45 volts, \$5.25; 90 volts, \$10.00; 112½ volts, \$12.50; 135 volts, \$14.75; 157½ volts, \$16.80. Truly the biggest buy today. Easily charged on any current including 32-volt systems. Any special detector plate voltage had. Tested and approved by leading authorities such as Popular Radio laboratories. Over 3 years sold on a non-red tape 30-day trial offer with complete refund if not thoroughly satisfied. Further guaranteed 2 years. Knockdown kits at great savings. Complete "Hawley" "B" battery charger, \$2.75. Sampel cell, 35c. Order direct—send no money—simply pay the expressman cost on delivery. Or write for my free literature, testimonials and guarantee. Same Day shipments. B. Hawley Smith, 817 Washington Ave., Danbury, Conn.

Radiophone Broadcasting Stal. S. U.

Corrected Every Issue-Part II

NE DOLLAR will be paid to the Radio fan reader of Radio Digest submitting the most errors in any one station's listing in the Direc-tory 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 cor-rected. 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 ir you can ind 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 abellong.

United States (Cont'd)

(Note—The second part of the schedule list appears below. The first appeared last issue.)

(Note—The second part of the schedule list appears below. The first appeared last issue.)

KMTR, Los Angeles, Calif. 238m-1260kc. 500 watts. Echophone Mig. Co.

KNRC, Los Angeles, Calif. 208.2m-1440kc. 500 watts. C. E. Boone. Announcer, Tom Mitchell. Mon. 2-3 pm; 8-10. Tues. 8-10 pm. Wed, 7-10 pm. Thurs. 2-3 pm; 8-10. Fri, 8-10 pm. Sat, 8 pm. Pacific. KNX, Hollywood, Calif. 336-9m-890kc. 500 watts. Los Angeles Evening Express. Announcer, "Town Crier." Daily ex Sun, 7:30 am, exercises; 8, prayer; 8:55. time; 9, news; 10, Town Crier; 10:30, economics; 1:30 pm, book talk; 2-4, 4:55, markets; 5, children's half-hour; 5:30, music; 6, Town Tattler; 6:15, travel talk; 6:30, funer music. Mon, Tues, Wed, Thurs, Fri, 7-12 midnight. Sat, 7-2 am. Sun, 10-12:30 pm, church service; 12:45-1:45, 2-4, 6:30-9, 9-10:30. Pacific.

KOA, Denver, Colo. 322.4m-930kc. 5,000 watts. General Elec. Co. Daily ex Sun, 11:45 am, weather, road reports, markets; Daily ex Sat, Sun, produce. Daily ex Sun, 12:15 pm, organ. Tues, Thurs, Fri, 3:15 pm, relaxing exercises, matinee for housewives, culinary hints, fashion review. Daily ex Sat, Sun, 6 pm, shocks, markets, produce, news bulletins; 6:30 pm, dinner concert. Mon, 7:30 pm, Sandman's hour. Tues, farm question box. Wed, Book of Knowledge. Thurs, dinner concert. Mon, 7:30 pm, Sandman's hour. Tues, farm question box. Wed, Book of Knowledge. Thurs, dinner concert. Fri, Sunday school lesson. Mon, Wed, Fri, 8 pm, orchestra; 8:15 pm, regular program. Wed, 10 pm, dance program. Sat, 9 pm. Sun, 10:30 am, and 7:30 pm, service; 5 pm, music. KOAC, Coveribitated Colleges.

Mon, Wed, Pri, 8 pm, orchestra; 8:15 pm, regular program. Wed, 10 pm, dance program. Sat, 9 pm. 10:30 am, and 7:30 pm, service; 5 pm, music. Mountain.

KOAC, Corvallis, Ore. 280.2m-1070kc. 500 watts. Oregon Agricultural College.

