

**MID-WINTER  
1933-34 ISSUE**

**New Stations  
Latest Changes**

**10¢**

# **WHITE'S RADIO LOG**



## **BROADCASTING STATIONS**

**OF THE  
UNITED STATES  
CANADA  
MEXICO  
CUBA**

**ALSO**

**SHORT WAVE RELAY STATIONS  
TELEVISION STATIONS  
AIR LINE DISTANCES  
TIME ZONE MAP**

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## MID-WINTER EDITION 1933-34

This Issue Contains the Latest List of United States, Canadian,  
Mexican and Cuban Broadcasting Stations

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# UNITED STATES BROADCASTING STATIONS

ARRANGED ALPHABETICALLY BY CALL LETTERS

Abbreviations: C. P., construction permit; K. W., thousand watts; M., thousand; W. L., wave length in meters; K. C., frequency in kilocycles; W. P., watt power of station. Watt power listed is that used in evening broadcasting.

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Call Letters		W.L.	K.C.	W.P.
WAAB	Bay State Broadcasting Corp., Boston, Mass.	212.6-	1410-	500
WAAF	Drovers Journal Pub. Co., Chicago, Ill.	325.9-	920-	500
WAAM-WODA	See WODA-WAAM			
WAAT	Bremer Broadcasting Corp., Jersey City, N. J.	319.0-	940-	300
WAAW	Omaha Grain Exchange, Omaha, Nebr.	454.3-	660-	500
WABC-WBOQ	Atlantic Brdctg. Corp., New York, N.Y.	348.6-	860-	50000
WABI	First Universalist Soc. of Bangor, Bangor, Me.	249.9-	1200-	100
WACO	Central Texas Brdctg. Co., Inc., Waco, Texas	211.1-	1420-	100
WADC	Allen T. Simmons, Tallmadge, Ohio	227.1-	1320-	1000
WAGM	Aroostook Brdctg. Corp., Presque Isle, Me.	211.1-	1420-	100
WAIU	Associated Radiocasting Corp., Columbus, Ohio	468.5-	640-	500
WALR	WALR Broadcasting Corp., Zanesville, Ohio	247.8-	1210-	100
WAMC	Raymond C. Hammett, Anniston, Ala.	211.1-	1420-	100
WAML	The Southland Radio Corp., Laurel, Miss.	228.9-	1310-	100
WAPI	WAPI Brdctg. Corp., Birmingham, Ala. (C.P. 25K.W.)	263.0-	1140-	5000
WASH	Kunsky-Trendle Brdctg. Corp., Grand Rapids, Mich.	236.1-	1270-	500
WAWZ	Pillar of Fire, Zarephath, N. J.	222.1-	1350-	250
WAZL	Hazleton Broadcasting Service, Inc., Hazleton, Pa.	211.1-	1420-	100
WBAA	Purdue University, W. Lafayette, Ind.	214.2-	1400-	500
WBAK	Penna. State Police, Harrisburg, Pa.	209.7-	1430-	1000
WBAL	Cons. Gas, Elect. Light & Pwr. Co., Baltimore, Md.	282.8-	1060-	10000
WBAP	Carter Publications, Inc., Ft. Worth, Texas	374.8-	800-	50000
WBAX	John H. Stenger, Jr., Wilkes-Barre, Pa.	247.8-	1210-	100
WBBC	Brooklyn Broadcasting Corp., Brooklyn, N. Y.	214.2-	1400-	500
WBBL	Grace Covenant Pres. Church, Richmond, Va.	247.8-	1210-	100
WBBM	WBBM Broadcasting Corp., Chicago, Ill.	389.4-	770-	25000
WBBR	Peoples Pulpit Assn., Brooklyn, N. Y.	230.6-	1300-	1000
WBBX	Samuel D. Reeks, New Orleans, La.	249.9-	1200-	100
WBBZ	C. L. Carrell, Ponca City, Okla.	249.9-	1200-	100
WBCM	James E. Davidson, Bay City, Mich.	212.6-	1410-	500
WBEN	WBEN, Inc., Buffalo, N. Y.	333.1-	900-	1000
WBEO	The Lake Superior Brdctg. Co., Marquette, Mich.	228.9-	1310-	100
WBHS	Radio Station WBHS, Inc., Huntsville, Ala.	249.9-	1200-	100
WBIG	No. Carolina Brdctg. Co., Inc., Greensboro, N. C.	208.2-	1440-	500
WBNX	Standard Cahill Co., Inc., New York, N. Y.	222.1-	1350-	250
WBOO-WABC	See WABC-WBOQ			
WBOW	Banks of Wabash, Inc., Terre Haute, Ind.	228.9-	1310-	100
WBRC	Frank M. King as Receiver of the Birmingham Brdctg. Co., Birmingham, Ala.	322.4-	930-	500
WBRE	Louis G. Baltimore, Wilkes-Barre, Pa.	228.9-	1310-	100
WBSO	Brdctg. Service Organization, Inc., Needham, Mass.	325.9-	920-	500
WBT	Station WBT Inc., Charlotte, N. C.	277.6-	1080-	25000
WBTM	Piedmont Broadcasting Corp., Danville, Va.	218.8-	1370-	100
WBZ	Westinghouse E. & M. Co., Boston, Mass.	302.8-	990-	25000
WBZA	Westinghouse E. & M. Co., Boston, Mass.	302.8-	990-	1000
WCAC	Conn. Agri. College, Storrs, Conn.	499.7-	600-	250
WCAD	St. Lawrence University, Canton, N. Y.	245.8-	1220-	500
WCAE	WCAE Inc., Pittsburgh, Pa.	245.8-	1220-	1000
WCAH	Commercial Radio Service Co., Columbus, Ohio	209.7-	1430-	500
WCAL	St. Olaf College, Northfield, Minn.	239.9-	1250-	1000
WCAM	City of Camden, Camden, N. J.	234.2-	1280-	500
WCAO	Monumental Radio Co., Baltimore, Md.	499.7-	600-	250
WCAP	Radio Industries Brdctg. Co., Asbury Park, N. J.	234.2-	1280-	500
WCAT	S. D. State School of Mines, Rapid City, S. D.	249.9-	1200-	100



