New Crock Antenna Reduces Static Radis Vol XVII No 7 SECOND JUNE NUMBER, 1926

Exposure of WIL Little Ol' Professor; Wiring Directions for S-O-S Portable Super-Het; Hugh Fullerton's "Big Rabbit"; KFH, Wichita, Calls Charleston; Stories of WSMB, WRR

6-15-26

#### OFFICIAL BALLOT No. 9

#### Announcers' Contest

#### RADIO DIGEST THIRD ANNUAL GOLD CUP AWARD

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

Please credit this ballot to:

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

#### SHORT WAVES

. By Marcella

Well, here I am, back in the studio, and ready to broadcast my next number which will be about Harry Geise, whose travels and tribulations my best inquirers seem and tribulations my best inquirers seem to follow with much interest. I signed off last issue by saying that Harry was unofficially connected with any Chicago station as yet, but that he was in the city of his origin. Thereupon he staged a "prodigal son act" while last edition was still on the press, and returned to WQJ, Chi-CAW-so in his old-time position of Chi-CAW-go, in his old-time position of studio accompanist and assistant announcer.

It's verra, verra difficult to get out with the news before something else happens and changes it all. Take that dear Phillips Carlin, for an example. This popular WEAF announcer was described in a late March issue as being married but having no children. The following week the stork visited his wife and left a darling baby girl who has been named Virginia Claire. But such things will happen, even in the best regulated families!

No, Ruth, William T. Pierson, your favorite announcer who is heard at WCAP, is not married, although he admits having a slightly bald spot right on top of his back. We also have 5 feet 10 inches his head. He is about 5 feet 10 inches tall, weighs medium to heavy, and has brown hair and eyes. He is well known in Washington and elsewhere as a musician washington and elsewhere as a musician and composer, having written a number of popular songs, including "Washington," "Calling for You," "Be Still and Know," "When You Are Near Me" and "A Toast to the Flag." The Washington Rotary club boasts proudly of his membership. Violet Warren Pierson, whom you have heard reciting poems from WCAP, is Mr. Pierson's sister. Pierson's sister.

"Blue Eyes" from the "Blue Grass State" stored up a lot of questions before she wrote, but here are all the answers. Last reports indicate that while "Willie the Weeper" (Ernest Rogers) of the WSB staff is not yet married, he is hunting around lonesomely for the "lucky" girl. Send in your applications. He's just as cute as he looks auburn heir and every cute as he looks, auburn hair and everything, and about 30 years old. Who is WBAP's announcer? Regularly up to several weeks ago, C. B. Locke, but that gentleman is now in a commercial Radio sales position. Roland Perry is his successor. However, the best "regular" announcer of the Fort Worth Star-Telegram station is the famous "substitute" announcer, the Hired Hand. At WSM the announcer may be either George D. Hay, who is the bose and station director. who is the boss and station director, or Jack Keefe, who wears the title of an-

Now Sue, tune in WLS every Friday night and you will hear Grace Wilson. Yes, she was away from WLS for a long time and sang occasionally during her absence at KYW. As a pleasant Radio contralto, her voice is hard to beat, I agree. Ford and Glenn are still at WLS. agree. Ford and Glenn are still at WLS. Their frequent disappearance is accounted for by the number of personal appearances they have been making all over the

Helen Hughes, of the Reese-Hughes orchestra, familiar to WHO and WOC listeners, is in New York, combining business with pleasure, she tells in a letter to me. The orchestra is resting, but listen in soon for Helen, her popular partner, Bob Reese, and their orchestra broadcasting from a big eastern station. More information later.

Hilda would know of Stephen Cisler, late of WDGY, Minneapolis, and now an-

nouncing for WAMD in the same city. nouncing for WAMD in the same city. He is a southerner, with all the accent, and has played around with Radio since it became the idol of the public. Fortunately for my fair readers, he is not married, so there are hopes. He is studying engineering at the University of

#### GIRL ON COVER HAS INHERITED TALENTS

THE charming confection of chiffon, silken straw, raven hair, blue eyes and pearls on Radio Digest cover this week is a lady with an inherited voice—Miss Margaret Libbe, 22-year-old daughter of Mrs. Frances Carey Libbe, well-known professional singer of Chicago.

Miss Libbe is gifted with a soprano Miss Libbe is gifted with a soprano voice that melts into the microphone with purity and clearness. She has presented five specially announced Radio concerts through Stations WJAZ and WGN. On some of the occasions she has been accompanied by her mother. Miss Libbe is a pupil of the famous Francesco Dadi and was recently awarded first prize for her accently awarded first prize fo cently awarded first prize for her accomplishments by the musical division of the Chicago Woman's club.

Minnesota, and incidentally, he has been heard before the mikes of WHO and WOC.

Elizabeth Ann, always bubbling over with admiration of some invisible Radio personality, asks the important question regarding Neal Helvey, entertainer at

(Continued on page 13)

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"Big Rabbit"; Love Leads a Romantic Trail Through the Florida Jungles; Fifth Installment, by Hugh Fullerton.

S-O-S: New Portable Super; Describing Wiring in Most Simple Manner Possible, by Milo Gurney. Old Man Static's Funeral; Part IV: Here Is the Famous "Crock" Antenna of B. L. Lowe.

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Advance Programs for the Larger Stations, June 15-30 ..... Directory of Radiophone Broadcasting Stations; Part IV (Revised).....

## Looking Ahead

Plantation Humor and Southern Romance are features that make WSM of Nashville stand out as one of the most popular stations in the Middle West. George D. Hay, the Solemn Old Judge, who selects and directs, knows his people and what they like. He tells about it in the Radio Digest out June 30.

hat Makes Detroit Famous? Hark! Wait! Just a Minute, Mr. Ford, and all you other automobile manufacturers! There are other claims. For instance, it is a great broadcasting center. In Radio Digest of July 1 you will read and see something of the famous WGHP.

Speed in Delivery Is One of the Big Essentials in Efficient News Service, whether it be the press, motion pictures or Radio broadcasting. The latest thing to accomplish this end in Radio is the floating broadcast auxiliary, MU-1 of the Grebe organization, for relaying nautical sports direct from the field of action. Complete story and pictures of this remarkable boat in our next issue.

Sheila of the Vaudeville Scored a Perfect Hit-with the Male Headliner, but what could she do about Bobby? Then Jadwin, the booker, tried rough stuff when he thought he had her alone . . . . It's a snappy little story of love behind the footlights and Harry Van Demark is the author. In next Radio Digest.

Hugh Fullerton's Big Rabbit serial comes to an end in the July 1 issue of Radio Digest and he keeps you guessing right up to the last word. Don't miss it.

There's Magic in the Word "Raytheon." In next issue, out June 30, the Raytheon-Aerovox-Thordarson B eliminator, and how to build it, will arrest your attention. It works wonderfully well.

Squelch Demon Static, Milo Gurney Digs up an Old Timer—a "Ham" who was building underground antennas when two dots and one dash constituted real reception. How he builds his best subantenna will be told in detail in next issue.

Newsstands Don't Always Have One Left

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## BROKENSHIRE CLOSE TO MAY IN CUP RACE

EASTERNER THREATENS TO CAPTURE FIRST POSITION

A. S. Kyne, Henry Field and G. C. Arnoux Stage Big Climbs— Lillian Shaw Leads Canada

June weddings, 500-mile auto races and opening of swimming season notwith-standing, the 1926 Gold Cup Award has been running along merrily since the appearance of the last Radio Digest. Not a few changes have come about since the a few changes have come about since the last published standing, and at this time we find Norman Brokenshire of WJZ nosing within 13 votes of taking the longheld lead of Earl E. May of KMA. The popular easterner is showing speed and may top the field at any moment.

Probably the most unexpected change took place when A. S. Kyne of KMMJ climbed into third position from out of the cellar where he has been hiding his light during the earlier days of the competition. How much power Mr. Kyne has

petition. How much power Mr. Kyne has is unknown, but this surprise gain makes

his name one to be considered.

Field Rises; Would Withdraw

Next of importance is the rise of Henry Feld of KFNF from twelfth to fifth position. Seemingly indifferent to this striking gain, Mr. Field has sent out press notices and broadcast the word that he is withdrawing from the 1926 Gold Cup is withdrawing from the 1926 Gold Cup Award in favor of Mr. May of KMA. Mr. Field in withdrawing asks to put the full strength of his supporters behind Mr. May of KMA which station is in the same city as KFNF, Mr. Field's broadcaster. While Mr. Field may work for Mr. May's victory, a spirit which the Gold Cup Editor is sure everyone will admire, his name cannot be withdrawn on account of a previous ruling that only former cup winners may withdraw. Mr. Field finished second in 1925. ished second in 1925.

Fourth of consequence in the news of the contest for selection of the best announcer, is the gain of G. C. Arnoux, of KTHS, Hot Springs National Park, Ark., who gained seven notches since last issue, arriving at eleventh from eighteenth place. The Gold Cup Editor wishes to place. The Gold Cup Editor wishes to apologize to Mr. Arnoux for the two different times his station has been listed erroneously as WGY instead of KTHS, and promises that it shall remain K-T-H-S hereafter.

Standing of Leading Contestants
While better gains were made by the candidates whose names have been mencandidates whose names have been mentioned, three other cup aspirants deserve credit for climbing from the cellar to places in the first twenty-five. These men are Edw. B. Husing of WRC, Eugene Konecky of WOAW and E. L. Tyson of WWJ, who are now eighteenth, twenty-second and twenty-fourth respectively. The present standing of the first twenty-five candidates is given below. The figure in parentheses following the name and station of certain announcers, indicates their order in the standing last

indicates their order in the standing last issue if they were in the first twenty-five:

1. Earl E. May, KMA (1)	.15.122
2. N. Brokenshire, WJZ (2)	15 109
3. A. S. Kyne, KMM.I	12 726
4. Pat Henry Barnes, WHT (3).	11 221
5. Henry Field, KFNF (12)	10 00
6. The Hired Hand, WBAP (4)	.10,004
7. Phillips Carlin, WEAF (6)	9,140
8. Peter MacArthur, WOC (5)	0,499
9. Louis J. Johnen, WLW, (7)	0,200
10. Clyde R. Randall, WSMB (8)	3,010
11. G. C. Arnoux, KTHS (18)	2,917
19 Tooton Dolman Wilder	2,706
12. Lester Palmer, WOAW (9)	1,958
13. Gayle V. Grubb, KFAB (10)	1,853
	1,821
15. Lambdin Kay, WSB (13)	1,776
16. Chester Gaylord, WTAG (14)	1,624
17. Wm. (Bill) Hay, WGN (15)	1,492
18. Edw. B. Husing, WRC	1,417
19. Jerry Sullivan, WQJ (16)	1,274
20. Harold Isbell, KNX (17)	1,252
21. Paul Johnson, WCCO (19)	1,175
22. Eugene Konecky, WOAW	1 098
23. The Janitor, WFAA (20)	1.022
24. E. L. Tyson, WW.I	1.015
25. Sen Kaney, KYW (24)	1.002
	_,,000

Canadian Silver Cup Standing The standing for the 1926 Canadian silver cup, to be awarded to the most popular Canadian announcer, has changed but little since last publication. Bert Hooper of CKCK, who was then fourth, ias jumped llian Shaw of CKY still leads. The standing is:

1.	Lillian Shaw, CKY (1)	571
2.	Bert Hooper, CKCK (4.)	638
3,	H. C. Fricker, CKCL (2)	522
4.	Geo. A. Wright, CNRY (3)	206
5.	C. W. Darling, CFCF (5)	104
Te	ive new condidates were	104

Five new candidates were nominated recently, bringing the total now very close to 200. The names will not be published at this late stage of the competition, but nominations made or votes sent in for unlisted announcers, will be credited in the book of the Cold Comp. Fig. 1. ited in the book of the Gold Cup Editor.
(Continued on page 13)

## WGY MAY BUILD GIGANTIC STATION

## **EUCHARISTIC CONFAB** FROM SIX MIKE LINK

CHICAGO STATIONS JOIN TO GIVE GREAT SPECTACLE

Angels Mass with 50,000-Voice Choir and Chicago Symphony Among Many Big Features

CHICAGO.-When the Eucharistic congress convenes here Friday, June 18, four local stations will cooperate to broadcast all the principal events including the opening reception June 18 at the Coliseum, the entire inaugural mass at Holy Name cathedral and the address of the papal delegate on Sunday, June 20, the Sunday evening vesper services, and the various masses at Soldiers' field June 21 including the mass of the angels with a choir

of 50,000 voices.
Splendid cooperation of Stations WEBH,
WLS, WMAQ and KYW makes it possible
to present all the important parts of the congress on from one to four of their wave lengths simultaneously.

wave lengths simultaneously.

Famous Musical Organizations on Air
The many musical attractions of unusual quality and magnitude will make the broadcasting an event of interest to persons of denominations other than the Catholic faith. The Chicago Symphony orchestra of fifty pieces will play in many of the programs and other equally famous musical organizations will be heard.

Speeches in all languages will be broad-

Speeches in all languages will be broad-cast during the congress, and the speakers heard will represent the highest ranks of Catholic nobility. Cardinal Bonzano will make the opening address and the final benediction.

final benediction.

One announcer, acting for the Chicago Broadcasters' association, will announce each service, aided by Father Pernin, of KYW's "Twenty Minutes of Good Reading" series fame, who will check the technical correctness of announcements. Local stations linked for the occasion will make their own station announcements.

#### WLWL SUBLETS TOLL **BROADCASTING HOURS**

John Shepard III Takes Charge; WNAC Link to Come

NEW YORK.—John Shepard III, well-known broadcasting station manager, has taken over the booking of commercial programs for Station WLWL of the Paulist Fathers in New York city.
Several hours each week will be reserved for the especial programs of the Paulist league and the famous choir of that organization will continue to be heard regularly. Other features of the Paulist organization will continue to be available to Radio listeners, Mr. Shepard explains in outlining the plans for future programs.

A hook-up with Station WNAC of Boston, where Mr. Shepard is in charge, as well as WEAN, the Shepard Stores station in Providence is to be perfected. A number of features that have ap-

peared on the Shepard stations in Boston and Providence will be introduced on WLWL in New York and the application of the high class program selection that has made the Boston station one of the most popular in the East will doubtless result in increasing listeners for WLWL which is one of two 5,000-watt stations in the metropolitan area. Special efforts will be made to build up programs for the summer months.

#### Joe Laurie, Jr., Helps Open New Air Theater

Dedicates New Studios and Organ

Stewart-Warner Air Theater.

The event included the formal dedica-

tion of the new \$25,000 Barton pipe organ. On the special dedicatory program one of the stars heard was Al Melgard, organist at the Parthenon theater in Berwyn, whose reputation is national. Mr. Melgard is connected with the Bartola Musical Instrument company, manufacturers of the organ.

A number of public officials and members of other studio staffs were in attendance.

#### JOKER WITH MOBILE MIKE ANGERS SPAIN

M ADRID.—Spain's Radio programs lately have been rudely and mysteriously dislocated by donhey brayings, seditious speeches, and ridicule of General de Rivera, the dictator, and his government. The authorities confess they are baffled in their attempts to find the interrupter, who is believed to have a powerful broadcasting set aboard an automobile. He is aware he is being hunted and has broadcast a message offering to wager anyone \$7,500 he will never be caught.

#### PROSPECTOR SKIS 24 MILES TO THANK KGO

San Francisco.—Snowbound in the mountains of Idaho, two pros-pectors have listened to KGO programs for two years until conscience finally drove one of them to ski twentyfour miles to the nearest post office to mail a letter of appreciation, "to express our gratitude", their letter states, "to you and all who broadcast. We have listened for two years, and we can wait no longer. Even if it does mean a trip of twenty-four miles on skis, we are going to write."

#### SHE STARS FOR KANSAS CITY STAR



The beauty of Miss Fredda Josephine Brown, an entertainer heard over the microphone of WDAF, the Kansas City Star, is equalled only by her versatility. Among her accomplishments one will find that the she plays the violin, often in string ensembles, gives readings, and plays the piano masterfully. Photo by Hixson Studios, (K.C.Mo.)

#### WPG GETS 5 KW. SET; PLANS BIG PROGRAMS

WPG, WIP and WGBS Chain Is Now in Operation

CHICAGO.—Joe Laurie, Jr., noted star comedian of many musical comedy successes, was guest of honor at the recent formal opening of the remodeled and enlarged \$50,000 studio of WBBM, the

Coming on the heels of the recent wire linking of WPG, WIP at Philadelphia and WGBS at New York, the news assures listeners that the very best music and other Atlantic City features will be available all summer long.

Small tube and crystal set owners over a large area will be able to enjoy the programs from the chain which include symphonic orchestras, concert ensembles, bands, dance syncopators, choral societies, minstrel shows, leading soloists and nov-

delphia station, will also be a vital part of the official chain of stations selected by the Sesquicentennial committee to broadcast the outstanding features of this great exposition.

#### Pleasure Resort Hotel Puts In Elaborate Receiving Set

PLEASURE BAY, N. J.—Although the idea of utilizing a Radio receiving set to supply or supplement dance music is by no means a new one, probably the most elaborate application of this idea is elaborate application of this idea is SEATTLE, Wash.—When Mrs. S. planned for the new Casino Biarritz, on the banks of the Shrewsbury at Pleasure Bay, New Jersey, which is to open June

Although the place will feature Emil Coleman's orchestra, now heard through WHN, there will be installed a powerful six tube receiver with Western Electric amplifier. Besides the large cluster of loud speakers in the main dance room, the private dining rooms will each contain a loud speaker. The porch and lawn will also be wired, and it is planned to equip elty studio presentations.

WPG in link with WIP, Gimbel's Philaseveral small boats with portable sets.

## HALF MILLION **WATT OUTFIT** IS DISCUSSED

Term Superpower Is Hit

Engineer for General Electric Company Calls It Misnomer-Really No Superstations Exist

SCHENECTADY, N. Y.—Superpower, applied to Radio broadcast transmitters operating on fifty kilowatts of power, is a misnomer, according to Harry Sadenwater, engineer in charge of the General he broadcasting stations of the General the broadcasting stations of the General Electric company, at Schenectady, N. Y., Denver, Colo. and Oakland, Calif. He intimates that WGY may soon have a 500,000-watt or 500-kilowatt transmitter. Mr. Sadenwater, in an address recently, said that the use of the term "superpower" is misleading and inaccurate, for actually fifty kilowatts of power is often used in lighting an electric sign, and when one considers the large amount of service

one considers the large amount of service that a broadcast station is called upon to deliver to a large number of listeners, it seems ridiculous to call this amount of energy superpower.

Explodes Fallacies of Listeners
Discussion of superpower led many listeners to expect impossible results from fifty-kilowatt transmission. Many feared to turn up their tubes for fear the expected influx of power would destroy the tubes. Others expected that the increased volume would shatter their sets and cause a bedlam through the loud speakers.
In reality, a tenfold increase of power

from five to fifty kilowatts developed approximately three times the signal strength, according to Mr. Sadenwater.

The department of commerce has estimated the strength of t

mated that the range of a five-kilowatt station is approximately thirty miles for ninety per cent service to the listeners. This means twenty-four hours service every day of the year. Mr. Sadenwater believes this is a fair estimate in view of his knowledge that there are places within 100 miles of the fifty-kilowatt transmitter of WGY where satisfactory service cannot be received because of interference and strangely low signal levels.

Predicts Tenfold Greater Power He also believes that the next practical step forward is to increase again the power of the broadcast transmitters by a factor of ten. First the stations went from 500 watts to 5,000 watts, and now two 50,000-watt stations are providing more reliable service to their listeners. The next step to give any gain in volume to the broadcast listeners should be 500,-

to the broadcast listeners should be 500,-000 watts of 500 kilowatts.

"Such an increase in power would markedly increase the cost of operating the station," said Mr. Sadenwater, "and we do not know if such a step is practical. The five-kilowatt station may be operated successfully using three UV-207 tubes, but in the fifty-kilowatt transmitter twenty-two UV-207 tubes are needed. The rate at which the maintenance cost increases is high. We are now working on the problem of replacing the eight radio frequency amplifier tubes that are operated in parallel in the WGY fifty-kilowatt transmitter with a larger type of tube and possibly, with this, it will be economically practical to increase the power to 500

kilowatts.
"But even then there is no justification for terming such power as superpower. The station will only be more nearly equal to its task of supplying signals well above the noise level over a reasonable range

She Hadn't Seen in 9 Years SEATTLE, Wash.—When Mrs. S. D.

Armour twirled the dials of her receiver in New Orleans, she accidently picked up KTCL, Seattle. As she listened the announcer said, "The next number, a solo by Cyril Brown." The song proceeded and Mrs. Armour recognized the voice of her son, whom she hadn't seen for nine years. She did not know he had become proficient in music. A letter to KTCL told of the aerial bridge established between the long-parted mother and son. So a complimentary program was arranged and again she heard her boy sing.

# Pictures Are "Eyes of Radio

THIS Page Is to Help Those Who Say, "Yes, I Know Them By Ear Only," When Speaking Of WSMB, New Orleans, Artists of New Orleans during the World War, how she organized the Red Cross Canteen, and worked out staggering problems as financial chairman of the Council of National Defense, and is now director of an educational movement through a chain of sixty motion picture theaters scattered through five southern states, but space

Out of her multifarious duties Mrs. Werlein finds time for a chat with her Radio audience every Wednesday evening and she says, "the Radio and motion picture are revolutionizing education, amusement and families throughout civilization."

Now let your Radio eyes consider the little barefooted miss, just below Mrs. Werlein. This is Miss Marcella Roth, aged 10, and her assistant, Miss Ophelia. Marcella is the Twilight Story Girl and at this particular moment you are permitted to see her—"them," I should say—broadcasting to some 10,000 or more of little friends that stirring narrative, "The Three Bears." Marcella has just exclaimed, "Somebody's been sitting in my chair and broke it all to pieces!" You see, Ophelia had her tonsils out a few days ago so she can't talk and that's why

Below is the celebrated Castro Carazo, conductor of the Strand Theater Con-cert orchestra, famed for its classical concerts.

she's got her arms spread to show how the little bear's chair went down in a heap. Wouldn't you just love to have a broom straw and tickle that little foot where the toes are peeping out beneath Marcella? She has been one of the WSMB broadcasters every Friday evening for the past year. Marcella has 47 dolls and 47 hundred freckles that you can't see in that you can't see in the picture.

Did you ever wonder what kind of a looking chap stood up in front of that Strand Theater Concert orchestra and waved the baton when those wonderful cadenzas came sweeping into your room from the loud speaker? Well, here he is in the circle in front of Marcella-

Sgr. Castro Carazo. Young, vigorous, intelligent, he blends the spirit of the younger generation with the skill and grandeur of the generations of music masters that have gone.

In the mysterious depths of velvet curtains and shaded lights that enshroud every broad-casting station there sits or moves a genius who brings all the elements together for the day on the air. He is the program director whose duties often are combined with those of the announcer. Sometimes he must fill in as a singer, monologuist or instrumentalist—a very versatile person. In the picture beneath Marcella is Mr. Clyde R. Randall, program director-announcer at WSMB and at the moment you are loooking at him in this picture he is filling in with (Continued on page 29)



Mrs. Philip Werlein (above), who flies airplanes, balloons, hunts tigers and talks civic welfare on WSMB Radio. Marcella Roth (right), "Twilight Story Girl."

HEN Radio broadcasting first stepped out on the air with infantile, untried powers the publisher of this magazine perceived an important need for the listeners of that day and the future and proceeded immediately to supply it. And, forthwith, Radio Digest came into being with the announced purpose of being the "eyes of

That idea has been kept to the front from the beginning. On this page you find a creditable example of what that phrase, the "eyes of Radio," means. You see here, through the eyes of Radio Digest, some of the artists whom you perhaps have heard or will hear over Station WSMB of New Orleans. It is a typical example

but not an extraordi-

Perhaps you have heard the soft, resonant voice of the fair young matron at the top of this page and wondered if she could be as pleasing to the eye as she was to the ear. This is Mrs. Philip Werlein, III, a charming daughter of the South whose home is in New Or-leans. She is modern, progressive and does the things that many women wish they could do but don't know how.

When she first saw an airplane skimming through the sky she was thrilled. "I think I would like to fly," she said. So she did. And when she had flown as a passenger she thought she would like to fly as a pilot. So she flew and continues to fly as a pilot, where and when she wills. That's Mrs. Werlein for you—the same Mrs. Werlein whom you may hear speaking of civic welfare and Mrs. Werlein whom you may hear speaking of civic welfare and educational extension over WSMB.

It was wonderful to go whirring off over the tree tops, the houses and hills at tornado speed—but—but—how would it be to just soar quietly, gently without noise and without the terrific rush of wind—a balloon? She tried a balloon and qualified as an aeronaut! Yes, the same lady whose picture you see at the top of this page!

There are many more interesting things about this wonderful woman whose soft, southern voice comes to you through your Radio receiving set. We would like to tell you of her adventures as a lion and tiger hunter, some of her experiences in foreign lands, her success as chairman for the Liberty Loan drive for the city,



# Unmasks Little Ol' Lrofessor

GRIDLEY DOLMES, the Great Detector, Deducts for Friend Watty that WIL Announcer Is Handsome Young Vaudevillain-Not Weazened Old Man with Watery Eyes and Overslung Brow.

at me gravely through the narrow slits of

"And I think, Watty, old horse," he added after a thoughtful silence, "we are going to find out what's going on in the WIL

I felt the corrugated butt of the small automatic in my coat pocket and said with some reassurance: "I'm ready, Dolmes;

broadcasting studio. Are you ready?"

ND now what?" I asked with shameless curiosity shortly after I had entered the Oriental apartment of Gridley Dolmes, the Great Detector, and Hari Singh had relieved me of

my hat and cane.
"You are just in time," said Dolmes. He nodded significantly toward a queer looking cabinet of teak, or it may have been mahogany or black walnut. It occupied all of a small table about five feet long beneath which I could see electrical battery apparatus with wire attachments reaching up to the back of the cabinet. A cable extended from one end of the cabinet to the floor and beneath a heavy velvet portier that screened the adjoining room.

"I think you will agree that my deductions were faultless in revealing the mystery of the Solemn Old Judge; I proved conclusively that he was not corpulent, that he did not have a wart on the side of his nose, that he did not sit on a bench and talk into a microphone balanced on a pile of musty law books. In fact—but never mind that. Tonight I am going to rip off the mask of the Little Ol' Professor." The Great Detector tapped a slender screw driver all mounted in silver

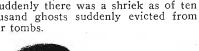
Not hard to detect that Leora Tho-mure (right) is this nice looking after hearing her pianologues and accom paniments at WIL. Frank Tritz (below) is the owner of that fine baritone where

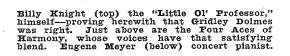
Leora plays.

and gold on the tips of yellow stained fingers and looked

Without another word he tossed his Scotch plaid smoking gown to Hari Singh and turned abruptly to the cabinet which I now observed had a panel with three or possibly five or six protruding knobs and various calibrated arcs inscribed with figures and indicators. With both hands operating simultaneously he rapidly began twisting and turning these peculiar thumb pieces. Often I had seen him work at a safe conbination with that same dexterity.

Suddenly there was a shriek as of ten thousand ghosts suddenly evicted from





"What's that?" I whispered huskily at the same moment jerking my automatic and pointing it toward the room behind the portiers from whence the sounds

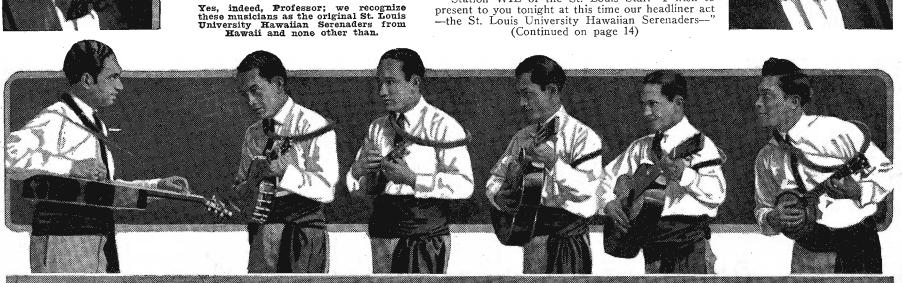
"Hetrodam! Blooperstatic!" gritted Dolmes. He took one of the knobs between his two palms and rotated it with lightning rapidity. The sounds increased and I was about to fire when he stopped suddenly and I caught the unmistakable murmur of a human voice from the darkened room.
"I got him, I've got him now," Dolmes stepped

back with a look of relief, although beads of perspira-

tion stood on his forehead.
"This is the Little Ol' Professor." Dolmes pressed a button that lighted the room as he entered. I heard the words myself as I followed at his heels. They seemed to come from a drum-like device, supported by a pedestal, on the mantel. The voice continued to articulate from this metallic object.

Station WIL of the St. Louis Star. I wish to present to you tonight at this time our headliner act—the St. Louis University Hawaiian Serenaders—" (Continued on page 14)





# RR Second Licensed Station



ALLAS Radio Fans Pass the Hat After City Contributes \$10,000 and Collect Funds to Resume Municipally Owned and Controlled Station, First on Air After KDKA

sioner McGee to do the same work for Dallas. His offer was accepted.

Ben Emerson, another Western Union man, had become keenly interested in wireless. As soon as the wireless tele-phone was discovered he built a Radio-phone at his home. This was late in the year 1920. He had both sending and receiving equipment. Mr. Emerson volunteered to broadcast messages for the police

J. Elliot Frank (upper right), poet laureate of WRR. Dr. James Wood (right center) staff singer, formerly with San Carlos Opera.

By W. J. REID

Secretary Radio Commission, Dallas, Texas

AVE you heard the call letters WRR, the City of Dallas, the city of achievement, sent out in continental code, also announced by voice a few seconds later? If not, tune in between the hours of 8:00 to 9:00 p. m. Central standard time, on 246 meters any evening except Wednesday, which is silent night, and you will hear the first municipal broadcasting station in the world and the second licensed station in the United States, KDKA, Pittsburgh, Pa., be-

Radio development began in Dallas with aniateur wireless telegraphy. Several amateur wireless stations were in operation before the World war, during which period they were closed down. The war department assumed control of all such equipment. After the war the amateurs began once more. The young amateurs led by several older heads, who were experts, patiently plodded away, little dreaming of the reward in store for them.

Frank M. Corlett Western Union tales

Frank M. Corlett, Western Union telegraph expert, was the local leader of the amateurs. At his home he rigged up a powerful wireless sending and receiving set. He found that the police department of New York was making good use of wireless in broadcasting descriptions of criminals and he proposed to police Commis-

Adolphus Hotel (below), home of WRR, Dallas. Paul E. Ashley (right), director of Magnolia Dallas band, consisting of fifty pieces.



department at the same time they were being broadcast by Mr. Corlett in code. The spare room

city and WRR, the municipal Radio station, was established on the second floor of the central fire station.

The first music broadcast over WRR, was from Victrola records. This music was appreciated by the public at that time and was used up to the closing down of old WRR by orders of the United States government the United States government April 1, 1925, on account of obsoleté equipment.

The first speech over Radio in Dallas, was delivered by former Mayor Sawnie R. Aldridge. In the evening of election day, he was taken to Mr. Emerson's home as soon as the returns howed that he was vi From there he thanked the voters of Texas for their support. Several thousand persons were listening in, for by that time receiving stations had become numerous and loud speakers were in use.

One of the first programs broadcast was a Sunday morning sermon by Dr. George W. Truett from the First Baptist church. Arrangements were made to continue broadcasting



One of the best advertisements WRR had in the dent Henry Garrett in his duties with the signal system. He equipped the machine with a receiving set so that he could listen in while driving around and receive fire alarm signals which were broad-cast automatically from Corlett's station. Music issuing from the car as it passed down the street aroused much curiosity.

While Radio was developing in Dallas, it was likewise making rapid advancement in other cities. Broadcasting stations were established faster than inventors were able to meet the needs of the new conditions. The government was forced to step in and regulate the music and (Continued on page 29)

## Wichita Calls to Charleston

TTENTION, South Carolina DXperts!

KFH of Wichita, Kansas, 268 meters, is calling. It is a comparatively new station, but it has heard from every state in the Union except South Carolina. Will some sharp-eared dial twister in the Charleston state nick into this wave and send for a confirmation card from Mr. Richard M. Gray, manager of the Hotel Lassen, and papa of Radio Station KFH?

and send for a confirmation card from Mr. Richard M. Gray, manager of the Hotel Lassen, and papa of Radio Station KFH?

It was Dick Gray who really put this section of the country on the Radio map and he is deserving of a reasonable amount of credit. You see Wichita is a trade center for a wide section of that vast area generally called the "Southwest." The people who live in the small towns and the country for a hundred miles round about can buy almost anything in Wichita that they could in Kansas City, which is the nearest metropolis and is located about 160 miles away.

For people who live in the large cities Radio broadcasting is regarded chiefly as a source of entertainment. For the farmer it has become a genuine utility—almost an absolute necessity. He needs it to keep abreast of the market quotations for his produce. It tells him when to sell and when to "hang on" to the best advantage. He gets the news of the world as it happens, without waiting for vicarious deliveries of the rural most."

Out of the pressing need for a broadcasting station in Wichita, a 50-watt transmitter was installed by the Wichita Board of Trade and the Wichita Chamber of Commerce. It was used almost exclusively to inform farmers about the wheat market for, be it known, the state of Kansas is the greatest winter wheat state in the nation. The next nearest broadcasting stations of any size were at Kansas City, on the east; Dallas and Fort Worth, on the south; Denver, on the west and Hastings and Omaha, on the north.

"Thousands of people live around Wichita

"Thousands of people live around Wichita with small sets and they are unable to use them except to get the local market reports," said Mr. Gray as he talked the matter over with Merle K. Bennett and J. L. Fox of the Adams Music company and other Wichita business men. "There is plenty of good talent in Wichita and it is a public duty to our city and our community that we install a broadcasting station that will give our people the same advantages other communities enjoy."

The upshot of it all was, that Mr. Gray took the 50-watter off the hands of the trade boards along with the efficient operator,

boards along with the efficient operator,
Amos Dadisman. Then he bought a new 500watt outfit and went down to Washington for his
call letters. The bureau recognized the actual
need of a station in Wichita and he

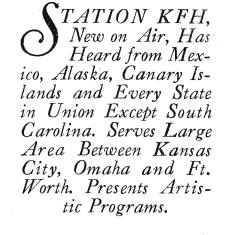
had no trouble getting the call letters KFH and the 268-meter wave.

Then Mr. Bennett and Mr. Fox bustled around working up the entertainment features. By the time the 110-foot towers were in place on top of the hotel and the station house and its contents were established on the roof, all the needed talent was in

line and ready to take the air.

The grand inauguration was held last January 29, Kansas Day. On the

At left is J. L. Fox, assistant program director and announcer. Below is the Coleman String quartet. Left to right they are: Ivan Streed, Terry Ferrel, Edward Turner and Frank Hollowell.





program was the very charming Miss Dorothy Crewe, who, despite all that has been said about sopranos on the air, simply took her Radio audience by storm. Her voice has that soft, seductive quality that seems to coo like a dove through the receivers. There were scores of letters and cards complimenting the McVicar-Howard ladies' quartet. Some said they were the "best on the air anywhere." Of course Harry Hunt's Imperial orchestra, which plays regularly at the Hotel Lassen, furnished its share of the entertainment. Solomon M. Kaiawe, Clifford M. Smith and Gage K. Brewer put on a Hawaiian feature that brought a flood of requests for "repeats." And the Coleman string quartet was another feature that delighted the listeners throughout the Southwest. These entertainers still are features of KFH and since that day many new ones have been added.

And you will please make note of that, Mr. DXpert of South Carolina. If you should chance to be dialing on a Sabbath morning when many of the other stations are silent it is probable you will hear a sermon by the Rev. W. H. Rogers of the First Baptist church. Alaska and Mexico have reported long ago and now Mr. Gray will be glad to hear from you.

Imagine what KFH could have done in the old days when the notorious James boys were reaming through these parts making large bank collections with the aid of blue steel and cold lead! "The James boys are now heading west from Winfield," the announcer would say. Farmers, posses, sheriffs, deputies would be quickly mobilized to form an iron ring that would bring their bandit careers to a speedy end.

# BIG RABBIT & By Hugh

OMEWHERE behind scenium of arching swaying Spanish moss, beyond the maddening babble of these wrangling, half-barbaric blacks was Roberta, beautiful and imperious. Was she? A sickening thought that she may have been overwhelmed by Trimble, Big Rabbit, the self-elected chief of this horde of zootheistic fanatics caused me to gasp and yearn for some decisive ac-

But I knew that Borton, the efficient, my very capable buddy, was also back there and I felt reassured. It was my place to stand and wait.

We had followed her from Atlanta to Florida, after she had been virtually kidnaped by Trimble and her guardian, Major Gaskill. They had vanished into the jungle wilderness of the upper St. Johns. Borton had discovered their hid-Johns. Borton had discovered their hid-ing place by desperate stalking, wading and swimming the treacherous swamps. He found that Trimble was a haughty and greatly feared mystic of the super-stitious negroes, known as "Big Rabbit." Once he had reached the jungle depths

he assumed control and Gaskill, who had formerly used him and his followers in a big lumber steal, was in his power along with the pretty white girl, Roberta Tonneson, his ward.

Danforth, a New York detective, sent to investigate the timber thefts, had joined us. He and I had disguised ourselves as negroes to mingle in the throng at this great assembly called by Big Rabbit. Borton was working, literally, behind the scenes. The negroes were waiting for their chief to appear on a great stage, erected in a cleared amphi-

While Danforth had gone around listening to the group conversations I had prowled a little behind the stage and found Tillie, Roberta's maid, now sick of Trimble and ready to assist in his downfall. She was scheduled to have a part on the stage in the forthcoming demon-

The fireworks were about to start and I joined the throng, ready to shoot in de-fense of the girl, whose part in the performance I could not foretell.

#### CHAPTER X

The Rabbit Appears

OARSE murmurs of half reexcitement throbbed through the strange assemblage, as the excitement increased and the weird, mystic inherited memories of tribal rites in African jungles stirred within the black breasts. Pressed toward the front of the swarm of negroes I felt my own pulses quicken with some strange fever which seemed suddenly to seize upon all. What it was I could not tell. It seemed as if some strong, mysterious emotion passed from man to man; a fever that set the blood racing, and tensed the muscles.

The bedlam which had endured for an hour commenced to subside; the sound of the mob took on a deeper tone. The shrill cries and laughter, and the screams of overwrought women became less and less frequent. No announcement had been made, no message flashed, yet everyone, by common impulse was pressing forward, closer and closer to the barrier line marked upon the ground to hold them back from the stage which soon was to be the scene of a strange drama of superstition and barbarism. In spite of my efforts to keep calm and to control my thoughts I felt the mysterious force which seemed to direct the mob.

Suddenly I remembered Danforth and strove to pick out from the nearest of the vicious, beastial looking blacks the form of the little detective. Once i thought I saw him in a group near the front rank of the crowd, but as I looked the man drew back and was lost in the

The scene was becoming more impressive, fantastic and barbaric as the noise subsided. Still there was no action. Then, without notice, a single blow was struck upon a drum. A roar swept, wavelike, over the crowd. Two small doors opened at the back of the stage and two huge negroes, attired in long, white cotton tunics, ran out at either side of the stage and threw arm loads of turpentinesoaked pine into the big kettles.

In a moment the flames leaped thirty feet high into the air, flaring almost to the limbs overhead and setting the moss high above swaying with grotesque effect. The firelight danced a devil's

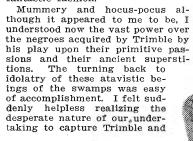
dance with the shadows along the edge The crowd, murmuring now with a lower note, muttering with suppressed excitement and expectation, pressed a step closer toward the stage. There were few audible cries. It was a heavy, muttering undertone, a rumbling of pent passions, a thousand voices, gutteral and deep, speaking as one.

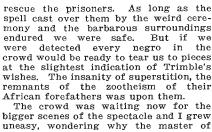
OME mystic rite was about to be performed. The thought flashed through my mind that this ceremony was the offshoot of some great religious rite celebrated perhaps hundreds of years ago among the savage tribes of Africa and handed down, generation after generation, to the sons and grandsons of slaves captured when rum and negroes were the chief imports of the Massachusetts traders.

The door at the rear, exactly in the center of the stage, was thrown open. A gigantic black, bearing aloft a great, flaming torch, entered and, after remaining motionless, facing the crowd for an instant, as if in silent salutation, slowly elevated the torch until its flames leaping upward, struck upon the writhing, twisting cluster of rattlesnakes suspended above the throne. As the heat beat upon them the serpents twisting, striking at each other, rattling in agony, hissed and fought until the mass became a living pinwheel of venom and death. The deep, sibilant breathing of the massed negroes changed. Half hypnotized they expelled the air from their lungs in sympathy, and a hiss like that of the snakes, multiplied a thousand fold, arose. A woman, overwrought, screamed wildly somewhere in the crowd.

The two torch bearers at the side of the stage who had stood, motionless during this scene, stepped forward, plunged fresh torches into the seething cauldrons of turpentine flames, drew them flaring of turpentine names, drew them fiaring from the fire, and, advancing with measured steps toward the heads of the shackled alligators, thrust their fiery weapon against the snouts of the saurians. The cavernous mouths opened wide and the bellowings of rage and pain of the tortured things smote upon the air of the tortured things smote upon the air until it shook. As the mouths opened the torch bearers plunged the flaming firebrands into them. The huge tails flailed the air and beat hollowly upon the logs to which they were shackled. Like the echo of their bellowings the throng voiced its approval; the voice of the mob deeper and more terrifying than was the rumbling of the bull alligators.

GAIN, as if unconsciously, the AGAIN, as it unconsciously, the crowd surged forward a space as though drawn closer by some strange force. I felt myself pushed close to the dead line, nearer the stage and quietly resisted, looking around quickly. All eyes seemed fixed upon the stage, around the stage and the stage are the stage and the stage are the stage. seemingly incapable of seeing anything else. They were gazing at the scene quite hypnotized, held in thrall by their own emotions which were being played upon in this fantastic fashion.





uneasy, wondering why the master of mummery had not made his appearance. Suddenly the entire crowd, as if by some instinctive impulse, vibrated with a new emotion and surged forward again.

"Ai-i-i-YI-!"
This wild yell of greeting and expectation burst from a thousand throats at once. The final, sharp, staccato note crashed upon the ear drums like a blow. Men bellowed hoarsely; women screeched and shrieked in a frenzy of half hysterical excitement.
"Ai-i-i-i-YI-!"

HE indescribable howl arose again. The swamp seemed flooded with noise. The heavy trees which walled the open space sent the sound crashing and reverberating around and around the devil's cathedral of the woods, and the wide stage, acting as a sounding board, hurled it back. The snakes writhed, rattled and hissed unheard.

"Ai-i-i-i-YI-!" The half wail, half cheer, exploded from the lungs of the negroes for the third time, louder and wilder than before. Suddenly a silence which seemed thunderous after the indescribable din,

fell upon the assemblage.

Again a single, reverberating blow upon a drum. The door again opened. Before I could see what it was that was slowly entering upon the stage the crowd went into a paroxysm of screams,

screeches, shouts, cries and frenzied wells.
"Ai-i-i-YI! De Big Rabbit! De Big

"Ai-i-i-YI! De Big Rabbit! De Big Rabbit! Ai-i-i-YI!"

At the door there appeared a figure entirely clad in the skins of rabbits, two huge ears sticking straight up, the fore paws drooping from the wrists. The creature hopped several times then straightened, and walked erect with pompous strides. Almost at the first movement I recognized the form of the arrogant, egomaniac negro. Trimble.

arrogant, egomaniac negro, Trimble. "King Solomon," as he called himself, "King Solomon," as he called himseir, had come into his kingdom. Wilder and wilder grew the excitement; louder and louder the din. The bellowing of the men, the screams of the women, the affrighted roars of the tortured alligators, the fialling of their tails upon the logs, mingling, stunned the ears.

HE scene was beyond description. HE scene was beyond description. Men tore themselves free from the packed ranks and hurled their bodies prostrate in the open space before the stage. Women, tearing their scanty garments from ebony bodies, flung themselves down onto the ground, or knelt, beating their breasts with their fists and chanting some weird refrain. A hundred were on the ground in the open space, some with heads close to the flaming tettles. A fat wench, standing near me, with face upraised, shouted as if at camp with face upraised, shouted as if at camp meeting. A madness seized upon the multitude the madness of fanatical hysteria. Few words were distinguishable. In their emotional frenzy they were speaking in the language of their barbaric ancestors.

Somewhere to the left of where I stood a big negro, bare to the waist, commenced booming out in a deep bass voice, a chantey frequently sung by the river negroes. Evidently that chant was the modern version of some savage African hymn. The words were rican hymn. The words were meaning-less, but the swing and rhythm of it as sung by the frenzied crowd sent chills through the blood.

"Ho Riley, Ho Riley, Ho Riley
Ho, Riley, Ho!
Come Riley, Come Riley—
Ho, Rabbit, Ho!

Ho, Rabbit, Ho!

In an instant the throng had taken up the strange, unmeaning refrain and the words rolled through the forest with something akin to solemnity in them. The hysteria commenced to pass as the overwrought feelings of the mob quieted under the influence of savage harmony. For perhaps five minutes the weird monotony of the chant continued. Then silence fell, as the rabbit, standing and stretching to full heighth, upraised a huge rabbit's foot and performed some mysterious incantation with it 'making slow movements under the cluster of slow movements under the cluster of writhing snakes. A murmur greeted the act, deep throated and gutteral.

HE torch bearers plunged fresh torches into the fire pots, raised them and tortured the alligators and snakes, goading them into new outbursts of frenzy.

The drum sounded once more.

The mood of the crowd changed. A roar as of applause, laughter and raillery succeeded the tense undertone. Comedy was to succeed tragedy. As the door at the rear opened again a smaller figure, clad in rabbit skins, hopped out onto the stage. The figure was graceful and lithe, the movements quick and saucy. The rabbit face mask quick and saucy. The rabbit face mask in contradiction to the lissomeness of limb and body, was weazened and old and the pert position of the ears, together with the wrinkles of the comical face, gave this rabbit the appearance of preternatural wisdom.

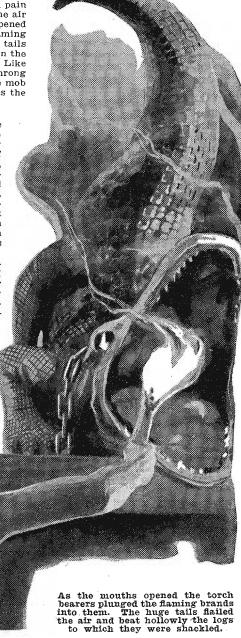
"Ai-i-i-i! Mammy Bammy!"
The crowd yelled in almost childish

delight.

"Ai-Yi—Hyah de Big Money! Hyah!
Mammy Bammy! Mammy Bammy look
wise!" Evidently Mammy Bammy was
popular and well liked while Big Rabbit was some symbol of power to be
dreaded. Even I, ignorant of superstition and of negro tradition, understood
that.

The Mammy Bammy hopped pertly across the stage, preened her fur and squatting, facing the crowd, wiggled the nose while the crowd yelled in de-

I understood at last. The person inside that coat of rabbit skins was Tillie. She hopped in front of the throne chair, cocked her head first one side, then the other toward Trimble. Hopped to the smaller chair, onto the dias and into the chair, seating herself and mov-



ing the head from side to side, each droll effect bringing a roar of glee from the

Big Rabbit waited, restless, impatient. Twice he made motions with his paw, jealous that Tillie should hold the center of the stage and appear to defy him.

The drum sounded hollowly—one deep

THE crowd fell into silence again.
Trimble, stretched to his full
height, took one step forward,
holding aloft in one hand the huge rabbit foot which seemed his sceptre or symbol of power. For an instant he stood motionless, allowing the silence to add to the effect. Then he took one more step forward—and stood statue upon his own emotions, were meaning-less jargon. He delivered a tirade against the white race, and as his ex-citement increased he lapsed into the dialect of the negroes. The man was beyond doubt insane, crazed by morbid pride and hatred of the man who had been his master, drunk with his power over the negroes.

T WAS evident Trimble was working the crowd up to some climax and I shuddered as he played upon the superstitions of his followers, invoked their slumbering hatred of the whites, goaded them with a desire for wealth and freedom from the labor that had brutalized them and made them lower than the beasts of the field or forest.

His tirade became wilder and wilder until his voice rose almost to a shriek. His audience, swayed by his savage eloquence, moaned, groaned, shrieked in rage and snarled The woods seemed to shake as they in furry. voiced barbaric resentment to the wrongs of the blacks of a dozen

generations.

CHAPTER XI Jedge Terrapin

AJOR GASKILL, drawn to full height, his white hair uncovered, stood unflinching, a look of sneering contempt on his face. A growl of rage and savage desire arose from the crowd; the cry of the oppressed suddenly armed with power. Big Rabbit had stopped as if paralyzed, the writhing thongs of the whip still swaying as he held it aloft. Miss Tonneson stepped forward a pace, her little foot stamped the platform and she spoke sharply. The imperious gesture of her hand interpreted her words which none save the actors in the strange tableau could hear.

The door at the rear had opened again, but none on the stage, save Trimble, saw the figure which appeared in it. The crowd saw and a murmur arose. As the girl spoke to him Big Rabbit drew back, wincing. Her words had stung him out of the paralysis of surprise that seized him as the door opened. Her words appeared to lash him into fury. Raging, he stepped toward the girl, with whip uplifted. My automatic leaped from my pocket. I was determined to fire before that lash could fall, regarding his ground a moment, backed slowly away as the turtle advanced upon him. Mammy Bammy, crouching, was scared. The beautiful white girl and the tall, stately man with the white hair and mustaches, seemed out of the cast. The turtle, waddled slowly toward Big Rabbit who retreated, step by step, as if afraid.

The rabbit had backed almost to the side of the stage when the turtle upreared itself upon its hind flappers, its head wagging and faced the rabbit.

head wagging and faced the rabbit. Trimble suddenly emitted a cry of rage, lifted the whip and leaping forward lashed at the head of the tortoise.

A howl as of maddened animals greeted the act. The crowd surged forward angrily. For an instant it seemed as if they would rush the stage, selze the rabbit and tear him to pieces. It was plain the rabbit had committed an ext of sacrilege in striking the tortoise.

act of sacrilege in striking the tortoise.

But the forward surge of the crowd stopped short. A shrill scream of appreciation and delight arose. Like a flash, as the whip was falling, the terrapin, swinging its right flipper, had hit the unprepared Trimble squarely on the jaw and the giant negro, in his rabbit skins, dropped like a stricken thing and lay kicking on the boards, for all the world like a dying rabbit.

A THRILL ran through me. Before I could figure out what the reaction of the blow would be the crowd screamed applause.

"Ai-i-i-YI! the crowd yelped, "Ai-i-i-i-YI—Ol' Jedge Terrapin too much foh Big Rabbit!"

That lightning like blow of the flipper struck me almost as hard as it struck the rabbit. In the motion I recognized a punch which had often landed on me in friendly boxing contests. The man in the terrapin shell was Borton. As the crowd screamed applause of his act in knocking Trimble down I real-

ized that, for the time being, he was safe and the sympathy of the throng was with him. The half crazed crowd, aroused because the rabbit had dared strike Judge Terrapin with a whip, was ready to defend him.

Big Rabbit had backed almost to the side of the stage when the turtle upreared itself upon its hind flippers . . . swinging its right flipper, hit the unprepared Trimble squarely on the jaw and the giant negro in his rabbit skins dropped . . . kicking for all the world like a dying rabbit.



for the murmur of approval to subside.
"This time each rabbit will gnaw two

The suppressed excitement and mur-

The suppressed excitement and murmured assent increased.

"Next week, on Tuesday, gnaw one tree and float it to the nearest raft. Friday gnaw another tree. Twice a week we will gnaw, and the white man's mill will saw the trees. This time the money is ours. The white rabbit is in our

followed the announcement. Again Trimble raised high the Rabbit's

foot, commanding attention. A man had been pressing close against me and twice I had moved slightly to avoid contact. As Trimble issued his order to

his follower the man gripped my arm tightly, and as I started to jerk free from his grip I whirled and saw it was

"That rabbit is my meat," he said in low tone. "He's the one I've been

Before I recovered from the start he

thad given me he was wriggling away through the crowd. I would have followed, but my plan already was made. I determined to remain at that place, watch every movement of Trimble, and

to shoot if the necessity demanded it. I understood the situation clearly. Major Gaskill, authority on negro cus-

toms, had used his knowledge to gain power over them and get them to aid him in vast thefts of timber. Trimble, his tool, had turned upon him.

The negro was talking now, rapidly, passionately, his voice raising and fall-

passionately, his voice laising and fair ing as he preached the wrongs and the rights of the colored man. The man was a consummante actor. Scarcely a

sound came from the savage crowd save the heavy breathing of men under strong emotion. Trimble explained how this

great theft of timber was to be accom-

The torches were burning lower and the pitch-pine fires in the big kettles were dying down. A strangling pall of

resinous smoke was commencing to set-

tle heavier and heavier over the scene. The chances of escape by a sudden dash

It is impossible to reproduce the words of the big rabbit. Half of them, after he became frenzied by playing

improved with the declining light.

WILD outburst of excited voices

The drum thundered. The whip hissed through the air. The door opened. Major Gaskill entered, followed by Roberta Lee Tonneson, and a sick dread of what

he had flinched and by this movement acknowledged the superiority of the white, stepped forward angrily, raising the whip as if to strike. My hand tightened around the butt of the automatic. Before the blow could fall an uproar which made the din preceding it seem small, arose and announced the strangest scene of that night of weird

less of consequences. But the shot never

was fired.
"Ai-i-i-i-i-YI!"

The savage yell of the multitude, higher pitched and shriller than ever, nigner pitched and similer than ever, announced the new development. The lash dropped from Trimble's hand and he drew back bewildered and terrorized by the unexpected turn. Major Gaskill and Miss Tonneson, turning quickly to see the cause of this new outbreak, stepped backward, as in amazement. The Mammy Rabbit slipped down from her chair and crouched, half hiding, and trembling beside her dias.

Emerging from the doorway was the

strangest figure of that nightmare phantasmagoria. "Ai-i-i-i-YI!"

"Jedge Terrapin--"Jedge TERRAPIN!"

The negroes, excited to a higher pitch than ever, screamed wildly.

A HUGE turtle, its shell almost five feet across, its head protruding ludicrously, light flashing from its eyes, waddled slowly out to the center of the platform, its big flappers

slapping the floor.
"Jedge Terrapin done come! Jedge
Terrapin done come to hol' court"

The negroes were in a frenzy of excitement. Some laughed, some shouted, others wailed, expressing a new emotion could not understand. řew

themselves again and shouted:
"Jedge Terrapin—! "Jedge Terrapin
—! De Jedge! De Jedge!"
I stood amazed, incapable of action,

bewildered, wondering what next was to happen, understanding only that something had happened to Trimble's

It was like some scene from a fantastic pantomine, which was incomprehensive to me but which the negroes appeared to understand. Big Rabbit, hold-

The terrapin stood erect, wagging the head with comical effect, as if boasting of the feat. With a raucous laugh he spurned the rabbit with a backward kick of one flapper and waddled across the stage. The crowd broke into appreciative guffaws. The terrapin stopped directly in front of Major Gaskill, extended the neck and pushed its sharp nose close to Major Gaskill's face, wag-

ging the head drolly.

"Ai-i-i-i-YI!" yipped the delighted

crowd.

The ungainly monster waddled a few paces, approached Miss Tonneson and, stretching his neck, turning the head sideways, appeared to be examining her face closely. The negroes, delighted, yelled again. The girl started, shrank back then stiffened suddenly and stood still. I knew from her actions that Borton, under cover of his coarse comedy, was explaining the situation to her and telling her how to escape. She moved a trifle closer to the major, instinctively for protection, but made no move to

HE turtle waddled to the prostrate colored girl, dropped to all fours colored girl, dropped to all fours and appeared to be looking at her. Tillie, who had shrunk from him suddenly, became active, rose to all fours and hopped around the stage, stopping close to Miss Tonneson.

Trimble was commencing to recover from the effect of the blow and was starting to sit up when the terrapin waddled to him and half lifted him from the float of the recovery the float of t the floor. I did not know until later that an automatic, pressed against his ribs and a rapidly hissed warning was the chief propelling force. The strange pair moved across stage to the rear door where the rabbit disappeared; the ter-

(Continued on page 28)

Gradually the fear was growing within me that Trimble's intention was to wreak his vengeance upon the white man and the girl he held captive. I shivered with horror and gripped the automatic tighter. The nature of the vengeance became more clear when he drew a many lashed whip from the folds of his rabbit skin costume and made its of his rabbit skin costume and made its throngs hiss through the air to emphasize his words. He intended to break Major Gaskill's spirit, to flog the aristocratic, overbearing white man who had scorned him while using him. He would whip him for the gratification of this throng of frenzied negroes, now mad with hatred. He would show them he was master.

he was master.

was to come seized upon me.

Major Gaskill walked erect, scornful, disdainful. Even the knowledge of his dishonesty and his crooked methods did dishonesty and his crooked methods did not keep me from thrilling with admira-tion at his bearing. He faced Trimble, his lip curling with scorn, and spoke sharply. In spite of his brave words the negro flinched and gave way. Ignoring the presence of the multitude the major stepped protectingly between the negro and his ward. What he said to Trimble no one save those on the stage could

hear—but it cut deep.

The negro, maddened by the fact that happenings.

# -O-S: New Lortable Super

DESCRIBING Wiring in Most Simple Manner Possible. How to Add the Finishing Touches Told in Detail.

By MILO GURNEY

F THE Rev. Abner Hitchcock—hailing from Massachusetts—doesn't put down a long "good mark" for me, one that I can show the doorkeeper when I leave I can show the doorkeeper when I leave this vale of tears, then I'll be "offa" preachers for life. The reverend wrote to me that circuit diagrams meant just about as much to him as a treatise upon hygiene would to a hog. Which merely prefaces my remark that in place of furnishing a wiring diagram for the connections of the S-O-S Portable, a numbered and lettered wiring plan is given herewith. and lettered wiring plan is given herewith, while the wiring instructions will follow this "point to point" system.

Assuming that you have mounted all of the apparatus including the audio transformers which consider the

formers, which are of the sub panel mounting type, we are then ready to begin the ing type, we are then ready to begin the wiring. Celatsite flexible wire has been specified, because it is so convenient and for its special fireproof spaghetti covering. Other insulated flexible wire may be used but the size used should not be over 16

gauge.

Referring to figure 4 of the last issue, drill holes were shown beside of the Victoreen transformer mountings as well as beneath the variable condensers and at other points wherein the wiring passes through the sub panel. This allows all of the wiring to be concealed.

The Thordarson transformers mount just back of Benjamin sockets 7 and 8. Holes are drilled to permit the posts of the transformers to pass through the panel where connections may be made. The locking studes on the transformer posts fasten the transformers to the sub panel. Each grid leak and its associated condenser is shown as mounted either upon the face of the sub panel or underneath it if desired, while the C battery is intended to lie flat upon the base of the portable cabinet underneath

The Wiring Operations
We are now ready for the wiring which
will be given in alphabetically lettered operations and from point to point. Refer to the large drawing below.

erations and from point to point. Refer to the large drawing below.

A.—Connect G terminal of Victoreen 1 to terminal 2 of socket 2; G terminal of Victoreen 2 to 3 of socket 3; G terminal of Victoreen 3 to 5 of socket 5, and G of Victoreen 4 to one terminal of the Aerovox grid condenser. Remaining terminal of this condenser is attached to 6 of socket 6.

B.—Connect P of Victoreen 1 to 9 of socket 1; P of Victoreen 2 to 10 of socket 2; P of Victoreen 3 to 11 of socket 3, and P of Victoreen 4 to 13 of socket 5.

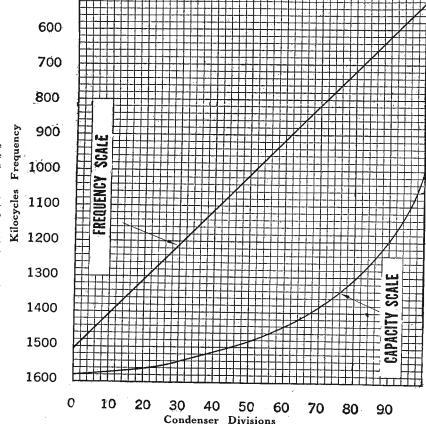
C.—Connect + terminal of Victoreen 1 to the + terminals of Victoreens 2, 3 and 4, and from + on the latter connect plus B terminal of Thordarson transformer T-1.

D.—Connect F terminals of Victoreens 1, 2 and 3 together, and from F terminal of 3 connect to 47 of potentiometer C. Connect together the terminals 17, 18, 19, 20, 21, 22, 23 and 24 of sockets 1, 2, 3, 4, 5, 6, 7, and 8.

