

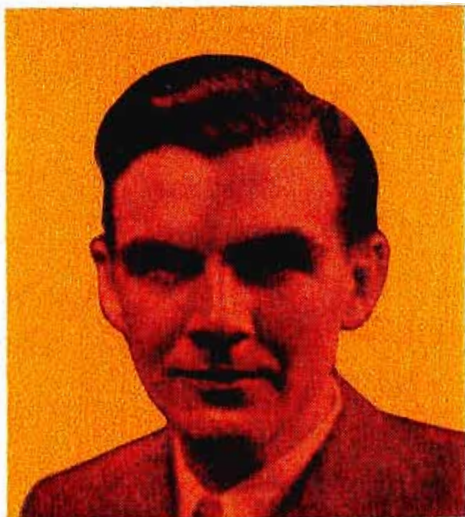
• RCA RADIOTRON •
RADIO LOG



LOOK INSIDE THE RADIO CABINET BEFORE YOU BUY

WHEN you buy one of the fine new radio sets now being offered, be sure that you look at the tubes before you purchase it. Make sure that the set you buy is equipped with RCA Radiotrons.

For years leading set manufacturers have recommended that you use RCA Radiotrons in order that you may get out of your set everything they have built into it. Don't gamble with your radio enjoyment. Make certain that your new set is delivered equipped with RCA Radiotrons—the standard tubes of the industry.



JACK FOSTER

The RCA RADIOTRON Radio Log

*With Biographical Sketches by Jack Foster,
Radio Editor, New York World-Telegram*

IT HAS been the aim of the publishers of this Radio Log to give you information which will enable you to better enjoy the marvels of radio.

In addition to a complete cross indexed listing of all broadcasting stations on the North American Continent, as well as the principal short-wave stations of the world, this Radio Log has many other features, not the least of which are the biographical sketches of the leading radio artists.

These authentic sketches are by Jack Foster, Radio Editor of the New York World-Telegram. Few writers know as intimately as does Jack Foster the lives of those we hear each night on the air. These sketches will enable you to know your favorite artists.

The RCA Radiotron Radio Log

United States Broadcasting Stations

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WAAF	Chicago, Ill.	500	920		550 KC
WAAM	Newark, N. J. Divides time with WGCP-WODA	2000	1250		KFDY KFUO
WAAT	Jersey City, N. J.	300	940		KFYR
WAAW	Omaha, Nebr.	500	660		KOAC
WABC } WBOQ }	New York City	5000	860		KSD WGR WKRC
WABI	Bangor, Me.	100	1200		
WABO } WHEC }	(See WHEC-WABO)				560 KC
WABZ	New Orleans, La. Divides time with WJBW	100	1200		KFDM KLZ
WACO	Waco, Tex. Divides time with KTAT	1000	1240		KTAB WFI
WADC	Tallmadge, Ohio.	1000	1320		WIBO
WAIU	Columbus, Ohio.	500	640		WLIT
WALR	Zanesville, Ohio	100	1210		WNOX
WAPI	Birmingham, Ala. Divides time with KVOO	5000	1140		WPCC WQAM
WASH	Grand Rapids, Mich. Divides time with WOOD	500	1270		570 KC
WBAA	W. Lafayette, Ind. Divides time with WCMA- WKBF	1000	1400		KGKO KMTR KXA
WBAK	Harrisburg, Pa. Divides time with WHP-WCAH	1000	1430		WEAO WKBN
WBAL	Baltimore, Md. Divides time with WTIC	10000	1060		WMAC WMCA

RCA Radiotrons—the preference of radio experts

Studio Slang—A Colorful New Language

The early pioneer days in radio broadcasting created many new expressions, some vagrant, some unpopular. Many of them were short lived. But there are many slang words and phrases now recognized, widely used and readily understood by production men, announcers, and studio engineers.

Here is an interesting list of some of the words, each with its singular meaning:

"Adenoid tenor:" one with a "tight" voice.

"Announcer's delight:" sarcastically applied to the announcer's control box in the studio, a complex instrument with rows of lights.

"Birdie:" the tweet-tweet sound occasionally encountered on long-distance transmission lines.

"Blasty:" the blasting sound, too much volume.

"Bug juice:" a term describing carbon tetrachloride.

"Bugs:" trouble in equipment caused by something not immediately obvious.

"Cans:" headphones.

"Corn fed:" when the performance of either a singer or instrumentalist lacks culture.

"Cross-fire:" Morse telegraph codes picked up by program lines.

"Cross-talk:" conversation picked up from a foreign source.

"Cross-tone:" foreign tones picked up.

"Down in the mud:" a very low reproduction volume.

"Electrical transcription:" broadcasting a program recorded on a record.

"Fade in" or "fade out:" gradual reduction or increase in volume, respectively.

"Fighting the music:" lacking ease in singing.

"Fill in:" those who standby to go on the air in case a program change must be made.

"Final shot:" the last test of a program originating outside the main studio.

"Fuzzy:" a voice lacking in clarity.

"Gelatine tenor:" one with vibrato or tremolo in his voice.

"Haywire:" relates to equipment in poor condition.

"Hold it down:" an order directed to studio engineer to reduce the volume.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WBAP	Fort Worth, Tex. Divides time with WFAA	50000	800		570 KC (Cont'd)
WBAX	Wilkes-Barre, Pa. Divides time with WJBU	100	1210		WNAX WNYC WSYR WWNC
WBBC	Brooklyn, N. Y. Divides time with WCGU- WLTH-WFOX	500	1400		
WBBL	Richmond, Va.	100	1210		
WBBM } WJBT }	Chicago, Ill. Divides time with KFAB	25000	770		580 KC KGFY KSAC
WBBR	Brooklyn, N. Y. Divides time with WHAZ- WHAP-WEVD	1000	1300		WIBW WOBW WSAZ WTAG
WBBZ	Ponca City, Okla.	100	1200		
WBCM	Bay City, Mich.	500	1410		
WBEN	Buffalo, N. Y.	1000	900		
WBGF	Glens Falls, N. Y.	50	1370		590 KC
WBIG	Greensboro, N. C.	500	1440		KHQ WCAJ WEEI WKZO WOW
WBIS } WNAC }	(See WNAC-WBIS)				
WBMS	Hackensack, N. J. Divides time with WNJ- WKBO-WHOM	250	1450		
WBNX	New York City Divides time with WAWZ- WMSG-WCDA	250	1350		600 KC KFSD WCAC WCAO WGBS WMT WOAN WREC
WBOQ } WABC }	(See WABC-WBOQ)				
WBOW	Terre Haute, Ind.	100	1310		
WBRC	Birmingham, Ala.	1000	930		
WBRE	Wilkes-Barre, Pa.	100	1310		
WBSO	Needham, Mass.	500	920		
WBT	Charlotte, N. C.	5000	1080		
WBTM	Danville, Va. Divides time with WLVA	100	1370		610 KC
WBZ	Springfield, Mass. Divides time with WBZA	15000	990		KFRC WDAF

*When experts agree on RCA Radiotrons—why
take chances?*

Studio Slang—A Colorful New Language

(Continued)

"Hot switch:" a rapid program transfer from one point of origin to another.

"Killie loo bird:" a flighty coloratura soprano who sings with a florid style.

"Line hits:" when overhead transmission wires contact accidentally, usually during storms.

"Lock jaw:" the voice of one who sings as if tired.

"Nemo:" programs originating outside of studio.

"Nervous baritone:" one who over-emphasizes the dramatic effect.

"Old sexton:" a bass with a sepulchral voice.

"On the beach:" out of a job, unemployed.

"On the log:" an entry in the studio record, complimentary or otherwise.

"On the nose:" a radio program executed according to schedule.

"On the pipe:" answer the telephone.

"Peaks" or "kicks:" the maximum point of the needle swing on a volume indicator.

"Riding gain:" keeping program volume within practicable limits.

"Scratches:" a noise caused by faulty equipment.

"Scoop:" A singer, usually a contralto, who slides up and down the scale without distinguishing clearly between notes.

"Short voice:" one with a limited range.

"Standby:" a warning to get ready to take the air.

"Standbys:" alternatives for programs on the air.

"Sout" or "blue:" voice or instrument off pitch.

"Talking in his beard:" a muffled voice.

"The King:" the engineer on duty at the master control desk who supervises all operations.

"Thick:" when the individual instruments in a group selection are not distinguishable.

"Throne:" master control desk.

"Town crier:" one who sings too loud.

"Up three miles:" indicates very high amount of units or volume of reproduction.

"Wooden voice:" lacks clarity and expression.

"Woof:" a word used frequently in making tests, but having no meaning.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycles Index
WBZA	Boston, Mass. Divides time with WBZ	500	990		610 KC (Cont)
WCAC	Storrs, Conn. Divides time with WGBS	250	600		WFAN WIP WJAY
WCAD	Canton, N. Y.	500	1220		
WCAE	Pittsburgh, Pa.	1000	1220		
WCAH	Columbus, Ohio. Divides time with WHP-WBAK	500	1430		620 KC KGW KTAR WFLA WLBZ WSUN WTMJ
WCAJ	Lincoln, Nebr. Divides time with WOW	500	590		
WCAL	Northfield, Minn. Divides time with KFMX- WRHM-WLB	1000	1250		
WCAM	Camden, N. J. Divides time with WOAX-WCAP	500	1280		
WCAO	Baltimore, Md.	250	600		630 KC KFRU WGBF WMAL WOS
WCAP	Asbury Park, N. J. Divides time with WCAM-WOAX	500	1280		
WCAT	Rapid City, S. D.	100	1200		
WCAU	Philadelphia, Pa.	10000	1170		
WCAX	Burlington, Vt. Divides time with WNBX	100	1200		640 KC KFI WAIU WOI
WCAZ	Carthage, Ill.	50	1070		
WCBA	Allentown, Pa. Divides time with WSAN	250	1440		
WCBD	Zion, Ill. Divides time with WMBI	5000	1080		650 KC KPCB WSM
WCBM	Baltimore, Md.	250	1370		
WCBS	Springfield, Ill. Divides time with WTAX	100	1210		660 KC WAAW WEAF
WCCO	Minneapolis, Minn.	7500	810		
WCDA	New York City Divides time with WBNX- WMSG-WAWZ	250	1350		
WCFL	Chicago, Ill.	1500	970		670 KC WMAQ

*Progress in the radio art is measured by the
development of RCA Radiotrons*

PHIL COOK

OPEN your booklet at this page and read this portrait the next time you're listening to the Quaker Crackels Man:



Phil was born in Coldwater, Mich., thirty-one years ago. So, of course, he came to New York. He twists a nifty blond mustache and peers at you through round blue eyes. He's known as the "Lon Chaney of the Air" because of his repertoire of roles. He says it's hardest to impersonate an Irishman and easiest to impersonate an old man. He learned how to impersonate an Italian by talking to a bootblack.

It's really quite by chance that Phil now is one of the air's highest paid wits. Three years ago, after a number of discouragements, he had about decided to give up broadcasting. But, on second thought, he chose to stick at it a little longer and a lucky break brought him several Fleischmann contracts, and later, the Aunt Jemima Pancake and Crackels accounts.

He's married and has a daughter, Phyllis, a little over a year old. He met Flo Helmar in the eighth grade in East Orange, N. J., where he had been brought as a lad to live, and when she was 21 and he 23, they were married. Their home is in Avon, N. J., and it's his greatest sorrow that his work is so exacting he seldom has a chance to go home except on week-ends.

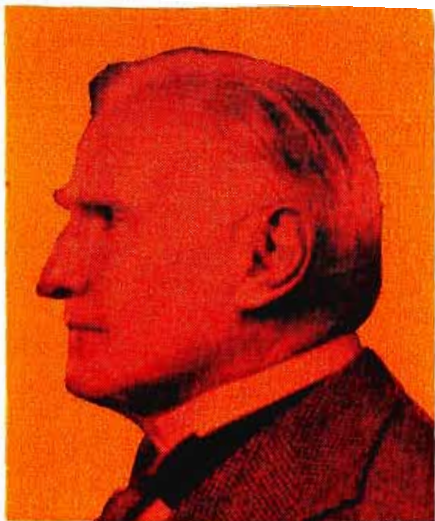
Seldom does he take fewer than six characters during a broadcast. He apologizes for all his jokes, but the listeners write to rave about how consistently amusing he is. He hopes one day to be financially able to retire and devote all his time to his hobby—painting magazine covers.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycle Index
WCGU	Brooklyn, N. Y. Divides time with WLTH-WBBC- WFOX	500	1400		680 KC KFEQ KPO WPTF
WCHI	Chicago, Ill. Divides time with WJAZ-WCKY	5000	1400		
WCKY	Covington, Ky. Divides time with WCHI-WJAZ	5000	1490		700 KC WLW
WCLB	Brooklyn, N. Y. Divides time with WWRL- WLBX-WMBQ	100	1500		710 KC KMPC WOR
WCLO	Janesville, Wis.	100	1200		
WCLS	Joliet, Ill. Divides time with WKBB	100	1310		
WCMA	Culver, Ind. Divides time with WBAA-WKBF	500	1400		720 KC WGN WLIB
WCOA	Pensacola, Fla.	500	1340		
WCOC	Meridian, Miss.	1000	880		740 KC
WCOD	Harrisburg, Pa. Divides time with WKJC	100	1200		KMMJ WSB
WCOH	Yonkers, N. Y. Divides time with WJBI-WGBB- WMRJ	100	1210		750 KC WJR
WCRW	Chicago, Ill. Divides time with WSBC-WEDC	100	1210		
WCSC	Charleston, S. C.	500	1360		760 KC
WCSH	Portland, Me.	1000	940		KVI WEW WJZ
WDAE	Tampa, Fla.	1000	1220		
WDAF	Kansas City, Mo.	1000	610		
WDAG	Amarillo, Tex. Divides time with KGRS	250	1410		770 KC KFAB WBBM WJBT
WDAH	El Paso, Tex. Divides time with KTSM	100	1310		
WDAY	Fargo, N. Dak.	1000	940		780 KC
WDBJ	Roanoke, Va.	500	930		KELW
WDBO	Orlando, Fla.	1000	1120		KTM

Every RCA Radiotron is thoroughly tested before it is enclosed in the Red and Black carton

WALTER DAMROSCH



IT is probable that no single voice in America is better known to children than that of Walter Damrosch. During the two years Dr. Damrosch has been conducting the Friday morning musical programs for schools, he has chatted intimately, paternally, always tenderly, to millions of young listeners—telling them of Wagner and Beethoven and Brahms—and has won the affection of their eager hearts.

On a high stool he sits—white-haired, keen-eyed, still active—speaking into a microphone at his left. He faces the orchestra, lifts his baton, a violinist opens his musical score and the symphony begins. They've built a brass rail around his stool because, they say, one time Dr. Damrosch slipped off.

He has been associated with New York musical life for so many years, that the impression has arisen that he is a native of Manhattan. The fact is, however, Damrosch was born in Breslau, Germany, coming to America in 1870 at the age of nine. Even at that age, he had studied Latin and Greek, so his task of learning English was an easy one. Strange, that at first he should study painting—in the Cooper Union high school. But meanwhile his dreams of becoming a great musician also developed, and he studied principally under his father, Leopold Damrosch.