KOB, State College, N. M. 348.6m-860kc. 1,000 watts. N. M. College of Agri. & Mech. Arrs. Announcer, Robert Stewart, Slogan, "The Sunshine State of America." Daily 11:55-12:30 pm, time, weather, road reports, news; 9:55-10:10, time, weather, news; 9:55-10:10, time, weather, news; 9:55-10:10, time, news; 9:10-10:10, time, news; 9:10-10:10, time, news; 9:10-10:10, time, news; 9:10-10:10, thurch service, Pacific. Mon, Tues, Wed, Thurs, Fri, 8-10 pm, Mon, 10-11 pm, 9:10-10:10, church service, Pacific. Mon, Thurs, Fri, 6-7 pm, Sun, 7:50-9 pm, service; 9:15-10:15. Pacific. Wash, 305.9m-980kc, 1000 watts, Bert F. Fisher, Tues, 7-8 pm, 8-9. Wed, 8-9:30, 9-10. Fri, 7-8 pm, 9-10, 10:15-12. Sun, 1-2 pm, 9:10-10:10, church service, Pacific. Mon, Thurs, Fri, 6-7 pm, Sun, 7:50-9 pm, service; 9:15-10:10, church service, Pacific. Sun, 1-2 pm, 9:10-10:10, church service, Pacific. Announcer, Clair E. Mort, Mon, Thurs, Fri, 7-7:30, png, 8-12. Turs, 7-7:30 pm, Sun, 10:10-10

Pohlman. Wed, 7:30-9 pm. Sun, 10:30-12:30 pm. Pacific.

KPRC, Houston, Texas. 296.9m-10:10kc. 500 watts. Houston Post-Dispatch. Slogan, "Kotton Port Rail Center." Announcer, Alfred P. Daniel. Daily ex Sun, 10:55 am, time; 11, weather, farm news; 12 noon, entertainment. Daily ex Sat, Sun, Fri, 6:30 pm, Uncle Judd's kiddies' hour; 7:30-9:30, concert. Sun, 10:45 am, 8 pm, services; 9:30-12, music. Central.

KPSN, Pasadena, Calif. 315.6m-950kc. 1,000 watts. Pasadena Star-News. Tues, Thurs, 8-9 pm. Sat, 8-9 pm. Sun, 10:30-12:30 am. Pacific.

KOV, Pittsburgh, Pa. 275.1m-1090kc. 500 watts. Doubleday-Hill Elec. Co. Daily ex Sat, Sun, 10:30 am, music; 3, music. Sat, 10:30 am. Eastern daylight.

KQW, San Jose, Calif. 230.6m-1300kc. 500 watts. First Baptist church.

KRE, Berkeley, Calif. 256.3m-1170kc. 150 watts. Daily Gazette. Announcer, D. L. Black. Daily ex Sun, 7:30 am, 11:15, 5:30 pm. Mon, 8-10 pm. Tues, 9-11 pm. Thurs, 8-10 pm, 10-11. Fri, 9-12 midnight. Sat, 8-1 am, dance program. Sun, 10-11 am, church; 5:38 C, Manhattan, Kan. 340.7m-880kc. 500 watts. Kansas State Agricultural College. Announcer.

Sat. 8-1 am, dance program. Sun, 10-11 am, church; 6:30-7:30 pm; 8-9. Pacific.

KSAC, Manhattan, Kan. 340.7m-880kc, 500 watts. Kansas State Agricultural College. Announcer. George Genmelt. Daily ex Sat. Sun. 9-10 am, 9:55, 12:35 pm, 14:30, 6:30. Sat, 12:35 pm. Central.

KSD, St. Louis, Mo. 545.1m-550kc. 500 watts. St. Louis Post-Dispatch. Daily ex Sun, 8:40 am, 9:40. 10:40, 11:40, 12:40 pm, 1:40, 2:40, 3:40. Mon, 8, 9, 10. Tues, 6-7 pm, 8. Wed, 6-8 pm. Fri, 6-9:30 pm. Sun, 5:15 pm; 7:15. Central.

KSL, Salt Lake City, Utah. 299.8m-1000kc, 1,000 watts. Radio Service Corp. of Utah. Announcer. Charles, H. Hays. Daily ex Sun, 7:30 pm. Mon, Wed, 7:30 am, 7:45, 8. Mon, 6:30 pm, 7:15, 7:30, 8, 8:30. Tues, 7 pm, 7:15, 7:30, 8, 8:30. Tues, 7 pm, 7:15, 7:30, 9: Wed, 10 am, 6:15 pm, 6:30, 7, 7:30, 8:30, 9:30. Thurs, 7 pm, 7:30, 9, 10. Mountain.

KSMR, Santa Maria, Calif. 209.7m-1430kc. 100 watts. Santa Maria Valley Railroad Company. Mon, Wed,

Fri, 6:30 am, Tues, Thurs, Sat, 6:30 am, 8, 8:30, 5:45. Tues, Thurs, 7 pm, 7:30. Pacific.