5, 6, 7, and 8. E.—Connect terminals 26, 27 and 29 of sockets 2, 3 and 5 together. Connect 26 of socket 2 to 39 of rheostat B. Connect terminals 26, 27 and 29 of socket 2 to 39 of rheostat B. Connect terminals 26, 27 and 29 of socket 2 to 39 of rheostat B. Connect terminals 26, 27 and 29 of socket 2 to 39 of rheostat B. Connect terminals 26, 27 and 29 of socket 2 to 39 of socket B. Connect terminals 26, 27 and 27 and 29 of socket B. Connect terminals 26, 27 and 29 of socket B. Connect terminals 26, 27 and 27 and 28 and 29 and 29 and 20 and 2 minals 30, 31 and 32 of sockets 6, 7 and 8 together, and from 31 of socket 7 connect

a wire to 37 on rheostat E.
F.—Connect, in order, by means of a long wire, 33 of rheostat A, 34 of rheostat B, 35 of potentiometer C, 40 of rheostat D, and 41 of rheostat E.

G.-Connect 25 of socket 1 to 38 of rheo-



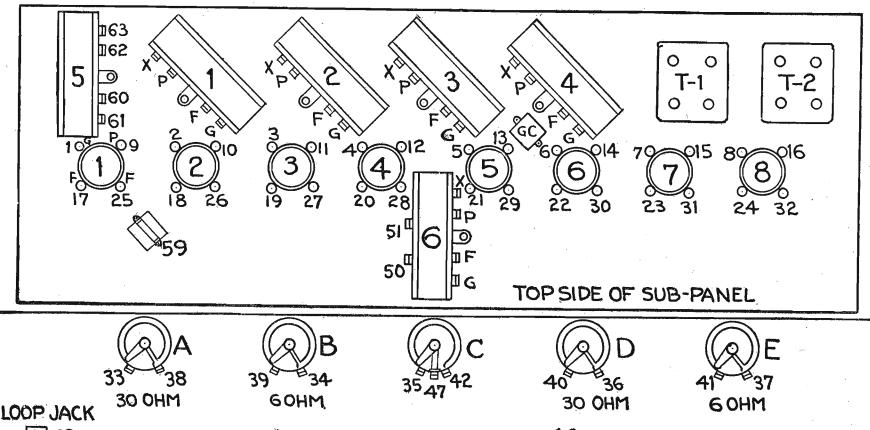
stat A; also 34 of rheostat B to F of Victoreen 6 and from here to one terminal of the 1 mfd. Aerovox condenser. Connect the + terminal of Victoreen 6 to remaining terminal of the 1 mfd. condenser and also to + of Victoreen 2.

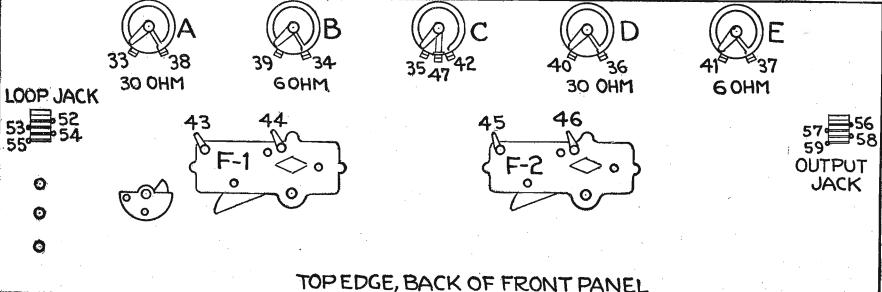
H.—Connect the P of Victoreen 2. of 12 of socket 4 and on to 45 of Amsco variable condenser F-2. Connect G of Victoreen 6 to 4 of socket 4 and on to 46 of condenser F-2.

I.—Connect 50 of Victoreen 6 to 20 of socket 4, and terminal 51 of this Victoreen to 44 of the condenser F-1 and on to 55 of Carter loop jack. Connect 43 of the condenser F-1 to 52 of Carter loop jack, and then to one terminal of the Aerovox condenser 59.

The other terminal of this condenser connects to 1 of socket 1.

J.—Terminals 60 and 61 of Victo(Continued on page 30)





# Old Man Static's Funeral

NCE upon a time," as all bedtime and other stories should start, a fellow named David Harum typed the remark that "Fleas were essential to a dog as an ever reminder that he was a dog." The author is going to borrow this soothsaying by remarking that experiments with underground antennas which do not work in your location are an essential proof that you are an experimenter. If each experiment was successful, one would soon tire. The novelty would diminish and Radio would have but little interest to you.

Because any of the types of buried antennas previously described have failed to function, does not in any manner prove that they are not efficient in all localities, but may indicate that they won't function where you live. The whole thought back of the experiments is that of presenting for your information some of the work that has been done, and to create an added interest which would spur many listeners into

entering this most fascinating work.

To illustrate, were you B. L. Lowe, R.R. 2, Dickerson Road, Nashville, Tenn., who has "fished" in 37 distant stations upon the underground antenna which

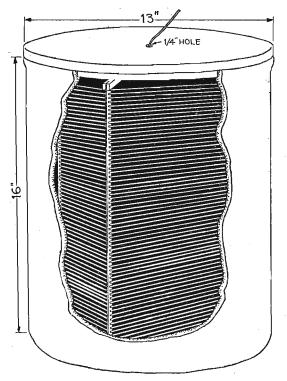


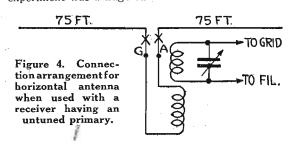
Figure 1. The scheme of B. L. Lowe for a buried antenna, which requires a ten-gallon crock, is illustrated here. Broken view shows interior.

will be now described, it appears you would have called it a perfect day and the experiment a success.

#### B. L. Lowe's Earthen Crock

Mr. Lowe uses the scheme shown in figure 1 which comprises an ordinary ten-gallon earthen crock obtainable at the grocery or variety store. The novelty of the device arises from the method employed and the manner of construction, while its operation, according to Mr. Lowe's report, is such as to indicate that the device is hard to beat.

Picking out a few of the 37 stations which this gentleman in Nashville has brought in on loud speaker, we find KFOA, WBAP, KFKX, WJZ, KMA, and a host of other stations well distributed over the country. Visualize KFOA as located at Seattle, Wash., WBAP at Fort Worth, Texas, and WJZ on the Atlantic seaboard, and then you will agree that his experiment was a huge success.



The earthen container which Mr. Lowe used measures 13 inches inside diameter, with a total height of approximately 16 inches. These measurements one will find about equivalent to a ten-gallon crock. The winding skeleton consists of an oblong framework composed of two cross pieces of hardwood whose length may be 10 to 11 inches, or just small enough to fit loosely into the crock, and four ½-inch strips of No. 10 gauge copper or brass 14 inches long. See figure 2. Each of the strips are drilled for their total length with ¼-inch holes upon ½-inch centers according to Mr. Lowe, but notches similarly spaced instead of holes are recommended by the writer. These strips

Here Is the Famous "Crock" Antenna of B. L. Lowe. Claim Method Reduces Static. Experiment in Horizontal Antennas.

#### By MILO GURNEY

form the upright section which maintains the wooden cross pieces, and are securely fastened to the respective ends of such pieces. Figure 2 is a detail plan which makes the correct construction of the winding form clear.

#### Winding Lowe Antenna Form

You will require from 80 to 90 feet of No. 14 solid copper, rubber covered wire for winding the form. The starting end, which is at the bottom, is sealed off by placing it in a small bottle which is afterward filled with paraffin or sealing wax or, if one prefers, this starting end may be covered well with electricians' tape. Each turn of the wire should pass through the spacing holes (or rest in its proper notch, if the strips were notched), in order that the turn-to-turn spacing will be uniform. Reaching the finish or top of winding, a half turn should be taken around the wire in order to fasten it securely. After making this locking turn leave twelve inches to be passed up and through the center of the cover for connection to the lead-in wire to the receiver.

The completed underground antenna is now ready for insertion into the earthen crock. Next, some form of cover must be designed which will fit closely over the jar opening. Mr. Lowe made his cover of concrete, leaving a hole through its center just large enough to allow passage of the end of the wire, after which the hole about the wire and the edges where the cover rests on the crock were then sealed with sealing wax. Those of you who cannot go to this trouble may use a well-paraffined hardwood cover. It is only important that the lid fit securely and water tight so that when covered with dirt it will remain in place.

Connections and Lead-In Laying

Next, dig a hole five feet deep and large enough in diameter to take the crock. Also dig a trench about 18 inches deep from the location of the hole to a point as near as possible to that where the lead-in will be brought up to the receiver. Secure a sufficient length of No. 14 lead-covered, insulated, copper cable and solder one end of the copper wire within this cable to the exposed wire in the center of the jar cover. Be certain that this connection is well soldered, then tape it well. Sealing it with wax is wise. You may now lower the covered jar carefully into the hole and fill about it and on top with moist earth until within a



Figure 3. A typical horizontal antenna.

short distance of the top when the earth used should be semidry and well tamped into the opening. Lay the lead-covered cable in the 18-inch trench and cover thoroughly. After leaving the ground as close a possible to the point where it enters the building, fasten this cable with cleats to the side of the building, pass through the building wall, and connect the free end of the copper wire inside to the antenna post of your receiver. The ground wire which you have been using previously will remain connected to the ground post. That is all. Now tune in coast to coast when a "bad night" won't permit you to do so on an ordinary aerial.

#### Horizontal Aerials

A further experiment which carries much of interest and which will particularly appeal to those who dislike digging holes in Mother Earth is found in the horizontal type aerial. This idea has been the subject of considerable discussion and favorable comment of late. To date most of the reception using this system has been on short waves, and the writer is indebted to QST, the official organ of the American Radio Relay league, for the data published.

This subject no doubt will interest a major portion of the fans who are interested in possible improvements in antennas. Bear in mind that the following experiment offered is purely an experiment. Suffice to say that reports show that a horizontal antenna performs very well upon wave lengths from 100 meters down. What it can do over the broadcast band, while less explored, is of equal interest now that there seems to be some merit in the split wave theory recently reported by a prominent company.

The general idea of the horizontal aerial about to be described is that it should be on an approximate level with the receiver. In other words, if your receiver is located upon the second floor of your home, then the aerial should be at a height close to that of the receiver, as shown in figure 3. No ground connection to the receiver is used. One-half of the aerial passes in and connects to the antenna post while the ground post is attached to the remaining half. This arrangement in effect couples the receiver to the antenna at its center.

tenna at its center.

Figure 4 shows the connection arrangement as it would appear within the receiver when using an untuned primary input, while figure 5 shows the same arrangement when the antenna is connected directly to a tuned secondary input.

For experimetal purposes it is suggested that each half of this aerial be 75 feet long, or a total length of

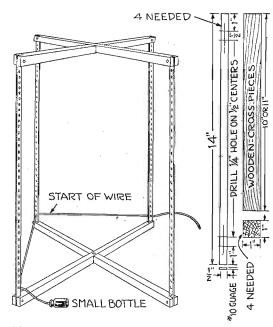
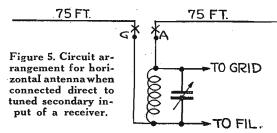


Figure 2. Details of the construction of the interior framework and winding form.

150 feet not counting the lead-in loop which length is neglible and should be as short as possible. As a receiver tunes either broad or sharp according to the length of aerial used, and signal strength is also determined in the same manner, the author has specified the extreme lengths which will be required. This is done because it is much easier to shorten each half if required, than to add to the lengths given.

Points marked x in each of the figures indicate the locations of fixed condensers which may be inserted in case it is necessary to reduce the effective wave length of each half of the aerial. Such condensers may be .0001 or .00025 mfd., it not being likely that larger capacities will be required. Points A and G upon each drawing indicate the attachment of aerial leads to the ground and antenna posts of the receiver. Standard single or stranded aerial wire may be used. The lead-in should be well insulated where it passes through the window to the receiver. As previously stated, this form of antenna has no ground connection and it is therefore quite evident that some relief from excessive static should be experienced. However, results alone will tell.



The response to my appeal for experimenters has been very pleasing, and among those responding are many listeners mentally equipped to do their own thinking so far as Radio is concerned. It is from the reports of these willing workers that I anticipate everyone of us will profit materially. As the possibility of reducing static through so-called static eliminators appears considerably distant, one's only recourse toward relief must of necessity concern the collector medium.

We need not be surprised to hear that the silent (Continued on page 30)

# Radio Digest

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No. 7

#### Two Cents for a Program

TWO cents is all that a good program, costing the station perhaps several thousands of dollars, may cost the appreciative broadcast listener, yet it seems that the great majority of fans are unwilling to spend even this meager amount. We mean to say that listeners are lax about writing stations and telling them what pleased them, what displeased, and why certain things reacted on them in either fashion. The investment of two cents in a postage stamp is all that is ment of two cents in a postage stamp is all that is necessary, yet perhaps ninety-nine out of a hundred

people won't make that investment.

H. A. Bellows, director of WCCO, writing for the Gold Medal station's news bulletin, states the situation clearly. We take the liberty of reproducing here-

with what he has to say:

"Don't put off writing until tomorrow, or next week, or next year; don't think that because you sent a postcard to Station WXYZ six months ago, you have done your full duty by Stations WPDQ, WIOU and all the other letters of the alphabet. Make it a rule to send a word of commendation everytime you hear a good

The stamps, the paper, the ink and the labor represent a sound investment, for they mean more good and better programs in the future. And if you can't get programs of the kind you like, don't blame the broad-caster unless you are perfectly sure that you have done your share by helping him with your suggestions A two cent stamp today may mean a thousand dollar concert later.'

In our opinion the reasoning of Mr. Bellows is very sound. The correspondence received by a broadcasting station is the barometer and yardstick by which the programs are measured and planned for the future If your letter, your vote, isn't there to help in the planning, by what right can you criticize the programs of the station which displease you?

And don't forget that a cowardly, anonymous letter is usually given just the consideration which the lack of signature and address deserves—it is thrown away forgotten, because it carries no weight of conviction.

#### So We Bought a Portable Set

IN SOME ways we prefer the broadcast programs of the summer over those of the winter. Many of our friends attempt to convince us that the summer programs are not worth while; that they do not compare with the broadcasts of the cooler months; that the stations "let up" considerably in the months of sunshine.

Looking over the programs or tuning in, we cannot say that this discouragement by our crepe-hanging friends is justified. The summer programs have all to offer that the winter had and more. Actually more and, we believe, better liked features are announced by the stations.

For instance there are the hundreds upon hundreds of important sport events which are carried by microphones all over the country. We have but few of these in the winter. Then again the weather, road conditions and touring services are more necessary and deeply appreciated by ourselves during the summer.

We also have always liked bands. Summer is band season. Of course, some people may not like to hear a good band, but we can sit by the hour on the veranda and listen to the careful broadcasting of a wellconducted band. And only in the summer months are band concerts featured extensively by the majority of

We have made it a point to inquire of all stations what parts of their schedules would be discontinued for the summer. After listening to some of the "crepehangers," we had become convinced that perhaps there was some truth in their statements. But when an overwhelming majority of the broadcasters replied to our inquiry that instead of discontinuing features, all the winter and added summer programs would be given, and nearly all remaining stations answered that nothing would be discontinued, we turned about face and decided that the myth of inferior summer programs was, to revert to American venacular, "all wet.

#### RADIO INDI-GEST

#### Railroad Radio

If your set is in the country Near a railroad track, You will hear some telegraphing With a click, clack, clack.

And if a railroad motor car Should come very near, Its spark discharge will sound like guns Shooting in your ear.

Then when a train goes roaring by You will hear some squeals, Caused by the great vibration of The iron rails and wheels

But when 'tis still and silent like You note with a smile, Your reception beats the city sets By many a mile.

**GEORGE** 

#### Intermission Idiosyncrasies

A.C.S. Announcing
"Some fellow in Sheldonville, Ohio, who signs his name Vinegar, writes in stating that in his opinion, our last week's Tuesday concert was decidedly on the Fritz. In our opinion this gink is in about the same predicament as the elephant that tried to hide behind a raspberry bush. As they say at a bargain sale, jump over or walk around but don't block the aisles. Tomorrow we are going to hit the trail for Sheldonville and if we can locate this guy, we'll find out what he means by using a hammer on our careout what he means by using a hammer on our carfully arranged programs." ARTHUR C. STOWELL

Old Rep. Cole Chases the "Blues"

Representative Cyrenus Cole (Ia.) before the house committee considering the ban placed by England on the importation of American Jazz artists, not only favored England's attitude but added, "Jazz music is a very sore affliction upon America."—News item.

> Old Rep. Cole was a dreary old soul, A dreary old soul was he, He called for his resin and he called for

And he called for his fiddlers three.

We gotta razz this darned old jazz. This darned old jazz," quoth he, "Has started to grow and is liable to go To the countries over the sea.

"It's gotta stop or the world will flop,
The whole world will flop," says he,
"So fiddle it down and fiddle it low—
Save the world for posterity."
THE NIGHT HERD

#### Then Prospero Was Its Daddy?

Dear Indi: When I was sailing back from your side last week a Tempest broke out, and when it was at its height the Radio operator on the ship received a message that his wife had given birth to a baby. They are going to call it Ariel.

LONDON BOBBY

#### Back to the Tomb

Dear Indi: In one of the recent issues you want to know where I bin, and lowed has how you hadent heerd from mee for 3 thousand years. Wall I admits that it has been quite a spell, cause I bin dead for 3 thousand

years, and

I bin dead three thousand years And just came back to life
To take a part in this old world
Of work and fight and strife.
But there's been a lot of changes,
Since they locked me in my tomb, For instance, there's the crystal set,
It's surely met its doom.
And also the triple circuit
That's made to regenerate, It's like the reflex circuits, 'Twill soon be out of date In place of these what do we have? We have the super-het And super this and super that, That raises He—Il you bet With all the sets of nearby fans And makes them buck and rear, Which makes us ask in accents wild Where do we go from here?

OLD KING TUTT (Not of WSB)

#### This Makes You "Red"

Dear Indl: For many months I have enjoyed your column and now I would like to nominate, as a member of the Famous Fan's Club, "Red" Grange, for it was through the grid that he made both fame and

I also might mention "Babe" Ruth for he makes trouble for a lot of "batteries" nowadays. If you can find room for these you will find me tickled pink.

RAY D. O'PHANN

Which also reminds us—no this isn't a joke you've heard long ago—that the Famous Fans' Club membership list is growing quite large. Y'see all the star Florida realtors, coming northward to sell wide-awake, live-wire property such as cemetery lots, have joined claiming membership because they have a large quantity of grounds, well-watered.

#### FRANQUE'S FILOSOFEE

He who tunes, so shall he receive.

#### Let's Hold a Conference



#### Condensed BY DIELECTRIC

Glee clubs composed of women are heard far less frequently than men clubs, although the latter are not flooding Radio programs by any means; in fact, it would not be disappointing to many listeners in should this feature be listed by more stations. However, we are reviewing now a very pleasing concert given by the Russell Sage College Women's Glee club, pre-sented through broadcasting Station WHAZ, Troy, N. Y. Possibly these ladies' voices would not be classified as exceptional, but their singing of the various numbers making up a select program was certainly spirited. One selection, "Swing Along," was admirably rendered.

During the period devoted by Station WTAM, Cleveland, to what they term as "studio recitals," you may be assured of features bearing some marks of merit. The orchestra selections are nearly always well played and offer a variety, catering to differing tastes in music. Appearing as soloist recently was a tenor of robust voice, whose singing of popular numbers called one's attention to a manner in which these may be rendered without the eternal habit of sliding —more or less insecurely—from one note to the next. His vocalizing was a marked feature.

It isn't necessary to dwell on the beauty of Irish timbre displayed every time Allen McQuhae chooses to sing, for most Radio audiences are quite familiar with that quality; nor do his auditors have to be reminded of the expression put into his work. That Mr. Kent selected this popular tenor to "carry on" shows the discretion of a Radio public benefactor. Even when Mr. McQuhae sings airs lacking that typical lilt of the music of Erin, there is no charm lost for he is as much at home with compositions originating in other lands as with those of his native heath.

There can be no mistake that this summer static will have to be very powerful to drown out a Florida station that intends to keep the state before the minds of next winter's sojourners. Station WGBU, at Fulford, has the far-floating ethereal message in the guise of their slogan, "tropical America," and of softly rhythmic dance melodies. Frankly, the soloists this time of year are not so engaging as have been heard during the rush season during the rush season.

Our old friend in Atlanta, Ga., Station WSB, finds listeners in distant states just as pleased to hear his programs and drawling announcements as when the thermometer registered much lower than at present. We listened to a singer whose nerves were master at the time, or diaphragmatic lassitude caused the weak tones to barely register. Her singing of Irving Ber-lin's hit, "Remember," otherwise had much to commend it, but it is to be hoped later appearances will show improvement.

A concert given under the auspices of the Minnewell conceived and the enjoyment of all fortunate enough to tune in Station WCCO. Evidently it was the purpose of the sponsors to leave a good impression with all Radio listeners on the eve of baccalaureate celebrations, at any rate, that was the effect.

There is nothing to say particularly of dance programs, unless they are abominable or remarkable, so the comment on WSAI, Cincinnati, will be confined to merely mentioning the fact that that station was heard by your reviewer broadcasting a dance feature of usual interest.

KFSG'S CHIEF LOSES

LIFE IN OCEAN SWIM

AIMEE McPHERSON DISAF-

PEARS; BODY NOT FOUND

Thousands of Radioland Followers Miss

Cherished Personality—Her Work Organized to Go On

Sister, Aimee Semple McPherson is no longer at the microphone of KFSG. On Tuesday, May 18, radiantly happy and perfect in health, she went for a few hours rest at the side of the sea which

she loved; there to play, swim and in the intervals, prepare her messages for the

coming services.

With her was her secretary and her

Bible. After a quiet season of study and making preparatory notes for her sermon she enjoyed a brief swim in the water, later coming out and directing her section.

retary to phone her mother regarding a musical program that evening.

She then went into the water. The secretary returned after phoning, spoke to her and after being greeted by Sister sat down to read. She saw her playing in

down to read. She saw her playing in the water and dashing through the waves. After some moments the secretary missed

her and after a vain search of the sea and inquiries gave the alarm that Mrs. Mc-Pherson could not be found.

KFSG Built by Followers
To the moment of writing her body has not been located. Every effort has been made by government, police and her own

beloved people.
Station KFSG was given to Mrs. Mc-

Pherson by her countless friends that her messages might go out to the world.

She had come to be a well-known figure in Radio. At first those unaccustomed to such services wondered, but as her messages and services went on, providing

the best in music, song and sermon, every day added to the popularity of KFSG.

The work is organized in every department and detail. It is hard for the temple

workers and members to even realize that the founder will not walk in the door,

smile her way down the aisle, bow in may and say:

"Good evening Radioland. This is
KFSG, Angelus Temple, Church of the
Foursquare Gospel."

ANGELES. - Radioland's loving

LOS

## RADIO POPULAR AND **FATTENS ON STRIKE**

BRITISH LABOR TROUBLES AID SALE OF RECEIVERS

Broadcast Bulletins Appreciated by Strike Supporters and Public-Station Staffs Deserve Credit

By Jack Broadcaster
LONDON, England.—Radio broadcasting proved itself of immense value in the recent British general strike crisis, being largely instrumental in preventing the outbreak of serious disorders and panic.

Even strike supporters found the broad-casting service valuable in giving the official announcements of the trade unions and general news of strike progress.

Broadcasting kept the country cool and

well in touch with the situation when the newspapers were perforce silent, and the country owes much to the devotion of the staffs at the various stations. Emergency staffs stood by day and night, and in many cases slept upon the premises.

In the London Station
On one of the momentous days I was able to spend a short time at the London station from whence all the news was broadcast.

News was being received from all over the country—by telephone, telegram and tape machine, while special messengers brought in the official announcements from the trade unions and the government. Communications were being made by the railway companies, various governmental departments, and in some cases by the individual trade unions.

All this information was compiled into

one gigantic bulletin and then sifted to its final form which millions heard every

day.

Of course, the various stations were guarded lest the irresponsible element should attempt any attack, and most of the officials got what little sleep they could there or at nearby hotels. I saw a group of officials enjoying their first meal of the day in the Savoy Grill at nine o'clock one evening.

How Artists Fared

A word must be said for the broadcast-ing artists all over the country for the way in which they managed to keep their appointments with their thousands of pointments with their thousands of listeners, and also for the way in which they held themselves ready in case a breach should occur if someone should be unable to arrive.

Though the strike affected most in-

dustries adversely, there was a tremendous boom in Radio during the first two or three days. There was a very quick sale for head sets and also for crystal receivers.

New batteries were in great demand, and many people who had apparently been contemplating the installation of a loud speaker set decided that this particular occasion warranted its immediate purchase, so that the whole family could listen to the latest bulletins.

The Radio industry was fortunate in being the one bright spot in a very dark

#### CUP RACE GROWS WARM

(Continued from page 2)

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 can-

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

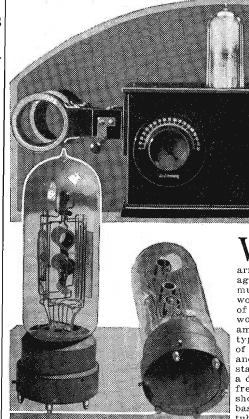
#### WAIU Soon to Be Highest Station in United States

COLUMBUS Objo -The highest broad. casting station in America will be dedicated here shortly when the American Insurance Union station, WAIU, is moved into the insurance company's new building soon to be completed. The building will be 555.5 feet high, taller than Washington Monument or the tallest skyscraper outside of New York city.

WAIU will occupy a special story 500 feet above the ground.

A theater seating 3,100 persons and a hotel with 1,000 rooms will occupy space in the new American Insurance Union citadel.

#### QUEER MULTIPLE TUBE DOES MUCH



10 COWS PLUS RADIO

SET GIVE MORE MILK

ROST, Minn.—"Radio music increases milk production of a

dairy herd approximately twenty cent," says T. H. Gullord who in-

per cent," says T. H. Gullord who installed a set in the barn of Oscar Mundale of Rome Township, Minn. A thirty day test indicated that Radio music in Mundale's dairy barn increased the creamery check from ten cows \$28.70 a month. The New York programs through WCCO brought the most generous milk flow, while WHO, Des Moines, and WOAW, Omaha, programs were tied for second.

Checker Fans Tune in

Match Miked by CKY

Manitoba Station Describes Play

of "Jump" Champions

boards and following the moves of the two players as numbers of squares were

announced, thousands of people in Winni-peg and beyond recently participated,

practically speaking, in the first Radio game of checkers ever played in Canada.

Thomson, editor of the Free Press checker column, playing in the Lisgar hotel, Sel-

Graphy of the Lisgar hotel, Selkirk, twenty-five miles from the city, and G. H. Collins, at CKY, the Manitoba station in Winnipeg. Mr. Collins, playing "white," was the winner. Listeners had no trouble in following the game.

Mr. Thomson played beside a loud speaker and a migrophone and the numbers.

The match actually was between R.

WINNIPEG, Man .- Taking out draughts

WHEN David L. Loewe of Berlin, brother of the famous German scientist, Dr. Sigmund Loewe, arrived in the United States not long ago, he brought with him samples of a multiple receiving tube which does the work of three or more tubes. One type of Dr. Loewe's multiple tube does the work of two stares of radio frequency work of two stages of radio frequency amplification and a detector, another type acts as a detector and two stages of resistance coupled audio amplification, and still a third type functions as one stage of radio frequency amplification, a detector, and one stage of power audio frequency amplification. Left picture shows closeup view of the tube and its base. Top picture shows the multiple tube in place in special German receiver.

KWCR, Cedar Rapids, Iowa. No, he is not married, Elizabeth Ann, and all the

Some news for Chicagoans and other members of the WMBB, Trianon, audience: Clyde Hager and Lindsey McPhail, both formerly at WMBB, are now enter-taining the listeners of KFQZ, Hollywood, Calif. The wave length is 226 meters, if you want to hear them again. Mr. Hager is announcer and studio director of the new station.

heard in the past from WTAW, A. & M. college, WFAA, the Dallas News and Journal, and KPRC, the Houston Post-Dispatch, have hitched in double harness this spring. Mr. and Mrs. Sprague plan a tour of eastern stations during the summer months.

"Is Bill Eastwood always at WSMB and is he really as happy as he looks?" Not knowing, we typed a note to C. R. Randall, WSMB's chief, and this is what he

Digest recorded one of the few instances when Bill ever smiled. He rarely ever has anything to say, probably due to the fact that he is married and used to keepspeaker and a microphone, and the numbers fact that he is married and used to keep-of his "shifts" were announced by Ed. Dusang, while the moves made by Mr. to him frequently over the air has done Collins were announced by D. R. P. Coats.

(Continued from page 2)

other nice things you have said about him are quite correct. He lives with his married (and equally popular) partner, Ray Basch. You may invite Neal to parties by addressing the invitations care of Ray Basch, Marion, Iowa.

Matrimonial note: "The Singing Cowboy" or Carl T. Sprague and "The Bluebonnet Girl" or Laura Bess Mayo, often

had to say:
"The picture which appeared in Radio

## SHORT WAVES

By Marcella

do any laughing—only gives an occasional smile. As for his likes and dislikes, I am afraid they are a bit too personal for yours truly to comment on, and regarding the answer to your specific question, 'Is he really as happy as he looks?', will answer that looks are very deceiving and that he would probably make a very good teammate with that popular ballad, 'The Lonesomest Girl in Town.' Yes, he is always at WSMB. He is a tall, goodlooking fellow, loves his banjo and tries out a new one every week."

Miss Alta, here are Floyd and Bernard Ruby's measurements. Bernard, 5 feet 11 inches tall, brown eyes, 155 pounds, 22 years of age. Floyd, 5 feet 9 inches tall, blue eyes, brown hair, 160 pounds, 20 years old. Both of the young KMA stars are good fellows, hard workers, mixers, have lots of pep, play popular and old-time music. Home is Weeping Watth, Nehr Live on a form. Nebr. Live on a farm. Floyd plays the trumpet and fiddle; Bernard plays the saxophone and banjo. And, to be sure, both are UNmarried.

Hah, the "secret" of Jack Smith is out. Those of you phonograph record pur-chasers who have records of Jack Smith, the "Whispering Baritone," and have the "Whispering Baritone," and have wondered whether or not he and our beloved Jack Little are one and the same, are to be answered. They are two distinct stars, a statement which is proven beyond a doubt by the fact that Jack Smith is now in London, England, broadcasting over the British stations and appearing at the New Princess restaurant. Jack Little now being in America, there can be no doubt as to whether "Little Jack" is Jack Smith or vice versa.

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.

#### WEEI Tells Listeners of Best Distant Broadcasters

BOSTON.-New England listeners who care to roam the ether and pick up the best DX broadcasters may now tune WEEI, the Edison Electric Illuminating company here, immediately following their last feature program nightly except Sunday at about 11 o'clock, and learn what stations are coming in the best. P. W. Harrison, sponsored by the Peerless Motor company, is engaged in the task of expert, trial listening, and making the reports.

## SPECIAL BUS TAKES KFAB TO KFNF



When KFAB, Nebraska Buick station at Lincoln Nebr., and KFNF, Henry Field station at Shenandoah, Ia., arranged recently to exchange their entire staffs for an evening's broadcast, the above special bus was chartered by Gayle V. Grubb and Harry Sidles of KFAB to transport that broadcaster's entertainers to Shenandoah. Standing at the right and rear of the bus are the two announcers, Mr. Grubb, in the dark suit, sometimes known as "Gloomy Gus", and Mr. Sidles.

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

Call	Londin	Mat	Saturday	Sunday	Manday	Tuesday	Wednesday	Thursday	Friday
AT9	Location Fort Bragg, N. C.	Met. 435	Silent	Sunday 6:00- 7:00	Monday Silent	Tuesday Silent	Silent	8:00- 9:55	Silent
CFCA CFCN	Toronto, Ont Calgary, Alta	356.9 434.5	Silent 12:00- 2:00	7:00- 9:00 Silent	6:45- 7:45 Silent	Silent Silent	7:00-12:00 Silent	Silent 10:00-11:00	Silent Silent
CICA	Edmonton, Alta Montreal, Que	410.7	6:15-10:30	9:30-10:30 1:45- 2:45	9:30-11:30 Silent	9:30-10:00 6:15-10:30	Silent	11:00- 1:00 7:30- 8:30	Silent
CKCL CKNC	Toronto, Ont Toronto, Ont	356.9	6:00 - 7:00 7:00 - 9:00	2:00- 3:55 Silent	Silent 7:00-10:00	6:00-10:50 Silent	Silent Silent	6:00- 7:00 Silent	Silent Silent
CKY CNR <b>o</b>	Ottawa, Ont	434.5	9:00-12:00 7:30-12:30	8:00-11:00 Silent 10:24-11:54	9:00- 1:00 Silent	Silent Silent	8:30-12:00 7:30-12:30 Silent	9:30-12:00 Silent Silent	Silent Silent
CZE	Mexico City, Mex.	350	9:24-10:24	Silent	9:24-10:24	10:24-11:54 9:24-10:24	9:24-10:24	9:24-10:24	10:24-11:54 9:24-10:24
KDKA KFAB	Pittsburgh, Pa Lincoln, Nebr	340.7	6:30-9:55 6:30-11:30	4:00- 8:45 5:00-12:00	6:30 - 9:55 6:30 - 11:30	6:30-12:35 6:30-11:30	6:30- 9:55 6:30-11:30	6:30-12:00 Silent Silent	6:30-11:05 6:30-11:30
KFDM KFH	Beaumont, Texas Wichita, Kan	268	Silent 8:00- 9:00 9:00- 6:00	9:00-10:00 8:15- 9:15 7:00- 2:00	Silent 8:00- 9:00 9:00- 2:00	9:00-11:00 8:00- 9:00 9:00- 2:00	Silent 8:00-9:00 9:00-2:00	8:00- 9:00 9:00- 2:00	9:00-11:00 8:00- 9:00
KFIF KFJF	Los Angeles, Calif. Okla. City, Okla. Hastings, Nebr	260.7 288.3	7:00 - 2:30 6:30 - 7:30	3:30-12:45 Silent	7:00-11:45 6:30-12:00	7:00-11:45 6:30- 9:00	7:00-11:45 6:30-12:00	7:00-11:45 6:30- 9:00	9:00 - 2:00 7:00-11:45 6:30-12:00
KFKX	Shonandoah, la	263	8:00- 1:00 12:30- 2:00	3:30- 9:30 Silent	8:00-10:00	8:00-10:00	8:00-10:00	8:00-10:00 Silent	8:00-10:00
KFOA KFON	Seattle, Wash Long Beach, Calif.	232.4	9:30- 3:00 9:30-10:30	9:30- 1:00 4:00- 9:30	10:00-1:00 9:30-3:00 9:30-10:30	9:30 - 2:00 9:30 - 2:00 9:30 - 10:30	10:00- 1:00 9:30- 2:00 Silent	9:30 - 3:00 9:30-10:30	9:00- 2:00 9:30- 3:00 9:30-10:30
KFQB KFUO	Fort Worth, Tex St. Louis, Mo Univ'ty City, Mo	545.1	8:45- 9:45 10:15-11:15	10:15-11:15		7:80-8:30	10:15-11:15	Silent	10:30-11:30 10:15-11:15
KFVE	Ogden, Utah Hollywood, Calif	260.7	11:00- 1:00	Silent 12:00- 2:00	11:00- 1:00 9:30- 2:00	Silent	11:00- 1:00 9:30- 2:00		11:00- 1:00
KFWB	San Francis., Calif. Colorado Springs.	226 250	11:00- 1:00	11:00- 3:00 Silent	11:00- 3:00 10:30-12:30	Silent	11:00- 4:00 Silent	1:00- 3:00 11:00- 1:00	11:00- 4:00
KFXF KGO	Oakland, Calif Portland, Ore	361.2	9:00- 3:00	6:30-11:30 10:30- 1:00	9:00- 1:00	9:00- 1:00	9:00- 9:55	9:00- 3:00	9:00- 3:00
KGW	Los Angeles, Cal Sihtipok, Minn	405.2	10:30- 1:00 Silent			10:45- 1:00 Silent	11:00- 1:30	11:00- 1:00 Silent	11:00~ 1:00 8:00- 9:00
KIAF	Seattle, Wash Independence, Mo.	384.4	11:30- 1:00 9:00-10:00	7:30-11:00	10:00- 1:00 Sllent		10:00- 1:00 Silent	10:00-3:00 9:00-10:00	10:00- 1:00 Sllent
KLDS KLX KMA	Oakland, Calif Shenandoah, Iowa.	252	7:00-10:30	Silent 5:00-7:00	7:00-12:00	10:00-10:30 7:00-12:00	9:30-1:30 7:00-12:00	10:00-10:30 7:00-12:00	9:30-1:30 7:00-12:00
KMMJ	Clay Center, Neb. St. Louis, Mo	280.2		9:45-10:45 10:00-11:00	9:00-10:00 7:00-12:00	9:00-10:00 7:30- 1:00	Silent 7:30- 1:00	9:00-10:00 Silent	9:00-10:00 7:30-1:00
KNX	Hollywood, Calif Denver, Colo		9:00- 5:00 11:00- 1:00	9:30-1:30 8:30-10:45	9:30- 3:00 8:30-12:15	9:30- 3:00	9:30- 3:00	9:30- 3:00	9:30- 3:00 8:30-11:00
KOB KOIL	StateCollege, N.M Council Bluffs, Ia.	278	Silent 8:00- 4:00	Silent 8:00- 1:00	9:30-10:30 7:00- 1:00	Silent 7:00-1:00	Silent 7:00-8:15	Silent 7:00-1:00	9:30-10:30 7:00- 1:00
KPO KPRC	San Francisco, Cal. Houston, Texas	1 296.9	9:30- 3:00 8:30-12:00	9:00-1:00 8:00-1:00	9:00 - 2:00 7:30-11:30	9:30- 2:00 8:30-11:00	9:30- 2:00 7:30- 1:00	9:30-2:00 8:00-11:00	9:30- 3:00 Silent
KPSN KSD	Pasadena, Cal St. Louis, Mo	545.1	8:00-11:00	6:15-9:15 9:30-12:00	9:00-12:00		Silent 7:00- 9:00	11:00-12:00 8:00-10:00	Silent 8:00-10:00
KSL KSO	Salt Lake City, U. Clarinda, Ia	241.8	Silent	Silent 10:45-12:15	9:00- 1:00 8:00- 9:00 11:00- 1:00	9:00-12:30 8:00-10:00	9:30- 1:00 8:00- 9:30	8:00-10:00	9:30-12:00 8:00- 9:30
KTAB KTBI	Oakland, Calif Los Angeles, Cal.	293.9	Silent	10:15-12:30	Silent	11:00-12:00	Silent	12:00- 3:00 11:00-12:00	Silent
KTCL	Seattle, Wash Hot Springs, Ark	374.8		10:00-11:00	10:00-11:00 10:10-11:45	10:10-12:00 10:10-11:30 9:30-10:30		Silent 10:10-11:20	10:00- 3:00 10:10-11:30
KTW KWKH	Seattle, Wash Shreveport, La	329.5	9:30-10:30 10:00- 1:00 Silent	Silent 8:00-12:00 Silent	Silent 10:00-12:30 10:30-12:00		Silent	9:30-10:30 9:00-10:30 Silent	Silent Silent 10:30-12:00
KWSC KWWG	Pullman, Wash Brownsville, Tex Chicago, Ill	278	7:00-8:00	Silent 4:30-11:00	9:30-10:30 Silent	7:00- 8:00 6:30-11:30		7:00-8:00	7:00-8:00
NAA	Radio, Va Havana, Cuba	434.5	Silent 8:30-11:00	Silent 8:00-10:15	7:45- 8:00 8:30-11:00	7:45- 8:00 8:30-11:30	7:25- 8:40		l = +=
WADC	Akron, Ohio	258	6:30- 7:30 11:00- 1:00	6:30- 7:30 Silent	6:30- 2:00	6:30-11:30 Silent		6:30-10:00 Silent	6:30-11:00 7:00-10:00
WAHG	Richmond, N. Y Columbus, Ohio Minneapolis, Minn.	293.9	9:15-11:00 7:15-11:30	3:00- 4:00 8:00-11:00	6:00-11:30	6:00-12:00 Silent	6:00- 7:00 8:00- 1:00	6:00-7:00	6:00-12:00
WAMD	Baltimore, Md Fort Worth, Tex	246	Silent	7:30-8:30 6:00-12:00	6:30-11:00 8:30-1:00	6:30-11:00 8:30-12:00	Silent	6:30-11:00 8:30- 1:00	6:30-11:00
WBAP WBAR WBBM	Sisiht, Wis Chicago, Ill	406	Silent 8:00-2:00	11:00-12:00 4:00- 2:00	10:00-11:00 6:00-7:00	8:00-12:00	9:00-10:00	8:00-12:00	Silent 8:00-11:00
WBBR	Staten Island, N.Y Chicago, Ill	272.6	9:00-1:00	8:00-9:15 5:00-12:00	Silent	Silent 9:00- 1:00	Silent 8:00-12:00	7:00- 8:00 9:00- 2:00	9:00- 1:00
WBZ	Springfield, Mass. Pittsburgh, Pa	333.1	6:15- 9:00 5:30- 8:30	5:00- 8:00 4:00- 9:15	7:00-11:05	7:00-10:00	6:00-10:00	6:00-10:00	
WCAE WCAP WCAU	Washington, D. C Philade!phia Pa	468.5		4:00-8:45 4:00-10:00	6:30-10:00 6:30-10:00		6:30-10:00 6:30-11:00	Silent 5:30-11:30	
WCBD WCCO	Zion, Ill	344.6	7:15-12:05		Silent 7:15-11:00		7:00- 1:30		7:15-12:05
WCOA WCX	Pensacola, Fla Detroit, Mich	516.9				Silent 6:00-11:00		6:00- 9:00	
WDAF WDB0	Kansas City, Mo. Winter Park, Fla.	. 240	9:00-10:30	5:00-6:00			9:00-10:30	9:00-10:30	9:00-10:30
WEAF	New York, N. Y	491.5	5:00-11:00		5:00-11:00	5:00-11:00	5:00-11:00	5:00-11:00	5:00-11:00
WEAN WEAD	Providence, R. L Columbus, Ohio	293.9	Silent	Silent	Silent	7:00- 9:00	8:00- 9:00	8:00-11:00	Silent
WEBI	Chicago, Ill New York, N. Y	. 272.€	Silent	5:00- 9:00 Silent 5:00- 9:15	Silent	7:00-12:30 7:00- 9:00 6:30-10:30	7:00- 9:00	Silent	7:00-12:30 7:00- 9:00 6:30-10:00
WEEL	Boston, Mass BerrienSpgs., Mich Chicago, 111	. 285.5		8:15-10:10	8:15- 9:15		8:15- 9:15	Silent;	Silent
WENR WFAA WFBH	Dallas, Tex New York, N. Y.	475.9		8:15- 1:00	7:30-10:30	7:30- 1:00		7:30-10:30	7:30-10:30
WFI	Philadelphia, Pa.	394.5	5:30-11:00	I			6:00- 7:00		
WGBF	Evansville, Ind New York, N. Y Fulford, Fla	. 315.6		7:00-8:00		5:00-10:30	5:00- 7:30	5:00- 7:45	Silent
WGBU WGCP WGES	New York, N. Y Chicago, Ill	. 252	7:30-11:00 5:00- 1:00	2:00- 5:00	8:00-10:30 5:00-7:00	Silent 5:00-1:00	6:00- 8:15	9:30-12:00 5:00-1:00	6:00-8:10 5:00-1:00
WGHB WGHP	Clearwater, Fla Dotroit, Mich	. 266 . 270	6:30- 1:00 Silent	Silent Silent	6:30- 1:00 6:00- 1:00	6:30- 1:00 6:00- 1:00	6:30-1:00 6:00-1:00	6:30- 1:00 6:00- 1:00	6:30-1:00
W G N W G R	Chicago, III Buffalo, N. Y	302.8	6:45-11:00 Silent	5:00- 9:15	5:30-11:00	0.00 0.0	5:30-11:00	5:30- 9:00	5:30-11:00
WGY	Schenectady, N. Y Madison, Wis	379.5	Silent	Silent	9:00-10:00	Silent	9:00-10:00	Silent	9:00-10:00
WHAD	Milwaukee, Wis. Atlantic City, N.	275. I	Silent 6:30-8:00		6:30-11:00	6:30- 8:0	Silent	6:30-11:00	6:30-8:00
WHAS	Louisville, Ky	379.5	Silent	Silent	9:00-12:00	DITOIL	Sllent	Silent	Silent
WHB	New York, N. Y. Des Moines, 1a	361.2		9:00- 2:00 2:00-11:30 6:00- 1:00	5:30-11:30 8:30-1:00	5:00-12:0	5:00-12:00	5:00-12:00	5:00-12:00
WHO	Chicago, III	399.8		7:00- 1:00	Silent	7:00- 1:0	0 7:00- 1:00	7:00- 1:00	7:00-1:00
WIBO	Chicago, Ill Philadelphia, Pa.	. 508.2	2 7:15-11:05		5:05- 7:00	5:05-10:3	5:05- 7:00	5:05-11:0	0 5:05- 7:00
WJAR WJAS WJAX	Providence, R. I. Pittsburgh, Pa Jacksonville, Fla.	275.	7:00-12:00	Silent	7:00-12:00	7:00-12:0	0 7:00-12:00	7:00-12:0	7:00-12:00
WIAZ	Chicago, III Mooseheart, III	329.3	Silent	Sllent	Silent Silent	Silent 5:30-1:0	Silent	11:00- 1:0	0 Silent
WJR	Pontiac, Mich New York, N. Y.	. 516.	9 7:00-12:30	Silent	7:00-12:30	7:00-10:0	0 7:00-12:3 0 6:00-10:3	7:00-11:0 6:00-10:3	0 7:00-10:00 0 6:00-11:00
WKAG	San Juan, P. R.	340.	Silent	Silent	7:15- 9:00	Silent	7:00- 9:0	7:00-9:0	
WKRC		422.	3 10:00-11:1 8 7:00-12:3	5:45-11:1 5:00-6:1	5:00-12:00 Silent	9:00-11:4	5 5:00-12:0	0 9:00-11:1 0 7:00-12:3	5 Silent 0 7:00-12:00
WLIT WLS	Philadelphia, Pa. Chicago, III	394. 344.	5 6:30 - 7:36 6 7:30 - 12:00	5:30-7:0 6:00-7:5	0 7:15-9:45 5 Silent	6:50 - 7:5 6:40 - 7:5	0 7:00-10:0 5 6:40- 1:0	0 6:30 - 7:3 0 6:40 - 7:5	0 8:30-12:00 5 6:40-11:00
WLWL WLWL	Cincinnati, O New York, N. Y.	422. 288.	3 7:00-10:00 3 Silent	6:00- 7:0	0 7:00- 9:0	6:00-10:0 Silent	0 7:00-12:0 Silent	0 7:00- 1:1 7:00- 9:0	0 Silent
WMAG	Buffalo, N. Y Chicago, III	265. 447.	5 6:00-10:0	Silent	Silent	6:00- 9:5	5 6:00- 9:5	5 6:00- 9:0	0 6:00-9:55
WMAZ WMBE	Chicago, 111	250	7:00-11:0			7:00-11:0	0 7:00-11:0		0 7:00-11:00
W M B F W M C	Miami Beach, Fla Memphis, Tenn	384. 499.	7:00-1:0 8:15-10:3	7:00-1:0 Silent	0 7:00- 1:0 8:15-10:0	0 7:00-1:0 0 8:15-1:0	0 7:00-1:0 0 Silent	0 7:00 - 1:0 8:15-10:4	5 8:15- 1:00
WMCA	Boston, Mass	280.	2 5:00-10:0	0 2:15- 7:4	5 5:30 - 9:4	5 5:00- 8:0	0 5:009:0	0 5:00-8:0	0 5:00-10:00
WNYC		. 394.	5 Silent	8:30-11:3	0 Silent	9:30-10:3	0 6:30-9:3 0 9:30-10:3 0 10:00-11:0	0 Silent	9:30-10:30 0 10:00-11:00
WOAV	Omaha, Nebr Trenton, N. J	526	7:00-1:0	0 7:00-10:0	0 7:00-11:0 0 7:00-11:0 0 Silent	7:00-11:0 0 7:00- 2:0 Silent	0 Silent	7:00-2:0 Silent	0 7:00·12:15 Sllent
WOAX	. crontou, 14. Jan	240	1 ~110116	9:90-10:9		SHOIL	, ~Holls		

Call	Location	Met.	Saturday	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday
WOC	Davenport, Ia	483.6	10:00-11:00	7:30-12:30	Silent	7:00-11:00	7:00-11:30	7:00-1:00	8:30-12:00
woi	Ames, la			Silent	Silent	Silent	Sîlent	8:05-9:30	Silent
WOK	Homewood, Ill	217.3	10:00- 1:00	7:00-1:00	Silent	10:00-1:30	10:00- 1:30	10:00-1:30	10:00- 1:30
WOO	Philadelphia, Pa				6:30-11:00	6:30- 7:30	6:30-10:30	6:30-7:30	6:30-10:30
WOOD	Grand Rapids, Mch.		10:00- 1:00	Silent	10:00- 2:00	10:00- 1:00	10:00- 1:00	Silent	10:00- 1:00
WOQ	Kansas City, Mo		9:00-12:00	9:00-10:15	Silent	9:00-10:00	Silent	8:00-10:00	Silent
WOR	Newark, N. J		5:15-11:00	Silent	5:15-11:00	5:15- 7:00	5:15-10:30		5:15- 7:00
WORD	Batavia, III		7:00-10:25	2:30-10:00	Silent	7:00-12:45		7:00-10:00	7:00-12:45
Wos	Jefferson City, Mo		Silent	6:00- 9:30	9:00-11:00		9:00-11:00		9:00-11:00
WPG	Atlantic City, N.J	299.8	5:45-11:00	2:15-10:00	5:45-11:00	5:45-11:00	Silent	5:45-11:00	5:45-11:00
WQJ	Chicago, Ill	447.5	7:00- 3:00	3:00-10:00	Silent	7:00- 2:00	7:00-2:00	7:00-2:00	7:00-2:00
WRC	Washington, D. C.				Silent	7:00-11:30	Silent	7:00-12:30	Silent
WREO	Lansing, Mich	285.5	10:00-12:00	Silent	Silent	8:15-10:00	Silent	8:15-10:00	
WRVA	Richmond, Va		Silent	Silent	8:00-11:00	11:00- 1:00	8:00-11:00		
WRW	Tarrytown, N. Y		7:00-10:30	7:00-10:30	8:00-10:30	8:00-10:30		8:00-10:30	
	Cincinnati, O		8:00-12:00	7:45- 9:45	8:00-10:00				Silent
WSB	Atlanta, Ga			8:30-10:15	9:00-1:00		11:45- 1:00		9:00-,1:00
WSBC	Chicago, III	209.7	6:30- 4:00						
WSM	Nashville, Tenn	282.8	8:00-12:00						8:00-12:00
WSMB	New Orleans, La	319	9:30-11:30	Silent	9:30-12:30	Silent	9:30-11:30	9:30-12:00	
WSUI	Iowa City, Ia	483.6	Silent	10:15-10:45	8:30-10:00		Silent	Silent	Silent
wsws	Chicago, III	275.1	6:00-11:00	6:00-11:00	Sllent	6:00-11:00			
WTAG	Worcester, Mass		Silent	3:00-9:15	6:00-10:00				7:15-9:30
WTAM	Cleveland, O	389.4	6:00-12:00		6:00- 1:00				
WTIC	Hartford, Conn	475.9	5:50-10:30		5:50-11:00		5:30-9:30		5:30-11:00
	Detroit, Mich			2:00-9:15	6:00-10:00	6:00-8:00	6;00-10;00	6:00-12:30	6:00-10:00

#### STATIONS IN ORDER OF WAVE LENGTHS

#### LITTLE OL' PROFESSOR

(Continued from page 5)

"You hear?" whispered Dolmes.
"Marvelou—ouch!" The Great Detector kicked sideways at my shin.
"Shut up! I told you I'd do it. That's the villain. He's not little, nor is he old

or a professor."
"How do you get that way?" I demanded, rubbing my shin.
"He is young, good looking, fairly tall, neatly brushed hair and always ready with

"What do you mean, 'he's a villain?" "Very simple—a vaudevillain. He said 'headliner act.' He's an actor. Did you note the tone, the manner of self assurance in which he said 'I wish to present to you'? That was the manner of a man making an introduction to a lady. It was making an introduction to a lady. It was the voice of a man who moves confidently among the social elect. He must therefore be popular. Little, dried-up, weazened professors are not particularly adroit or admired by the fair sex. By process of elimination he must be of the opposite type, as I have described."

type, as I have described."
"And his name?" I asked, amazed beyond further expression.
"Billy Knight," said Dolmes. "But listen and we'll get the rest of this."

Dolmes dropped into a Turkish chair nd crossed his long, lanky legs. I beand crossed his long, lanky legs. I began looking around, rather cautiously. There were no concealed persons behind the chairs or other furniture. I discovered no hidden panels. But still the sounds, and, incidentally the sweetest music from those Hawaiians, continued to come from those Hawahaha, continued to come from the drum on the mantle. Suddenly a great light dawned on me.

"I have it! I have it!" I tapped the Great Detector on the shoulder.

"So have I but what have you got?" he replied.

replied.

"It's a Radio receiver! This is a program from the St. Louis Star—"

"Right-o! Watty, old chap, you astonish me with your perspicacity. If you will control yourself in the light of this discovery I promise you shall hear those Four Aces of Harmony, Al Boswell, Jack Lehr, Ralph Jones and Bruce Renick."

However he could foretell this event I did not at the time understand but his

did not at the time understand but his prophesy proved quite correct. propnesy proved quite correct. In fact there followed a number of well-known vaudeville acts borrowed from the various local theaters. We heard the Georgia Melody Makers and excellent classical

piano selections by Eugene Meyer. Miss Leora Thomure, we were informed by the so-called "Little Ol' Professor," accompanied the singers and presented a few piano selections by herself.

"And on some of the programs," said Dolmes after we had listened for an hour and a half, "one may hear the Coronado Hotel orchestra, Frank Tritz, the baritone and the Hausman Brothers Banjoteers. | the Berlin observatory authorities.

But, as I told you in the beginning we would unmask this Little Ol' Professor. You see he is not so little. He is not bald with overslung forehead and watery eyes. He does not have a long white beard nor wear a mortar board for a hat." "Marvelous!" I turned for my hat and cane as Hari Singh appeared in the doorway, a quizzical, enigmatic smile on his

bronze countenance.
"Nothing at all," said Dolmes with a deprecatory wave of his slender hand. "Wait until you see the next Radio mystery I am going to uncover."

#### Univ. of Minn. Studio Is Latest WCCO Link

#### Gold Medal Station Now Has Four Complete Studios

MINNEAPOLIS, Minn.—The third, or rather the fourth, link in the broadcasting system of the Gold Medal station, here, WCCO, was completed during the ners, we'co, was completed during the past month when the new studios of the University of Minnesota campus were opened for service. This gives the Gold Medal station modern, completely equipped studios and operating rooms in the new Union depot at Saint Paul, on the Univer-sity campus, and on the roof of the New Nicollet hotel, Minneapolis, all linked with the transmitting station at Anoka, 18 miles northwest of Saint Paul and Min-

Programs may be sent from any one of the studios by specially built telephone wires to the transmitting station. While the studios on the University campus may be directly connected with WCCO, as they are during the University hour from 8:00 to 9:00 p. m. Central time, every Monday evening, they are also part of the equipment of the university broadcasting station, WLB. This equipment was that formerly used by the old station, WLAG, and was loaned to the university by Washburn Crosby company when the new 5,000-watt broadcasting equipment was purchased for WCCO.

KMTR, known as the "high hat" Hollywood station for the reason that most of its offerings have been along classical lines, has at last succumbed to the lure of the movies and will present each Saturday night from 10 to 11 p.m. Pacific time, a motion picture jollification. The first few programs will present Hal Roach comedy stars. Tune in and see if their gags go as well over the microphone as they do on the celluloid strip.

The Berlin "Funkstunde" has started a complete course in astronomy as part of its broadcasting programs. The arrangements to this end have been made with

## MRS. LABBITT EARNS HOUSEWIVES' FAVOR

WWJ'S WOMEN LISTENERS KEEP MAIL MAN BUSY

Household Editor of Detroit News Builds Her Popularity from Thousands of Letters

By Ella Gordon Smith, Woman's Editor The Detroit News

NE year ago last December, at 9:30 a. m., an audience of women turned the dial on their Radio sets expectthe dial on their Radio sets expecting to hear a familiar name announced to be followed by a voice that had become known to them during the years past. Instead of this they heard:

"This is Station WWJ."
Old stuff. Nothing startling about that, But let's go on. Mr. Tyson's voice continued.

"Now, Mrs. Myrtle E. Labbitt, Household Editor of The Detroit News, will give you a little talk and tell you what to have for tonight's dinner."

All the "old applesauce" except—who was Mrs. Labbitt?

Nobody who listens in on WWJ at 9:30

a. m. today asks that question. They all know, and there is no announcement more eagerly listened for over WWJ than when the housewives tune in for the morning talk and menu broadcast by this Radio

No Problem Is Too Small

Mrs. Labbitt is fair, tall (her hair is bobbed) and despite the notation in parentheses, she creates an impression of capability. She was born on a farm near Minneapolis, and is a graduate of the University of Minnesota. She has a sense of

versity of Minnesota. She has a sense of humor, but of a kind that never makes people uncomfortable.

No problem is too trivial to merit her full consideration, and every housewife who writes or who listens to her voice over the Radio may feel perfectly certain that she is imbued with a deep and earnest desire to make life easier, better and happier for each of them. Every

#### "TONIGHT'S DINNER BEGAN HER CAREER



A little over a year ago, Mrs. Myrtle E. Labbitt was introduced over the WWJ microphone. She told her fair listeners what to have for "tonight's dinner." Since then her careful and personal study and handling of the thousands of letters she receives from women fans, has made her daily morning feature one of the most popular of the Detroit station.

work merely begins with the half-hour program to her listeners. Then she goes to her desk where letters from every part of the country await her attention. If the mail doesn't show nearly two hundred letters or better, she feels that the day has gone decidedly wrong. Her total for the week runs considerably over a thousand, and every letter is given her personal consideration.

Listeners' Letters Build Her Work
In her files are a most delightful assortment of friendly notes which have come from the extreme north, south, east and west. That is the way she learns about the work she is doing for her famand happier for each of them. Every ounce of effort she can muster is put to this purpose.

Mrs. Labbitt's activities do not end when she leaves the "mike" in the broadcasting studio of WWJ. Here the day's that she turns the baby over to a specimental about the work she is doing for her lample fectives for about the work she is doing for her lample fectives for about the work she is doing for her lample fectives for about the work she is doing for her lample fectives for about the work she is doing for her lample for each of them. Every ily of listeners, whether the results are what she has hoped for. Questions on every phase of life, from entertaining to feeding the baby, are her daily problems, and she plans a party with the same zest just as war casting studio of WWJ. Here the day's

#### The Reader's View

Another Answer to J. M. H.

In your column I noticed an article where C. E. V., Boston, Mass., picks up a 10-watt station in Mississippi, and J. M. H. of Lousiana wants to know what kind of a set he uses.

a set he uses.

Well, I've got a 4-tube reflex and I get
this same station, WREC, Coldwater, Miss.
(10 watts) on a loop and through loud
speaker. WREC's slogan is, "The Most
Powerful 10-Watt Station in the World."
It is a fitting slogan, don't you think so?

—L.W.L., Dukirk, N. Y.

Radio a Home Builder Radio means so much in our farm home that mere words fail to adequately expres our appreciation.

Radio has ceased to be a luxury, but has become a necessity second only to the auto. We live near the seashore on a stock farm and ranch, midway between Victoria and Port Lavaca, connected as we are with long distance and living on a busy shell highway, yet we enjoy the

Last winter we were warned just in time before the severe blizzard swept down upon us, freezing and killing in one day 15,000 cattle of others in our county

The market news is most appreciated during the day. But we enjoy the delightful programs in the evening until we are so sleepy we must "turn in," since our ranch rising bell rings before day.

The Radio is touching almost all phases of human interest and welfare; in our farm homes more especially, and we are depending more and more upon the Radio for diversion, instruction and amusement so much so that it is a home builder. The Radio keeps our children more contented

cialist, for she knows full well that no person in Detroit, however competent, can decide what is good for a baby in

Portland, Ore.

Every day she is building "better and better." She depends upon the letters she receives for direction in her work. Those who are pleased must write their notes of appreciation. Those who have criticisms to make, must also write. And Mrs. Labbitt welcomes the adverse critic's note just as warmly as she does those of com-

on the farm, less inclined to seek amusement in town.

The Radio raises the standard of mental culture, giving us food for thought, retrospection, broadens our viewpoint, extends our horizon, enlarges our vision and brings us in closer contact with the whole United States.

Radio is a mental stabilizer, a physical

director, and a spiritual instructor.
Radio is a home builder.—J.W.McK.,
Port Lavaca, Texas.

The Announcing Question
A frequent reader of your good paper, I have frequently read and sympathized with brother fans, who complain of announcers not announcing their stations frequently enough between numbers. If this fault were only committed by those broadcasting continuity programs, little could be said, but you must know, as well as I do, that such is not always the case by a long shot.

Who wants to listen in to a poorly given

Who wants to listen in to a poorly given program? And it is frequently announcers of such programs, who do not give proper data. If one gets such station, one does want to get "distance" and location before changing his dials. I have often wondered why some fan did not suggest in wondered why some ran did not suggest in your columns the publication of names of announcers, who are so carless—or ignorant. I am sure that you will always find a majority of fans who like to get not only good programs but distance; and what are all the great broadcasting stations reaching out for if not distance?—J. H. M., Sewickley, Pa.