His father died when he was 23 and he took over the work of conducting the New York Symphony Orchestra. He held this directing post for more than forty years. He resigned four years ago to devote all his time to radio broadcasting. Now he is a conductor of the General Electric Orchestra, besides being mentor of the nation's children.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WDEL	Wilmington, Del.	350	1120		780 KC (Cont'd)
WDGY	Minneapolis, Minn. Divides time with WHDI	1000	1180		WEAN WJSJ WMC WPOR WTAR
WDIX	Tupelo, Miss.	100	1500		
WDOD	Chattanooga, Tenn.	2500	1280		
WDRC	Hartford, Conn.	500	1330		
WDSU	New Orleans, La.	1000	1250		790 KC
WDWF } WLSI }	Providence, R. I. Divides time with WPAW	100	1210		KGO WGY
WDZ	Tuscola, Ill.	100	1070		800 KC
WEAF	New York City	50000	660		WBAP WFAA
WEAI	Ithaca, N. Y.	1000	1270		
WEAN	Providence, R. I.	500	780		810 KC
WEAO	Columbus, Ohio. Divides time with WKBN	750	570		WCCO WPCH
WEBC	Superior, Wis.	2500	1290		
WEBQ	Harrisburg, Ill. Divides time with KFVS	100	1210		820 KC WHAS
WEBR	Buffalo, N. Y.	200	1310		
WEDC	Chicago, Ill. Divides time with WCRW-WSBC	100	1210		830 KC KOA WHDH WRUF
WEDH	Erie, Pa.	100	1420		
WEEI	Boston, Mass.	1000	590		
WEHC	Emory, Va.	250	1200		850 KC
WEHS	Evanston, Ill. Divides time with WKBI-WHFC	100	1420		KWKH WWL
WELK	Philadelphia, Pa.	250	1370		
WELL	Battle Creek, Mich.	50	1420		860 KC
WENR } WBCN }	Chicago, Ill. Divides time with WLS	50000	870		KMO WABC WBOQ WHB

RCA Radiotrons—the hallmark of a good radio set

MORTON DOWNEY



OF ALL the radio singers who have risen to popularity within the last few months, Morton Downey has carved one of the most distinctive niches for himself. With a high, sweet Irish voice and a carefree manner of tapping the piano keys, Morton has hypnotized those tuners who like romance with their listening.

Perhaps it's all because he's so madly in love. He's married to the dainty dancer, Barbara Bennett—Richard's daughter and Connie's sister—and still is sure she's the fairest creature in the world. Perhaps it's because he realizes how lucky a lad is Morton.

For a kind of crazy existence he has led. His parents lived in Brooklyn, but twenty-nine years ago Mrs. Downey was visiting in Wallingford, Conn., and there he was born. He's sold phonographs, peddled insurance, worked on a railroad as monitor of a donkey engine, and as a news butcher on trains. In 1923, chance and not much else led him up the gangplank to the *Leviathan* for her trial voyage as a United States liner and, when he sang, a gathering of newspaper men and millionaires applauded. Among these was Albert D. Lasker, then chairman of the Shipping Board, who aided the round-faced kid of twenty-two.

At the height of Whiteman's popularity, Downey appeared as a soloist and subsequently starred in many night clubs, including the Cafe de Paris in London, the Club Casanova in Berlin, and now he is master of ceremonies in his own New York club, the Delmonico, and is featured on the Paramount-Publix Program.

Morton doesn't drink, very seldom smokes, but is very fond of ice cream. This passion for sweets is tragic, for a double chin'll get him if he doesn't watch out.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WEPS } WORC }	(See WORC-WEPS)				870 KC
WEVD	New York City..... Divides time with WBBR- WHAP-WHAZ	500	1300		WBCN WENR WLS
WEW	St. Louis, Mo.....	1000	760		
WEXL	Royal Oak, Mich.	50	1310		
WFAA	Dallas, Tex..... Divides time with WBAP	50,000	800		
WFAN	Philadelphia, Pa..... Divides time with WIP	500	610		880 KC
WFBC	Knoxville, Tenn.....	50	1200		KFKA
WFBE	Cincinnati, O.....	250	1200		KLX
WFBG	Altoona, Pa..... Divides time with WJAC	100	1310		KPOF WCOC
WFBL	Syracuse, N. Y.....	1000	1360		WGBI
WFBM	Indianapolis, Ind..... Divides time with WSBT	1000	1230		WQAN WSUI
WFBR	Baltimore, Md.....	500	1270		
WFDF	Flint, Mich.....	100	1310		
WFDV	Rome, Ga.....	100	1370		
WFDW	Talladega, Ala.....	100	1420		
WFI	Philadelphia, Pa..... Divides time with WLIT	500	560		890 KC
WFIW	Hopkinsville, Ky.....	1000	940		KFNF KUSD
WFLA } WSUN }	Clearwater, Fla.....	2500	620		KGJF WGST
WFOX	Brooklyn, N. Y..... Divides time with WCGU-WLTH- WBBC	500	1400		WILL WJAR WMAZ WMMN
WGAL	Lancaster, Pa..... Divides time with WRAW	100	1310		
WGAR	Cleveland, O.....	500	1450		
WGBB	Freeport, N. Y..... Divides time with WJBI- WCOH-WMRJ	100	1210		
WGBC	Memphis, Tenn..... Divides time with WNBR	500	1430		900 KC
WGBF	Evansville, Ind..... Divides time with WOS-KFRU	500	630		KHJ KSEI
WGBI	Scranton, Pa..... Divides time with WQAN	250	880		WBEN WJAX

RCA Radiotrons—standard for every use

JESSICA DRAGONETTE



THE funny part of it is, Jessica Dragonette is her real name. Five years she has sung in radio—as the Coca Cola Girl, the Philco Prima Donna, and now the Cities Service Star—yet she's still in her early 20's. She refuses with a pert nod of her head to say exactly how old she is, but you can wager she can't claim twenty-five years.

Her hair is golden, her eyes are hazel, and she smiles with the wistfulness of a fragile doll. She is one of the very few women stars whom broadcasting has created.

In Calcutta, India, she was born, and this perhaps accounts for her deep faith in mysticism, her uncanny ability to tell your fortune with cards. She was educated in a convent near New York, and her biggest thrill came once on her birthday when she was taken to Broadway to witness a play. Back home again, she re-acted every scene for her playmates.

Having been graduated from the convent, she came to New York, and this time looked to the stage as a means of expressing her own self. She performed the only solo part in Morris Gest's spectacle, "The Miracle," and later played in "The Grand Street Follies." In "The Student Prince," she sang the leading role of Kathie. Now she claims she'll never leave radio for either the stage or the movies.

She reads and answers every fan letter she receives, and explains: "People, you see, really are romantic." She earns one of the largest incomes in radio, yet she still lives in a modest one room apartment. She wears "misses" size dresses and writes poetry which she hides under the carpet or behind a picture just so it won't be published in biographies like this.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WGBS	New York City Divides time with WCAC	500	600		900 KC (Cont'd)
WGCM	Gulfport, Miss.	100	1210		WKY
WGCP	Newark, N. J. Divides time with WODA-WAAM	250	1250		WLBL
WGES	Chicago, Ill. Sunday Divides time with WJKS	500 1000	1360		920 KC
WGH	Newport News, Va.	100	1310		KFEL
WGL	Ft. Wayne, Ind.	100	1370		KFXF
WGMS } WLB }	(See WLB-WGMS)				KOMO
WGN } WLIB }	Chicago, Ill.	25000	720		KPRC
WGR	Buffalo, N. Y.	1000	550		WAAF
WGST	Atlanta, Ga. Divides time with WMAZ	500	890		WBSO
WGY	Schenectady, N. Y.	50000	790		WWJ
WHA	Madison, Wis.	750	940		
WHAD	Milwaukee, Wis. Divides time with WISN	250	1120		
WHAM	Rochester, N. Y.	5000	1150		
WHAP	New York City Divides time with WBBR- WEVD-WHAZ	1000	1300		
WHAS	Louisville, Ky.	10000	820		
WHAT	Philadelphia, Pa. Divides time with WTEL	100	1310		940 KC
WHAZ	Troy, N. Y. Divides time with WBBR- WHAP-WEVD	500	1300		KOIN
WHB	Kansas City, Mo.	500	860		WAAT
WHBC	Canton, Ohio Divides time with WNBO Sundays	10	1200		WCSH
WHBD	Mt. Orab, Ohio	100	1370		WDAY
WHBF	Rock Island, Ill.	100	1210		WFIW
WHBL	Sheboygan, Wis. Divides time with KFLV	500	1410		WHA
					950 KC
					KFWB

A radio set can be no better than its vacuum tubes—
Use RCA Radiotrons



BILLY JONES AND ERNIE HARE

WHEN Billy Jones celebrates his birthday, so does Ernie Hare. For these Happiness Boys—or maybe you'd prefer their current title, the Interwoven Pair—both were born on March 15. Ernie, 1883; Billy, 1889.

Hare was educated in the Xavierian Brothers School in Norfolk, Va., where he was born. He sold baking powder, pianos, and finally obtained a church job in Baltimore. But Hare soon learned that popular music is more remunerative than classical music, and in 1905 he came to Broadway, subsequently singing in ten Winter Garden productions.

Jones, born in New York, became a bank clerk as a youth, but soon decided that a business life was no existence for him. And for some inexplicable reason, except that he is of Welsh descent, he sailed to Towyn, Meronithshire, North Wales, to become a sheep herder. Returning to the United States, he successively worked as a miner, a pole hiker with the telephone company, and a fireman on a locomotive. Meanwhile, Lew Fields had been impressed by the natural beauty of his voice, and introduced him to the stage. One afternoon he met Hare, knew intuitively that here was his partner, and together they planned an act which has kept them in the spotlight for nigh on fifteen years.

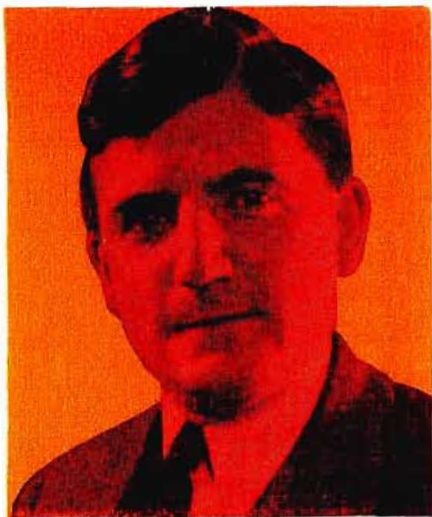
Like so many other radio figures, they made their air debut at the old Westinghouse station WJZ in Newark, N. J.—1921.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WHBQ	Memphis, Tenn.	100	1370		950 KC (Cont'd)
WHBU	Anderson, Ind.	100	1210		KGHL
WHBY	Green Bay, Wis.	100	1200		KMBC
WHDF	Calumet, Mich.	250	1370		WRC
WHDH	Boston, Mass.	1000	830		970 KC
WHDJ	Minneapolis, Minn. Divides time with WDGJ	500	1180		KJR WCFL
WHDL	Tupper Lake, N. Y.	10	1420		
WHEC } WABO }	Rochester, N. Y. Divides time with WOKO	500	1440		980 KC KDKA
WHFC	Cicero, Ill. Divides time with WKBI-WEHS	100	1420		990 KC
WHIS	Bluefield, W. Va.	100	1420		WBZ WBZA
WHK	Cleveland, Ohio	1000	1390		
WHN	New York City Divides time with WRNY- WQAO-WPAP	250	1010		1000 KC KFVD WHO WOC
WHO	Des Moines, Iowa Divides time with WOC	5000	1000		
WHOM	Jersey City, N. J. Divides time with WBMS- WNJ-WKBO	250	1450		1010 KC KGGF KQW WHN WIS WNAD WPAP WQAO WRNY
WHP	Harrisburg, Pa. Divides time with WBAK- WCAH	1000	1430		
WIAS	Ottumwa, Iowa	100	1420		
WIBA	Madison, Wis.	500	1280		
WIBG	Elkins Park, Pa.	50	930		
WIBM	Jackson, Mich. Divides time with WJBK	100	1370		1020 KC
WIBO	Chicago, Ill. Divides time with WPCC- WISJ	1500	560		KFKX KYW WRAX
WIBR	Steubenville, Ohio $\frac{1}{2}$ time	50	1420		1040 KC
WIBU	Poyette, Wis.	100	1210		KRLD

Change your tubes once a year—Use RCA Radiotrons

JOHN B. KENNEDY



JOHN B. KENNEDY is the James M. Whistler of radio. He builds 'most every sentence of his Sunday night Collier's talks into an epigram, sometimes barbing it with satire, always edging it with wit. He observes, for instance: "There are two kinds of actors—hams and egos. The egos think they're good. The hams know they're good."

Let's suppose we're chatting with him in the red lacquer Japanese lounge of the NBC Times Square Studio after Collier's has signed off. Professor Lucifer G. Butts has rolled up his night shirt costume, the Love Story Girl has gone out into a world of reality, and Uncle Henry and Mr. Editor are picking up the pages of their script. John Kennedy runs the fingers of his left hand through his inky hair, his black eyes piercing you, his prominent nose aimed like a spear. And he begins to talk:

"Born in Quebec, Canada, January 16, 1894, studied in St. Louis University; fired from the St. Louis Post-Dispatch in 1912. This began a series of firings which included the Chicago Journal and New York Evening World. Faced the microphone first at WBZ in Springfield, Mass., on July 29, 1924, and forgot every line. That's why I insist that every Collier's speaker have his speech written out."

When John Kennedy came to Collier's as associate editor in 1924, the job of preparing a radio program was wished on him, and he's been rattling out those epigrams ever since. He has a rich memory, and in this red lacquer room he tells about the time he "ran copy" for William Jennings Bryan during a political convention. Bryan wandered into a room occupied by newspapermen, threw himself on the bed and commented on "the crusade against liquor being a hard task."

"He didn't know that the pillow, on which his head rested, covered a quart of champagne someone had given me," Kennedy chuckled.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WIBW	Topeka, Kans. Divides time with KSAC	1000	580		1040 KC (Cont'd)
WIBX	Utica, N. Y.	300	1200		KTHS
WICC	Bridgeport, Conn.	500	1190		WKAR
WIL	St. Louis, Mo. Divides time with KFWF	250	1200		WMAK
WILL	Urbana, Ill. Divides time with KFNF-KUSD	500	890		1050 KC KFKB
WILM	Wilmington, Del.	100	1420		KNX
WIOD } WMBF }	Miami, Fla.	1000	1300		1060 KC
WIP	Philadelphia, Pa. Divides time with WFAN	500	610		KWJJ
WIS	Columbia, S. C.	1000	1010		WBAL
WISJ	South Madison, Wis.	500	780		WJAG
WISN	Milwaukee, Wis. Divides time with WHAD	250	1120		WTIC
WJAC	Johnstown, Pa. Divides time with WFBG	100	1310		1070 KC KJBS
WJAG	Norfolk, Nebr.	1000	1060		WCAZ
WJAK	Marion, Ind. Divides time with WLBC	50	1310		WDZ
WJAR	Providence, R. I.	400	890		WTAM
WJAS	Pittsburgh, Pa.	2500	1290		1080 KC WBT
WJAX	Jacksonville, Fla.	1000	900		WCBD
WJAY	Cleveland, Ohio.	500	610		WMBI
WJAZ	Mt. Prospect, Ill. Divides time with WCKY- WCHI	5000	1490		1090 KC KMOX
WJBC	La Salle, Ill. Divides time with WJBL	100	1200		1100 KC
WJBI	Red Bank, N. J. Divides time with WGBB- WCOH-WMRJ	100	1210		KGDM
WJBK	Highland Park, Mich. Divides time with WIBM	50	1370		WLWL
WJBL	Decatur, Ill. Divides time with WJBC	100	1200		WPG
					1110 KC KSOO
					WRVA

RCA Radiotrons are your best insurance against
tube troubles

WELCOME LEWIS



WELCOME LEWIS, the Radiotron songbird, is so tiny that she has to stand on a platform to reach the microphone. She sings the "blues" type of music and blue, no doubt, is the color she prefers in dress. She's a sunny person and when she smiles, as she's sure to do on being introduced, she displays rows of pretty, gleaming, white teeth.