KSO, Clarida, lowa. 24l.8m-1240kc. 500 watts. A. A. Berry Seed Co. Announcer, Joe Faassen, Slogan, Keep Serving Others, Daily ex Sat, Sun, 12 no. 10 no. 12, 12 no

KUOA, Fayetteville, Ark. 299 8m-1000kc, 750 watts. University of Arkansas. Off the air for the summer.

KUOM, Missoula, Mont. 243.8m-1230kc. 500 watts. University of Montana. Off the air for the summer.

KUSD, Vermillion, S. D. 277.6m-1080kc. 100 watts. University of South Dakota. Announcer, Sidney Lawton. Slogan, "South Dakota University for South Dakota. Announcer, Sidney Lawton. Slogan, "South Dakota University for South Dakota. Announcer, South Dakota University for South Dakota. Announcer, Orlando J. Murphy. Most Wol. Eass. Announcer, Dality. Sum. 7-9 am; 11:30-12:30 pm, 3-4 pm; 6-9; 12 Central. The Voice of Oklahoma. Dality. Sum. 7-9 am; 11:30-12:30 pm, 3-4 pm; 6-9; 12 Central. The Voice of Cedar Rapids. Iowa. 27.6m-10:80kc. 500 watts. Announcer, H. F. Paar, Slogan, "The Voice of Cedar Rapids." Mon. Wed, Sat. 4:15-5; pm. 9-10:30. Mon. 10:45 pm. Sun, 11 am, 5:15-5;45, 5:45-6;30. Central.

KWC, Stockton, Calif. 247.8m-1210kc. 50 watts. Portable Wireless Telephone Co. Announcer, Cecil T. White, Slogan, "Voice of the San Joaquin Valley." Daliy ex Sun, 4-5 pm, news, concert, markets. Tues, Wed, Fri, 8-9 pm, concert. Sun, 6-7 pm, service. Pacific.

KWC, Kansas City, Mo. 236.1m-1270kc. 100 watts. Wilson Duncan Studios. Slogan, "Keep Watching Kansas City." Tues, Wed, Thurs, Fri, 7 pm, 9. Central.

KWKH, Shreveport, La. 312m-960kc. 500 watts. Wilson Duncan Studios. Slogan, "Keep Watching Kansas City." Tues, Wed, Thurs, Fri, 7 pm, 9. Central.

KWC, Patterson, Henderson Iron Works & Supply Co. Announcer, W. G. Patterson. Mon, 8-9:30 pm. music. Tues, 5at, 9-12 midnight. Thurs, 8-9:30 pm. Sat, 9-12, dance. Sun, 9:30-10:30 am, music; 11-12 m, 5-5 pm, 7:30-9. Central.

KWC, Brownsville, Texas. 277.6m-1080kc. 500 watts. Western Union College. Announcer, Rex Frolkey, Slogan, "The Best Fifty With

Mos. Wed. Fri. 7.30-9 pm. Sun. 3-4 pm. Central. KWWG. Brownsville. Texas. 27.6 m-1030kc. 500 watts. Brownsville Chamber of Commerce. Slogan. "Kum to the World's Winter Garden." Daily ex Sun. 12 m. 6 pm. Mon. Thurs, 8:30-11:59 pm. Central. 2 m. 6 pm. Mon. Thurs, 8:30-11:59 pm. Central. 2 m. 6 pm. Mon. Thurs, 8:30-11:59 pm. Central. 2 m. 6 pm. Mon. Thurs, 8:30-11:59 pm. Central. 2 pm. 2:30-4, frolic; 4-4:15. World Crier; 5-45-6, markets; 6-6:15, KDKA; 6-30-7, music; 7-7:30, bed-time story. Daily ex Sun, Mon. 11, time, weather: 11-12, Mon. Thurs, Fri. 4:15-4:30 pm, Fri. 4:30-5 pm. Tues, Wed. Thurs, S. 81, 7:30-8 pm; 8-9 Thurs, Fri. 24: 9-10 pm. Tues, Wed. Thurs, Fri. 5 pm. Tues, Ved. Thurs, Fri. 5 pm. 5

mouncer, Frank C. Isely. Urf the air for the summer.

WABX, Mt. Clemens, Mich. 245.8m-1220kc. 500
watts. Henry B. Joy.