Call Letters		W.L.	K.C.	W.P.
WCAU	WCAU Broadcasting Co., Philadelphia, Pa.	256.3-	1170-	50000
WCAX	Burlington Daily News Inc., Burlington, Vt.	249.9-	1200-	100
WCZA	Superior Brdcastg. Service, Inc., Carthage, Ill.	280.2-	1070-	50
WCBA	B. Bryan Musselmann, Allentown, Pa.	208.2-	1440-	250
WCBD	Wilbur Glenn Voliva, Zion, Ill.	277.6-	1080-	5000
WCBM	Baltimore Broadcasting Corp., Baltimore, Md.	218.8-	1370-	100
WCBS	WCBS, Inc., Springfield, Ill.	247.8-	1210-	100
WCCO	Northwestern Brdcastg. Co., Minneapolis, Minn.	370.2-	810-	50000
WCFL	Chicago Fed. of Labor, Chicago, Ill.	309.1-	970-	1500
WCFG	U. S. Broadcasting Corp., Brooklyn, N. Y.	214.2-	1400-	500
WCKY	L. B. Wilson, Inc., Covington, Ky.	201.2-	1490-	5000
WCLO	WCLO Radio Corp., Janesville, Wisc.	249.9-	1200-	100
WCLS	WCLS, Inc., Joliet, Ill.	228.9-	1310-	100
WCNW	Arthur Faske, Brooklyn, N. Y.	199.9-	1500-	100
WCOA	Pensacola Brdcastg. Co., Pensacola, Fla.	223.7-	1340-	500
WCOC	Mississippi Brdcastg. Co., Inc., Meridian, Miss.	340.7-	880-	500
WCRW	Clinton R. White, Chicago, Ill.	247.8-	1210-	100
WCSC	So. Carolina Brdcastg. Co., Inc., Charleston, S. C.	220.4-	1360-	500
WCSH	Congress Sq. Hotel Co., Portland, Me.	219.0-	940-	1000
WDAE	Tampa Publishing Co., Tampa, Fla.	245.8-	1220-	1000
WDAF	Kansas City Star Co., Kansas City, Mo.	491.5-	610-	1000
WDAG	Nat. Radio & Brdcastg. Corp., Amarilla, Tex.	212.6-	1410-	1000
WDAH	Tri-State Brdcastg. Co., Inc., El Paso, Texas	228.9-	1310-	100
WDAS	WDAS Broadcasting Station, Inc., Philadelphia, Pa.	218.8-	1370-	100
WDAY	WDAY, Inc., Fargo, N. Dak.	319.0-	940-	1000
WDBJ	Times-World Corp., Roanoke, Va.	322.4-	930-	500
WDBO	Orlando Brdcastg. Co., Inc., Orlando, Fla.	516.9-	580-	250
WDEL	WDEL Inc., Wilmington, Del.	267.7-	1120-	250
WDEV	Harry C. Whitehill, Waterbury, Vt.	545.1-	550-	500
WDGY	Dr. Geo. W. Young, Minneapolis, Minn.	254.1-	1180-	1000
WDOD	WDOD Brdcastg. Corp., Chattanooga, Tenn.	234.2-	1280-	1000
WDRC	WDRC Inc., Hartford, Ct.	225.4-	1330-	1000
WDSU	Joseph H. Uhalt, New Orleans, La.	239.9-	1250-	1000
WDZ	James L. Bush, Tuscola, Ill.	280.2-	1070-	100
WEAF	National Brdcastg. Co., Inc., New York, N. Y.	454.3-	660-	50000
WEAN	Shepard Brdcastg. Service, Inc., Providence, R. I.	384.4-	780-	500
WEBC	Head of the Lakes Brdcastg. Co., Superior, Wis.	232.4-	1290-	1000
WEBQ	Harrisburg Brdcastg. Co., Harrisburg, Ill.	247.8-	1210-	100
WEBR	Howell Brdcastg. Co., Inc., Buffalo, N. Y.	228.9-	1310-	100
WEDC	Emil Denmark, Inc., Chicago, Ill.	247.8-	1210-	100
WEED	William Avera Wynne, Greenville, N. C.	211.1-	1420-	100
WEEL	Edison Electric Illum. Co. of Boston, Boston, Mass.	508.2-	590-	1000
WEEU	Berks Broadcasting Co. (A Corporation), Reading, Pa.	361.2-	830-	1000
WEHC	Community Broadcasting Corp., Charlottesville, Va.	222.1	1350	500
WEHS	WEHS, Inc., Cicero, Ill.	211.1-	1420-	100
WENC	American Broadcasting Corp., Americus, Ga.	211.1-	1420-	100
WENR	National Broadcasting Co., Inc., Chicago, Ill.	344.6-	870-	50000
WESG	Cornell University, Elmira, N. Y.	288.3-	1040-	1000
WEVD	Debs Memorial Radio Fund, Inc., New York, N. Y.	230.6-	1300-	500
WEW	St. Louis University, St. Louis, Mo.	394.5-	760-	1000
WEXL	Royal Oak Brdcastg. Co., Royal Oak, Mich.	228.9-	1310-	50
WFAA	Dallas News & Journal, Dallas, Tex.	374.8-	800-	50000
WFAB	Fifth Ave. Brdcastg. Corp., New York, N. Y.	230.6-	1300-	1000
WFAM	The South Bend Tribune, So. Bend, Ind.	249.9-	1200-	100
WFAS	Westchester Brdcastg. Corp., White Plains, N. Y.	247.8-	1210-	100
WFBC	Greenville-News Piedmont Co., Greenville, S. C.	249.9-	1200-	100
WFBE	Radio Station WFBE, Inc., Cincinnati, Ohio	249.9-	1200-	100
WFBG	The Gable Brdcastg. Co. (Les.) Altoona, Pa. (C.P. 250)	228.9-	1310-	100
WFBL	Onondaga Radio Brdcastg. Corp., Syracuse, N. Y. (C.P. 2500)	220.4-	1360-	1000

Call Let'rs		W.L.	K.C.	W.P.
WFBB	Indianapolis Power & Lt. Co., Indianapolis, Ind.	243.8-	1230-	1000
WFBR	Baltimore Radio Show Inc., Baltimore, Md.	236.1-	1270-	500
WFDF	Flint Broadcasting Co., Flint, Mich.	228.9-	1310-	100
WFDV	Rome Brdctsg. Corp., Rome, Ga.	199.9-	1500-	100
WFEA	New Hamp. Brdctsg. Co., Manchester, N. H.	209.7-	1430-	500
WFI	WFI Broadcasting Co., Philadelphia, Pa. (C.P. 1000)	535.4-	560-	500
WFIW	WFIW, Inc., Hopkinsville, Ky.	319.0-	940-	1000
WFLA	Clearwater Ch. of Commerce, Clearwater, Fla.	483.6-	620-	1000
WFOX	Paramount Brdctsg. Corp., Brooklyn, N. Y.	214.2-	1300-	500
WGAL	WGAL, Inc., Lancaster, Pa.	228.9-	1310-	100
WGAR	WGAR Broadcasting Co., Inc., Cleveland, Ohio	206.8-	1450-	500
WGBB	Harry H. Carman, Freeport, N. Y.	247.8-	1210-	100
WGBF	Evansville on the Air, Inc., Evansville, Ind.	475.9-	630-	500
WGBI	Scranton Broadcasters, Inc., Scranton, Pa.	340.7-	880-	250
WGCM	Great So. Land Co., Mississippi City, Miss.	247.8-	1210-	100
WGCP	May Radio Broadcast Corp., Newark, N. J.	239.9-	1250-	250
WGES	Oak Leaves Brdctsg. Station, Inc., Chicago, Ill.	220.4-	1360-	500
WGH	Hampton Road Brdctsg. Corp., Newport News, Va.	228.9-	1310-	100
WGL	Fred C. Zieg (Allen Wayne Co.) Ft. Wayne, Ind.	218.8-	1370-	100
WGLC	O. T. Griffin and G. F. Bissell, Glen Falls, N. Y.	218.8-	1370-	100
WGN	WGN, Inc., Chicago, Ill.	416.4-	720-	25000
WGNY	Peter Goelet, Chester Township, N. Y.	247.8-	1210-	100
WGR	Buffalo Brdctsg. Corp., Buffalo, N. Y.	545.1-	550-	1000
WGST	Georgia School of Technology, Atlanta, Ga.	336.9-	890-	250
WGY	General Electric Co., Schenectady, N. Y.	379.5	790-	50000
WHA	University of Wisconsin, Madison, Wisc.	319.0-	940-	1000
WHAD	Marquette University, Milwaukee, Wisc.	267.7-	1120-	250
WHAM	Stromberg-Carlson Tel. Mfg. Co., Rochester, N. Y.	260.7-	1150-	25000
WHAS	The Courier-Journal Co. and the Louisville Times, Louisville, Ky.	365.5-	820-	25000
WHAT	Independent Brdctsg. Co., Philadelphia, Pa.	228.9-	1310-	100
WHAT	Rensselaer Poly. Inst., Troy, N. Y.	230.6-	1300-	500
WHB	WHB Brdctsg. Co., Kansas City, Mo.	348.6-	860-	500
WHBC	Edward P. Graham, Canton, Ohio	249.9-	1200-	100
WHBD	F. P. Moler, Mt. Orab, Ohio	218.8-	1370-	100
WHBF	Rock Island Brdctsg. Co., Rock Island, Ill.	247.8-	1210-	100
WHBL	Press Pub. Co., Sheboygan, Wis.	212.6-	1410-	500
WHBQ	Brdctsg. Station WHBQ, Inc., Memphis, Tenn.	218.8-	1370-	100
WHBU	Anderson Brdctsg. Corp., Anderson, Ind.	247.8-	1210-	100
WHBY	WHBY, Inc., Green Bay, Wisc.	249.9-	1200-	100
WHDF	Upper Mich. Brdctsg. Co., Calumet, Mich.	218.8-	1370-	100
WHDH	Matheson Radio Co., Inc., Boston, Mass.	361.2-	830-	1000
WHDL	Tupper Lake Brdctsg. Co. Inc., Tupper Lake, N. Y.	211.1-	1420-	100
WHEB	Granite State Brdctsg. Corp., Portsmouth, N. H.	405.2-	740-	250
WHEC	WHEC, Inc., Rochester, N. Y. (C.P. 1000)	208.2-	1440-	500
WHEF	Attala Milling & Produce Co., Kosciusko, Miss.	199.9-	1500-	100
WHET	Troy Broadcasting Co., Troy, Ala.	247.9-	1210-	100
WHFC	WHFC Inc., Cicero, Ill.	211.1-	1420-	100
WHIS	Daily Telegraph Printing Co., Bluefield, W. Va.	212.6-	1410-	250
WHK	Radio Air Service Corp., Cleveland, Ohio	215.7-	1390-	1000
WHN	Marcus Loew Booking Agency, New York, N. Y.	296.9-	1010-	250
WHO-WOC	See WOC-WHO			
WHOM	New Jersey Brdctsg. Corp., Jersey City, N. J.	206.8-	1450-	250
WHP	WHP Inc., Harrisburg, Pa.	209.7-	1430-	500
WIAS	Iowa Broadcasting Co., Ottumwa, Iowa	228.9-	1310-	100
WIBA	Badger Brdctsg. Co., Madison, Wisc.	234.2-	1280-	500
WIBG	WIBG Inc., Elkins Park, Pa.	309.1-	970-	100
WIBM	WIBM, Inc., Jackson, Michigan	218.8-	1370-	100
WIBU	Wm. C. Forrest, Poynette, Wisc.	247.8-	1210-	100
WIBW	Topeka Brdctsg. Assoc., Inc., Topeka, Kans.	516.9-	580-	1000
WIBX	WIBX, Inc., Utica, N. Y.	249.9-	1200-	100