Miss Lewis, the youngest of eight children, was born in Los Angeles, twenty-five years ago. Someone remarked to her mother that a large family must be troublesome. She said she didn't mind it, and when Miss Lewis was born, proved it by naming her Welcome.

Because of the deep quality of her voice, she's frequently referred to as the "female baritone." "Mean songs"—songs with intense feeling and warm emotion—she prefers, believing that there's more evidence of humanity in this type than there is in all operatic literature.

As is true with so many other radio stars, Miss Lewis came to radio quite by accident. It was a phonograph record that really led the way to her present featured position. At a party, the host, an official of the National Broadcasting Co., played one of Miss Lewis' records.

"She would make a wonderful radio singer," the radio official said.

Miss Lewis had just completed a vaudeville trip that had taken her across the country. She was invited to visit the NBC studios, where she immediately signed an exclusive contract.

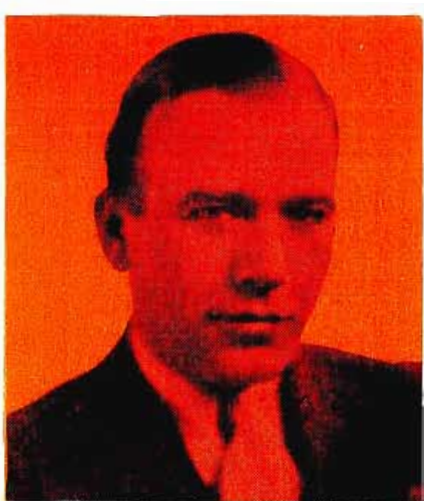
Miss Lewis is one of the few definite women personalities whom radio has created. When she faces a microphone, there's no doubt that it's Welcome Lewis you're hearing.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WJBO	New Orleans, La.....	100	1420		1120 KC
WJBT WBBM }	(See WBBM-WJBT)				KFIO KFSG KMCS KRSC KTRH WDBO WDEL WHAD WISN WTAW
WJBU	Lewisburg, Pa..... Divides time with WBAX	100	1210		
WJBW	New Orleans, La..... Divides time with WABZ	30	1200		
WJBY	Gadsden, Ala.....	50	1210		
WJDX	Jackson, Miss.....	1000	1270		
WJJD	Mooseheart, Ill.....	20000	1130		
WJKS	Gary, Ind..... Divides time with WGES	1250	1360		1130 KC
WJR	Detroit, Mich.....	5000	750		KSL
WJSV	Alexandria, Va.....	10000	1460		WJJD WOV
WJW	Mansfield, Ohio.....	100	1210		
WJZ	New York City.....	30000	760		
WKAR	E. Lansing, Mich.....	1000	1040		1140 KC
WKAU	Laconia, N. H.....	100	1310		KVOO WAPI
WKBB	Joliet, Ill..... Divides time with WCLS	100	1310		
WKBC	Birmingham, Ala.....	100	1310		1150 KC
WKBF	Indianapolis, Ind..... Divides time with WBAA-WCMA	500	1400		WHAM
WKBH	La Crosse, Wis..... Divides time with KSO	1000	1380		1160 KC
WKBI	Chicago, Ill..... Divides time with WHFC- WEHS	100	1420		WOWO WWVA
WKBN	Youngstown, Ohio..... Divides time with WEAO	500	570		1170 KC
WKBO	Jersey City, N. J..... Divides time with WBMS- WNJ-WHOM	250	1450		KTNT WCAU
WKBS	Galesburg, Ill.....	100	1310		1180 KC KEX

Improve your radio reception with new RCA Radiotrons

LITTLE JACK LITTLE



HIS real name is John Leonard. But he is so short—five feet, four inches, in fact—that at the University of Iowa they nicknamed him Little Jack Little.

Jack is as deft a pianist as you'll find in any radio studio and as charming a singer. "The Whispering Baritone" or "The Speakeasy Baritone," they often refer to him, because of his ability to pitch a melody so delicately that it wouldn't ruffle a butterfly's wings. He's lately come from station WLW in Cincinnati where he built a reputation throughout the Middle West, and he's just hoping and praying that the East will like him, too.

The tiny lad, who never darkens his head with a hat, was born in London, England, and at the age of nine, left with his family for Waterloo, Iowa, where he grew up. At the University, already an accomplished pianist, he organized a dance band and found this so successful that he left school after two years. Barnstorming, he landed in Denver, broke, and obtained a job there in an orchestra. Earning enough money to come East, he was hired as an accompanist to Yvette Rugel, a vaudeville performer. He soon tired of this, however, and, joining with a singer, he tried his skill at plugging songs over the air. Once his partner failed to appear, and he had both to sing and play. He's done this ever since.

His eyes are blue and he wears shirts to match; his hair is light brown, and he delights in speeding cross-country in his sport roadster. Several months before he came to New York, Jack bought a large home in Cincinnati. But, with success his already, it doesn't look as if he'll see that fireplace and garden for a long time.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WKBV	Connersville, Ind.....	150	1500		1180 KC (Cont'd)
WKBW	Buffalo, N. Y.....	5000	1480		KOB
WKBZ	Ludington, Mich.....	50	1500		WDGY
WKJC	Lancaster, Pa..... Divides time with WCOD	100	1200		WHDI
WKRC	Cincinnati, Ohio.....	1000	550		
WKY	Oklahoma City, Okla.....	1000	900		1190 KC
WKZO	Berrien Springs, Mich.....	1000	590		WICC
WLAC	Nashville, Tenn.....	5000	1470		WOAI
WLAP	Louisville, Ky.....	250	1200		
WLB WGMS }	Minneapolis, Minn..... Divides time with WCAL- KFMX-WRHM	1000	1250		1200 KC
WLBC	Muncie, Ind..... Divides time with WJAK	50	1310		KBTM
WLBF	Kansas City, Kans.....	100	1420		KFJB
WLBG	Petersburg, Va.....	250	1200		KFWF
WLBL	Stevens Pt., Wis.....	2000	900		KGCU
WLBW	Oil City, Pa.....	1000	1260		KGDE
WLBX	Long Island City, N. Y..... Divides time with WCLB- WWRL-WMBQ	100	1500		KGDY
WLBZ	Bangor, Me.....	500	620		KGEK
WLCI	Ithaca, N. Y.....	50	1210		KGEW
WLEX	Lexington, Mass..... Divides time with WMAF- WSSH	500	1410		KGFJ
WLEY	Lexington, Mass..... $\frac{1}{2}$ time	250	1370		KGHI
WLIB WGN }	(See WGN-WLIB)				KGY
WLIT	Philadelphia, Pa..... Divides time with WFI	500	560		KMLB
					KSMR
					KVOS
					KWG
					WABI
					WABZ
					WBBZ
					WCAT
					WCAX
					WCLO
					WCOD
					WEHC
					WEPS

*RCA Radiotrons—the standard equipment in
sets of leading manufacturers*

GUY LOMBARDO



OUT of Chicago, in the fall of 1929, came Guy Lombardo with his ten-piece orchestra. Playing

soft, sweet, simple melody under the colored lights of the Roosevelt Hotel Grill, he soon captured Manhattan's fickle fancy. It became the smart thing for the younger generation to gather 'round Lombardo, and for those beyond the Hudson, with many a romantic sigh, to tune him in.

Lombardo is the most popular of the young orchestra leaders to gain national prominence in the last year or so. He directs a thoroughly harmonious band; and this because the very same boys who organized it, still face the microphone together. Four of the ten lads are Lombardo brothers: Guy, Carmen, Leibert, and Victor, the latter being only 20.

Eleven years ago in London, Ont., they joined together as kids in the London Collegiate Institute. It was their interest in this orchestra and their consequent disinterest in books that caused them to part prematurely from school. Traveling a vaudeville circuit, they landed one day in Cleveland, Ohio, and, though still youngsters on the under side of 20, they accepted a supper club offer. In Cleveland they played for four years, attaining an unprecedented peak of popularity through broadcasting. They moved to Chicago, and for four years spun tunes at the Granada Cafe—now Paul Whiteman's nook. It was here that they first broadcast commercially—for Wrigley and for Florsheim Shoes. Somewhat timidly they agreed to try their melodies on exacting Manhattan. But in a few months, they had signed with Robert Burns and Radio Follies, contracts which net them \$150,000 a year.

Guy is dark, olive-skinned, a boyish appearing fellow with heavy eyebrows and a sunny way of smiling.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WLOE	Boston, Mass. ½ time	250	1500		1200 KC (Cont'd)
WLS	Chicago, Ill. Divides time with WENR-WBCN	5000	870		WFBC WFBE WHBC WHBY WIBX WIL
WLSI } WDWF }	(See WDFW-WLSI)				WJBC WJBL WJBW WKJC WLAP WLBG WNBO WNBW WNBX WORC WRAF WRBL WWAE
WLTH	Brooklyn, N. Y. Divides time with WCGU- WFOX-WBBC	500	1400		
WLVA	Lynchburg, Va. Divides time with WBTM	100	1370		
WLW	Cincinnati, Ohio.	50000	700		
WLWL	New York City. Divides time with WPG	5000	1100		
WMAC } WSYR }	(See WSYR-WMAC)				
WMAF	South Dartmouth, Mass. Divides time with WLEX-WSSH	500	1410		
WMAK	Buffalo, N.Y.	1000	1040		
WMAL	Washington, D. C.	500	630		1210 KC
WMAQ	Chicago, Ill.	5000	670		KDFN KDLR KFOR KFVS KFXM KGCR KGMP KGNO KMJ KPPC KWEA WALR WBAX WBBL
WMAZ	Macon, Ga. Divides time with WGST	500	890		
WMBA	Newport, R. I.	100	1500		
WMBC	Detroit, Mich.	250	1420		
WMBD	Peoria Heights, Ill. Divides time with WTAD	1000	1440		
WMBF } WIOD }	(See WIOD-WMBF)				
WMBG	Richmond, Va. Divides time with WBBL	100	1210		

RCA Radiotrons are "the heart of your radio"

PHILLIPS LORD



QUITE by accident, Phillips Lord became radio's Seth Parker, who lives in mythical Jonesport, Me. One night he was listening-in with a friend and he happened to hear a program about country life. He didn't like the program because he felt that it burlesqued the rural folk, and, jumping in a taxi, he rushed to the radio station. Yes, of course, they'd let him present the kind of program he had in mind if he'd find the characters himself. The very next evening he led his cast into the studio, and Seth Parker's Singing School was born. So successful was it that he has become a feature. The National Broadcasting Co., sensing his growing popularity, asked Seth to come to Manhattan for a trial broadcast. This trial broadcast has lasted well over two years.

Phillips H. Lord, a graduate of Bowdoin College, still is on the golden side of 30. He started life as principal of the Plainville, Conn., high school. But he forsook this position to become a worker in a Brooklyn candy factory. Still dissatisfied, he approached a magazine publisher with a tale of the wonders he could perform as the circulation manager. True, he never had had experience in this field, but he told the editor that he knew enough not to spend \$2 when you can spend \$1, and he got the job. There, you see, he's speaking as Uncle Abe, the calculating New England character, he also creates, four nights a week.

Lord is of medium height, stockily built and deliberately vigorous. He is as sincere as sunshine in his Seth Parker program. "The purpose of these Sunday evening sings and githerings," he says, "is ter git better acquainted with the Lord, so we'll feel He's with us while we do our daily chores."

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WMBH	Joplin, Mo.....	250	1420		1210 KC (Cont'd)
WMBI	Chicago, Ill..... Divides time with WCBD	5000	1080		WCBS WCOH
WMBO	Auburn, N. Y.....	100	1310		WCRW
WMBQ	Brooklyn, N. Y..... Divides time with WCLB- WWRL-WLBX	100	1500		WDWF WEBQ WEDC
WMBR	Tampa, Fla.....	100	1370		WGBB
WMC	Memphis, Tenn.....	1000	780		WGCM
WMCA	New York City..... Divides time with WNYC	500	570		WHBF WHBU
WMMN	Fairmont, W. Va.....	500	890		WIBU
WMPC	Lapeer, Mich.....	100	1500		WJB ¹ WJB
WMRJ	Jamaica, N. Y..... Divides time with WGBB- WJBI-WCOH	100	1210		WJB WJV WLC
WMSG	New York City..... Divides time with WBNX- WCDA-WAWZ	250	1350		WLS WMI WMRJ
WMT	Waterloo, Iowa.....	500	600		WOCL
WNAC WBIS }	Boston, Mass.....	1000	1230		WOM ¹ WPAW
WNAD	Norman, Okla..... Divides time with KGGF	500	1010		WQDX WRBQ
WNAX	Yankton, S. D.....	1000	570		WSBC
WNBF	Binghamton, N. Y.....	100	1500		WSEN
WNBH	New Bedford, Mass.....	100	1310		WSIX
WNBO	Silver Haven, Pa..... Divides time with WHBC Sundays	100	1200		WSOC WTAX
WNBR	Memphis, Tenn..... Divides time with WGBC	500	1430		1220 KC KFKU
WNBW	Carbondale, Pa.....	10	1200		KWSC
WNBX	Springfield, Vt..... Divides time with WCAX	10	1200		WCAE WCAD
WNBZ	Saranac Lake, N. Y.....	50	1290		WDAE WREN

To maintain high quality performance in your radio
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VINCENT LOPEZ



A LOT of very famous dance orchestra leaders have come and gone since Vincent Lopez first attained national recognition in the Pennsylvania Grill nine years ago. But still he rides high—"the Unsinkable Lopez"—on a shimmering wave of popularity.

It is probable that Lopez has been associated with radio broadcasting more consistently and for a longer period of time than any other dance musician. In the fall of 1922 he led his band to Station WJZ, then sitting like a cracker box on the roof of the Westinghouse plant in Newark. "What shall I say?" he asked Announcer Tommy Cowan, now of Station WNYC, when he was pushed before the mike. "Why, tell them, 'Hello, everybody, Lopez speaking,'" Cowan replied. This has become his radio trademark.

Though of Spanish and Portuguese parents, Lopez was born in Brooklyn, on December 30, 1897. He studied the piano, mandolin and guitar as a lad. When he was 13, his parents sent him to St. Mary's School in Dunkirk, N. Y., to become a priest. But after three years, he decided that he was not fitted for a churchly life and he returned to Brooklyn to become a stenographer in a milk company. After fiddling around as a pianist in several small spots, he blossomed forth on Broadway in the Pekin Restaurant in 1920, and there received his first taste of jazz. In the summer of 1930, Lopez signed a five-year contract with the St. Regis management by which he is to receive \$1,000,000.