WABY, Philadelphia, Pa. 241.8m-1240kc, 50 watts.
John Magaldi, Jr. Slogan, "Quaker City Sleep
Dodgers." Club, "The American Broadcasting
Club." Sun. 9 pm, music; 10:30, "Sleep Dodgers'
Session." Eastern daylight.

WABZ, New Orleans, La. 275.1m-1090kc, 50 watts.
The Coliseum Place Baptist church, Announcer, W.
C. Clemmons. Slogan, "The Station with a Message." Sun, 11-12:15 pm, 7:30-8:45, church service.
Central.

sage. Central.

Central.

WADC, Akron, Ohio. 258.5m-1160kc. 500 watts.

Allen Theater Broadcasting Station. Daily ex Sun,
11-12 noon, Tues, Fri, 8-11 pm. Thurs, 9-11 pm.

Fri, 12 mid-2 am. Sun, 12:30-1:30 pm. Eastern.

WAFD, Port Huron, Mich. 275.1m-1090kc. 500 watts.

Albert B, Parfet Co. Announcer, Stanley G. Smith.

Slogan, "Gateway to the Great Lakes." Mon, 8-12

nm. 7:30-8:30. 9:30-11, concert. Mon, Thurs, Eri, 11-12 midnight. Sun, 11 am, church; 9:30-11. Central.

WBAR, Sisiht, Wis. 270.1m-1110kc. 500 watts. Kopp Radio Co. Slogan, "The Station of Northern Wisconsin," Mon, 9-10 pm, Wed, 8-9 pm. Thurs, 7:30-8:30. Sun, 10-11 pm. Central.

WBAW, Nashville, Tenn. 241.8m-1240kc. 100 watts. First Baptist church. Announcer, Harry Stone. Sun, 7:36 pm. Central.

WBAX, Wilkes-Barre, Pa. 256.3m-1170kc. 100 watts. John H. Stenger, Jr. Slogan, "In Wyoming Valley, Home of the Anthracite."

WBBL, Richmond, Va. 228.9m-1310kc. 100 watts. Grace Covenant Presbyterian church. Announcer, W. L. Pierce. Tues, 8 pm. Sun, 11 am, 7:45 pm. Eastern.

WBBM, Chicago, Ill. 225.4m-1330kc. 1,500 watts. WIBM Broadcasting. Announcer, Nate Caldwell. WBBM, Chicago, Ill. 225.4m-1330kc. 1,500 watts. WIBM Broadcasting. Announcer, Nate Caldwell. Slogan, "World's Best Broadcast Medium." Daily ex Sun, 4-6 pm. Mon, 12:02-2 pm; 4-7. Thurs, 12:02-2 am, Sun, Wed, Thurs, Fri, 8-10 pm. Tues. 8-12 mid, Sat, 8-2 am. Sun, 12:30-2 pm. Central daylight.

WBBP, Petoskey, Mich. 238m-1260kc. 200 watts. Petoskey High School. Announcer, Carl Bowman. Tues, 9-10:30 pm. Fri, 8-9:30 pm. Sun, 10:30 am, church services; 3 pm, sacred concert. Central. MBR, Staten Island, M. Y. City, N. Y. 272.6m-1100kc. 500 watts. International Bible Students' Association. Mon, Thurs, Sat, 8-9 pm, lectures. Sun, 10-12 m, 2-4 pm, 9-10:30. Eastern Wats, Merchant Conservative.

music Sun, 10-12 m, 2-4 pm, 9-10:30. Eastern daylight, WBBS, New Orleans, La. 252m-1190kc. 50 watts. First Baptist church. Slogan, "The Gospel Wave." Sun, 1 am, 7:45 pm, service. Central. WBBW, Norfolk, Va. 222.1m-1350kc. 50 watts. Ruffner Junior High School. Announcer, Lee M. Klinefelter, Slogan, "The School You'd Like to Go To." Mon, 6:45-7:15 pm. Thurs, 6:45-7:15 pm; 9:30-10:30. Eastern. WBBY, Charleston, S. C. 267.7m-1120kc. 10 watts. Washington Light Infantry. Announcer, Hugh Easterly. Eastern. WBBZ, Chicago, Ill. 21.7m-1390kc. 50 watts. C. L. Carrell.