Here's Another Cure After reading C. C. T., also O. W. T., in first May issue, also many other letters in the past, regarding the station announcers, I wish to say that I am at a loss to really know what such people want with a Radio. I am inclined to believe they prefer to hear the station call letters to the music or program.

program.

I am satisfied if they announce once every fifteen minutes or only as often as they see fit to announce. If the program is good I don't care where it comes from. When you consider the efforts of the studio to serve the public, preparing a good program, then think of the audacity of some selfish DX hound whose only ambition is how many stations he can log and tion is how many stations he can log and

tion is how many stations he can log and how much interference he can make for others, it is disgraceful.

So let each of us see what he can do not to interfere with other's tuning, rather than criticise the announcers.—R. E. H., Rochester, N. Y.

#### WOMEN'S PROGRAMS INDEX

Tresday

Atlantic Eastern Central Mountain 60 a. m. 9 8 7 6

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

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

WWJ (355.7m-850ke), Tonight's dinner.

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

WTAG (267.7m-1120ke), Talk to mothers.

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

WMCA (309.1m-970ke), Domestic Science. Arts for the Housewife.

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

WMCA (340.7m-880ke), "Beauty."

12 n. 11 10 9

WEAO (293.9m-1020ke), Housekeepers' half hour.

WEAG (389.4m-770ke), Home service talk.

WHT (389.8m-750ke), Women's club, Jean Sargent.

WMCA (340.7m-880ke), Home Makers' club.

WGJ (447.5m-670ke), June 15, Hat talk, Gardening talk, June 22, "The Injustice of Returned Merchandise." "Planning Your Vacatios—in the West." 12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc), Fashion and household WEBH (370.2m-810kc), Fashion and household talks.

WGN (802.8m-990kc), Home Management period.

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

KPRC (296.9m-1010kc), Beauty talks.

2 1 2n. 11 10

KGW (491.5m-610kc), Household Helps, shopping guide.

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

2:45 11:45 10:45

WGJ (477.5m-670kc), Home Economics. Style chats.

June 22, "Quick Summer Baking." "Coal."

"The Market Value of Men and Women."

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

4 3 2

WIP (508.2m-590kc), Menu talk.

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

J. Heath. Wild (434,3m-booke), "Your Daily Nieul," Mrs. J. Heath.
4,15 3:15 2:15 WHO (528m-570ke), Recipes, household hints.
4:30 3:30 2:30 1:30 12:30 WLIT (394,5m-760ke), Household helps and hints.
5 4 2 1
WOC (488,6m-620ke), Home management schedule.
6 5 4 3 2
KMOX (280,2m-1070ke), Housewives' hour.
6:30 5:30 4:30 3:30 2:30
KOA (322,4m-930ke), Housewives' matinee.
7 KOA (322,4m-930ke), Culinary hints, Clara Hoover, Fashion hints.
7:45 6:45 5:45 4:45 3:45
WPG (299,8m-1000ke), Fashion Flashes.
9:30 8:30 7:30 6:30 5:30
KGO (361,2m-830ke), Fashion Flashes.
9:30 8:30 7:30 6:30 5:30

Lyqua Francers.

12 n. 11 10 9 8

WEAO (293.9m-1020kc), Housekcepers' half hour.
WHT (399.8m-750kc), Women's club, Jean Sargent.
WQJ (447.5m-670kc), Home Economics program.
Child Welfare talk. Fish dioner menu for Friday. 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

 
 Atlantic
 Eastern
 Central
 Mountain
 Pacific

 12:35 p.m.
 11:35
 10:35
 9:35
 8:35

 KYW
 (355.4m-560kc)
 Table talk.
 1:15
 12:15
 10:15
 9:15

 KMOX
 (280.2m-1070kc)
 Cookery
 Gladys
 Kimbanath
 1:45 12:45 11:45 10:45 9:45 KGW (491.5m-610kc) Household Helps, shopping

Thursday Atlantic Eastern Central Mountain Pacific 10 a.m. 9 8 7 6 6 WIP (508.2m-590kc), June 17, 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 (268m-1120ke), Marjorle Woodman, nurse. 11 10 9 8 7 WEAF (491.5m-610kc), Talks, cookery lecture.

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

11:50 10:50 9:50 8:50 7:50
WMC (499.7m-600kc), Home economics discussion,
Miss Kitty.

12 n. 10 9 8
WEAO (293.9m-1920kc), Housekeepers' half hour.
WEAR (389.4m-770kc), Home service talk.
WHT (389.4m-770kc), Women's club, Jean Sargent.
WMCA (340.7m-880kc), Food bureau program.
WGJ (447.5m-670kc), June 17. "Porch Suppers,"
Erna J. Bertrams; "Care of the Feet." June 24,
"Summer Breakfasts That Tempt,"
12:30 p.m. 11:30 10:30 9:30 8:30
WEBH (370.2m-810kc) Househould and fashion talks.

WEBH (370.2m-\$10kc) Househould and fashion talks.

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

WOI (270m-1110kc), June 17, "Hiking and Cooking Outdoors," "Sewing for Profit."

12.35 | 11.35 | 10.35 | 9.35 | 8.35 |

KYW (535.4m-560kc) Table talks.

2 | 1 | 10 | 10 |

KGW (491.5m-610kc), Household helps.

WGY (379.5m-790kc), Cornell university home economics talk.

Atlantic Eastern Central Mountain Pacific 2:20 p. m. 1:20 12:20 11:20 10 MQJ (447.5m-670kc), June 25, "Time for Another Picnic." 4 3 2 1 12 n. WJZ (454.3m-660kc) "Your Daily Menu," Mrs. J. WJZ (454.3m-660kc) "Your Daily Menu," Mrs. J. Heath.
4:15 3:15 2:15 1:15 12:15
WHO (526m-570kc) Rectpes, household hints.
4:25 3:25 12:25 12:25
WJZ (454.3m-660kc) Solving Candy Problems," 5
KYW (535.4m-560kc) Woman's hour.
WOC (438.6m-620kc) Home Management, Aunt Jane.
5:15 4:15 3:15 2:15 1:15

Jane.
5:15 4:15 3:15 2:15 1:15
WMAQ (447.5m-670kc)
5:30 4:30 3:30 2:30 1:30
WFAA (475.5m-630kc) Homemakers program.
WMAQ (447.5m-670kc), Foibles: of the Moment,
6:30 5:30 4:30 3:30 2:30
KOA (322.4m-930kc), Housewives matinee.
7
KOA (322.4m-930kc), Cultnary hints. Fashion review. view. 9/45 8:45 7:45 6:45 5:45 WCCO (416.4m-720kc), June 4, "Jelly Making." II 30 10:30 9:30 8:30 7:30 KMOX (280.2m-1070kc) Housewives' hour.

Atlantie Eastern Central Mountain Pacifie 10 a.m. 9 10 30 9:30 8:30 7:30 WIY (352.7m-850kc) Tonight's dinner.

Atlantic Eastern Central Mountain Pacific 12 n. 11 10 9 8 

Monday with Hot Meals."

3:30 2:30 | 13:30 | 12:30 | 11:30 |

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

4 3 | 12 | 12 n.

WCCO (416.4m-720kc), Cooking chats.

WIP (508.2m-500kc), Morket hints for housewives.

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

4:15 3:15 | 2:15 | 1:15 | 1:15 | 1:15 |

WIZ (454.3m-660kc), Flower Making course.

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

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

5 4 | 3 | 4 | 4 | 5 | 4 | 5 |

WOC (483.6m-620kc), Hower management shedule, Aunt Jane. WOC (483.6m-620ke), Home management schedule, Aunt Jane.
5:15 4:15 3:15 2:15 1:15
KYW (535.4m-560kc), Meat talk, John Cutting.
6 5 4 3 2
KMOX (280.2m-1070kc), Housewives' hour.
WRC (488.5m-640kc), Housewives' hour.
1:15 a.m. 12.15 11:15 10:15 9:15
KGO (361.2m-830kc), "Character Training in the Home," E. Anderson.

## CHICAGO BROADCASTERS COOPERAT

#### HIGH LIGHTS OF THE AIR

NE of the biggest broadcasts of the year has been made possible by the Chicago Broadcasters lation. Through the unselfish association. Through the unselfish cooperation of these eleven stations fans all over the U.S. unable to attend the Eucharistic Congress in Chicago during the latter part of June may keep in touch with the meeting.
Four stations, KYW, WEBH, WLS
and WMAQ will broadcast. The
events to go out over the ether are briefly, the civic reception of the Papal Legate, June 18, from 8 to 11 p. m., Central daylight saving time; the morning service of welcome at the morning service of welcome at the Holy Name cathedral June 20 and the vespers at 8 p. m.; the Mass of the Angels at Soldiers' Field, an out-door broadcast which includes a children's choir of 50,000 voices and speeches by important clergy June 21; the men's service June 22; and the procession at Mundelein at 1 p. m. June 24.

June shows no summer lull in important Radio programs at other stations. Tuesday, June 15, marks the return of WIP to its summer home. Among the new features which will remind the listener of fragrant salt sea air are Creatore and his band, Earl Bonawitz and the Silver Slipper club revue.
Young artists, winners of medals

in the 1926 British Columbia music festival, will contribute to the success of the June 15 program at CNRV. Many of these young musicians will meet the invisible Radio audience for the first time.

Wednesday evening, June 16, the Travelers Jongleurs, those melodious minstrels of WTIC return to the air bringing with them a newcomer without a name. This Unknown Troubadour is said to have a voice of unusual tenor range.

Turn the aerials westward Thursday, June 17, to pick up a program in San Francisco and a meeting in Los Angeles. Although saxophone solos are not allowed to monopolize the air at KPO, an ensemble of twenty of these instruments will slip past the Radio censor Thursday evening, June 17, and put on a concert at 9 p. m. Pacific time. Harry J. Waters directs this band. The Los Angeles program is a salon and reception in honor of Charles Wakefield Cadman, one of America's foremost composers. Many prominent people will confront the mike of KHJ to of Mr. Cadman. His Indian love lyrics have found a permanent place in American music.

Just as spring brings Mother's Day and everyone remembers it in candy and flowers, so does June 18 bring Father's Day. Even if sons and daughters do not say it in either neckties or socks, WEAF and chain will say it with a special musicale.

Vice-President Dawes, the Swedish Consul and Mayor Dever are only a few of the prominent people of Illinois who will welcome Crown Prince Gustaf Adolf of Sweden to Chicago. The prince will talk in English at 9 p. m. Central daylight saving time over Station WJJD, June 23.

Instead of sitting out in the park among the crowds these warm summer evenings, retire to the cool vine-covered porch and dial for WBAL's Tuesday broadcast of the Baltimore City Park orchestra and the Friday program given by the Municipal band. Both are popular Baltimore organi-

# EADING lady and director of the V Madge Tucker, left. Miss Tucker Radio favorite in Washington two yea was telling bedtime stories to the Capital last great dramatic success was in "The Ste Next year she plans to book the best Radiyear. Charlotte Meyers, right, is the right-Merry Old Chief himself at WJR, Pontia sweet voice has a way of singing itself of many a Radio fan and her popularity applause mail. Below are two very seric at WHAD. No, Milwaukee is not what it that is the reason Doc Dorwor, right, look ever, Wally Seitz is cheer himself. Tune it his station and judge for yourrelf if this pa 8-9, child artists; 10-11, Victorians; 12:30 a. m., Settin' Up hour. WIR, Pontlac, Mich. (526.9m-580kc), 7 p. m., Glover Watson, old-time dance orchestra; 8, Tom Bartel's Boys; 9, Jean Goldkette's orchestra. WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m., Eugene Perazzo, organist; 11, Doc Howard's Cuvier WKRC entertainers; 11:30, Bert Lindsay, popular song hour; Abe Farb; Kern Ayiward, Merrel J. Schwarz. WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., Million Sins; 7:05-7:15, Old-fashioned almanack; 7:15-7:30, dinner music; 7:30-8, WEAF; 11-11:20, Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's dance orchestra; Putple Grackle orchestra. WLW. Cincinnati, Ohio (422.3m-710kc), 7:30 p. m., "Plano Memories," Clifford Lang; 8, choral music, Eucharistic concert in Chicago, direction of John J. Fehring; 9, concert, Formica orchestra, direction of WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Blotel La Salle orchestra; 8:40, music; 9:20, Tuskesee quartet. WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trlanon ensemble; Genevieve Burnham; 9-11, Trianon orchestra; Joe Warner, WOK, Chicago, Ill. (217.3m-1380kc), 4:30-6 p. m., Capitol theater organ; tenor; string ensemble; 6-7. Tip Top Inn; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program. Studio program. WOO, Gland Rapids, Mich. (241.8m-1240kc), 9 p. m., Pollic Orchestra; 9:45, Mellssa Dvorak, pianist; 10:05, studio program. WORD, Batavia, Ill. (275.1m-1090kc), 7 m., Public Service commany of Northern Illinois; 9, musiciae.

#### Tuesday, June 15

Headliners Today

### Atlantic | Eastern Central | Mountain | Pacific | 7:30 p. m. 6:30 | 5:30 | 4:30 | 3:30 |

CNRA (312 4m-960kc) | Springhill | choral night | 1:30 | 7:30 | 6:30 | 5:30 | 4:30 |

WEAO (293.9m-1020kc) | One act play | Student dramatic club. |

WPG (298.8m-1000kc) | Murphy's | Minstrels | 9 | 8 | 7 | 6 | 5 |

WBAL (245.8m-1220kc) | Baltimore | City | Park | orchestra | WBAL (245.8m-1220kc), Baltimore City Fark orchestra.
WGBF (236.1m-1270kc), Old Fiddlers, Clay, Ky.
9:30 6:30 7:30 6:30 5:30
WHAS (399.8m-1000kc), Carl Zoeller's Melodists.
10 9 8
WOC (483.6m-820kc), Pettit's Banjo Strummers.
KDKA (309.1m-970kc), Folk songs of the Nations.
10:45 9:45 8:45 7:45 6:45
KPRC (296.9m-1010kc), Harmony Boys.
11 10 9 8 7
CNBV (291m-1080kc), British Columbla music festival.

12 m. 11 (0 9 8 KGO (361.2m-830ke), Musical interpretation of Romeo and Juliet.

Tuesday, silent night for: CFCA, CKNC, CNRC, CNRE, CNRM, CNRO, CNRT, CNRW, KFKX, KFUA, KFWA, KOA, KOA, KOB, KOWW, KSAC, KHAC, KWSC, WABQ, WAHG, WAMD, WBBR, WCAP, WGCP, WHA, WHAZ, WLWL, WOR, WOS, WSMB, WSUI, WTAM, WTIC.

Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving
Time Stations
CKAC, Montreal, Canada (410.7m-730ks), 7:15 p. m.,
Windsor hotel dinner concert; 8:30, C. P. O. S. S.
Montrose members of National entertainment association of London; 10:30, Windsor hotel dance orchestra.
CNRA, Moncton, Canada (312.4m-960kc), 7:30 p. m.,
Springhili choral night; 11, CNRA orchestra.
WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m.,
dinner concert, William Penn hotel; 8, WEAF; 8:30,
WEAF; 9, WEAF; 10, Moment musicale.
WCAU, Philadelphila, Pa. (277.6m-1680kc), 6:30 p. m.,
Charite Kerr and his orchestra; 7:30, Snellenburg Instrumental trio; 8, theater digest; 8:10, The Three
Brothers; 8:25, Peter Ricci, bartione; 8:45, Higgins
and Burke, song writers; 9, Kuchnie's artists; 9:30,
Robert Praser, blind gospel singer; 10, recital; 10:15,
Eddile Malle and entertainers; 10:30, Cathay Tca Garden dance orchestra.

Eddie Malle and entertainers; 10:30, Cathay Tca Garden dance orchestra.

WCSH, Pertland, Me. (256.3m-1170kc), 8 p. m., WEAF.
WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 8, Grand Prize Eurekas, WEEI, WFI, KSD, WCAE, WWJ, WCSH, WSAI, WTAG, WGR, WCCO, WCC, WTAM, WJAR; 8:30, Gold Dust Twins, WEEI, WFI, WCAE, WGR, WWJ, WOC, WCSH, WJAR, WCCO, WIB, WTAM, KSD; 9, Eveready hour, WEEI, WFI, WCAE, WGR, WWJ, WOC, WCSH, WJAR, WCCO, WLIB, WTAM, KSD; 9, Eveready hour, WEEI, WFI, WCAE, WGR, WWJ, WOC, WCSH, WJAR, WCCO, WLIB, WTAM, KSD; 9, Eveready hour, WEEI, WFI, WCAE, WGR, WWJ, WOC, KSD, WJAR, WCCO, WTAG, WGN, WTAM, WSAI; 10, Moment musicale; 10:30, Ben Bernie and his orchestra; 11-12, Buffalodians dance orchestra, 7 p. m. Dan

Moment musicale; 10:30, Ben Bernie and his orchestra; 11-12, Buffalodians dance orchestra.

WEBI, New York, N. Y. (272.6m-1100ke), 7 p. m., Dan Barnett's orchestra; 7:30, Luna's Knickerbooker Grill orchestra; 8, R. R. talk; 8:15, Blanche and Hugh Ramsaur, duets; 8:30, Luna's Marine band.

WEEI, Beston, Mass. (348.6m-860ke), 6:20 p. m., George Joy, Nell Cantor; 7:30, Minute men; 8, WEAF, WI, Philadelphila, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 8, WEAF; 8:30, WEAF; 9, WEAF; 10, Varlety Half Hour; 10:30, Vincent Lopez and his orchestra.

WEAF; 10, variety Haif Hour; 10:30, Vincent Lopez and his orchestra.

WGBS, New York, N. Y. (315.6m-950ke), 7 p. m. Arrowhead Inn concert orchestra; 8, play, "Midsummer Night's Dream;" musical monologue, Mercedes Desmore; 8:45, Fauline Watson, violinist; T. Edgan Schewe, pianist; 10:15, Leonard Saxon, tenor; 10:30, Arrowhead Inn orchestra.

Schewe, planist; 10:10, Leonard Season, Genor; 10:30, Arrowhead Inn orchestra.

WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8. WEAF, WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio.

WHN, New York, N. Y. (361.2m-830kc), 6:30 p. m.,

Everglades orchestra; 7:30, Will Oakland's Chateau; 8. Treasureland Neighbors; 8:45, Price Piotto, songs; 9:30, Loew's 83rd St. orchestra; 10, Universal trio; 10:30, Strand Roof orchestra; 11, standing by; 11:30, Sophie Tucker's Playground; 12, Country club orchestra, WIP, Philadelphia, Pa. (5082.m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 7, Uncle Wip's bedtime stories; songs, Margaret Keenan; 8. concert from Marine studio; 8:30, Murphy's Minstrels; 9, Chalfont-Haddon Hall dual trio; 10, Creatore and his band; 10:15, Royal Mountain Ash Welsh male chorus; 10:30, popular and classic plano recital, Karl Bonawitz; 11, Joseph Samuels dance orchestra; 11:30, Silver Slipper supper club; Eddle McKnight's dance orchestra. WJAR, Providence, R. I. (305.9m-980kc), 7:30 p. m., musicale; 8-10, WEAF.
WJZ, New Yerk, N. Y. (454.3m-660kc), 8 p. m., One-mup Cut-up; 8:30, Deltan Pearl hour; 9, Breyer hour; WRC; 10:45, George Olsen's Hotel Pennsylvania Roof orchestra.
WMAK, Buffale, N. Y. (265.3m-1130kc), 10:30 p. m.,

WGY, WRC; 10:45, George Olscn's Hotel Pennsylvania Roof orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 10:30 p. m., Beaver Products company, WGY, WFBL, WHAM, WMCA, New York, N. Y. (340.7m-380kc), 7 p. m., Hofbrau Haus entertainers; 8:15, Muscle Shoals; 8:30, California Ramblers; 9. Paul Whitman's Beau Rivage orchestra; 9:30, Columbia Park entertainers; 11, Ernie Golden and the Botel McAlpin orchestra; 12, McAlpin antartainers. entertainers. WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.,

concert.

WOR, Newark, N. J. (405.2m-740ke), 6:40 p. m., Hotel Bretton Hall string on semble;

WPG, Atlantic City, N. J. (299.8m-1000ke), 7 p. m., Hotel Traymore dinner music; 7:45 fashion flashes; 8, Marine studio; 8:30, Murphy's Minstrels; 9, Chalfonte-Hadden Hall Dual trio; 10, Creatore and his band; 10:15, Royal Mountain Ash Welsh male chorus; 10:30, Karl Bonawitz; 11, dance orchestra; 11:30, Silver Slipper Supper club.

WTAG, Worcsster, Mass. (267.7m-1120ke), 8-8:30 p. m., WEAF; 8:30-9, annoonced; 9-11:30, WEAF.

Eastern Standard or Central Daylight Saving Time Stations

WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner concert, Chester Newman, baritone; Charlotte Edwards, contralto; Eugene Wallenfus; 12, Ted Fiorito, Dan Russo, Marie Tully, Wayne Myers, Jack Goodwin, Harry Brooker.

Harry Brooker.

WJAZ, Chicago, III. (329.5m-910kc), 9-12 mid., Earl Hoffman's Chee Pierre orchestra; The Quips That Pass in the Night; Frances Rosemary Schelb, soprano; Henrietta Nolan, violinist; William Hayden, tenor. WJJD. Mooseheart, III. (370.2m-810ke), 5:30-7 p. m., dinner concert; Jock Nelson; Howard Peterson, or-ganist; Palmer House symphony players; Victorians;

m. Batavia, III. (275.1m-1090kc), 7 p. m., Public e company of Northern Illinois; 9, musicale, Service company of Northern Illinois; 9, musicale, 11, program.

WQ1, Chicago, Ill. (447.5m-670ke), 7-8 p. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; Jerry Sullivan; Bert Davis; Collegiate quartet; Romo Vincent, boy baritone; Will Rossiter; Johnny Poat, baritone.

Romo Vincent, boy baritone; Will Rossiter; Johnny Poat, baritone.

NRG, Washington, D. C. (468.5m-640ke), 7 p. m., Radio School of International Relations; 7:30, WJZ; 8, WJZ; 9, WJZ; 930, to be announced; 10:30, Meyer Davis' Le Paradis band.

NREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble; 8:15. Reo Motor Car company band.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAP; 7:30, musicale; 8, WEAF; 9, WSAI program.

WSMS, Chicago, III. (275.1m-1090kc), 6 p. m., Josephine Ollver, violinist; Zola Haynes, dulcetone; W. A. Dyckman, bass; Terrace Gardens orchestra; 8. Cook Sisters; Jean St. Anne; Christian A. Grimm, pianist; Gus Edwards orchestra; 10, Terrace Gardens quintet; Zola Haynes; 12-1 a. m., Witching hour. WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudoville; 7-10, WEAF; 10, studio program; 11, Euclid Beach Park orchestra.

theater vaudoville; 7-10, WEAF; 10, studio program; 11, Euclid Beach Park orchestra.
WWJ, Detroit, Mich. (352.7m-850ke), 6 p. m., dimier concert; 7, WEAF.

Central Standard Time Stations KFAB, Lineoln, Nebr. (340.7m-880ke), 5:30-6:30 p. m., dinner concert; 8:05-10:30, U. of Nebraska, KFDM, Beaument, Tex. (315.6m-950ke), 7:30-8 p. m., orchestra; 8-9, Magnolia Petroleum Company's Refinery orchestra. KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., Wichita Eagle, J. O. Adams piano playing contest; 7-8, music. KFNF, Shenandeah, Iowa (263m-1140kc), 7 p. m., or-chestra, Griswold, Iowa; 8, Farm Bureau Fremont chestra, Griswoid, 10wa, o, raine company, Compa

KMMJ, Clay Center, Nebr. (228.9m-1310ke), 8 p. m., band concert.
KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., recttal, Jacquinot Jules, organist; 8, Ed Goessling, haritone; orchestra, light opera selections; 9, soloists; 9:30, Gordon Morrison, gultarist; songs, F. Anderson; 10, chimes, orchestra, soprano.
KOIL, Council Bluffs, lowa (278m-1080ke), 6:03 p. m., Ukulele Rag-Pickers; 6:30, Randall's Royal orchestra; 7:30. Wilson Doty; 8, Marle Salisbury, violinist; Olivetta Salisbury, pianist; Kathryn Skinner, pianist; 11, Hotsy-Totsy hour.
Kathryn Skinner, pianist; Kathryn Skinner, pianist; 11, Hotsy-Totsy hour.
Kathryn Skinner, pianist; Respectively, School, State States, School, States, Collepper, States, Sta

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-9:30 p. m., vocal solos, Mrs. Charles Caldwell; 9:30-10:30. New Artington hotel orchestra. KV00, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Jimmle Wilson and his Caffsh string band. KYW, Chicago, III. (535.4m-560ke), 8 p. m., Chicago Evening American studio; 7, program, Congress carnival. WCCO, Minneapolis-St. Paul, Minn. (416.4m-720ke), 6 p. m., WEAF; 8, musicale. WCCO, Minneapolis-St. Paul, Minn. (416.4m-720ke), 6 p. m., WEAF; 8, musicale. WDAF, Kansas City, Mo. (365.6m-820ke), 6-7 p. m., Billy Adair's orchestra; 11:45-1 a. m., Zez Confrey's orchestra; Billy Adair's orchestra; Dannie Campbell's orchestra; Earl Thursten, organist. WFAA, Dallas, fex. (475.9m-630kc), 6:30-7:30 p. m., Honey Boys' orchestra; 8:30-9:30, Anna Majer Rapley, planist; 11-12, Jimmy Joy's orchestra. WGBF, Evansville, Ind. (236.1m-1270kc), 7 p. m., Old Ffddlers; 8, musicale.
WHAS, Louisville, Ky. (399.8m-1000ke), 7:30-9 p. m., Carl Zoeller's Melodists.
WHB, Kansas City, Mo. (365.6m-820ke), 7-7:30 p. m., Morrill Moore, organist; 8-9:30, musicale.
WHO, Des Moines, Iowa (326m-570ke), 7:30-8 p. m., Raletgh quartet; 3-9, varied musicale.
WHC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Raletgh quartet; 3-9, varied musicale.
WGC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Walter Moore; II, Brilling's Cafeteria orchestra. WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Gerbhardt Mexican players.
WOC, Davenport, Iowa (483.6m-520kc), 5:43-5:55 p. m., chimes concert; 6-8, WEAF; 8-9, Pettit's Banjo Strummers.

chines concert; 6-8, WEAR; o-9,
Strummers,
WRB, Dalias, Tex. (245.8m-1220kc), 6-7 p. m., Jaek
Gardner's orchestra; 8-9, musicale, Montgomery studio.
WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert;
10:45, concert,
WSM, Nashville, Tenn. (282.8m-1060kc), 8 p. m.,
Shrine program,
WSOE, Milwaukee,
Wis. (245.8m-1220kc), 7 p. m.,
Elks club studio; 8:45, movie review; 9, classical nu-

Mountain Standard Time Stations

Mountain Standard 1 me Stations
CNRR, Regina, Can. (312.3m-960kc), 8 p. m., Nighthawks' orehestra.
KFXF, Colorado Springs, Colo. (250m-1200kc), 8 p. m.,
Alice Atkins, soprano; Evelyn Bissell, pianist; Wilhelm
Schmidt, pianist.
KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra; 8:30, International Rotary
club; 10, Baldwin artists' ensemble, Marie Sweet, soprano; Kathleen Ryan, contralto; Dan Baker, tenor;
Frank Bennett, bass; Edythe Sackett, pianist.

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291.fm-1080ke), 9 p. m., British Columbia musical festival; 10:30, Cabaret Belmont orchestra.

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia Ballroom orchestra; 8-9, Screen Artists string DANCING

Cont 1 Time S. griday 10:30, Kprc Wamd; 10:45, Wis; 11. Kfwa, Kfwb, Kpo, Webb, Wfaa, Wgbu, Who, Wisa Woe; 11:45, Wdaf; 12, Krwa, Kgo.

Modaf; 12, Krwa, Kgo.

Mr'day

8, Wgc, Wpr; 8:30,
Wpr; 9, Wgbu, Wjar,
Wor, Wpg; 9:15, Wah; 10,
Klhs, Wgbu, Wgcp, Wgr,
Mys, Wgc, Wgcp, Whn;
10:30, Kfoa, Wgcp, Whn;
11, Kgw, Koll, Wgu,
Wgcp, Wgr, Whn, Who;
Wjaz; 11:45, Wdaf; 12,
Krax, Kpo.

Tuesday

8, Wpg; 9, Wpg; 9:30,
Klhs; 10, Kfve, Wbbm,
Weaf, Wgbu, Wgn,
Whn, 10:45, Wsb; 11,
Kgw, Koll, Wgbu, Wgn,
Whn; 10:45, Wsb; 11,
Kgw, Koll, Wgbu, Whn;
Kjaz; 11:30, Kfoa; 11:45,
Wdaf; 12, Kraw, Khi,
Knx, Kpo, Wdaf, Wjaz.

Wednesday

Wednesday
10:30, Wbap, Whn; 11,
Koil, Kpo, Webh, Wgbu,
Wgcp, Vgr, Wan, Wjaz;
11:45, Wdaf; 12, Kiwa,
Knx, Kpo, Wjaz, Wjjd.

Thursday

S, Wir; 8:30, Wpg; 9,

S, Wir; 8:30, Wpg; 9,

Webh, Weei, Webu, Wbn,

Wir, Wmbb, Wpg; Wsai.

Wiag, Wtic; 9:05, Wsy.

Wip; 9:35, Wpy; 10,

Kths, Wbbin, Weaf, Wgbu,

Whn, Wnoea, Wqj; 10:30,

Kths, Wbhn, Webh, Wgbu,

Woc; 11:45, Wdaf; 12,

Kgo, Khj, Knx, Kpo,

Wjid.

Friday

Wijd.
Friday
8, Wwj; 9, Wcx, Webh,
Weel, Wg b u, Wgcp,
Wmbb; 9:15, Wahg; 9:30,
Weau, Whn; 10, Kpo,
Kths; Wgbu, Wgcp, Whn.

## ERATE TO GIVE EUCHARISTIC EVENTS



#### DANCING Conf Time

S. arday 10:30, Kprc, Wamd; 10:45, Wis; 11, Kfwa, Kfwb, Kpo, Webh, Wfaa, Wgbu, Who, Wian Woc; 11:45, Wdaf; 12, Krwa, Kgo.

Wdai; 12, Krwa, Kgo.

Mr day

8, Wge, Wpg; 8:30,
Wpg; 9, Wygbu, Wjar,
Wor, Wpg; 9:15, Wahg; 10,
Kths, Wgbu, Wgep, Wgr,
Mye, Wgep, Wgr,
Mye, Wgep, Whn;
10:30, Kfoa, Wgep, Whn;
Wgep, Wgr, Whn, Who;
Wjaz; 11:45, Wdaf; 12,
Knx, Kpo.

Wjaz; 11:49, wuai, ..., Knx, Kpo.

Tuesday

8, Wpg; 9, Wpg; 9:30,
Kths; 10, Kfve, Wbbm,
Weaf, Webh, Wgbu, Wgn,
Whn, Wmea, Wnyc; 10:30,
Whn; 10:45, Web; 11,
Kgw, Koil, Wgbu, Whn,
Wiaz: 11:30, Kfoa; 11:45, Wjaz; 11:30, Kfoa; 11:45, Wdaf; 12, Kgw, Khj, Knx, Kpo, Wdaf, Wjaz,

Wednesday
10:30, Wbap, Whn; 11,
Koil, Kpo, Webh, Wgbu,
Wgcp, Wgr, W.un, Wjaz;
11:45, Wdaf; 12, Kfwa,
Knx, Kpo, Wjaz, Wjjd.

Thursday
8. Wir: 8:30, Wpg: 9.
Webh, Weei, Webu, Whn.
Wir, Wmbb, Wpg. Wsal.
Wlag, Wtic: 9:05, Wbs.
Wlp: 9:35, Wpg: 10.
Kihs, Wbbm, Weaf, Wgbu,
Whn, Wmca, Wqj: 10:30,
Kths, Whn, Webh, Wgou,
Wcc; 11:45, Wdat; 12.
Kgo, Khj, Knx, Kpo,
Wijd.
Friday

Wijd.

Friday

8, Wwj; 9, Wcx, Webh,
Weei, Wg b u, Wgep,
Wmbb; 9:15, Wabg; 9:30,
Weau, Whn; 10, Kpo,
Kths; Wgbu, Wgep, Whn.

quartet; 9-10, grand opera program; 10-11, Packard Radlo club.
KFWB, Hollywood, Calif. (252m-1190kc), 6-7 p. m., Pontiac Six dinner hour; 8-9, program, Richard Heliman, Inc.; 9-10, program, American Brake Testing Machine company; 10-11, Warner Brothers frolic, KGO, Oakland, Calif. (3612m-330kc), 8-9 p. m., Eveready program, Virghia Grayson, soprano; Cari Anderson, tenor; musical novelty, "Wanted: A Quartet; 9-10, Pligrims' hour; Grace LePage, soprano; 10-12, Mardson's Midshipmen. (491.5m-610kc), 6-7 p. m., dinner concert; 10-12, dance music, Multnomah hotel, Herman Kenin's dance orchestra; Curt Kunner, pianist, KHJ, Les Angeles, Galf. (405.2m-740kc), 6-30-7:30 p. m., weekly visit of Queen Titania and the Sandmin; 8-10, Times de luxe program; 10-11, dance mir. KIR, Saattle, Wash. (334.4m-750kc), 8-30-10 p. m., Pruget Sound Savings and Loan association orchestra; 10-11, Nute Motocompany studio program. Ruilders Finance association; 9-10, program, Western Auto Supply company; 10-12, movie night, Ambassador, Rav West's Coconnut Grove orchestra (422.3m-700kc), 6:30-7 p. m., States Restaurant orchestra: 7-7:30, Rudy West's Coconnut Grove orchestra; 422.3m-700kc), 6:30-7 p. m., States Restaurant orchestra: 7-7:30, Rudy Seiger's Francont hotel orchestra; 8-9, John Philipot's Midshipmen: 9-9, Mana Motos Room dance orchestra. KPSN, Pasadena, Calif. (35.5m-950kc), 6-6:15 p. m., dinner time nows; 8-9, Star-News concert; George Frenger, tenor. quartet; 9-10, grand opera program; 10-11, Packard

#### Wednesday, June 16

#### Headliners Today

Headliners Today

Atlantic Eastern Central Mountain Pacific 7:33 p. m. 6:33 5:33 4:33 3:33 WBZ (333.1m-900kc), Musical Mirth Makers. 9 8 5 KFH (267.7m-1120kc), American Legion band. 9:15 8:15 7:15 6:15 S:15 WEAO (293.9m-1020kc), Holliday string trio. 10:15 9:15 8:15 7:15 6:15 WHO (528m-570kc), Original Larks. 10:30 9:30 8:30 7:30 6:30 KFAB (340.7m-880kc), Cowbell Boys. 11 0 9 8 7 KMA (252m-1190kc), Singing and Clogging. WDAF (365.6m-820kc), Ivanhoe band. 11:30 10:30 9:30 8:30 7:30 KFAB (30.7m-800kc), Ivanhoe band. 11:30 10:30 9:30 8:30 7:30 KFAC (296.9m-1010kc), Lillian Ricbards, song bird: i a. m. 12 m. 11 10 9

Wednesday, silent night for: CKAC, CKNC, CNRA, CNRC, CNRE, CNRM, CNRR, CNRT, CNRV, KFXF, KGO, KLDS, KMMJ. KOIL, KPSN, KSAC, KTAB, WABG, WBAL, WBAP, WBBR, WGBD, WFAA, WGBF, WGBS, WGCP, WHAR, WHAZ, WIP, WJAZ, WLWL, WMC, WOAI, WOAW, WPG, WRC, WRR, WSUI.

#### Atlantic or Eastern Daylight Saving Time Stations

CFCA. Teronto, Can. (356.9m-840ke), 11 p. m., Gilbert Watson and his orchestra.

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:45 p. m., Anne Paller, planist; 8, Michael Lamberti, cellist; Edythe Lamberti, soprano; 8:25. Walter Sellers, tenor; 8:40. M. Lamberti; 9, William Sweeney, bartone; 9:15, Dorothea Rampmaier, contralto; 9:30, Max Brick, tenor; Milton Schwartz, vilolinist; Milton Katz, planist; 10:15, Lou Drago, ukulele soloist; 10:30, Colonial dance orchestra; 11:02, Colonial dance orchestra.

Colonial dance orchestra; 11:UZ, Colomial dance orchestra.

WCAE, Pittsburgh, Pa. (481.3m-650kc), 6:30 p. m., dinner concert, William Penn hotel; 8, WEAF; 8:30, WEAF; 9; concert; 10, WEAF.

WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:30 p. m., recital, N. Snellenburg and company; 8:10, Hotel Pennsylvania concert orchestra; 8:30, Miller plano period; 9, Jack Wichter and his orchestra; 9:30, Helen Travis Hoel, soprano; 9:45, Senator Hassenpfesser; 9:50, recitat; 10, Joseph McCullough, banjoist; 10:30, Carl Zochrns and Lou Herscher, songs; 10:45, Frank Cook, old-time songs; 11, Artie Bittong's Cheer-up club.

Cook, old-time songs; 11, Artie Bittong's Cheer-up Club.

WCSH, Portland, Me. (256.3m-1170ke), 8 p. m., WEAF; 9, studio program; 10 WEAF; 9, studio program; 10 WEAF; WEAF, New York, M. Y. (491.5m-610ke), 6 p. m., dinner music; 7:30, musicale; 8. Shinola Merrymakers, Gentlemen of the 2 in 1. WTAG, WCAE, WWJ, WJAR, KSD, WGR, WEEI, WOA, WCAE, WWJ, WCCO, WCAP, WSAI; 8:30, Davis Saxophone octet, WOO, WCAF, WSAI, WEEI, WJAR, WGR, WCSH, WGA, WSAI, SAI, SAI, P., Jonan Troubadours, WEEI, WCAP, WOO, WWJ, WLIB, WCCO, WCC, WGR, WSAI, KSD; 10, 'Yeoman of the Guard,' light opera company, WCAP, WJAR, WDAF, WEEI, WTAG, WCAE, WWJ, WCSH, KSD, WTIC; 11-12, Pelham Heath Inn orchestra.

WEBI, New York, N. Y. (272.6m-1100kc), 8 p. m., Dixle Datsy entertainers; 8:45, Michele Bontempo, barttone; 9, William Bisignano, accordian; 9:15, Alfred Alearo, concert violinist; 9:30, Kabatniks dance orchestra.

WEEI, Boston, Mass., (348.6m-860kc), 7:30 p. m., mu-

Dargo entertaments, 6.30, Altered Actaro, 9, Milliam Blsignano, accordant; 9.15, Alfred Alcaro, concert violinist; 9.30, Kabatniks dance orchestra.

WEEI, Boston, Mass. (348.6m-860kc), 7.30 p. m., musicale; 8, WEAF; 10, musicale.

WFI, Philadelphia, Pa. (394.5m-760kc), 6.30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.

WGBS, New York, N. Y. (315.6m-950kc), 6.30 p. m., Seth Williams' Savoy orchestra; 7, American Legion program; 7:50, Seth Williams Savoy orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6.30 p. m., concert, Ruth M. Geisinger; 8, WEAF; 10, Harry Reld, popular program; 10:30, F. Egon Plagge violinist; 11, Vlncent Lopez and his Casa Lopez orchestra.

WHN, New York, N. Y. (361.2m-830kc), 7:30 p. m., Loew's Lexington organ recital; 9:10, Loew's New York orchestra; 9:30, Pallsades Amusement, Park orchestra; 10, Roseland dance orchestra.

WHP, Philadelphia, Pa. (306.2m-590kc), 6:05 p. m., Benjamiu Franklin concert orchestra; 7, Ruth Schmucher planist.

WIAR, Providence, R. I. (305.9m-980kc), 7:30 p. m., chamber musicale; 8-9, WEAF; 9, musicale; 10, Labioid musicale.

WIA, New York, N. Y. (454.3m-860kc), 8, m., Imperial Imps; 8:30, La Prensa hour; 10:30, Hotel Astor Roof orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:10 p. m.,

Roof orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:10 p. m.,
Arcadia orchestra; 9, recital; 10, Arcadia cafe dance

Areadia orchestra; 9, recutat; 10, Areadia care orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130ke), 6:30-7:15 p. m., Hotel Lafayette orchestra; 7:30, Eastman theater orchestra, WGY; 8:05-10, WHAM, WGY.

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m. Emie Golden and his Hotel Mealpin orchestra; 7:30, Tappen's orchestra; 8, X-1t Hawaiians; 9, Mamaroneck night; 10:30, Stauch's orchestra; 12, McAlpin entertainers.

tainers.
W00, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.
Svlvania dance orchestra; 8, Mystery Merrymakers WOO, Philadelphia, Pa. (598.2m-590kc), 7:30 p. m., Sylvania dance orchestra; 8. Mystery Merrymakers; 8:30, Davis saxophone octet; 9, Ipana hour; 10, concert, Fox theater studio; 10:30, Ritz Carlton dance orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:30 p. m., Jacques Jacobs' Hotel Shelton ensemble; talk; 9, Gertner's string quartet; 11, Crystal Palace orchestra.

#### **EDUCATIONAL FEATURES**

| Monday | | Atlantic | Eastern | Central | Mountain | Pacific | 6:30 p. m. 5:30 | 4:30 | 3:30 | 2:30 | WNYC | (526m-570kc) | German | lessons | V. H. Berlitz |  $\frac{8}{\mathrm{WDAF}}$  (365.6m-820kc), School of the  $\underline{Air}.$ 10:30 9:30 8:30 7:30 6:30 WHAZ (379.5m-790ke), Educational talk.

Tuesday

8 p. m. 7 6 5 4 WDAF (365.6m-820kc), School of the Air. WEAO (293.9m-1020kc), Blrd talks. 10 9 8 7 6 KUOA (299.8m-1000kc), U. or Ark, WMAQ (447.5m-670kc), Lecture, University of

Atlantic Eastern Central Mountain Pacific

t2 m. 11 10 9 KTAB (239.9m-1250kc), Mills college.

Wednesday

Atlantic Eastern Central Mountain Pacific 6:30 p. m. 5:30 4:30 3:30 2:30 WNYC (526m-570kc), Spanish lesson, V. H. Ber-

 $\frac{8}{\text{WDAF}}$   $\frac{7}{(365.6\text{m}-820\text{kc})}$  , School of the  $\Delta ir.$ 8:30 7:30 6:30 5:30 4:30 WBZ (333.1m-900kc), Radio Nature league, Atlantic Eastern Central Mountain Pacific

9 p. m. 8 5 WEAO (293.9m-1020kc), "Atoms and Stars." WHB (365.6m-820kc), Automotive talk, WMAQ (447.5m-670kc), Lecture, Northwestern uni-

11:30 10:30 9:30 8:30 KHJ (405.2m-740kc), Astronomy.

Thursday Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4 WDAF (365.6m-820kc), School of the Air. 9:45 8:45 7:45 6:45 5:45 9:45 8:45 7:45 6:45 5:45 WOI (270.1m-1110kc), Educational opportunities.

10 9 8 7 6 WMAQ (447.5m-670kc), U. of C. lecture.

### Friday
Atlantie Eastern Central Mountain Paelfic
6:30p.m. 5:30 4:30 3:30 2:30
WNYC (526m-570kc), French lesson. 7:45 6:45 5:45 4:45 3:45 WITC (475.9m-630kc), Cartoon lessons, Bud Kings

8 7 6 5 4
WDAF (365.6m-820ke), School of the Air.
WOAW (526m-570ke), "Musical Appreciation,"
Hester Bronson Copper.

10 9 8 7 6
WMAQ (447.5m-670ke), U. of Chicago. 

WTAG, Worcester, Mass. (267.7m-1120ke), 8-8:30 p. m., WEAF; 8:30-10, musicale; 10-11, WEAF. Eastern Standard or Central Daylight

Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert, Giles Everglades club orchestra; 7:30, The Gondeliers

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m., dinner concert, Giles Everglades club orchestra; 7:30, The Gondoliers.

WBBM, Chicago, III. (225.4m-1330kc), 8-10 p. m., popular period; 12, Nutty club.

WBZ, Springfield, Mass. (333.1m-960kc), 6:33 p. m., Musical Mirth Makers; 6:145, M. A. C. Radio forum, 8, Max Krulee's orchestra; 8:30, Helen Hudson, soprano; Joseph Was, baritone; 9, Waltham Wutch company band.

WCAP, Washington, D. C. (468.5m-840kc), 7-7:30 p. m., WEAF; 7:30-8, outdoor concert, U. S. Army band; 8-9, WEAF; 9-10, WEAF; 10-10:30, announced; 10:30-12, dance music.

WEAO, Columbus, Ohio (293.9m-1020kc), 8:15 p. m., Holliday string trio; 9:15, Fraternity orchestra. WEBH. Chicago, III. (370.2m-810kc), 7-8 p. m., Osborn's orchestra; Frank Bord-ner; Lawrence Salerno; 11-12:30, orchestra; Kay Ronayne, Florence Behrend.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., Rauland lyric trio; 8-10, All-American Pioneers; 12-2 a. m., midnite frolic.

WGES, Oak Park, III. (249.9m-1200kc), 5-7 p. m., Paradise plane; 8-9, Frank Sylvano, Louis Panleo, Guyon's Paradise ballroom orchestra; Melody Girls; 11-1 a. m., Casey and Gervais; Ray Dean, Fay Dillon, Pat Ryan, Louis Panleo, Guyon's Paradise ballroom orchestra; Melody Girls; 11-1 a. m., Casey and Gervais; Ray Dean, Fay Dillon, Pat Ryan, Louis Panleo, Guyon's Paradise ballroom orchestra.

11-1 a. m., Casey and Gervais; Ray Dean, Fay Dillon, Pat Ryan, Louis Panleo, Guyon's Paradise ballroom orchestra.

WGHB, Glearwater, Fla. (265.3m.1130ke), 8:30-10 p. m., Rex Dantzler, tenor; Mrs. Frank Delemater, contralto; Eldon McMullen, pianlst.

WGHP, Detroit, Mich. (270.1m.1110ke), 6 p. m., dinner concert; 7:35; children's hour: 8-10, Little Symphony orchestra; male quartet; Madame Gizi Szanto, pianlst; 12-1, Gerald Marks' orchestra.

WGN, Chicage, III. (302.8m.990kc), 6:35-7 p. m., Blackstone string quintet; 9-10, grand opera selections; 10-10:10, Sam n' Henry; 10:10-10:20, studio music; 10:30-32:30, Fepper Farty.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m., Eastman theater orchestra, WHAM; 7:05-9, muslcale, WHAM.

WHT, Chicago, III. (399.8m-750kc), 7:10 p. m., organ; 7:50, chapel; 8:30-10:15 (238m-1260kc), Cinderella cafe orchestra; 11 (399.8m-750kc), Art Becker, planlst; Al and Pat; 12 midnight, Your Hour league.

WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m. Dorothy Rae, soprano; Charles Champlin, battione; Evelyn Elliott, contralto; Frank Greif, tenor; trio, 10-12, Marie Tully, Wayne Myers, William Molnaire, Cramer and O'Grady; Elsie Orr; Lenore Friedman, Pearl Holtzman.

WJID, Mooseheart, III. (370.2m-810kc), 5:30-7 p. m., Jean Goldkette's Petite symphony orchestra; 1:3, Goodwill R., Thomas; 12:30 a. m., Settin' Up hour.

WJR, Pentiac, Mich. (526m-580kc), 7 p. m., Jean Goldkette's recite symphony orchestra; 1:1, Murphy Brothers organ; 12 midnight, Merry Old Chief, Jewett Radio Jesters.

Brothers organ; 12 midnight, Merry Old Chief, Jewett Radio Jesters.

WKRC, Cincinnati, Ohio (422.3m-710kc), 6 p. m., Alvin Rochr and his Hotel Alms orchestra; 8:15, Gene Perazzo, planist; 8:30, Oliver Plunkett, tenor; 9, string ensemble; 12, popular songs; 12:30, Wesley Helvey and his La Vista orchestra.

WLIB, Chicago, III. (302.8m-990kc), 7-7:95 p. m., million sing; 7:15-7:30, dinner concert; 7:30-7:50, Pattson Coates, bartione; Edward Barry, planist, 7:50-8, Auld Sandy; 8-9, WEAF; Ambrose Larson, organist.

WLW, Cincinnati, Olio (422.3m-710kc), 7 p. m., dinner hour concert, Hotel Gibson; 7:30, Hotel Gibson concert; 10, Thorobred entertainment; 11, Clucinnati Post program.

cert, 10, Thorobred entertainment; 11, Cincinnati Post program.

WMAQ. Shicage, 111. (447.5m-670kc), 6 p. m., Chicago theaer organ; 6:30, Hotel La Salle orchestra; 8:30, MBB, Glesage, 112, 249. Shifted orchestra; 8:30, WBB, Glesage, 11. (243.9m-1200kc), 7-8 p. m., Trianon duo; 9:11, 124.9m-1200kc), 7-8 p. m., Trianon duo; 9:11, 124.9m-1200kc), 7-8 p. m., Capitol theater organ; studio program; Tip Top Inn string ensembles of 1:30 p. 12. The Top Inn string ensembles of 1:30 p. 12. The Top Inn string ensembles of 1:30 p. 12. The Top Inn string ensembles of 1:30 p. 12. The Top Inn string of 1:30 p. m. Top Inn string of 1:30 p. 12. The Top Inn strin

Speed-Wagon serenaders; Gold Standard ensemble, WRVA, Richmond, Va. (256.3m-1170kc), 9:15 p. m., musical program; 10, organ and chimes recital; 11, Carry Me Back to Old Virginny.

WSA1, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m. chimes; 7, WEAF; 7:30, WEAF; 9, WEAF; 10, Congress Playing card string quartet.

gress Playing card string quartet.

WSWS, Chicago, Ill. (275.1m-1090kc), 6 p. m.,
Josephine Oliver, Terrace Garden orchestra; 8, Cecil
and Esther Ward, Nel and Lucille Cook; Edward
Holt, Clinton Keithley; Terrace Gardens orchestra; 10,
Terrace Gardens quintet; Josephine Oliver, Lucille Darmond; Joe Coffee; Dave Darcie, ballads; Osborne
Sisters; 12, Witching hour.

WTAM, Cleveland, Ohio (389.4m-770kc), 6:15 p. m.,

Hotel Cleveland orchestra; 7:30, WEAF; 8, Public Auditorium program.
WTIC, Hartford, Conn. (475.9m-630kc), 5:30 p. m., Bond trio; 7:30, Capitol theater orchestra; 8, Travelers Jongleurs; 9, Carroll's Palais Royal dance orchestra; WWJ, Detroit, Mich. (352.7m-650kc), 6 p. m., dinner concert; 7, WEAF; 7:30, News orchestra; 8, dance orosgram; 9, WEAF.

Central Standard Time Stations

Central Standard Time Stations
CNRW, Winnipeg, Can. (384.4m.780ke), 9 p. m. Fort
Garry hotel trio; Emile Mignacea, violinlst; Arthur T.
Diehl, tenor; Eveline Wildgoose, pianist; Frank Redlich, cellist; Eleanor Williams Edmond, contratio.
KFAB, Lincoln, Nobr. (340.7m.880ke), 5:30-6:30 p. m.,
dinner concert; 8:30-10:30, Cowbell Boys; Little symphony orchestra; Harmony Boys entertainers.
KFH. Wiehlta, Kan. (267.7m.1120ke), 6:30-7 p. m.,
piano playing contest; 7-8. American Legion.
KFKX, Hastings, Nebr. (288.3m-1040ke), 9-11 p. m.,
musicale, Lincoln, Nebr.
KFNF, Shenandoah, lowa (263m-1140ke), 7 p. m., concert.

cert.

KMA, Shenandeah, lowa (252m-1190kc), 9-11 p. m., popular musicale; singing and elogging, Bob and Babe Riddle.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., dinner time recital. Jacquinot Jules, organist; 7-8:30. Shut-in entertainers, Minna and Ida Moerschell, orehestra; 8:30-9:30, orchestra, light opera selections, song eyele; 9:30-11:40, Trumpet flourish; drama, "The Dust of the Road;" orchestra.

sensus, 8.30-9.30, offensita, Hght Opera Solections, song eyele; 9:30-11.40, Trumpet flourish; drama, "Tha Dust of the Road," orchestra.

KPG. Duston, Fex. (236.9m-1040kc), 7:30 p. m., C. J. Sh. Duston, Fex. (236.9m-1040kc), 7:30 p. m., C. J. Sh. Duston, Fex. (236.9m-1040kc), 7:30 p. m., C. J. Sh. Duston, District of Sh. Duston, Sh. Duston, Sh. Duston, District of Sh. Duston, Sh. Duston, District of Sh. Duston, Sh. Duston, District of Sh. Duston, District of

KYW, Chieago, III. (53.54m.550ke), 6 p. m., musicale program; 8-9:30, classical concert; 9:30-11, Congress carnival.

WAMD, Minneapolis, Minn. (243.8m-1230ke), 7:15 p. m., classical program; Emit Edwards, violinist; Alma Edwards, mezzo-soprano; Etta Landry, pianist; 10, Gould banjo cluy; 11 Skyrocke frolk.

WCCO, Minneapolis, Minn. (243.8m-1230ke), 7:16 p. m., deast, mezzo-soprano; Etta Landry, pianist; 10, Gould banjo cluy; 11 Skyrocke frolk.

WCCO, Minneapolis, Minn. (416.4m-720kc), 6-8 p. m., WEAF, 8. All Saints Episcopal church; 9, musicale; 10:05, Walle Erickson's Collseum orchestra; WCOA, Pensasola, Fla. (222m-1350ke), 7-10 p. m., Fensacola Philharmonic orchestra; Prof. John Borjes, violinist; Anita O. Villar, vocalis, Prof. John Borjes, violinist; Anita O. Villar, vocalis, Nighthawk frolk. WAAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m., Zez Confrey's orchestra; 8-9, Hotel Muehlebach orchestra; 9-10, Ivanhoc band; 11:45-1 a. m., Nighthawk frolk. WHAS, Louisville, Ky. (399.8m-1000ke), 7:30-9 p. m., Knickerbocker club orchestra.

WHB, Kansas City, Mo. (365.6m-820kc), 10:30-11:30 p. m., midweek Radio feature.

WHO, Des Moines, Iowa (526m-570kc), 6-7 p. m. Bankers Life Little symphonic orchestra; 7:15-8:15, Irene Dorans Little symphonic orchestra; 8:15-9, Original Larks; Harry Lewis, soloist; Norman Broholm, pianist; Kate Miller, whistler; Maude Hughes, accompanist; Yate Miller, whistler; Maude Hughes, accompanist; Priv Conservation, Program, Riverview Park; 11-12, Bankers Life Corn Sugar orchestra.

WOC, Davenport, lowa (483.6m-620kc), 5:45-5:55 p. m., chimes concert; 6-8, WEAF; 9:30-10:30, musical program, Emityle Swindell, organist.

WOS, Jefferson City, Mo. (440.9m-680kc), 8:30 p. m., dense concert; 6-8, WEAF; 9:30-10:30, musical program, Emityle Swindell, organist.

WOS, Jefferson City, Mo. (440.9m-680kc), 7-9:30 p. m., denneet.

wsbt, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m.,

eoneert.

WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., dinner concert. Andrew Jackson Hotel trio; 8, Dorothy Overall and Midred Cisco, pianists; Sam Woolwine, barttone; 10, Mary White Guill, soprano; Mrs. Robert Caldwell, contralto; Amanda Caldwell, violinist; Ellen Caldwell, pianist.

WSMB, New Orleans. La. (319m-940kc), 8:30 p. m., Robert Bryon, Jr., baritone.

Robert Bryon, Jr., baritone. WSOE, Milwaukee, Wis. (245.8m-1220ke), 7 p. m., Elks club studio; 9, educational program.

#### Mountain Standard Time Stations

NOUNTAIN STANDARD INTO STATIONS

KOA, Denver, Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:15. Rotary International, KOA orchestra;
quartet; Mrs. Allen Street, soprano; Mrs. Raymond M.
Havens, contralto; Hollywood male quartet; 9, International Rotary club.

#### Pacific Standard Time Stations

Pacific Standard Time Stations

KF1, Los Angeles, Callf. (467m-642kc), 7-7:30 p. m.,
Grebe Synchrophase string ensemble; 7:30-8, Nick
Harris detective story; 8-9, program, California
Petroleum corporation; 9-10, Pat O'Neal, barltone;
Dolores Mason, concert pianist; 10-11, Charles Beauchamp, tenor and others.

KFWB, Hollywood, Calif. (252m-1190kc), 6-7 p. m.,
Pontiac SIx dinner hour; 7:30-8, program, Corduroy
Tire Stores, Inc.; 8-9, Bill Hatch's Oakmont Country
club orchestra; 9-10, program, Pacific Development
company; 10-11, Warner Brothers frolic,
KGW, Portland, Orc. (491.5m-610kc), 6-7 p. m., dinner
concert; 8-9, concert; 9-10, concert, vocal and instrumental.

concert; 8-9, concert; 9-10, concert, vocal and instru-mental.
KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, de luxe pro-gram; 10-11 dance music.
KLX, Oakland, Calif. (508.2m-590kc), 9-10 p. m., spe-cial program.

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## SWEDISH CROWN PRINCE OVER WJJD

#### Wednesday, June 16

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., program, Hoyt Water Heater company; 8-9, program, Security Trust and Savings bank; 9-10, Motor Transit Stages program; 10-11, studio program; 11-12, Anbassador 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, Atwater Kent artists; 9-10, Cabirta Cafe orchestra; 10-11, States Restaurant orchestra.

orchestra. KWSC, Pullman, Wash. (348.6m-860kc), 7:30 p. m. Marimba trio; Alloyce Schroller, pianist.

#### Thursday, June 17

Headliners Today
Eastern Central Mountain Pacific WQJ •(447.5m-670kc), Play night, Columbia School

WQJ \*(447.5m.670kc), Play night, Columbia School of Expression.
8:30 7:30 6:30 5:30 4:30
WRC (468.5m-640kc), WIZ (454.3m-660kc), WGY (379.5m-790kc), U. S. Marine band.
9 WSB (428.3m-700kc), Smith Sacred Singers.
9:30 8:30 6:30 5:30
KDKA (309.1m-970kc), Musical whimsics.
WHAS (399.8m-1000kc), Virginia Vetter's entertainers.

ers. 10:30 9:30 8:30 7:30 6:30 KWWG (277.6m-1080ke), Spanish songs, Sr. Revuel-

HAWWG (247.0m-1400xe), Cooper's Hawalians.

WMC (499.7m-600kc), Cooper's Hawalians.

WSMB (319m-940kc), Schilling's Society serenaders.

11.30 10:30 9:30 8:30 7:30

WCCO (416.4m-720kc), Portal players.

12 m. 11 10 9 8

KFI (467m-642kc), Kanner trio.

KLI (465.2m-740kc), Charles Wakefield Cadman program.

Thursday, silent night for: CHIC, CKNC, CNRA, CNRE, CNRO, CNRR, CNRT, CNRV, CNRW, KFAB, KFOA, KFUO, KFWA, KLX, KMOX, KOA, KOAC, KOB, KSAC, KWSC, PWX, WABQ, WAHG, WCAP, WCEE, WEAO, WEBJ, WEMC, WGBF, WHA, WHAD, WHAZ, WIJD, WMAK, WMAZ, WNAD, WOOD, WOR, WOS, WSM, WSUI, WTAM.

#### Atlantic or Eastern Daylight Saving

Time Stations

CKNC. Toronto, Can. (356.9m-840kc), 8 p. m., Charles E. Bolley and his dance orchestra; Elsie Addison, contraito; Battery Brothers. (410.7m-730kc), Elysian night orchestra.

WBBR. New York, N. Y. (272.6m-1100kc), 8 p. m., L. Marion Brown, soprano; Watchtower instrumental trio. WGAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., L. Marion Brown, soprano; Watchtower instrumental trio. WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., Cathay Garden orchestra; 7:30, Snellenburg Symphony orchestra; 8, sodier's Plantation serenaders; 8:30, Califon's Anglers; 9, Barry CMoore, Itlsh tenor; 9:30, Musical Chefs; 9, Barry CMoore, Itlsh tenor; 9:30, Musical Chefs; 9:37, Pottessor Doolittle; 10, Melrose concert cuarter; 10:30, Jackson and Ellis, Radio sweethearts; 11, tharlie Kerr and his orchestra; 11:30, Club Madrid revue, 11:30, Club Madrid revue, 11:30, Sloub Madrid revue, WEAF, New York, N. Yue, 11:30, Silventown Conditions, Marion, Marion

ford dance orchestra; 8:15, WEAF; 9, WEAF; 10, WGBS, New York, N. Y. (315.6m-950kc), 6:45 p. m., George Hall and his Royal Arcadiaus and William Pike's orchestra; 7:45, Hotel Swille concert orchestra; 8:15, Teresa Santoro, soprano; 9, Guiseppe Leone, baritone; 9:30, old-time minstrel show; 10:30, orchestras. WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF, WHAR, Atlantic City, N. J., (275.1m-1090kc), 8 p. m., Seaside hotel trio; 9, studio concert; 11, Follies Bergere dance orchestra; 10:30, Loew's Gates theater orchestra; 9, Loew's 7th Ave. concert; 9:30, Loew's 83rd Street orchestra; 12, Sophie Tucker's Playgound. WIP, Philadelphia, Pa. (508.2m-590kc), 6:03 p. m., Benjamin Franklin concert orchestra; 7. Simpson Memorial Intermediate choir; 8, Hotel Ambassador orchestra; 10:30, Alice Warren Sachse, planist; 8:435. Creatore and his band; 9:30, Hotel Traymore concert orchestra; 10:30, Royal Mountain Ash Welsh male chorus; 11:30, Silvet WIAR, Providence, R. I. (305.9m-980kc), 8 p. m. Robert W. Powers' Hudson-Essex orchestra; 9-11, WEAF, WIZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel

Royal Mountain Ash Weish male chorus; 11.00, slivet Silpper supper club.