Call Let'rs		W.L.	K.C.	W.P.
WICC	Bridgeport Brdcastg. Co. Inc., Bridgeport, Conn.	499.7-	600-	250
WIL	Missouri Brdcastg. Corp., St. Louis, Mo.	249.9-	1200-	100
WILL	University of Illinois, Urbana, Ill.	336.9-	890-	250
WILM	Delaware Brdcastg. Co., Inc., Wilmington, Del.	211.1-	1420-	100
WIND	Johnson-Kennedy Radio Corp., Gary, Ind.	535.4-	560-	1000
WINS	American Radio News Corp., New York, N. Y.	254.2-	1180-	500
WIOD-WMBF	Isle of Dreams Brdcastg. Co., Miami, Fla.	230.6-	1300-	1000
WIP	Penna. Brdcastg. Co., Inc., Philadelphia, Pa.	491.5-	610-	500
WIS	Station WIS, Inc., Columbia, S. C. (C.P. 1050 Kc. 1 Kw.)	296.9-	1010-	500
WISN	American Radio News Corp., Milwaukee, Wisc.	267.7-	1120-	250
WJAC	WJAC, Inc., Johnstown, Pa.	228.9-	1310-	100
WJAG	Norfolk Daily News, Norfolk, Nebr.	282.8-	1060-	1000
WJAR	The Outlet Co., Providence, R. I.	336.9-	890-	500
WJAS	Pittsburgh Radio Supply House, Pittsburgh, Pa.	232.4-	1290-	1000
WJAX	City of Jacksonville, Jacksonville, Fla.	333.1-	900-	1000
WJAY	Cleveland Radio Brdcastg. Corp., Cleveland, Ohio	491.5-	610-	500
WJBC	Kaskaskia Brdcastg. Co., La Salle, Ill.	249.9-	1200-	100
WJBI	Monmouth Brdcastg. Co., Red Bank, N. J.	247.8-	1210-	100
WJBK	James F. Hopkins, Inc., Detroit, Mich.	218.8-	1370-	100
WJBL	Commodore Broadcastings, Inc., Decatur, Ill.	249.9-	1200-	100
WJBO	Baton Rouge Brdcastg. Co., Inc., New Orleans, La.	211.1-	1420-	100
WJBU	Charles S. Blue, Sunbury, Pa.	247.8-	1210-	100
WJBW	C. Carlson, New Orleans, La.	249.9-	1200-	100
WJBY	Gadsden Brdcastg. Co., Inc., Gadsden, Ala.	247.8-	1210-	100
WJDX	Lamar Life Ins. Co., Jackson, Miss.	236.1-	1270-	1000
WJEJ	Hagerstown Broadcasting Co., Hagerstown, Md.	247.8-	1210-	100
WJEM	Britt A. Rogers, Jr., Tupelo, Miss. (C.P. only)	302.8-	990-	500
WJJD	WJJD, Inc., Mooseheart, Ill.	265.3-	1130-	2000
WJMS	WJMS, Inc., Ironwood, Mich.	211.1-	1420-	100
WJR	WJR, The Goodwill Station, Inc., Detroit, Mich.	399.8-	750-	1000
WJSV	The Old Dominion Brdcastg. Co., Alexandria, Va.	205.4-	1460-	1000
WJTL	Oglethorpe University, Oglethorpe, Ga.	218.8-	1370-	100
WJW	WJW, Inc., Akron, Ohio	247.8-	1210-	100
WJZ	National Broadcasting Co., Inc., New York, N. Y.	394.5-	760-	5000
WKAQ	Radio Corp. of Porto Rico, San Juan, P. R.	241.8-	1240-	1000
WKAR	Michigan State College, E. Lansing, Mich.	288.3-	1040-	1000
WKBB	Sanders Bros. Radio Station, Joliet, Ill. (C. P. 1500)	228.9-	1310-	100
WKBC	R. B. Broyles Furniture Co., Birmingham, Ala.	228.9-	1310-	100
WKBF	Indianapolis Brdcastg. Inc., Indianapolis, Ind.	214.2-	1400-	500
WKBH	WKBH, Inc., La Crosse, Wisc.	217.3-	1380-	1000
WKBI	WKBI Inc., Cicero, Ill.	211.1-	1420-	100
WKBN	WKBN Brdcastg. Corp., Youngstown, Ohio	526.0-	570-	500
WKBO	Keystone Brdcastg. Corp., Harrisburg, Pa.	249.9-	1200-	100
WKBV	Knox Battery & Elec. Co., Richmond, Ind.	199.9-	1500-	100
WKBW	Buffalo Brdcastg. Corp., Buffalo, N. Y.	202.6-	1480-	5000
WKBZ	K. L. Ashbacher, Ludington, Mich	199.9-	1500-	100
WKEU	Radio Station WKEU, La Grange, Ga.	199.9-	1500-	100
WKFI	J. Pat Scully, Greenwood, Miss.	247.8-	1210-	100
WKJC	Lancaster Brdcastg. Service, Inc., Lancaster, Pa.	249.9-	1200-	100
WKOK	Bucknell University, Sunbury, Pa.	247.8-	1210-	100
WKRC	WKRC, Inc., Cincinnati, Ohio	545.1-	550-	1000
WKY	WKY Radiophone Co., Oklahoma City, Okla.	333.1-	900-	1000
WKZO	WKZO, Inc., Kalamazoo, Mich.	508.2-	590-	1000
WLAC	Life & Casualty Insurance Co. of Tenn., Nashville, Tenn.	204.0-	1470-	5000
WLAP	American Brdcastg. Corp. of Ky., Louisville, Ky.	249.9-	1200-	100
WLB	University of Minnesota, Minneapolis, Minn.	239.9-	1250-	1000
WLBC	Donald A. Burton, Muncie, Ind.	228.9-	1310-	100
WLBF	WLBF Brdcastg. Co., Kansas City, Kansas	211.1-	1420-	100
WLBL	St. of Wis. Dept. Agri. & Markets, Stevens Pt., Wis.	331.1-	900-	2000
WLBW	Broadcasters of Penna., Inc., Erie, Pa.	238.0-	1260-	500