Wasterly. Eastern. Whater Parks. C. L. Carcil. Chicago, Ill. 215.7m-1390kc. 50 watts. C. L. Carcil. Chicago, Ill. 265.3m-1130kc. 500 watts. Southtown Economist. Announcer, J. R. Foster, Slogan. "World's Best Community Newspaper." Daily ex Sun, 9:45-11 am, home service: 12-1 pm, Mid-day concert; 3-6, tea time matinee. Daily ex Sat, Sun, 5:30-6 pm, police bulletins. Daily ex Sun, Mon, 7-8 pm. Tues, Wed, Fri, Sat, 10-12 pm. Tues, 12-1 am, Pirate Ship. Thurs, 10-1 am. Sun, 10:30-12:15 pm, church service; 4-6 pm, concert; 7:45-9:15, church service. Central daylight. WBDC. Grand Rapids, Mich. 255, 3m-1170kc. 500 watts. Baxter Laundry and Dry Cleaning Co. Announcer, Richard Smith.
WBES, Takoma Park. Md. 222.1m-1350kc. 100 watts. Bliss Elec. School. Closed for the summer. WBNY, New York, N. Y. 209.7m-1430kc. 500 watts. Shirley Katz. Daily ex Sat, Sun, 7-11 pm. Sun, 2:30 pm; 6. Eastern daylight.
WBOQ. Richmond Hill. M. 236.1m-1270kc. 500 watts. Bell Radio Corporation. Sogan The Biggest Litter. St. St. Sun, 12-12 midnight. Sun, 10:45 am. Central. WBRE, Wilkes-Barre, Pa, 230.6m-1300kc. 100 watts. Baltimore Radio Exchange. Wed, Fri, Sun, 8:30-11:30 pm. Eastern. WBT, Charlotte. N. C. 275.1m-1090kc. 250 watts. Charlotte Chamber of Commerce.
WBZ, Springfield, Mass. 333.1m-900kc. 2000 watts. WBZ, Springfield, Mass. 333.1m-900kc. 250 watts. Charlotte Chamber of Commerce.
WBZ, Springfield, Mass. 333.1m-900kc. 250 watts. Charlotte Chamber of Commerce. WBZ, Springfield, Mass. 333.1m-900kc. 250 watts. Charlotte Chamber of Commerce. WBZ, Springfield, Mass. 333.1m-900kc, 250 watts. Charlotte Chamber of Commerce. WBZ, Springfield, Mass. 333.1m-900kc, 250 watts. WBZ, Springfield, Mass. 333.1m-900kc, 250 watts. Charlotte Chamber of Commerce. Eastern. WBZ, Bonton, Mass. (333.1m-900kc, 250 watts. Charlotte Chamber of Commerce. Eastern. WBZ, Roston, Mass. (333.1m-900kc, 250 watts. Charlotte Chamber of Commerce. Eastern. WBZ, Springfield, Mass. 333.1m-900kc, 250 watts. Charlotte Chamber of Commerce. Eastern. WBZ, Springfield, Mass. 333.1m-9

WEZA, Boston, Mass. (333.1m-900kc), 250 watts. Westinghouse Elec. & Mfg. Co. Same programs as WEZ. Westinghouse Elec. & Mfg. Co. Same programs as WEZ. WeAC. Storrs, Conn. 275.1m-1090kc. 500 watts. Connecticut Agricultural College. Announcer, Daniel E. Noble. Slogan, "From the Nutmeg State." Mon. Wed. Fri, 8-9 pm. Eastern.

WCAD, Canton, N. Y. 263m-1140kc. 250 watts. St. Lawrence University. Announcer, Ward C. Priest. Slogan, "The Voice of the North Country." Daily, 11 am, weather, reports. talks, time. Thurs, Fri. 7:30-12 midnight, from WGY on 1,360 meters. Wed. 8 pm. Eastern.

WCAE, Pittsburgh, Pa. 461.3m-650kc. 500 watts. Pittsburgh Press. Kaufmann and Baer Co. Announcer, Joseph Startory. Daily ex Sun, 12:30 pm. news; 4:30, reports; 6:30, music; 7:30 stocks, garden talks, 7:45, Sunshine Girl. Mon, 8:30, 9, 11. Tues, 8, 8:30, 9, 10, 11. Wed, 8:30, 9, 10. Thurs, 8 pm, 9, 10. Fri, 7:50 pm, 8:30, 10. Sat, 8, 8:15, 8:30. Sun, 10:45 am, 4 pm, 6:30, 7:20, 9:15. Eastern daylight.