He has directed three commercial programs—Chancellor Cigar, the Kylectroneers and Purol. He does not smoke, seldom drinks, is so near-sighted that he ought to wear glasses, and lays all his success to a study of the science of numerology.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WNJ	Newark, N. J..... Divides time with WBMS- WHOM-WKBO	250	1450		1230 KC WFBM KGGM
WNOX	Knoxville, Tenn.....	2000	560		KYA
WNYC	New York City..... Divides time with WMCA	500	570		WBIS WNAC
WOAI	San Antonio, Tex.....	50000	1190		WPSC WSBT
WOAN } WREC }	(See WREC-WOAN)				
WOAX	Trenton, N. J..... Divides time with WCAM-WCAP	500	1280		1240 KC KTAT WACO
WOBT	Union City, Tenn.....	250	1310		WXYZ
WOBU	Charleston, W. Va..... Divides time with WSAZ	250	580		
WOC	Davenport, Iowa..... Divides time with WHO	5000	1000		1250 KC KFMX KFOX
WOCL	Jamestown, N. Y.....	25	1210		KIDO WAAM
WODA	Paterson, N. J..... Divides time with WGCP-WAAM	1000	1250		WCAL WDSU
WODX	Mobile, Ala..... Divides time with WSFA	500	1410		WGCP WGMS
WOI	Ames, Iowa.....	5000	640		WLB WODA
WOKO	Albany, N. Y..... Divides time with WHEC-WABO	500	1440		WRHM
WOL	Washington, D. C.....	100	1310		1260 KC
WOMT	Manitowoc, Wis.....	100	1210		KOIL KRGV
WOOD	Grand Rapids, Mich..... Divides time with WASH	500	1270		KVOA KWWG
WOPI	Bristol, Tenn.....	100	1500		WLBW WTOC
WOQ	Kansas City, Mo..... Divides time with KFH	1000	1300		
WOR	Newark, N. J.....	5000	710		1270 KC KFUM
WORC } WEPS }	Worcester, Mass.....	100	1200		KGCA KOL

RCA Radiotrons set the standard for all radio tubes

OLIVE PALMER

READ these routine facts before plunging into the colorful story of Miss Palmer—nightingale of the Palmolive Hour:



Born in Louisville, Ky., at a date which she simply refuses to divulge. Began singing at the Fourth Avenue Methodist Church in that city. Her mother was a singer and her father was an accomplished pianist. She was educated at Drake University.

While down in Louisville, Miss Palmer heard that W. W. Henshaw, a nationally known impresario, was planning to revive twenty operas in New York. She decided to ask for a job. So she called New York by long distance telephone. No, Henshaw didn't think he was interested. He had to have all the roles assigned long before she could possibly reach Manhattan. It was too late for an audition. She persuaded him to listen to her over the long distance telephone. Well, she was paying for it, wasn't she? She sang the "Bell Song" from "Dinorah." And Henshaw hired her.

After appearing in these opera revivals, Miss Palmer toured Europe and made phonograph records. By this time, radio had become an important factor in the musical world. Perhaps if her voice spun along the wire, she thought, it might also strike a microphone melodiously. A single audition was sufficient to satisfy Palmolive.

Miss Palmer has brown hair and blue eyes. She smiles faintly when you congratulate her after a performance. Then she hurries away to her home in Jackson Heights, N. Y., where she lives with her parents and brother. She sings with her left hand cupped over her ear so she can hear herself. Try it yourself sometime.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WOS	Jefferson City, Mo. Divides time with WGBF-KFRU	500	630		1270 KC (Cont'd)
WQV	New York City. to 6 P. M.	1000	1130		KTW KWLC
WOW	Omaha, Nebr. Divides time with WCAJ	1000	590		WASH WFBR WEAI
WOWO	Ft. Wayne, Ind. Divides time with WWVA	10000	1160		WJDX WOOD
WPAD	Paducah, Ky.	100	1420		1280 KC
WPAP } WQAO }	(See WQAO-WPAP)				KFBB WCAM
WPAW	Pawtucket, R. I. Divides time with WDFW-WLSI	100	1210		WCAP WDOD
WPCC	Chicago, Ill. Divides time with WIBO-WISJ	500	560		WIBA WOAX WRR
WPCH	New York City	500	810		1290 KC
WPEN	Philadelphia, Pa.	250	1500		KDYL
WPG	Atlantic City, N. J. Divides time with WLWL	5000	1100		KFUL KLCN
WPOE	Patchogue, N. Y.	100	1370		KTSA WEBC
WPOR } WTAR }	(See WTAR-WPOR)				WJAS WNBZ
WPSC	State College, Pa.	500	1230		1300 KC
WPTF	Raleigh, N. C.	1000	680		KFH
WQAM	Miami, Fla.	1000	560		KFJR KGEF
WQAN	Scranton, Pa. Divides time with WGBI	250	880		KTBI KTBR
WQAO } WPAP }	New York City. Divides time with WHN-WRNY	250	1010		WBBR WEVD
WQDM	St. Albans, Vt.	5	1370		WHAP WHAZ
WQDX	Thomasville, Ga.	50	1210		WIOD
WRAF	La Porte, Ind. Divides time with WWAE	100	1200		WMBF WOQ

There's an RCA Radiotron for every purpose



PALMOLIVE REVELERS

WHAT Babe Ruth is to baseball and Bobby Jones is to golf, the Revelers are to male quartets. They have created a new form of singing; they have struck magic into popular music; their imitators are legion. Frank Black, the director, whom you see at the piano, scores the melodies as he would for an orchestra, and oft-times the delicate shadings and tuneful tints would become a Chinese tapestry were they to be translated into colors.

Now shall we introduce them? Well then, from left to right: Jimmy Melton, first tenor; Lewis James, second tenor; Elliot Shaw, baritone; and Wilfred Glenn, bass. It wasn't exactly the same five fellows when the Revelers—as the Shannon Four—first came to radio in 1921 in that station perched like a cracker box on top the Westinghouse Electric & Manufacturing Company in Newark. With Charles Hart, then top tenor, they had gone over there just for fun—not receiving one penny. But Hart left for grand opera work and a rosy-cheeked lad gave up a \$17 a week job in a bank to join them. He was Franklyn Baur—the late Firestone tenor, you know—and Ed Smalle came on as accompanist. Well, a couple of years later Frankie departed for other melodic pastures and Jimmy Melton blossomed forth collegiately, while Smalle also faded from the picture.

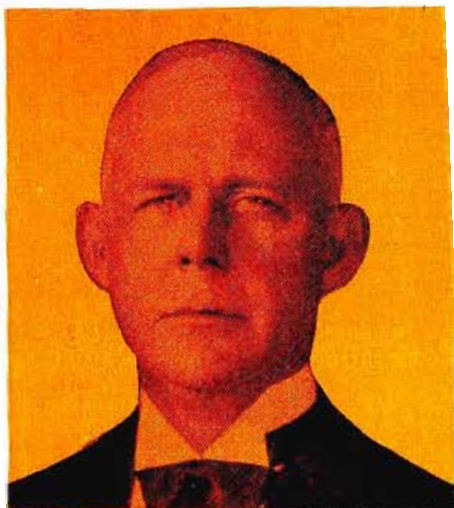
The Revelers, who are best known for their weekly Palmolive melody making, have appeared in 'most every state. They toured with Will Rogers in his Red Cross drought relief campaign. They have visited Europe, and are about to make another concert tour through the principal Continental cities.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WRAK	Williamsport, Pa.	50	1370		1310 KC
WRWA	Reading, Pa. Divides time with WGAL	50	1310		KCRJ KFBK
WRAX	Philadelphia, Pa.	250	1020		KFGQ
WRBI	Tifton, Ga. $\frac{1}{2}$ time	20	1310		KFJY KFPL
WRBJ	Hattiesburg, Miss.	10	1370		KFPM
WRBL	Columbus, Ga.	50	1200		KFUP
WRBQ	Greenville, Miss.	250	1210		KFXJ KFXR
WRBT	Wilmington, N. C.	100	1370		KGBX
WRBX	Roanoke, Va. $\frac{1}{2}$ time	250	1410		KGCX KGEZ
WRC	Washington, D. C.	500	950		KGFW
WRDO	Augusta, Me.	100	1370		KIT
WRDW	Augusta, Ga.	100	1500		KMED KRMD
WREC } WOAN }	Memphis, Tenn.	1000	600		KTLC KTSL
WREN	Lawrence, Kans. Divides time with KFKU	1000	1220		KTSM KWCR
WRHM	Minneapolis, Minn. Divides time with WCAL- KFMX-WLB	1000	1250		KXRO WBOW
WRJN	Racine, Wis.	100	1370		WBRE
WRNY	New York City Divides time with WQAO- WPAP-WHN	250	1010		WCLS WDAH WEBR
WROL	Knoxville, Tenn.	100	1310		WEXL
WRR	Dallas, Tex.	500	1280		WFBG
WRUF	Gainesville, Fla.	5000	830		WDFD
WRVA	Richmond, Va.	5000	1110		WGAL WGH
WSAI	Cincinnati, Ohio	500	1330		WHAT
WSAJ	Grove City, Pa.	100	1310		WJAC
WSAN	Allentown, Pa. Divides time with WCBA	250	1440		WJAK WKAV
WSAR	Fall River, Mass.	250	1450		WKBB

For better radio reception—use RCA Radiotrons

GRANTLAND RICE



FROM his more than twenty years' experience as a sports writer, Grantland Rice each Wednesday night brings gossip and reminiscences of the world of action. Before the Coca Cola microphone, he summons the greatest athletes—all his personal friends—and questions them about intimate matters.

Rice, as his soft, drawling voice indicates, is a southerner. Born in Murfreesboro, Tennessee, on November 1, 1880, he studied at Robertson's Academy in Nashville, at the Nashville Military Academy, Wallace University, and was graduated at the age of 21, from Vanderbilt University.

He himself was an athlete in school, winning letters in football, baseball and basketball. And at his graduation, he turned to sports reporting, typing successively for the *Nashville News*, *Atlanta Journal*, *Cleveland News*, *Nashville Tennessean*, *New York Evening Mail* and *New York Herald Tribune*. Now his column, "The Sportlight," which has been syndicated since 1915, appears in the *New York Sun*.

Rice probably has attended more sports events in his life than any other living person—from world series to polo matches, from Olympic games to fishing contests. He's published several books of verse, a book of golf, is editor of the *American Golfer*, and president of the Grantland Rice Sportlights which makes twenty-six motion picture sports reels a year.

Of all the celebrities whom he has called before the microphone, Ring Lardner, the short story writer, was perhaps the most nervous. Lardner confessed he was sick three days before the broadcast, and he trembled so much that his voice cracked, and he almost dropped his manuscript,

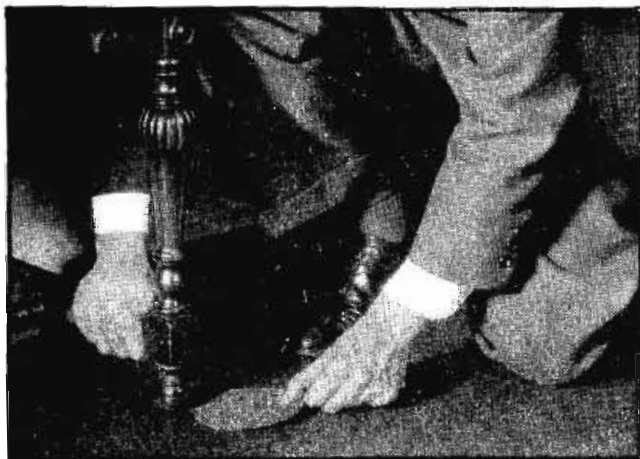
UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WSAZ	Huntington, W. Va..... Divides time with WOBV	250	580		1310 KC (Cont'd)
WSB	Atlanta, Ga.....	5000	740		WKBC
WSBC	Chicago, Ill..... Divides time with WEDC-WCRW	100	1210		WKBS
WSBT	South Bend, Ind..... Divides time with WFBM	500	1230		WLBC
WSDA } WSGH }	(See WSGH-WSDA)				WMBO
WSEN	Columbus, Ohio.....	100	1210		WNBH
WSFA	Montgomery, Ala..... Divides time with WODX	500	1410		WOBT
WSIX	Springfield, Tenn.....	100	1210		WOL
WSJS	Winston-Salem, N. C.....	100	1310		WRAW
WSM	Nashville, Tenn.....	5000	650		WRBI
WSMB	New Orleans, La.....	500	1320		WROL
WSMK	Dayton, Ohio..... Divides time with KQV	200	1380		WSAJ
WSOC	Gastonia, N. C.....	100	1210		WSJS
WSPA	Spartanburg, S. C.....	250	1420		WTEL
WSPD	Toledo, Ohio.....	1000	1340		1320 KC
WSSH	Boston, Mass..... Divides time with WLEX- WMAF	500	1410		KGHF
WSUI	Iowa City, Iowa..... 3/7 time	500	880		KID
WSUN } WFLA }	(See WFLA-WSUN)				KTFI
WSVS	Buffalo, N. Y.....	50	1370		WADC
WSYB	Rutland, Vt.....	100	1500		WSMB
WSYR. } WMAC }	Syracuse, N. Y.....	250	570		1330 KC
WTAD	Quincy, Ill..... Divides time with WMBD	500	1440		KGB
WTAG	Worcester, Mass.....	250	580		KSCJ
WTAM	Cleveland, Ohio.....	50000	1070		WDRC
WTAQ	Eau Claire, Wis..... Divides time with KSCJ	1000	1330		WSAI
					WTAQ
					1340 KC
					KFPW
					KFPY
					WCOA
					WSPD
					1350 KC
					KWK
					WAWZ
					WBNX
					WCDA
					WMSG

RCA Radiotrons—the preference of radio experts

How to Get the Most from Your Radio

- 1 Have your antenna installed by a competent service man.
- 2 Use a good ground. A cold water pipe makes the best ground. Solder the lead to it or use a standard ground clamp. If you cannot use a cold water pipe, a sheet of copper, approximately three feet square, buried in moist ground makes an excellent one. Hot water or steam radiator pipes usually will give satisfactory results.
- 3 Place the set so that the antenna and ground leads are as short as possible. If the lead-in comes through the window, place the set near the window, not on the other side of the room.
- 4 A shielded lead-in will sometimes eliminate objectionable noises.



Felt pads under a set will often aid in minimizing unpleasant noises

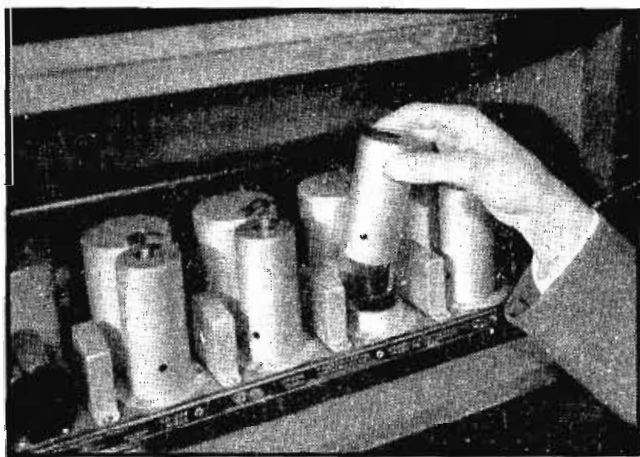
- 5 See that all connections are tightly made.
- 6 Allow several inches clearance between the back of the set and the wall.