VIAR, Providence, R. I. (305.9m-980ke), S. p. m., Robert W. Powers' Hudson-Essex orchestra; 9-11, WEAF.

WIZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Vanderbilt orchestra; S. First National presentation, WRC; 8:30, U. S. Marine band from WRC, WGY, WCAD; 9:30, Royal Typewriter Salon orchestra. WGY, WCAD, 9:30, Royal Typewriter Salon orchestra. WGY, WCAD, WRC; 10:30, The Record Boys, WRC; 11, Swance dance orchestra from WRC.

WMCA, New York, N. Y. (340.7m-880kc), 7 p. m. Hofbrau Haus entertainers; S. Roemers Homers; 9:30, Columbia Park entertainers; 10:30, California Ramblers; 11, Ernie Golden and his Hotel McAlpin orchestra; 12, Broadway night.

WOO, Philadephia, Pa. (508.2m-750kc), 7:30 p. m., Hotel Bretton Hall string quartet.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:45 p. m., Arthur Scott Brook, organist; 7, Hotel Morton dinner music; 7:30, Elks home dinner music; 8. Hotel Ambassador dinner music; 8:30, Alice Warren Sachse, pitanist; 8:45, Creatore and his band; 9:30, Hotel Traymore concert orchestra; 10, dance orchestra; 10:30, Weish male chorus; 11:30, Silver Weins and his novelty dance orchestra; 11:30, Silver Sipper supper club. M. Safety club; 8-9, program; 9-10, WEAF; 10-11, WEAF.

Eastern Standard or Central Daylight

Saving Time Stations

KDKA, Pittsburgh, Pa. (309.1m-970kc), 5:30 p. m..

Pittsburgh Athletic association; 8:30, musical whimsies, symphony players; 10:05, Pittsburgh Post concert.

WBAL, Baltimore, Md. (245.8m-1220ko), 6:30-7:30
p. m., WBAL dinner orrehestra; 8-8:30, Frederick D. Weaver, organist; 8:30-9, WBAL mixed quartet; 9-10, WBAL;

Weaver, organist; 8:30-9, WBAL mixed quartet; 9-10, WBBM, Chicago, Ill. (225.4m-1330ke), 8-11:30 p. m., popular music; Moss Covered melody period, Alemito orchestra, artists; 11:30-12, supper club. WBZ, Springfield, Mass. (333.1m-900ke), 6:33 p. m., Hotel Lenox ensemble; 8. Esther Brown, trumpeter, artists; 8:30, organ recital; 9, Laura Jones, violinist; 9:15, J. Malcolm Warren, tenor; 9:30, Copley Plaza dance orchestra.

WGBD, Zlon, Ill. (344.6m-870ke), 9 p. m., mixed quartet; Celestial bells; Mrs. H. E. Mayfield, soprano; Daniel Mason. Erle Carcy; Mrs. Hulda Klammer, reader; Josephine Martin, planist.

WEAO, Columbus, Ohio (293.9m-1020kc), 8:15 p. m., music; 9, Quality Men's quartet.

WEBH, Chicago, III. (370.2m-810kc), 7 p. m., special recital; 9, orchestra; Ruth Buhl Flick, reader; Dorothy Herman Blum; Indiana male quartet; 11-12:3d, orchestra; Pat Ward; Rita McFawn, Mary Bleber.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., Rauland lyric tric; 8-10. All-American Ploneers.

WGES, Oak Park, III. (249.9m-1200kc), 5-7 p. m., organ music; artist pupils, Chicago Musical college; Peggy O'Nelli, Esther Richards; 8-9, Jimmy Wall; Guyon's Paradise; Leona Hayes; II-12, Flo and Ray. Phil Fleming; Melody Girls; Panico Panic.

WGHP, Detroit, Mich. (270. m. III0kc), 10-12 midnight, WGHP frolickers; dance band; Harry Hayes, banjoist; J. Franz Miller, pianist; 12-1, Gerald Marks' orchestra.



Chicago welcomes Crown Prince Gustaf Adolf of Sweden with a dinner June 23 at the Palmer House. During the evening the Crown Prince will talk in English over WJJD.

WGN. Chicago, III. (302.8m-990kc), 6:35-7 p. m., Drake concert ensemble; 8-9, WEAF; 9-10, WEAF; 10-10:10, Sam 'n' Henry; 10:10-11, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 6:45 p. m., WGY orchestra; 7:30, U. S. Marine band, WRC, WLZ; 8:30, WJZ; 9:30, American Indian themes; 10:30-11:30, Stephen E. Boisclair, organist.

WHT, Chicago, III. (399.8m-750kc), 7:10 p. m., Al Carney, organist; 8:45-10:15 (238m-1260kc), Cinderella eafe orchestra; 12 (399.8m-750kc), U. S. L. entertainers.

WIBO. Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner concert; 12, Tcd. Fiorito, Dan Russo, Marte Tully, Wayne Myers; Louis A. Webb, Rita McFawn, Smith and Ford.

concert; 12. Ted Fiorito, Dan Russo, Marie Tully. Wayne Myers; Louis A. Webb, Rita McFawn, Smith and Ford.

WJAZ. Chicago, Ill. (329.5m-910kc), 9-12 midnight, classical program, Spanish Garden studio; Betty Cain, violinist; Kathryn Ready, soprano; John Stoan, tenor; Dorris Irene Berry, contralto; Bernice Yanacek, pianist; Frank Mitten, chimes.

WJID, Mooseheart, Ill. (370.2m-840kc), 5:30-7 p. m., dhner concert; Howard Peterson, organist; Palmer House symphony orchestra; Victorians; 8-9, child artists, solos, bands; 10-11. Victorians, quartet; 12:30 a. m., Knights of the Burning Caudle.

WJR, Pontiac, Mich. (516.9m-580kc), 7 p. m., A. M. Wolf's entertainers; 7:30, Ide and Meginnity; 9, Jean Goldkette's orchestra.

WKRC, Cincinnati, Ohio (422.3m-710kc), 8 p. m., Alvin Rochr and his Hotel Alms orchestra; 8:45, Marie Turner; 9, Bernie Cummins orchestra; 9:30, classical program; 9:45, dance music.

WLIB, Chicago, Ill. (302.8m-990kc), 7-7:05 p. m., million sing; 7:05-7:15, Old-fashioned almanack; 7:15-8, Hires Harvesters; Il-11:20, Correll and Gosden; 11:20-12 m., Liberty, studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's Drake hotel dance orchestra; Purple Grackle orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 12:05 p. m., millered.

organist; Tommy Thatcher's Drake hotel dance orchestra; Purple Grackle orchestra.

WLW, Gineinnati, Ohio (422.3m-710kc), 12:05 p. m., organ cencert by Mildred Prigge; 6:15, Norrine Gibbons, Pristilla Holbrook; 7, dinner cencert, Hotel Gibson; 7:45, continuation of Hotel Gibson orchestra; 10, three minute message, U. S. Civil Service department; popular concert. Doberty Melody Boys; 11, 1rene Downing and Tommy Reynolds; 11:30, Henry Theis' orchestra; 12:15, Night Howls.

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel LaSaile orchestra; 3, John Loring; 9:20, Edward Graening, violinis, 7-8 p. m.

Trianon ensemble: Hernes Brothers, Hungarlan Harmonica Twins; 9:11, Trianon orchestra; ensemble Wellington Forbes, Bob Bennett, Bob Duffy.

WOK, Chicago, III. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; Tip Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program.

WORD, Batavia, III. (275.1m-1090kc), 8 p. m., music; 8:36, Cosmopolitao School of Music.

WQI, Chicago, III. (275.1m-1090kc), 8 p. m., music; 8:36, Cosmopolitao School of Music.

WQI, Chicago, III. (275.3m-1670kc), 7-8 p. m., Rainbo Gardens orchestra; Columbia school; 10-2 a. m., Jerry Stillvan; Harry Geise; Lew Eutler; Bert Davis.

WRC, Washington, D. C. (488.5m-640kc), 7 p. m., WJZ; 7:30. U. S. Marthe band, WJZ, WGY; 9, Royal Salon orchestra, WJZ, WGY, 9, Royal Salon orchestra, WJZ, WGY, 9, Royal Salon orchestra, WJZ, WGY, 8:45 p. m., Gold Standard ensemble; 8:15, Reo Broadcasting orchestra; test of the deserta.

chestra.

WRVA, Richmond, Va. (256.3m-1170ke), 8:45 p. m., an evening of music; Joseph Whittemore's group; Mrs. R. Kent, concert planist; 11, Carry Me Back to Old Virginny.

WSAI, Cincinnati, Ohlo (325.9m-920kc), 7:15 p. m., WEAF; S. WEAF; 9:15, WEAF; WSWS, Chicago, Ill. (275.1m-1690kc), 6 p. m., Stephen A. Day, Rita McFawn, Hugh Aspinwall, tenor, Josephine Oliver, violinist, Marjorie Terry, pianist, orchestra; Golden tric; 10-11, Terrace Gardens quintet, "That Old Sweetheart of Mine;" 11-12, Halfelujah Boys; Kenneth Clark; Rudy Winter; Billy Schaefer, Hamilton Hardlng; 12-1, Witching hour.

TAM Cleveland Ohio (389 4m-770ke) 6:15 m m

Hollanden hotel orchestra; 7:15-9, WEAF: 9, studio program.
WTIC, Hartford, Conn. (475.9m-630ke), 7 p. m., popular songs, Joseph Clayton; 7:30, Mrs. H. G. Hancock, soprano; 7:45, J. George Westerman, violinist; 8. For-an-to Melody Makers, Travelers male quartet; 9, Holel Bond dance orchestra.
WWJ, Defroit, Mich. (352.7m-650kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 3:30-4 p. m.,
Builek Master Six orchestra.

KFH. Wichita. Kan. (267.7m-1120kc), 6:30-7 p. m.,
plano playing contest; 7-8-min Hiner and Forrest
Burkler Henry Atarth, old-time fielder.

KFCH. Shenandah, 10-wa (263m-1140kc), 7 p. m.,
Christlan church mixed program.

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

KMA. Shenandoah, lowa (252m-1190kc), 9-11 p. m., Ye Olde Tyme gang orchestra.

KMMI, Clay Center, Nebr. (288.9m-1310ke), 8 p. m., Hanson's orchestra.

KPRC, Houston Tex. (296.9m-1910ke), 7:30 p. n., Harty Kobusch and his orchestra 8:30, Gregor Jassel, Russian violinist; Mrs. S. J. Pfeiffer, artists accompanist; 9.8 outbern Pacific Lines band.

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:10-9:45 p. m., Lawson Reid, organist; 9:45-10, Lon Chassy, violinist; John G. Heyn, pianist; 9:45-10, Lon Chassy, violinist; John G. Heyn, pianist; 9:45-10, Lon Chassy, violinist; John G. Heyn, pianist, WVOO, Bristow, Okla. (374.8m-800kc), 6-9 p. m., surprise program.

KWWG, Brownsville, Tex. (277.6m-1080kc), 8:30-9 p. m., Spanish songs, Sc. Revueltas; Hawailan musle. George Desha; 9-9:20, Beth Sewell, pianist; 9:20-9:40, Mrs. Alberta Archer Kirby, soprano.

KYW, Chicago, Ill. (353.4m-560kc), 6 p. m., muslcale, Hearst square; 8-9:30, classical concert; 9:30-10:30, Congress carnival.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Davis Baking Powder saxophone octet; 9:30-11, Harmony club; 11-12, Sorin-White's Top of Texas orchestra.

WCCO, Minneapolis-St. Paul. Minn. (416.4m-720kc), 7 p. m., WEAF; 9, LaSebana program; 9:30, Portal players.

WDAF, Kansas City, Mo. (365.6m-820kc), 6-7 p. m.,

orchestra,

WCCO, Minneapolis-St. Paul. Minn. (416.4m-720kc). 7
p. m., WEAF; 9, LaSebana program; 9:30, Portal
players,

WDAF. Kansas City. Mo. (365.6m-820kc). 6-7 p. m.,
Billy Addir's orchestra; 14:45-1 a. m., Zez. Confrey's
orchestra; Jolunnie Campbell's orchestra; Earl Coleman's
orchestra; Earl Thurston, organist.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,
Jimmy Joy's orchestra; 8:30-9:30, Rea Numnallee and
Van Alstyne.

WHAS, Louisville. Ky. (399.8m-1000kc), 7:30-9 p. m.,
Virginia Vetter's entertainers.

WHAS, Louisville. Ky. (399.8m-1000kc), 7:30-9 p. m.,
Virginia Vetter's entertainers.

WHB, Kansas City. Mo. (365.6m-820kc), 7-7:30 p. m.,
Morrill Moore, organist; 8-9, musical play, Lela Ward
Gaston; 9-10, program. Drakonstolle.

WHO, Des Moines to Cambridge Confessor, 19-12,
Bankers Life Corn Sugar orchestra; Life trio; 11-12,
Bankers Life Corn Sugar orchestra, 8-30 p. m.,
Cooper's Hawalians.

WOAI, San Antonio, Tox. (394.5m-760kc), 8:30 p. m.,
Mistletoe Melody Maldis.
WOAW, Can Androin, Tox. (394.5m-760kc), 8:30 p. m.,
Mistletoe Melody Maldis.
WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., organ;
6:50, Randail's Royal Fontenelle orchestra; 9, classical,
wOC, Davenport, Lova (493.6m-620kc), 5:45-5:55 p. m.,
ehimes concert; 6-9, WEAF; 9-9:30, musical program,
Moline Plowboys.

WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m., dinner
hour; 8-9, musicale; 9:30-10:30, Dyo studio.

WSB, Atlanta, Ga. (428.3m-700kc), 8 pm., Smith
Sacred Singers; 10:45 Charles A, Sheddon, organist.

Schilling's society serenadors; Radio Revelers, Liberty
theater orchestra.

WSOE, Milwaukee, Wis, (245.8m-1220kc), 7 p. m.,
dinner music; 8, Wisounsin Bible conference; 9, Lakefront studio program.

Mountain Standard Time Stations

Mountain Standard Time Stations

CNRC, Calgary, Can. (435.8m-688ke), 9 p. m., Hadyn male quartet; symphony orchestra.

KFXF, Colorado Springs, Colo. (250m-1200ke), 9 p. m., dance music.

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

Pacific Standard Time Stations

Palace string orchestra.

Pacific Standard Time Stations

KFI. Los Angeles, Calif. (467m-642kc), 7-8 p. m., program, students University of Southern California 3-9, Kunner string trio, Paul Lobanoff, tenor; 9-10, variety program; 10-11, Patrick-Marsh dance orchestra, Betty Patrick, solotst.

KFWB, Hollywoou, Calif. (252m-1190kc), 6-7 p. m., Pontiac Six dinner hour; 8-9, program, McGavin Brothers Bakery; 9-10, program, Dell's Ice Cream company; 10-11, Warner Brothers Frolic.

KGO, Oakland, Calif. (361.2m-830kc), 8-9 p. m., vacation prugram, touring information; Jerome Damonte, accordion soloist; Fishin' Jim Pike; WOW male trlo; 9-12, Brokaw and orchestra.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner concert; 8-10, vaudeville program, Four Sallors; Ebony and Ivory, piano duet; Motor Coach entertalners; Tommy Luke's Flower girls; 10-12, Cole McElroy's dance crhestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the children; 8-10, salon in honor of Charles Wakefield Cadman; 10-11, dance music.

KJR, Seattle, Wash. (384.4m-780kc), 8:30-10 p. m., orchestra; 10-10:30. Benjmin Franklin Electric company; 10:30-12, Keep Jow Radiating Order of Bats.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., program, Wright, Alexander and Greeley; 8-9, Willys-Overland dealers; 9-11, KNX feature program; 11-12, Anbassador hotel dance orchestra.

KPO, San Francisco, Calif. (428.3m-790kc), 6:30-7 p. m., States Restaurant orchestra; 7-7:30, Rudy Seiger's Fairmont hotel orchestra; 8-9, program, Caswell Coffee company; 9-10, saxophone band; 10-11, Cabbria cafe dance orchestra.

dance orchestra.

KPSN, Pasadena, Calif. (315.6m-950kc), 6-6:15 p. m.,
dinner time news; 8-9. Pasadena Chamber of Commerce.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m.,
program.

#### Friday, June 18

Headliners Today

If 10 9 8 7 WBAL (245.8m-1220ke), Municipal band concert.

Friday, silent night for: CFAC, CKAC, CKNC, CKY, CNRC, CNRM, CNRO, CNRR, CNRW, KFAU, KFWA, KFXF, KLDS, KPRC, KPSN, KSAC, KWSC, PWX, WBBR, WCAD, WCBD, WEAO, WGBS, WGST, WHAZ, WIF, WJAZ, WKRC, WLW, WUWL, WTAM, WSAI, WSMB, WSUI, WTAM.

## Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving
Time Stations

CNRA. Moncton, Can. (312.4m-960kc), 9 p. m., Sunbeam club orchestra; 11, CNRA dance orchestra.

CNRT, Toronto, Can. (355.9m-340kc), 6:30 p. m., King Edward hotel concert orchestra; 10, Philharmonic quartet; 11, King Edward hotel dance orchestra.

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., Sylvia Solow, violinist; 7:45, Sophie Schall Thies, soprano; 8, Great Artist organ recital; 9, Fred Gerrold. baritone; 9:15, Philhip Fey, tenor; 9:30, Reinhold Rieschick, bandonlon soloist; 10:05, Shell Beach trio; 10:25, Southland dance orchestra; 11:02, Southland dance orchestra.

WBAL, Baltimore, Md. (245.8m-1220kc), 6:30-7:30 p. m. WBAL, dinner orchestra; 8-9, concert; 9-10, municipal band.

band. WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, studio program; 9:30, concert; 10, WGAL, Pittsburgh, Pa. (461.3m-550kc), 6:30 p. m., dinner concert; 8, studio program; 9:30, concert; 10, WEAF; 10:30, WEAF; WGAU, Philadelphia, Pa. (277.6m-1980kc), 6:45 p. m., Hotel Pennsylvania concert orchestra; 7:30, Snellenburg instrumental tric; 8, Sullivan Brothers; 8:15, Enrico Aresoni, tenor; 8:30, Singing Groundhog; 8:45, Dwight Strickland, "poetician;" 9. Regina Crooners: 9:15, Nusco Jolly Four; 10, Archie Lloyd, Tille Shapiro and Kathryn Jordan, harmony songs; 10:30, Myers Musical Architects.

WCSH, Portland, Me. (256.3m-1170kc), 10:30 p. m., WFAE

Strickland, "poeticlan;" 9. Regina Crooners; 9:15, Nasco Jolly Four; 10, Archie Lloyd, Tille Shapiro and Kathryn Jordan, harmony songs; 10:30, Myers Musical Architects.

WCSH, Portland, Me. (256.3m-1170kc), 10:30 p. m., WEAF.
WEAF. New York, N. Y. (491.5m-610kc), 6-12 midnight, dinner music; Gene Ingraham and his Great Top Notch Inn ochestra: Whittal Anglo-Persians; Ben Bernie and his orchestra; Pelham Heath Inn orchestra.
WEBJ. New York, N. Y. (272.6m-1100kc), 7 p. m., Blue Beil serenaders; 7:30, Luna's Kniekerbocker Grill orchestra; 8. Fanny Jacobs, soprano; 8:15, Sigmund Brunislav, tenor; 8:30, Luna's Marine band, WEBJ, Roston, Mass. (348.6m-860kc), 7:30 p. m., Whiting Milk company program; 8. musicale; 8:30, Sandy MacParlane; 9. Musical Chef; 9:30, WEAF; 10:30, MacParlane; 9. Musical Chef; 9:30, WEAF; 10:30, D. MacParlane; 9. Musical Chef; 9:30, WEAF; 10:30, G. dance orchestra.
Web Grander Strafford concert orchestra; 7, Bellevue Stratord Concert orchestra; 7, Bellevue Stratord Grander orchestra; 10:30, WEAF; 10:30, WE

Eastern Standard or Central Daylight

Eastern Standard or Central Daylight
Saving Time Stations
KDKA, Pittsburgh, Pa. (309.1m-970ke), 5:30 p. m.,
Art Glies Everglad orchestra; 8:30, KDKA trio.
WBBM, Chicago, Ill. (225.4m-130ke), 8-10 p. m.,
Art Glies Everglad orchestra; 8:30, KDKA trio.
WBBM, Chicago, Ill. (225.4m-130ke), 8-10 p. m.,
Safety First playlet; Hazel McBroom, contralto; Alemite High Pressure orchestra; Vanity Fair orchestra.
WZ, Springfield, Mass. (333.1m-900ke), 6 p. m., Hotel
Lenox ensemble; 6:333, Rob Patterson's Hotel Kimball
trio; 8, Tuesday Morning Music club; 9, quartet; 9:30,
Hotel Brunswick orchestra.
WCAP, Washington, D. C. (468.5m-640ke), 6:55-8 p. m.,
studio program; 8-8:30, special Father's Day program;
9-9:30, WEAT; 9:30-10:30, studio program.
WEBH. Chicago, Ill. (370.2m-810ke), 7 p. m., Osborn's orchestra; Bernard Weber; Paulino Sachs; 9,
Osborn's orchestra; Bernard Weber; Paulino Sachs; 9,
WENR, Chicago, Ill. (370.2m-810ke), 6-7 p. m.,
Rauland lyric trio; 8-9, Moody Bible Institute hour;
9-10, Arthur Dunas, popular program; 12-2 a. m.,
midhite frolle.
WGES, Oak Park, Ill. (249.9m-1200kc), 5-7 p. m., oldtime favorites, Art Bilquist, Will Rossiter, Pat Ryan,
Peggy and Esther, Eddie Freekman; 8-9, Joe Warner,
Jole Walsh, Tom Whiceler, Melody Girls; 11-1 a. m.,
Clarence Theders, Billy Fagan, Esther Richards,
Mrs. Howard Moore, organist.
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner
concert; 10-11, WGHP entertainers; 11-12, Skylark
dance band; Albertine Schmittike, soprano; 12-1-a. m.,
Gerald Marks' orchestra.
WGN, Chicago, Ill. (302.8m-990kc), 6:35-7 p. m., pusical program; Drake concert ensemble, Blackstone
atring quintet; request program; 7:15-8:15 Paul Ash;
3:15-9:30, quartet; 9:30-10, Plantom violin; 10-10-10,
Sam 'n' Henry; 10:10-11, musical program; ensemble,
WGY, Schenectady, N. Y. (377.5m-790ke), 6 p. m., Hotel
Vun Curler orchestra; 6:35, WGY orchestra; 7:15,
10:10-11, Sum, France, Contenting, Sum, Minner
program, Maud L. Wellin, soprano.
WHT, Chicago, Ill. (398.8m-750ke), 7 p. m., Al Carney;
10:15 (23

10.15 (238m-1200ke), Cinderella eafe orchestra; 10:30 (399.8m-750ke), Snaheam Girl; 12 midnight, your hour league.

WHO. Chleago, III. (225.4m-1330ke), 6-8 p. m., dinner program, string trio; Charlotte Edwards, contralto; 10-2 a. m., popular program; Ted Fforito, planist; Dan Jusse, violinist; songs, monologues; Tony Corcora; Makee and Johnson.

WHAZ Chleago, III. (329.5m-910ke), 9-12 mid., Earl Hofman's Chez Pierre orchestra; The Quips that Harden and Johnson.

WHAZ Chleago, III. (329.5m-910ke), 9-12 mid., Earl Hofman's Chez Pierre Hawaiian quartet.

WJD Mosscheart; III. (370.2m-810ke), 5:30-7 p. m., and Nesoneart; III. (370.2m-810ke), 5:30-7 p. m., and Nesoneart; III. (370.2m-810ke), 5:30-7 p. m., and Nesoneart; III. (370.2m-810ke), 5:30-7 p. m., settin Uper, Falmer House Victorians; 12:30 a. m., Settin Uper, Falmer House Victorians; 11:11:20, Cerrell and Gosden; 13:40 Greenma Protectors.

WLIB, Chicago, III. (362.9m-990ke), 77:05 p. m., Million stag; 7:95-7:15, 21d fashioned almanack; 11:11:20, Correll and Gosden; 13:40 m., Liborty studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's Drake hotel dance orchestra; Fred Hamm's Purple Grackle orchestra.

WMAQ, Chicago, III. (44.5m-670ke), 6 p. m., Chicago theater organ; 6:30, Wide-Awake club program; 8, mustend program; 8,

sleal program; 8:30, Whitnoy trio; 9:20, musical program, chimes.

WMBB, Chicago, III. (249.9m-1200kc), 7-8 p. m., Trianon duo, special artists, old-time songs; 9-11, Trianon onchestra; trio; Krueger and Dillon, banjo barons; Joe Warner, popular program.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Thiszt"; 9:15, classical concert, Emma Scott Sweet, director; 10:05, Edith Sanders, pianist.

WOK, Chicago, III. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble concert; 10-1:30 a. m., Tearney's Town club orchestra; Midway Garden orchestra; Capitol theater program.

orchestra; Midway Garden orchestra; Capitol theater orchestra; Midway Garden orchestra; Capitol theater WoRD, Batavia, III. (275.1m-1090ke), 7 p. m., North More Inc; 3, station program.

Wal, Chicago, III. (447.5m-670ke), 7-8 p. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; Dr. H. Lucille Long, woman harmonica player; Muriel Olsen; Johnny Poat.

WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Va. (256.5m-1170kc), 7 p. m., dinner music; 8:10. Old Country Fiddlers; 8:46, Dorothy Dick, violinist; Jule Hardy, planist; Claire Dixon, singer-reader; 10. Hotel Richmond dance orchestra; 11, Carry Mo Back to Old Virginny.

WSWS, Chicago, III. (275.1m-1090ke), 6-7 p. m., Josephine Oliver; Edward Holt, planist; Alice Mario Martel; Fay and Martel; 8, Gus Edwards orchestra; Borden Brothers; Harmony Douglas Bowers; John

## FATHER'S DAY OVER WEAF CHAIN

#### Friday, June 18

Clark; 10, Terrace Garden quintet; Ruth Boutay; Sid Pierson; Freddie Wittmer; Flo and Ray; 12-1 a. m., Witching hour.
WTAM, Cleveland, Ohio (389.4m-770kc), 6:45 p. m.,
Hotel Cleveland orchestra; 8, orchestra program; 9:30,

Hotel Cleveland orcnesura, o, orcnessa; with the program.

WTIC, Hartford, Conn. (475.9m-630ke), 6:50 p. m., Laura C. Gaudet, pianist; 7:15, Joseph Waas, bass; 7:30, Colt's Park Municipal orchestra; 8:30, Mildred Warner, soprano; Rober Young, barttone; 9, Mr. and Mrs. Phillip Shailer; 9:30, WTIC mail bag; 9:45, New York College (1998), 1998

Mrs. Frillip Sharter, 5.55, Debutants.

WWJ. Detroit, Mich. (352-7m-850kc), 6 p. m., dinner concert: 8. News orchestra; 9. WEAF.

Central Standard Time Stations Central Standard Time Stations
KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; S:30-9, Budck Little symphony orchestra; 9-10, Beck's orchestra.
KFDM, Beaumont, Tex. (315.6m-950kc), 7:30-8 p. m., band; 8-10, artists.
KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., piano playing contest; 7-8, musicale.
KFKX, Hastings, Nebr. (283.8m-1040kc), 9-11 p. m., program, L. B. Conklin orchestra.
KFMF, Shenandosh, lowa (263m-1140kc), 7:30 p. m., Widney Sisters.
MA, Shenandosh, lowa (252m-1190kc), 9-11 p. m..
De Luxe program.

Widney Sisters.
KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m..
De Luxe program.
KMMJ, Clay Center, Nebr. (288.9m-1310kc), 8 p. m.,
varied musical program.
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m.,
organ recital, Jacquinot Jules; 7, orchestra, popular
music, saxophone quintet; Mary Jane, ukulele soloist;
Erwin Thurman, Frank Suda, whistlers; 8, orchestra,
light opera selections; 9, soloists; 9:30, "Bamalogue";
10, orchestra, music lover's hour, classical selections,
Helen Musick, dramatic soprano.
KSO, Clarinda, Iowa (241.8m-1240kc), 8 p. m.,
music; 8:10, special report; 8:30, Baker and Anderson
harmony team; 8:30, Menthol twins.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc),
9:10-10 p. m., special request hour, Meyer Davis staff
artists; 10-10:45, dance froite, Como hotel roof
gardon.

artists; 10-10-45, dance frolic, Como hotel roof garden.

KYOO, Bristow, Okla. (374.8m-800kc), 6-9 p. m., Josephine Storey-White.

KYW, Chicago, HI. (535.4m-560kc), 6 p. m., musicale; 7-8, Federal Masters; 9:30-11. Congress carnival.

WAMD. Minneapolis, Minn. (243.8m-1230kc), 7:10 p. m..

Radisson concert ensemble; John Charles Santley, buritone; II. Skyrocket frolic, Golden Gate orchestra.

WBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-88-30 p. m., Panther Hawaiian trio; 9:40-11, concert. employees, Fort Worth National bank; 11-12, musicale, Mrs. Conrad Fath.

WCCO, Minneapolis-St. Paul, Minn. (416.4m-720kc), 6:15 p. m., St. Paul hotel concert orchestra; 8, WEAF; 8:30, musicale; 10:05, Nankin cafe orchestra.

WCOA, Pensacola, Fla. (222m-1350kc), 7-10 p. m., Mrs. Sybil Mitchell, pianist; Eddic Collins, saxophonist; First Methodist church cholr; Rainbow dance orchestra.

With the state of the state of

WGBF, Evansville, Ind. (236.1m-1270kc), 7 p. m., A. L. Maxwell company; 8, classical; 11, D-X hunting

club.
WHAS, Louisville, Ky. (399.8m-1000ke), 7:30-9 p. m., concert. Liberty Insurance bank.
WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., Sweeney Radio orchestra.
WHO, Des Moines, lowa (526m-570ke), 7:30-9 p. m., Grant Anderson, violinist; Ruth Rollin, soprano; Stewart Watson, baritone; Dessa Wolf, planist; 11-12. Philbreck and his Younker Tearroom orchestra.
WMC, Memphis, Tenn. (499.7m-650ke), 8:30 p. m., Hotel Gayoso orchestra; 11, Clarence Saunders' entertainers.

Hotel Gayoso orchestra; 11, Clarence Saunders' entertainers.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m..
San Antonio College of Music program or Walter
Dunham Harmonologue.

WOAW. Omaha, Nebr. (526m-570kc), 6 p. m.. music
review, Hester Bronson Copper; 6:50, Jaffy and Bravreview, Hester Bronson Copper; 6:50, Jaffy and Bravrioff; 9, Puritan program.

WOC, Davenport, Iowa (483.6m-620kc), 5:45-5:55 p. m..
chimes concert; 7-7:30, WEAF; 8:30-9:30, musical program; Mrs. John Malloy, soprano; Fay Pasarman,
planist; Emil Hass, reader,
WOS, Jefferson City, Mo. (440.9m-680kc), 8:20 p. m.

Voc Latty and band.

WRR, Dallas, Tex. (245.8m-1220kc), 6-7 p. m.. dinner
hour; 8-9, Beaumont Magnolia band; 11-12, musicale.

WSB, Atlanta, Ga. (426.3m-700kc), 8 p. m., concert;
10:45, concert.

10:45, concert. WSBT, South Bend, Ind. (275.lm-1090kc), 7-9:30 p. m.,

contert.

WSM. Nashville, Tenn. (282.8m-1060ke), 7 p. m., dinner concert. Andrew Jackson botel trio; 8. Peabody College ensemble singers; 10 violin and piano recital.

WSOE. Milwaukee. Wis. (245.8m-1220ke), 7 dinner music; 7:45, Radio Mass singing; 9, Candygram revue.



Lon Chassy, is the "Big Chief" of eight-een KTHS staff artists. His ensemble is heard several times a week. Mr. Chassy also gives monthly solo recitals.

Mountain Standard Time Stations
CNRE, Edmonton, Can. (516.9m-580kc), 8:30-10:30
p. m., Edmonton operatic company.
KFXF, Colorado Springs, Cofo. (250m-1200kc), 8 p. m.,
Mrs. Henry Schultt, soprano; Mrs. Rolla Tolson, contralto; Mirs. Stanley Effinger, soprano; Mrs. Fred
Graves, contrallo.
KOA, Denver. Colo. (322.4m-930kc), 6:30 p. m., Brown
Palace string orchestra; 8, Scheuerman's Colorado orchestra; 8:15, Opus Thirteon club; violin pupils,
Howard Reynolds.

Howard Reynolds.

Pacific Standard Time Stations

CNRV. Vancouver. Can. (291.1m-1086ke), 9 p. m.,
Marion Copp. contraito; Kenneth Ross, planist; Paul
Ebritch, violinist; 10:30, Cabaret Belmont orchestra.

KFI, Los Angeles, Calif. (467m-642ke), 7-7:30 p. m.,
Carlyle Stevenson's orchestra; 7:30-8, Fdipo Delgado's
Media Hora Esbanola; 8-9, Acolian organ; 9-10, varied
program; 10-11. Packard ballad hout.

KFWB, Hollywood, Calif. (225m-1196ke), 6-7 p. m.,
Pontlae Six dinner hour; 7:30-8, program, Paralta

studios; 3-9, program, John Wright. The Right Tailor; 9-10, studio program; 10-11, Warner Brothers frolic. KGW, Portland, Ore. (4915m-610ke), 6-7 p. m., dince concert; 8-9, vocal and instrumental concert; 9-10:30, vocal and instrumental; 10:30-12, frolic, Keep Growing Wiser Order of Hoot Owls, Pantages stars, features. KHJ, Los Angeles, Cailf. (405.2m-740ke), 6:30-7:30 p. m., Children's hour with Uncle John; 8-10, Times de luxe program; 10-11, dance music. KJR, Scattle, Wash. (384.4m-730kc), 8:30-10 p. m., Post Intelligencer studio program; 10-11, Nute Motor company.

Post Intelligencer studio program; 10-11, Nute Motor company,
KLX. Oakland, Calif. (508.2m-590kc), 8-9:45 p. m.,
studio program, Pigely Wiggly company; 9:45-10:30,
Athens Athletic club orchestra.
KNX Haltywood. Calif. (336.9m-890kc), 7-8 p. m.,
Bad Egg club; 8-9, Jell-X-Cell program with Charlie
Melson's Playboys; 9-10, Order of Optimistic Donuts;
10-11, Pighis, Hollywood American Legion stadium;
11-12, Ambassador hotel dance orderstra.
KPO, San Francisco, Calif. (428.3m-700kc), 6:30-7 p. m.,
States Restaurant orchestra; 8-9, James Lono's Hawatian orchestra; 9-10, Palace Hotel Rose room dance
orchestra; 10-11, States Restaurant orchestra.
KTAB, Oakland, Calif. (239.9m-1250kc), 8-10 p. m.,
program.

#### Saturday, June 19

Headliners Today

| Headliners | Oday | Atlantic | Eastern | Central | Mountain | 7:40 p. m. 6:40 | 5:40 | 4:40 | 3:40 | 4:80 | 8:30 | 7:30 | 6:30 | 5:30 | 4:30 | 0:50 | 9:50 | 8:50 | 7:30 | 6:50 | 7:30 | 6:50 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 6:50 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 | 7:30 WOAW (526m-570kc), Junior Chamber of Commerce i2 m. 11 10 9 8 WKRC (422.3m-710kc), Sam Jones, Cincinnati Stove-

pipe. 12:10 a.m. 11:10 10:10 9:10 IGO (361.2m-830kc), "Rob Roy." 12:30 11:30 10:30 9:30 KTHS (374.8m-800kc), French harp tunes.

9:30, dance orchestra; 11:30, Elks home dance or-Eastern Standard or Central Daylight

Saving Time Stations

KDKA, Pittsburgh, Pa. (309, Im-970kc), 5:80 p. m.,
dinner program; 8:30, Westinghouse band.
WBBM, Chicago, III. (225.4m-1330kc), 8-2 a. m., Alemite orchestra; Ziegler Stars; Alemite orchestra; Vanity

WBBM Chicago, III. (225.4m-1330kc), 8-2 a. m., Alemite orchestra; Ziegler Stars; Alemite orchestra; Vanity Fair orchestra.

WBZ. Springfield, Mass. (333.4m-900kc), 6 p. m., Capitol theater orchestra; 6:33, Manuel DeHaan, pianist; 7:30, Fitchburg night; 8:30, Max Krulee's orchestra; 9, The Bon-Ton banioists.

WEBH, Chicago, III. (302.2m-810ke), 7-8 p. m., songs, Frank Greif; 9-10, Edgewater Beach hotel orchestra; 11-12 midnight, orchestra; Kay Konayne; 1 a. m., orchestra; 1-2, frolle.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., orchestra; 1-2, frolle.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., American Pioneers; 12-2 a. m., midnite frolic.

WESS, Oak Park, III. (249.5m-1200kc), 5-7 p. m., Paradise plane; Eddle Freekman; 8-9, Guyon's Paradise ballroom orchestra; 11-1 a. m., Peggo O'Neil, Esther Richards, Casey and Gervals; Jack Lavin, Earl Hayden, Louis Panico, Guyon's Paradise ballroom orchestra; Bobby Lee.

WGN, Chicago, III. (302.8m-990kc), 6:35-7 p. m., musical program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8-8:10, Auld Sandy; 8:10-8:30, musical program; 8-8:10, 10:10, Sum 'n Henry; 10:10-11, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 7:30 p. m. Navy night, WRC, WJZ; 9:30, Hotel Sagamore or chestra. WHAM night, WI a. WHAM.

Navy night, WRC, WJZ; 9:30, Hotel Sagamore orchestra, WHAM.

WHT, Chicago, III. (399.8m-750kc), 7:10 p. m., Al Carney, organist; 7:40, classical hour; 10:15 (228m1260kc), Cinderella cafe orchestra; 10:50 (399.8m
750kc), Jack Turner, popular singer; Irene Smith; Pan
Dandy trio; Badger Four male quartet; 12 midnight,
your hour league.

WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner
concert; string trio; Frances Schiebe, soprano; Evelyn
Elliott, contralto; James Luschanski, trio.

WIAZ, Chicago, III. (329.5m-910kc), 9-1 a. m., Earl
Hoffman's Chez Pierre orchestra; Mile. Liseuse,
graphologist; program of late popular hits; Chez
Plerre Hawaiian quartet.

WJID, Mooseheart, III. (370.2m-810kc), 5:40-7 p. m.,
dinner concert, Howard L. Peterson; 8-9, Palmer
House Victorlans; Isabel DeFaut; Simeon Oliver,
pianist; 10-11, Palmer House studio; Palmer House
Victorians; Cook Sisters; 12-1 a. m., settin up hour.
WJR, Populaa, Mich. (516.9m-580kc), 7 p. m., Jean
Goldkette's serenaders; 9:30, Caspar Lingeman; 11:30,
Merry Old Chief.



Just think what the WBAP station looks like when this crew of merry maids arrive. They are called Hazel Boyer's Twentieth Century Girls orchestra and are as captivating to look upon as they are to hear.

Saturday, silent night for: CNRA, CNRC, CNRE CNRM, CNRR, CNRT, CNRV, CNRW, KFKU, KFKS, KFRU, KFUO, KFXF, KMA, KOAC, KSAC, KSA KTAB, KWSC, WABQ, WBAL, WCAL, WCX, WEBI, WGBF, WGCP, WGRP, WGST, WHA, WHAD, WHAZ, WHN, WHO, WIP, WJAR, WLIT, WLWL, WOS, WRVA, WTAG, WTIC, WWJ.

## Atlantic or Eastern Daylight Saving

Time Stations

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

CKAC. Montreal, Can. (410.7m-730kc), 7:15 p. m., Windsor hotel dinner hoor; 8:30, to be announced; 10:30. Windsor hotel dance program.

WAHG. Richmond Hill, N. Y. (315.6m-950kc), 12 mid., midnight variety program.

WBBR, New York, N. Y. (272.6m-1100kc), 8 p. m., Prof. Charles Rohner, violinist; L. Marion Brown, soprano.

prano.

WCAE. Pittsburgh. Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8:30, concert.

WEAF, Now York, N. Y. (491.5m-610kc), 6-12 mid., dinner music; Sofia Seitz. contraito: musical comedy hits; orchestra; Goldman band concert; "The Buffalodians"; Yincenf Lopez orchestra.

WEEI, Boston, Mass. (348.6m-760kc), 7:40 p. m., Lucerne-In-Mainc quintet; 8:15, pop concert, Symphony hall.

falodians?; Vincené Lopez, orchestra; WEEI, Boston, Mass. (348.6m-760kc), 7:40 p. m., Lucerne-In-Maine quintet; 8:15, pop concert, Symphony hall.

WFI, Philadelphia, Pa., (394.5m-760kc), 6:30 p. m., Believue Stratford concert orchestra; 7, Believue Stratford dance orchestra; 8:30, recital; 11, Believue Stratford dance orchestra; 8:30, recital; 11, Believue Stratford dance orchestra; 8:30, recital; 11, Believue Stratford dance orchestra; 8:30, cerald Goldwater. baritone; 7:35, Vincent Sorey concert trio; 7:45, Royal Arcadians and William C. Pike's orchestra; 10:30, Arrowhead Inn orchestra.

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

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8:30, program from Marine studio; 8:45, Creatore and his band; 9:30, Charles Pry's dance orchestra from Million Dollar Pier; 10, Nick Nochols orchestra from Garden Pier; 10, Nick Nochols orchestra from Garden Pier; 11:03, organ recital, Germantown theater.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Madison concert orchestra; Compressional Forum from WRC; 8:30, U. S. Navy night, WRC, WGY; 11, Hotel Mayllower dance orchestra, WRC.

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

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

WMCA, New York, N. Y. (265.3m-1130kc), 7:30-8:30, p. m., musicale; 8:30-10, concert.

WMCA, New York, N. J. (405.2m-740kc), 6:30 p. m., Adelphia Roof Garden dance orchestra.

WOB, Newark, N. J. (405.2m-740kc), 6:30 p. m., Adelphia Roof Garden dance orchestra.

WPG, Atlantic City, N. J. (298.3m-1000kc), 6:40, m. Arthur Scott Brook, organist; 7, Hotel Morenstan, 12. McCalline Golden and Inference or Commerce of Orange; 11, Crystal Falace orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:40, m. Arthur Scott Brook, organist; 7, Hotel Morenstan, 12. McCalline Golden and Inference orchestra.

WPG, Atlantic City, N. J. (299.8m-1000kc), 6:40, m. Arthur Sco

wkrc, Cincinnati, Ohio (422.3m-710kc), 10 p. m., Bernie Cummins orchestra; 11. Sam Jones; 11:15, Bernie Cummins orchestra; 11. Sam Jones; 11:15, Bernie Cummins orchestra; 11:40, classical music. WLIB, Chicago, 111. (302.8m-990kc), 7-7.05 p. m., million sing; 7:15-7:30, Drake concert ensemble; Blackstone string quintet; 7:30-8, Drake concert ensemble; Blackstone string quintet; 7:30-8, Drake concert ensemble; Patison Coates, baritone; 11-11:20, Correll and Gosden; 11:20-1 a. m., Ambrose Larsen, organist; Purple Grackle orchestra.
WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., organ concert classics, Johanna Grosse; 7:30, inecting of the Seekstary Hawkins Radio club; 8, interval of popular requests, Johanna Grosse; 8:30, Eagle quartet; 9, Henry Theis' Famous Castle Farmers.
WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, Twins contest; 8:30, photologue; 9, Chicago theater revue.
WMBB, Chicago, III. (249.5m-1200kc), 7-8 p. m., Trianon ensemble; Preston Graves, planist; 9-11, Trianon orchestra; Woddawn theater orchestra; but with the semble; Jimmy Eggert; Andy Anderson; Trianom syncopators.
WOK, Chicago, III. (219.7m-1360kc), 4:30-7 n. m., Capitol theater organ; ensemble; studio program.
Capitol theater organ; ensemble; studio program, 10-1 a. m., Tearney's Town club orchestra; Capitol theater program; 1-2, orchestras.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Elizabeth Barker Van Campen hour of nusis; 10:05, Bob and Hazol McOsker, Harold DeWindt; Freddio Gleason, Jerry Roach; 10:35, Chuck Helwegen's Ramona Gardens orchestra.
WGFD, Batavia, III. (275.1m-1090kc), 7 p. m., Webster hotel concert program; 9, studio program.
WGFD, Batavia, III. (275.1m-1090kc), 7 p. m., work of congress; 7:30, U. S. Navy band, WJZ; 8:30, to be announced; 10, dance program; 11, Otto F. Beck, organist.
WEO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenders; 10-12, Speed-Wagon serenders;

ganist. WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; 10-12, Speed-Wagon sere-

Speed-Wagon serenaders; 10-12, Speed-Wagon serenaders.

WSA1, Cincinnati, Ohio (325.9m-920kc), 8 p. m., chimes 8:30, Bicycle playing card sextet; 12, popular program. WSWS, Chicago, Ill. (275.1m-1090kc), 6 p. m., Terrace Gardens orchestra; Jean Duncan, contraito; Ruth Burnell, pianist; Connie Cerwin, ballads; 8, Woodmar male quartet; Pat Deely tenor; George Calder, hass; 10, Terrace Gardens quintet; Cook Sisters; Art Billquist; Zola Haynes; Ned Becker, humorist; Flo and Ray; Josephine Oliver, violinist; 12-1 a. m., Witching bour. WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Collegian serenaders; 7:30, suddo program; 8, Hollenden hotel orchestra; 9, Ev Jones and his gang.

Central Standard Time Stations

KFAB, Lincoln, Nehr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, variety program. KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., piano playing contest; 7-8, artists program. KFNF, Shenandcah, lowa (263m-1140kc), 11 p. m., old-KFNF, Shenandcah, Iowa (200m-1190-8).
time music.
KLDS, Independence, Mo. (440,9m-680kc), 11 a. m.
Stone church service; 3 p. m., studio program; 6:30,
vesper service; 3:15, studio service.
KMA, Shenandcah, Iowa (252m-1190kc), 9:11 p. m.

musical features.

KMMJ. Clay Center, Nebr. (288.9m-1310kc), 8 p. m. orchestra.

KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., organ recital, Jacquinot Jules; 7, orchestra; 8, orchestra, light opera solections; popular songs, 15va Sirves, 9, soloists; 9:30, soloists; 10, chimes, Olde tyme con-

gert.

KPRC, Houston, Tex. (296.9m-1010ke), 8 p. m., Frank Tilton, blind worder boy planist; 10:30, Harold Oxley's Warwick hotel orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:10-9:30 p. m., Mrs. Byrd Rigsby, contralio; 9:30-10. French harp tunes, William Hinton; 10-11, Mercular Davis orchestra.

KVOD, Bristow, Okla. (374.8m-800kc), 6-9 p. m., Marshall Van Pool and his Radio orchestra.

KYW. Chicago, III. (335.4m-560kc), 6 p. m., hour of music; 7, KYW's Congress hotel studio; 8-9:30, classical concert; 9:30-11, Congress earnival.



KFXF. the Pike's Peak station is proud to claim Tommy Green, Irish tenor, as a staff artist.

WAMD, Minneapolis, Minn. (243.8m-1230ke), 6:30 p. m., Liberty quartet; 7:15, popular musical twins; Har-mony twins, Fred Roble. Bob Michor; Ruth Hokans, contratto; Carl Haubrich, barltone, uke soloist, WBAP, Fort Worth, Tex. (475.8m-630ke), 9:30-11, Sun-

flower Girl.

WCCO, Minneapolis-St. Paul. Minn. (416.4m-720kc), 6:15 p. n., Emmet Long's Golden Pheasant orchestra, 8:15. musicale; 10:05, Emmet Long's Golden Pheasant

6:15 p. m.; chimfer Long's Gother Pheasant overhestra;

\*\*WDAF\*\*, Kansas City, Mo. (365.6m-820kc), 6-7 p. m.,

\*\*Ted Mcyn. organist; Zez Confrey's orchestra; 11:45-1

a. m., Kighthawk Folic.

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

simmy Joy's orchestra; 8:30-9:30, Mozart choral club,

11-12, Jack Gardner's orchestra.

\*\*WHAS, Louisville, Ky. (399.8m-1090kc), 7:30-8:30 p. m.,

concert, Mrs. J. W. Chase and Nicholas Bohn; 8:30-9,

introducing the largest whistle in the world.

\*\*WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m.,

Memphis Plectrum orchestra.

\*\*WOAW\*\*, Omaha, Nebr. (326m-570kc), 6:50 p. m., orchestra; 7:15, Creighton educational period; 9, Junior Chamber of Commerce Funcasters; 10, organ.

\*\*WOC, Davenport, Iowa (483.6m-620kc), 5:45-5:55 p. m.,

chimes concert; 9-10, musical program; Meiodie Monarch, and the Course of the Course of

archs.

WHR. Dallas, Texas. (245.8m-1220kc), 6-7 p. m., dinner hour concert; 8-9, musicale.

WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., Atlanta Atwater Kent hour; 10:45, Journal Hired Help Sky-

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., dinner concert, Andrew Jackson hotel trio; 8, popular and barn

with the program. La. (319m-940kc), 8:30 p. m., Theudore Koell and associate artists.

WSMB. New Orleans, La. (319m-940kc), 8:30 p. m., Theudore Koell and associate artists.

WSOE. Milwaukee, Wis. (245.8m-1220kc), 7 p. m., Elks eith studio), 8:30, Sunday school lesson; 9, Lakefront studio program.
/SUI, lowa City, lowa (483.6m-620kc), 7:30 p. in.,
William G. Edmondson, tenor.

Mountain Standard Time Stations

KFXF, Colorado Springs, Colo. (250m-1200kc), 8 p. m., Edgar Laughlin, baritone; Luclada Shutt, contralto; Evelyn Bissell, pianist.

Pacific Standard Time Stations

(FI. Los Angeles, Calif. (467m-642kc), 7-8 p. m., Al Wesson's orchestra; 8-9, Angelus trio; 9-10, Elnora Radier, contralto; Evelyn Ford, violinist; 10-11, Packard Radio club in popular songs; 11-2 a. m., KFI midsight froil

Redio club in popular songs, 11-2 a. a., a., a., a., a., infath frolle.

(KFWB, Hollywood, Calif. (252m-1190ke), 6-7 p. m., Pontiac Slx dinner hour; 8-9 p. m., program, Smith Investment company; 9-11, Warner Brothers frolle.

(KGO, Oakland, Calif. (361.2m-830kc), 8-10 p. m., Baldwin Piano company; Radiart trio; August Johnson, barttone; Allce Guthrie Poyner, violinits; Flora Howell Bruner, soprano; "Rob Roy," romantic could opera; 10-12:30, dance music.

10-12:30, dance music.

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

KHJ, Los Angeles, Calif. (405.2m-740ke). 6:30-7:30 p. m., Uncle John and the children; 8-10, Tower studio progress 10-11 dance music.

KHJ, Los Angeles, Calif. (405.2m.740kc). 6:30-7:30 p. m., Uncle John and the children; 8-10, Tower studio program; 10-11, dance music. KJR, Saattle, Wash. (584.4m-780kc), 8:30-10 p. m. Savage concert orchestra. KNX, Hollywood, Calif. (336.9m-890kc), 7:30-8 p. m. program, Smith Investment company; 8-0, Luna Park program, 9-10, studio program; 10-11. Ambassador hotel dance orchestra; 11-2 a. m., Hollywood nite, Filmland frolic. KPO. San Francisco, Calif. (428.3m-700kc), 6:30-7:20 States Restaurant orchestra; 8-12. Cabhria cafe orchestra; Maurice Gunsky, tenor; Merton Bories, pianist.

#### Sunday, June 20

Headliners Today

gress. 9:15 8:15 7:15 6:15 5:15 WFAA (475.9m-630kc), Gibson Mandolin and guitar

WFAA (475.9m-630kc), Gibson Mandolin and guitar club.
WEAF (491.5m-610kc), WWJ (352.7m-850kc), WCO (416.4m-720kc), WGR (319m-940kc), WEEI (348.6m-860kc), WSAI (325.0m-920kc), WCAP (486.5m-640kc), Atwater Kent half hour. 9:30 8:30 7:30 6:30 5:30
WGBS (315.6m-950kc), Moscow Art theater. 11 10 9 8 7
KMOX (280.2m-1070kc), Missonri theater. KOA (322.4m-930kc), Open air concert. 11:30 10:30 9:30 8:30 7:30
WBAP (475.9m-630kc), Hired Hand's symphony orchestra. 12 m. 11 10 9 8
KHJ (405.2m-740kc), Orpheus Four. 12:45 a.m. 11:45 10:45 9:45 8:45
KPSN (315.6m-950kc), Maryland Artists' ensemble.

#### Sunday, June 20

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

#### Atlantic or Eastern Daylight Saving

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,
WBAL, Baltimore, Md. (245.8m-1220kc), concert orchestra.
WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m.,
dinner concert; 7:20, Capitol theater, WEAIF.
WCAU, Philadelphia, Pa. (277.6m-1080kc), 5 p. m., vecital; 5:15. undenominational church services; 5:35,
sermon, Rev. John W. Stockwell; 5:45, regital; 6:30,
Hotel Pennsylvania concert orchestra; 8, Bonwit Teller
ensemble.

sermon. Rev. John W. Stockwell; 5:45, regital; 6:30. Hotel Permsylvania concert orchestra; 8. Bonwit Teller consemble.

We have been service; 4-4:30, sacred music; 4:30-5:30, Fediarch service; 5:45, Atwater Ken, Radio hour, Allen McQuhae, GBS. New York, N. J. Daca Cowboy, composer.

WGBS. New York, N. Y. (3:15, Daca Cowboy, composer.

WGR, Buffalo, N. Y. (3:16), Daca Cowboy, composer.

WGR, Buffalo, N. Y. (3:16), Daca Cowboy, composer.

WHN, New York, N. Y. (3:6), 2m-830kc), 7:30, p. m., Calvary Evening scruice; 10:45, Jansson's Hofbrau orchestra; 12, Sophie Pucker's Playsround.

WIP, Philadelphia and Strumontal recital, St. James Episcopal church; 7:13, services, Holy Trinity church; 3:20, Hotel Ambascador concert orchestra; 9:45, concert from Steel Pier.

WJAR, Providence, R. I. (305.9m-980kc), 7:20, p. m., WEAF; 9:15, WEAF, WJAR, Providence, R. I. (305.9m-980kc), 7:20, p. m., WIJR, Philadelphia, Pa. (304.5m-760kc), 2, p. m., Park Avenue Baptist Church Carillou; 7:20, Hotel Pennsylvania concert orchestra; 10, Confere Ludwy, violinist, Ben Franklin concert orchestra; 6:30, organ recital; 7, Ben Franklin concert orchestra

#### Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

WBAL, Battimore, Md. (245.8m-1220kc), 7:30-8:30
p. m., WBAI, concert orchostra.

WBBM, Chicago, III. (225.4m-1330kc), 12:30-2 p. m.,
sacred concert; 4-6, music; 8-10, Melody hour; 12,
WCAP, Washington, D. C. (468.5m-640kc), 11 a. m.,
St. John's Episcopal church; 4 p. m., Peace Cross
service; 8:15-8:45, WEAF: 8:45-9:45, musicale.

WCBD, Zion, III. (344.6m-670kc), 9 m., Treble Cleff
chorus, cornet quartet; Florence Farrar, contralto;
Mark Whiteside, baritone; Mrs. S. Imman, sopiano;
Richard Hire, violinist; cornet duets, Messrs, Newconer and Stewart; Evleyn Schultz, Teader; Dorothy
Schad, pianist.

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

Seventh Church of Christ, Scientist; 7-9 p. m., artists' program.

WENR, Chicago, III. (265.3m-1130kc), 9:15 a. m., church services; 2-3 p. m., Skceles-Biddle hour of better music; 6-7, Moody Bible Institute Evening hour; 9:30-12, midnite froite.

WGES, Oak Park, III. (249.9m-1200kc), 10:30 a. m., M. E. church; 11:35-1 p. m., High Mass, Our Lady of Sorrows church; 5-7:40, Voxel trio; Casey and Gervais; Peggy O'Neil; Esther Richards, Sylvia Goldsmith, Joio Walsh, Frank Hayes; 11-1, Harry Davis.

Ray Hibbler, Melody Girls; Lew Butler, Frank Sylvano, Louis Panteo; Guyon's Paradise ballroom orchestra. WGHP, Detroit, Mich. (270. im-III0ke), 11 a. m., Grosse Pointe Memorial church.

WGN, Chicago, III. (302.8m-990kc), 6:35-7 p. m., musical program; 7-7:20, The Million Sing; 7:20-7:30, Old-Fashioned Almanack; 7:30-8, music; 8:15-8:45, WEAF; 8:45-9, music; 9-10, "Our Music Room"; 10-10:10, Sam 'n' Henry; 10:10-11, musical program; WGY, Schemectady, N. Y. (379.5m-790kc), 9:30 a. m., St. George's Episcopal church; 6:30 p. m., St. George's Episcopal church; 8, WEAF; 9, WJZ.
WHT, Chicago, III. (393.8m-750kc), 10:15 a. m., First M. E. church of Evanston; 2-4 p. m., prowram, Uptown Conservatory of Music; 6-8, dinner concert, string trio; Helen Snyder, Eugene Wallenius, Robert Wessling; 10-12, popular program, artists.

WID, Mooseheart, III. (370.2m-810kc), 7:45 a. m., Roman Catholic services; 9:40, Protestant services; 2:30 p. m., concert; 3:30, Bible class; 4-5, Paimer House symphony orchestra.

WIAZ, Chicago, III. (329.5m-910kc), 7-9 p. m. classical music program, Sanish Garden studic; Dangremond trio; Esther Goodwin, contralto; Storm Bull, pianist.

WJR, Pontiae, Mich. (516.9m-580kc), 10:30 a. m., First Baptist church.

WKRC, Gineinnati, Ohio (422.3m-710kc), 6:45 p. m., Walnut Hills Christian church; 10, Eugene Schmidt,

Baptist church.

WKRC, Cincinnati, Ohio (422.3m-710kc), 6:45 p. m.,
Walmut Hills Christlan church; 10, Eugene Schmidt,
baritone; Carolyn Schlosser, reader; Patricia Conway,
violinist; Eugene Perazzo, pianist; 11:15, Bernie Cummin's orchestra; 12, Marie Turner; 12:15, Swiss Gardans

voilinist; Eugene Perazzo, pianist; 11:15, Bernie Cummin's orchestra; 12, Marie Turner; 12:15, Swiss Gardens, WLIB, Chicago, III. (302.8m-990kc), 5-6:15 p. m., Edward Benedict, organist. WLW. Gincinnati, Ohio (422.3m-710kc), 9:30 a. m., Sunday school; 10:45, morning worship, Seventh Presbyterian church; 3 p. m., organ recital, Edward A. Fehring, organist; 7:30, services, First Presbyterian church; 8:30, Crosley Evening orchestra. WMBB, Chicago, III. (249.9m-1200kc), 7:40-9 p. m., Fiith Church of Christ, Scientist; 9-11, Trianon orchestra; Woodlawn theater orchestra; popular program. WOK, Chicago, III. (217.3m-1380kc), 6 p. m., -1 a. m., Tentrey's Town club orchestra; Midway Garden orchestra; Persbing Palace orchestra; Capilol theater musical program; ensemble; studio program. WOJ, Chicago, III. (447.5m-670kc), 10 a. m., People's church; 3-4 p. m., Mossiah Lutherau church choir, 8-10, Ratibo Gardens orchestra; Shepard Levine, tenor. WREO, Lansing, Mich. (235.5m-1050kc), 10 a. m., Belfry Plymouth Congregational church; 10:30, First Baptist church; 7:30, Central M. E. Church. Service; 7:45, church service; Rev. Philpott, 7-9:30, evening song service, service, Rev. Philpott, 7-9:30, evening song service, Rev. Philpott, 7-9:30, evening song service, service, Rev. Philpott, 7-9:30, evening song

hour.
WTIC, Hartford, Conn. (475.9m-630kc), 4 p. m., organ rectial, Prof. Harry B. Jepson.
WWJ. Detroit, Mich. (352.7m-850kc), 10:30 a. m., services; 2 p. m., News orchestra; 6:20, WEAF; 8:15, operatic stars.

Central Standard Time Stations

KFAB. Lincoln, Nebr. (340,7m-880kc), 4-5 p. m., vesper service; 9-11, musicale, Union College orchestra. KFDM. Beaumont, Tox. (315.6m-950kc), 11 a. m., St. Marks Episcopal church; 8-9, services.