WCAJ, University Place, Nebr. 254.1m-1180kc. 500 watts. Nebraska Wesleyan University. Announcer, 1. C. Jensen, Daily, 4:30 pm, weather, news. Wed, 8 pm. Fri, 7 pm. Central.

WCAL, Northfield, Minn. 336.9m-890kc. 500 watts. Dept. of Physics, St. Olaf College. Announcer, Hector Skifter. Slogan, "The College on the Hill." Daily ex Sun, Thurs, 9:45 am, chapel, Mon, Fri, 8:30 pm. Thurs, 7 pm, music. Fri, 7:30 pm. Sun, 8:30 am, sermon, music; 9:15 pm. Central.

WCAO, Baltimore, Md. 275.1m-1090kc. 100 watts. Albert A, and A, Stanley Brager, Announcer, R, E. Brunner. Slogan, "The People's Store." Mon, Wed, Fri, 6:30-8 pm, dinner music; 8-9:30-11. Eastern.

WCAP, Washington, D. C. 468.5m-640kc. 50k Chesapeake & Potomac Tel. Co. Announcer Gascoigne. Mon, 7-11:30 pm. Wed, 6-11 pm. 6-12 pm. Sun, 11 am, 4 pm, 6:20, vespers; 7:20-10:15. Eastern. WCAR, San Antonio, Tex. 263m-1140kc. 1000-200k watts. Southern Radio Corporation of Texas. An-nouncer, J. H. Dreyer, Daily ex Sun, 8-10 pm. Central,

Central.
WCAT. Rapid City, S. D. 239.9m-1250kc. 50 watts.
South Dakota State School of Mines. Announcer,
J. O. Kammerman. Daily ex Sun, 9:30 am, 12:30
pm, weather, reports. Thurs, 7:30 pm, concert.
Mountain

J. O. Kammerman. Daily ex Sun, 9:30 am, 12:30 pm, weather, reports. Thurs, 7:30 pm, concert. Mountain.

WCAU. Philadelphia, Pa. 277.5m-1080kc. 500 watts. Universal Broadcasting Co. Announcer, Stan Lee. Slogan, "Where Cheer Awaits U." Mon. 7:30-12 midnight. Tues, 6:45-12 midnight. Wed, 6:45-11 am, Thurs, 6:30-12 midnight. Fri, 6:45-12:30 am. Sun, 5-9 pm. Eastern daylight. WCAX. Burlington, Vt. 252m-1190kc. 100 watts. WCAX. Burlington, Vt. 252m-1190kc. 100 watts. WCAX. Burlington, Vt. 252m-1190kc. 15 watts. One of the Green Mountains." Off the air for the summer. WCBA, Allentown, Pa. 254-1m-1180kc. 15 watts. Queen City Radio station. Wed, 8:15-11 pm. Fri. 6:45-7:45 pm, bedtime stories, Bible lessons. Sat. 9:30-11 pm, dance music. Sun, 10 am, 5:30 pm, 7, church service. Eastern. WCBD, Zion, Ill. 344.6m-870kc. 5.000 watts. Wilbur Glenn Voliva. Announcer, J. H. DePew. Slogan, "Where God Rules, Man Prospers." Tues, Thurs, 9:13:30 pm, concert. Wed, 1:30-2 pm, organ. Thurs, 2:30-3:45 pm, service. Sun, 9-10:45 am, Bible school; 2:30-6 pm, church services; 9-11:30 pm. Central daylight.
WCBE, New Orleans, La. 263m-1140kc. 5 watts. Uhalt Brothers Radio Co. Announcer, Joe Uhalt. Slogan, "Second Port U. S. A." Daily ex Sun, 10:30-11:30 am. Daily, 7:30-8:30 pm, dance. Sun, 12:30-2 pm, dinner concert; 9, dance music. Central.