If something goes wrong with your set, call in a trained service man

- 7 If possible, make the set face a doorway or drapes of some kind.
- 8 Place the set in an adjoining room. This will often make the tone more lifelike and pleasing.
- 9 More pleasing tone quality can often be obtained by insulating the set from the bare floor with small felt pads.
- 10 Sometimes reversing the plug on an a.c. set will improve reception and reduce noise. Never reverse the plug on a d.c. set.
- 11 Static and electrical disturbances can be reduced by turning the tone control to the extreme bass position.

- 12 Do not attempt to make adjustments on your set unless you are thoroughly competent to do so. The skill of a good service man is available at a reasonable cost.
- 13 If your set employs batteries, see that they are always up to the required voltages. Worn-out batteries cause noise, reduced volume, and lack of sensitivity.
- 14 If your set uses a storage battery, see that distilled water is added at regular intervals so that the liquid never falls below the top of the plates.
- 15 Do not play the set too loudly. It is less disturbing to the neighbors and you get more life-like reproduction.
- 16 Install a complete set of new RCA Radiotrons at least once each year.



It is a simple matter to renew your tubes. A set of new RCA Radiotrons will improve your present reception

RCA Radiotrons

There is an RCA Radiotron for every purpose.
When you buy radio tubes, look for the
Red and Black Carton

WD-11,	Detector Amplifier.....
WX-12,	Detector Amplifier.....
UX-112A,	Amplifier Detector.....
UX-120,	Amplifier.....
UX-171A,	Amplifier.....
UV-199,	Detector Amplifier.....
UX-199,	Detector Amplifier.....
UX-200A,	Detector.....
UX-201A,	Detector Amplifier.....
UX-210,	Power Amplifier.....
UX-222,	Screen-Grid Radio Frequency Amplifier..
UY-224,	Screen-Grid Radio Frequency Amplifier (A.C. Heater).....
UX-226,	Amplifier (A.C. Filament).....
UY-227,	Detector Amplifier (A.C. Heater).....
RCA-230,	Detector Amplifier.....
RCA-231,	Power Amplifier.....
RCA-232,	Radio Frequency Amplifier.....
RCA-233,	Power Amplifier Pentode D.C.....
RCA-235,	Super-Control Screen-Grid Amp.....
RCA-236,	Screen-Grid Radio Frequency Amp. (D.C. Heater).....
RCA-237,	Detector Amplifier (D.C. Heater).....
RCA-238,	Power Amplifier Pentode (D.C. Heater)..
UX-240,	Hi Mu Amplifier Detector.....
UX-245,	Power Amplifier (A.C. Filament).....
RCA-247,	Power Amplifier Pentode (A.C. Filament)
UX-250,	Power Amplifier (A.C. Filament).....
UX-280,	Full-Wave Rectifier.....
UX-281,	Half-Wave Rectifier.....
UX-852,	Oscillator or R.F. Power Amp.....
UX-865,	Screen-Grid R.F. Power Amp., Oscillator
UX-866,	Half-Wave Rectifier.....
UX-874,	Voltage Regulator.....
UV-876,	Ballast Tube.....
UV-886,	Ballast Tube.....

B. A. ROLFE



IT'S a fetching spectacle—Benjamin A. Rolfe conducting his driving Lucky Strike Orchestra.

Before him are spread fan-wise, fifty or more musicians, and he directs them all with only the faintest flip of his thumbs and forefingers. His hands he holds before his sumptuously rounded body and, instead of waving a baton, he works his fingers back and forth—a jerk at the saxophone section, a whisk at the clarinets.

And as he leads them in "Happy Days Are Here Again," let's glance back over his strange existence—an existence that would have destroyed a less purposeful person than he. Fifty-two years ago he was born in Chippewa Falls, Wis., studied the piccolo, but found this instrument too fragile for his trumpetous dreams. At 11, he carried his trumpet to England and played in a Wild West Show. A youth in his early 20's, he joined Jesse L. Lasky to form Lasky, Rolfe & Co., to produce vaudeville.

Next he produced moving pictures of his own with Lionel Barrymore, Mr. and Mrs. Sidney Drew and others as his stars. He went broke. He sailed for England to produce movies and there he went broke, too. Returning to America, he invested all he could scramble together in a stock which tumbled beneath him. He hadn't a penny left, so he dusted off his trumpet and started a dance orchestra at the Palais d'Or. Immediately the orchestra clicked, and the National Broadcasting Co. three years ago offered him to the Lucky Strike firm. Now he's devoting all his time to those three weekly broadcasts.

Rolfe looks on his orchestra as a very human play—the saxophones, a comic relief; the violins and cellos, heart interest; the bass section, the dastardly villain.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
WTAR } WPOR }	Norfolk, Va.	500	780		1360 KC KGER
WTAW	College Station, Tex. Divides time with KTRH	500	1120		KGIR KPSN
WTAX	Springfield, Ill. Divides time with WCBS	100	1210		WCSC WFBL
WTBO	Cumberland, Md.	250	1420		WGES
WTEL	Philadelphia, Pa. Divides time with WHAT	50	1310		WJKS
WTFI	Toccoa, Ga.	500	1450		1370 KC
WTIC	Hartford, Conn. Divides time with WBAL	50000	1060		KCRC KFBL
WTMJ	Milwaukee, Wis.	2500	620		KFJI
WTOC	Savannah, Ga.	500	1260		KFJM
WWAE	Hammond, Ind. Divides time with WRAF	100	1200		KFJZ KFLX
WWJ	Detroit, Mich.	1000	920		KGAR
WWL	New Orleans, La. Divides time with KWKH	5000	850		KGDA KGFG
WWNC	Asheville, N. C.	1000	570		KGFL
WWRL	Woodside, N. Y. Divides time with WMBQ- WLBX-WCLB	100	1500		KGKL KMAC
WWVA	Wheeling, W. Va. Divides time with WOWO	5000	1160		KONO KOOS
WXYZ	Detroit, Mich.	1000	1240		KRE
KBPS	Portland, Ore. Divides time with KXL	100	1420		KUJ KVL
KBTM	Paragould, Ark.	100	1200		KWKC
KCRC	Enid, Okla. Divides time with KGFG	250	1370		KZM WBGF
KCRJ	Jerome, Ariz.	100	1310		WBTM
KDB	Santa Barbara, Cal.	100	1500		WCBM
KDFN	Casper, Wyo.	100	1210		WELK
KDKA	Pittsburgh, Pa.	50000	980		WFDV WGL
KDLR	Devils Lake, N. D.	100	1210		WHBD
KDYL	Salt Lake City, Utah.	1000	1290		WHBQ
KECA	Los Angeles, Cal.	1000	1430		WHDF
KELW	Burbank, Cal. Divides time with KTM	500	780		WIBM WJBK

*When experts agree on RCA Radiotrons—why
take chances?*

SAMUEL LIONEL ROTHAFEL



FOR nearly ten years you have heard Roxy's voice on the air—that faltering, meandering, but always deeply appealing voice. For Roxy was probably the first important showman to realize that radio broadcasting one day was to become a vital entertainment factor and that, instead of clashing with the legitimate theatre, it would progress on a parallel course. In 1922 he organized 'Roxy's Gang' at the Capitol Theatre—a gang of amiable song birds and exuberant instrumentalists—and immediately this became one of the most popular features on the air. This season Roxy led his Gang on an RKO tour, and soon he will become one of the showmen in that vast Rockefeller project—Radio City.

Thus, Sammy Rothafel will pass another milestone in his uphill travel through life. Sammy, you are reminded, was born in Stillwater, Minn., on July 9, 1882. When twelve years of age, his parents moved to New York where he started his career as a cash boy in a department store. As a book agent, a Marine, a coal miner in Pennsylvania, Roxy had intimate contact with many phases of life before he presented his first moving picture in 1907 at Forest City, Pa.—in a vacant storeroom. In 1913, he returned to New York where, as manager of the Regent Theatre, his originality and sure knowledge of what the people want, attracted attention. In turn, he managed the Strand, then the world's largest theatre, the Rialto and Rivoli, before his own playhouse, the Roxy Theatre, was opened.

Roxy is a generous, sentimental person. He chanced into the Walter Reed Hospital at Washington one day and supplied all patients with receiving sets. He has dreams of great power. Before him always stands a bust of Napoleon.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
KEX	Portland, Ore..... Divides time with KOB	5000	1180		1370 KC (Cont'd)
KFAB	Lincoln, Nebr..... Divides time with WBBM-WJBT	5000	770		WLEY WLVA
KFBB	Great Falls, Mont.....	2500	1280		WMBR
KFBK	Sacramento, Cal.....	100	1310		WPOE
KFBL	Everett, Wash..... Divides time with KVL	50	1370		WQDM WRAK
KFDM	Beaumont, Tex.....	1000	560		WRBJ
KFDY	Brookings, S. Dak..... Divides time with KFJR	1000	550		WRBT WRDO
KFEL	Denver, Colo..... Divides time with KFXF	500	920		WRJN WSVS
KFEQ	St. Joseph, Mo.....	2500	680		
KFGQ	Boone, Iowa..... Divides time with KWCR-KFJY	100	1310		1380 KC
KFH	Wichita, Kans..... Divides time with WOQ	1000	1300		KOH KQV
KFI	Los Angeles, Cal.....	5000	640		KSO
KFIO	Spokane, Wash.....	100	1120		WKBH
KFIZ	Fond du Lac, Wis.....	100	1420		WSMK
KFJB	Marshalltown, Iowa..... $\frac{1}{2}$ time	250	1200		1390 KC
KFJF	Oklahoma City, Okla.....	5000	1480		KLRA
KFJI	Astoria, Ore.....	100	1370		KOY
KFJM	Grand Forks, N. Dak.....	100	1370		KUOA
KFJR	Portland, Ore..... Divides time with KTBR	500	1300		WHK
KFJY	Fort Dodge, Iowa..... Divides time with KFGQ-KWCR	100	1310		1400 KC
KFJZ	Fort Worth, Tex.....	100	1370		KLO
KFKA	Greeley, Colo..... Divides time with KPOF	1000	880		KOCW WBAA
KFKB	Milford, Kans.....	5000	1050		WBBC
KFKU	Lawrence, Kans..... Divides time with WREN	500	1220		WCGU WCMA
KFKX } KYW }	(See KYW-KFKX)				WFOX WKBK WLTH

*Progress in the radio art is measured by the
development of RCA Radiotrons*



SANDERSON AND CRUMIT

"DUNROVIN" they've named their home near Springfield, Mass. And there you have the whole radio story of these two old troupers—"no more roamin' around the country and playing to empty houses and packin' and unpackin'." They've got themselves a quiet little place, three and one-half hours' drive from New York.

Seems strange, too, for Julia Sanderson, standing there on a low platform before the microphone, and Frank Crumit, waving his left hand gently in rhythm, once were so much a part of the whirl of theatrical life. She was the toast of the town and he, the wit. The older folks will remember her clear blue eyes and her golden hair, in the days of "Winsome Willie" when she stepped out of the chorus into success in: "The Dairy Maid," "The Girl from Utah," "The Canary," "Fantana" and "The Sunshine Girl."

In "Tangerine," Julia joined with Frank Crumit—who had been graduated from the University of Ohio as an electrical engineer but who had turned to vaudeville. They made an immediate hit in this and subsequently in: "No, No, Nanette," "Queen High" and "Okay." In July, 1927, they were married.

As she dreams in her home, Miss Sanderson sometimes recalls how the Harvard boys used to send her their sweaters with the flamboyant "H's", and the night President Taft tossed a bouquet across the footlights to her.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocyle Index
KFLV	Rockford, Ill. Divides time with WHBL	500	1410		1410 KC KFLV
KFLX	Galveston, Tex.	100	1370		KGRS
KFMX	Northfield, Minn. Divides time with WCAL- WRHM-WLB	1000	1250		WBCM WDAG WHBL
KFNF	Shenandoah, Iowa Divides time with WILL-KUSD	1000	890		WLEX WMAF WODX
KFOR	Lincoln, Nebr.	250	1210		WRBX
KFOX	Long Beach, Cal.	1000	1250		WSFA WSSH
KFPL	Dublin, Tex.	100	1310		
KFPM	Greenville, Tex.	15	1310		
KFPW	Ft. Smith, Ark.	50	1340		1420 KC
KFPY	Spokane, Wash.	1000	1340		KBPS
KFQU	Holy City, Cal. Divides time with KGGC	100	1420		KFIZ KFQU KFQW
KFQW	Seattle, Wash.	100	1420		KFXD
KFRC	San Francisco, Cal.	1000	610		KFXV
KFRU	Columbia, Mo. Divides time with WOS-WGBF	500	630		KFYO KGFF
KFSD	San Diego, Cal.	1000	600		KGGC
KFSG	Los Angeles, Cal. Divides time with KMCS	500	1120		KGJW KGIX
KFUL	Galveston, Tex. Divides time with KTSA	500	1290		KGKX KICK
KFUM	Colorado Springs, Colo.	1000	1270		KLPM
KFUO	Clayton, Mo. Divides time with KSD	1000	550		KORE KTAP
KFUP	Denver, Colo. Divides time with KFXJ	100	1310		KXL KXYZ
KFVD	Culver City, Cal.	250	1000		WEDH
KFVS	Cape Girardeau, Mo. Divides time with WEBQ	100	1210		WEHS WELL
KFWB	Hollywood, Cal.	1000	950		WFDW
KFWF	St. Louis, Mo. Divides time with WIL	100	1200		WHDL WHFC
KFWI	San Francisco, Cal. Divides time with KROW	500	930		WHIS WIAS

Every RCA Radiotron is thoroughly tested before it is enclosed in the Red and Black carton

NATHANIEL SHILKRET



NEXT time you hear an orchestra directed by Nathaniel Shilkret, remember this description of him: He is scarcely over five feet tall; has a mild manner when chatting with you and a tiger's attitude when he's conducting; speaks in a high-pitched voice and is a veritable dynamo of enthusiasm. Many's the night he's toiled tirelessly till dawn over a difficult musical arrangement, perhaps an original composition.

In a tiny village near that glorious center of melody, Vienna, Shilkret was born, and from his father he drew his inspiration to become a musician. Frequently his father would play twenty hours a day, perfecting himself on every known instrument.

When he was seven, Nathaniel was brought to America and he played in the New York Boys' Symphony. A lot of these lads now hold leading posts with famous symphony orchestras. Still in his 'teens, Nathaniel played with the Russian Symphony Orchestra and later with the New York Philharmonic. At 19, he wrote an original suite, "Street Sketches," with a "Negro Dance" which many believe anticipated the original Dixieland Jazz Band's negroid rhythms.