KFH. Wichita, Kan. (267.7m-1120kc), 11 a. m., First Methodist church.

KFNF, Shenandah, Jowa (263m-1140ke), 10:45 a.m., First M. E. Church; 2:30 p.m., Golden Rule song service; 3, Men's Gospel team; 6:30, Golden Rule Circle; 8, Christian church.

Circle; 8, Christian church.

KMA, Shenandeah, Iowa (252m-1190kc), 8:30 a. m., sacred service; 12:15-1:30 p. m., religious discussion; 4-5, church choir music.

KMMJ, Glay Center, Nebr. (288.9m-1310kc), 9:15 p. m., church service.

KMOX, St. Louis, Mo. (280.2m-1070kc), 8 p. m., The Principia, KFQA; 9, popular entertainment, Skouras Brothers' Sunday Night club.

KPRC, Houston, Tex. (296.9m-1010kc), 11 a. m., First Christian church; 8 p. m., South Main Baptist church; 9:30. El Tex Temple No. 114, Dramatic Order Knights; 11, Texan theater pipe organ concert.

KSO, Clarinda, 10wa (241.8m.1240kc), 10:30 c. m.

KSO, Clarinda, lowa (241.8m-1240kc), 10:30 a. m., church services, St. John's Lutheran church.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., First Presbyterian church; 9:05-10, classic

hour.

KV00, Bristow, Okla. (374.8m-800kc), 12:30-7 p. m., pipe organ; Rev. Leeper and his twenty-piece string band; Laughton Family; Oklahoma Cowboy band; Cushing Military band; 7:30-9, Worship hour.

KYW, Chicago, Ill. (535-4m-560kc), 10 a. m., Central church; 3 p. m., studio concert; 8:30-10, classical con-

WAMD, Minneapolis, Minn. (243.8m-1230kc), 2:30 p. m. organ recital; 7:50, Arthur Faust and stock company 9:30, Gayle Wood.

WBAP, Fort Worth, Tex. (475.9m-630kc), 11 a. m., First Presbyterian church; 5-6, musicale; 9:30-11, Hired Hand's Little symphony.

WFAA, Dallas, Tex. (475.9m-630ke), 6-7 p. m., Radio Bihle class; 7:15-8, Gibson mandolln and guitar club; 8-9, First Church of Christ, Scientist; 9-9:30, Dr. E. R. Barcus, pastor; 11-12, Ligon Smith's orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 10 a. m. Broadway Christian church.

WHB, Kansas City, Mo. (365.6m-820ke), 9:40 a. m., Linwood Blvd. Christian church; 11-12:30, Independence Blvd. Christian church; 8-9, church services; 11:15, Morrill Moore, organist.

WHO, Des Moines, Iowa (526m-570ke), 11 a. m., B'nai Jesherum congreation; 5-6 p. m., Bankers Life Little symphonic orchestra; 7:30-8:30, Fourtheenth Cavalry band.

WMC, Memphis, Tenn. (499.7m-600kc), 11 a. m., Second Presbyterian church.
WOAI, San Antonio, Tex. (394.5m-760kc), 11 a. m., First Presbyterian church; 7:45, Central Christian church

WOAW, Omaha, Nebr. (526m-570kc), 9 a. in., Rev. R. R. Brown; 1:30 p. m., Father Flanagan's Boys' home period; 9, chapel service.

WOC, Davenport, Iowa (483.6m-620kc), 1-2 p. m., Old Folks' musical program, Palmor Little symphony or-chestra; 8-8:30, East Main Street church; 9:30-10:30, musical program, Palmer Little symphony, soloists. WOS. Jefferson City, Mo. (440.9m-680kc), 9:30 a. n.,

WSB. Atlanta, Ga. (428.3m-700kc), 5 p. m., Inman Park Epworth League program; 7:30, North Avenue Presbyterian church service.

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

WSUI, lowa City, Ia. (483.6m-620kc). 9 p. m., familiar bymns, William G. Edmondson, Jr.

Mountain Standard Time Stations
KFXF, Colorado Springs, Colo. (250m-1200kc), 11 a. m.,
First Presbyterian church; 7:45, Jim Goodheart's Denver Sunshine Mission services.
KOA. Denver. Colo. (322.4m-930kc), 11 a. m., Montview Presbyterian church; 6:30 p. m., KOA choristers;
8, open-air concert, Denver municipal band.

Pacific Standard Time Stations KFI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m. Grebe Synchrophase string ensemble; 7:30-8, Jim Jack and Jean trio; 8-9, Aeolian organ; 9-10, Badger', Hollywood Californians; 10-11, Packard Six dance or-chestra.

chestra.

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

KGO, Oakland, Calif. (381.2m-830kc), 11 a. m., First Congregational church; 3:30 p. m., vesper service; 7:45, First Congregational church.

KGW, Portland, Ore. (491.5m-810kc), 10:45-12 noon, services. First Presbyterian church; 7:30-9 p. m.. East Side Baptist church; 9-10, Chevrolet symphony orchestra.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m.
First Methodist Episcopal church; 8-10, Orpheus Four.
KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m.
Elinor's concert orchestra, Carthay Circle theater; 8-9.
First Presbyterian Church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.

(PSN. Pasadena, Calif. (315.6m-950kc), 10:50 a.m.. United Church Brotherhood: 7:45 p.m., First Church of Christ, Scientist; 8:45-9:45, Maryland artists' en-semble.

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

#### Monday, June 21

Headliners Today | Atlantic | Parish |

Betty.
8:15 7:15 6:15 5:15 4:15.
WTIC (475.9m-630kc), Yale glee and banjo clubs.
8:30 7:30 6:30 5:30 4:30
WEAF (431.5m-610kc), Bureau of Budget program.
WCSH (256.3m-1170kc), Strand theater symphony archestra.

orchestra. WHN (361.2m-830kc), George's Surprise. 

Monday, silent night for: CKAC. CNRA. CNRC, CNRE. CNRM. CNRO, CNRR, CNRT, CNRV. CNRW. KFAU, KFWA. KHJ. KPSN. KWSC, KYW. WBBM. WCBD. WEBH. WEBJ. WENR. WGBF, WGBF, WGSS. WGN, WHAS, WHT. WIBO, WIP, WJAZ. WJJD, WLIB, WLS, WMAQ, WMBB, WOAI, WOC, WOR, WQJ, WRC.

#### Atlantic or Eastern Daylight Saving

Time Stations

CKNC, Toronto, Can. (356.9m-340kc), 9 p. m., CKNC
Chamber orchestra; Lawrence DeFoe, tenor; Charles
Shearer, baritone.

WAHG, Richmond Hill, N. Y. (315.6m-950ke), 7:30
p. m., Walter looss, novelty pianist; 8, Synchrophase
hour; 9:15, studio program; 89:40, John and Harry
Diehl, zither and piano duets; 10, two Bobs; 10:20,
Frank Tremer's orchestra; 12, Ferrucei's Radio Ralders.

WCAF Pittsburgh Pa. (465.2-CF) WCAE. Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8:30, Budget bureau program, WEAF;

Frank Tremer's orchestra; 12, Ferrucci's Radio Ralders.

WCAL, Pittsburgh, Pa. (461.3m.650kc), 6:30 p. m.
dinner concert; 8:30, Budget bureau program, WEAP;
11:05, dance program,
WCAU, Philadelphia, Pa. (277.6m-1080kc), 7:35 p. m.,
recital, N. Suellenburg and company; 8. Carolyn Thomas,
soprano; 8:30, the Hood Boys; 8:45, Kuthryn Fichthorne,
contraito; 9, Merry Minstrels; 9:30, Roy Tracy, tenor;
9:45, Chaliont Sisters, harmony sisters; 10, Madrigal
mixed quartel,
WCSH, Pertland, Maine (256.3m-1170kc), 8 p. m.,
WEAF; 9, program; 10, WEAF,
WEAF, New York, N. Y. (491.5m-610kc), 6-12 midnight,
dinner muste; Elaine Horton, contraito; Bureau of
Budget program, U. S. Army band; address, President
Coolidge; report, Brig. General Lord; grand opera,
"Lucia di Lammermoor"; Palais D'Or orchestra.
WFI, Philadelphia, Pa. (394.5m-750kc), 6:30 p. m.
Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra.
WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m. Knell's
Tokio dance orchestra; 8:30, WEAF; 10:30, Woodside male
chorus; 11, Vincent Lopez Hotel Statler dance orchestra.
WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m.,
Seaside hotel trio; 11, Follies Bergere dance orchestra.
WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m.,
Seaside hotel trio; 11, Follies Bergere dance orchestra.
WHN, New York, N. Y. (361.2m-830kc), 6:30 p. m.,
WHN movle club; 7:30, De Ward's Swance entertainers; 8, Roseland dance orchestra; 8:30. "George's
Surprise"; 9, Leverich Three and "Peter the Great"; 9:30,
Low's New York orchestra; 110, Palisades Amusement
Park orchestra; 11:30, Live and "Peter the Great";
9:15, Leverich Three and "Peter the Great";
9:15, Leverich Three and "Peter the Great";
9:16, Leverich Three and "Peter the Great";
9:17, Leverich Three and "Peter the Great";
9:18, Leverich Three and "Peter the Great";
9:19, Leverich Three and "Peter the Great";
9:19, Leverich Three and "Peter the Great";
9:10, Low's New York orchestra; 10, Palisades Amusement
Park orchestra; 11:30, Liver Singer Singer Singer Singer Sin

## FARMERS' PROGRAMS INDEX

#### Farmer Dinner Concerts Daily Except Sunday

CENTRAL TIME KFNF, 12:15-1:35 p. m. KMA, 11:30-12:30 KSO, 12:30-1:30 p. m.

Tuesday, June 15

Atlantio Eastern Central Mountain Pacific 12 n. 41 0 8

KMMJ (228.9m-1310ke), Poultry, 2:13 p. m. 1:13 10:13

WHO (526m-570ke), Radio farm school.

KSO (241.8m-1240ke), Farm talk, 2:30 1:30 12:30 11:30 10:30

WMAQ (447.5m-670kc), Prairie Farmer farm talks, 2:45 1:45 12:45 11:45 10:45

WOI (270m-1110ke), "Animal Husbandry," 9:33 8:33 6:33 6:33 6:33 5:33

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

WFAA (475.9m-690kc), Sears-Roedek Agricultus, program.
2:45 12:45 11:45 10:45
WMAQ (447.5m-670kc), Prairic Farmer farm talks.
WOI (270m-1110kc), Poultry husbandry.
8:45 7:45 6:45 5:45 4:45
WBZ (383.1m-990kc), Farm management.
9 7 6
WOS (44.9m-680kc), Evening market hour, poultry questions and answers.
12 m. 11 10 8
WHO (526m-570kc), Farm News digest.

Thursday, June 17

Atlantic Eastern Central Mountain Pacific 2:13 p.m. i:13 12:13 11:13 10:13 WHO (526m-570ke), Radio farm school. 2:15 1:15 12:15 11:15 10:15 KSO (241.8m-1240ke), Farm talk, 2:30 1:30 12:30 11:30 WMAQ (447.5m-670ke), Prairie Farmer farm talks, 2:45 1:45 12:45 11:45 WOI (270m-1110ke), Farm crops. 9 8 5 9 8 7 6 5 KPRC (296.9m-1010kc), Southern Pacific agricul-10171 talk. 9:30 8:30 7:30 6:30 5:30 WOI (270m-1110ke), History of the Dairy Industry M 10081. 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, June 18
Atlantic Eastern Central Mountain
12 n. 11 10 9
KMMJ (228.9m-1310kc), Poultry talk.

Atlantic Eastern Central Mountain Pacific 2:13 p. m. 1:13 12:13 11:13 10:13 WHO (526m-570kc), Radio farm school. 2:15 1:15 12:15 11:15 10:15 KSO (241.8m-1240kc), Farm talk. 2:30 1:30 1:30 12:30 11:30 10:30 WMAQ (447.5m-670kc), Prairie Farmer farm talks. 2:45 1:45 12:45 11:45 10:45 WOI (270m-1110kc), Agricultural Economics. WOS (440.9m-680kc), Evening Market hour, Dalry questions and answers. 9:15 6:15 5:15 KSO (242m-1240kc), Farm talk. 9:45 8:45 7:45 6:45 5:45 WCCO (416.4m-720kc), Farm lecture. 10:05 9:05 8:05 7:05 6:05 WOS (440.9m-680kc), Address, Missouri State Marketing Bureau.

Sunday, June 20, Atlantic Eastern Central Mountain Pacific 4:30 p. m. 3:30 2:30 1:30 1:32 21:30 WFAA (475.9m-630ke), Sunday hour for farmers.

9 8 7 6 5
WOS (440.9m-680kc), Livestock questions and answers. swers.
9:30
8:30
7:30
6:30
5:30
WMC (499.7m-600kc), Farm talk.
WOI (270m-1110kc), Horticultural Short Course
lecture.
9:45
8:45
7:45
6:45
5:45
WCCO (416.4m-720kc), Farm lecture.
11:30
0:30
8:30
7:30
KOAC (280.2m-1070kc), Market news.
11:45
10:45
9:45
8:45
7:45
KOAC (280.2m-1070kc), "Preventing and Controlling Infectious Abortion."
12:05a.m. 11:05
10:05
9:05
KGO (361.2m-830kc), Agricultural Outlook.
12:15
11:15
10:15
9:15
8:15
KOAC (280.2m-1070kc), "Oregon's Agricultural Situation."

Tuesday, June 22

Atlantic Eastern Central Mountain Pacific 12 n. 11 0 9 8

KMMJ (228.9m-1310kc), Poultry talks. 2:15 1:15 12:15 11:15 10:15

KSO (241.8m-1240kc), Radio farm. 2:30 1:30 12:30 11:30 10:30

WMAQ (447.5m-670kc), Prairie Farmer farm talks. 2:45 1:45 12:45 11:45 10:45

WOI (270m-1110kc), "Animal Husbandry." 9:33 8:33 7:33 6:33

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.

WFAA (475.9m-630ke), Sears-Roeduck Agricultum program.

145 12:45 11:45 10:45 9:45 WMAQ (447.5m-670ke), Prairie Farmer farm talks. WOI (270m-1110ke), Poultry husbandry. 8:45 7:45 6:45 5:45 4:45 WBZ (333.1m-900ke), Diary Farming. 9 8 7 6 5 WOS (440.9m-680ke), Evening market hour, poul-try questions and answers.

Thursday, June 24

Atlantic Eastern Central Mountain Pacific 2:15 p. m. 1:15 [1:15] [1

9:30 8:30 7:30 6:30 WOC (483.6m-620ke), Question box. 10:05 9:05 8:05 7:05 6:05 WOS (440.9m-680kc), "Sunshine and Rain."

Saturday, June 26
2 p. m. 1 12 n. 11
KPRC (296.9m-1010kc). Farmers' educational and musical program.
2:15 [1:15 [2:15 [1:15] KSO (241.8m-1240kc), Farm talk.

Atlantic Eastern Central Mountain 2:45 p. m. 1:45 12:45 11:45 10:45 WOI (270.m-1110kc), Solls, questions and answers. 9 8 7 6 KDKA (309.1m-970kc), Farm program.

Sunday, June 27
Atlantio Eastern Central Mountain Pacific
4:30 p.m. 3:30 2:30 1:30 12:30
WFAA (475.9m-630kc), Sunday hour for farmers.

WFAA (475.9m-630kc), Sunday hour for farmers.

\*\*Monday, June 28\*\*

\*\*Atlantic Eastern Central Mountain Pacific 12 n.m. 1 1 10 10 10 12 n.m. 11 10 10 10 12 n.m. 12 n.m. 12 n.m. 12 11 10 10 10 12 n.m. 12 15 11:15 11:15 10:15 12:15 11:15 11:15 10:15 15:15 12:15 11:15 10:15 15:15 12:15 11:15 10:15 15:15 12:15 11:15 10:15 15:15 12:15 11:15 10:15 15:15 12:15 11:15 10:15 15:15 12:15 11:15 10:15 10:15 15:15 14:15 10:15 10:15 16:1 WOS (440.9m-680kc), Livestock questions and an-WOS (440.9m-680kc), Livestock questions a swors.
9:30 8:30 7:30 6:30
WMC (499.7m-600kc), Farm talk.
WOI (270m-1110kc), Lecture.
9:45 8:45 745
WCCO (416.4m-720kc), Farm lecture.
11:30 10:30 9:05
KOAC (280.2m-1070kc), Market news.
11:45 10:45 9:45
KOAC (280.2m-1070kc), "Summer Prepara Fall and Winter Vegetable Supply."
12:05 a. m.11:05 10:05
KGO (361.2m-880kc), Agricultural Outlook. 5:45

Tuesday, June 29

Atlantie Eastern Central Mountain Pacific 2:15 p. m. 1:15 | 12:15 | 11:15 | 10:15 |

KSO (241.8m-1240ke), Farm talk.
2:30 | 1:30 | 12:30 | 11:30 | 10:30 |

WMAQ (447.5m-670ke), Prairie Farmer farm talks.
2:45 | 1:45 | 12:45 | 11:45 | 10:45 |

WOI (270m-1110ke), "Animal Husbandry."
9:33 | 8:33 | 7:33 | 6:33 | 5:33 |

KYW (535.4m-560ke), American Farm Bureau Federation. eration.

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

KOA (322.4m-930kc), Farm question box.

| Wednesday, June 30 | Atlantic | Eastern | Central | Mountain | Pacific | 145 p.m. | 12:45 | 11:45 | 10:45 | 9:45 | WMAQ (447.5m-6705kc), Prairie | Farmer farm talks. | 2:15 | 1:15 | 12:15 | 11:15 | 10:15 | KSO (241.8m-1240kc), Prayra | School. | 2:30 | 1:30 | 12:30 | 11:30 | 10:30 | WFAA (475.9m-690kc), Sears-Roebuck | Agricultural program. WHAA (470.5m-bulke), Sears-koebuck Agricultural program, 2:45 12:45 11:45 00:45 WOI (270m-1110kc). Poultry husbandry, 9 8 7 6 5 WOS (440.9m-680kc). Evening market hour, poultry questions and answers.

#### Monday, June 21

## Eastern Standard or Central Daylight Saving Time Stations

Saving Time Stations

WBAL. Baltimore, Md. (245.8m-1220ko), 6:30-7:30 p. m., dinner orchestra; 8-8:30, Frederlek D. Weaver, organist, 8:30-9, male quartet; 9-10, WBAL trio.

WCAP, Washington, D. C. (468.5m-640ke), 6-7 p. m., Washington Post bour; 8-10, WEAF.

WGHP, Clearwater, Fla. (265.3m-1130ke), 8:30-10 p. m., R. B. Hauts, baritone; Bobby Tugker, pinnist.

WGHP, Detroit, Mich. (270.1m-1170ke), 6 p. m., dinner concert; 8. Little Symphony orchestra; T. Stanley Perry, tenor; 8:30-9:30, famous composer's hour; Little Symphony orchestra; 12-1 a. m., Gerald Marks' orchestra.

WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., Hotel Van Curler orchestra; 6:30, studio program; 7:15, program; 8-8:30, studio program; WIR, 'Pontiac, Mich. (516.5m-586ke), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:15, Casper Lingeman; 9, entertainment; 11:30, Jesters.

WKRC, Cincinnati, Ohio (422.3m-710ke), 6 p. m., Alvin Rochr and his Hotel Alms orchestra; 8, Eddie Schoelwer, planist; 8:20, Public schools program; 9, Robert E. Bentley Post, American Legion; Ben Alley; Mary Steele, contraito; Frank Minard, banjoist; 12, popular songs; 12:30, Edwin Reed and his Garden of Allah orchestra.

WLW, Cincinnati, Ohio (422.3m-710ke), 7 p. m., dinner concert, Hotel Gibson concert; 8, The Crosley Salon orchestra; "A Royal Flush in Music."

WOOD, Grand Rapids, Mich. (241.8m-(240kc), 9 p. m., Corduroy Tire Little symphony orchestra; 10:06, Savutime program; 10:35, Radio period; 11, "22nd Woodpile."

WOR, Newark, N. J. (405.2m-740kc), 6:30 p. m., Jacques

time program; 10:35, Radio period; 11, "22nd Woodpile."

WOR, Newark, N. J. (405.2m.740ke), 6:30 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:30, St. Regis Copenhagen quartet; 8:30, Klein's Serenading Shoemakers; 11, Crystal Palace orchestra.

WREO, Lansing, Mich. (285.5m-1050ke), 6-7 p. m., Gold Standard ensemble. (285.5m-1150ke), 8:40 p. m., Negro quartet, spirituals; 9:10, Harmony boys, Pat Binford, Bright Keck, Old Dominion orchestra; 10:30-11:30, Hotel Richmond orchestra.

WSA1. Cincinnati, Ohio (325.9m-920ke), 7:30 p. m., bureau of budget, address, President Coolidge; 9:30, missfeli; 10, Greenland's orchestra.

WInden hotel creating of Standard Symphony; 9, studio program; 10, Willard symphon; 10, studio program; 10, willard symphony; 9, studio program; 1

#### Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Bulck Master Six orchestra; Gloomy Gus; Eddte Ellingson, original songbird; Cowbell Boys.

KFH, Witchita, Kan. (267.7m-1120kc), 6:30-7 p. m., plano playing contest; 7-8, Gage Brewer's Hawaitans.

KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., musicale.

KFNF. Shenandoah, lowa (263m-1140kc), 7 p. m., con-

cert.
KMA, Shenandoah, lowa (252m-1190ke), 9-10 p. m., talk, G. H. Van Houtan.
KMMJ, Clay Center, Nebr. (288.9m-1310ke), 8 p. m., crebeste.

orchestra.

KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, orchestra; 8, light opera selections, Diste Four quartet; 9, soloists; 10, orchestra,

MOA, St. Louis, Mo. (200.mm.) (200.mm.) Jacquinot Jules, organist; 7, orchestra; 8, light opera selections, Dixie Four quartet; 9, soloists; 10, orchestra, classical selections. (296.9m-1010ke), 7:30 p. m. Elizabeth Ross, planist; 7:45, Records' Ramblers; 8:30, Dr. Earle J. Shay, tenor; 9, Rozelle Winder, clarinetist; 9:15, Mr. and Mrs. H. Huffmaster; 9:45, Mary Catherine Evans, planist.

KSO, Clarinda, iowa (241.8m-1240kc), 8 p. m., music; 8:30, Rose Stadler and entertainers.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-9:45 p. m., Meyer Davis orchestra; 9:45-10:30, Ray Mullins and his 9-piece orchestra; 9:45-10:30, Ray Mullins and his 9-piece orchestra; 10:30-11, Lon Chassy, violinist; John G. Heyn, planist.

KVOO, Bristow, Okla. (374.8m-800kc), 6-9 p. m., Mrs. J. C. Weaver, "Oklahoma's Sweetheart of the Air."

WAMD, Minneapolis, Minn. (248.8m-1230kc), 7:10 p. m., Hotel Radisson concert ensemble; John Santley, baritone; 11, Skyrocket frolic, Golden Gate orchestra.

WBAP, Fort Worth, Texas (475.9m-630kc), 7:30-8:30 p. m., musicale, Ruth Helen Osborne; 9:30-11, Lions club male chorus; 11-12, entrants, Star-Telegram harmonica and ukulefe contest.

WCOA, Pensacola, Fla. (222m-1350kc), 7-10 p. m., 13th Artillery band; Silva's Jazzomaniaes; WCOA string quartet; John E. Frenkel.

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

WHB, Kansas City, Mo. (365.6m-620kc), 7-8 p. m., Sweeney Symphonic orchestra.

WHO, Des Molnes, lowa (526m-570kc), 7:30-9 p. m., Pappalardo Brothers orchestra.

WHO, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Pappalardo Brothers orchestra.

WOAI, San Antonie, Tex. (394.5m-760kc), 8:30 p. m. Sunshine Laundry orchestra.

WOAW, Omaha, Nebr. (526m-570kc), 6:20 p. m., Frank Peterson, tenor; Helen Higgins, pianist; 6:50, Ran-dall's Royal Fontenelle orchestra; 9, classical.

WOS, Jefferson City, Mo. (440.9m-680ke), 8 p. m. Daniel Boone Jones, interstate old fiddling champion WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert

WSBT, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m.

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., dinner concert, Andrew Jackson botel trio; 8, Mrs. Ralpb Gates, soprano; 10, Vito and his Radio Five.

WSUI, lowa City, lowa (483.6m-620kc), 8 p. m., Bohemian orchestra.

#### Mountain Standard Time Stations

KKK, Colorado Springs, Colo. (250m-1200kc), 9 p. m. Mrs. Georgo A. Edwards, soprano; Henrictta Templeton pianist.

Palace string orchestra; 8, Scheuerman's Colorado or-chestra; 8:15, KOA orchestra; pupils, William Hines; Charles South.

#### Pacific Standard Time Stations

F1, Les Angeles, Calif. (467m-642kc), 7-8 p. m., Owen Fallon's Californians: 8-9, Montebello Choral club; 9-10, program, Walter M. Murphy Motors company, KPO; 10-11, popular program, Meiklejohn Brothers.

KFWB, Hollywood, Calif. (252m-1190ke), 6-7 p. m., Pontiae 6 dinner hour; 7:30-8, program, Dr. Ralph Mitchell and Associated Dentists; 8-9, program, Scaly Mattress company; 9-10, studio program; 10-11, Warner Brothers frolic.

KGO. Oakland, Calif. (361.2m-830kc), 8-6:35 p. m., dinner concert; 8, Best Loved Southern Mclodies; 8:05, Gems from the classics; 8:25, Margaret Avery, cellist; 8:50, Josephine Holub, violinist; 9:30, Arlon trio, KGW, Portland, Ore. (491.5m-610kc), 8-7 p. m., dinner concert; 8-9, organ recital; 9-10, vaudeville entertainment; musical gets. Punch and Judy, Columbia Knit Mermaids; 10-12, Cole McElroy's dance orchestra. KIR, Seattle, Wash. (384.4m-780kc), 8:30-10 p. m., Post Intelligencer studio program, Si30-10 p. m., KNX, Hollywood, Calif. (336.9m-830kc), 7-7:30 p. m., studio program; 130-8, program, Overell's; 8-9, program, L. W. Stockwell company; 9-10, feature program; 10-11, Goodich Silvertown Cord dance orchestra; 11-12, Ambassador botel dance orchestra. 11-12, Ambassador botel dance orchestra.

KTAB. Oakland, Calif. (239.9m-1250kc), 8-10 p. m. studio program.

#### Tuesday, June 22

#### Headliners Today

Congress.

8 7 6 5 4

KFRU (374.8m-800ke), Catfish string band.
9 8 7 6 5

WGBF (236.1m-1270ke), Original Four band.
10:30 9:30 8:30 7:30

WMC (499.7m-600ke), Chickasaw Ramblers.
WOAL (394.5m-760ke), Gerbhardt Mexican players.
10 8 7

WQJ (447.5m-670ke), First National Violin quartet.
11 10 9 8

KGO (361.2m-830ke), Pilgrim's hour.

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

#### Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving

Time Stations

CKAC, Montreal, Canada (410:7m-730kc), 8:30 p. m.,
C. P. O. S. S. Montealm members; 10:30, Harold
C. P. O. S. S. Montealm members; 10:30, Harold
C. P. O. S. S. Montealm members; 10:30, Harold
C. P. O. S. S. Montealm members; 10:30, Harold
C. P. O. S. S. Montealm members; 10:30, harold
C. RAA, Moncton, Canada (312.4m-960kc), 9 p. m.
Rathryn Dickson, soprano; Wilhelmina Flett, violinist; Mrs. Tom Walsh, contralto; Percy Belyea, saxophonist; 11, CNRA dance orchestra.

WCAL, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m.
dinner concert, William Penn hotel; 8, WEAF; 8:30,
WEAF; 9, WEAF; 10, Moment muslcale.
WCAU, Philadelphia, Pa. (27:7.6m-1080kc), 6:30 p. m.
Charlie Kerr's dance orchestra; 7:30, Snellenburg instrumental trio; 8:10, The Three Brothers; 8:25, Peter
Ricci, baritone; 8:45, Higgins and Burke, song writers;
9, Kuehnle's artists; 9:30, Robert Friser, blind gospcl
singer; 10, recital; 10:15, Eddie Malle and entertainers;
10:30, Cathay Tea Garden dance orchestra.

WEAF, New York, N. Y. (491:5m-610kc), 6 p. m., dinner music; 8, Grand Prize Eurekas, WEEI, WFI,
KSD, WCAE, WWJ, WCSH, WSAI, WTAG, WGR,
WCCO, WOC, WTAM, WJAR; 8:30, Gold Dust Twins,
WEEI, WFI, WCAE, WGR, WWJ, WOC,
WCSH, WJAR, WCCO, WUAH, WTAM, KSD; 9, Eveready
hour, WEEI, WFI, WCAE, WGR, WWJ, WOC,
WCSH, WJAR, WCCO, WUAB, WTAM,
WSAI; 10, variety half hour; 10:30, orchestra; 11-12,
Buffalodians dance orchestra.

WEBI, New York, N. Y. (272.6m-1100kc), 7 p. m.,

Buffalodians dance orchestra; 17-12, WEBJ, New York, N. Y. (272.6m-1100kc), 7 p. m., Raymond orchestra; 7:30, Luna's Knickerbecker Grill orchestra; 8:15, Queen's City entertainers; 8:30, Luna's Maxies here.

orchestra; 8:10, equeen s. Car. Assessment of the Marine band.

WFI, Philadelphia, Pa. (394,5m-760ke), 6:30 p. m. Bellevue Stratford dance orchestra; 8, WEAF.

WGBS, New York, N. Y. (315,6m-950ke), 7 p. m., Arrowhead Inn concert orchestra.

WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m. Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.

WHAR, Atlantic City, N. J. (275,1m-1090ke), 8 p. m., Senside hotel trio.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m., Seastide hotel trio.

WHAN, New York, N. Y. (361.2m-830kc), 6:30 p. m., Everglades orchestra; 7:30, Will Oakland's Chateau; 8, Treasureland Neighbors; 8:45, Prince Piotti, songs; 9:30, Loew's 83rd Street orchestra; 10, Universal trio; 10:30, Strand Roof orchestra; 11:30, Sophie Tucker's Playground; 11, Country club orchestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, concert, Marine studio; 8:30, Murphy's Minstrels; 9, Chalfont-Haddon Hall dual trlo; 10, Creatore and his band; 10:15, Royal Mountain Ash Welsh male chorus; 10:30, rectla, Karl Bonawitz, organist; 11, Joseph Samuels dance orchestra; 11:30, Silver Silpper supper club; Eddle McKnight's dance orchestra; (305.9m-980kc), 8-10 p. m., WEAR, Providence, R. I. (305.9m-980kc), 8-10 p. m.,

WJAR, Providence, R. I. (305.9m-980kc), 8-10 p. m., WEAR;
WJZAR.

WJZA

## Eastern Standard or Central Daylight Saving Time Stations

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

studio program.

KMA, Shenandoah, Iowa (252m-1190ke), 9-11 p. m.,
Mandolln musiclans.

KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m.,
dlnner time recital, Jacquinot Jules; 8, orchestra, light
opera selections, Ed Goessling, baritone; 9, orchestra,
operatic selections; 9:30, orchestra, operatic selections,
baritone; 10, orchestra elassical selections, chimes,
vocal.

WBAL, Baltimore, Md. (245.8m-1220ke), 6:30-7:30 p. m., WBAL, dinner orchestra; 8-9, WBAL staff artists; Cella Brace, violinist; George Bolek, planist; 9-10, municipal band.

wBAP, Fort Worth, Tex. (475.9m-630kc), 7:30-8:30 p. m., Clyde Massengale, baritone; 9:30-11, Allene Patterson Duff, contralto.

WBBM, Chicago, III. (225.4m-1330kc), 8-12 midnight, Moss Covered melodies; Howard Osborne's vanity fair orchestra; Matched-Unit quartet.

WCBD, Zion, III. (344.6m-870kc), 9 p. m., Third Anniversary program. WEAO, Columbus, Ohio (293.9m-1020ke), 7:15 p. m.

WEBH, Chicago, III. (370.2m-810kc), 7-8 p. m., Edge-water Besch hotel orchestra; Kathryn Forbes; Lydin Lochner; 9:10-10, Uptown theater; 11-12:30 a. m., Gall Bandel!; Syncopating Serenaders.

Gani Bandell; Syncopating Serenaders.

WENR, Chicage, III. (265,3m-1/30ke), 6-7 p. m.,
Rauland byric triq; 8-9 Arthur Dunas popular program;
8-10, All-American Pioneers.

WGES, Oak Park, III. (249,9m-1200ke), 5-7 p. m.,
Paradise plane; 8-9, Charles Rohermel's School of
Musle; 11-1 a. m., Clarence Theders, Flo and Ray,
Lew Butler; Peggy O'Neill; Esther Richards; Bobby
Lee.

WGHP, Detroit, Mich. (270.1m-1110ke), 6 p. m., din-ner concert; 8:15, Skylark dance band; Gladys Sander-son and her uke; Charles Coates, bartione; 12-1 a. m., Geraid Marks' orchestra.

WGN, Chicago, III. (302.8m-990ke), 6:35-7:15 p. m.. Blackstone string quintet, Drake concert ensemble; 8-9 WEAF; 9-10, "Arablan Nights"; 10-10:10, Sam 'n' Henry; 10:10-11, musical program, ensemble.

WGY, Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., Hotel Van Curler orchestra; 6:30. studio program; 7:30. WJZ; 8, musical program; 9-9:30, WJZ, WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Cardinals,

WHB, Kansas City, Mo. (365.6m-820kc), 7-7:30 p. m., dinner hour organ concert; 8-9:30, ukulele songsters; Harry Taylor, Sam Martin, Mrs. Taylor, pianist. WHT, Chicage, Ill. (399.8m-750kc), 7:10 p. m., Al Catney, organist; 7:40, chapel; 10:15 (238m-1260kc), Pat Barnes and Al Carney; 11:10, U. S. L. half hour of dance music; 12, your hour league. WIBO, Chicage, Ill. (225.4m-1330kc), 6-8 p. m., dinner concert; WIBO string trio; Chester Newmann, baritone; Agnes Buchli, soprano; Charlotte Edwards, contralto; 12, jamborce; Ted Florito, pianist; Dan Dusso, violinist; Marle Tally, songs; Wayne Myers, monologist, artists.

ist; Marle Tally, songs; Wayne Myers, monologist, artists.

WJAZ. Chleage, III. (329.5m-910ke) 0-12 mid. Earl:
Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; William Hayden, tenor; Henrletta Nolan, violunist; Brancis Rosemary Schebb, seprano.

WJD, Møøseheart, III. (37.2m-810ke), 5:30-7 p. m., dinner eoneert; Jock Nelson; Howard Peterson, organist; Palmer House symphony players; Victorians; 8-9, child artists; 10-11, Victorians; 12:30 a. m., Settin' Up hour.

WIR, Pontiac, Mich. (516.9m-580ke), 7 p. m., Glover Watson, old-time dance orchestra; 8, Toon Bartel's Boys; 8:30, Jean Goldkette's orchestra.

WKRC, Cincinnati, Ohio (422.3m-710ke), 10 p. m., Eugene Perazzo, organist; 11, Doc Howard's Cuvier WKRC entertainers; 11:30, Bert Lindsey; Abe Farb, Kern Aylward, Merrel J. Schwarz.

WLIB, Chicago, III. (302.8m-990kc), 7:15-7:30 p. m., dinner music; 7:30-8, WEAF; 11-11:20, Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's Drake hotel dance orchestra; Fred Hamm's Purple Grackle orchestra.

orchestra.

WLW, Cincinnati, Ohio (422.3m-710kc), 7:30 p. m.,

"Piano Memories," Adelaide Apfel; 8. The Crosley
Burnt Corkers, Tommy Compbell; 9, concert, Formica
Symphony orchestra.

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago
theater organ; 6:30, Hotel LaSalle orchestra; 8:40, mu-

theater organ; 6:30, Hotel LaSalle orchestra; 8:40, music; 9:20, musical program, chimes WMBB, Chicago, III, (249,9m-1200kc), 7-8 p. m., Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, planist; Genvere Burnham, operatic soprano; 9-11, Trianon orchestra; Woodlawn theater orchestra; Joe Warner; Nora Norraine and Lou Sievers, popular program, WOC, Davenport, 10va (483,6m-620kc), 5:45-5:55 p. m., chimes concert; 6-8, WEAF; 8-9, musical program, Blackhawk hotel trlo.
WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Ye Olde Tyme Songe Feste; 9:30, Regent Grand orrecterta; 9:45, Melissa Dvorak, planist; 10:05, studio program.
WOK, Chicago, III. (217.8m-1380kc)

program.

VOK, Chleage, III. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; tenor; string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Gardens orchestra; Capitol theater program, studio program, studio program, studio program, valudio program, studio program, valudio pr

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble; 8:15, Reo Motor Car company band. WSB, Atlanta, Ga, (428.3m-700kc), 8 p. m., concert; 10:45, concert.

WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WEAF; 7:30, musicale; 8, WEAF; 9, WSAI program. WSM, Nashville, Tenn. (282.8m-1060ke), 8 p. m., Ivo Glenn, tenor.

WSWS, Chicago, III. (275.1m-1090kt), 6 p. m., or-chestra; Ruth Metcolfe, Peter Grosse; 8, Jean St. Anne, Christian A. Grinm; Terrace Gardens orchestra; 10, National violin institute string quartet; 12-1, Witching hour

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudeville; 7-10, WEAF; 10, studio program; 11, 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), 5:30-6:30 p. m., Little symphony orchestra; 8:05-10:30, U. of Nebraska. KFDM, Beaumont, Texas (315.6m-950kc), 7:30-8 p. m. children's program; 8-10, band. KFH, Wichita, Kans. (267.7m-1120kc), 6:30-7 p. m. piano playing contest; 7-8, musicale.

KFNF, Shenandoah, lowa (263m-1140kc), 7 p. m. Christian church orchestra. KMMJ, Clay Center, Nebr. (228.9m-1310kc), 8 p. m., band concert.

KPRC, Houston, Texas (296.9m-1010kc), 7:30 p. m., Kensington hall dance orchestra; 8:30, Seger Ellis, pianist; 9, Paramount Five.

planist; 9, Paramount Five.

KSO. Clarinda, lowa (241.8m-(240kc), 8 p. m., musie,
Dale H. Jahnke and entertainers.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc),
9:05-9:45 p. m. New Arlington orchestra; 9:45-10,
Lawson Reid, organist.

KYOO, Bristow, Okla. (374.8m-800kc), 6-9 p. m., Jimmie Wilson and his Catfish string band.

KYW, Chicago, III. (535.4m-560kc), 6 p. m., Chicago Evening American studio; 7, program, Congress hotel; 9-9:30, classical concert; 9:30-10:30, Congress carnival.

WFAA, Dallas, Texas (475.9m-630kc), 6:30-7:30 p. m. Ford's Texas Trumpeters; 11-12 midnlght, Jimmy Joy's WGBF, Evansville, Ind. (236.1m-1270ke), 7 p. m., Orlginal Four band; 8, musicale.

WHO, Des Moines, Iowa (526m-570ke), 7:30-8 p. m., Philbreek and his Younker Tea Room orchestra; 8-9. Bankers Life trio; 11-12 midnight, Bankers Life Corn Sugar orchestra.

Sugar orchestra.

WMC. Memphis, Tenn. (499.7m-600kt), 8:30 p. m.,
Chickasaw Ramblers; 11, Britlings' Cafeteria orchestra.

WOA1. San Antonio, Texas (394.5m-760kc), 8:30 p. m.,
Gerbhardt Mexican players.

WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., Hugo G. Heyn, xylophonist; 6:50, orchestra; 9, classical; 10:10, Radlo review.

#### Mountain Standard Time Stations CNRR, Regina, Canada (312.3m-960kc), 8 p. m., studio

program. KFXF, Colorado Springs, Colo. (250m-1200kc). Sp. m., George H. Hemus, baritone; Mrs. George H. Hemus, pianist.

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

#### Pacific Standard Time Stations

CNRV, Vancouver, Canada (291.1m-1080kc), 9 p. m. McIntyre string quartet; 10:30, Cabaret Belmont or

KFI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Virginia ballroom orchestra; 8-9. Screen artists string quartet; 9-10, composers series hour; 10-11, Packard Radio club in songs of the day.

KFWB, Hollywood, Calif. (252m-1190kc), 6-7 p. m., Pontiac Six dinner hour; 8-9, program, Richard Hell-man, Inc.; 9-10, program, American Brake Testing Machine company; 10-11, Warner Brothers frolic.

Machine company; 10-11, Warner Brothers frolic.

KGO. Oakland, Calif. (361.2m-830kc). 8-9 p. m.,
Eveready program. Bijou orchestra; Florence Fowden,
contralto; Hellen D'Asalena, soprano; Ricketty-RackettyRadio Minstrels; California male quartet; 9-10, Pilgrims' hour; 10-12, Madson's Midshipmen.

KGW. Portland, Orc. (491.5m-610kc), 6-7 p. m., dinner
concert; 10-12, dance music, Multnomah hotel, Herman
Kenin's dance orchestra; Curt Kramer, pianlst.

HJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., weekly visit of Queen Titania and her Sandman; 8-10, times de luxe presentation; 10-11, dance music.

music.

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

Pudget Sound Savings and Loan association orchestra;
10-11, Nute Motor company studio program.

KNX, Hollywood, Calif. (385.9m.890kc), 7-7:45 p. m.,
program, Geo. E. Read, Inc.; 7-45, health talk; 8-9,
program, Builders' Finance association; 9-10, program,
Western Auto Supply company; 10-12, Ambassador
hotel dance orchestra. KPSN, Pasadena, Calif. (3f5.6m-950kc), 8-9 p. m., Star-News ensemble: George Frenger, tenor.

KTAB, Oakland, Calif. (239.9m-1250kc), 8-9 p. m. educational program.

#### Wednesday, June 23

#### Headliners Today

Eastern Central Mountain Atlantic Atlantic Lastern Omiton 65
9 p. m. 8 7 6 5
CNRM (410.7m-780ke), "Rose Maiden" night.
WCOA (222m-1850ke), Mt. Olive Jubilee Singers.
9:20 8:20 7:20 6:20 6:20 5:20
WAHG (315.6m-950ke), Old-Fashioned quartet. 10 9 8 7 6
WJJD (370.2m-810kc), Talk, Crown Prince Gustaf
Adolf of Sweden.
1039 930 830 7-20 0-20 Adolf of Sweden.

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

KMOX (280.2m-1070kc), "A Previous Engagement,"

drama.

KWSC (348.6m-860kc), Moose program.

12 m. 11 10 9 9

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

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

#### Atlantic or Eastern Daylight Saving Time Stations

Time Stations

CFCA, Toronto, Canada (356.9m-840kc), 11 p. m., Gilbert Watson and his orchestra.

WAHG. Hichmond Hill, N. Y. (315.6m-950ko), 7:45 p. m. Haroid Mannling, saxophonist; 8. William Helfenstein, bartlone; 8:15. Comrad Schelcher, flutlist; 8:30, studio program; 9:20, Old-Fastioned quartet; 10, popular program; 19:20, dance orchestra.

WCAE, Pittsburgh, Pa. (46.13m-650kc), 6:30 p. m., dinner concert, William Penn hotel; 8. WEAF; 8:30, WEAF; 9. concert; 10, WEAF; WCAU, Philadelphia, (277.6m-160kc), 7:30 p. m. rocttal; N. Snellenburg and company; 8:10, Hotel Pennsylvania orchestra; 8:30, Miller piano recital; 9. orchestra; 9:30, Hefen Travis Hoel, soprano; 9:45, Senator Hassenpfesser; 9:50, recital; 10, Jos. McCullough, bamjoist; 10:30, Zoehrns and Herscher, songs; 10:45, Frank Cook, old-time songs; 11, Artie Bittong's Cheer-Up club.

WCSH, Pertland, Me. (256.3m-1170kc), 8 p. m., WEAF; 9, studio program; 10, WEAF.

WEAF, New York, N. Y. (491.5m-610kc), 6 p. m., dinner music; 7:30, Arny band concert; 8, Shinola Merrymakers, Gentlemcn of the 2 in 1, WTAG, WCAE, WOJ, WJAR, KSD, WGR, WEEI, WOO, WCSH, WOC, WCO, WCAP, WSAI; 8:30, Davis Saxophone octet, WOO, WCAF, WSAI; 8:30, Davis Saxophone octet, WOO, WCAF, WSAI; 8:30, Davis Saxophone octet, WOO, WCAF, WSAI, WEEI, WJAR, WGR, WCEN, WJAR, KSD; 11-12, Pelham Heath Inn orchestra.

WEBJ, New York, N. Y. (272.6m-1100kc), 8 p. m., Moon Glow orchestra; 8:35, Ben Ruty, Michael Savino, Hawalian guitar duets; 9:15, Marla Pasquale, planist; 9:30, Original Melville Five.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford donce orchestra; 7, Bellevue Stratford concert orchestra; 7, Bellevue Stratford donce orchestra; 8:35, Ben Ruty, Michael Savino, Hawalian guitar duets; 9:15, Marla Pasquale, planist; 9:30, Original Melville Five.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Gospel Medolist two plano recital; 9, WEAF; 8:30, George Marshall, dulchmer recital; 9, WEAF; 8:30, George Marshall, dulchmer recital

Lopez himself and his Casa Lopez orchestra, playing in studio.

WHN. New York, N. Y. (361.2m.830kc), 7:30 p. m., Loew's Lexington organ recital; 9:10, Loew's New York orchestra; 9:30, Palisades Amusement Park orchestra; 10, Roseland dance orchestra; 11:30, Silver Silpper orchestra; 12 midnight, Cotton Club orchestra. WIP, Philadelphia, Pa. (308.2m.590kc), 6:05 p. m., Benjamin Franklin concert orchestra.

WIAR, Providence, R. I. (305.9m.980kc), 7:30-9 p. m., WEAF; 9, musicale; 10, tabloid musicale.

WIZ, New York, N. Y. (454.3m.660kc), 7 p. m., Hotel Pennsylvania Grill orchestra; 8, Imperial Imps; 8:30, La Prensa hour; 9:30, Wm. Ballyn, sea songs; 10:30, Hotel Astor Roof orchestra.

WLIT, Philadelphia, Pa. (394.5m.760kc), 8:10 p. m., Arcadia cafe dance orchestra.

Arcadia eafe concert orchestra; 8:30, recital; 10, Arcadia eafe dance orchestra.

WMAK, Buffale, N. Y. (265.3m-1130kc), 6:39-7:15
p. m., dinner music, Hotel Lafayette; 7:30-8:30, Eastman theater orchestra. WGY; 8:30-10, WHAM studio,

WG1. 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, X-TT Hawaiians; 8:30, Melser Homesteaders; 9, Mamaroneck night; 12 midnight, Mc-Alpin entertainers.

Homesteaders; y, name, Alpin entertainers, Alpin entertainers, W00, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m., Sylvania dance orchestra; 8, WEAF; 8:30, WEAF; 10, recital, Fox theator studio; 10:30, Ritz Carlton dance orchestra.

recital, Fox theator studio; 10:30, Ritz Carlton danee orchestra.

WOR, Newark, N. J. (405.2m-740ke), 6:30 p. m., Jacques Jacobs' Hotel Shelton ensemble; 11, Crystal Palace orchestra.

WTAG. Worcester, Mass. (267.7m-1120kc), 6-7 p. m., WTAG orchestra; 8-8:30, WEAF; 8-10, musicale; 10-11, WEAF.

#### Eastern Standard or Central Daylight

Saving Time Stations WBBM, Chicago, III. (225.4m-1330kc), 8-10 p. m., Rudy Winters, baritone; Alemito orchestra; 12-2 a. m., Ale-mite orchestra.

WCAP, Washington, D. C. (468.5m-640ke), 7-7:30 p. m., WEAF; 7:30-8, outdoor concert, U. S. Army band; 8-9, WEAF; 9-10, WEAF; 10-10:30, announced; 10:30-12, dance music. WEAO, Columbus, Ohio (293.9m-1020kc), 8:15 p. m.,

WEBH, Chicago, III. (370.2m-810ke), 7-8 p. m., Os-born's orchestra; Florence Behrend; Frank Greif; Frank Bordner; 9:15-10, Osborn's orchestra; Frank Bordner; Lawrence Salerno; 11-12:30 a. m., orchestra; Kay Ronayne; Florence Behrend.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., Rauland lyric trio; 8-10, All-American Pioneers; 12-2 a. m., midnite frolic.

WGES, Oak Park, III. (249.9m-1200kc), 5-7 p. m., Paradise plane; 8-9, Frank Sylvano, Louis Panlco, Guyon's Paradise ballroom orchestra; 11-1, Casey and Gervals; Guyon's Paradise ballroom orchestra; Melody Girls.

WGHB, Clearwater, Fla. (265.3m-1130kc), 8:30-Rex Dantzler, tenor; Max Hartlette, pianist; Mrs. Charlie A. Waller.

MTS. Charlie A. Waller.

WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert; 7:35, evening chat; 8-10, Little Symphony orchestra; Gizi Szanto, planist; male quartet; 12-1 a. m., Gerald Marks' orchestra.

WGN, Chicago, III. (302.8m-990kc), 6:35-7 p. m., Blackstone string quintet; 9-10, concert; 10-10:10, Sam 'n' Henry; 10:10-10:20, studio music; 10:20-11, Pepper party.

WGY, Schenectady, N. Y. (379.5m-790kc), 8:30 p. m., Eastman theater program. WHT, Chicago, III. (399.8m-750kc), 7:10 p. m., organ; 7:50, chapel; 10:15 (238m-1260kc), Cinderella cafe orchestra; 12 midnight (399.8m-750kc), your hour league.

wiBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner concert, string trio; Dorothy Rae, soprano; Charles Champlin, baritone; Frank Greif, tenor; trio; 10-12, popular program; vocal, instrumental.

wild, mossheart, ill. (370.2m-810ke), 5:30-7 p. m., dinner concert; Jack Nelson; Howard Peterson, organist; symphony players; Victorians, 8-9, child artists, solos, bands; 10-11, Victorians, Isabel Defaut, Simeon Oliver, pianist; R. Thomas; 12:30 a. m., Settin' Up hour.

tin' Up hour.

WIAZ, Chicago, III. (329.5m-910kc), 9-12 mid., Earl Hoffman's Chez Pierre orchestra; artist pupils, Edwin J. Gemmer; artist pupils, Alexander Nekutin studio; Chez Pierre Hawaiian quartet.

WIR, Pontiac, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite sympbony orchestra; 7:45, Goodwill Oakland; 9, Jean Goldkette's orchestra; 11, Murphy Brothers organ; 12 midnight, Morry Old Chief, Jewett Radio Josters.

WKRC, Cincinnati. Ohio (422.2m 7125.3)

Radio Jesters.

WKRC, Cincinnati, Ohio (422.3m-710kc), 6 p. m., Hotel
Alms orchestra; 8:15, Gene Perazzo, planist; 8:30,
Oliver Plunkett, tenor; 9, string ensemble; 12 midnight, popular songs; 12:30, Wesley Helvey and his
La Vista orchestra.

La Vista orcnestra.

WLIB. Chicago, III. (302.8m-990ke), 7:15-7:30 p. m.,
dinner music; 7:30-7:50, Pattison Coates, haritone;
Edward Barry, planist; 7:50-8, Aud Sandy; 8-9,
WEAF; 12:30-1 a. m., Ambrose Larsen, organist.

#### Wednesday, June 23

WLW, Cincinnati, Ohio (422.3m-710kc), 7 p. m., dinner concert, Hotel Gibson orchestra; 7:40, Hotel Gibson concert; 10, Thorobred entertainment; 11, "The Pink of Programs."

of Programs."

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago thealer organ; 6:30, Hotel La Salle orchestra; 8:30, Whitney trio; 8:55, WMAQ, players, chimes.

WMBB, Chicago, III. (249.9m-1200kc), 7-8 p. m., Trianon duo; Eleanor Kaplan, violinist; Monte Blunn, tenor; Preston Graves, pianist; request program; 9-11. Trianon orchestra; Woodlawn theater orchestra, vocal artists.

Trianon orchestra; Woodlawn theater orchestra; vocal artists.

WOK, Chicago, III. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; studio program; Tip-Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Alidway Gardens orchestra; Capitol theater program.

WODD, Grand Rapids, Mich. (241.8m-(240kc), 9 p. m., Willard Battery hour; 10:05, Atwater Kent hour.

WQI, Chicago, III. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; Melodians; Flo and Ray; Joe Warner.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Va. (256.3m-1170kc), 8-50 p. m., "A String" quartet; 9:20, plano rectal; 9:45, organ rectal, chimes; soloists; 11, Carry Me Back to Old Virginny, Medical College of the control of the college of the

Fectial, Chimes; Soloists; 11, Carry Me Back to Ulu Virginny.

WSAI, Cincinnati, Ohio (325.9m-920kc), 6:45 p. m., chimes; 7, WEAF; 7:30, WEAF; 9, WEAF; 10, Congress Playing Card string quartet.

WSWS, Chicago, III. (275.1m-1090kc), 6 p. m., Rita McFawn, Leola Alkman; Josephine Oliver, Terrace Gardens orchestra; 8, Edward Holt, planist; Terrace Gardens orchestra; 8, Edward Holt, planist; Terrace Gardens orchestra; 9, Terrace Gardens orchestra; Helen Snyder; John Clark, baritione; 10, Terrace Gardens quintet; 12-1 a. m., Witching hour.

WTAM, Cieveland, Ohio (389.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, WEAF; 8, Public Auditorium program.

Hotel Cleveland orchestra; 7:30, "WEAF; 8, Public Auditorium program.
WTIC, Hartford, Conn. (475.9m-630kt), 8 p. m., Travelers Jongleurs and Unknown Troubadour; 9, Carroll's Palais Royal dance orchestra.
WWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WVBAF; 7:30, News orchestra; 8, dance program; 9, WEAF.
Central Standard Time Stations
CNRW. Winnings. Canada (384.4m.780kc), 9 p. m.

Central Standard Time Stations

CNRW, Winnipeg, Canada (384.4m-780kc), 9 p. m.,
Fort Garry hotel trio, Frank Reddich, cellist; Robert
Jones, baritone; Eveline Wildgoose, planist; Fort
Garry hotel trio, Eveline Wildgoose, planist; Fort
Garry hotel trio,
KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m.,
dinner concert; 8:30-10:30, Bulck Master Six orchestra;
Harmony Boys; Mike Konpae; Cowbell Boys.
KFH, Wiehita, Kans. (267.7m-1120kc), 6:30-7 p. m.,
plano playing contest; 7-8. American Legion band.
KFKX, Hastings, Nebr. (286.3m-1040kc), 9-11 p. m.,
musicale, Lincoln, Nebraska.
KFNF, Shonandoah, Iowa (263.m-140kc), 7 p. m., concert. Henry Field Seed company.
KMA, Shenandoah, Iowa (252m-1490kc), 9-11 p. m.,
singing and clogging, Bob and Babe,
KMOX, St. Louis, Mo. (280.2m-1070kc), 6:30 p. m.,
Jacquinot Jules, orcanist; 8:30-9:30, light opera selections, orchestra, song cycle; 9:30-11:30, druma, A
Previous Engagement'; orchestra, dance selections,
trumpet flourish.
KFRC, Houston, Texas (296.9m-1010kc), 7:45 p. m.,
Jack Willrich's orchestra; 8:30, Mrs. A. R. Kadell,
soprano; 8:45, McCullom string trio; 9, Frank Tilton,
planist.
KSO, Clarinda, Iowa (241.8m-1240kc), 8 p. m., music;

soprano; 8:45, McCullom string trio; 9, Firma Linear, planist.

KSO, Clarinda, fowa (241.8m-1240ke), 8 p. m., music; 8:30, Berry's Radio orchestra.

KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:05-10 p. m., Clyde Foley, tenor; Charles Garden, saxophonist; 10-10:30, Como Hotel Roof Garden, KVOO, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Radio trio; Mascho, Cunningham, Mascho.

KYW. Chicago, III. (535.4m-560ke), 6 p. m., musical program; 8-9:30, classical concert; 9:30-11, Congress carnival.

KYW, Chieago, III. (535.4m-560kc), 6 p. m., musical program; 8-9:30, classical concert; 9:30-11, Congress carnival.

WAMD, Minneapolis, Minn. (243.8m-1230kc), 7:15 p. m., classical program; Mrs. H. G. Christianson, soprano; H. G. Christianson, barttone; Lola Newell Telfer, accompanist; 10, Gould Banjo club; 11, Skyrocket frolie, Golden Gate orchestra.

WCOA, Pensacela, Fia. (222m-1350kc), 7-10 p. m., instrumental trio; Max J. Heinberg, violinist; R. C. Diasmore, cellist; Olive Jubliee singers; West Floridan dance orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., K. and I. orchestra.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-9 p. m., Ukulele Girls; 10:30-11:30, midweek Radio feature.

WHO, Des Moines (526m-570kc), 6-7 p. m., Bankers Life Little symphonic orchestra; 7-8, Irene Dorans Little symphony orchestra; 8-9, Kate Miller, whistler; popular songs, Harry Lewis, Norman Broholm; 9-11, Riverview Park dance orchestra; 11-12, Bankers Life Corn Sugar orchestra.

WOAI, San Antoniof, Texas (394.5m-760kc), 8:30 p. m., Army night program.

WCC, Davenport, Iowa (483.6m-620kc), 5:45-5:55 p. m., chimes concert; 6-8, WEAF; 9:30-10:30, musical program, Erwin Swindell, organist.

WOS, Jefforson City, Mo. (440.9m-680kc), 8:05 p. m., Sedalia Japanese orchestra.

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

WSBT, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m.,

cert. WSBT, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m.,

wSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., dinner concert, Andrew Jackson hotel trio; 8, Mrs. Thompson Brown, soprano; 10, Mildred King, pianist.

Mountain Standard Time Stations KOA, Denver, Colo. (322.4m-330kc), 6:30 p. m., Brown Palace string orchestra; 8, Scheuterman's Colorado or-chestra; 8:15, KOA orchestra; Richard Miller, tenor; Mrs. Lillie Wettingel, reader; Alban M. Emley, bart-tone; Jean Taylor-Emley, violinist.

tone; Jean Taylor-Enley, violinist.

Pacific Standard Time Stations

KFI, Los Angoles, Calif. (467m-642kc), 7-7:30 p. m.,
Grebe Synchrophase string ensemble; 7:30-8. NickHarris detective story; 8-9, program, California PetroIeum corporation; 9-10, Pat O'Neal, barltone; 10-11,
program, Charles Beauchamb, tenor.

KFWB, Hollywood, Calif. (252m-1190kc), 6-7 p. m.,
Pontiac Six dinner hour; 7:30-8, program, Corduroy
Tire Stores, Inc.; 8-9, Soil Hoopit's Hawaiians; 9-10,
program, Paclie Development company; 10-11, Warner
Brothers froilc.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner connect; 8-9, concert; 9-10, concert, vocal and instrumental.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30

ner concert, 8-9, concert, 9-10, concert, vocal and in-strumental.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30
p. m., Uncle John and the children; 8-10, Times studio program; 10-11, dance musie.

KNX. Hollywood, Calif. (336.9m-890kc), 7-8 p. m., program, Hoyt Water Heuter company; 8-9, Stewart-Warner dealers of Southern California; 9-10, Motor Transit Stages program; 10-11, feature program; 11-12, Ambassador hotol dance orchestra.

KWSC, Pullman, Wash. (348.6m-860kc), 7:30 p. m., program, Moose Lodge, Spokane.

#### Thursday, June 24

Headliners Today Pacific Atlantic Eastern Central Mountain

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

Atlantic or Eastern Daylight Saving

Time Stations

CFCA, Toronto, Canada (356.9m-840kc), 11 p. m., Glibert Watson and his orchestra.

CKNC, Toronto, Canada (356.9m-840kc), 8 p. m.,
Charles E. Bodley and his dance orchestra; CKNC
male quartet.

Charles E. Bodley and his dance orchestra; CKNC male quartet.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8:10, WEAF; 9, WEAF; 10, WEAF; 10, WEAF; 9, WEAF; 10, WEAF, WCAU, Philadelphia, Pa. (277.6m-1980kc), 6:30 p. m., Cathay Tea Gardens orchestra; 7:30, Snellenburg symphony orchestra; 8, Sadler's Plantation serenaders, 8:30, Clifton's Anglers; 9, Barry O'Moore, Irish tenry, 9:20, Musical Chefs; 9:45, Professor Doollttle; 10, recital; 10:30, Jackson and Ellis, radio weethearts; 11, Charlie Kerr's dance orchestra; 11:30, Club Madrid revue. revue. WEAF, New York, N. Y. (491.5m-610kc), 6-12 inidnight,

organist; 8:30-9, mixed quartet; trio; John Wilbourn,

ween. Wiscorn, Mixed quarter, tre; John wildouri, tenor.

WBBM, Chicago, III. (225.4m-1330ke), 8-10 p. m., Melody hour; Moss Covered Melodists; Vic Fredericks, air comedian; 10-10:30, Howard Osborne's Vanity Fair orchestra; Alemite orchestra; Maurice Silverman, tenor; 11-12, midnight, dance period.

WCBD, Zion, III. (344.6m-870kc), 9 p. m., mixed quartet; McElroy Brothers, duets; Dorothy Bull, soprano; R. Roid, baritone; Erwin Rendall, fluitst; duets, Messrs, Arthur and Erwin Rendall, fluodore forby, reader; Mrs. Grace Lund, Erwin Rendall, planists.