Call Let'rs		W.L.	K.C.	W.P.
WLBZ	Maine Brdcastg. Co., Inc., Bangor, Me.	483.6-	620-	500
WLCI	Lutheran Assn. of Ithaca, Ithaca, N. Y.	247.8-	1210-	50
WLEC	Casco Bay Broadcasting Co., Portland, Me. (C.P. only)	223.7-	1340-	250
WLEU	Leo J. Omelian, Era, Pa. (C.P.)	211.1-	1420-	100
WLEY	Albert S. Moffat, Lexington, Mass.	218.8-	1370-	100
WLIT	Lit Bros. Brdcastg. System, Inc., Philadelphia, Pa.	535.4-	560-	500
WLOE	Boston Brdcastg. Co., Boston, Mass.	199.9-	1500-	100
WLS	Agricultural Broadcasting Co., Chicago, Ill.	344.6-	870-	50000
WLTH	Voice of Brooklyn, Inc., Brooklyn, N. Y.	214.2-	1400-	500
WLVA	Lynchburg Brdcastg. Corp., Lynchburg, Va.	218.8-	1370-	100
WLW	Crosley Radio Corp., Cincinnati, Ohio	428.3-	700-	50000
WLWL	Missionary Soc. of St. Paul the Apostle, N. Y. City	272.6-	1100-	5000
WMAC-WSYR	See WSYR-WMAC			
WMAL	National Broadcasting Co., Inc. (Lessee), Wash- ton, D. C.	475.9-	630-	250
WMAQ	National Broadcasting Co., Inc., Chicago, Ill.	447.5-	670-	5000
WMAS	WMAS, Inc., Springfield, Mass.	211.1-	1420-	100
WMAZ	Southeastern Brdcastg. Co., Inc., Macon, Ga.	254.1-	1180-	500
WMBC	Michigan Brdcastg. Co., Detroit, Mich.	211.1-	1420-	100
WMBD	Peoria Brdcastg. Co. Peoria Heights, Ill.	208.2-	1440-	500
WMBF-WIOD	See WIOD-WMBF			
WMBG	Havens & Martin, Inc., Richmond, Va.	247.8-	1210-	100
WMBH	W. M. Robertson, Joplin, Mo.	211.1-	1420-	100
WMBI	Moody Bible Inst. Radio Station, Chicago, Ill.	277.6-	1080-	5000
WMBO	WMBO, Inc., Auburn, N. Y.	228.9-	1310-	100
WMBQ	Paul J. Gollhofer, Brooklyn, N. Y.	199.9-	1500-	100
WMBR	F. J. Reynolds, Tampa, Fla.	218.8-	1370-	100
WMC	WMC, Inc., Memphis, Tenn.	384.4-	780-	500
WMCA	Knickerbocker Brdcastg. Co., Inc. New York, N. Y.	526.0-	570-	500
WMMN	A. M. Rowe, Inc., Fairmont, W. Va.	336.9-	890-	250
WMPC	First Meth. Protestant Ch., Lapeer, Mich.	199.9-	1500-	100
WMT	Waterloo Broadcasting Co., Waterloo, Iowa	499.7-	600-	500
WNAC	Shepard Brdcastg. Service, Inc., Boston, Mass.	243.8-	1230-	1000
WNAD	University of Oklahoma, Norman, Okla.	296.9-	1010-	500
WNAX	The House of Gurney Inc., Yankton, S. Dak.	526.0-	570-	1000
WNBf	Howitt-Wood Radio Co., Inc., Binghamton, N. Y.	199.9-	1500-	100
WNBH	New Bedford Brdcastg. Co., New Bedford, Mass.	228.9-	1310-	100
WNBO	John Brownlee Spriggs, Silver Haven, Pa.	249.9-	1200-	100
WNBf	Memphis Brdcastg. Co., Memphis, Tenn.	209.7-	1430-	500
WNBW	WNBW, Inc., Carbondale, Pa. (C.P. 100W)	249.9-	1200-	10
WNBX	WNBX Broadcasting Corp., Springfield, Vt.	238.0-	1260-	250
WNBZ	Smith & Mace, Saranac Lake, N. Y.	232.4-	1290-	50
WNEL	Juan Piza, San Juan, Porto Rico (C.P.)	232.4-	1290-	500
WNOX	WNOX Inc., Knoxville, Tenn.	535.4-	560-	1000
WNRA	Kathryn Jones, Muscle Shoals City, Ala.	211.1-	1420-	100
WNYC	Dept. of Plant & Structures, New York, N. Y.	370.2-	810-	500
WOAI	Southern Industries, Inc., San Antonio, Texas	252.0-	1190-	50000
WOBu	WOBu Inc., Charleston, W. Va.	516.9-	580-	250
WOC-WHO	Central Broadcasting Co., Des Moines, Iowa	299.8-	1000-	50000
WOCL	A. E. Newton, Jamestown, N. Y.	247.8-	1210-	50
WODA-WAAM	WODAAM Corp., Newark, N. J.	239.9-	1250-	1000
WODX	Mobile Brdcastg. Corp., Mobile, Ala.	212.6-	1410-	500
WOI	Iowa State College of Agri. & Mech. Arts, Ames, Iowa	468.5-	640-	5000
WOKO	WOKO Inc., Albany, N. Y.	208.2-	1440-	500
WOL	American Broadcasting Co., Washington, D. C.	228.9-	1310-	100
WOMT	Francis M. Kadow, Manitowoc, Wis.	247.8-	1210-	100
WOOD	Kunsky-Trendle Brdcastg. Corp., Grand Rapids, Mich.	236.1-	1270-	500
WOPI	Radiophone Brdcastg. Station WOPI, Inc., Bristol, Tenn.	199.9-	1500-	100
WOQ	Univ School of Christianity, Kansas City, Mo.	230.6-	1300-	1000
WOR	Bamberger Brdcastg. Service, Inc., Newark, N. J. (C. P. 50 K.W.)	422.3-	710-	5000