For many years he has been chief orchestra director in the Victor Recording Studios. At one time he was making records in thirty-five languages, using thirty types of orchestras and turning out eighty or ninety numbers a month. In radio, he's directed RCA-Victor, Eveready, Eastman Kodak, Mobiloil, and other special programs. When the crowds of musicians with their huge bass viols and tubas gather in the corridor outside a studio, he sometimes gets lost.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycle Index
KFXD	Nampa, Idaho	50	1420		1420 KC (Cont'd)
KFXF	Denver, Colo. Divides time with KFEL	500	920		WIBR WILM WJBO
KFXJ	Edgewater, Colo. Divides time with KFUP	50	1310		WKBI WLBF
KFXM	San Bernardino, Cal. Divides time with KPPC	100	1210		WMBC WMBH
KFXR	Oklahoma City, Okla.	250	1310		WPAD WSPA
KFXY	Flagstaff, Ariz.	100	1420		WTBO
KFYO	Abilene, Tex.	250	1420		1430 KC
KFYR	Bismarck, N. D. Divides time with KFDY	1000	550		KECA KGNF
KGA	Spokane, Wash.	5000	1470		WBAK WCAH
KGAR	Tucson, Ariz.	250	1370		WGBC
KGB	San Diego, Cal.	250	1330		WHP
KGBX	St. Joseph, Mo.	100	1310		WNBR
KGBZ	York, Nebr. Divides time with KMA	1000	930		1440 KC
KGCA	Decorah, Iowa Divides time with KWLC	50	1270		KLS WABO WBIG
KGCR	Watertown, S. Dak.	100	1210		WCBA
KGCU	Mandan, N. Dak.	100	1200		WHEC
KGCX	Wolf Point, Mont. $\frac{1}{2}$ time	250	1310		WMBD WOKO
KGDA	Mitchell, S. Dak.	100	1370		WSAN WTAD
KGDE	Fergus Falls, Minn.	250	1200		
KGDM	Stockton, Cal.	250	1100		1450 KC
KGDY	Huron, S. Dak.	100	1200		KSTP KTBS
KGEF	Los Angeles, Cal. Divides time with KTBI	1000	1300		WBMS WGAR
KGEK	Yuma, Colo. Divides time with KGEW	50	1200		WHOM WKBO

RCA Radiotrons are the heart of your radio set



JOLLY BILL AND JANE

NEXT October, Jane will be 13 years old. But already she's a little star in her own little way. Jane, whose real name is Muriel Harbater, is the essence of childish gaiety and carefree simplicity.

And she came into radio, not by accident, but as a result of her own sparkling talent. Jolly Bill—Mr. William Steinke on his calling card, if he should have one—had grown tired of working with a grown-up person who tried to imitate the pattering of a child. This was three years ago, and Bill—born in the Pennsylvania Dutch section, a cartoonist and ex-newspaperman—already was the radio uncle of New York. So Miss Madge Tucker, who has charge of the young antics at the NBC, told Bill to take his pick from all the eager faces circled 'round her. Bill chose Jane, and they have not missed a day together ever since he first pointed his finger at her.

Bill is as round as a medicine ball, has a laugh as infectious as the grippe and, when he talks, you can hear him from Times Square to the Battery. He hasn't lost an ounce of his 210 pounds, despite his early morning broadcasts. You see, he has to rise shortly before 6 o'clock, meet Jane in the studio, 'long about 7:15, and go over the script of their Cream of Wheat mythical travelogue before taking to the air at 7:45. They repeat this broadcast for western listeners an hour later, and then Jane dashes off for school.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycle Index
KGER	Long Beach, Cal. Divides time with KPSN	1000	1360		1450 KC (Cont'd)
KGEW	Fort Morgan, Colo. Divides time with KGEK	100	1200		WNJ WSAR WTFI
KGEZ	Kalispell, Mont.	100	1310		
KGFF	Alva, Okla.	100	1420		
KGFG	Oklahoma City, Okla. Divides time with KCRC	100	1370		1460 KC WJSV
KGFI	Corpus Christi, Tex.	250	1500		
KGFI	Los Angeles, Cal.	100	1200		
KGFK	Moorhead, Minn.	50	1500		1470 KC
KGFL	Raton, N. M.	50	1370		KGA WLAC
KGFW	Ravenna, Nebr.	100	1310		
KGFX	Pierre, S. Dak.	200	580		
KGGC	San Francisco, Cal. Divides time with KFQU	100	1420		1480 KC KFJF WKBW
KGGF	South Coffeyville, Okla. Divides time with WNAD	500	1010		
KGGM	Albuquerque, N. M.	500	1230		
KGHF	Pueblo, Colo.	500	1320		1490 KC
KGHI	Little Rock, Ark.	100	1200		WCHI WCKY WJAZ
KGHL	Billings, Mont.	1000	950		
KGIR	Butte, Mont. $\frac{1}{2}$ time	500	1360		
KGIW	Trinidad, Colo.	100	1420		1500 KC
KGIX	Las Vegas, Nev.	100	1420		KDB
KGIZ	Grant City, Mo.	50	1500		KGFI
KGJF	Little Rock, Ark.	250	890		KGFK KGIZ
KGKB	Brownwood, Tex.	100	1500		KGKB
KGKL	San Angelo, Tex.	100	1370		KGKY
KGKO	Wichita Falls, Tex.	500	570		KPJM
KGKX	Sandpoint, Idaho	100	1420		KPQ
KGKY	Scottsbluff, Nebr.	100	1500		KREG KUT
KGMP	Elk City, Okla.	100	1210		KXO
KGNF	North Platte, Nebr.	500	1430		WCLB

RCA Radiotrons—The hallmark of a good radio set

LOWELL THOMAS



THEY tell you 'round about the studios that this microphone life has grown a trifle tame for Lowell Thomas. He's got the itch, they say, to be off again to the far places—to the mysterious East, to the scented islands on the other side of the world. For, after all, it's pretty hard to coop within the four monk's-cloth walls of a studio, a man who's followed the trail of Colonel Lawrence about Arabia and Count Luckner's eccentric sea tracks.

Thomas and Floyd Gibbons, whom he succeeded as the voice of the *Literary Digest*, are radio's far travelers—the air's great adventurers. They've been everywhere that everyday folk dream someday, somehow, they, too, will go, and each night Thomas explains the day's news in the light of his rich reminiscences.

It's in keeping with his character that Thomas, born in a tiny Ohio town, was reared in Cripple Creek, Colo., scene of a rich gold strike and center of pioneer history in the rough and ready days of the old West. He studied successively at the University of Northern Indiana, at a Chicago law college, at the University of Denver, and at Princeton. His life is so full that it's best within the limits of this brief tale to compress the most significant events: Worked on Chicago newspapers, taught English at Princeton, was sent by President Wilson to prepare a historical record of the World War, was with all of the Allied Armies from the North Sea to the Persian Gulf, toured the world with the Prince of Wales' party, and explored Burma, Malaya and Central Asia.

Thomas is a slender, wiry, nervous person, with flashing black eyes, a distinctive mustache and a hypnotic manner of talking. He says he is the man whom radio fans tune in before listening to Amos 'n' Andy.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycl- Index
KMPC	Beverly Hills, Cal.....	500	710		
KMTR	Los Angeles, Cal.....	500	570		
KNX	Hollywood, Cal.....	5000	1050		
KOA	Denver, Colo.....	12500	830		
KOAC	Corvallis, Ore.....	1000	550		
KOB	State College, N. Mex..... Divides time with KEX	20000	1180		
KOCW	Chickasha, Okla.....	500	1400		
KOH	Reno, Nev.....	500	1380		
KOIL	Council Bluffs, Iowa.....	1000	1260		
KOIN	Portland, Oregon.....	1000	940		
KOL	Seattle, Wash..... Divides time with KTW	1000	1270		
KOMO	Seattle, Wash.....	1000	920		
KONO	San Antonio, Tex..... Divides time with KMAC	100	1370		
KOOS	Marshfield, Ore.....	100	1370		
KORE	Eugene, Ore.....	100	1420		
KOY	Phoenix, Ariz.....	500	1390		
KPCB	Seattle, Wash.....	100	650		
KPJM	Prescott, Ariz.....	100	1500		
KPO	San Francisco, Cal.....	5000	680		
KPOF	Denver, Colo..... Divides time with KFKA	500	880		
KPPC	Pasadena, Cal..... Divides time with KFXM	50	1210		
KPQ	Wenatchee, Wash.....	50	1500		
KPRC	Houston, Tex.....	2500	920		
KPSN	Pasadena, Cal..... Divides time with KGER	1000	1360		
KQV	Pittsburgh, Pa..... Divides time with WSMK	500	1380		
KQW	San Jose, Cal.....	500	1010		
KRE	Berkeley, Cal..... Divides time with KZM	100	1370		

RCA Radiotrons—the choice of millions

RUDY VALLEE



NO SINGLE radio figure ever has aroused quite the storm of comment that has surrounded Rudy Vallee since he rocketed to national fame three years ago. To many he is the romantic vagabond lover, the most appealing voice on the air. Through oft-times embarrassing adoration and frequent bitter criticism, Vallee has plodded on, undiscouraged, to unequalled acclaim. He has become an idol at less than 30.

And Rudy, no more exactly than anyone else, can explain this phenomenon. It's one of those events which, like a miracle, come unheralded in the entertainment world.

Four years ago he left Yale and his Westbrook, Me., home for New York. His father was proprietor of the town's drug store and Rudy worked as an usher in the local movie house. He had studied saxophone by means of a correspondence school course with Rudy Wiedoeft, still a master of this instrument. From Wiedoeft he borrowed his first name, for "Hubert" he was christened.

In January, 1928, he sang in a New York night club and, after making the rounds of the broadcasting studios, he finally landed a job with the Herbert Entertainers on WMCA at \$25 a program. His peculiar manner of singing, his intimate way of introducing his music, his moody, distant bearing, attracted nation-wide attention. Shortly thereafter, the National Broadcasting Co. offered him an exclusive contract. Now he sings weekly for Fleischmann and religiously eats yeast. He has become a millionaire, but he's still unmarried. For feminine readers' information: he has light, wavy hair, pinks himself with a sunlamp, has gray eyes, and has a break in his voice.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycle Index
KREG	Santa Ana, Cal.	100	1500		
KRGV	Harlingen, Tex. Divides time with KWWG	500	1260		
KRLD	Dallas, Tex. Divides time with KTSH	10000	1040		
KRMD	Shreveport, La. Divides time with KTSL	50	1310		
KROW	Oakland, Calif. Divides time with KFWI	1000	930		
KRSC	Seattle, Wash.	50	1120		
KSAC	Manhattan, Kans. Divides time with WIBW	1000	580		
KSCJ	Sioux City, Iowa. Divides time with WTAQ	2500	1330		
KSD	St. Louis, Mo. Divides time with KFUD	500	550		
KSEI	Pocatello, Idaho.	250	900		
KSL	Salt Lake City, Utah.	5000	1130		
KSMR	Santa Maria, Cal.	100	1200		
KSO	Clarinda, Iowa. Divides time with WKBH	500	1380		
KSOO	Sioux Falls, S. Dak.	2000	1110		
KSTP	St. Paul, Minn.	10000	1460		
KTAB	San Francisco, Cal.	1000	560		
KTAP	San Antonio, Tex.	100	1420		
KTAR	Phoenix, Ariz.	1000	620		
KTAT	Ft. Worth, Tex. Divides time with WACO	1000	1240		
KTBI	Los Angeles, Cal. Divides time with KGEF	1000	1300		
KTBR	Portland, Ore. Divides time with KFJR	500	1300		
KTBS	Shreveport, La.	1000	1450		
KTFI	Twin Falls, Idaho.	250	1320		
KTSH	Hot Springs Nat'l Park, Ark. Divides time with KRLD	10000	1040		
KTLC	Houston, Tex.	100	1310		

The standard of the radio industry—RCA Radiotrons

PAUL WHITEMAN



A MAN of many contradictions is this "King of Jazz"—Paul Whiteman. He weighs 225 pounds and looks as if he could swing a sledge hammer, but he's scared to death of crowds. He loves to speed 75 miles an hour in his high-powered roadster, but he refuses to ride in elevators. He drinks quarts of water, but he has to be dragged on a ferryboat. He eats huge dinners, but he's always worried about his health.

He was born in Denver, Colo., and started work as a taxi driver. His father was director of the Methodist church choir, and from him he learned the elements of conducting. Migrating to California, he started dance orchestras in San Francisco and Los Angeles. In the latter city he met Ferdie Grofe who became his arranger and contributed all those glorious special orchestrations that have made the Whiteman band renowned.

Out of the West, Whiteman and his band came to the Ambassador Hotel in Atlantic City in 1919 and immediately fascinated the East with their fiery music. In New York he opened at the old Palais Royal and, within a few weeks, swept the town off its feet. In this restaurant was conceived the famous jazz concert at Aeolian Hall which, more than any other single event, cinched Whiteman for history. He introduced George Gershwin's "Rhapsody in Blue," the famous melody which he uses as his radio signature.

In radio, Whiteman made his debut with Old Gold through a Columbia Broadcasting System network. He starred in one talkie, "The King of Jazz." Now he's playing at the Granada Cafe in Chicago, and broadcasting commercially as the Whiteman Paintmen through a National Broadcasting Co. network.

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
KTM	Los Angeles, Cal. Divides time with KELW	1000	780		
KTNT	Muscatine, Iowa.	5000	1170		
KTRH	Houston, Tex. Divides time with WTAW	500	1120		
KTSA	San Antonio, Tex. Divides time with KFUL	2000	1290		
KTSL	Shreveport, La. Divides time with KRMD	100	1310		
KTSM	El Paso, Tex. Divides time with WDAH	100	1310		
KTW	Seattle, Wash. Divides time with KOL	1000	1270		
KUJ	Walla Walla, Wash. $\frac{1}{2}$ time	100	1370		
KUOA	Fayetteville, Ark. Divides time with KLRA	1000	1390		
KUSD	Vermilion, S. Dak. Divides time with KFNF-WILL	750	890		
KUT	Austin, Tex.	100	1500		
KVI	Tacoma, Wash.	1000	760		
KVL	Seattle, Wash. Divides time with KFBL	100	1370		
KVOA	Tucson, Ariz.	500	1260		
KVOO	Tulsa, Okla. Divides time with WAPI	5000	1140		
KVOS	Bellingham, Wash.	100	1200		
KWCR	Cedar Rapids, Iowa. Divides time with KFJY-KFGQ	100	1310		
KWEA	Shreveport, La.	100	1210		
KWG	Stockton, Cal.	100	1200		
KWJJ	Portland, Ore.	500	1060		
KWK	St. Louis, Mo.	1000	1350		
KWKC	Kansas City, Mo. $\frac{1}{2}$ time	100	1370		
KWKH	Shreveport, La. Divides time with WWL	10000	850		

No set is better than its tubes—use RCA Radiotrons

UNITED STATES BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
KWLC	Decorah, Iowa..... Divides time with KGCA	100	1270		
KWSC	Pullman, Wash.....	2000	1220		
KWWG	Brownsville, Tex..... Divides time with KRGV	500	1260		
KXA	Seattle, Wash.....	500	570		
KXL	Portland, Ore..... Divides time with KBPS	100	1420		
KXO	El Centro, Cal.....	100	1500		
KXRO	Aberdeen, Wash.....	75	1310		
KXYZ	Houston, Tex.....	100	1420		
KYA	San Francisco, Cal.....	1000	1230		
KYW KFKX }	Chicago, Ill.....	10000	1020		
KZM	Hayward, Cal..... Divides time with KRE	100	1370		