WEAO, Columbus, Ohio (293.9m-1020ke), 8:15 p. m., musle.

music.

WEBH, Chicago, III. (370.2m-810kc), 7 p. m., special recital; 9:15. Oriole orchestra; Ruth Buhl Flick, reader; Dorothy Herman Blum; 11-12:30 a. m., orchestra; Pat Ward; Rita McFawn; Mary Bleber.

WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m., Rauland lyric trio; 8-10, All-American Pioneers.

WGES, Oak Park, III. (249.9m-1620kc), 5-7 p. m., organ music, Our Lady of Sorrows church; 8-9, Frank

#### GENERAL TALKS AND SPEECHES

Tuesday, June 15
Eastern Central Mountain Pacific Service." A 7 6 5 5
WKRC (422.3m-710kc), Book review, Alice B. Coy. 10 7 6
WIZ (454.3m-660kc), Grand tour.
11 10 8 7 7 6
WKFXF (250m-1200kc), "The Delectable Mountains," Gilbert McClurg.
WMAQ (47.5m-670kc), Book talks.
11.30 10.30 9.30 8.30 7.30
KRJ (49.5.2m-740kc), Dogs.
WCCO (416.4m-720kc), "Outdoors in Minnesota." Wednesday, June 16 Atlantic Eastern Central Mountain Pacific

7 p. m. 6 5 4 3 WTAG (267.7m-1120kc), Book talk, Robert K. Shaw. 7:30 6:30 5:30 4:30 3:30 WOR (405.2m-740ke), Swimming talk, Frank Dalton. WLIT (394.5m-760kc), Advertising talk, 10 9 8 7 6 WHB (365.6m-820kc), Automotive talk. WOS (440.5m-680kc), "Missouri in History," Roy Godsey. GOGSEY.
10:30 9:30 8:30 7:30 6:30
KCPRC (296.9m-1010kc), Better Business bureau 12 m. 11 10 9 8 ΚΟΔC (280.2m-1070ke), "Oregon—Δ Wonderland."

Thursday, June 17

Atlantic Eastern Central Mountain Pacific 7:30 p. m. 6:30 5:30 4:30 3:30

WGY (379.5m-790ke), Book talk. 745 6:45 3:45

WBZ (333.1m-900kc), "Mental and Physical Health," Frank S. Stanton. 8. 7 6 5 4

WF1 (394.5m-760kc), "What's a Good Book to Read." Thomas Masson.

WZ (454.3m-660kc), "Puppets," motion picture. 11 10 9 8 7

KFWB (252m-1190kc), Fishing and hunting.

Friday, June 18
Atlantic Eastern Central Mountain Pacific 8 p. m. 7 6 5 4
WLLT (394.5m-760kc), "The Career of a Singer," Henry Hotz.
WOAW (526m-570kc), Music review, Hester Bronson Conner \text{VOAW} (326m-570kc), Music review, Hester Bronson Copper.
9:30 8:30 7:30 6:30 5:30

WeAL (336.9m-890kc), Book talk, Dr. Georgo
Weida Spohn.
11 10 8 7

KFEXF (250m-1200kc), "Crest of the Continent,"
Gilbert McClurg.

Saturday, June 19 Atlantic Eastern Central Mountain Pacific 8:45 p. m. 7:45 6:45 5:45 4:45 WGBS (315.6m-950ke), "Numerology," Clifford Cheasley.

11 10 8 7
KFNYF (250m-1200kc), "Vacation Land," Gilbert McClurg.

Monday, June 21

Atlantic Eastern Central Mountain Pacific 9:15 p. m. 8:15 7:15 6:15 5:15

WKRC (422.3m-710ke), "Constructive Americanism." WRVA (256m-1170kc), Virginia Folk Lore, Dr. Freeman. 11 10 9 8 8 KFXF (250m-1200kc), "Lieutenant Pike and the Flag."
12:25a.m. 11:25 10:25 9:25 8:25
KGO (361.2m-830ke), "Chats About New Books,"
Joseph Harry Jackson.
12:50 11:50 10:50 9:50 8:50
KGO (361.2m-830ke), "The Making of the Constitution," Harry L. Todd.

S3rd street orehestra; 11:30, Everglades orchestra; 12, Sophie Tucker's playground.

VIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m., Benjamin Franklin concert orchestra; 8, Hotel Ambassador orchestra; 8:30, rectal from Steel Pier; 8:45, Creatore and his band; 9:30, Hotel Traymore concert orchestra; 10, Hotel Traymore dance orchestra; 10:30, Royal Mountain Δsh male chorus; 11:30, Silver Slipper support club

supper club.

JAR, Providence, R. I. (305.9m-980kc), 8
Robert W. Powers Hudson-Essex orchestra;

WJAR, Providence, R. I. (305.9m-980kc), 8 p. m., Robert W. Powers Hudson-Essex orchestra; 9-11, WEAR.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Vanderbilt orchestra; 8. First National Presentation, WRC; 8:30. U. S. Martine band; 9:30, Royal Type-writers salon orchestra; 11. Swanee dance orchestra. WMCA, New York, N. Y. (340.1m-880kc), 7 p. m., Hofbrau Huus entertainers; 18, Roemers Homers; 9:30, Columbia Park entertainers; 10. Goughtan entertainers; 10:30, California Ramblers; 11. Ernic Golden and his Hotel MeAlpin orchestra; 12. Broadway night. WOO, Philadelphia, Pa. (508.2m-590), 7:30 p. m., Adelphia Roof Garden dance orchestra. WOR, Newark, N. J. (405.2m-740kc), 6:40 p. m., Jacques Jacobs' Hotel Shelton ensemble.

Eastern Standard or Central Daylight Saving Time Stations
WBAL, Baltimore, Md. (245.8m.-1220kc), 6:30-7:30
p. m., dinner orchestra; 8-8:30, Frederick D. Weaver,

Tuesday, June 22 Atlantic Eastern Central Mountain Pacific Highways."
WMAQ (447.5m-670ke), Book talk.
11:30 | 10:30 | 9:30 | 7:30
WCCO (416.4m-720ke), "Outdoors in Minnesota."

Wednesday, June 23

Atlantic Eastern Central Mountain Pacific 9 p.m. 8 5
WKRC (422.3m-710kc), Book talk. 9
WS (440.9m-680kc), "Missouri in History," Roy Godsey.
WTIC (475.9m-630ke), Ukulele lesson, Dan Nolan,
14:30 10:30 9:30 8:30 7:30
KWSC (348.6m-860kc), Book review, Alice Lindsay Webb.

Thursday, June 24

Atlantic Eastern Central Mountain Pacific 7:30p.m. 6:30

WGY (379.5m-790kc), Outdoor talk.

8:30 7:30 6:30 5:30 4:30

WLW (422.3m-710kc), ''Modern Photography,'' J. Anthony Bill. 11 10 9 8 7 KFWB (252m-1190kc), Fishing and hunting.

### Triday, June 25

Atlantic | Fastern | Central | Mountain | Pacific |
8 p. m. 7 | 5 | 5 | 5 |
WOAW (526m-570kc), Music review, Hester Bronson Copper. |
9.30 | 8:30 | 7:30 | 6:30 | 5:30 |
WCAL (336.9m-890ke), Book talk. |
10 | 9 | 8 | 7 |
KFNF (250m-1200kc), "The Switzerland of America." WYNC (526m-570kc), Talk, Dr. Frank Vizetelly.

Saturday, June 26

Atlantic Eastern Central Mountain Pacific 3:45p.m. 7:45;
WRC (488.5m-640kc), "The Work of Congress." II 10 8 7

KFXF (250m-1200kc), "The Nation's Perpetual Playground."

Monday, June 28
Atlantic Eastern Central Mountain Pacific 8 p.m. 7 6 5 4 8 p..m. 7 6 5 4
WOR (405.3m-740ke), Current Events, H. V. Kaltenborn, tenborn, 8:30 7:30 6:30 5:30 4:30 WHAR (275m-1090ke), Industrial talk, R. Orville Neucnum. 9:05 8:05 7:05 6:05 5:05 WNYC (526m1570kc), Lecture, College of New York. rork. 9:15 8:15 7:15 6:15 5:15 WKRC (422.3m-710kc), "Constructive American-18m."

9 8 7 6

WRVA (256.3m-1170kc), "True Virginla Lore,"
Dr. Douglas S. Freeman.

11 10 9 8 7

KFXF (250m-1200kc), "Out Where the West Begins."

Tuesday, June 29 Atlantic Eastern Central Mountain Pacific 9:550 p.m. 8:50 7:50 6:50 5:50 WLW (422.3m-710kc), Talk, Powel Crosley, Jr. WIZ (454.3m-660kc), "Around the World Via the Southern Hemisphere."

8 7
KEXF (250m-1200kc), "Panoramic Colorado | Springs. | Springs.

dinner music; midweek hymn slng; 8:15, Hires Harvesters, WEEL WFI, WCAE, WLIB, WSAI, WWJ, WTAM; 9, Clicquot elub Eskimos, WEEL WJAR, WTAM, WFI, WCAE, WSAI, WTAM, WGR, WWJ, WCC, KSD. WCCO, WGN; 10, Silvertown Cord orchestra, WEEI, WFI, WCAE, WWJ, WGR, WOC, WCCO, WTAG, KSD, WSAI, WJAR, WGN, WADC; 11-12, Buffalodians.
WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford dance orchestra; 8; 15, WEAF, WGR, Buffalo, N. Y. (319m-940ke), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF, WHAR, Atlantic City, N. J. (275.1m-1090ke), 8 p. m., Seaside hotel trio; 9, studio concert; 11, Follies Bergere dance orchestra.
WHN, New York, N. Y. (361.2m-830ke), 8 p. m., Will Oakland's Chateau; 8:30, Loew's Gates theater orchestra; 9, Loew's 7th Ave. concert; 9:30, Loew's S3rd street orchestra; 11:30, Everglades orchestra; 12, Sophie Tucker's playground. Sylvano, Louis Panico, Guyon's Paradise ballroom or-chestra; Leona Hayes; 11-12, Flo and Ray, Phil Flem-ing; Melody Girls; 12-1 a. m., Panico panie.

WGHP, Detroit, Mich. (270.1m-iiloke), 6 p. m., dinner concert; 10-12, frolickers; Heek and Mac; Eddle Mc-Grath, Motortown trio; Marvelle Payette, soprano, Skylark dance band; 12-1 a. m., Gerald Marks' or-chestra.

Skylark dance band; 12-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 12-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 12-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 12-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 12-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 13-1 a. m., Gerald Marks' or elestra.

Rylark dance band; 13-1 a. m., 13-1 a. m.

program; 9:45, dance music.

WIB. Chicago, III. (302.8m-990ke), 7:15-8 p. m., WEAR; 11-11:20, Correll and Gosden; 11:20-1 a. m. Liberty studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's Drake hotel dance orchestra; Frod Hamm's Purple Grackle orchestra.

WLW. Cincinnati, Ohio (422.3m-710ke), 7 p. m., dinner concert, Hotel Gibson orchestra; 10:03, popular concert, Deherty Melody Boys; 11. Latonia Melody Boys; 11:30, Henry Theis and his orchestra; 12:15, Night Howls, Crosley Sky Terriers.

WMAQ, Chicago, III. (447.5m-670ke), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, music; 9:20, musical program, chines.

WMBB, Chicago, III. (249.9m-1200kc), 7-8 p. m.,

Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, pianist; 9-11, Trianon orchestra, orchestras; ensemble; Bob Bennett, popular, program.

non orthestra, orchestras; ensemble; Bob Bennett, popular program.
WOK, Chicago, III. (217.3m-1380kc), 4:30-7 p. m., Capitol theater organ; Tip-Top Inn string ensemble; Lorratine's Pershing Palace orchestra; Midway Garden orchestra; Capitol theater program.
WOJ, Chicago, III. (477.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Bert Davis; Lew Butler.
WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble; 8:15, Reo Broadcasting orchestra.
WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., Edgeworth Evening of music, chorus, fiddlers, negro quartet, orchestra; 11, Carry Me Back to Old Virginny.

quartet, orchestra; 11, Carry me Dack to Call in ginny.

WSAI, Cincinnatl, Ohio (325.9m-920ke), 7:15 p. m.,
WEAF; 8, WEAF; 9:15, WEAF.

WSWS, Chicago, Ill. (275.1m-1090kc), 6 p. m., Josephine
Oliver, Hugh Aspinwall; 7, John Loring Cook, music
school program; Gus Edwards orchestra; 10, Terrace
Garden quintet; 11, Kenneth Clark; Rudy Winter,
Billy Schaefer; 12-1 a. m., Witching hour.

WTAM, Cleveland, Ohio (339.4m-770kc), 6:45 p. m.,
Hollenden hotel orchestra; 7:15-9, WEAF; 9, studio
program.

program.
WTIC, Hartford, Conn. (475.9m-630ke), 7:30 p. m., Van
Massdyk and orchestra; 8, For-an-to Melody Makers,
Travelers quartet; 9, Emil Heimherger's Hotel Bond

Travelers quartet; 9, Emil Heimherger's Hotel Bond Central Standard Time Stations

KFAB. Lincoln, Nebr. (340,7m-830kc), 3:30-4 p. m.,
Buick Master Six orchestra.

KFH, Wichita, Kan. (267,7m-1120kc), 6:30-7 p. m.,
piano playing contest; 7-8, All Hiner, Forrest Markle;
Henty Martin, old-time fiddler,
KFNF, Shenandoah, Iowa (263m-1140kc), 7 p. m., program, Nebraska city.

KLDS. Independence, Mo. (440.9m-680kc), 8 p. m.,
Radio wedding, KLDS engineer, A. R. Moler, Hazel
Koehler.

Radio Wedding, RLDS engineer, A. R. Moler, Hazel Koehler, KMA, Shenandoah, lowa (252m-1190kc), 9-11 p. m., Ye Olde Tyme gang orchestra.

KMMJ, Clay Center, Nebr. (228-9m-1310kc), 8 p. m., Belford's Hawaiians and entertainers

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Harry Kobusch and his orchestra; 8:30, Raymond E. Lee, baritone; 9, Edna Adams.

KSO, Clarinda, lowa (241.8m-1240kc), 8 p. m., Clarinda band.

band.
KTHS. Hot Springs National Park, Ark. (374.8m-800kc),
9:05-9:20 p. m., Lawson Reld, organist; 9:20-10, Meyer
Davis stringed trio.
KVO. Bristow, Okla. (374.8m-880kc), 6-9 p. m., sur-

RVOO, Bristow, Okla. (374.8m-880kc), 6-9 p. m., surprise program.

KYW, Chicago, III. (535.4m-560kc), 6 p. m., musicale;
Hearst Square; 8-9:30, classical concert; 9:30-10:30;
Congress carnival.

WAMD, Minneapolis,
p. m., Liberty four.
WBAP, Fort Worth,
p. m., Davis Baking Powder saxophone octet; 9:30-11,
Harmony club; 11-12, Sorin-White Top o' Texas orchestra.

Harmony etto; 11-12, 50-31.

chestra:

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

Jimmy Joy's orchestra; 8:30-9:30, Wednesday Morning

choral club.

WHAS, Louisville, Ky. (399.8m-750kc), 7:30-8 p. m.,

lone Hoover, violinist; 8-9, West Louisville Evangelia.

church

WHB, Kansas City, Mo. (363.6m-820ke), 7-7:30 p. m.,
dlaner hour; 8-9. program, Mrs. J. D. Rheem; 9-10,
program, Drake hole,
WHO, Des Moines, Iowa (526m-570ke), 7:30-8 p. m.,
Philbreck and his Younker tea room orchestra; 8-9,
Bankers Life trio; 11-12, Bankers Life Corn Sugar

Bankers Life trio; 11-12, Bankers Life Corn Sugar orchestra, the Corn Leave or Cooper's Hawaiians. (499.7m-600kc), 8:30 p. m., Cooper's Hawaiians. WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Mistletoe Melody Maids. WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., organ, 6:50, Randall's Royal Fontenelle orchestra; 9, Sunshine program. WOC, Davenport, lowa (483.6m-620kc), 5:45-5:55 p. m., chimes concert; 6-9, WEAF; 9-9:30, Moline Plowboys. WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., concert; 10:45, Charles A. Sheldon, organist.

Mountain Standard Time Stations
CNRC, Calgary, Can. (435.8m-688ke). 9 p. m., Little
symphony orchestra; Gladys Webb Foster, violinist.
KFXF, Colorage Springs, Colo. (250m-1200ke), 9 p. m., Ray-O-Vac Twins.

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

Pacific Standard Time Stations 

11. Patrick-Marsh dance orehestra, Betty Patrick, soloist.
11. Patrick-Marsh dance orehestra, Betty Patrick, soloist.
12. Patrick-Marsh dance orehestra, Betty Patrick, soloist.
13. Pontiac Six dinner hour; 8-9, program, McGavin
Brothers Baking company; 9-10, program, Delf's Ice
Cream; 10-11, Warner Brothers frolie.
13. KGO, Oakland, Calif. (361-2m-330ke), 8-9 p. m.,
vacation program; Roy O. Lowenfels, saxophonist;
Helen Hart, pianist; Fisbing Jum Pike; WOW male
trice 9-12, Brokaw and orehestra.
14. KGW, Portland, Ore. (491-5m-610kc), 6-7 p. m., dinner
concert; 8-10, vaudeville program, Four Saliors; Ebony
and Ivory, piano duet; Motor Coach entertainers;
Tommy Luke's Flower girls; 10-12, Cole McElroy's
dance orchestra.
14. Los Angeles, Calif. (405-2m-740kc), 6-30-7:30
p. m., Children's hour with Uncle John; 8-10, Zoeliner
string quartet; 10-11, dance music.
15. KIK, Sasttle, Wash. (384-4m-780kc), 8-30-10 p. m.,
orchestra; 10-10:30, Benjamin Franklin Electric company; 10:30-12, Keep Joy Radiating Order of Batts.
15. KNX, Hollywood, Calif. (336-9m-890kc), 7-8 p. m.,
program, Wright, Alexander and Greeley; 8-9, program,
Willys-Overland dealers; 9-10, Balboa Beach Nuts; 1011, studio program; 11-12, Ambassador hotel dance
orchestra; 12-2 a. m., Don Meaney's midnight frolic.
15. KPSN, Pasadena, Calif. (315-5m-850kc), 8-9 p. m.,
Pasadena Chamber of Commerce.
15. KTAR, Oakland, Calif. (239-9m-1250kc), 8-10 p. m.,
studio program,

#### Friday, June 25

Headliners Today

Atlantie Eastern Contral Mountain Pacific 8:15 p. m. 7:15 6:15 5:15 4:15 WGY (379.5m-790kc), "The Arrival of Kitty," WGY players. 8:50 7:50 6:54 8:50 7:50 6:50 5:50 WOAW (526m-570ke), Jaffy and Braviroff. 9 8 7 6 5 CNRA (312.4m-960kc), "Yellow Roses," dramatic sketch. 9:15 8:15 7:15 6:15 5:15 WRVA (256.3m-1170kc), An evening with Rudyard Kipling. 

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

#### Atlantic or Eastern Daylight Saving Time Stations

CNRA, Moncton, Can. (312.4m-960kc), 9 p. m., CNRA orchestra; Walter Flowers, reader; Frank Ellot, tenor; Dr. Fred E. Burden, clarinetist; dramatic sketch, 'Yellow Roses'; clug daneing, Carl Crandall; R. Algie, Scotch songs; Verne Miller, whistler; selections from musical comedies, Mrs. Harold Cole, soprano, Frank Ellot, tenor. CNRT, Toronto, Can. (356.9m-840kc), 6:30 p. m., Lulgi Romanelli and his King Edward hotel concert orchestra; 10, Radio Raiders; 11. Luigi Romanelli and his King Edward hotel dance orchestra.

#### Friday, June 25

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., studio program; 8, "Great Artist" organ rectual; 9, drawing room recital; 9:30, The Four Gondoliers and Nicholas Teutonico, baritone; 10, popular program;

and Nicholas Teutonico, baritone; 10, popular program; 10:30, dance orchestra.
10:30, dance orchestra.
10:30, dance orchestra.
10:30, wind, Pa. (461.3m-650ke), 6:30 p. m., dinner concert; 8, studio program; 9:30, concert; 10:00, wind, Pa. (277.6m-1680ke), 8:45 a. m., Well, Philadelphia Pa. (277.6m-1680ke), 8:45 a. m., remsylvania concert orchestra; 7:30, Swellenburg instrumental trio; 8, concert; 8:15, Enrico Account, enor; 8:30, Singting Grounding; 3:33, Dwighs Strickland, 'poetician'; 9, Regina Cromore; 9:15, Nascelland, 'poetician'; 9, Regina Cromore; 9:15, Nascelland, 'poetician', armony songs; 10:30, Myers Musical Architects. Steal Architects.

WCSH, Portland, Me. (256.3m-1170ke), 10:30 p. m.,
WEAF.

WEAF, New York, N. Y. (491.5m-610ke), 6-12 midnight, dinner music: Happiness Candy Boys: Goldman band concert; Whittall Anglo-Persians; Hotel Bossert Marine Roof orchestra; Pelham Heath Inn orchestra. WEBI, New York, N. Y. (272.6m-1100ke), 7 p. m., Blenheim theatter eusemble; 7:30, Luna's Knickerbocker Grill orchostra; S. Phillip Krumholtz, baritone; 8:15, ukulele duets; 8:39, Luna's Marine band. WFI, Philadelphia, Pa. (394.5m-760ke), 6:30 p. m., Bellevue Stratford concert orchestra; 7, Bellevue Stratford donce orchestra.

Bellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra; 7, 1981 even Stratford dance orchestra; 7, 1981 even Stratford dance orchestra; 7, 1981 even Stratford Grand Rings, planist; 7, Winger's Crescent Park entertainers; 7:30, WEAF: 8, reading, Mrs. J. Belanger, "Levinsky at the Wedding," 8:30, Eythol McMullen, planist; 9 Solow's soloists; 9:30, WEAF: 10, Guida Fraser, soprano; Conrad Rundell, tenor; 10:30, Mrs. Albert Messersmith, planist; Harriett Shire, soprano; 11, Vincent Lopez Hotel Statler dance orchestra.

WHAR, Atlantic City, N. J. (275.1m-1090kc), 8 p. m.

WHAR, Atfantic City, N. J. (275.1m-1090kc), 8 p. m., Seaslde hotel trio.
WHN, New York, N. Y. (361.2m-830kc), 7 p. m., Country club orchestra; 71:30, Treasurcland Neighbors; 9:30, Palisades Anusement Park orchestra; 10: Roseland dance orchestra; 10:30, Strand Roof orchestra; 11:30, Club Alabam orchestra; 12; Silver Slipper orchestra;

11:30, Club Alabam otenesta, 12, 500.

WiP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. n.,
Benjamin Franklin concert orchestra.

WJAR, Providence, R. i. (305.9m-980kc), 8 p. m.,
nuslcale: 8:30, Gorman's Jolly Bakers; 9, musicale;
10, WEAF; 11, Providence Bittmore dance orchestra. 10, WEAF; 11, Providence Biltmore dance orchestra.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m.,
Georgo Olsen's Hotel Pennsylvania Grill orchestra; 8,
Sundial Shoo serenaders; 8:30, Bonnie Laddies; 9,
Snider's Catsup hour; 10:30, Harold Stern's Hotel
Belleclaire Roof orchestra.

WLIT, Philadelphia, Pa. (384.5m-750kc), 9 p. m.,
Schickerling artists; 10, Morning Glory club; Arcadia
cafe dance orchestra; 10:30, Rufus and Rastus; 11,
Freshman Masterpiece hour.

WMAK, Buffalo, N. Y. (285.3m-1130kc), 6:30-7:15 p. m.,
Hotel Lafayette orchestra; 7:30-10:30, WGY; 10:3011:30, University Terrace sub-division.

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m.,

11:30, University Terrace sub-division.

WMCA, New York, N. Y. (340.7m-880kc), 6:30 p. m.,
Ernie Golden and his Hotel McAlpin orchestra; 8:40.
Muscle Shoals; 8:50, Broadway association; 9, Paul
Whitman's Beau Rivage orchestra; 9:30, Kilch's serenading Shoemakers; 10:15, Coughlin announcement;
12, McAlpin entertainers.

WOQ, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m.,
Ritz Carlton dance orchestra; 8:15, WOQ orchestra;
9:25, concert, Fox incater; 10, WEAF; 10:30, Sylvania
dance orchestra.

WOR, Newark, N. J. (405.2m-740kc), 6:40 p. m., Hotel
Bretton Hall string quartet.

Eastern Standard or Central Daylight
Saying Time Stations

Saving Time Stations
WBAL, Baltimore, Md. (245.8m-1220ke), 6:30-7:30 p. m.,
dinner orchestra; 8-9, musicale; 9-10, Baltimore City
Park orchestra

WBAL, Baltimore. Md. (245.8m-1220kd), 6.30-1.40 p. Int., dinner orchestra; 8-9, musicale; 9-10, Baltimore City Park orchestra.

WBBM, Chicago, Ill. (225.4m-1330ke), 8-10 p. m., Alemite orchestra; Harmony time.

WCAP, Washington, D. C. (468.5m-640ke), 6:55-8 p. m., studio program; 8-8:30, program; 9-9:30. WEAF; 9:30-10:30, studio program.

WEBH, Chicago, Ill. (370.2m-810ke), 7 p. m., 0s-born's orchestra; Bernard Weber; Pauline Sachs; 9:15, Osborn's orchestra; Bernard Weber; 11-12:30 a. m., orchestra; Irene Beasley; Day and Knight.

WENR, Chicago, Ill. (265.3m-1130kc), 6-7 p. m., Rauland lyric trio; 8-9, Micody Bible Institute hour; 9-10, Arthur Dunns, popular program; 12-2 a. m., midnite froite.

WGES, Oak Park, Ill. (249.9m-1200kc), 5-7 p. m., request inglict; 8-9, Joe Warner, Jole Walsh, Tom Wheeler; Melody Girls; 11-1 a. m., Jinmy Wall, Clarence Theders; Peggy O'Neill, Ester Richard, Pat Rvan.

quest night; 8-9, Joe Warner, Jole Walsh, Tom Wheleie; Melody Girls; 11-1 a. m., Jiunay Wall, Clarence Theders; Peggy O'Neill, Esther Richard, Pat Rvan.

WGHB. Clearwater, Fla. (265.3m-1130kc), 8:30-10 p. m., Mrs. Howard Moore, organist.

WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner concert; 10-11, WGHP entertainers; 11-12, dance band; 12-1 a. m., Gerald Marks' orchestra.

WGN, Chicago, Ill. (302.8m-990kc), 6:35-7 p. m., musical program; 7:15-8:15, Paul Asi; 8:15-9:30, quartot; 9:30-10, Phantom violin; 10-10:10, Sam 'n' Henry; 10:10-11, musical program, ensemble.

WGY, Schenectady, N. Y. (395.5m-790kc), 6:35 p. m.; WGY orchestra; 7:15, comedy, "The Arrival of Kitty," WGY players; 9:30, musical program.

WHT, Chicago, Ill. (399.8m-750kc), 7 p. m., Al Carney; 10:15 (228m-1260kc), Cinderella eafe orchestra; 10:30 (399.8m-750kc), Sunbeam Girls; 12 midnight, your hour league.

WHBO, Chicago, Ill. (225.4m-1330kc), 6-8 p. m., dinner program, string trio; Charlotte Edwards, contratio; 10-12, popular program; Tod Florito, pianist; Dan Russo, violinist; songs, monologues; Tony Corcoran; Hickey and Johnson.

WHAZ, Chicago, Ill. (325.8m-910kc), 9-12 mid. Earl Hoffman's Chez Pierre orchestra: The Quips that Pass in the Night; Walter Levis, bartione; Eulalie Kober, planist; Dorris freno Bergy, ontraine; Eulalie Kober, planist;

orchestra; Midway Garden Otthesara, Capt.

wood, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m.,

"Wagner," Blanche Fox Steenman's 14th music talk;

9:15, Mrs. W. V. Morrow, Melissa Drovak, Henry

Vaughn; 10:05, classical concert.

WOJ Chienge, Ill. (477.5m-670kc), 7-8 p. m., Bainbo

Gardens orchestra; Kenneth Sterling; 10-2 a. m., or
chestra; Murlel Olson, contralto; Johnny Poat, bari
tone; Romo Vincent.

WREO. Lansing, Mich. (285.5m-1050kc), 6-7 p. m.,

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., dinner concert.

WRVA. Richmond, Va. (256.3m-1170kc), 7 p. m., Hotel Richmond orchestra; 8:15. with Rudyard Kipling, quartet, reader; 10-11, Hotel Richmond orchestra.

WSWS, Chleago, III. (275.4m-1090kc), 6-7 p. m., Zola Haynes, Peter Gross, tenor; 8. Terrace Gardens orchestra; 10. Ruth Boutay, blues; Josephine Oliver, Terrace Gardens quintet; 12. Witching hour.

WTAM, Cleveland, Ohio (369.4m-770kc), 6:45 p. m., Hotel Cleveland orchestra; 8, studio program; 9, WFAP; 9:30, studio program; 8, studio program; 9, WTIC, Hartford, Conn. (475.5m-630kc), 6:50 p. m., piano reeltal, Laura Gaudet; 7:30, Colf's Park Municipal dance orchestra; 8:30, Shelton Post, American Legion program; 9:30, WTIC mail bag; 9:45, the Debutants.

butants.

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

Central Standard Time Stations

Central Standard 1 ime Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m.,

Buick Master Six orchestra; 8:30-9, Buick Little symphony; 9-10:30, Out-of-town artists.

KFDM, Beaumont, Tex. (315.6m-950kc), 7:30-8 p. m.,

children's program; 8-10, Refinery hand.

KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m.,

plano playing contest; 7-8, classical program.

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

musicale, Hastings, Nebr. (268.3m-1140kc), 7:30 p. m.,

program, Lafe Corbin.

KMA, Shenandoah, Iowa (252m-1190kc), 9-11 p. m., De

Luxe program.

Luxe program. KMMJ, Clay Center, Nebr. (228.9m-1310kc), 8 p. m.,

WSM, Nashville, Tenn. (282.8m-1060ke), 7 p. m., Andrew Jackson hotel trio; 8, vocal recital; 10, Blue-Grass serenaders.

Mountain Standard Time Stations

CNRE, Edmonton, Can. (516.9m-580kc), 8:30-10:30 p. m., Alberta concert party. KFXF, Colorado Springs, Colo. (250m-1200kc), 8 p. m., Margaret Delano Osborne, pianist; W. Sidney Phelps, baritone.

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

Pacific Standard Time Stations

Pacific Standard Time Stations
CRNV, Vancouver, Can. (291.1m.1080ke), 9 p. m.,
Dorothy Fewster, Gertrude DeVos, Corrinne Taylor,
Ella Whitecross, Marforle McNab, Elsie Swann, Phyllis
Fewster, Bessie Pilsworth, May Miller, Hilda Binns,
Richard Leither, Walter James, James D. Halliday,
Richard Goodwin, Arthur J. Foxall, Nan Foxall 10:30,
Cabaret Belmont orchestra; Bebe Muller, soprano.
KFI, Los Angoles, Calif. (467m-642ke), 7-8 p. m., Old
Timers' program; 8-9, Aeolian organ; 9-10, Evelyn
Ford, soprano and others; 10-11, Packard builad hour.
KFWB, Hollywood, Calif. (52m-190ke), 6-7 p.m.,
Studios 8-9, program, John Wright, The Right Tailor;
Brothers frolic, Marner Brothers Snycopators; 10-11, Warner
Brothers frolic, Ore, (491.5m-610kc), 6-7 p. m., dinner
concert; 8-9, vocal and instrumental concert; 9-10:30,
vocal and instrumental; 10:30-12, frolic, Keep Growing
Wiser Order of Hoot Owis, Pantages stars, features,
KHJ, Los Angoles, Calif. (405.2m-740kc), 6:30-7:50 KMMJ, Clay Center, Nebr. (228.9m-1310ke), 8 p. m., Hanson's orchestra.

KMOX, St. Louis, Me. (286.2m-1070kc), 6:30 p. m., Jacquinot Jules, organist; 7, orchestra, popular music, whistlers; 8, light opera; 9, operatic selections; 10, music Lover's hour, orchestra, classical selections; Helen Mustck, dramatic soprano.

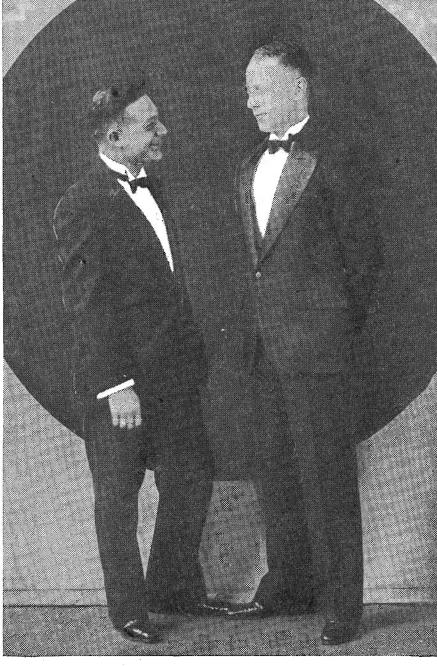
(SO, Clarinda, 10wa (241.8m-1240kc), 8 p. m., music; 8:30, Dr. D. J. Thomas, pianist.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-10 p. m., Edward Richter, cellist; operatic mirror, Meyer Davis ensemble; 10-10:30, Ray Mullins orchestra.

KVOO, Bristow, Okia. (374.8m-800kc), 6-9 p. m., Josephine Storey-White.

KYW, Chicago, III. (535.4m-560kc), 6 p. m., musicale; 7-8, Federal Masters; 9:30-11, Congress carnival.

WAMD, Minneapolis, Minn. (243.8m-1230kc), 6:30 p. m., Liberty Four; 7:15, Radisson concert ensemble; Jolin Gate orchestra.



Sam and Henry—hold your hats and don't rise until the car stops moving, dear readers—have been exposed by the Chicago Tribune, so we know of no reason why we, too, should not tell you the truth. Yes, they are none other than Correll and Gosden, the famous singing team of WGN and WLIB. So here they are in person, just as they appear when doing their "Sam 'n' Henry" act, for they do not black up.

WBAP, Fort Worth, Tex. (475.9m-630ke), 7:30-8:30 p. m., Panther Hawaijan trio; 9:40-11, Sunflower Girl; 11-12, ballads, Bess Adams, pianist.

WCOA, Pensacola, Fla. (222m-1350kc), 7-10 p. m., John E. Frenkel; Emilio O'Brien Motta, violinist; St. Michael church choir; Anita O. Villar, vocalist; Cbarles J. Herbert, bass; San Carlos trio.

Coaries J. Heroert, bass; San Carios trio.

WFAA, Dallas, Tex. (475.9m-630kc), 6:30-7:30 p. m.,
Shaw-Smith College club orchestra; 8:30-9:30, Southland Life Insurance company.

WGBF, Evansville, Ind. (236.1m-1270kc), 7 p. m.,
musicale, A. L. Maxwell company; 8, various; 11, D-X
hunting club.

nunting ciub.
WHAS. Louisville, Ky. (389.8m-750kc), 7:30-9 p. m.,
H. M. S. Pinafore.
WHB, Kansas City, Me. (365.6m-820kc), 7-8 p. m.,
Sweeney Radio orchestra.

WHO, Des Moines, Ia. (526m-570kc), 7:30-9 p. m., Elwood Compton, Jr., trumpet soloist; Franklin Kagym, violoncellist; George Ricketts, baritone; 11-12, Philbreck and his Younker tea-room orchestra.

WMC, Memphis, Tenn. (499.7m-600kc). 8:30 p. m., Hotel Gayoso orchestra; 11, Harry O. Nichols, organist. WOAI, San Antonio, Tex. (394.5m-760ke), 8:30 p. m., San Antonio College of Music program, or Walter Dunham Harmonologue.

WOAW, Omaha, Nebr. (526m-570ke), 8 p. m., music review; 6:50, Jaffy and Braviroff; 9, M. C. Peters Mill

view; 6:50, Jany and Lec-company. WOC. Davenport, lowa (483.6m-620ke), 5:45-5:55 p. m., chimes concert; 8-8:30, WEAF; 8:30-9:30, Old Fid-

WOS, Jefforson City, Mo. (440.9m-680kc), 8:20 p. m. New Lead and Dam District of Missouri program. WSB, Atlanta, Ga. (428.3m-700kc), 8 p. m., program, Gertrude Johnson; 10:45, concert. WSBT, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m., musicale. p. m., Uncle John and the children; 8-10, tower studio presentation; 10-11, dance music. KJR, Seattle. Wash. (384.4m-780ke), 8:30-10 p. m., Post Intelligencer studio program; 10-11, Nute Motor company.

company.

KNX. Hollywood, Calif. (336.9m-890ke), 7-8 p. m.,

Bad Egg club; 8-9, Jell-X-Coll program with Charlie

Melson and his Playboys; 9-10, Order of Optimistic

Donuts; 10-11, Fights from American Legion stadium;

11-12, Ambassador hotel dance orchestra.

#### Saturday, June 26

Headliners Today

Atlantie Eastern Central Mountain 8:15 p. m. 7:15 6:15 5:15 WOR (405.2m-740kc), Orange Chamber of C Misseane. 8:30 7:30 6:30 5:30 4:30 KFH (267.7m-1120kc), Piano playing contest. 10 9 8 7 6 WHAS (399.8m-750kc), Aurelius male quartet. 

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

Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving

Time Stations

WAHG, Richmond Hill, N. Y. (315.6m-950kc), 12 mid., variety program.

WCAE. Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8:30. concert.

WEAF. New York, N. Y. (491.5m-610kc), 6:30 p. m., dinner mustc; musical councedy hits, orchestra, Goldman band concert; Ben Bernie and his orchestra; Vineant Lopez, orchestra, 10:45.

WFI, Philadelphia, Pa. (394.5m-760kc), 6:30 p. m., Bellevue Stratford dencert orchestra; 7. Bellevue Stratford dance orchestra; 8. concert from studio; 11, Bellevue Stratford dance orchestra; 8. concert from studio; 11, Bellevue Stratford, N. J. (275.1m-1090kc), 8 p. m., Senside hotelphia, Pa. (508.2m-590kc), 8:45 p. m., Creatore and his band; 9:30, Charles Fry's dance orchestra; 10, Nick Nochols dance orchestra; 10:45, Ted Weems Novelty orchestra; 11:05, organ recital from Genarown theter.

WHAF, 10:40, Nick Nochols dance orchestra; 10:45, Ted Weems Novelty orchestra; 11:05, organ recital from Genarown theter.

WHAF, 10:50, WICAF, WICAF, WICAF, 10:50, pm., Hotel Madison concert orchestra; 8, Congressional Forun; 10:30, Record Boys; 11, Hotel Madiower dance orchestra; 10:17, Philadelphia, Pa. (394.5m-760kc), 7:30 p. m., Benjamin Franklin orchestra.

WMAK, Buffalo, N. V. (265.5m-1130kc), 7:30-8:30 p. m., dinner music, Onondaga hotel, WGY; 8:30-10, musicale.

WMCAF, 10:50, N. V. (340.7m-880kc), 7 p. m., MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR, New York, N. V. (340.7m-880kc), 7 p. m., MCAR, MCAR,

dinner music, Onondaga hotel, WGY; 8:30-10, musicale.

WMCA, New York, N. Y. (340.7m-880ke), 7 p. m.,
Tappen's orchestra; 9:30, Stauch's orchestra; 10,
Coughlin entertainers; 11, Ernie Golden and his Hotel
McAlpin orchestra; 12, McAlpin entertainers.

WOO, Philadelphia, Pa. (508.2m-590ke), 7:30 p. m.,
Adelphia Roof Garden oschestra.

WOR, Newark, N. J. (405.2m-740ke), 8:40 p. m.,
Jacques Jacobs' Hotel Shelton ensemble; 7:30, Orests'
Queensland orchestra; 8:15, Orange Chamber of Commerce musical program; 11, Crystal Palace orchestra.

Eastern Standard or Central Daylight

Saving Time Stations
WBBM, Chicago, III. (225.4m-1330kc), 8-10 p. m., Alemite orchestra; 10-11, dance period; 12-2 a. m., Matched Unit quartet; Ziegler Stars.

Matched Unit quartet; Ziegler Stars.

WEBH, Chicago, III. (370.2m-810ke), 8 p. m., songs, Frank Greff; 9:15-10, Edgewater Beach hotel orchestra; 11-12 midnight, Edgewater Beach hotel orchestra; Kay Ronayne; 1-2 a. m., frolic.

WENR, Chicago, III. (265.3m-1130ke), 6-7 p. m., Rauland Iyric trio; 8-9, Arthur Dunas, popular program; 9-10, All-American Pioneers; 12-2 a. m., midnite frolic.

Rauland lyric two; o-y, anomo, gram; 9-10, All-American Pioneers; 12-2 a. m., midnite frolic.

WGES, Oak Park, III. (249.9m-1200kc), 5-7 p. m.,
Paradise Plane; Leona Hayes; 8-9, Louis Panleo;
Guyon's Paradise ballroom ouchestra; 11-1 a. m.,
Bobby Lee, Casey and Gervais; Peggy and Esther;
Jack Lavin.

WGN, Chicago, III. (302.8m-990kc), 6:35-7 p. m., mustcal program; 8:30-9:30, light opera concert; 9:30-10, "In
a Gondola"; 10-10:10, Sam "n' Henny; 10:10-11, ensemble.

ole. Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., ol Onondaga dinner program; 9:30, Hotel Van

WGY. Schenectady, N. Y. (379.5m-790kc), 5:30 p. m., Hotel Onondaga dinner program; 9:30, Hotel Van Curler dance orchestra.

WHT, Chicago, III. (399.8m-750kc), 7 p. m., Al Carney, organist; 7:40, classical hour; 10:15. (238m-1260kc), Cinderella orchestra; 10:50 (399.8m-750kc), Jack Turner; Ireno Smith; 12 midnight, your hour league.

WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner program; string tric; Frances Scheibe, George Hancher, Evelyn Elliott, Christopher Hendra.

WJAZ, Chicago, III. (329.5m-910kc), 9-1 a. m., Earl Hoffman's Chez Pierre orchestra; Mile. Liseuse, graphologist; Chez Pierre Hawaiian quartet.

WJJD, Mooseheart, III. (370.2m-810kc), 5:40-7 p. m., Howard L. Peterson; Palmer House Symphony players; Victorians; Isabel Defaut; Vistorians; Cook Sisters; 12-1 Settin' Up hour.

WJR, Pontfac, Mich. (516.9m-580kc), 7 p. m., Stromfeltz-Loveley serenaders; 9, Jean Goldketle's serenaders; 9:30, Caspar Lingoman Merrymakors; 11:30, Merry Old Chief.

WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m.,

Settin' Up hour.

WIR. Pontiae. Mich. (516.9m.580kc). 7 p. m., Stromfeltz-Loveley screenders; 9. Jean Goldkette's screnaders; 9. 30. Caspar Lingoman Merrymakors; 11:30, Merry Old Chef.

WKRC. Cincinnati, Ohio (422.3m.710kc), 10 p. m., Bernie Cummins orchestra; 11. Sam Jones; 11:15, Bernie Cummins orchestra; 11:40, classical music.

WLIB, Chicago, III. (302.8m.990kc), 7:15-7:30 p. m., dlimer concert; 7:30-8, Drake concert ensemble, Blackstone string quintet; Pattison Coates, bartione; 11-11:20, Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Ambrose Larsen, organist; Purple Graekle orchestra.

WLW. Clincinnati, Ohio (422.3m-710kc), 7 p. m., popular organ concert, Johanna Grosse; 7:20, meeting. Sekatary Hawkins Radio club; 8, Johanna Grosse; 8:30, dance music., Calico Cat; 9, Henry Theis and his Castle Farmers.

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8, Daw and Pratt; 8:30, photologue; 9, Chicago theater revue, WMBB, Chicago, III. (249.9m-1200kc), 7-8 p. m., Trianon ensemble; Hilda Hinrichs, cellist; Margaret Conrad, violinist; Preston Graves, pianist; Franklin Kldd, tenor; Arvid Anderson, program; 9-11, Trianon orchestra; ensemble; popular program.

WOK, Chicago, III. (217.3m-1380kc), 4:30-7 p. m., Captlol theater organ; Tip-Top Inn ensemble concert; 10-1 a. m., Tearney's Town club orchestra; Carl Lorraine's Pershing Paloco orchestra; Midway Garden orchestra; Capitol theater program; 1-2, Tearney's Town elub orchestra; Capitol theater program; 1-2, Tearney's Town elub orchestra; Midway Garden orchestra.

WODD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Elizabeth Barker Van Campen hour of music; 10:55. Savutime program; 10:35, Chuck Helwegen's Ramona Gardens orchestra; Jean Carlson, soprano; Kenyth Dunn, pianist; Peter Gruber, violinist; 10-3 a. m., Jerry Sullivan; artists.

WEQ, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., chimes; 8:30, Bicycle Playing card sextet; 12, popular program.

WSMS, Chicago, III. (225.1m-1090kc), 6 p. m., chimes;

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, Little symphony orehestra, KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., plano playing contest; 7-8, J. O. Adams music com-

pany; KFNF, Shenandoah, Iowa (263m-1140ke), 7 p. m., open; KFNF, Shenannown, lowa (265m-1140kg), 7 p. hl., open; 11, old-time music. KLDS, Independence, Mo. (440.9m-680ke), 8 p. m., August Zander, studio program. KMMJ, Clay Center, Nebr. (228.9m-1310ke), 8 p. m., orobester.

chestra. KMOX, St. Louis, Mo. (280.2m-1070ke), 6:80 p. m., Jacquinot Jules, organist; 7, orchestra; 8, light opera selections; 9, orchestra, operatic selections; 9:30, soloists; 10, chimes, presentation "Fantastique Orientale."

ists; 10, chimes, presentation "Fantastique Orientale."

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m.
Bible class; 8, Frank Tilton, blind pianist; 10:30,
Harold Oxley's Warwick hotel orchestra.

KTHS, Hot Springs National Fark, Ark. (374.8m-800kc),
9:05-10 p. m., New Arlington botel orchestra; 1010:15, Bryd Rigsby, contralto.

KVOO, Bristow. Okla. (374.8m-800kc), 6-9 p. m., Marshall Van Pool and his Radio orchestra.

KYW, Chicago, Ill. (535.4m-560kc), 6, p., m., hour of music; 7, KYW's Congress hotel studio; 8-9:30, classical concert; 9:30-11. Congress carnival.

WAMD, Minneapolis, Minn. (243.8m-1230kc), 7:15 p. m., popular program, Harmony twins; Carl Haubrich, baritone; orchestra.

popular program, Harmony twins; Carl Haubrich, baritone; orchestra.

WBAP, Fort Worth, Tex. (475.9m.630kc), 7:30-8:30
p. m. Sunday school lesson, Mrs. W. F. Barnum; 9:3011, Don Stegall and his band.

WFAA, Dallas, Tex. (475.9m.630kc), 6:30-7:30 p. m.,
Jimmy Joy's orchestra; 8:30-9:30, Fourth anniversary
program; 11-12, Jack Gardner's orchestra; 12, Fourth
anniversary,
WHAS, Loulsville, Ky. (399.8m-750kc), 7:30-8 p. m.,
Hotel Kentucky orchestra; 8-9, Aurclius male quartet,
WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m.,
George Hughos.

#### Saturday, June 26

WOAI, San Antonio, Tex. (394.5m-760kc), 11 a. m., First Presbyterian church; 7:45 p. m., Central Christian WOAW, Omaha, Nebr. (526m-570kc), 6 p. m., orchestra; 6:50, orchestra; 9, program, Omaha Printing company;

10, organ.
WOC, Davenport, lewa (483.6m-620kc), 5:45-5:55 p. m., chimes concert; 9-10, musical program, American

WOG, Davenport, 10wa (100.0m. versor), chimes concert; 9-10, musical program, American Legion Post.

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

WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., Andrew Jackson hotel trio; 8, popular and barn dance

Mountain Standard Time Stations KFXF, Colorado Springs, Colo. (250-1200kc), 8 p. m. Mrs. Benjamin Lefkowsky, pianist.

Mrs. Benjamin Lefkowsky, planist.

Pacific Standard Time Stations

Kfl. Los Angeles, Calif. (467m-642ke), 7-8 p. m., Al
Wesson's orchestra; Paul Roberts, soloist; 8-9, Angelus
string trio; 9-11, program by Associated Packard
dealets of California, also broadcast by KPO: 11-2
a. m., KFl midnight frolic.
KFWB, Hollywood, Calif. (252m-1190ke), 6-7 p. m.,
Pontiac Six dinner hour; 8-9, Smith Investment company program; 9-11, Warner Brothers frolic, Len Nash
and his Country Boys.
KGO, Oakland, Calif. (361.2m-830kc), 8:10 p. m., H. C.
Capwell company program; Hollister McGuire, tenor.
Eva M. Garcia, pianist; Joseph de Fao, harmonica
soloist; Beatrice Benaderet, contralto; Helen Hart,
planist; Harmony Hick Parker and ukulete; 9-9:30,
Philharmonic society; 9:30-10:30, Odd Fellows band,
10:30, dance music.
KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., dinner
concert; 10-12, Herman Kenin's dance orchestra; Punch
Green, pianist.

concert; 10-12, Herman Kenin's dance ordinesta, 10-10. Green, planist.

KHJ, Los Angeles, Calif. (405.2m-740kc), 6:30-7:30 p. m., Uncle John and the childen; 8-10, Times de luxe procram; 10-11, dance music.

KJR, Scattle, Wash. (384.4m-780kc), 8:30-10 p. m., Savage concert orchestra.

KNX, Hoflywood, Calif. (336.9m-890kc), 7:30-8 p. m., program, Smith Investment company; 8-9, Luna Park hour; 9-10, feature program; 10-11, Ambassdor hotel dance orchestra; 11-2 a. m., Hollywood Nite and Filmland frolic.

land frolic.

KPSN, Pasadena, Calif. (315.6m-950kc), 8-9 p. m., Star-News ensemble.

#### Sunday, June 27

Headliners Today 

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 Memorlal church; 7 p. m., St. Paul's Anglican
church. Eaton Memorial Guizei; 7 p. u., 5t. Faul's Anglican church.

WCAE, Pittsburgh, Pa. (461.3m-650ke), 6:30 p. m., dinner concert; 7:20, Capitol theater, WEAE

WCAU, Philadelphia, Pa. (277.6m-1080ke), 5 p. m., recital; 5:15, undenominational church services; 5:35, sermon, Rev. John W. Stockwell; 5:45, continuation of recital; 6:30, Pennsylvania concert orchestra; 8, Bonwit Teller ensemble.

sermon, Rev. John W. Stockwell; 5:45, continuation of recital; 6:30, Pennsylvania concert orchestra; 8, Bonwit Teller ensemble.

WCSH. Portland, Me. (256.3m-1170kc), 10:30 a. m., Central Square Bapist church; 1:30, Radio Parish church; 7:20, First Baptist church.

WEAF, New York, N. Y. (491.5m-610kc), 3-4 p. m., cburch service; 4-4:30, sacred music; 4:30-5:30, Federation mixed quartet; 7:20-9:15, Capitol theater; 9:15-9:45, Atwater Kent program, Allen McQuhae, tenor; 9:45-10-45, musical program.

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

WHAR, Atlantic City, N. J. (275.1m-1090kc), 10:45 a. m., Chelsea Baptist church; 2:15 p. m., sacred recital, Seaside hotel tric; 7:50, Chelsea Baptist church; 9, with the classics, Seaside hotel ensemble.

WHN. New York, N. Y. (361.2m-830kc), 7:30 p. m., Calvary Erening services; 10:45, Janssen's Hofbrau orchestra; 12, Sophie Tucker's playground.

WIP, Philadelphia, Pa., (598.2m-590kc), 10:45 a. m., services, Holy Trinity chapet.

WJZ, New York, N. Y. (454.3-660kc), 7 p. m., Park Arenue Baptist church carillon; 7:20, Hotel Pennsylvania concert orchestra; 10, Godfrey Ludlow, violinist, Natrodia cafe concert orchestra; 10, Godfrey Ludlow, violinist, Natrodia cafe concert orchestra; 10, Godfrey Ludlow, violinist, WAIT, Philadelphia, Pa. (398.3m-760kc), 2:15 p. m., Arcadia cafe concert orchestra; 6:30, organ rectal; 7:30, Ben Frankiin concert orchestra; 6:30, organ rectal; 7:30, Ben Frankiin concert orchestra; 6:30, organ rectal; 7:30, Red Prankiin concert orchestra; 6:30, organ rectal; 7:30, Ben Frankiin concert orchestra; 6:30, organ rectal; 7:30, editornia Rambiers.

WOO, Philadelphia, Pa. (508.2m-590kc), 2:15 p. m., musical exercises, Bethany Sonday school; 6, organ rectal; Carteviac Rambiers.

Eastern Standard or Central Daylight

Eastern Standard or Central Daylight
Saving Time Stations

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

WBBM, Chicago, III. (225.4m-1330ke), 12:30-2 p. m.,
noon-hour of music; 4-6, matinee; 8-10, Melody hour;
11:59-3 a. m., Nutty club,
WCAP, Washington, D. C. (468.5m-640ke), 11 a. n.,
St. John's Epilscopal church; 4 p. nn., Peace Cross
service; 8:15-8:45, WEAR; 8:45-9:45, musicale.

WCBD, Zion, III. (344.6m-870ke), 9 p. m. Laddies'
quartet, celestial bells, organ music; trio, duets; Mrs.
P. LaRose, contralto; Bentrice Been, soprano; songs,
Rhoda Wise; Mirian Hollingshead, flutist; Ruth Petrie,
planist; Lois Wiedman, reader.

WEBH, Chicago, III. (376.2m-810ke), 10:40 a. m., Seventh Church of Christ, Scientist; 7-9 p. m., artists' program.

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

WENR, Chicago, III. (265.3m.1130kc), 9:15 a. m., church services; 2-3 p. m., Skceles-Biddle heur of better music; 6-7, Moody Bible Institute Evening hour; 9:30-12, midnite frolle.

WGES, Oak Park, III. (249.9m.1200kc), 10:30 a. n., M. E. church; 11:45, high mass, Ouv Lady of Sorrows church; 5-7:40, Frank Hayes, Joie Walsh; 11-1 a. m., Harry Davis, Fay Dillon; Eddie Freckman, Melody Glris; orchestra.

WGHP, Detroit, Mieh. (270.1m.1110kc), 11 a. m., Grosse Polnte Memorial church.

WGN, Chicago, III. (392.8m.990kc), 6:35-7 p. m., musical program; 7-7:20, The Million Sing; 7:20-7:30, Old Fashioned Almanack; 7:30-8:15, music.

WGY, Schenectady, N. Y. (379.5m.790kc), 9:30 a. m., First Lutheran church; 6:30 p. m., First Lutheran church; 8, musical program; 9, WJZ.

WHT, Chicago, III. (395.4m.1330kc), 6-8 p. m., dinner concert, string trio; Agnes Buchli, soprano; Helen Snyder, Robert York; 10-12, popular program, artists, music program, Spanish Garden studio, 8:15 a. m., Catholic services; 9:30-10:30, Protestant services; 1-2 p. m., Howard L. Peterson, organist; 2:30-8:30, concert; 3:30-4, Radio Bible class; 4-5:30, Symphony organist; 2:30-8:30, concert; 3:30-4, Radio Bible class; 4-5:30, Symphony organist; 2:30-8:30, concert; 3:30-4, Radio Bible class; 4-5:30, Symphony organists.

orchestra. Wich. (516.9m-580kc), 10:30 a. m., First Baptist church.

WKRC, Cincinnati, Ohio (422.3m-710kc), 6:45 p. m., Walnut Hills Christian church; 10, Eugene Schmitt, baritone; Carolyn Schlosser, reader; Patricia Conway, violinist; Eugene Perazzo pianist; 11:15, Bernic Cummins' orchestra; 12, Marie Turner, blues and ballads; 12:15, dance music, Swiss Gardens.
WLIB, Chicago, III. (302.8m-990kc), 5-6:15 p. m., Edward Benedict, organist.
WMBB, Chicago, III. (249.9m-1200kc), 3-5 p. m., Trianon orchestra; Woodlawn theater orchestra; Wellington Forbes, tenor; Andy Anderson, baritone; piano novelties, Bob Bennett; popular concert; 7:40-9, Fitch Church of Christ, Scientist; 5-11, Trianon orchestra; Andy Anderson, baritone; Preston Graves, pianist; Scotty Welch and Madison Sisters, Golden Harmony trio; popular program.

trio; popular program.

WOK, Chicago, III. (217.3m-1380kc), 6 p. m.,-I a. m.,
Tearney's Town club orehestra; Carl Lorraine's Pershing
Palace orrhestra; Midway Garden orchestra; Capito
theater musical program; Tip-Top string ensemble

studio program. WQJ, Chicago, III. (447.5m-670kc), 10 a. m., Peoples church; 3-4 p. m., choir; 8-10, Rainbo Gardens orchestra. WREO, Lansing, Mich. (285.5m-1050kc), 10 a. m., Bel fry Plymouth Congregational church; 10:30, Firs Baptist church; 7:30 p. m., Reo Motor Car company

band.
WSAI, Cincinnati, Ohio (325.9m-920kc), 11 a. m., church scrvice; 7:45 p. m., chimes; 8, Radio sermonette; 8:15, WEAF; 8:45-946, band.
WSWS, Chicago, III. (275.1m-1090kc), 11 a. m., church scrvice; 3:30-5 p. m., popular service; 7-9:30, song

wtam, Cleveland, Ohio (389.4m-770kc), 11 a. m., Bap-

WHB, Kansas City, Mo. (365.6m-820kc), 9:40 a. m., Linwood Blvd. Christian church; 11, Independence Linwood Blvd. Christian church; 11, Innepencence Blvd. Christian church; 8-9, church services; 11:15, Linwood Radio feature; Morrill Moore, organist; Don Anchors, poet.

WMC, Memphis, Tonn. (499.7m-600kc), 11 a. m., First

WMC, Memphis, Tonn. (499.7m-600kc), 11 a. m., First Methodist church.
WOAW. Omaha, Nebr. (526m-570kc), 9 a. m., Rev. R.
R. Brown; 1:30 p. m., Father Flanagan's Boys' home period; 9, chapel.
WOS, Jefferson City, Mo. (440.9m-680kc), 9:30 a. m., Christian church.
WSB, Atlanta, Ga. (428.3m-700kc), 5 p. m., West End church; 7, Presbyterian church.
WSM, Nashville, Tenn. (282.8m-1060kc), 10:30 a. m., First Presbyterian church.
WSUI, lowa City, lowa (483.6m-620kc), 8 p. m., Mrs. Preston Coast, organist.
Mountain Standard Time Stations
KYST, Colorado Springs, Colo. (250m-1200kc), 11 a. m..

(FXF, Colorado Springs, Colo. (250m-1200kc), 11 a.m., First Presbyterlan church; 7:45, Jim Goodheart's Denver Sunshine Mission services. Pacific Standard Time Stations

FI, Los Angeles, Calif. (467m-642kc), 7-7:30 p. m. Grebe Synchrophase string ensemble; 7:30-8, Jim, Jack and Jean trio; 8-9, Aeolian organ; 9-10, Badger's Hollywood Californians; 10-11, Packard Six dance or

Hollywood Califfinans, 1977., tensus the straint of the straint of

#### CLASSICAL CONCERTS INDEX

Atlantic Eastern Central Mountain Pacific 7 p. m. 6 5 4 3 WCX, WEAF, WMCA, WREO. 8 7 6 5 4 12 m. 11 KGO. 1 a. m. 12 m. WOAW. 11 10

Sunday

Atlantic Eastern Central Mountain Pacific 7:20 p. m. 6:20 5:20 4:20 3:20 WCAE, WCAU, WEAF, WEEI, WJAR, WJAZ, WTAG, WWJ. 9 8 7 WAMD, WBZ, WEAR, WCAU, WHAR, WJAZ, WHT, WNYC, WQJ. 0 9 8 KFDM, KPRC, KSD, WBZ, WCBD, WCCO, WEAR, WGJ. 5:15 6:15 5:15 WEAF chain. 11 10 9 8 7 WCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WGC, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WFAA, WCCO, WSOE. 12 m. 11 10 9 8 8 KFW, WCCO, WFAA, WCCO, WFAA, WCCO, WGCO, WFAA, WCCO, WGCO, WFAA, WCCO, WGCO, WGCO, WGCO, WGCO, WCCO, KNX.

Monday

Atlantic Eastern Central Mountain Pacific 7 p. m. 6 5 4 3 KGO, WCX, WEAF, WOK, WREO, WWJ. 8 7 6 5 4 KMA, WBBR, WCCO, WEAF, WEAR, WHAR, WHAD, WHT, WJB, WMBB, WOAW, WTAG. WHAD, WHI, WIS, WISB, WORK, WIRG.

9 FNF, KSD, WBZ, WCX, WLW, WTIC.

10 FOA, MGO, KHJ, KPRC, WCCO, WHAD, WHO, WLW, WORD, WOS.

11 TO THE TOTAL OF TH WHAD, WHO, WLW, WORD, WOS.

11 10 9 8 7

KMA, KPO, KPRC, KSD, KTHS, WAMD, WCCO, WHAD, WOAW, WSUI.