Call Let'rs		W.L.	K.C.	W.P.
WORC	Alfred F. Kleindienst, Worcester, Mass.	234.2-	1280-	500
WORK	York Brdcastg. Co., York, Pa.	299.8-	1000-	1000
WOS	Missouri State Highway Patrol, Jefferson City, Mo.	475.9-	630-	500
WOSU	Ohio State University, Columbus, Ohio	526.0-	570-	1000
WOV	International Brdcastg. Corp., New York, N. Y.	265.3-	1130-	1000
WOW	Woodmen of the World Life Ins. Assn., Omaha, Nebr.	508.2-	590-	1000
WOWO	Main Auto Supply Co., Ft. Wayne, Ind.	258.5-	1160-	10000
WPAD	Paducah Brdcastg. Co., Inc., Paducah, Ky.	211.1-	1420-	100
WPAP-WQAO	See WQAO-WPAP			
WPCH	Knickerbocker Brdcastg. Co., Inc., New York, N. Y.	526.0-	570-	500
WPEN	Wm. Penn Brdcastg. Co., Phila., Pa. (C.P. 920 Kc. 250W.)	199.9-	1500-	100
WPFB	Otis Perry Eure, Hattiesburg, Miss.	218.8-	1370-	100
WPFG	Hattiesburg Brdcastg. Co., Hattiesburg, Miss.	218.8-	1370-	100
WPG	WPG Brdcastg. Corp., Atlantic City, N. J.	272.6-	1100-	5000
WPHR	WLBG, Inc., Petersburg, Va.	249.9-	1200-	100
WPRO	Cherry & Webb Brdcastg. Co., Providence, R. I.	247.8-	1210-	100
WPTF	WPTF Radio Co., Raleigh, N. C. (C.P. 5 KW)	440.9-	680-	1000
WQAM	Miami Brdcastg. Co., Miami, Fla.	535.8-	560-	1000
WQAN	Scranton Times, Scranton, Pa.	340.7-	880-	250
WQAO-WPAP	Marcus Lowe Booking Agcy., New York, N. Y.	296.9-	1010-	250
WQBC	Delta Brdcastg. Co. Inc., Vicksburg, Miss.	220.4-	1360-	500
WQDM	A. J. St. Antoine and E. J. Regan, St. Albans, Vt.	218.8-	1370-	100
WQDX	Stevens Luke, Thomasville, Ga.	247.8-	1210-	100
WRAK	WRAK, Inc., Williamsport, Pa.	218.8-	1370-	100
WRAM	Wilmington Radio Assn. Inc., Wilmington, N. C.	218.8-	1370-	100
WRAW	Reading Brdcastg Co., Reading, Pa.	228.9-	1310-	100
WRAX	WRAX Brdcastg. Co., Phila., Pa. (C.P. 920 Kc.)	293.9-	1020-	250
WRBL	WRBL Radio Station, Inc., Columbus, Ga.	249.9-	1200-	100
WRBX	Richmond Development Corp., Roanoke, Va.	212.6-	1410-	250
WRC	National Broadcasting Co., Inc., Washington, D. C.	315.6-	950-	500
WRDO	WRDO, Inc., Augusta, Me.	218.8-	1370-	100
WRDW	Musicove Inc., Augusta, Ga.	199.9-	1500-	100
WREC	WREC, Inc., Memphis, Tenn.	499.7-	600-	500
WREN	Jenny Wren Co., Lawrence, Kans.	245.8-	1220-	1000
WRHM	Minnesota Brdcastg. Corp., Minneapolis, Minn.	239.9-	1250-	1000
WRJN	Racine Broadcasting Corp., Racine, Wis.	218.8-	1370-	100
WRNY	Marcus Lowe Booking Agency, New York, N. Y.	296.9-	1010-	250
WROL	Stuart Brdcastg. Corp., Knoxville, Tenn.	228.9-	1310-	100
WRR	City of Dallas, Dallas, Texas	234.2-	1280-	500
WRUF	University of Florida, Gainesville, Fla.	361.2-	830-	5000
WRVA	Larus & Bro. Co., Inc., Richmond, Va.	270.1-	1110-	5000
WSAI	Crosley Radio Corp. (Lessee), Cincinnati, Ohio	225.4-	1330-	1000
WSAJ	Grove City College, Grove City, Pa.	228.9-	1310-	100
WSAN	WSAN, Inc., Allentown, Pa.	208.2-	1440-	250
WSAR	Doughty & Welch Elec. Co., Inc., Fall River, Mass.	206.8-	1450-	250
WSAZ	WSAZ, Inc., Huntington, W. Va.	252.0-	1190-	1000
WSB	Atlanta Journal Co., Atlanta, Ga.	405.2-	740-	50000
WSBC	WSBC, Inc., Chicago, Ill.	247.8-	1210-	100
WSBT	South Bend Tribune, South Bend, Ind.	243.8-	1230-	500
WSEN	The Columbus Brdcastg. Corp., Columbus, Ohio	247.8-	1210-	100
WSFA	Montgomery Brdcastg. Co., Inc., Montgomery, Ala.	212.6-	1410-	500
WSIX	638 Tire & Vulcanizing Co., Springfield, Tenn.	247.8-	1210-	100
WSJS	Winston-Salem Journal Co., Winston-Salem, N. C.	228.9-	1310-	100
WSM	National Life & Acci. Ins. Co., Nashville, Tenn.	461.3-	650-	50000
WSMB	WSMB, Inc., New Orleans, La.	227.1-	1320-	500
WSMK	Stanley M. Krohn, Jr., Dayton, Ohio	217.3-	1380-	200
WSOC	WSOC, Inc., Charlotte, N. C.	247.8-	1210-	100
WSPA	The Voice of South Carolina, Spartanburg, S. C.	211.1-	1420-	100
WSPD	Toledo Brdcastg. Co., Toledo, Ohio	223.7-	1340-	1000
WSUI	State University of Iowa, Iowa City, Iowa	340.7-	880-	500