10:30-11:30 am. Daily, 7:30-8:30 pm, dance. Sun. 12:30-2 pm, dinner concert; 9, dance music. Central. WCBH, Oxford, Miss. 241.8m-1240kc. 50 watts. University of Mississippi. Announcer, J. T. Wallace. WCBM, Baltimore, Md. 228.9m-1310kc. 50 watts. Hotel Chateau. Announcer, Harry J. Dobe. Mon. 10-1 am. Thurs, 10-1 am. Sun, 9:45-11:30 pm. Eastern. WCBR, Providence, R. I. 209.7m-1430kc. 100 watts. Charles H. Messter. (Portable.) WCCO, Minneapolis-St. Paul, Minn. 416.4m-720kc. 5.000 watts. Washburn-Crosby Co. Announcer, Paul Dohnson, Slogan, "Service to the Northwest." Daily ex Sun, 8:45 am, markets; 9:30, 9:35, 9:45, 10:30, markets. Daily ex Sun, 1 pm, 4, 10. Daily ex Sat, Sun, 2 pm, 2:05, 4:05, 5:45, 5:35. Daily ex Sun, 1 pm, 5:15, 6-8, 8, 8:30, 9:30, 10:05. Wed, 8, 9, 10, 10:05. Thurs, 6:15 pm, 7-9, 9, Fri, 12:15 pm, 6:15, 7:45, 8, 8:30, 10:05. Sat, 8, 8:15, 10:05. Sun, 10:50 am, 4:10, 7:15, WEAF; 9:25, baseball, weather; 9:30, organ. Central. WCFL, Chicago, Il. 491.5m-610kc. 250 watts. Chicago Federation of Labor. Daily ex Sun, 6-10 pm. Central daylight. WCLO, Camp Lake, Wis. 230.6m-1300kc. 50 watts. C. E. Whitmore. WCLS, Joliet, Ill. 214.2m-1400kc, 150 watts. Harold M. Couch. Slogan, "Will County's Largest Store." Tues, Wed, Fri, Sat, 8-11 pm. Sun, 9:30-12 n, 10-11. Central.
WCMA, Culver, Ind. 222.1m-1350kc. 100 watts. Culver Military Academy. Wooderful City of Advantages."
WCSH, Portland, Me. 256.3m-1170kc. 500 watts. Congress Scuare hotel

Municipal Broadcasting Station. Announcer, Jonn E. Frenkel. Slogan, "Wonderful City of Advantages."
WCSH, Portland, Me. 256.3m-1170kc. 500 watts. Congress Square hotel.
WCSO, Springfield, Ohio. 247.8m-1210kc. 100 watts. Wittenberg College. Announcer, Lester Crowl.
WCWS, Bridgeport, Conn. 209.7m-1430kc. 100 watts. Bridgeport Broadcasting Station.
WCX, Detroit, Mich. 516.9m-580kc. 5,000 watts. The Detroit Free Press. Club, "Red Apple Club." Daily ex Sun, 4 pm, news, stock reports, weather, markets; 6, dinner concert; 8. Tues, 10-2 pm, club. Fri, 10-11 pm, dance. Sun, 8 pm. Eastern.
WDAD, Nashville, Tenn. 225.4m-1330kc. 150 watts. Dad's Auto Accessories, Inc. Announcer, F. E. Exum. Slogan, "The Athens of the South." Daily ex Sun, 3:30-5 pm, 8-10. Sun, 3-5 pm. Central.
WDAE, Tampa, Fla. 272.6m-1100kc. 250 watts. Tampa Daily Times. Announcer, Tod H. Megargle. Slogan, "Away Down South in the Sunshine State." Daily ex Sun, 9-2 am. Sun, 7:30-9:30 pm. Eastern. WDAF, Kansas City, Mo. 365.6m-820kc. 1,000 watts. Kansas, City Star. Announcer, H. Dean Fitzer. Club, "Nighthawks." Daily ex Sun, 3:30 pm, 4, 4:30, 5, 6, baseball, music. Daily ex Sun, 3:30 pm, 4, 4:30, 5, 6, baseball, music. Daily ex Sun, 3:30 pm, 4, 4:30, 5, 6, baseball, music. Daily ex Sun, 6-7 pm, markets, weather, music; 11:45, Nighthawks, Mon, Wed, Fri, Sat, 8-10 pm, Sun, 3-4 pm, 4-4:45. Central Slogan, "Where Doilars Always

Cubb, Mighthawks.

4:30, 5, 6, baseball, music: Daily ex Sun, 5:00 pm, 4, 4:30, 5, 6, baseball, music: Daily ex Sun, 6:70 pm, markets, weather, music; 11:45, Nighthawks, Mon, Wed, Fri, Sat, 8:10 pm. Sun, 3:4 pm, 4:4:45. Central.

WDAG, Amarillo, Tex. 263m-1140kc. 100 watts. J. Laurence Martin. Slogan, "Where Dollars Always Grow. Daily ex Sun, 12:45 pm, 9. Central.