Play safe! Always keep on hand an extra set of RCA Radiotrons

CANADIAN BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
CFAC	Calgary, Alta.	500	690		540 KC
CFBO	St. John, N. B.	500	890		CKX
CFCA	Toronto, Ont.	500	840		580 KC
CFCF	Montreal, Que.	500	1030		CHMA
CFCH	North Bay, Ontario.	50	1200		CKCL
CFCN	Calgary, Alta.	500	690		CKNC
CFCO	Chatham, Ontario.	100	1210		CKUA
CFCT	Victoria, B. C.	500	630		600 KC
CFCY	St. Charlottetown, P. E. I.	250	960		CJRM
CFJC	Kamloops, B. C.	100	1120		CJRW
CFLC	Prescott, Ont.	50	1010		CNRO
CFNB	Fredericton, N. B.	500	1210		630 KC
CFQC	Saskatoon, Sask.	500	910		CFCT
CFRB	Twp. of King, York County, Ont.	4000	960		CJGX CNRA
CFRC	Kingston, Ont.	500	930		645 KC
CHCA	Calgary, Alta.	500	690		CHRC
CHCK	St. Charlottetown, P. E. I.	100	960		665 KC
CHCS	Hamilton, Ont.	10	1120		CHWK
CHCT	Red Deer, Alta.	1000	840		690 KC
CHGS	Summerside, P. E. I.	100	1120		CFAC
CHLS	Vancouver, B. C.	50	730		CFCN
CHMA	Edmonton, Alta.	250	580		CHCA
CHML	Hamilton, Ont.	50	880		CJBC
CHNS	Halifax, N. S.	500	910		CJCJ
CHRC	Quebec, Que.	100	645		CJSC
CHWC	Pilot Butte, Sask.	500	960		CKGW
CHWK	Chilliwack, B. C.	100	665		CNRC
CHYC	St. Hyacinthe, Que.	5000	730		CPRY
CJBC	Toronto, Ont.	5000	690		730 KC
CJBR	Regina, Sask.	500	960		CHLS
CJCA	Edmonton, Alta.	500	930		CHYC
CJCB	Sydney, N. S.	50	880		CKAC

RCA Radiotrons—The nation's choice

CANADIAN BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
CJCJ	East Calgary, Alta.	500	690		730 KC
CJGC	Strathburn, Ont.	500	910		(Cont'd)
CJGX	Yorkton, Sask.	500	630		CKCD
CJOC	Lethbridge, Alta.	50	1120		CKFC
CJOR	Sea Island, B. C.	500	1210		CKMO
CJRM	Moose Jaw, Sask.	500	600		CKWX
CJRW	Fleming, Sask.	500	600		CNRM
CJSC	Toronto, Ont.	5000	690		780 KC
CKAC	St. Hyacinthe, Que.	5000	730		CKY
CKCD	Vancouver, B. C.	50	730		CNRR
CKCI	Quebec, Que.	22.5	880		840 KC
CKCK	Regina, Sask.	500	960		CFCA
CKCL	Toronto, Ont.	500	580		CHCT
CKCO	Ottawa, Ont.	100	890		CKLC
CKCR	Waterloo, Ont.	50	1010		CKOW
CKCV	Quebec, Que.	50	880		CNRD
CKFC	Vancouver, B. C.	50	730		CNRT
CKGW	Bowmanville, Ont.	5000	690		880 KC
CKIC	Wolfville, N. S.	50	1010		CHML
CKLC	Red Deer, Alta.	1000	840		CJCB
CKMC	Cobalt, Ont.	15	1210		CKCI
CKMO	Vancouver, B. C.	50	730		CKCV
CKNC	Toronto, Ont.	500	580		CNRR
CKOC	Hamilton, Ont.	50	1120		890 KC
CKOW	Toronto, Ont.	500	840		CFBO
CKPC	Preston, Ont.	25	1210		CKCO
CKPR	Port Arthur, Ont.	50	890		CKPR
CKUA	Edmonton, Alta.	500	580		910 KC
CKWX	Vancouver, B. C.	100	730		CFQC
CKX	Brandon, Man.	500	540		CHNS
CKY	Winnipeg, Man.	5000	780		CJGC
CNRA	Moncton, N. B.	500	630		CNRR
CNRC	Calgary, Alta.	500	690		CNRL
					CNRS

To get the best from your set use RCA Radiotrons

CANADIAN BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
CNRD	Red Deer, Alta.	1000	840		930 KC
CNRE	Edmonton, Alta.	500	930		CFRC
CNRH	Halifax, N. S.	500	910		CJCA
CNRL	Strathburn, Ont.	500	910		CNRE
CNRM	Montreal, Que.	5000	730		960 KC
CNRO	Ottawa, Ont.	500	600		CFCY
CNRQ	Quebec, Que.	50	880		CFRB
CNRR	Regina, Sask.	500	960		CHCK
CNRS	Saskatoon, Sask.	500	910		CHWC
CNRT	Toronto, Ont.	500	840		CJBR
CNRV	Vancouver, B. C.	500	1030		CKCK
CNRW	Winnipeg, Man.	5000	780		CNRR
CNRX	Toronto, Ont.	4000	960		CNRY
CPRY	Bowmanville, Ont.	5000	690		1010 KC

BROADCASTING STATIONS OF U. S. POSSESSIONS

KFIU	Juneau, Alaska.	10	1310		1030 KC
KFQD	Anchorage, Alaska.	100	1230		CFCF
KGBU	Ketchikan, Alaska.	500	900		CNRY
KGMB	Honolulu, Hawaii.	500	1320		1120 KC
KGU	Honolulu, Hawaii.	1000	940		CFJC
WKAQ	San Juan, Porto Rico.	500	890		CHCS

CENTRAL AMERICAN AND WEST INDIAN STATIONS

TIC	San Jose, Costa Rico.	15	882		1200 KC
HIX	Santo Domingo, Dominican Republic.	1000	669		CFCH
RUS	San Salvador, El Salvador.	500	664		1210 KC
TGW	Guatemala, Guatemala.	50	571		CFCO
HHK	Port-au-Prince, Haiti.	1000	920		CFNB
HRB	Tegucigalpa, Honduras.	2300	1370		CJOR

Improve your Radio set with RCA Radiotrons

CUBAN BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo- cycles	Dial Setting	Kilocycle Index
CMAA	Guanajay.	30	1090		
CMAB	Pinar del Rio.	20	1250		
CMBA	Habana.	50	1345		
CMBC	Habana.	150	955		
CMBD	Habana.	150	955		
CMBF	Habana.	7.5	1345		
CMBG	Habana.	50	1405		
CMBH	Habana.	30	1500		
CMBI	Habana.	30	1405		
CMBJ	Habana.	15	1285		
CMBK	Marianao.	15	1405		
CMBL	Habana.	15	1500		
CMBM	Habana.	15	1285		
CMBN	Los Pinos.	30	1405		
CMBR	Arroyo Apolo.	15	1500		
CMBS	Habana.	150	790		
CMBT	Habana.	150	1070		
CMBW	Marianao.	150	1010		
CMBX	Habana.	30	1405		
CMBY	Habana.	100	1405		
CMBZ	Habana.	150	1010		
CMC	Habana.	500	845		
CMCA	Habana.	150	1225		
CMCB	Habana.	150	1070		
CMCD	Habana.	15	1345		
CMCF	Habana.	250	900		
CMCG	Guanabacoa.	30	1285		
CMCH	Habana.	15	1285		
CMCJ	Habana.	250	550		
CMCM	Marianao.	15	1500		
CMCN	Marianao.	250	1225		
CMCO	Marianao.	225	660		
CMCQ	Habana.	600	1150		
CMCR	Habana.	20	1285		

Want thrilling tone? Buy new RCA Radiotrons

CUBAN BROADCASTING STATIONS (Cont'd)

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
CMCU	Habana.	50	1345		
CMCX	Marianao.	250	1010		
CMCY	Habana.	15	1345		
CMGA	Colon.	100	834		
CMGB	Matanzas.	7.5	1185		
CMGC	Matanzas.	30	1315		
CMGD	Matanzas.	5	1140		
CMGE	Cardenas.	30	1375		
CMGH	Matanzas.	60	1250		
CMGI	Matanzas.	30	1094		
CMGT	Matanzas.	50	977		
CMHA	Cienfuegos.	200	1154		
CMHB	Sagua la Grande.	10	1500		
CMHC	Tuinucu.	500	790		
CMHD	Caibarien.	250	920		
CMHE	Santa Clara.	20	1429		
CMHH	Cifuentes.	10	870		
CMHI	Santa Clara.	15	1110		
CMHJ	Cituentes	40	645		
CMJA	Camaguey.	10	1332		
CMJB	Ciego de Avila.	20	1276		
CMJC	Camaguey.	15	1321		
CMJE	Camaguey.	5	856		
CMK	Habana.	3000	730		
CMKA	Santiago de Cuba.	20	1450		
CMKB	Santiago de Cuba.	15	1199		
CMKC	Santiago de Cuba.	150	1034		
CMKD	Santiago de Cuba.	20	1100		
CMKE	Santiago de Cuba.	250	1250		
CMKF	Holguin.	30	1363		
CMKG	Santiago de Cuba.	30	1176		
CMKH	Santiago de Cuba.	250	1322		
CMQ	Habana.	250	1150		
CMW	Habana.	700	588		
CMX	Habana.	500	900		

For tonight's big hour, buy new RCA Radiotrons

MEXICAN BROADCASTING STATIONS

Call Letters	TRANSMITTER LOCATION	Power Watts	Kilo-cycles	Dial Setting	Kilocycle Index
XEA	Guadalajara.....	100	1200		
XEB	Mexico City.....	1000	1030		
XEC	Toluca.....	50	1333		
XED	Reynosa.....	10000	961		
XEE	Linares.....	10	1000		
XEF	Oaxaca.....	100	1132		
XEFA	Mexico City.....	250	1250		
XEFE	Nuevo Laredo.....	100	980		
XEG	Mexico City.....	2000	910		
XEH	Mexico City.....	100	1130		
XEI	Morelia.....	100	1000		
XEJ	Ciudad Juarez.....	100	857		
XEK	Mexico City.....	100	990		
XEL	Saltillo.....	10	1090		
XEM	Tampico.....	500	841		
XEN	Mexico City.....	1000	719		
XEO	Mexico City.....	5000	940		
XEP	Nuevo Laredo.....	200	1500		
XEQ	Ciudad Juarez.....	1000	750		
XER	Mexico City.....	100	674		
XES	Tampico.....	500	890		
XET	Monterrey.....	1500	630		
XETA	Mexico City.....	500	1140		
XETF	Vera Cruz.....	500	680		
XEU	Vera Cruz.....	100	800		
XEV	Puebla.....	100	1035		
XEW	Mexico City.....	5000	780		
XEX	Mexico City.....	500	1190		
XEY	Merida.....	100	547		
XEZ	Mexico City.....	500	588		
XFA	Mexico City.....	50	500-600		
XFC	Aguascalientes.....	350	804		
XFE	Villahermosa.....	350	804		
XFF	Chihuahua.....	250	923		
XFG	Mexico City.....	2000	638		
XFH	Mexico City.....	250	—		
XFI	Mexico City.....	1000	818		
XFZ	Mexico City.....	500	860		

Add pep to your radio with new RCA Radiotrons

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

Call Letters	TRANSMITTER LOCATION	Kilo-cycles	Power Watts	Time Difference*
OK1MP1	Prague, Czechoslovakia. Elektra Company	5169	5000	6:00 p.m.
HVJ	Vatican City, Rome, Italy Holy See	5968	8000	6:00 p.m.
W9XF	Downer's Grove, Ill. Great Lakes Broadc't'g Co.	6020	5000	11:00 a.m.
W2XAL	Coytesville, N. J. Aviation Radio Station, Inc.	6040	500	12:00 noon
W3XAU	Byberry, Pa. Universal Broadcasting Co.	6060	500	12:00 noon
W8XAL	Mason, Ohio. Crosley Radio Corporation	6060	250	12:00 noon
UON2	Vienna, Austria. Oesterreichischer Radio	6073	15000	6:00 p.m.
W9XAA	Chicago, Ill. Chicago Federation of Labor	6080	500	11:00 a.m.
W3XAL	Bound Brook, N. J. National Broadcasting Co.	6100	20000	12:00 noon
W2XE	Jamaica, L. I., N. Y. Atlantic Broadcasting Corp.	6120	5000	12:00 noon
KZRM	Manila, P. I. Radio Corp. of Philippines	6130	1000	1:00 a.m.
W8XK	E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co.	6140	40000	12:00 noon
HRB	Tegucigalpa, Honduras. Tropical Radio Tel. Co.	6170	2300	11:00 a.m.
J1AA	Iwatsuki, Japan. Japan Wireless Tel. Co.	7880	...	2:00 a.m.
VK3ME	Melbourne, Australia. Amalgamated Wireless	9510	...	3:00 a.m.
OXY	Lynby, Denmark. Dir. Gen. of Posts & Tel.	9520	500	6:00 p.m.

* Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

Call Letters	TRANSMITTER LOCATION	Kilo-cycles	Power Watts	Time Difference*
W2XAF	Schenectady, N. Y. General Electric Co.	9530	40000	12:00 noon
.....	Koenigswusterhausen, Ger. Deutsche Welle G. M. B. H.	9560	15000	6:00 p.m.
W1XAZ	E. Springfield, Mass. Westinghouse Elec. & Mfg. Co.	9570	10000	12:00 noon
KZRM	Manila, P. I. Radio Corp. of Philippines	9570	1000	1:00 a.m.
W3XAU	Byberry, Pa. Universal Broadcasting Co.	9590	500	12:00 noon
PCJ	Hilversum, Holland Phillips Lamp Works	9590	12000	5:19:32 p.m.
LSX	Buenos Aires, Argentina. Transradio Internacional	10350	12000	1:00 p.m.
VK2ME	Sydney, Australia. Amalgamated Wireless	10520	20000	3:00 a.m.
CJRX	Middlechurch, Manitoba, Can. James Richardson & Sons, Ltd.	11720	2000	11:00 a.m.
XDA	Mexico City, Mexico. National Telegraphs	11728	5000	10:00 a.m.
G5SW	Chelmsford, England. British Broadcasting Corp.	11750	9500	5:00 p.m.
.....	Koenigswusterhausen, Ger. Deutsche Welle, G. M. B. H.	11760	15000	6:00 p.m.
HHP-2	Bangkok, Siam. Min. of Commerce & Com.	11774.2	15000	12:00 m'd't
W2XAL	Coytesville, N. J. Aviation Radio Station, Inc.	11800	500	12:00 noon
I3RO	Rome, Italy. Ente Italiano Audizione Radiofoniche	11800	6:00 p.m.

*Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

ACTIVE RELAY BROADCASTING STATIONS OF THE WORLD SHORT WAVE

Call Letters	TRANSMITTER LOCATION	Kilo-cycles	Power Watts	Time Difference*
W9XAA	Chicago, Ill. Chicago Federation of Labor	11840	500	11:00 a.m.
W2XE	Jamaica, L. I., N. Y. Atlantic Broadcasting Corp.	11840	20000	12:00 noon
W2XK	E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co.	11880	40000	12:00 noon
HVJ	Vatican City, Rome, Italy. Holy See	15120	8000	6:00 p.m.
W2XK	E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co.	15210	40000	12:00 noon
W2XAL	Coytesville, N. J. Aviation Radio Station, Inc.	15250	500	12:00 noon
W2XE	Jamaica, L. I., N. Y. Atlantic Broadcasting Corp.	15280	20000	12:00 noon
W2XAD	Schenectady, N. Y. General Electric Co.	15340	25000	12:00 noon
PHI	Huisen, Holland. Phillips Lamp Works	17775	130000	5:19:32 p.m.
W8XK	E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co.	17780	40000	12:00 noon
W9XAA	Chicago, Ill. Chicago Federation of Labor	17780	500	11:00 a.m.
W2XAL	Coytesville, N. J. Aviation Radio Station, Inc.	21460	500	12:00 noon
W8XK	E. Pittsburgh, Pa. Westinghouse Elec. & Mfg. Co.	21540	40000	12:00 noon

NOTE.—This list of active relay broadcasting stations of the world includes only major stations. There are many additional stations which operate at irregular intervals on low power, but it is believed that the average listener would not be interested in those stations. The list shows stations in all the broadcast bands which will serve as a basic calibration marker from which any other station may be readily picked up.