12 m. 1! 10 9 8

KGW, KEJ, KMA, KSD, KTHS, KWSC, WSAI. 1 a. m, 12 m. 11 KGW, WBAP, WSAI. 2 1 12 m -11 KHJ.

Tuesday

Atlantic Eastern Central Mountain Pacific Atlantio Eastern Central Mountain Pacific 7 p. m. 6 5 4
WBZ, WCX, WREO, WWJ. 8 7 6 5 4
RGO, KMA, WEAR, WHAD, WJR, WMAQ, WOAW, WTIC, WWJ. 9 8 KFNF, KSD, KYW. WBZ, WCAE, WTIC. 10 9 8 7 6
KFDM, KFOA, KGO, KHJ, KLDS, KYW. WCAE, WCAE Atlantlo Eastern Central Mountain Pacific 11 p. m. 10 8 8 7 7 KFAB, KFDM, KFUO, KMA, KNX, KPRC, KTHS, WCAE, WCCO, WEAF, WEAR, WEEL, WLW, WMCA, WOC, WSAI, WSOE, WTAG. 12 m. 11 10 9 8 60, KHJ, KMA, KYW, WSAI, 1a. m., 12 m., 11 10 9 KPO, KYW, WHO, WMC.

Wednesday
Atlantic Eastern Contral Mountain Pacific 7 p. m. 6 5 4 3 WCX, WREO, WWJ. 8 7 6 KGO, WEAR, WHAD, WJR, WMAQ, WOK, WTIC. KGO, WEAR, WHAD, WJR, WMAQ, WOK, WTIC.

9 KPNC, KSD, KYW, WAMD, WBZ, WCX, WEAF, WEEL, WHT, WLW, WMBB, WMCA, WQJ, WTAG, WWJ.

10 9 KFOA, KGO, KPRC, KSD, KYW, WBZ, WCO, WDAF, WEEL, WGR, WHAD, WHAS, WJAR, WMAQ, WOR, WOS, WORD.

11 10 9 8 7

KFMX, KMA, KNX, KTHS, WAMD, WCCO, WEAF, WEEL, WGR, WHAD, WJAR, WS, WMAQ, WNYC, WGC, WSOE.

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KFMX, KMA, KNX, KTHS, WAMD, WCCO, WEAF, WEEL, WGR, WHAD, WJAR, WLS, WMAQ, WNYC, WGC, WSOE.

12 m. 11 10 9 9

KGO, KGW, KMA, KPO, KTHS, WCAE, WLS, WLW, WOC, WSAI.

1 a.m. 12 m. 11 10 9

KGW, KPO, WHAD, WLW.

2 1 12 m 11 10

Thursday Atlantio Eastern Central Mountain Pacific Atlanto Eastern Central Mountain Pacing 7 p. m. 6 WBZ, WCX, WIP, WREO, WWJ.

WBZ, WCX, WIP, WREO, WWJ.

KGO, KSD, WEAF, WEAR, WGBS, WHAD, WJR, WMAQ, WOAW, WOK, WWJ.

STYW, WBBR, WBZ, WCAU, WCCO, WCX, WEAR, WEEI, WGR, WGY, WHAR, WHT, WLS, WLW, WLW, WMBB, WOAW, WQJ, WTAG, WTIC.

10 9 8 7 6 KHJ, KLDS, WBAP, WCAE, WCAU, WCBD, WCCO, WEAF, WEEI, WGR, WHAR, WHAS, WJAF, WNYC, WOC, WORD, WRC, WSAI, WSB, WTAG.

KNX, KPRC, KTHS, KYW, WAMD, WGR, WGY, WHAD, WJAZ, WMC, WOAW, WOC, WSAI, II

Triday

Atlantic Eastern Central Mountain Pacific 7 p. m. 6 4 3 3 KGO, WCX, WMCA, WREO, WWJ. 8 7 KGO, WEBJ, WGY, WHAD, WJR, WMAQ, WOAW, WOK, WOR, WTIC. 9 8 7 KGW, WAHG, WOR, WTIC. 9 8 7 KYW, WAHG, WHAT, WLS, WQJ, WWJ. 10 9 KFDM, KFNF, KFOA, KGO, KHJ, KSD, KYW, WBAP, WBZ, WCAU, WDAF, WEEI, WHAD, WJAR, WJAP, WJAP

tist church; 7, Loew's theater orchestra; 8, twilight nour. /WJ, Detreit, Mich. (352.7m-850kc). 11 a. m., St. Paul's Episcopal cathedral; 2 p. m., News orchestra; 4, organ recital; 6:20, WEAF; 8:15, operatic stars.

Central Standard Time Stations

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 4-5 p. m., vesper service; 9-11, Sunday evening musicale.

KFOM, Beaumont, Tex. (315.6m-950kc), 11-12 p. m., Presbyterian church; 8-9, service.

KFNF, Shenandoah, Iowa (263m-1140kc), 10:45 a. m., First M. E. chorch; 2:30 p. m., Golden Rule song service; 3, Swedish Mission church; 6:30, Golden Rule circle; 8, Christian church services.

KLDS, Independence, Mo. (440.9m-680ke), 11 a. m., Stone church; 3 p. m., studle program; 6:30, vesper service; 9:15, studio service.

KMMI, Clay Center, Nebr. (228.9m-1310ke), 9:15 p., m., church service.

KMOX, St. Louis, Mo. (280.2m-1070kc), 8 p. m., The Principia, KFQA; 9, Skouras Brothers' Sunday night club.

club.

KPRC, Houston, Tex. (296.9m-1010kc), 9:50 a. m.,

Trinity Lutheran church; 8 p. m., Trinity Lutheran
church; 9:30, Herman Engel, violinist; Margaret Moorhead, mezzo; 11, Texan theater pipe organ concert.

KSO. Clarinda, lowa (241.8m-1240kc), 11 a. m., M. E.
church

KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 11 a. m., Central Methodist church; 9:05-10, New Arlington hotel ensemble. KVOO. Bristow, Okla. (374.8m-800kc), 12:30-7 p. m., pipe organ; Rev. Leeper and his twenty-piece string band; Laughton Family; Oklahoma Cowboy band, Cushing Military band; 7:30-9, worship hour.

KYW, Chicago, III. (535.4m-560kc), 10 a. m., Central church; 3:30 p. m., studio eoncert; 8:30-10, classical

church; 3:30 p. m., studio concert; 8:30-10, classtear concert.

WAMD, Minneapolis, Minn. (243.8m-1230kc), 12:30 p. m., organ recital; 7:50, Arthur Faust and stock company; 9:30, Gayle Wood.

WBAP, Fort Worth, Tex. (475.9m-630kc), 11 a. m., First Presbyterian church; 9:30-11, Hired Hand's Little symphony.

WFAA, Dallas, Tex. (475.9m-630kc), 6-7 p. m., Radio Bible class; 7:15-8, Monamela male quartet; 8-9, First Church of Christ, Scientist; 9-9:30, Dr. E. R. Barcus; 11-12, Amphion male quartet.

KHJ, Los Angeles, Calif. (405.2m-740kc), 7-8 p. m., Service, First Methodist Episcopal church; 8-10, Orpheus Four male quartet and others.

KNX, Hollywood, Calif. (336.9m-890kc), 7-8 p. m., Elinor's concert orchestra, Carthay Center Circle theater; 8-9, First Presbyterian church of Hollywood; 9-10:30, program, Beverly Hills Nurseries.

FSN, Pasadena, Calif. (315.6m-950kc), 10:30 a. m., Family Altar service; 10:50, morning church services; 8:45-9:45, Maryland artists' ensemble.

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

#### Monday, June 28

Headliners Today

Atlantic Pr. 1 oday

Atlantic Pr. 2 oday

Atlantic

9:30 8:30 7:30 6:30 WGHB (265.3m-1180kc), Ukulele novelt WGHB (265.3m-1180kc), Ukulele novelty duo. 10:20 9:20 8:20 7:20 6:20 WAHG (315.6m-950ke), Ferrucci's orchestra. 10:30 9:30 8:30 7:30 6:30 KFAB (349.7m-880kc), Old-time program. WLIT (394.5m-760kc), Fay's Vaudeville features. WMC (499.7m-690kc), Pappalardo Brothers orchestra. 10:45 9:45 8:45 7:45 6:45 WEVA (256.3m-1170kc), Edgeworth Opera company.

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

Atlantic or Eastern Daylight Saving Time Stations
CKNC, Toronto, Can. (356.9m.840ke), 9 p. m., Eveready orchestra; Eveready male quartet. WAHG, Richmond Hill, N. Y. (315.6m-950kc), 7:30 p. m., Boy Scouts' program; 8, Synchrophase hour; 9, Major Dent Atkinson; 9:30, William Viglione, tenor; William Mais, violinist/ 10:20, Ferrucci's orchestra; 11:02, Ferrucci's orchestra; 12, Frank Gremer's or-chestra

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m., dinner concert; 8, studio music; 10, WEAF; 11:05,

WCAE, Pittsburgh, ra. (1911-301-1007), dance concert; 8, studio music; 10, WEAF; 11:05, dance program, WCAU, Philadelphia, Pa. (277.6m-1080ke), 7:35 p. m., recital, N. Snellenburg and company; 8, Carolyn Tbomas, soprano; 8:30, The Hood Boys; 8:45, recital; 9, Merry Minstrels; 9:30, Roy Tracy, tenor; 9:45, Chalfont Sisters, harmony singers; 10, Madrigal mixed

Chalfont Sisters, harmony singers; 10, Madrigal mixed quartet.

WCSH, Pertland, Me. (256.3m-1170ke), 8:30 p. m., Strand theater symphony orchestra.

WEAF, New York, N. Y. (491.5m-610ke), 6-12 midnight, dinner muslc; A. and P. Gypsies; grand opera; Ben Bernie and its orchestra.

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

Hellevue Stratford concert orchestra; 7, Bellevue Stratford dance orchestra, WGR, Buffale, N. Y. (319m-940kc), 6:30 p. m., Knell's Tokio dance orchestra; 0, Mary Louise Conover and associates in vocal and Instrumental program; 9:30, Kane and Johnson Harmony team; 10:30, Harmony club quartet; 11, Vincent Lopez Hotel Statler dance orchestra.

and Johnson Harmony team, 10.30, Marmon, quartet; 11, Vincent Lopez Hotel Statler dance orchestra.

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

WHN, New York, N. Y. (361.2m-830kc), 6:30 p. m., WHN movie club; 7:30, Joe Ward's Swanee entertainers; 8, Roseland dance orchestra; 9, Leverich Three and "Peter the Great'; 9:10, talk; 9:15, Leverich Three and "Peter the Great'; 9:10, toew's New York orchestra; 10, Palisades Amusement Park orchestra; 10:30, Leroy Smith's orchestra; 11:030, Club Alabam orchestra; 12, Silver Slipper orchestra.

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

WIAR, Providence, R. I. (305.9m-880kc), 7:45 p. m., musicale; 9, WEAF; 10, WEAF; WIZ, New York, N. Y. (454.3m-660kc), 7 p. m., Hotel Madison concert orchestra; 7:35, John B. Kennedy; 8, Maxwell House Coffee ensemble; 9, Reading Seashore band; 11, Harry Leonard's Waldorf-Astoria orchestra.

WLIT, Philadelphia, Pa. (394.5m-760kc), 8:15 p. m., Araedia and concert orchestra; 8:30. Starr Piano com-

Waldorf-Astoria orchestra. Waldorf-Astoria orchestra. WLIT, Philadelphia, Pa. (394,5-m-760ke), 3:15 p. m., Arcadia cafe concert orchestra; 8:30, Starr Piano company artists; 9, Stanley Hour of Music; 10, Arcadia dance orchestra; 10:30, Fay's vandeville features; 1:45, El Patlo dance orchestra. WMAK, Buffalo, N. Y. (265.3m-1/30ke), 6:15-7:15 p. m., Philos serenaders; 7:30-10:30, musicale.

WMCA, New York, N. Y. (340.7m-880ke), 7 p. m., Hofbrau Haus entertainers; 8:15, Muscle Shoals; 8:30, California Ramblers; 9, Paul Whitman's Beau Rivage orchestra; 9:30, Columbia Park entertainers; 10:30, Coughlan entertainers; 11, Ernic Golden and bis Hotel-McAlpin erchestra; 12, McAlpin entertainers.

WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. ms. Ritz Carlton dance orchestra; 9, recital; 10, WEAF; 11, Adelphia Roof Gardon dance orchestra. WOR, Newark, N. J. (405.2m-740kc), 6:40 p. m., Jacques Jacobs' Hotel Shelton ensemble; 7:45, talk on swimming; 8, lecture; 8:45, Klein's Serenading Shoemakers; 11, Crystal Palace orchestra.

Eastern Standard or Central Daylight

Saving Time Stations
WBAL, Baltimore, Md. (245.8-1220kc). 6:30-7:30 p. m.,
WBAL dinner orchestra: 8-8:30, Frederick D. Weaver,
organist; 8:30-9, WBAL male quartet; 9-10, WBAL
trio.

wBAL dinner orchestra; 8-8:30, Frederick D. Weaver, organist; 8:30-9, WBAL male quartet; 9-10, WBAL trio.

WCAP, Washington, D. C. (468.5m-640ke), 6-7 p. m., Washington Post hour; 8-10, WEAF.

WGHB, Glearwater, Fla. (265.3m-1130ke), 8:30-10 p. m., Mrs. Carl Stevens, Ticket Holmes, uke novelty duo.

WGHP, Detroit, Mich. (270.1m-1110ke), 6 p. m., dinner concert; 8, Little Symphony orchestra; T. Stanley Perry, tenor; 8:30-9:30, Famous composers hour; 9:30-10, Little Symphony orchestra; 12-1 a. m., Gerald Marks' and his orchestra.

WGY, Schenectady, N. Y. (378.5m-790kc), 5:30 p. m., Hotel Van Curler orchestpa; 6:30, studio program; 7:15, program; 8-8:30, studio program; 7:15, program; 8-8:30, studio program; 7:15, program; 8-8:30, studio program; 7:15, Caspet Lingeman entertainers; 7:45, Goodwill Oakhand; 9, Palge and Jewett Sixes; 11:30, Merry Old Chief.

WKRC, Cineinnati, Ohio (422.3m-710ke), 6 p. m., Alvin Rochr and his Hotel Alms orchestra; 8, Eddie Schoelswer, planist; 8:20, Public schools program; 19:30, Erwin Reed and his Garden of Allah orchestra. (bar) Grass tenor; Mary Steele, contraito; Frank Minard, banjoist; 12, popular songs; 12:30, Erwin Reed and his Garden of Allah orchestra; 10:35, Erwin Reed and his Garden of Allah orchestra; 10:35, Erwin Reed and his Garden of Allah orchestra; 10:35, Savutime program; 10:35, Radio perlod; 11, '23rd Woodpile, Cansling, Mich. (285.5m-1050ke), 6-7 p. m.,

pile." WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

wRVA, Richmend, Va. (256.3-1170kc), 8:45 p. m., J. Harold Lawrence, blind pianist; 9:15, J. Harold Lawrence, pianist; 9:45, Edgeworth opera company, excerpts from operas; instrumental trio, chours; 11, Carry Me Back to Old Virginian, WSAI, Cincinnati, Ohio (325.9m-920kc), 10 p. m., Greenland's orchestra

WTAM, Cleveland, Ohio (325.9m-920ke), 10 p. m., Greenland's orchestra.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., Hollenden hoted orchestra; 8, Willard symphony; 9, studio program; 10, Willard symphony.

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

chestra.

Central Standard Time Stations

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 8:30-10:30, old-time program.

KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., piano playing contest; 7-8, Gage Brewer's Hawalians.

KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., wusicale.

KFNF, Shenandoah, lowa (263m-1140kc), 7 p. m., concert, Henry Fleid Seed cempany.

KMMJ, Clay Center, Nebr. (288.3m-1310kc), 8 p. m., orchestra.

orchestra.

KMOX, St. Louis, Mo. (280.2m-1070ke), 6:30 p. m., dinner time recital, Jacquinot Jules, organist; 7, orchestra; 8, light opera; 9, soloists; 10, orchestra, Music Lover's hour, artists' recital; Marguerite Schmidt, soloist.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m., Rice hotel orchestra; 8:30, Max E. Shippee, Radio tenor.

RSO. Clarinda, lowa (241.8m-1240kc), 8 p. m., music; 8:30, Mrs. Lee Renny.
KTHS, Hot Springs National Park, Ark. (374.8m-800kc), 9:05-10 p. m., request hour; 10-10:30, Como Hotel Roof Garden; 10:30-10:50, Edward Richter, cellist; John G. Heyn, planist.
WAMD, Minneapolis, Minn. (243.8m-1230kc), 7:15 p. m., Radisson concert ensemble; John Santley, barltone; 11. Skyrocket frolic, Golden Gate orchestra.
WRAP Fort Worth Tay. (475.8m-820kc), 7:20-8:20

Skyrocaet rone, Gotten Gate Gracestra.

WBAP, Fort Worth, Tex. (475.9m-630ke), 7:30-8:30 p. m., Northern Texas Traction Company's Traction Four: 9:30-11, employees, Fort Worth National bank; 11-12, entrants, Star-Telegram harmonica and ukulele contest.

contest.

WCOA, Pensacola, Fla. (222m-1350kc), 7-10 p. m., U. S.
Naval Air Station band; R. C. McCoy, cornetist; 5,

Naval Air Station Dand; R. C. MCCOY, cornens; p. Sparks.

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

WHB, Kansas City, Mo. (365.6m-820kc), 7-8 p. m., Sweeney Radio orchestra.

WMC, Memphis, Tenn. (499.7m-600kc), 8:30 p. m., Pappalardo Brothers orchestra.

WOAI, San Antonio, Tex. (394.5m-760kc), 8:30 p. m., Sunshino Laundry erchestra.

WOAW, Omaba, Nebr. (526m-570kc), 8:20 p. m., Frank Poterson, tenor; Helen Higgins, pianist; 6:50, Randall's Royal Fontonelle orchestra; 9, classical.

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

WOS, Jefferson City, Mo. (440.9m-680ke), 8 p. m., Daniel Boone Jones, fiddling champion. WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., concert; 10:45, concert. WSBT, South Bend, Ind. (275.1m-1090kc), 7-9:30 p. m.,

concert.
WSM Mashville, Tenn. (282.8m-1060kc), 7 p. m., dinner concert, Andrew Jaekson hotel trio; 8, Mrs. L. L.
Gamble, soprano; Mrs. William Henry Jaekson, planist; 10, Vito and his Radio Five. Mountain Standard Time Stations

KFXF, Colorado Springs, Colo. (250m-1200ke), 9 p. m., Elizabeth Hamlin, soprano; Mrs. John Speed Tucker, soprano; Mrs. H. H. Soldomridge, soprano; Dean E. D.

Pacific Standard Time Stations
(FI, Los Angeles, Calif. (467m-642kc), 7-8 p. m., Owen
Fallon's Califorians, Jackie Lucas, sololst; 8-9, classical
hour; 9-10, program, Walter M. Murphy Motors company, KPO; 10-11, popular hour by Meiklejohn
Brothers.

Brothers.

(KWB, Hollywood, Calif. (252m-1190ke), 6-7 p. m., Pontiae Six dinner hour; 7:30-8, program. Dr. Ralph Mitchell and Associated Dentists; 8-9, program. Sealy Mattress company; 9-10, Bill Hatch's Oakmount Country club orchestra; 10-11, Warner Brothers frolic.

(KGW, Portland, Orc. (491.5m-610kc), 6-7 p. m., dinner concert; 8-9, organ recital; 9-10, vaudeville entertalment; musical acts. Punch and Judy. Columbia Knit Mermaids; 10-12, Cole McElroy's dance orchestra.

KJR, Seattle, Wash. (384.4m-780kc), 8:30-10 p. m., Post Intelligencer studio program.

KNX, Hollywood, Callf. (336.9m.890kc), 7-7:30 p. m., feature program; 7:30-8, program, Overell's; 8-9, L. W. Stockwell company program; 9-10, studio program; 10-11, Silvertown Cord dance orchestra; 11-12, Ambassador hotel dance orchestra.

KTAB, Oakland, Calif. (239.9m-1250ke), 8-10 p. m., studio program.

#### Tuesday, June 29

Headliners Today

 
 Atlantic
 Eastern
 Central
 Mountain
 Pacific

 6:45 p. m. 5:45
 4:45
 3:45
 2:45

 WOR (405.2m-740kc), Jacques
 Jacques
 Jacobs
 Hotel

 Shelton
 ensemble. 8:30 7:30 6:30 5:30 4:30 WIP (508.2m-590kc), Murphy's Minstrels. 10 9 8 7 6 WBAL (245.8m-1220kc), Munlcipal band. 10:15 9:15 8:15 7:15 6:15 WCAU (277.6m-1080kc), Eddle Malle and entertain-WHN (361.2m-830kc), Barn club orchestra.

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

#### Atlantic or Eastern Daylight Saving

Time Stations
CNRA, Monoton, Can. (312.4m-960ke), 9 p. m., Imperial theater orchestra; 11, CNRA dance orchestra.

WCAE, Pittsburgh, Pa. (461.3m-650kc), 6:30 p. m. dinner concert; 8, WEAF; 8:30, WEAF; 9, WEAF; 10, musicale.

WCAE, Pittsburgh, Pa. (461.5m-650ke), 6:30 D. m., dinner concert; S. WEAF; S. 30, WEAF; 9. WEAF; 10, musicale.

WCAU, Philadelphia, Pa. (277.6m-1080ke), 6:30 p. m., Charlie Kerr's dance orchestra; 7:30, Snellenburg instrumental trio; S:10, The Three Brothers; 8:25, Peter Ricci, barlione; 8:45, Higgins and Burke, songs; 9, Kuchnle's artists; 9:30, Robert Fraser, blind gospel singer; 10, recital; 10:15, Eddie Malle and entertainers; 10:30, Cathay Tea Garden dance orchestra.

WCSH, Portland, Me. (256.3m-1170ke), 8 p. m., WEAF.

WEAF, New York, N. Y. (491.5m-610ke), 8 p. m., dinner music; 8, Grand Prize Eurekas, WEEI, WFI, KSD, WCAE, WWJ, WCSH, WSAJ, WTAG, WGR, WCCO, WCC, WTAM, WJAR; 8:30, Gold Dust Twins, WEEI, WFI, WCAE, WGR, WWJ, WOC, WCSH, WIAR, WCCO, WIJB, WTAM, KSD; 9, Eveready hour, WEEI, WFI, WCAE, WGR, WWJ, WOC, KSD, WJAR, WCCO, WIJB, WTAM, WSD; 10, Variety half hour; 10:30, Ben Bernie and his orchestra; 11:12, Buffalodians dance orchestra.

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

WGB, New York, N. Y. (315.6m-950kc), 7 p. m., Arrowhead Inn concert orchestra; 10:30, Arrowhead Inn dance orchestra.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Vincent Lopez Hotel Statler dance orchestra; 8, WEAF.

WGR, Buffalo, N. Y. (319m-940kc), 6:30 p. m., Seaside hotel trio.

WHN, New York, N. J. (275.1m-1090kc), 8 p. m. Everglades orchestra; 7:30, Will Oakland's Chateau;

Seaslde hotel trio.

WHN, New York, N. Y. (361.2m-830kc), 6:30 p. m.
Everglades orchestra; 7:30, Will Oakland's Chateau.

8. Trassoreland Neighbors; 8:45, Prince Plotti, songs;
9:50, Loew's S3rd Sireet orchestra; 10, Universal trio;
10:30, Strand Roof orchestra; 11, Barn club orchestra;
11:30. Club Alabam orchestra; 12, Silver Slipper or-

cnestra.

WIP, Philadelphia, Pa. (508.2m-590kc), 6:05 p. m.;
Benjamin Franklin concert orchestra; 7. Uncle Wip's
bedtime stories; 8. concert from Marine studio; 8:30,
Murphy's Minstels; 9. Chalfont-Baddon Hall dual
trio; 10. Creatore and his band; 10:15, recital from
Steel Pier; 10:30, piano recital, Karl Bonawitz; 11,
Joseph Samuels dance orchestra; 11:30, Silver Slipper
supper club revue.

WIAB Positions P. 1. (2020. 2021)

supper club revue.

WJAR, Providence, R. I. (305.9m-980kc), 7:30 p. m., musicale; 8-10, WEAF.

WJZ, New York, N. Y. (454.3m-660kc), 7 p. m., Frank Dole; 8, One-up Cut-ups; 8:30, Deltah Pearl hour; 9, Breyer hour; 10, The Grand Tour; 10:45, George Olsen's Hotel Pennsylvania Roof orchestra.

WMAK, Buffalo, N. Y. (265.3m-1130kc), 10:30-11:30 p. m., Beaver Products program, WGY, WFBL,

WHAM.
WMCA, New York, N. Y. (340.7m-880ke), 7 p. m., Hofbrau Haus entertainers; 8.15. Muscle Shoals; 8:30. California Ramblers; 9. Paul Whitman's Beau Rivace orchestra; 9:30. Columbiar Park entertainers; 10:30. Coughlan entertainers; 11. Ernie Golden and his Hotel McAlpin orchestra; 12 mld., McAlpin entertainers.

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Pacific Standard Time Stations

Place Appeler Calif. (ASTM 542b.) 7.8 p. m. Own.

Place Appeler Calif. (ASTM 542b.) 7.8 p. m. Own.

Eastern Standard or Central Daylight

Saving Time Stations

WBAL, Baltimore, Md. (245.8m-1220ke), 6:30-7:30
p. m., WBAL dinner orchestra; 8-9, WBAL staff artists; Celia Brace, violinist; George Bolek, pianist; 9-10, municipal band.

WBBM, Chicago, III. (225.4m-1330kc), 8-12 mid., Alemite orchestra; Moss Covered melodles.

mtte orchestra; Moss Covered melodies.

WCBD, Zion, III. (344.6m.870ke), 9 p. m., Mandolin and guitar elub; George Beem marimba soloist; duets; trios; Mrs. J. Thomas, soprano; M. Barton, tenor; J. Bishop, baritone; Mrs. Ruth Beem DePev, render; Olive Wright, pianist.

WEBH, Chicago, III. (370.2m.810ke), 7-8 p. m., Edgewater Beach hotel orchestra; Kathryn Forbes; Lydia Lechner; 9:10-10, Uptown theater; 11-12:30, Cook Sisters, orchestra; Harmony singers.

WENR, Chicago, Ill. (265.3m-1130kc), 6-7 p. m Rauland lyric trio; 8-9, Arthur Dunas. popular pro gram; 9-10, Moody Bible Institute Evening hour.

gram; 9-10, Moody Bible Institute Evening hour.

WGES, Oak Park, Ill. (249-9m-1200ko), 5-7 p. m.,
Paradise Plane; Peggy and Esther; 8-9, Tom Wheeler,
Jole Walsh, Erank Hayes, Peggy O'Nell1; 11-1, Bobby
Lee, Peggy O'Nell1; Esther Richards, Clarence Theders,
Flo and Ray,
WGHP, Detroit, Mich. (270.1m-1110kc), 6 p. m., dinner
concert; 8:15-10, Skylark dance band; Gladys Sanderson and her uke; 12-1 a. m., Gerald Marks' orchestra.

WGN, Chicago, Ill. (302.8m-990kc), 6:30-7:15 p. m.,
Blackstone string quintet, Drake concert ensemble; 8-9,
WEAF; 9-10, feature; 10:40-11, musical program,
ensemble.

enscimble. WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m.,

program; 7:30, WJZ; 8, musical program; 9, WJZ; 9:30, Beaver hour, musical program, WMAK.

WHT, Chicago, III. (399.8m-750kc), 7 p. m., organ recital, Al Carney; 7:40, chapel; 8:45-10:15 (283m-1260kc), Cinderella cafe orchestra; 10:50 (399.8m-750kc), Pat Barnes and Al Carney; 12, U. S. L. half hour of dance music.

WIBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., dinner concert, Chestor Newman, baritone; Charlotte Edwards, contraito; Eugene Wallenius; Margaret Cade, soprany, string trio; 12, Ted Fiotito, Dan Russo, Marie Tully, Wayne Myers, Jack Goodwin, Ray Hibbier, Joe Coffee, Harry Brooker.

Harry Brooker.

WJAZ, Chicago. III. (329.5m-910ke), 9-12 mid., Earl Hoffman's Chez Pierre orchestra; The Quips that Pass in the Night; William Hayden, tenor; Henrietta Nolan, vlolinist; Francis Rosemary Scheib, soprano; Earl Smith and Jackie Ford, the high pressure boys.

WJID, Mooseheart, III. (370.2m-810ke), 5:30-7 p. m., Jack Nelson; Howard L. Peterson; Victorians; 8-9, children's program; 10-11, Vletorians; 12:30, Settin' Up hour.

WJR, Pontiac, Mich. (526.9m-580kc), 7 p. m., Glover Watson, old-time dance orchestra; 8, Tom Bartel's Boys; 9, Jean Goldkette's orchestra.

Boys; 9, Jean Goldkette's orchestra.

WKRC, Cincinnati, Ohio (422.3m-710kc), 10 p. m.,
Eugene Perazzo, organist; 11, entertainers; 11:30,
Bert Lindsey, Kern Aylward, Merrl J. Schwarz.

WLIB, Chicago, III. (302.8m-990kc), 7-7:05 p. m.,
Million Sing; 7:05-7:15, Old-fashioned almanack;
7:15-7:30, dinner musie; 7:30-8, WEAR; 11-11:20,
Correll and Gosden; 11:20-1 a. m., Liberty studio ensemble; Ambrose Larsen, organist; Tommy Thatcher's
dance orchestra; Purple Grackle orchestra.

WMAQ, Chicago, III. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 9:20, music.

Trianon orchestra; Joe Warner.

WOK, Chicago, III. (217.3m-1380ke), 4:30-6 p. m.,
Capitol theater organ; tenor; string ensemble; 6-7,
Tlp-Top Inn; 10-1:30 a. m., Tearney's Town club orchestra; Pershing Palace orchestra; Midway Garden
orchestra; Capitol theater program, studio program.

WOOD, Grand Rapids, Mich. (241.8m-1240ke), 9 p. m.,
Ye Olde Tyme Songe Feste, Roy Clark, Sally Simpkins, Marian Cusser, Claude Lee, Beth Garrison; 9:30,
Regent Grand orchestra; 9:45, Mellssa Dvorak, pianist;
10:05, studio program.

10.05, studio program.

WQJ, Chicago, III. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; 10-2 a. m., Rainbo Gardens orchestra; 19-10 a. m., Rainbo Gardens orchestra; Jerry Sullivan; Hal Lansing; Bert Davis; Everett George Opic; Harold Olson, baritone; Ila Shannabrook, soprano; Romo Vincent, hoy baritone; Will Rossiter; Johnny Poal, baritone; Teil Taylor, tonor; Ward Purkeyser, tenor.

WREO, Lansing, Mich. (285.5m-1050kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble; 8:15, Reo Motor Car company band.

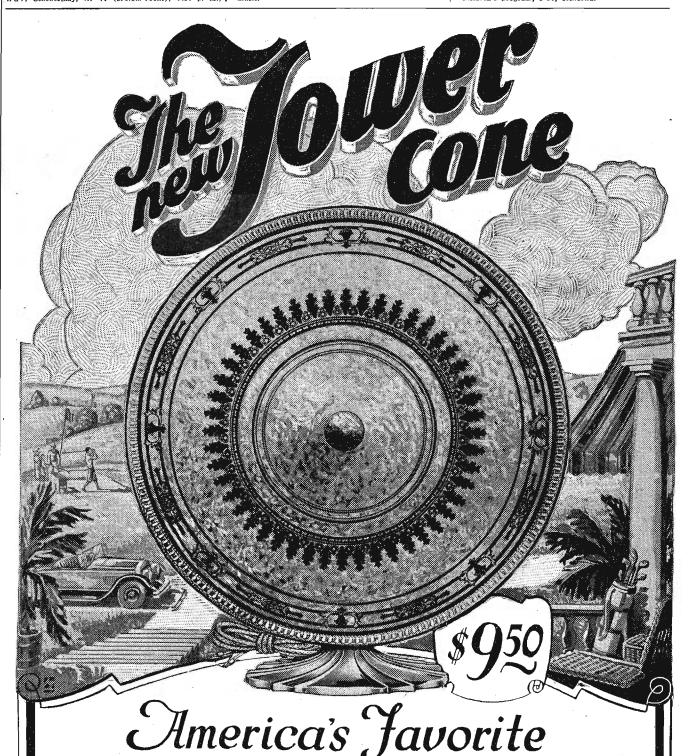
WSAI, Cincinnati, Ohio (325.9m-920kc), 7 p. m., WBAF; 7:30, musicale; 8, WEAF; 9, musicale.

WTAM, Cleveland, Ohio (389.4m-770kc), 6 p. m., State theater vaudewille; 7-10, WEAF; 10, studio program; 11, orchestra.

theater vaudeville; 7-10, WEAF; 10, studio program; 11, orchestra. VWJ, Detroit, Mich. (352.7m-850kc), 6 p. m., dinner concert; 7, WEAF.

Central Standard Time Stations KFAB, Lincoln, Nebr. (340.7m-880ke), 5:30-6:30 p. m., Bulck Little symphony orchestra; 8:05-10:30, U. of Nebraska.

KFDM, Beaument, Tex. (315.6m-950kc), 7:30-8 p. m., children's program; 8-10, orchestra.



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#### Tuesday, June 29

KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., plano playing contest; 7-8, musicale. KFNF, Shonandoah, Iowa (263m-1140kc), 7 p. m., open. KLDS, Independence, Mo. (440.9m-680kc), 8 p. m., studio program.

KMMJ, Clay Center, Nebr. (228.9m-1310kc), 8 p. m. band concert.

KPRC, Houston, Tex. (296.9m-1010kc), 7:30 p. m.,
Billie Mack's dance orchestra.

KSO, Clarinda, lowa (241.8m-1240kc), 8 p. m., music;

8:15, Snappy Seven.

KTHS, Hot Springs National Park, Ark. (374.8m-800kc).
9:05-9:30 p. m., accordion solos, Joe Kuntz; 9:30-10,

THS, Hot Springs National Park, Ark. (374.8m.800kc). 9:05-9:30 p. m., accordion solos, Joe Kuntz; 9:30-10. New Arlington hotel orchestra. (Y00.8m.100) pristow, Okta. (374.8m.800kc). 8-9 p. m., Jim. Wilson and his Castish string band. (YW. Chicago. III. (353.4m.500kc). 6. p. m., Chicago. III. (353.4m.500kc). 6. p. m., Chicago. III. (353.4m.500kc). 7. program, Congress hotel. 9-9:30, classical concert; 9:30-10:30, Congress hotel. 9-9:30, classical concert; 9:30-10:30, Congress hotel. MBAP, Fort Worth, Tex. (475.9m.630kc). 7:30-8:30 p. m., Clyde Massengale, barlione; Mrs. Florence Massengale, planist; 9:30-11 musicale. Mrs. Florence Massengale, planist; 9:30-11 musicale. Mrs. Florence Massengale, planist; 9:30-11 musicale. Mrs. Florence Mrs. Florence Massengale, planist; 9:30-12 musicale. Mrs. Florence and musicalans; 11-12, Jimmy Joy's orchestra. Florence and musicalans; 11-12, Jimmy Joy's orchestra. WGBF, Evansville, Ind. (236.1m.1270kc), 7 p. m., musicale. (30.16 dddlers. WHAS, Louisville, Ky. (299.8m-750kc), 7:30-9 p. m., Cardinals. WHAS, Kansas City, Mrs. (365.6m-820kc), 7-7:30 p. m.

WHAS, Louisville, Ry. (298-8m-790ke), 7:30-9 p. m., Cardinals. Gity, Mo. (365.6m-820ke), 7-7:30 p. m., dinner hour organ concert; 8-9:30, popular program. WOAI, San Antonio, Tex. (394.5m-760ke), 8:30 p. m., Gerbhardt Mexican players.
WOAW, Omaha, Nebr. (526m-570ke), 6 p. m., Hugt G. Heyn, xylophonist; 6:50 orchestra; 9, program, Hannan-Vant Brunt company; 10:10, Radio review. WSB, Atlanta, Ga. (428.3m-700ke), 8 p. m., concert; 10:45, concert.
WSM, Nashville, Tenn. (282.8m-1060ke), 8 p. m., popular program, Mrs. Thomas Pinkerton.

Mountain Standard Time Stations RR. Regina, Can. (312.3m-960ke), 8 p. m., studio

program. KFXF, Colorado Springs, Colo. (250m-1200kc), S p. m., Mary Fry Miller, soprano; Stanley Effinger, barttone; Margaret Dietrich, violinist; R. Gratz Cox, pianist; Edgar Laugblin, baritone; Mrs. Maude McFerran

Pacific Standard Time Stations

CNRV, Vancouver, Can. (291.1m-1080ke), 9 p. m.,
Ramona Rambert, Clane McKinley, Delos Jewkes;
10:30, Cabaret Belmont orchestra:

KFI, Los Angeles, Calif. (467m-642ko), 7-8 p. m.,
Virginia ballroom orchestra: 8-9, Sereen Artlists string
quartet; 9-10, varied program; 10-11, Packard Radio
elub.

club.

KFWB, Hollywood, Calif. (252m-1190kc), 6-7 p. m.,

Pontiac Six dinner hour; 8-9, program, Richard Hellman, Inc.: 9-10, program, American Brake Testing

company; 10-11, Warner Brothers frolic.

company; 10-11, Warmer Biothers 1016.

KGW, Portland, Ore. (491.5m.610kc), 6-7 p. m., dinner concert; 10-12, dance music, Multnomah hotel, Herman Kenin's dance ornestra; pianist.

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 presentation; 10-11, dance music. man; 8-10, de fuxe presentation; 10-11, dance music. KNX, Hollywood, Calif. (336.9m-890kc), 7-7:45 p. m., program, Geo. E. Read, Inc.; 7:45, health talk; 8-9, program, Builder's Finance association; 9-10, program, Western Auto Supply company; 10-12, movie night at the Ambassador, Ray West's Cocoanut Grove orchestrates (KPSN, Pasadema, Calif. (315.6m-950kc), 8-9 p. m., Star-News ensemble; George Frenger, tenor. KTAB. Oakland, Calif. (339.9m-1250kc), 8-9 p. m., c<sup>-3</sup>neational program.

#### Wednesday, June 30

Headliners Today Headliners loday

Atlantic Eastern Central Mountain 9:30 p. m. 8:30 7:30 6:30 5:30

WHAS (399.8m-750kc), Sylvia trio.

10 9 8 7 6

WGR (319m-940kc), Humboldt choral club.
10:30 9:30 6:30

130:0 (241.8m-1240kc), Coin, Ia., entertainers.

WOA1 (394.5m-760kc), Army night.

WOS (440.9m-680kc), Missouri Hill Billies.
11:05 10:05 9:05 8:05

KTHS (374.8m-800kc), Light opera hits.

12 m. 11

WSM (282.8m-1060kc), Exchange club quartet.

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

## Atlantic or Eastern Daylight Saving

Atlantic or Eastern Daylight Saving
Time Stations

CFCA, Toronto, Can. (356.9m-840ke), 11 p. m., Gilbert
Watson and his orchestra.
WAHG, Richmond Hill, N. Y. (315.6m-950ke), 7:45
p. m., studio program; 8:15, Michael Lamberti, cellist;
8:30, William Sweeney, baritone; 8:45, Michael Lamberti, cellist;
8:30, William Sweeney, baritone; 8:45, Michael Lamberti, cellist;
9:30, Millon Schwartz,
violinist, Millon Katz, pianist; 10, Cliff Ulrich, Ray
Sinnott, cheer-up boys; 10:30, dance music.

WCAE, Pissburgh, Pa. (461.5m-650ke), 8 p. m., WEAF;
8:30, WEAF; 9, concert; 10, WEAF.
WCAU, Philadelphia, Pa. (277.6m-1060ke), 7:30 p. m.,

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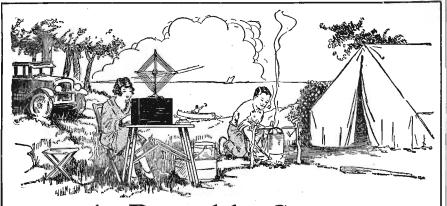
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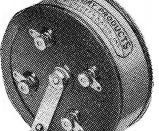
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recital, N. Snellenburg and company; 8:10, Hotel Pennsylvania concert orchestra; 8:30, Miller piano trio; 19, dance orchestra; 9:45, Senator Hassenpresser; 9:50, recital; 10;30, Zoebrns and Herscher, sons; 10:45, Frank Cook, old-time songs; 11, Artie Bittong's Cheer-Up club.



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WOO, WCAE, WSAI, WEEI, WJAR, WGR, WCSH; 9, Ipana Troubadours, WEEI, WCAP, WOO, WWJ, WLIB, WCCO, WOC, WGR, WSAI, KSD; 10, light opera company, WCAP, WJAR, WDAF, WEDI, WTAG, WCAE, WWJ, WCSH, KSD, WTIC; 11-12, Pelham Heath Inn orchestra.

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

WGR, Buffale, N. Y. (319m-940ke), 8 p. m., WEAF; 10, Humboldt choral club.

WHN, New York, N. Y. (361.2m-830ke), 7:30 p. m., Loew's Lexington organ rectal; 9, Loew's New York orchestra; 9:30, Palisades Anusement Park orchestra; 10, Roseland dance orchestra; 10, Silver Slipper orchestra; 12 mid., Cotton club orchestra.

11:30, Siver Graphs
orchestra.

WIP. Philadelphia, Pa. (508.2m-590kc), 6:95 p. m.,
Benjamin Franklin concert orchestra.

WJAR. Providence, R. I. (305.9m-980kc), 7:30 p. m.,
chamber musicale; 8-9, WEAF; 9, musicale; 10,

WJAR. Providence, R. I. (305.9m.-980ke), 7:30 p. m., chamber musicale; 8-9, WEAF; 9, musicale; 10, tabloid mosicale.
WJZ, New York, N. Y., (454.3m-660kc), 8 p. m., Imperial Imps; 8:30, La Prensa hour; 10:30, Hotel Astor Roof orchestra.
WLIT. Philadelphia, Pa. (394.5m-760kc), 8:10 p. m., Arcadia cafe concert orchestra; 8:30, concert; 10, Arcadia cafe dance orchestra.
WMAK, Buffalo, N. Y. (255.3m-1130kc), 6:30-7:15 p. m., Hotel Lafayette orchestra; 7:30-8:05, Eastman theater orchestra, WGY; 8:05-10, WHAM studio program, WGX, New York, N. Y. (340.7m-880kc), 6:30 p. m., Einie Golden and his Hotel McAlpin orchestra; 7:30, Tappen's orchestra; 8, X-IT Hawalians; 8:30, Meister Homesteaders; 3, Manaroneck night; 12 mid., Me-Alpin entertainers.
WOO, Philadelphia, Pa. (508.2m-590kc), 7:30 p. m. Sylvania dance orchestra; 8, WEAF; 8:30, WEAF; 9, WEAF; 10, reciral; Fox theater studio; 10:30, Ritz Carlton dance orchestra.
WOR, Newark, N. J. (405.2m-740kc), 6:30 p. m. Jacques Jacobs' Hotel Shelton ensemble; swimming; 11, Crystal Falace orchestra

Eastern Standard or Central Daylight

Eastern Standard or Central Daylight
Saving Time Stations
WBBM, Chicago, III. (225.4m-1330ke), 8-10 p. m., popular period; 12. Nutty club.
WCAP, Washington, D. C. (468.5m-640ke), 7-7:30 p. m., WEAF; 7:30-8, concert; 8-10, WEAF; 10-10:30, announced; 10:30-12, dance music.
WEBH, Chicago, III. (370.2m-810ke), 7-8 p. m., Osborn's orchestra; Florence Behrend; Frank Greif, Frank Bordner; 9-10, Osborn's orchestra; Ifrank Bordner; 1-10:30 a. m., orchestra; Kay Ronayne, Florence Behrend.

Frank Bordner; 9-10. Osborn's orchestra; Frank Bordner; Lawrence Salerno; 11-12, a. m., orchestra; Kay Ronayne, Florence Behrend
WENR, Chicago, III. (265.3m-1130kc), 6-7 p. m.,
Rauland lyric trio; 8-10, All-American Pioneers; 12-2
a. n., midnite friote.
WGES, Oak Park, III. (249.9m-1200kc), 5-7 p. m.,
Faradise Plane; 8-9, Jimmy Wall; Frank Sylvano;
Louis Panice; Guyon's Paradise baliroom orchestra;
11-1 a. m., Casey and Gervals; Ray Dean; Fay Dillon;
Louis Panice; Guyon's Paradise baliroom orchestra.
Undus Panice; Guyon's Paradise baliroom orchestra.
Ginner concert S. Little Symphony orchestra; Madame
Gizi Szanto, pianist; WGHP male quartet; 12-1 a. m.,
Gerald Marks' orchestra.
WGN, Chicago, III. (302.8m-990kc), 6:35-7:15 p. m.,
Blackstone string quintet; 9-10, grand opera selections; 10-10-10, Sam 'n' Henry; 10:10-10:20, studio
music; 10:30-12:30, Pepper Party,
WGY, Schenectady, N. Y. (379.5m-790kc), 6:30 p. m.,
Eastman theater orchestra.
WHT, Chicago, III. (399.8m-750kc), 7:10 p. m., Edwin
Kemp, tenor; 7:40, chapel; 8:30-10:15 (238m-1260kc).
Clinderella cafe orchestra; 11 (399.8m-750kc), Art
Becker, pianist; Al and Pat; 12 midnight, your hour
league.
WHBO, Chicago, III. (225.4m-1330kc), 6-8 p. m., concert.

Becker, pianist; Al and Pat; 12 midnight, your hour league. Chicago, III. (225.4m-1330ko), 6-8 p. m., concert, Dorothy Rac, soprano; Charles Champlin, barltone; Evelyn Elliott, contralto; Frank Greif, tenor; trio; 10-12, Marie Tully, Wayne Myers, William Molnaire, Cramer and O'Grady; Elsie Orr; Lenore Friedman, Pearl Holtzman. WJAZ, Chicago, III. (329.5m-910kc), 9-12 p. m., Earl Hoffman's Chez Pierre orchestra; artist pupils, Edwin J. Gemmer Plano studio; artist pupils, alexander Nakutin Vocal studio; Chez Pierre Hawalian quartet. WJJD. Mosseheart, III. (370.2m-810kc), 5:30-7 p. m., Jack Nelson; Howard L. Peterson, organist; Symphony players; Victorians; 8-9, music, Moseheart children; 10-11, Palmer House Victorians; Isabel Defaut; 12:30, Settin' Up hour.
WJR, Pontlae, Mich. (516.9m-580kc), 7 p. m., Jean Goldkette's Petite symphony orchestra; 7:45, Goodwill Oakland; 9, Jean Goldkette's orchestra; 11, Murphy Brothers organ; 12 midnight, Merry Old Chief, Jewett Radio Jesters.

Radio Jesters.

WKRC, Cincinnati. Ohio (422.3m-710kc), 6 p. m., Alvin Rochr and his Hotel Alms orchestra; 8:15, Gene Perazzo,



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WOAW discovered recently that a capable group of Radio players existed among the staff artists. Here they are as they appeared in "The Step On the Stairs." Notice Eugene Konecky at the left directing the players. Nor will the efforts of this dramatic group cease with the mystery play. They have many surprises in store for fans tuning in on this station during June.

#### Wednesday, June 30

pianist; 8:30, Oliver Plunkett, tenor; 9, Everfresh hour; 12, popular songs; 12:30, Wesley Helvey and his LaVista crchestra.

WLIB, Chicago, ill. (302.8m-990kc), 7-7:05 p. m., milition sing; 7:15-7:30, dinner concert; 7:30-7:50, Pattison Coates, baritone; Edward Barry, pianist; 7:50-8, Auld Sandy; 8-9, WEAF; 12:30-1 a. m., Ambrose Larsen, organist.

WMAQ, Chicago, Ill. (447.5m-670kc), 6 p. m., Chicago theater organ; 6:30, Hotel LaSalle orchestra; 8:30, Whitney trio; 9, WMAQ players, chimes.

WMBB, Chicago, Ill. (249.9m-1200kc), 7-8 p. m., Trianon duo; 9-11, Trianon orchestra; artists.

WOK, Chicago, Ill. (217.3m-1380kc), 4:30-7 p. m., Captiol theater organ; studio program; Tip-Top Inn string ensemble; 10-1:30 a. m., Tearney's Town club orchestra; Capital theater program.

WOOD, Grand Rapids, Mich. (241.8m-1240kc), 9 p. m., Willard Storage Battery hour; 9:30, Savutime program; 10:05, Atwater Kent hour.

WQI, Chicago, Ill. (447.5m-670kc), 7-8 p. m., Rainbo Gardens orchestra; Nelodians; Clarence Theders, tenor; Joe Warner, character songs.

WREO, Lansing, Mich. (285.5m-1650kc), 6-7 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

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WRVA, Richmond, Va. (256.3m-1170kc), 8:45 p. m., Speed-Wagon serenaders; Gold Standard ensemble.

WRVA, Richmond, Ohio (339.4m-770kc), 6:15 p. m., Hotel Cleveland orchestra; 7:30, WEAF; 8, Public Additorium program.

WJ. Detroit, Mich. (352.7m-850kc), 6 p. m., dlnner concert; 7, WEAF; 7:30, WEAF; 8, Public Additorium program.

concert; 7, WEAF; 7:30. News orchestra; 8, dance program; 9, WEAF.

Central Standard Time Stations

CNRW, Winnipeg, Can. (384.4m-780kc), 9 p. m., Fort Garry hotel trio; A. Leslie Garrido, partione; Emile Mignacca, violinist; Eveline Wildgoose, planist; Fort

Garry hotel trio; Eleanor Williams Edmond, contralto; A. Leslie Garside, bartione.

KFAB, Lincoln, Nebr. (340.7m-880kc), 5:30-6:30 p. m., dinner concert; 3:30-10, Bulck Little symphony; Harmony Boys; Gloomy Gus.

KFH, Wichita, Kan. (267.7m-1120kc), 6:30-7 p. m., plano playing contest; 7-8. American Legion band. KFKX, Hastings, Nebr. (288.3m-1040kc), 9-11 p. m., musicale, Lincoln, Nebr.

KFNF, Shenandoah, lowa (263m-1140kc), 7 p. m., Seed company.

company. KPRC, Hauston, Tex. (296.9m-1010kc), 7:30 p. m., Jack Willrich's orchestra; Virginia Willrich, piano ac-cordionist; 8:30, Frank Tilton, blind wonder boy pian-ist ist. KSO, Clarinda, lowa (241.8m-1240ke), 8 p. m., music;

Si30, Coin lows (241.8m-)240ke), 8 p. m., music; 8:30, Coin, Iowa entertainers.
KTHS, Hot Springs National Park, Ark. (374.8m-800ke), 9:05-10 p. m., musical comedy, Meyer Davis orchestra; 10-10:30, Ray Mullins and his dance orchestra. KVOO, Bristow, Okla. (374.8m-800ke), 6-9 p. m., Radio trio; Mascho, Cunningham, Mascho. KYW, Chicago, III. (335.4m-560ke), 6 p. m. musical program; 8-9:30, classical cencert; 9:30-11, Congress carnival.

carnival.

WAMD, Minneapolis, Minn. (243.8m-1230ke), 7:15 p. m., classical program; Margaret Haghes Leemhuls, soprano; Sandy Ecklund, tenor; James Harper, violinist; 10, Gould Banjo club; 11, frolic, Golden Gate orchestra.

WCOA, Pensacola, Fla. (222m-1350ke), 7-10 p. m., Mrs. Henn's Young Ladies chorus; Dr. C. J. Heinberg, violinist; Mrs. Gray Bell. vocalist.

WHAS, Louisville, Ky. (299.8m-750ke), 7:30-9 p. m., Sylvia trio.

WHB, Kansas City, Mo. (365.6m-820ke), 7-8 p. m., yocal solos; 10:30-11:30, midweek Radio feature.

WAAL Sas Autonio. Tex (394.5m-760ke), 8:30 p. m.

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

WOS, Jefferson City, Mo. (440.9m-680ke), 8:30 p. m., Missouri Hill Billies.

WSB, Atlanta, Ga. (428.3m-700ke), 10:45 p. m., concert.

cert.
WSM, Nashville, Tenn. (282.8m-1060kc), 7 p. m., din-ner concert, Andrew Jackson hotel trio; 8, Helene Son-nenfield, mezzo-soprano; Mrs. Sallie Mae Tyree John, Lyssadean Hunt, pianists; 10, Exchange club quartet.

Pacific Standard Time Stations
KFI, Los Angeles, Calif. (467m-642ke), 7-7:30 p. m.,
Grebe Synchrophase string ensemble; 7:30-8, Nick

Harris detective story; 8-9, program, California Petro-leum corporation; 9-10, vocal program; 10-11, Charles Beauchamp, tenor and others. KFWB, Hellywood, Calif. (252m-1190kc), 6-7 p. m.. Pontiac Six dinner hour; 7:30-8, program, Corduny Tire Stores, Inc.; 8-9, studio program; 9-10, program, Pacific Development company; 10-11, Warner Brothers trolle.

KGW, Portland, Ore. (491.5m-610kc), 6-7 p. m., din-ner concert; 8-9, concert; 9-10, vocal and instrumental

#### **EX-BOOTLEG STATION** IS SOLD FOR \$10,000

SEATTLE, Wash.—An unusual deal was comsummated recently at Seattle when the Station KTCL was sold to the Northwest Radio Service Co., operators of KJR. The big 1,000-watt station was sold for \$10,000 cash, but was recently appraised at \$85,000. It is said it cost \$30,000 to build in addition to time and expert labor expended by noted electri-

KTCL once operated under the letters KFQX. It was over its microphone that Aunt Vivian's bedtime stories went and then turned out to be alleged rum runner's signals and code messages. The station was confiscated by the government, and later, had its call changed to KTCL and was operated as a commercial station. Both stations will continue in Seattle.

#### Radio Applications Make German Hounds Act Queer

BERLIN.—Some extremely interesting observations on the reaction of dogs to Radio have been made by Mrs. Isa Nairz, the wife of a German Radio entertainer.

In her experiments she used a loud speaker because she found that even spe-cially constructed ear phones annoy dogs intensely, and they spend their whole time trying to shake and scrape the contri-

vances off instead of listening. In some cases, indeed, the animals thus fitted actually shook with fear.

The first tests were made with sheep dogs and Griffens. The broadcasting of other canine yelps made them answer with invyful and yearning yowls, but the hearing joyful and yearning yowls, but the hearing of cats meowing and roosters crowing filled them with an intense indignation

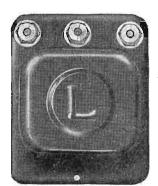
which voiced itself in furious barking. During the recent broadcasting of the During the recent broadcasting of the noises made by various kinds of wild animals from the Berlin zoological gardens, the tests were continued. The growls of lions and bears, which were unknown to the dogs, obtained no reactions from them at all. But when they heard through the loud speaker the well-known voice of their moster. Harr. Nairz, they should every master, Herr Nairz, they showed every sign of puzzled recognition, rushed up barking and sniffling to the loud speaker, and then rushed enquiringly through the house hunting for their master.

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#### "BIG RABBIT"

(Continued from page 9)

rappin by pantomine informing the crowd he would return when called. Then, waddling to the throne chair, the terrapin backed to it, appeared to try to sit down, and while the crowd rocked with laugher at the comedy, stood, drawing his head into the shell, then poking it out.

It dawned upon my mind that Borton was playing for time, playing upon the child-like minds of the mob, to give us a chance to escape. The crowd sated with deeper emotions, appeared eager for more

I moved quickly, determined to reach the rear of the stage or the path in order to aid when the chief actors in the weird

pantomine emerged.

Borton had commenced to talk. He sum moned Major Tonneson before him—asked him whether he was prepared for trial, and waved him to depart from the stagea moment later he appeared to examine Miss Tonneson and waved her away, then Tillie. The stage was empty save for the chief actor when I reached the path and Borton was haranguing them, promising them Jedge Terrapin would try the

I reached the path in safety and ran along it, circling through the clearing to-ward the rear of the stage. Hurrying to-ward me were two figures and springing toward them I stretched out a hand—and felt fur—Tillie screamed as I touched her rabbit garb, and the girl with her stepped between us, as if to protect her companion. "It is I—Hurry! We must escape!" I

said hoarsely. 'Tek us away, tek us away," Tillie pleaded.

SEIZED their arms and hurried them through the clearing to the path along the swamp. As I dragged them into the heavier shadows we could hear the voice of Borton still haranguing the

"Who are you?" whispered Miss Tonne "I thought it was you-who played the turtle.

"I'm Lindsey—Borton is acting the turtle," I replied, thrilling because, in spite of her question, she had known me. We must hurry."

I half dragged them along the path. A hundred yards further Miss Tonneson tripped and fell, uttering a little scream and, lifting her in my arms, with Tillie ening my steps to a run I started back to-clutching my clothing, I raced. The girl, ward the clearing.

after the first instant of protest, made no move, save to place her arms around my neck to aid me in carrying her.

A hundred yards further, in the black-ness of the path, out of range of the lights from the clearing, I was breathless and put her down.

"Can you run?" I asked. "Hold to me and try to do it."
"Yes," she said, grasping an arm, "I

Not another word was spoken during that desperate flight through the black woods. I dared not strike a light. Tillie was recovering her courage and a hundred yards further along, was running at my

side even trying to aid. I knew we must reach the boat, for at any instant now the crowd might realize trick had been played and commence a earch. I was determined to place the search. girls in the boat, then scout back to see whether I could aid Borton. Roberta, her little hand now clutched tightly in mine, was striving to hasten. Panting, almost exhausted, I dragged them on over the rough path. Twice, fearing we had lost the way, I struck matches—then we hurried on, fearful that the instant of light might have betrayed us.

NLY a minute more," I pleaded as the girls gave signs of exhaustion—and, a few hundred steps further along I saw the glint of moonlight through some chink of foliage, shining on the black waters of the river.

With a final effort I dragged them out of the path, we slid down the side of the muddy hummock, and half fell, panting and exhausted into the boat screened be-

hind the mass of Spanish bayonet. For perhaps two minutes we lay there, while I regained breath and all that time Roberta's little hand rested trustingly in mine, her fingers pressing hard as if to gain reassurance. It was she who spoke

"I was sure you would come," she repeated.

"We followed—as fast as we could," I said, lost for words, eloquent with emotions

"Lie still and wait. I must go back," I said.

Frightened and unstrung by suffering, as they were, neither protested.

I crept over the hummock and regained the path, leaving those two women alone in the heart of a beastly wilderness. Hast-

Scarcely had I gone two hundred yards before I heard something approaching, and stepped hastily out of the path. Two figures appeared. As they passed one ripped threatening oath, and I recognized Danforth's voice.

"Dan," I called softly. He stopped and the figure ahead of him also stopped. I sprang toward them.
"I got him," said Danforth, grimly,

I spoke again.

The figure ahead of him was Trimble, his rabbit gard sadly tern and disarranged nd he was obeying Danforth's orders with reason. Danforth's big automatic was pressed against his back.

"Help me fix him," said Danforth, handing me a pair of handcuffs. "Did you get

TES—they're safe in the boat.
Where's Borton?" I queried as I snapped the handcuffs.

"Still holding the crowd," he said. "We must hurry.'

A few minutes later a handkerchief was knotted securely gagging the negro but a short time before, had thought him-self king and, handcuffed and tied, we colled him into the boat and forced him under a seat as unfeelingly as if he had peen a sack of meal.

The girls, huddled together, stared through the darkness while we worked.

"Let's get Borton," said Danforth decisively. "Miss Tonneson," he added take this gun and blow his head off if the tries to kick loose before we return."

We climbed over the hummock again and reached the path.

"Where is the major?" I asked in low

"Dead," he replied shortly. "I was too late. Trimble got past me. I followed him to keep him from warning the crowd. The major came off the stage and met him. He slashed him with his cane. The negro knifed him. The charge will be murder, instead of theft of timber."

"The major is better off," he added shortly after we had run a small distance.
For the moment the shock of the news of Major Gaskill's death scarcely was felt by me. I had little sympathy for the financial adventurer and never had known him in his more charming and prosperous Then I remembered his relationship to Miss Tonneson.

"Poor little girl," I muttered.

"Let's move faster," Danforth sug-

We trotted along. The glow from the clearing became plainer. We had reached the place where the paths divided and where, earlier in the evening, which seemed years before, we had separated from Borton when a frenzied uproar filled the swamp. A savage howl of rage and disappointment arose ahead.

HEY'VE found him out," Danforth

said briefly.

An instant later a second explosion of sound arose, followed by shots and then sounds of a chase. "He's running," Danforth yelled. "They

are moving toward the river, but not on this path. Back to the boat; they may cut

us off."
Over trees and logs, through Spanish bayonets which tore our clothes and flesh we made a rapid retreat, crawled under the barrier of bushes and cacti to the boat. Danforth, untying the rope, waded deep in mud and water, shoving her out from the nidden inlet into open water as I reached the engine.

"Don't start her yet," he said, "we must pull clear first. The noise will bring them swarming.