WDAH, El Paso, Tex. 267.7m-1120kc. 50 watts. Radio Equipment Corporation. Announcer, K. M. Hance, Slogan, "The Biggest Little City in the World." Daily ex Sun, 9 am, markets; 10, weather, news, markets; 11:30, markets; 12 n, markets; 12:30, music; 1, markets; 5, music; 5:30, news; baseball; 6:15, music. Sun, 10:30 am, service. Central.

WDBC, Lancaster, Pa. 258.3m-1170kc. 50 watts. Kirk Johnson & Co., Inc.

WDBE, Atlanta, Ga. 270.1m-1110kc. 100 watts. J. M. High Co.

WDBJ, Roanoke, Va. 228.9m-1310kc. 50 watts. Richardson Wayland Elec, Corp. Announcer, Glen Baylor. Slogan, "Roanoke Down in Old Virginia." Daily ex Sun, 12-1 pm, music; 5:30-6:45, music, news, weather, baseball. Mon, 8-9 pm. Wed, Sat, 9 pm. concert. Sun, 7:45 pm, church. Eastern.

WDBK, Cleveland, Ohio. 227m-1320kc, 100 watts. M. F. Broz Furniture Co. Slogan, "Broz-casting from Cleveland." Tues, Fri, 8:30-12 mid. Eastern.

WDBO, Winter Park, Fla. 239.9m-1250kc. 500 watts. Rollins College, Inc. Slogan, "The Voice of Central Florida." Daily ex Tues, Sun, 7:25-8:15, 8:55-11. Tues, 7:15-7:45 pm, 9:11. Sun, 11 am, 7:30 pm. Eastern.

WDBY, Minneapolis, Minn. 263m-1140kc. 500 watts. Twin City Broadcasting station, Inc. Announcer, Dr. George Young. Mon, 6-8 pm, 9-11. Tues, 7:30-pm. Wed, 6-10 pm. Fri, 7-11 pm. Central.

WDBY, Minneapolis, Minn. 263m-1140kc. 500 watts. Twin City Broadcasting station, Inc. Announcer, Dr. George Young. Mon, 6-8 pm, 9-11. Tues, 7:8-7-9. pm. Wed, 6-10 pm. Fri, 7-11 pm. Central.

WDBY, Minneapolis, Minn. 265m-1140kc. 500 watts. Twin City Broadcasting Station of the First City of the First State. Thes, Thurs, 8-10 pm. Sun, 7:30-9 pm, 9:15-10.15. Central.

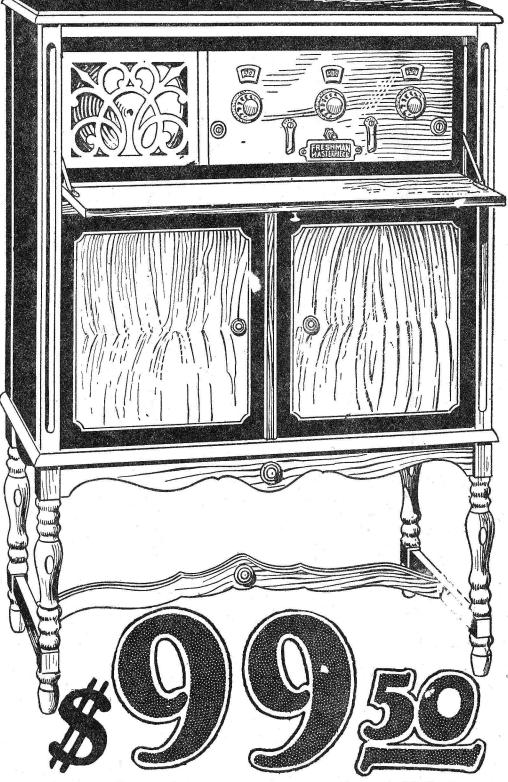
WDBC, Manneapo

WDWF, Providence, R. I. 440.9m-680kc. 500 watts. Dutee W. Flint, Inc. Slogan, "Quality First."

Dutee W. Fint, inc. Diegan, Summ. Eastern.
WDZ, Tuscola, Ill. 277.6m-1080kc, 100 watts, James
L. Bush. Daily ex Sun, 9:30 am, 10, 10:30, 11, 11-30,
12 m, 12:30 pm, 1, 1:15, Chicago Board of Trade
quotations, Central daylight.

(The third part of the directory of station schedules will appear next issue.)

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