Call Let's		W.L.	K.C.	W.P.
WSUN	St. Petersburg Ch. of Com., St. Petersburg, Fla.	483.6-	620-	1000
WSVS	Seneca Vocational High School, Buffalo, N. Y.	218.8-	1370-	50
WSYB	Philip Weiss Music Co., Rutland, Vt.	199.9-	1500-	100
WSYR-WMAC	Central New York Brdcastg. Corp., Syracuse, N. Y.	526.0-	570-	250
WTAD	Illinois Brdcastg. Corp., Quincy, Ill.	208.2-	1440-	500
WTAG	Worcester Telegram Pub. Co., Worcester, Mass.	516.9-	580-	500
WTAM	National Brdcastg. Co., Inc., Cleveland, Ohio	280.2-	1070-	50000
WTAQ	Gillette Rubber Co., Eau Claire, Wis.	225.4-	1330-	1000
WTAR	WTAR Radio Corp., Norfolk, Va.	384.4-	780-	500
WTAW	Agr. & Mech. College of Tex., College Station, Tex.	267.7-	1120-	500
WTAX	WTAX, Inc., Springfield, Ill.	247.8-	1210-	100
WTBO	Associated Broadcasting Corp., Cumberland, Md.	211.1-	1420-	100
WTFL	Foulkrod Radio Eng. Co., Philadelphia, Pa.	228.9-	1310-	100
WTFI	Liberty Broadcasting Co., Athens, Ga.	206.8-	1450-	500
WTIC	Travelers Brdcastg. Service, Hartford, Conn.	282.8-	1060-	50000
WTJS	The Sun Pub. Co. Inc., Jackson, Tenn.	228.9-	1310-	100
WTMJ	The Journal Co. (Milwaukee Journal), Milwaukee, Wis.	483.6-	620-	1000
WTNJ	WOAX, Inc., Trenton, N. J.	234.2-	1280-	500
WTOC	Savannah Brdcastg. Co., Inc., Savannah, Ga.	238.0-	1260-	500
WTRC	The Truth Pub. Co., Inc., Elkhart, Ind.	228.9-	1310-	50
WWAE	Hammond-Calumet Brdcastg. Corp., Hammond, Ind.	249.9-	1200-	100
WWJ	The Evening News Association, Inc., Detroit, Mich.	325.9-	920-	1000
WWL	Loyola University, New Orleans, La.	352.7-	850-	10000
WWNC	Citizens Broadcasting Co., Inc., Ashville, N. C.	526.0-	570-	1000
WWRL	Long Island Broadcasting Corp., Woodside, N. Y.	199.9-	1500-	100
WWSW	Walker & Downing Radio Corp., Pittsburg, Pa.	199.9-	1500-	100
WWVA	W. Va. Brdcastg. Corp., Wheeling, W. Va.	258.5-	1160-	5000
WXYZ	Kunsky-Trendle Brdcastg. Corp., Detroit, Mich.	241.8-	1240-	1000
KABC	Alamo Brdcastg. Co., Inc., San Antonio, Texas	211.1-	1420-	100
KALE	KALE, Inc., Portland, Oregon	230.6-	1300-	500
KARK	Arkansas Radio & Equip. Co., Little Rock, Ark.	336.9-	890-	250
KASA	E. M. Woody, Elk City, Okla	247.8-	1210-	100
KBPS	Benson Polytechnic School, Portland, Oregon	211.1-	1420-	100
KBTM	Beard's Temple of Music, Paragould, Ark.	249.9-	1200-	100
KCMC	No. Miss. Brdcastg. Corp., Texarkana, Ark.	211.1-	1420-	100
KCRC	Enid Radiophone Co., Enid, Okla.	218.8-	1370-	100
KCRJ	Charles C. Robinson, Jerome, Ariz.	228.9-	1310-	100
KDB	Santa Barbara Brdcastgs., Ltd., Santa Barbara, Calif.	199.9-	1500-	100
KDFN	Donald Lewis Hathaway, Casper, Wyoming	208.2-	1440-	500
KDKA	Westinghouse E. & M. Co., Pittsburg, Pa.	305.9-	980-	50000
KDLR	KDLR, Inc., Devils Lake, N. D.	247.8-	1210-	100
KDYL	Intermountain Brdcastg. Corp., Salt Lake City, Utah	232.4-	1290-	1000
KECA	Earle C. Anthony, Inc., Los Angeles, Calif.	209.7-	1430-	1000
KELW	Magnolia Park, Ltd., Burbank, Calif.	384.4-	780-	500
KERN	The Bee Bakersfield Brdcastg. Co., Bakersfield, Calif.	249.9-	1200-	100
KEX	The Oregonian Publishing Co., Portland, Ore.	254.1-	1180-	5000
KFAB	KFAB Brdcastg. Co., Lincoln, Neb. (C.P. 25 K.W.)	389.4-	770-	5000
KFAC	Los Angeles Brdcastg. Co., Los Angeles, Calif.	230.6-	1300-	1000
KFBB	Buttrely Brdcastg., Inc., Great Falls, Mont.	234.2-	1280-	1000
KFBI	The Farmers & Bankers Life Ins. Co., Abilene, Kansas	285.5-	1050-	5000
KFBK	James McClatchy Co., Sacramento, Calif.	228.9-	1310-	100
KFBL	Leese Bros., Everett, Wash.	218.8-	1370-	50
KFDM	Sabine Brdcastg. Co., Inc., Beaumont, Texas	535.4-	560-	500
KFDY	So. Dak. State College, Brookings, S. D.	545.1-	550-	1000
KFEL	Eugene P. O'Fallan, Inc., Denver, Colo.	325.9-	920-	500
KFEQ	Scroggin & Co. Bank, St. Joseph, Mo.	440.1-	680-	2500
KFGQ	Boone Biblical College, Boone, Iowa	228.9-	1310-	100
KFH	Radio Station KFH Co., Wichita, Kans.	230.6-	1300-	1000
KFI	Earl C. Anthony, Inc., Los Angeles, Calif.	468.5-	640-	50000

Call Let's		W.L.	K.C.	W.P.
KFIO	Spokane Brdcstg. Co., Spokane, Wash.	267.7-	1120-	100
KFIZ	Reporter Printing Co., Fond du lac, Wis.	211.1-	1420-	100
KFJB	Marshall Electric Co., Inc., Marshalltown, Iowa	249.9-	1200-	100
KFJI	KFJI Broadcasters, Inc., Klamath Falls, Oreg.	247.8-	1210-	100
KFJM	University of N. Dak., Grand Forks, N. Dak.	218.8-	1370-	100
KFJR	Ashley C. Dixon—KFJR, Inc., Portland, Oregon	230.6-	1300-	500
KFJZ	Ft. Worth Broadcasters, Inc., Ft. Worth, Texas	218.8-	1370-	100
KFKA	Midwestern Radio Corp., Greeley, Colo.	340.7-	880-	500
KFKU	Univ. of Kansas, Lawrence, Kans.	245.8-	1220-	500
KFLV	Rockford Brdcsters., Inc., Rockford, Ill.	212.6-	1410-	500
KFMX	Carleton College, Northfield, Minn.	239.9-	1250-	1000
KFNF	Henry Field Co., Shenandoah, Iowa	336.9-	890-	500
KFOR	Cornbelt Broadcasting Corp., Lincoln, Nebr.	247.8-	1210-	100
KFOX	Nichols & Warinner, Inc., Long Beach, Calif.	239.9-	1250-	1000
KFPL	C. C. Baxter, Dublin, Texas	228.9-	1310-	100
KFPM	The New Furniture Co., Greenville, Tex.	228.9-	1310-	15
KFPW	Southwestern Hotel Co., Ft. Smith, Ark.	247.8-	1210-	100
KFPY	Symons Brdcstg. Co., Spokane, Wash.	223.7-	1340-	1000
KFQD	Anchorage Radio Club, Inc., Anchorage, Alaska	499.7-	600-	250
KFRC	Don Lee Broadcasting System, San Francisco, Calif.	491.5-	610-	1000
KFRU	KFRU, Inc., Columbia, Mo.	475.9-	630-	500
KFSD	Airfan Radio Corp., Ltd., San Diego, Calif.	499.7-	600-	1000
KFSG	Echo Park Evan. Assn., Los Angeles, Calif.	267.7-	1120-	500
KFUL	Southwest Broadcasting Co., Galveston, Texas	232.4-	1290-	500
KFUO	Concordia Seminary, Clayton, Mo.	545.1-	550-	500
KFVD	Los Angeles Brdcstg. Co., Los Angeles, Calif.	299.8-	1000-	250
KFVS	Hirsch Battery & Radio Co., Cape Girardeau, Mo.	247.8-	1210-	100
KFWB	Warner Bros. Brdcstg. Corp., Hollywood, Calif.	315.6-	950-	1000
KFWI	Radio Entertainments, Ltd., San Francisco, Calif.	322.4-	930-	500
KFXD	Frank E. Hurt, Nampa, Ida.	249.9-	1200-	100
KFXF	Colo. Radio Corp., Denver, Colo.	325.9-	920-	500
KFXJ	Western Slope Brdcstg. Co., Grand Junction, Colo.	249.9-	1200-	100
KFXM	Lee Bros. Brdcstg. Co., San Bernardino, Calif.	247.8-	1210-	100
KFXR	Exchange Ave. Baptist Church, Oklahoma City, Okla.	228.9-	1310-	100
KFYO	Kirksey Bros., Lubbock, Texas	228.9-	1310-	100
KFYR	Mayer Brdcstg. Co., Bismark, N. D.	245.1-	550-	1000
KGA	Louis Wasner, Spokane, Wash.	204.0-	1470-	5000
KGAR	Tuscon Motor Service Co., Tuscon, Ariz.	218.8-	1370-	100
KGB	Don Lee Brdcstg. System, San Diego, Calif.	225.4-	1330-	1000
KGBU	Alaska Radio & Service Co., Inc., Ketchikan, Alaska	333.1-	900-	500
KGBX	KGBX, Inc., Springfield, Mo.	228.9-	1310-	100
KGBZ	Dr. George R. Miller, York, Nebr.	322.4-	930-	500
KGCA	Chas. W. Greenley, Decorah, Iowa	236.1-	1270-	100
KGCR	The Greater Kampeska Radio Corp., Watertown, S. D.	247.8-	1210-	100
KGCU	Mandon Radio Assn., Mandon, N. D.	241.9-	1240-	250
KGCX	E. E. Krebsbach, Wolf Point, Mont.	228.9-	1310-	100
KGDE	Charles L. Jaren, Fergus Falls, Minn.	249.9-	1200-	100
KGDM	E. F. Peffer, Stockton, Calif.	272.6-	1100-	250
KGDY	Voice of South Dakota, Huron, S. D. (C.P.)	223.7-	1340-	250
KGEG	Elmer G. Beehler, Luma, Colo.	249.9-	1200-	100
KGER	Consolidated Brdcstg. Corp., Ltd., Long Beach, Calif.	220.4-	1360-	1000
KGEW	City of Fort Morgan, Fort Morgan, Colo.	249.9-	1200-	100
KGEZ	Donald C. Treloar, Kalispell, Mont.	228.9-	1310-	100
KGFF	KGFF Brdcstg. Co., Shawnee, Okla.	211.1-	1420-	100
KGFG	Okla. Brdcstg. Co., Inc., Oklahoma City, Okla.	218.8-	1370-	100
KGFI	Eagle Broadcasting Co., Inc., Corpus Christi, Tex.	199.9-	1500-	100
KGFJ	Ben. S. McGlashan, Los Angeles, Calif.	249.9-	1200-	100
KGFK	Red River Brdcstg. Co., Inc., Moorhead, Minn.	199.9-	1500-	100
KGFL	KGFL, Inc., Roswell, N. M.	218.8-	1370-	100
KGFW	Central Nebraska Brdcstg. Co., Kearney, Nebr.	228.9-	1310-	100
KGFX	Dana McNeil, Pierce, S. D.	475.9-	630-	200