* Foreign time based on 12:00 Noon E.S.T. N.B.—This does not indicate that these stations broadcast at these times.

STATE INDEX TO BROADCASTING STATIONS

ALABAMA

Birmingham, WBRC*, WKBC,
WAPI Δ
Gadsden, WJBY
Mobile, WODX
Montgomery, WSFA
Talladega, WFDW

ARIZONA

Flagstaff, KFXV
Jerome, KCRJ
Phoenix, KTAR Δ , KOY
Prescott, KPJM
Tucson, KGAR, KVOA

ARKANSAS

Blytheville, KLCN
Fayetteville, KUOA
Ft. Smith, KFPW
Hot Springs, KTHS Δ
Little Rock, KLRA*, KGHI,
KGJF
Paragould, KBTM

CALIFORNIA

Berkeley, KRE
Beverly Hills, KMPC
Burbank, KELW
Culver City, KFVD
El Centro, KXO
Fresno, KMJ
Hayward, KZM
Hollywood, KNX, KFWB
Holy City, KFQU
Inglewood, KMCS
Long Beach, KFOX, KGER
Los Angeles, KFI Δ , KFSG,
KGEF, KGFJ, KHJ*, KTBI,
KECA Δ , KMTR, KTM
Oakland, KLS, KLX, KROW
Pasadena, KPPC, KPSN
Sacramento, KFBK

San Bernardino, KFXM
San Diego, KFSD Δ , KGB
San Francisco, KTAB, KGO Δ ,
KFRC*, KFWI, KJBS, KPO Δ ,
KGGC, KYA
San Jose, KQW
Santa Ana, KREG
Santa Barbara, KDB
Santa Maria, KSMR
Stockton, KGDM, KWG

COLORADO

Colorado Springs, KFUM
Denver, KFEL, KFUP, KFXF,
KOA Δ , KPOF, KLZ*
Edgewater, KFXJ
Fort Morgan, KGEW
Greeley, KFKA
Pueblo, KGHF
Trinidad, KGIW
Yuma, KGEK

CONNECTICUT

Bridgeport, WICC
Hartford, WDRC*, WTIC Δ
Storrs, WCAC

DELAWARE

Wilmington, WDEL, WILM

DISTRICT OF COLUMBIA

Washington, WMAL*, WRC Δ ,
WOL

FLORIDA

Clearwater, WFLA Δ , WSUN Δ
Gainesville, WRUF
Jacksonville, WJAX Δ
Miami Beach, WIOD Δ , WMBF,
WQAM*
Orlando, WDBO*
Pensacola, WCOA
Tampa, WDAE*, WMBR

Δ National Broadcasting Company.

*Columbia Broadcasting System.

GEORGIA

Atlanta, WGST*, WSB Δ
Augusta, WRDW
Columbus, WRBL
Macon, WMAZ
Rome, WFDV
Savannah, WTOC*
Thomasville, WQDX
Tifton, WRBI
Toccoa, WTFI

IDAHO

Boise, KIDO
Idaho Falls, KID
Nampa, KFXD
Pocatello, KSEI
Sandpoint, KGKX
Twin Falls, KTFI

ILLINOIS

Carthage, WCAZ
Chicago, KYW Δ, WAAF,
WBCN, WCFL, WCHI,
WCRW, WEDC, WENR Δ,
WGES, WKBI, WPCC, WGN,
WMAQ*, WMBI, WBBM*,
WSBC, WIBO Δ, WJBT,
WLIB, WLS Δ, KFKX Δ

Cicero, WHFC
Decatur, WJBL
Evanston, WEHS
Galesburg, WKBS
Harrisburg, WEBQ
Joliet, WCLS, WKBB
La Salle, WJBC
Mooseheart, WJJD*
Mount Prospect, WJAZ
Peoria Heights, WMBD
Quincy, WTAD
Rockford, KFLV
Rock Island, WHBF
Springfield, WCBS, WTAX
Tuscola, WDZ
Urbana, WILL
Zion, WCBD

INDIANA

Anderson, WHBU

Connersville, WKBV
Culver, WCMA
Evansville, WGBF
Fort Wayne, WGL*, WOWO*
Gary, WJKS
Hammond, WWAE
Indianapolis, WFBM*, WKBF
La Porte, WRAF
Marion, WJAK
Muncie, WLBC
South Bend, WSBT
Terre Haute, WBOW
W. Lafayette, WBAA

IOWA

Ames, WOI
Boone, KFGQ
Cedar Rapids, KWCR
Clarinda, KSO
Council Bluffs, KOIL*
Davenport, WOC Δ
Decorah, KGCA, KWLC
Des Moines, WHO Δ
Ft. Dodge, KFJY
Iowa City, WSUI
Marshalltown, KFJB
Muscatine, KTNT
Ottumwa, WIAS
Red Oak, KICK
Shenandoah, KFNF, KMA
Sioux City, KSCJ*
Waterloo, WMT*

KANSAS

Dodge City, KGNO
Kansas City, WLBF
Lawrence, KFKU, WREN Δ
Manhattan, KSAC
Milford, KFKB
Topeka, WIBW*
Wichita, KFH*

KENTUCKY

Covington, WCKY Δ
Hopkinsville, WFIW
Louisville, WHAS Δ, WLAP
Paducah, WPAD

LOUISIANA

Monroe, KMLB
New Orleans, WABZ, WJBO,
WJBW, WSMB△, WWL,
WDSU*
Shreveport, KTSL, KWEA,
KRMD, KTBS, KWKH

MAINE

Augusta, WRDO
Bangor, WABI, WLBZ*
Portland, WCSH△

MARYLAND

Baltimore, WCAO*, WCBM,
WBAL△, WFBR
Cumberland, WTBO

MASSACHUSETTS

Boston, WBZA△, WEEL△,
WNAC*, WSSH, WLOE,
WBIS, WHDH,
Fall River, WSAR
Lexington, WLEX, WLEY
Needham, WBSO
New Bedford, WNBH
South Dartmouth, WMAF
Springfield, WBZ△
Worcester, WTAG△, WORC*,
WEPS

MICHIGAN

Battle Creek, WELL
Bay City, WBCM*
Berrien Springs, WKZO
Calumet, WHDF
Detroit, WMBC, WWJ△,
WJR△, WXYZ*
East Lansing, WKAR
Flint, WFDF
Grand Rapids, WASH, WOOD
Highland Park, WJBK
Jackson, WIBM
Lapeer, WMPC
Ludington, WKBZ
Royal Oak, WEXL

MINNESOTA

Fergus Falls, KGDE
Minneapolis, WDGy, WHDI,

WLB, WRHM, WCCO*,
WGMS
Moorhead, KGFK
Northfield, KFMX, WCAL
St. Paul, KSTP△

MISSISSIPPI

Greenville, WRBQ
Gulfport, WGCM
Hattiesburg, WRBJ
Jackson, WJDX△
Meridian, WCOC
Tupelo, WDIX

MISSOURI

Cape Girardeau, KFVS
Clayton, KFUO
Columbia, KFRU
Grant City, KGIZ
Jefferson City, WOS
Joplin, WMBH
Kansas City, KWKC, WDAF△,
WOQ, WHB, KMBC*
St. Joseph, KGBX, KFEQ
St. Louis, KFWF, KSD△,
KWK△, WEW, WIL,
KMOX*

MONTANA

Billings, KGHL
Butte, KGIR
Great Falls, KFBB
Kalispell, KGEZ
Wolf Point, KGcX

NEBRASKA

Clay Center, KMMJ
Lincoln, KFAB△, KFOR, WCAJ
Norfolk, WJAG
North Platte, KGNF
Omaha, WAAW, WOW△
Ravenna, KGFw
Scottsbluff, KGKY
York, KGBZ

NEVADA

Las Vegas, KGIX
Reno, KOH*

NEW HAMPSHIRE

Laconia, WKAV

NEW JERSEY

Asbury Park, WCAP
Atlantic City, WPG*
Camden, WCAM
Hackensack, WBMS
Jersey City, WAAT, WKBO,
WHOM
Newark, WAAM, WGCP,
WNJ, WOR
Paterson, WODA
Red Bank, WJBI
Trenton, WOAX

NEW MEXICO

Albuquerque, KGGM
Raton, KGFL
State College, KOB

NEW YORK

Albany, WOKO*
Auburn, WMBO
Binghamton, WNBK
Brooklyn, WBBC, WBBR,
WLTH, WMBQ, WCLB,
WCGU, WFOX
Buffalo, WEBR, WGR*,
WKBW*, WSVS, WMAK,
WBEN Δ
Canton, WCAD
Freeport, WGBB
Glens Falls, WBGF
Ithaca, WLCI, WEAI
Jamaica, WMRJ
Jamestown, WOCL
Long Island City, WLTX
New York, WBNX, WHN,
WJZ Δ, WMCA, WMSG,
WNYC, WPCH, WRNY,
WABC*, WOV, WQAO,
WLWL, WBOQ, WCDA,
WEAF Δ, WEVD, WGBS,
WHAP, WPAP
Patchogue, WPOE

Rochester, WHAM Δ, WHEC*
WABO
Saranac Lake, WNBZ
Schenectady, WGY Δ
Syracuse, WFBL*, WSYR,
WMAC
Troy, WHAZ
Tupper Lake, WHDL
Utica, WIBX
Woodside, WWRL
Yonkers, WCOH

NORTH CAROLINA

Asheville, WWNC*
Charlotte, WBT*
Gastonia, WSOC
Greensboro, WBIG
Raleigh, WPTF Δ
Wilmington, WRBT
Winston-Salem, WSJS

NORTH DAKOTA

Bismarck, KFYZ Δ
Devils Lake, KDLR
Fargo, WDAY Δ
Grand Forks, KFJM
Mandan, KGCU
Minot, KLPM

OHIO

Canton, WHBC
Cincinnati, WKRC*, WSAI Δ,
WLW Δ, WFBE
Cleveland, WHK*, WJAY,
WTAM Δ, WGAR
Columbus, WAIU*, WCAH*,
WEAO, WSEN
Dayton, WSMK
Mansfield, WJW
Mt. Orab, WHBD
Steubenville, WIBR
Tallmadge, WADC*
Toledo, WSPD*
Youngstown, WKBN*
Zanesville, WALR

OKLAHOMA

Alva, KGFF
Chickasha, KOCW
Elk City, KGMP
Enid, KCRC
Norman, WNAD
Oklahoma City, KFJF*, KFXR,
KGFG, WKY Δ
Ponca City, WBBZ
South Coffeyville, KGGF
Tulsa, KVOO Δ

OREGON

Astoria, KFJI
Corvallis, KOAC
Eugene, KORE
Marshfield, KOOS
Medford, KMED
Portland, KEX, KOIN*, KBPS,
KFJR, KGW Δ, KTBR,
KWJJ, KXL

PENNSYLVANIA

Allentown, WCBA, WSN
Altoona, WFBG
Carbondale, WNBW
Elkins Park, WIBG
Erie, WEDH
Grove City, WSAJ
Harrisburg, WBAK, WCOD,
WHP*
Johnstown, WJAC
Lancaster, WGAL, WKJC
Lewisburg, WJBU
Oil City, WLBW*
Philadelphia, WCAU*, WFI Δ,
WIP, WLIT Δ, WRAX,
WPEN, WFAN*, WELK,
WHAT, WTEL
Pittsburgh, KQV, WCAE Δ,
WJAS*, KDKA Δ
Reading, WRAW
Scranton, WGBI, WQAN
Silver Haven, WNBO
State College, WPSC
Wilkes-Barre, WBAX, WBRE
Williamsport, WRAK

RHODE ISLAND

Newport, WMBA
Pawtucket, WPAW
Providence, WEAN*, WJAR Δ,
WDWF, WLSI

SOUTH CAROLINA

Charleston, WCSC
Columbia, WIS
Spartanburg, WSPA

SOUTH DAKOTA

Brookings, KFDY
Huron, KGDY
Mitchell, KGDA
Pierre, KGFX
Rapid City, WCAT
Sioux Falls, KSOO
Vermilion, KUSD
Watertown, KGCR
Yankton, WNAX*

TENNESSEE

Bristol, WOPI
Chattanooga, WODD*
Knoxville, WFBC, WROL,
WNOX
Memphis, WGBC, WHBQ,
WMC Δ, WNBR, WREC*
WOAN
Nashville, WLAC*, WSM Δ
Springfield, WSIX
Union City, WOBT

TEXAS

Abilene, KFYO
Amarillo, KGRS, WDAG
Austin, KUT
Beaumont, KFDM
Brownsville, KWWG
Brownwood, KGKB
College Station, WTAW
Corpus Christi, KGFI
Dallas, KRLD*, WFAA Δ,
WRR*
Dublin, KFPL
El Paso, WDAH, KTSM

TEXAS (Cont'd)

Fort Worth, KFJZ, WBAP Δ,
KTAT
Galveston, KFLX, KFUL
Greenville, KFPM
Harlingen, KRGV
Houston, KTRH*, KPRC Δ,
KTLC, KXYZ
San Angelo, KGKL
San Antonio, KONO, KTAP,
KTSA*, WOAI Δ, KMAC
Waco, WACO*
Wichita Falls, KGKO

UTAH

Ogden, KLO
Salt Lake City, KDYL*, KSL Δ

VERMONT

Burlington, WCAX
Rutland, WSYB
Springfield, WNBX
St. Albans, WQDM

VIRGINIA

Alexandria, WJSV
Arlington, NAA
Danville, WBTM
Emory, WEHC
Lynchburg, WLVA
Newport News, WGH
Norfolk, WTAR*, WPOR
Petersburg, WLBG
Richmond, WBBL, WMBG,
WRVA Δ
Roanoke, WDBJ*, WRBX

WASHINGTON

Aberdeen, KXRO
Bellingham, KVOS
Everett, KFBL

Lacey, KGY
Pullman, KWSC
Seattle, KOL*, KFQW, KJR,
KOMO Δ, KPCB, KRSC,
KTW, KVL, KXA
Spokane, KFIO, KFPY*, KGA,
KHQ Δ
Tacoma, KMO, KVI*
Walla Walla, KUJ
Wenatchee, KPQ
Yakima, KIT

WEST VIRGINIA

Bluefield, WHIS
Charleston, WOBU
Fairmont, WMMN
Huntington, WSAZ
Wheeling, WWVA

WISCONSIN

Eau Claire, WTAQ*
Fond du Lac, KFIZ
Green Bay, WHBY
Janesville, WCLO
La Crosse, WKBH
Madison, WHA, WIBA
Manitowoc, WOMT
Milwaukee, WHAD, WISN*,
WTMJ Δ
Poynette, WIBU
Racine, WRJN
Sheboygan, WHBL
South Madison, WISJ
Stevens Point, WLBL
Superior, WEBC Δ

WYOMING

Casper, KDFN



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