(Continued on next page)

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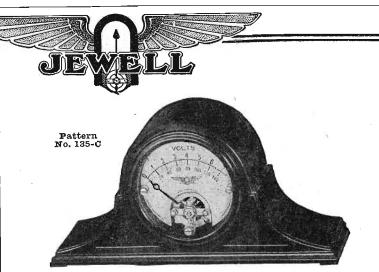
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Order by Number ...

#### "BIG RABBIT"

(Continued from page 28)

We dragged the boat along by clutching overhanging branches. A shout, which seemed to come from the river bank a few yards behind the boat, voiced the dis-

"They've heard us— They're coming," Danforth said aloud: "Miss Tonneson, please hand me that shot gun."

We could hear pursuers crashing through underbrush and calling to each other through the swamp. Some plunged into the swamp or river in their headlong pursuit, splashing and crying for help. I had leaped to the motor and was turning the wheel desperately almost as soon as Danforth had called his warnng. The motor coughed several times hollowly, exploded rapidly, driving the boat in a wide arc, spat, missed, and scarcely fifty feet from the starting point, and in open stopped dead.

"Get her going. They're coming," Dan-forth said evenly. "You girls crouch low

They may start shooting if they see us."
He was crouched behind the hood, the sawed off shot gun, heavily loaded with buck shot, held ready for action.

Tugging, perspiring, I toiled at the wheel, turning it frantically striving to catch the lost spark. The negroes were coming closer. They had poured along the path to the river's edge and the light of pine torches showed at half a dozen places through the heavy growths, looking as if the swamp-forest suddenly had become alive with huge fireflies. They were crashing along unseen paths near the edge of the river, and evidently racing for hidden row boats.

OMEONE fired a revolver twice from somewhere on the land and the bul-lets whined past and splashed in the

ver. "Crouch lower," Danforth urged in low nes to the women. "They don't see us. tones to the women. They are firing at the sound."

Again and again I spun the wheel Twice explosions raised my hopes but the engine refused to run. Perhaps in my haste I had flooded it with gasoline.

Somewhere, away in the blackness we heard a boat launched and men springing into it. Sweat ran into my eyes. I dashed it away with a hand soaked in oil and gasoline and bloody with fresh-ripped blisters.

I gave a mighty tug at the wheel. Two quick explosions came, it missed fire, caught again, and then the steady beat of regular explosions sounded like a swee symphony to us all.

Dan raised the shot gun and sent two loads of buck crashing through the over-hanging trees along the river edge, and seized the wheel.

Yells of rage, a scream of pain followed, and we heard someone floundering in the dark river. The Jason was gaining speed and racing for a curve in the river as I flashed on the headlight.

Straight ahead of us, driving out from under overhanging trees, was a rowboat filled with negroes. The white glare of light across the dark river silhouetted them clearly before us.

Three men were standing, blinded by the

sudden illumination, while two pulled at the oars. One, shielding his eyes from the glare with an arm, bent toward the bottom of the boat and, as we raced down upon them he straightened up, a gun in his

Danforth, when the boat shot out from the trees, had changed the course of the racing Jason, and we were headed to clear

the row boat by ten feet. straightened up, gun in hand, the little detective, shouting a warning, hurled the wheel over, aimed directly at the boat and, as the negro lifted the gun to fire, he saw

the peril and screamed in terror.

Before the echoes of the scream died the Jason struck the rowboat. prow caught the frail vessel amidships There was a momentary glimpse of black arms clutching wildly at her sleek sides the Jason reared and leaped like a horse over a hurdle—splashed heavily upon the water, careened, righted and raced on.

Cries for help, cries of terror arose from the dark water behind us. An instant later we flashed around the bend in the

river, safe from pursuit.

For nearly half a mile we continued the wild flight until all sounds of the chase were left behind. I throttled down the engine and, without a word, Danforth steered a wide circle.

"Shut off the headlight," he said, when the dangerous turning movement in the

the dangerous turning movement in the narrow channel was accomplished.

"We've got to go back for Borton," I said. "We can't leave him."

"That's why I turned," said the little detective, calmly. "They were chasing him toward the river. Evidently he made it—for there were no shouts of discovery."

"He probably swam the river and is

"He probably swam the river and is waiting hidden on the other side," Danforth said. "We'll muffle that motor as much as possible and keep close in to the west bank. They won't be expecting us back, and if they try to reach us, put on speed

Muffling the motor as much as possible we slipped back toward the scene of the strange drama. There were lights at intervals along the edge, but the negroes appeared to have abandoned the chase.

What became of Borton? Were the negroes entirely dispersed? Did Trimble escape? You will be interested in reading the thrilling con-clusion of this remarkable story of Big Rabbit by Hugh Fullerton. It will appear in the July first issue of Radio Digest.

(Copyright 1926 by Hugh Fullerton. All rights reserved.)

#### WRR SECOND STATION

(Continued from page 6)

oratory from sending stations. This all being true, WRR was crowded out of the air. Its obsolete equipment could not be replaced. Therefore the station was closed down by the government in April of last

On May 1, 1925, after the government had ordered the station closed down, Mr. W. J. Reid, a Radio fan, called on the police and fire commissioner, Mr. Turley and asked if there was any chance of getting WRR back on the air again. The commissioner advised Mr. Reid that the city did not have any funds to purchase new equipment or to support a first class station. He said that it could not be done unless funds could be raised by private subscriptions. Mr. Reid suggested that Mr. Turley call a conference of Radio fans to discuss ways and means to revive the station. This Mr. Turley did.

The enthusiasts gathered at the city hall

one morning and wondered whom to make chairman. While they were discussing the matter Mr. James E. Forrest, president of the Central Bithulithis company came along. He was at once made chairman The fans went to work earnestly and less than ten days a petition containing more than 5,000 names was filed with Police Commissioner Turley asking him to revive the old station.

The city began the funds by giving ten thousand dollars to the station. This

As the negro amount was about one-third the amount PICTURES EYES OF AIR amount was about one-third the amount needed to put WRR on the air. The Radio committee went out and collected funds to complete the necessary amount. Several business concerns donated to the station. tion. Soon the amount of ten thousand

tion. Soon the amount of ten thousand dollars was raised to purchase equipment for the stavion.

An ordinance creating a Radio commission of eight persons to have control of the operation of WRP was passed on by the city. The commission consists of J. E. Forrest, chairman; W. I. Reid, secretary; Louis Turley, Simon Ling, A. J. Balcom, M. L. Buckner, H. B. Berg, and E. J. Keist. This commission, created by a special city ordinance, is said to be the only one of its kind in existence.

The set is of 500-watts capacity and -is supervisor of the Radio plant in Fair

A ten thousand dollar studio on the parlor floor of the Adolphus hotel was furnished by the hotel company. The studio is one of the most elaborate in this section The studio The walls are sound proof. A congrand piano is installed in the studio.

Mr. John Thorwald, the announcer, is a talented baritone, who has been singing in Dallas for several years. His voice is especially adapted to Radio work. Mr. Thorwald is a native Texan but he has spent a large part of his life out of Texas.

He was with the twenty-second Omaha He was with the twenty-second Omana detachment entertaining squad during the World war. While in the front lines he was severely gassed. After returning home he had to spend a year in the mountains to recover his health. Mr. Thorwald has studied voice in several of the leading American schools.

With enough power to reach every sec with enough power to reach every section of the nation the plant was in readiness on the evening of October 10, 1925. The opening of the new plant has been heralded in the leading Radio magazines of the nation, and as a result it is believed that people from the gulf coart to the Canadian border were enoughly avoiding the Canadian border were eagerly awaiting the eturn of old WRR.

It is hardly an exaggeration to say that WRR carries the voice of the "City of Achievement" into at least twenty million homes and we trust they will continue on and on to hear that voice.

(Continued from page 4)

Marcella, "assistant" Twilight Story Man.
New Orleans, good old New Orleans, beloved metropolis of the South for one century and more than a quarter of another, is a city of tradition. Music, gaiety and splendor were never lacking in New Orleans and in this swift, jazzy age New Orleans and in this swift, jazzy age New Orleans sets the pace as brilliantly as ever. Dancing along in her syncopating van is the famous Owls Orchestra of the Roosevelt hotel. They are men and therefore a little more vain of their personal appearance as they have paused for the moment for you to give the moment for you to give them the once-over with your "eyes of Radio." Men should do that—they always need all the numbers at the studio.

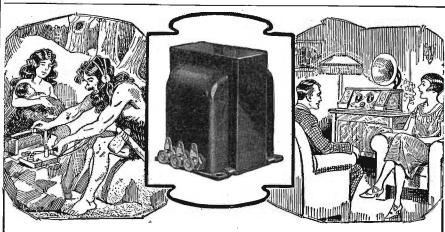
With girls to different files by the studio.

with girls stated. They have a wonderful grace's different. They have a you may see by stilline and symmetry as Misses, lower right hing the Six Musical As the press agent says corner (page 4). hit." You can well believevery Miss is a you actually see them. Takkat now that the drums and imagine a man the lady at tion. He would be spurting persit posi-and his collar would be climbing overtion ears while she is the soul of music pis sonified. Then take Miss Lilly Marphis with the cornet—sylph and grace from the tip of her tiny black slipper to the curve of her crown. A man playing? His cheeks would be distended, his elbows up and there would be sharp, grotesque angles in every direction. This is the only girls' orchestra in the Crescent City but it plays for an audience that reaches to Canada and to the ships thousands of miles at sea.

Thus you see, through these eyes, the pictures, the faces, the personalities of the artists who talk to you, sing to you, and play to you through the medium of Radio whether you be in a wilderness or palace of luxury.

#### WOK and WBCN Join C. B. A.

CHICAGO.—WOK, Neutrowound station, and Station WBCN, of the Southtown Economist, have been accepted to membership in the Chicago broadcasters association, according to an announcement by Jack Nelson of WJJD.



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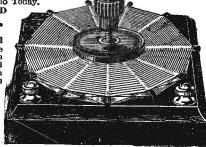


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Put this interference eliminator on your set and note amazing improvement. No tools needed—install in a moments time. Connect with set and follow simple instructions. Money back promptly if not delighted. \$1.00 postpaid anywhere in U. S. when cash with order.



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References: Exchange National Bank, Atchison Savings Bank. Order today—a dollar bill will do. STEINITE LABORATORIES. 261 Radio Bldg., ATCHISON, KANSAS

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Copy reaching us not later than June of will be in time for our July 15 issue.

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NO MORE BATTERIES any set on AC "B" eliminator—operatiction guaranteed. or DC, no hum, sati Engineers' Service Complete plans, & St., New York.

Het Actual Size Template Fortable Sugner using 199 type tubes. for 8-tubouilding instructions appearing Completand Second June issues of Radio in Fk. 25 cents for template—30 cents Dircopies containing instructions. Book fept., Radio Digest, 510 North Dearborn Street, Chicago.

#### **DOGS**

Beautiful registered bull pups, \$15. Bulldegs, 501 Rockwood, Dallas, Texas.

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Here is your opportunity to obtain a real good buy on ¼-HP, 110-volt, 60-cycle, single phase, AC, enclosed dust proof new electric grinders and buffers, 6-inch emery wheel on one side and 6-inch buffer on the wheel on one side and 6-inch buffer on the other, with cord and plug, at a low price of \$15.75 each. Special price on brand new I-KW or 1000-Watt, 32-volt, 1150 speed, ate design, Westinghouse light and power generators with pulley, ready to run at \$48.00 each. Largest dealers in new and used motors and generators in the Northwest. Send us your inquiries. General Distributing Co., Security Storage Bldg., Duluth, Minn. Duluth, Minn.

#### **MISCELLANEOUS**

Photos of Your Favorite Radio Stars. Ten cents and coupon appearing on another page of this issue will entitle you to one of the photos from Radio Digest gallery of stars. Radio Digest, 510 North Dearborn Street, Chicago.

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Standard Radio Sets, parts and accessories at lowest prices. Write for Bargains. Martin Sales Co., 108 E. Front, Bloomington, Ill.

Closing out all of my Radio stock. 200-ohm potentiometer with sliver knob and dial, 10 cents; Howard rheostats 6½, 6¾ or 25-ohm, 75 cents; Filkostats, 50 cents; set eight lettered binding posts, 25 cents; vari-able 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.

#### RECEPTION RECORD

Brand new Idea! Flag that station! With the Wadsworth Radio Reception Record, specially designed map, framed (13x19 in.) to hang near Radio. Put log on flag; flag in Record. Thirty flags—three colors. Something to be proud of. \$1.50 postpaid. Canada, \$2.00. Order from nearest office: Radio Specialties Co., 1820 Curtis St., Denver, Colo. 117 No. Broadway, Los Angeles, Calif.

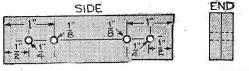
#### REAL ESTATE

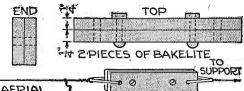
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#### SCRAPS MAKE AERIAL INSULATORS





FASTEN ONE AT EACH END OF AERIAL

This insulator can be made out of odd praps of be elite that you probably have scraps of be delite that you probably have lying around. Cut one piece 3 inches long and thich wide and then make three more and inch wide and then make three his just like it. These four pieces make two insulators, one for each end of the wire. Measure in from each end, one inch and Pennsylvania.

one-half inch and bore four holes in each piece. Put 6-32 machine screws through the holes one inch in and put on hex nuts. The remaining two holes are for antenna wire and support wire respectively.— Frank Falvo, 2 Blanck's Way, Pittsburgh,

(Continued from page 10)

reen 5 connect to terminals 53 and 54 of Carter loop jack, while remaining terminals 62 and 63 of Victoreen 5 connect to antenna and ground posts, respectively, upon the face of the panel. Connect terminal 42 of the Carter potentiometer C to 20 of socket 4, and 36 of rheostat D to 28 of socket 4 28 of socket 4.

K.—Connect F of Victoreen 4 to 23 of socket 7, and 14 of socket 6 to P of Thordarson transformer T-1. Connect 14 of socket 6 to one terminal of the .001 mfd. Aerovox condenser. Connect remaining terminal of this condenser to + post of 4½-volt C battery.

L.—Connect 7 of socket 7 to  $\widehat{G}$  of transformer T-1 and 15 of socket 7 to P of transformer T-2. Likewise connect 8 of socket 8 to G of transformer T-2. Conschet 8 nect 16 of socket 8 to 59 of the Carter output jack (this is the terminal making connection with the frame of the jack). Connect 58 to positive or B+ terminal of

M .- A three foot length of wire is now connected to 23 of socket 7. This wire will form the connection to the plus or positive A battery. Another three foot length is connected to 56 of the Carter output jack to serve as negative or minus A battery lead.

N .-- Connect terminal 57 to 41 of rheostat E and at this point attach the wire to the + terminal of the C battery. Next connect —F filament posts of both transformers, T-1 and T-2, together and to the - terminal of the C battery.

#### Battery Connections

This completes the wiring. Check back to see that all is correct. The A batteries are now to be connected, using 3 of the National Carbon No. 7111 type. Connect them in series (as shown in figure 9 on page 9 of the first June issue). These batteries are to be placed in the upper right (upper left if looking in the back), compartment of the portable case.

Next connect the four National Carbon No. 764 B batteries. They also are to be connected in series and placed in the upper left compartment of the case. The — or negative side of this B battery should be connected to the - or negative side of the A battery, while the other end or 90-volt tap of the B battery should be connected to B+ terminal of transformer T-2. A lead to the 45-volt B battery tap should be connected to B+ post of transformer T-1. The negative A battery lead, which is connected to 56 of the Carter output jack, is now connected to the negaterminal of the A battery, while the positive A battery lead, which is connected to 23 of socket 7, is connected to the positive terminal of the A battery. Insert the tubes and grid leaks, connect

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S-O-S PORTABLE SUPER antenna, and the receiver is ready for operation by plugging in the loud speaker. Please understand that the wiring of the output jack is arranged to act as a filament control. The receiver will not work therefore until a plug is inserted in jack. Those builders who desire to employ the loud speaker horn shown at the center of the cabinet need only fasten a head phone or small phonograph attachment type of receiver to the rear opening of this horn, and from each terminal of this receiver run wires to terminals 58 and 59 of the output jack. This arrangement permits the portable speaker to be used by inserting a dummy plug in the output jack, or the portable and an outside speaker in parallel if an auxiliary speaker is connected to the plug.

Should one desire to use only the auxiliary speaker, the connections outlined for the portable speaker may be ignored. The completed receiver is now ready for tryout by connecting the aerial and ground to their respective posts upon the front panel. Tuning is accomplished in the usual manner with the exception that the potentiometer control will need to be varied carefully in order to determine its best setting.

#### Changes for Loop Aerial.

No mention has been made for the use of a loop, although the binding post between the aerial and ground posts is in-stalled for builders desiring loop reception. The ingenious set maker can wind a loop in one of the case's two covers, or a small folding center tapped loop can be carried. For loop reception the Hammarlund midget condenser is mounted on the front panel just to the right of the loop jack and the following changes in the wiring are made in order that either loop or aerial and ground may be used:

The wire connecting one side of the 'pick-up coil' of the oscillator to the wave length tuning condenser is removed. Now connect the center binding post on front panel (used for the center tap of the loop) to pick-up coil of the osciliator. A connection is now made from the rotor

## (ale GROUND HOG DOUBLES POWER AND TO THE POWER AND TO THE POWER AND THE PO

Marvelous newly-invented ground gives 100% improved reception. Doubles power and distance. Stops leakage. Reduces static. Stops jangling even in mid-summer. Results never before equalled, users say. Satisfaction Guaranteed. Proven absolutely essential to clear, powerful distance reception. Draws and holds moisture indefinitely. Highly sensitive to radio energy. SEND NO MONEY—To introduce, we offer to those who act at once, regular \$5.00 size for only \$2.00. Send name today and pay \$2.00 plus 170 postage on delivery. Or send only \$2.00 with order and save postage. FREE—Full description of Ground Hog and big money making agent's offer on request—write today. of Ground Hog and big
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plates of the wave length tuning condenser to stator of the midget Hammar lund condenser, and rotor of this small condenser is connected to the P or plate terminal of the first detector socket. This socket is connected to the input trans-former. Slight adjustments of this condenser will have to be made, but once adjusted it will seldom require further attention. Its use with a center tapped loop will make the receiver more selective although it is advisable when using a portable to ignore the use of a loop, as a short length of insulated wire thrown over a nearby tree limb will be found an ample energy collector and saves the trouble of

carrying a loop.

A word about tuning is added. Refer back to the graph (page 10) of the Amsco condensers in passing through the tuning range. If the builder will also use it for noting the wave lengths of stations he receives, in a short time an ideal tuning chart will be had. In addendum the writer wishes to remark that many builders are prompted oftentimes to use any old make of rheostats or jacks. Carter products are specified and used in this receiver with the assurance that their compact ruggedness and careful manufacture will yield satisfactory operation over a long period.

It is the author's desire to caution those of you who wish also to use the receiver in your home, that in so doing, the battery types specified should be replaced by those types recommended by the National Carbon company for heavy duty service. The types specified in these articles are, of course, ideal for portability, but they are not intended to withstand such long usage as would be encountered in the home, where the heavy drain of many hours per day require special types of larger and heavier batteries.

#### OLD STATIC'S FUNERAL

(Continued from page 11) We need not be surprised to hear that the silent members of the west coast have been biding their time and may furnish us with a superior device of some special Murmurings of such an event have reached my ears, and I hope to give some very valuable information from California in an early issue.

(The recommendations of an experienced "Ham" Radio man will be disclosed in the article on subantennas which will appear in the issue of Radio Digest on the news stands June 30.—Editor's Note.)

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## Radiophone Broadcasting Stations

## Corrected Every Issue-Part IV

#### FIND MISTAKES AND YOU'LL GET DOLLAR

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 Di-rectory of Radiophone Stations, which appears in six parts, serially continuously on the next to last page. Letters must reach Radio Digest's office not later than one week from date of issue corrected. Readers are not limited to correcting one station, but such corrections must be verified by the stations themselves, and NOT by comparison to other so-called accurate Radio directories or lists. Verifications must accompany corrections. Turn in corrections for as many stations as you can find—if you can find errors! Use separate sheet of paper for each station submitted and place name and address on each sheet. In case of tie, duplicate awards will be made.

#### United States (Cont'd)

NOTE.—The fourth part of the schedule list appears

NOTE.—The fourth part of the scheduler of the below. Part five appears next Issue.

WL17. Philadelphia, Pa. 394.5m-760kc. 500 watts. Lit. Bros. Announcer. Harry E. Ehrhart. Club, "Morning Glory." Deily ex Sun, 12:02 pm, music; 2, musle. Mon, 4:30 pm, 7:30, 8, 10. Tues, 11 am. Wed. Thurs, 4:30 pm. Wed, 7:30 pm, 8, 10, 11. Fri. 7:30 pm, 8:45, 10. Eastern darlight.

WLS, Chicago, III. 944.6m-870kc. 5,000 watts. Sears, Roebuek & Co. Slogan, "World's Largest Store." Announcer, Donald F. Malin, Daily ex Sun, 6:30-8 am; Y.M.C.A. 9-2:30, half hour markets; 1-2 pm, farm program; 2:30-2:30 pm, Homemakers' hour; Wed, Fri, 6-12 mid; Sat, 6:30-1 am; Tues, Thurs, 6-8 pm; Sun, 10:50-1 pm, U. of Chicago, Church and concert; 7-9 pm, Little Brown Church. Central daylight.

WLSI, Providence, R. I. 440.9m-680kc. 500 watts. Lincoln Studios, Inc.

WLTS, Chicago, III. 258.5m-1160kc. 100 watts. Lane Technical High School. Frt, 1-2 pm. Central daylight.

WLW, Cincinnati, Ohio. 422.3m-710ke. 5,000 watts. The Crosley Radio Corp. Announcer, William Stoess. Daily ex Sun, 10:45 am, 11:55, time; 1:30 pm. Daily ex Sun, Fri, 7, dinner hour; 6:55, markets. Daily ex Sat, Sun, 7:45 am, morning devotions; 8, exercises; 12:15, program; 3, 4, reports. Mon, Tues, 8-10 pm. Wed, Thurs, 10-12 midnight. Sun, 9:30 am, 11, 7:30 pm, 8:30. Central daylight.

pm, 8:30. Central daylight.

WLWL, New York, N. Y. 288.3m-1040kc. 3,500 watts. The Paulist League. Announcer, James F. Cronin. Slogan, "For God and Country." Mon, 8:30 pm; Tues. Wed, 9 pm. Thurs, 8:30 pm. Sun, 8 pm. Eastern daylight.

WMAC, Cazenovia, N. Y. 275.1m-1090kc. 100 watts. C. B. Mcredith. Announcer. C. R. Jones. Thurs, Fri, 6:15-7.15 pm. Eastern standard.

WMAF, South Daytmouth, Mass. 440.9m-680kc. 1,000 watts. Round Hills Radio Corp.

watts. Round Hills Radio Corp.

WMAK, Buffalo, N. Y. 265.3m-1130kc. 500 watts.
Norton Laboratories, Inc. Announcer Kenneth Sallsbury,
Daily ex Sun, 7:15 pm, news. Tues, Thurs, Sat, 6:157:15 pm, dinner music. Mon, Sat, 7:39-11 pm. Wed.
7:30-10 pm. Sun, 10:25 am, church; 7:30 pm, church
service. Eastern daylight.
WMAL, Washington, D. C. 212.6m-1410kc. 100 watts.
M. A. Leese Optical Co.

service. Eastern daylight.

WMAI., Washington, D. C. 212.6m-1410ke. 100 watts.
M. A. Leese Optical Co.

WMAN, Columbus, Ohio. 277.6m-1080ke. 50 watts.
First Baptist church. Announcer, John Bohannan. Sun, 10:30-12 noun, 7:30-9 pm, church services. Eastern.

WMAQ, Chicago, Ill. 447.5m-670ke. 1,000 watts. The Chleago Daily News. Announcer, Roberty Whitney, Daily ex Sun, 12 n, 1:45-2:45 pm, 7-8, 8-10. Central daylight.

WMAY. St. Louis, Mo. 247.8m-1210ke. 100 watts. Kingshighway Presbyterian church. Slogan, "May Every By-Way Hear Kingshighway." Mon, 8 pm. Sun, 11 am, 8 pm. Central.

WMAZ, Macon, Ga. 260.7m-1150ke. 500 watts. Mercer University. Announcer, Carey O. Pickard. Off the air for the summer.

WMBB, Chicago, Ill. 249.9m-1200ke. 500 watts. American Bond & Mortgage Co.-Trianon. Announcer, Col. House. Slogan, "World's Most Beautiful Baltroom." Daily ex Sun, Mon, 7-8 pm, 9-11. Sun, 3-5 pm, 7:45-11. Central daylight.

WMBC, Detroit, Mich. 256.3m-1170ke. 100 watts. Michigan Broadcasting Co. Announcer, Dan L. Fox. Mon. Tues, Wed, 10 pm. Sun, Thurs, Fri, 8 pm. Eastern.

WMBC, Miaml Beach, Fla. 384.4m-780ke. 500 watts. Fleetwood Hotel, Daily, 7-8 pm, dinner concert; 7:30-9 pm. Eastern.

WMBC, Memphis, Tenn. 499.7m-600ke. 500 watts. The Commercial Appeal. Announcer, Francis S. Chamberlin. Slogan, "Station WMC, Memphis." "Down in Dixle." Club, "Midnight Froile." Daily ex Sun, 9:45 am, 11:30, 2:30 pm, program; Tues, Fri, 11 pm, Midnight Froile. Sun, 11 am, church service. Central. WMCA, New York, N. Y. 340.7m-880ke. 500 watts. Hotel McAlpin. Announcer, Snedden Weir. Slogan, "Where the White Way Begins." Daily, 6-12 mld. Night, Tues, 11-11 pm. Sun, 11-12:15 pm, 5-11. Eastern daylight.

WMAG, New York, N. Y. 212.6m-1410ke. 500 watts. Madison Square Garden.

WNAG, Roston, Mass. 249.9m-1200ke. 500 watts. The Shepard Stores. Announcer, John J. Fanning. Daily ex Sun, 01:30-11:130 am, 1-2 pm, 4-5, 6-7:30. 8-10.

WNAC, Boston, Mass. 280.2m-1070kc. 500 watts. The Shepard Stores. Announcer, John J. Fanning. Daily ex Suo, 10.30-1130 am, 1-2 pm, 4-5, 6-7:50, 8-10. Sun, 11 am, 1:30-2:30 pm, 6:45-8:30. Eastern daylight.

Sun, 11 am, 1:30-2:30 pm, 0:30-8:30. Eastern daylight.

WNAD, Norman, Okla. 254.8m-1220ke. 500 watts. University of Oklahoma. Announcer, C. E. Bathe. Slogans, "Oklahoma"; "Voice of Sooner Land." Off the air for the summer.

WNAL, Omaha, Nebr. 258.5m-1160ke. 50 watts. Central High School. Announcer, Ronald J. Rockwell. Slogan, "Pioneer Broadcast of Omaha." Fri, Sat, 9-10:30 pm. Central.

WNAT, Philadelphia, Pa. 249.5m-1200ke. 100 watts.

Central.

WNAT. Philadelphia, Pa. 249.9m-1200ke. 100 watts.
Lennig Bros. Co. Announcer, Jess Brinton Young.
Slogan, "We Never Are Tired." Wed, 6:50 pm.
Sat, 8 pm. Sun, 6:50 pm. Eastern daylight.

WNAX, Yankton, S. D. 248.8m-1230ke. 100 watts.
Dakota Radio Apparatus Co. Daily ex Sun, 11:30 am,
markets, weather. Mon. Wed, 8 pm, 9. Central.

markets, weather. Mon, Wed, S pm, 9. Central.

WMBH, New Bedford, Mass. 247.8m-1210kc. 250 watts.

New Bedford Hotel. Announcer, A. J. Lopez. Mon,
6-10 pm. Wed, Frl, 6-7 pm, 8-10. Sun, 11-12:15
pm. Eastern daylight.

WNJ, Newark, N. J. 252m-1190kc. 150 watts. Radto
Shop of Newark, Inc. Announcer, W. A. Bingenheimer. Slogan, "The Voice of Newark." Tues, Wed,

Fri, Sat, Sun, 6-6:30 pm, 8:30-12 midnight, dance music. Eastern daylight.

WNOX, Knoxville, Tenn. 267.7m-1120kc. 500 watts. Peoples Telephone & Telegraph Co.

WNYC, New York, N. Y. 526m-570kc. 1000 watts. New York Municipal Radio station. Annoncer, Albert Goldman. Slogan. "Municipal Broaceasting Station of The City of New York." Tues, Thurs, 7 pm, markets; 7:30 pm, 10:30, police; 7:335, entertainment; 10:30, weather. Mon, Wed, Fri, 6:10 pm, markets. Eastern daylight.

WOAI, San Antonio, Tex. 394.5m-760kc. 2000 watts, Southern Equip. Co. (Evening News-Express), Announcer, J. G. Cummings. Slogan, "The Winter Playround of America, Where the Sunshine Spends the Winter," Daily ex Sun, 10 am, weather reports, news; 12:15 pm, 2:30, 8, 6:15. Tues, Wed, Thurs, Frl. 8:30-9:30 pm, Sun, 11 am, service; 7:30 pm, 9:30. Central.

9:30 pm. Sun, 11 am, service; 7:30 pm, 9:30. Central.

WOAN, Lawrenceburg, Tenn. 282.8m-1060kc. 500 watts.
James D. Vaughan. Announcer, James D. Vaughan.
Daily ex Sat, 9-10 pm, concert. Central.

WOAW, Omaha, Neb. 526m-570kc. 1000 watts. Woodmen of the World. Announcer, Lester Palmer. Slogan, "Where the West is at the Best." Daily ex Sun, 8:15 am, 8:55, 10:30, 12:30 pm, 1:45, 4, markets. Daily ex Sun, Sun, 52.4 pm, Daily ex Sun, Wed, 6-7:30, 9-11. Sat, 11-12 midnight, organ.

Sun, 9-10:45 am, 1:30 pm, 2:30-4 pm, 6, 9. Central.

WOAX. Trenton N. J. 2:39 pm-1250kc. 500 watts.

WOAX, Trenton, N. J. 239.9m-1250kc, 500 watts. F. J. Wolff, Slogan, "Trenton Makes, the World Takes." Daily ex Sun, 12:15-12:30 pm, 6-7. Tues, 8:30-10 pm. Fri, 8:30-10 pm, muslc. Sun, 9:30-11 pm.

8:30-10 pm. Fri, 8:30-10 pm. music. Sun, 9:30-11 pu. Eastern.

WOC, Davenport, Iowa, 483.6m-620kc, 5.000 watts. The Palmer School of Chiropractic. Slogan, "Where the West Begins and in the State Where the Tall Corn Grows," Daily ex. Sut, Sun, 12:15 pm. weather, Radio farm school; 12:57, time; 1 pm. closing markets; 3, home hour; 5:45, chimes; 6, baseball, Tues, 6:8 pm. New York program; 8-9, West, 14:45 pm; 6:30, 9-31, Thursday, 6-9 pm. Fri, 6-4, 14:45 pm; 6:30, 9-31, 15:55 pm, 1-9:35, 6-9-10, Sun, 1-2:30 pm. WoCl., Jamesown, N. 13:30, Central Sun, 1-2:30 pm. WoCl., Jamesown, N. Market Assn. Announcer, W. A. McCutcheon. Slogan, "We're on Chautsuqua Lake." Mon, 9-9:15, 9:15-12 midnight. Sun, 10:30 am, 7:30-9. Eastern.

McCutcheon. Slogan. "We're on Chautauqua Lake."

Mon. 9-9:15, 9:15-12 midnight. Sun, 10:30 am, 7:30-9.
Eastern.

Mon. 9-9:15, 9:15-12 midnight. Sun, 10:30 am, 7:30-9.
Eastern.

WODA. Paterson. N. J. 223.7m-1340kc. 500 watts.

O'Dea Temple of Music. Slogan, "A Voice from the Silk City." Daily ex Sun, 12-1 pm; 5-7, 8:30-11.

Eastern daylight.

WOI, Ames, lowa. 270. Im 1110kc. 750 watts. Iowa State College. Announcer, A. G. Woelfries. Daily ex Sun, 9:30 am, weather reports; 10:30, 12:30 pm, chimes, market, weather, educational talks; 9:30, weather. Tues, Thurs, 10:30 am, homemakers hour. Mon, Thurs, 7:30 pm. Sun, 10:45-11 am; 11-12. Central.

WOK, Homewood, III. 217.3m-1380kc. 5000 watts. Neutrowound Radio Mig. Co. Announcer, George W. Allen. Daily ex Sun, Mon, 4:30-7 pm; 10-1:30, Sun, 12-2 am, 6-1 am. Central daylight.

WOKO, New York, N. Y. 232.4m-1290kc. 50 watts. The Dyckman Radio Shop. Announcer, Oscar H. Sherrane. Mon, Thurs, Sat. 8-12 pm; Sun, 11-12:30 pm; 7:30-10. Eastern daylight.

WOO, Philadelphia, Pa. 508.2m-590kc. 500 watts. John Wanamaker; Announcer, Jos. N. Nassat. Dally ex Sun, 11 am, organ recital; 12:55, time; 12-1 pm. concert; 4:30, weather; 4:45, organ recital; 7:30, police reports; 10:55, time; 10:02. weather, Mon, Wed, Fri, 7:30-11 pm, music, concert. Sun, 2:30 pm, Sunday school; 6, organ recital; alternate am and pm services, 9:15, alternate Sundays. Eastern daylight.

WOOD, Grand Rapids, Mich. 241.5m-1240lcc. 1,000 watts. Hotel Rowe. Announcer, Maurice Wetzel. Slogan, "The Furniture Capital of America." Dally ex Sun, 11 ann. central daylight.

WOOD, Grand Rapids, Mich. 241.5m-1240lcc. 1,000 watts. Hotel Rowe. Announcer, Maurice Wetzel. Slogan, "The Furniture Capital of America." Dally ex Sun, 11 ann. central daylight.

WOO, Kansas City, Mo. 277.6m-1080ko. 1,000 watts. Unity School of Christianity. Tues, 8-9 pm. Thurs, 7-7.45-9 pm. 7:45-9, Sat. 8-9 pm. 10-11 pm. Sun, 11 am, 7-9:15 pm. Central.

WOR, Newark, N. J. 405.2m-740kc. 500 watts. L. Bamberger & Co. Announcer, J. M. Barnett. Dally ex

WORD. Batavia, III. 275.1m-1090kc. 5.000 watts. Peoples Pulpit association. Announcer, B. M. Rice Slogan, "Watchtower Station WORD." Tues, Wed. Fri, 7-8 pm; 9-10, 11-12. Thurs, 8-10 pm. Sat, 7-8 pm. 9-10. Sun, 2:30-4 pm, 7-8, 9-10:30. Central deatlight. on, daylight

daylight.

WOS, Jefferson City, Mo. 440.9m-680kc. 500 watts.
Missouri State Marketing Bureau. Slogan, "Watch Our State." Daily ex Sun, first 15 min. of every hour from 9 am-2 pm, markets; 7, N. Y. stock and bond markets. Mon, Wed, Fri, 8-10 pm, concert. Sun, 9:30-10:30 am, services; 5 pm, vesper; 7:30-9, church service.

Central.

WOWL, New Orleans, La. 270.1m-1110kc. 10 watts.

Owl Battery company. Slogan, "Where Owl Batterles

Are Made."

Owl Battery company. Slogan, "Where Owl Batterles Are Made."

WOWO, Fort Wayne, Ind. 227m-1320kc. 500 watts. Main Auto Supply Co. Off the alr for the summer. WPAK, Fargo, N. D. 275.1m-1090kc. 100 watts. N. D. Agricultural College. Announcer, Gordon Laing. Mon. Wed, Fri, 7:30 pm. Central.

WPCC, Chicago, 111. 258.5m-1160kc. 500 watts. North Shore Congregational church. Announcer, Frances H. Frederickson. Wed, 7-8 pm. Fri, 7:30-9 pm. Sun, 11-12:30 pm; 3:30-6, 8, service. Central daylight.

WPDQ, Buffalo, N. Y. 205.4m-1460kc. Hiram L. Turner.

WPDQ, Buffalo, N. Y. 205.4m-1460kc. Hiram L. Turner.

WPG, Atlantic City, N. J. 299.8m-1000kc. 500 watts. Municipality of Atlantic City. Slogan, "World's Playgrounds." Mon, Tues, Fri, 7 pm. Tues, Thurs, Fri, Sat, 9 pm; 10, classics. Mon, 8 pm, Thurs, 11 pm. Sat, 6:30 pm, concert; 10, Sun, 3:15 pm, organ; 4:15, service; 10, service. Eastern daylight.

WPRC, Harrisburg, Pa. 215.7m-1390kc. 100 watts. Wilson Printing & Radio Co. Wed, 9-11 pm. Eastern daylight.

WPRC, Harrisburg, Pa. 215.7m-1390kc. 100 watts. Wilson Printing & Radio Co. Wed, 9-11 pm. Eastern daylight.

WPSC, State College, Pa. 260.7m-1150kc. 500 watts. Pa. State College. Slogan: "The Voice of the Nittany Lion."

WQAA, Parkesburg, Pa. 220.4m-1360kc. 500 watts. Horace A. Beale, Jr. Temporarily discontinued.

WQAC, Amarillo, Tex. 234.2m-1280kc. 100 watts. Gish Radio Service. Daily ex Sun, 10 am, 12 n, 7 pm. Sun, 11 am. Central.

WQAE, Springfield, Vt. 245.8m-1220kc. 50 watts. Moore Radio News Station. Announcer, Ernest S. Newell. Slogan, "The Ploneer Broadcasting Station of Vermont." Sat, 11-1 am. Sun, 10:30 am, church service; 7 pm, service. Eastern.

WQAM, Miami, Fla. 263m-1140kc. 100 watts. Electrical Equip. Co. Announcer, Frederick W. Mizzt. Slogan, "The Most Southern Radiocasting Station in U. S." Mon, Wed, Frl, 6:45-8:15 pm. Eastern.

WQAN, Scranton, Pa. 249.9m-1200kc. 100 watts. Scranton Times. Announcer, T. V. Nealon. Slogan, "The Voice of the Anthracite." Daily ex Sun, 12:30-1 pm, 4:30-5, news, reports, sports, music. Tues. Frl, 8 pm. entertainment. Sat, 11-12 midnight, dance music. Eastern.

pm, entertainment. Sat, 11-12 management. Eastern. Bastern. VAAO, New York, N. Y. 361.2m-830kc. 500 watts. Calvary Baptist church. Announcer, Wade Klrnsey. Slogan: "The First Church Owned and Operated Broadcasting Station in the World." Wed, 8 pm. church service. Sun, 11:30 am, 3 pm, 7:30, church service.

easting Station in the World. Wed, 8 pm, cluvren service. Sun, 11:30 am, 3 pm, 7:30, church services. Eastern daylight. WQJ, Chicago, III. 447.5m-670ke. 500 watts. Calumet Balding Powder company-Rainbo Gardens. Announcer, Jerry Sullivan. Daily ex Sun, 1:45-2:45 pm, woman's hour. Daily ex Sun, Mon, 7-8 pm, 10-2 am. Satt. II-12 m, 3-4 pm, 7-8. 10-3. Mon, 11-12 m, 3-4. Sun, 9:30 am, service; 3-4 pm, 8-10. Central daylight. Radio Club, Inc. Announcer, Charles Middleton. Slo-

gan, "The Voice of the Maple City." Mon, Thurs, 8:30 pm. Sun, 10:45 am, service; 7:30 pm. Central. WRAK, Escanaba, Mich. 256.3m-1170kc. 100 watts. Economy Light Company. Announcer, H. E. Flath, Slogan, "The Galeway to Cloverland." Mon, Fri, 8:30 pm. Eastern.
WRAM, Galesburg, Ill. 243.8m-1230kc. 100 watts. Lombard College. Mon, 7-11 pm. Central.
WRAY, Yellow Springs, Ohio. 263m-1140kc. 100 watts. Antioch College. Announcer, Charles Hoffman. Wed, 8 pm., music; 9, educational. Sun, 7 pm. Central.
WRAW, Reading, Pa. 228m-1260kc. 10 watts. Avenue Radio & Elec. Shop. Slogan, "The Schujkill Valley Echo." Announcer, C. M. Chafey. Twes, 9-11 pm. Thurs, 10-12. Eastern.
WRAX, Gloucester City, N. J. 267.7m-1120kc. 500 watts. Flexon's Garage. Announcer, A. D. Flexon. WRBC, Valparaiso, Ind. 277.6m-1080kc. 500 watts. Immanuel Lutheran church. Announcer, Forrest Jones. Slogan, "World Redeemed by Christ." Mon, 7:30 pm. Sun, 7:30 pm, church service. Central.

pm. Sun, 7:30 pm, church service. Central.

WRC, Washington, D. C. 468.5m-640kc. 1000 watts.
Radio Corp. of America. Announcer, Edward B.
Hussins. Slogan, "The Voice of the Capitol." Mon,
Wed, Fri, 10 am-6:30 pm. Tues, Thurs, Sat. 10 am12, midnight. Eastern.
WRCO, Raleigh, N. C. 252m-1190kc. 100 watts.
Wynne Radio Co. Sun, 10:45 am; 1 pm. Eastern.
WREC, Colidwater, Miss. 254.m-1180ke. 10 watts.
Wooten's Radio & Elec. Co. Announcer, S. D. Wooten.
Slogan, "The Most Powerful 10-Watt Station in
the World." Sat, 9:30-10:30 pro; Sun, 4-5 pm. Central.

tral.

WREO, Lansing, Mich. 285.5m-1050kc. 500 watts.

Reo Motor Car Co. Announcer, Roy E. Davis. Slogan

"Watch Reo." Daily ex Sun. 6-7 pm, dinner concert.

Tues, Thurs, 8:15-10 pm. Sat. 10-12 midnight. Sun

10 am, chinnes; 10:30 am, 7:30 pm, church. Eastern

10 am, chinnes; 10.30 am, 7:30 pm, church. Eastern, WRHF, Washington, D. C. 256.3m-1170kc. Washington Radio Hospital fand.
WRHM, Minneapolis, Minn. 252m-1190kc. 50 watts. Rosedale Hospital, Inc. Announcer, Troy S. Miller. Tues, 11 pm. Wed, 9-11 pm, music. Sun, 9:30 am. 2:30 pm, 9:30, 11. Central.
WRK, Hamilton, Ohio. 270.1m-1110kc. 200 watts. Doron Bros. Elec. Co. Slogan, "The Oldest Station in Existence." Sun, 10:15 am, church services. Central.

in Existence." Sun, 10:15 am, church services. Central.

WRM, Urbana, Ill. 272.6m-1100kc. 500 watts. Univ. of Ill. Tues, 7-8 pm, musical. Sun, 4 pm, organ. Central.

WRMU, New York, N. Y. 236 meters. 100 watts. A. H. Grebe & Co., Inc, Motor Yacht "MU-1."

WRNY, New York, N. W. 258.5m-1050kc. 500 watts. Experimenter Pub. Co. Dally ex Sun, 12 noon, 1:30 pm, 6:59-11. Sun, 1-2 am, 3 pm, 4, 8. Eastern daylight. WRR, Dallas, Texas, 245.8m-1220kc. 500 watts. City of Dallas. Announcer, John Thorwald. Slogan, "City of Dallas. Announcer, John Thorwald. Slogan, "City of Aschievements." Daily ex Sun, Wed, 12-1 pm; 5-5:30, 6-7, 8-9, Mon, 11-12 midnight. Brl, 11-12 midnight. Wed, 5-5:30 pm. Thurs, 9:30-10:30 pm. Central.

WRST, Bay Shore, N. Y. 215.7m-1390kc. 250 watts. City of Mrs. Co., Inc. Slogan, "Radiotel on the Sunrise Trail." Daily ex Sun, 12-1 pm; 7-11. Sun, 10-12 m, 8-11. Eastern.

WRVA, Richmond, Va. 256.3m-1170kc. 1,000 watts. Larus & Bro. Co., Inc. Announcer, Elmer G. Hoelzle. Slogan, "Carry Me Back to Ole Virginny." Mon, Wed, Thurs, 8-11 pm. Tues, 11-1 am. Fri, 7-11 pm. Eastern.

WRW, Tarrytown, N. Y. 272.6m-1100kc. 500 watts.

Wed, Itius, 5-11 pm.
Eastern.
WRW, Tarrytown, N. Y. 272.6m-1100kc. 500 watts.
Tarrytown Radio Research Laboratory. Announcer,
Frederick Koenfg. Slogan, "Westchester County's
Brondeasting Statton." Daily ex Sun, Wed, 9-11.30 pm.
Mon, 7-8 pm. Wed, 10-11.30 pm. Sun, 8-9 pm, 10.30-

Broadcasting Station. Barly & Sun, Wed, 9-11-30 pm. Mon, 7-8 pm. Wed, 10-11-30 pm. Sun, 8-9 pm, 10-30-11-30. Eastern. WSAI, Cincinnati, Ohio. 325.9m-920ke. 5,000 watts. United States Playing Card Co. Announcer, P. A. Greene. Mon, 10-12 m. Tues, 5:30-10; 12-1. Wed, 7:30-12 midnight. Thurs, 6:30-10 pm. Sat, 7-10 pm; 12-1:30. Sun, 3-4:30 pm; 7:45-10:15, 8-10 pm. Central daylight.

United States Playing Card Co. Announcer, P. A. Greene. Mon, 10-12 m. Tues, 5:30-10; 12-1. Wed, 7:30-12 midnight. Thurs, 6:30-10 pm. Sat, 7-10 pm; 12-1:30. Sun, 3-4:30 pm; 7:45-10:15, 8-10 pm. Central daylight.

WSAI, Grove City, Pa. 228.9m-1310kc. 250 watts. Grove City College. Horace Montgomery, activities. WSAN, Allentown, Pa. 228.9m-1310kc. 100 watts. Allentown Call Pub. Co. Announcer, C. Fred Ritter. Tues, Thurs, 8:15 pm. Sat, 8:15 pm, 11:30. Eastern. WSAR, Fall River, Mass. 254.1m-1180kc. 100 watts. Allentown Call Pub. Co. Announcer, C. Fred Ritter. WSAR, Fall River, Mass. 254.1m-1180kc. 100 watts. Doughty & Welch Elec. Co., Inc. Announcer, Wm. A. McGrath. Daily ex Sun, 12-1 pm. Mon, Wed, Fri, 5-6 pm. Sun, 10:30-12 m. Eastern.

WSAX, Chicago, 111. 267.7m-1120kc. 100 watts. Zenith Radio Corp. (Portable).

WSAZ, Pomeroy, Ohio. 243.8m-1230kc. 50 watts. Chase Elec. Shop. Announcer, Glenn E. Chase. Sat, 2 pm Sun, 10:30 am, 3:30 pm. Eastern.

WSB, Atlanta, Ga. 428.3m-700kc. 1,000 watts. Atlanta Journal. Announcer, Lambdin Kay. Slogan, "The Voice of the South." Daily ex Sun, 12-1 pm, music. weather; 2:30. reports; 5, orchestra, 8-9, concert (ex Wed) 10:45-12, concert. Sun, 5-6, 7:30-9:15, church services. Central.

WSBC, Chicago, 111. 209.7m-1430kc. 1000 watts. World Battery Co. Daily ex Sun, Mon, 6:30-8:30 pm; 10-1. Mon, 5:30-7 pm. Sat, 2-4 am. Sun, 6:30-8:30 pm; 10-1. Mon, 5:30-7 pm. Sat, 2-4 am. Sun, 6:30-8:30 pm. 10-1. Central daylight.

WSBF, St. Louis, Mo. 272.6m-1100kc. 250 watts. Stix Baer & Fuller Dry Goods Co. Announcer, Helen G. Hatfield. Daily, 12-12:30 pm, 3-3:30. Mon, Wed, Fri, 7:30-9 pm. Wed, 11-1 am. Thurs, 10-12 midnight. Sun, 9-10 pm. Central.

WSBG, South Bend, Ind. 275.1m-1090kc. 250 watts. South Bend. Tribune. Announcer, C. G. Lirengood. Mon, Wed, Fri, 7-9:30 pm mon. Sat, 10-45-1 pm. Sun, 7:30-9 30 pm. Eastern.

WSBA, New York, N. Y. 263m-1140kc. 250 watts. South Bend. Tribune. Announcer, C. G. Lirengood. Mon, Wed, Fri, 7-9:30 pm. Sat, 10-4 pm. 11 am. Eastern.

WSBA, New Orleans, La. 319m-94

WSMH, Owosso, Mich. 239.9m-1250ke. 30 watts. Shattuck Musle House. Announcer, Don Shattuck, Wed, 8 pm. Sat, 10 pm. Sun, 10 am. Eastern.

WSMK, Dayton, Ohio. 275.1m-1090kc. 500 watts. S. M. Krohn, Jr. Slogan, "The Home of Aviation." Daily ex Sun, Thurs. 12-1 pm, 6-7, 8-10. Sat, 12-3 am. Sun, 10:45-12 n, 7:30-9 pm. Central daylight.

WSOE, Miwaukee, Wis. 245.8m-1220kc. 500 watts. School of Engineering of Milwaukee. Announcer, O. W. Melssner. Slogan, 'In the Land of the Sky-blue Waters." Dally ex Sun, Mon, 7 pm; Tues, Wed, Thurs, 2:45 pm, reports. Daily ex Sat, Sun, 5 pm, reports. Sat, 1 pm, markets. Sun, 3:30 pm; 5, 7:30. Central.

WSRO. Hamilton, Ohio. 252m-1190kc. 100 watts. Radio Co. Announcer, Harry W. Fabriander. Slogan, "We Sell Radio Only." Tues, Fri, 8-10 pm. Sun, 2-4 pm. Central daylight.

WSSH, Boston, Mass. 260.7m-1150kc. 100 watts. Tremont Temple Baptist church. Announcer, Raymond B. Meader. Fri, 7:30-8:30 pm. Sun, 10:30 am; 6:30 pm, church service. Eastern daylight.

WSUI, 10wa City, Iowa. 483.6m-620kc. 500 watts. Univ. of Iowa. Announcer, Carl Menzer. Mon, Tues, Wed, Thurs, Fri, 12:30-1; pm. Mon, 7:30 pm. Wed, 9-9:30 am; 7:30 pm. Alternate Mon, 4 pm. Sat, 7:30 pm. Sun, 9:30-10 pm. Central.

WSVS, Buffalo, N. Y. 218.8m-1370kc. 50 watts. Seneca Vocational School.

WSWS, Chicago, III. 275.1m-1090kc. 1,000 watta S. W. Straus & Co. Daily ex Sun, 11-1 pm. Daily ex Sun, Mon, 6-7 pm, 8-9, 10-11. Tues, Thurs, Sat, 12-1 am. Sun, 11-12:30 pm, 3:30-5, 7-9:30. Central daylight. WTAB, Fall River, Mass. 265.3m-1130kc. 100 watts, Fall River Daily Herald. Daily ex Sun, Thurs, 6:15 pm. Mon, Thurs, 10:45 am. Tues, 7:30-9 pm. Thurs, 7:30 pm. Sun, 6:15 pm. Eastern daylight.

7:30 pm. Sun, 6:15 pm. Eastern daylight.

WTAD, Cartinge, Ill. 236:1m-1270kc. 50 watts. Robert E. Compton. Mon, 8-10 pm. Thurs, 9-11 pm. Sun, 2:30 pm. Central.

WTAG, Worcester, Mass. 267.7m-1120kc. 500 watts. Worcester Telegram. Announcer, Chester Gaylord. Slogan, "The Voice from the Heart of the Commonwealth." Daily ex Sun, 10:39-2 pm, music, reports; Mon, Wed, Fri, 7:10 pm. Tues, Thurs, Sat, 5:15 pm. "The Twinkte-Twinkte Story Teller." Daily ex Sat, 8 pm. Eastern daylight.

WTAL, Toledo, Ohio. 252m-1190kc. 100 watts. Toledo Radio & Elec. Co. Announcer, Reginald Baxter. Slogan, "The Gateway to the Sca." Daily ex Sun, 7:30

Radio & Eiec. Co. Announcer, negitian bases, gan, "The Gateway to the Sea." Daily ex Sun, 7:30 pm. Eastern.

WTAM, Clevcland, Ohio. 389.4m-770kc. 3,500 watts. Willard Storage Battery Co. Announcer, A. R. Herske, Slogan: The Voice from the Storage Battery." Daily ex Sun, 12:15-1:30 pm. 6-7 pm, dinner program. Mon, 8-1 am, concert. Wed. 8-1 am. Sat, 8-12 midnight, dance. Eastern.

WTAP, Cambridge, III. 241.8m-1240kc. 100 watts. Cambridge Radio & Elec. Co. Announcer, B. Talbot.

WTAQ, Eau Claire, Wis. 254.1m-1180kc. 100 watts. C. S. Van Gorden. Announcer, Mrs. C. S. Van Gorden. Slogan: "The Voice of the Wilderness." Daily ex Sun, 10:30 am, 12:15 pm. 6:15, weather, markets; 6:30, code. Tues, 8 pm. Fri, Sun, 7:30 pm. Central.

WTAR. Norfolk, Va. 260.7m-1150kc. 100 watts. Re-

ex Sun, 10:30 am, 12:15 pm, 6:15, weather, markets; 6:30, code. Tues, 8 pm. Fri, Sun, 7:30 pm. Central. WTAR, Norfolk, Va. 260.7m-1150ke. 100 watts. Relience Electric Co. Announcer, J. K. Bohannon. Slogan, "Down in old Virginia." Dally ex Sun, 6:30 pm, weather, markets, news. Tues, 8-9 pm, music. Eastern.

WTAW, College Station, Tex. 270.1m-1110ke. 500 watts. Agricultural and Mechanical College of Texas. Wed, Fri, 8 pm. Sun, 11 am. Central.

WTAX, Streator, III. 230.6m-1300ke. 50 watts. Williams Hardware Co., Radio Division. Announcer, N. B. Williams. Slogan: "Tappa Kegga Nails." Tues, 7-8 pm. Thurs, 8-12 mld. Sat, 8:30-10 pm. Central.

WTAZ, Lambertville, N. J. 260.7m-1150kc. 15 watts. Thomas J. McGuire. Mon, 8-10 pm, music. Eastern.

WTIC, Hartford, Conn. 475.9m-630kc. 500 watts. The Travelers Insurance Company. Slogan, "The Insurance City." Mon, 11 am, 12 n, 5:30-11 pm. Wed, 5:30-19 pm. Thurs, 5:30-6:30 pm. Fri, 11 am, 12 n, 5:30-11 pm. Sat, 5:30-11:30 pm. Eastern.

WWAD, Philadelphia, Pa. 249.9m-1200kc. 250 watts. Wright & Wright, Inc. Announcer, H. W. Feyhl. Slogan, "Penn City Station." Mon, 7:45 pm. Thurs, 7 pm. Every other Sun, 9:30 pm. Eastern.

WWAE, Plainfield, III. 241.8m-1240kc. 5,000 watts. Sun, 10:50-12:15 pm. Methodist church; 3:30-4:30, popular program. Central daylight.

WWAO, Houghton, Mich. 263m-1140kc. 250 watts. Michligan College of Mines.

WWAO, Houghton, Mich. 263m-1140kc. 250 watts.
Michigan College of Mines. WWI, Dearborn, Mich. 265.3m-1130kc. 500 watts. Ford Motor Co. Temporarily off the air.

Motor Co. Temporarily off the air.

WWJ, Detroit, Mich. 352.7m-850kc. 1,000 watts. The Detroit News. Announcer. E. L. Tyson. Mon. Wed, Fr1, 7:30-8 am, 8-8:30 am, setting-up exercises; 9:30-9:45, household hints; 10:25-10:30, weather; 11:55-12; time; 12:05-12:45 pm, music; 3-3:55, music; 8:55, markets. Daily ex Sat, Sun, 6-7, dinner concert; 8, music. Mon, Wed, Fr1, 9 pm, orchestra. Wed, 10 pm, orchestra. Sun, 11 am, church service; 2-3 pm, concert; 6:20, Capitol theater; 8:15, operatic stars. Eastern.

WWL, New Orleans, La. 275.1m-1090kc, 100 watts, Loyola Univ. Announcer, O. L. Abell. Sat, 7:30-8:30 pm. Central.

#### Canada

Canada

CFAC, Calgary, Alta. Can. 434.5m-690kc. 500 watts.
Calgary Herald. Announcer, Fred Carleton. Daily
ex Sun. 1 pm. news, markets, music; 1:15. Mon. 9-10
pm. Wed, 4 pm. Thurs, 7 pm; 9-11, CNR. Fri, 7-8
pm. Sat. 1 pm. Mountain.
CFCA, Toronto, Ont. Can. 356.9m-840kc. 500 watts.
Toronto Star. Announcer, E. J. Bowers. Daily ex
Sun. 12 noon, weather, news, stocks; 5:30-6:10 pm. news.
Wed, 8-10 pm. music, 11, dance. Thurs, 8-12, concert.
Fri, 6:30-12 mid, CNRT. Sun, 11 am, 7 pm, church
services. Eastern.
CFCF, Montreal, P. Q., Can. 410.7m-730kc. 1.650
watts. Canadian Marconi Co. Announcer, C. Walter
Dariling. Daily ex Sun, 12:45-1:40 pm, stocks, music,
Mon, Fri, 7-7:30 pm, bedtime stories; 7:30-8:30,
music; 9-10, 10:30-11:30, orchestra. Wed, 7-8 pm,
orchestra. Eastern.
CFCH, Iroquois Falls, Ont., Can. 499.7m-600kc. 250
watts. Abitibi Power & Paper Co., Ltd. Slogan,
"The Call of the North." Experimental station for
forest protection.
CFCK, Edmonton, Alta, Can. 516.9m-580kc. 100 watts.
Radio Supply Co., Ltd. Daily ex Sun, 4-5 pm. Wed,
9-10:30 pm. Sun, 4-5:30 pm. Mountain.
CFCN, Calgary, Alta., Can. 434.5m-690kc. 1,800 watts.
Tues, 11:30 pm, Pronco Busters; Wed, 9 pm, Fri,
Sat, 10 pm, Sun, (alternate) 11 am, 7:30 pm, service.
Mountain.
CFCQ, Vancouver, B. C. 410.7m-730kc. 10 watts.
The Deaville Station. Slogan, "The Mecca of Tourists." Wed, Fri, 8-9:30 pm. Every second Thurs,
10:30 pm, 12 mid. Night Birds, Sat, 10-11 pm.
Sun, 11 am, 3 pm, 7:30. 9:30, organ. Pacific.
CFCU, Hamilton, Ont., Can. 340.7m-880kc. 500 watts.

10:30 pm, 12 mid. Night Birds, Sat, 10-11 pm. Sun, 11 am, 3 pm, 7:30. 9:30, organ. Pacific.

GFCU, Hamilton, Ont., Can. 340.7m-880kc. 500 watts. Jack V. Elilid, Ltd. CFCY, Charlottetown, P. E. I. 312.3m-960kc. 50 watts. Island Radio Co. CFDC, Vancouver, B. C., Can. 410.7m-730kc. 10 watts. Western Auto Elec. Co. CFKC, Thorold, Ont., Can. 247.8m-1210kc. 75 watts. D. J. Fendell. Daily ex Sun, 12-12:30 pm; 5-6. Tues, Thurs, Sat, 8:30-10:30 pm. Sun, 11 am, church service; 2-4 pm, 8 pm, sacred concert, music. CFMC, Kingston, Ont., Can. 267.7m-1120kc. 20 watts. Monarch Battery Co. CFQC, Saskatoon, Sask., Can. 329.5m-910kc. 500 watts. The Electric Shop, Ltd. Announcer, Grant Sterenson. Slogan, "The Hub City of the West Where No. 1 Northern Hard Wheat Grows." Daily ex Sun, 3-10 am; 1:15-2 pm, markets, reports, music. Wed, 3-10 am; 1:15-2 pm, markets, reports, music. Wed, 3-10 pm. Fri, 9-11:30 pm, dance program. Sun, 11 am, 7 pm, church service. Monutain. CFRC, Kingston, Ont., Can. 267.7m-1120kc. 500 watts. Westminster Trust Co. and Hume & Rumble. CFXC, New Westminster Trust Co. and Hume & Rumble. Ltd. Announcer, C. P. Rumble. Slogan, "Yoice of the Fraser River." Mon, Wed, Sat, 7:30-8:30 pm. Predfic.
CFCY, Barnaby, B. C. 410.7m-730kc. 500 watts. Comencial Radio. Ltd. Slogan, "Can" over18ht.

Pacific.
CFCY, Barnaby, B. C. 410.7m-730kc. 500 watts. Commercial Radio, Ltd. Slogan, "Can "ourish"
Young City." Sun, 11 am, 7 pm. Ata

CHCS, Hamilton, Ont., Can. 340.7m-? Hamilton Spectator. Announcer, H. ex Sun, 6:45 pm, news, markets, b midnight, dance. Sun, 11 am, 7 (The above listings commits states and part consists of a committee of the consists of a committee of the co

# EROSLEY



On June 8 and 9, the Fourth Annual Convention of the Crosley Distributors was held in Cincinnati.

Powel Crosley, Jr., announced the most startling line of radio receiving sets in the history of the industry.

Every radio dealer is urged to get the story from his nearest Crosley distributor immediately.

# RADIO

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