Call Let'rs		W.L.	K.C.	W.P.
KGGC	The Golden Gate Brdcastg. Co., San Francisco, Calif.	211.1-	1420-	100
KGGF	Powell & Platz, Coffeyville, Kansas	296.9-	1010-	500
KGGM	N. M. Brdcastg. Co., Albuquerque, N. M.	243.8-	1230-	250
KGHF	Curtis P. Ritchie and George J. Ikleman, Pueblo, Colo.	227.1-	1320-	250
KGHI	Lloyd Judd Co., Little Rock, Ark.	249.9-	1200-	100
KGHL	Northwestern Auto Supply Co., Inc., Billings, Mont.	315.6-	950-	1000
KGIR	KGIR, Inc., Butte, Mont.	220.4-	1360-	500
KGIW	L. E. Wilson, Almosa, Colo.	211.1-	1420-	100
KGIX	J. M. Heaton, Las Vegas, Nev.	211.1-	1420-	100
KGIZ	KGBX, Inc., Grant City, Mo.	535.4-	560-	500
KGKB	East Texas Brdcastg. Co., Tyler, Texas	199.9-	1500-	100
KGKL	KGKL, Inc., San Angelo, Tex.	218.8-	1370-	100
KGKO	Wichita Falls Brdcastg. Co., Wichita Falls, Tex.	526.0-	570-	250
KGKY	Hilliard Co., Inc., Scottsbluff, Nebr.	199.9-	1500-	100
KGMB	Honolulu Brdcastg. Co., Ltd., Honolulu, Hawaii	227.1-	1320-	250
KGNF	Great Plains Brdcastg. Co., No. Platte, Nebr.	209.7-	1430-	500
KGNO	Dodge City Brdcastg. Co., Inc., Dodge City, Kans.	223.7-	1340-	250
KGO	National Brdcastg. Co., Inc., San Francisco, Calif.	379.5-	790-	7500
KGRS	E. B. Gish (Gish Radio Service), Amarillo, Tex.	212.6-	1410-	1000
KGU	Marion A. Mulrony & Advertiser Pub. Co., Ltd., Honolulu, Hawaii	399.8-	750-	2500
KGVO	Mosby's, Inc., Missoula, Mont.	249.9-	1200-	100
KGW	Oregonian Pub. Co., Portland, Ore.	483.6-	620-	1000
KGY	KGY, Inc., Olympia, Wash.	247.8-	1210-	100
KHJ	Don Lee Brdcastg. System, Los Angeles, Calif.	333.1-	900-	1000
KHQ	Louis Wasmer, Inc., Spokane, Wash.	508.2-	590-	1000
KICA	Southwest Brdcastg. Co., Clovis, N. M.	218.8-	1370-	100
KICK	Red Oak Radio Corp., Carter Lake, Iowa	211.1-	1420-	100
KID	KID Brdcastg. Co., Idaho Falls, Idaho	227.1-	1320-	250
KIDO	Boise Brdcastg. Station, Boise, Ida.	222.1-	1350-	1000
KIDW	Lamar Brdcastg. Co., Lamar, Colo.	211.1-	1420-	100
KIEM	Harold H. Hanseth, Eureka, Calif.	228.9-	1310-	100
KIEV	Cannon System, Ltd., Glendale, Calif.	352.7-	850-	100
KIFH	Juneau Broadcasting Co. (C.P. only), Juneau, Alaska	228.9-	1310-	100
KIGY	Copper Electric Co., Inc., Lowell, Ariz.	249.9-	1200-	100
KIT	Carl E. Haymond, Yakima, Wash.	228.9-	1310-	100
KJBS	Julius Brunton & Sons Co., San Francisco, Calif.	280.2-	1070-	100
KJR	Fisher's Blend Station, Inc., Seattle, Wash.	309.1-	970-	5000
KLCN	C. L. Lintzenich, Blytheville, Ark. (C.P. 100W)	232.4-	1290-	50
KLO	Interstate Broadcasting Corp., Ogden, Utah	214.2-	1400-	500
KLPM	John B. Cooley, Minot, N. D.	241.8-	1240-	250
KLRA	Arkansas Brdcastg. Co., Little Rock, Ark.	215.7-	1390-	1000
KLS	Warner Bros., Oakland, Calif.	208.2-	1440-	250
KLUF	George Roy Clough, Galveston, Tex.	218.8-	1370-	100
KLX	Tribune Building Co., Oakland, Calif.	340.7-	880-	1000
KLZ	Reynolds Radio Co., Inc., Denver, Colo.	535.4-	560-	1000
KMA	May Seed & Nursery Co., Shenandoah, Iowa	322.4-	930-	500
KMAC	W. W. McAllister, San Antonio, Texas	218.8-	1370-	100
KMBC	Midland Brdcastg. Co., Kansas City, Mo.	315.6-	950-	1000
KMED	Mrs. W. J. Virgin, Medford, Ore.	228.9-	1310-	100
KMJ	James McClatchy Co., Fresno, Calif.	516.9-	580-	500
KMLB	Liner's Brdcastg. Station, Inc., Monroe, La.	249.9-	1200-	100
KMMJ	The M. M. Johnson Co., Clay Center, Nebr.	405.2-	740-	1000
KMO	KMO, Inc., Tacoma, Wash.	225.4-	1330-	250
KMOX	Voice of St. Louis, Inc., St. Louis, Mo.	275.1-	1090-	50000
KMPC	Beverly Hills Brdcastg. Corp., Beverly Hills, Calif.	422.3-	710-	500
KMTR	KMTR Radio Corp., Los Angeles, Calif.	526.0-	570-	500
KNOW	KUT Brdcastg. Co., Austin, Texas	199.9-	1500-	100
KNX	Western Brdcastg. Co., Los Angeles, Calif. (C.P. 50KW)	285.5-	1050-	25000
KOA	Nat'l Brdcastg. Co., Inc., Denver, Colo. (C.P. 50 K.W.)	361.2-	830-	12500
KOAC	Oregon State Agr. College, Corvallis, Oreg.	545.1-	550-	1000

Call Let's		W.L.	K.C.	W.P.
KOB	N. M. Coll. of Agr. & Mech. Arts, Albuquerque, N. M.	254.1-	1180-	1000
KOCW	J. T. Griffin, Tulsa, Okla.	214.2-	1400-	250
KOH	The Bee, Inc., Reno, Nev.	217.3-	1380-	500
KOIL	Mona Motor Oil Co., Council Bluffs, Iowa	238.0-	1260-	1000
KOIN	KOIN, Inc., Portland, Ore.	319.0-	940-	1000
KOL	Seattle Brdcastg. Co., Inc., Seattle, Wash.	236.1-	1270-	1000
KOMA	National Radio Mfg. Co., Oklahoma City, Okla.	202.6-	1480-	5000
KOMO	Fisher's Blend St. Inc., Seattle, Wash.	325.9-	920-	1000
KONO	Mission Brdcastg. Co., San Antonio, Texas	218.8-	1370-	100
KOOS	H. H. Hanseth, Inc., Marshfield, Ore.	218.8-	1370-	100
KORE	Eugene Broadcast Station, Eugene, Ore.	211.1-	1420-	100
KOY	Nielson Radio & Sporting Goods Co., Phoenix, Ariz.	215.7-	1390-	500
KPCB	Queen City Brdcastg. Co., Seattle, Wash.	461.3-	650-	100
KPJM	Scott & Sturm, Prescott, Ariz.	199.9-	1500-	100
KPO	National Brdcastg. Co., Inc., San Francisco, Calif.	440.9-	680-	5000
KPOF	Pillar of Fire (a Corporation), Denver, Colo.	340.7-	880-	500
KPPC	Pasadena Pres. Church, Pasadena, Calif.	247.8-	1210-	50
KPQ	West Coast Brdcastg. Co., Wenatchee, Wash.	199.9-	1500-	100
KPRC	Houston Printing Co., Houston, Texas	325.9-	920-	1000
KQV	KQV Brdcastg. Co., Pittsburgh, Pa.	217.3-	1380-	500
KQW	Pacific Agri. Foundation Ltd., San Jose, Calif.	296.9-	1010-	500
KRE	First Cong. Church, Berkley, Calif.	218.8-	1370-	100
KREG	The Voice of the Orange Emp., Inc., Ltd., Santa Ana, Calif.	199.9-	1500-	100
KRGV	KRGV, Inc., Harlingen, Texas	238.0-	1260-	500
KRKD	Fireside Broadcasting Co., Los Angeles, Calif.	267.7-	1120-	500
KRLD	KRLD Radio Corp., Dallas, Texas	288.3-	1040-	1000
KRMD	Radio Station KRMD, Inc., Shreveport, La.	228.9-	1310-	100
KROW	Educational Brdcastg. Corp., Oakland, Calif.	322.4-	930-	500
KRSC	Radio Sales Corp., Seattle, Wash.	267.7-	1120-	100
KSAC	Kansas State College of Agri. & Applied Science, Manhattan, Kans.	516.9-	580-	500
KSCJ	Perkins Bros. Co. (The Sioux City Journal), Sioux C. I.	225.4-	1330-	1000
KSD	Pulitzer Pub. Co., St. Louis, Mo.	545.1-	550-	500
KSEI	Radio Service Corp., Pocatello, Idaho	336.9-	890-	250
KSL	Radio Service Corp. of Utah, Salt Lake City, Utah	265.3-	1130-	5000
KSO	Iowa Broadcasting Co., Des Moines, Iowa	218.8-	1370-	100
KSOO	Sioux Falls Broadcast Assn. Inc., Sioux Falls, S. D.	270.1-	1110-	2500
KSTP	National Battery Brdcastg. Co., St. Paul, Minn.	205.4-	1460-	10000
KSUN	Copper Electric Co., Inc., Lowell, Ariz.	249.9-	1200-	100
KTAB	Associated Broadcasters, Inc., San Francisco, Calif.	535.4-	560-	1000
KTAR	KTAR Broadcasting Co., Phoenix, Ariz.	483.6-	620-	1000
KTAT	KTAT Broadcast Co., Inc., Ft. Worth, Texas	241.8-	1240-	1000
KTBS	Tri State Brdcastg. System, Inc., Shreveport, La.	206.8-	1450-	1000
KTFI	Radio Brdcastg. Corp., Twin Falls, Ida.	241.8-	1240-	500
KTHS	Hot Springs Ch. of Com., Hot Springs, Ark.	288.3-	1040-	10000
KTM	Pickwick Brdcastg. Corp., Los Angeles, Calif.	384.4-	780-	500
KTRH	KTRH Brdcastg. Co., Houston, Texas	267.7-	1120-	1000
KTSA	Southwest Brdcastg. Co., Inc., San Antonio, Texas	232.4-	1290-	1000
KTSM	Tri-State Broadcasting Co., Inc., El Paso, Tex.	228.9-	1310-	100
KTW	First Pres. Church, Seattle, Wash.	245.8-	1220-	1000
KUJ	KUJ, Inc., Walla Walla, Wash.	218.8-	1370-	100
KUMA	Albert H. Sherman, Yuma, Ariz.	211.1-	1420-	100
KUOA	KUOA, Inc., Fayetteville, Ark.	238.0-	1260-	1000
KUSD	University of South Dakota, Vermilion, S. D.	336.9-	890-	500
KVI	Puget Sound Brdcastg. Co., Inc., Tacoma, Wash.	526.0-	570-	500
KVL	KVL, Inc., Seattle, Wash.	218.0-	1370-	100
KVOA	Arizona Brdcastg. Co., Inc., Tucson, Arizona	238.0-	1260-	500
KVOO	Southwestern Sales Corp., Tulsa, Okla. (C.P. 25 K.W.)	263.0-	1140-	5000
KVOR	S. H. Patterson, Colorado Springs, Colo.	236.1-	1270-	1000
KVOS	KVOS, Inc., Bellingham, Wash.	249.9-	1200-	100



Call Let's		W.L.	K.C.	W.P.
KWCR	Cedar Rapids Brdcstg. Co., Cedar Rapids, Iowa	211.1-1420-		100
KWEA	International Brdcstg. Corp., Shreveport, La.	247.8-1210-		100
KWVF	Hilo Brdcstg. Co., Ltd., Hilo, Hawaii	247.8-1210-		100
KWG	Portable Wireless Tel. Co., Inc., Stockton, Calif.	249.9-1200-		100
KWJJ	KWJJ Brdcstg. Co., Inc., Portland, Oreg.	282.8-1060-		500
KWK	Thomas Patrick, Inc., St. Louis, Mo.	222.1-1350-		1000
KWKC	Wilson Duncan Brdcstg. Co., Kansas City, Mo.	218.8-1370-		100
KWKH	International Brdcstg. Corp., Shreveport, La.	352.7- 850-	10000	
KWLC	Luther College, Decorah, Iowa	236.1-1270-		100
KWSC	State College of Washington, Pullman, Wash.	245.8-1220-		1000
KWWG	Frank P. Jackson, Brownsville, Texas	238.0-1260-		500
KXA	American Radio Tel. Co., Seattle, Wash.	394.5- 760-		250
KXL	KXL Broadcasters, Portland, Ore.	211.1-1420-		100
KXO	E. R. Irey and F. M. Bowles, El Centro, Calif.	199.9-1500-		100
KXRO	KXRO, Inc., Aberdeen, Wash.	228.9-1310-		100
KXYZ	Harriss Co. Brdcstg. Co., Houston, Texas	211.1-1420-		250
KYA	Pacific Brdcstg. Corp., San Francisco, Calif.	243.8-1230-		1000
KYW	Westinghouse E. & M. Co., Chicago, Ill.	293.9-1020-	10000	

## CANADIAN BROADCASTING STATIONS

Call Let's		W.L.	K.C.	W.P.
CFAC	Calgary Herald, Calgary, Alta.	434.5- 690-		500
CFBO	C. A. Munro, Ltd., St. John, N. B.	291.1-1030-		500
CFCA	Star Publishing & Ptg. Co., Ltd., Toronto, Ont.	267.7-1120-		100
CFCF	Canadian Marconi Co., Montreal, Que.	499.7- 600-	1000	
CFCH	Northern Supplies, Ltd., North Bay, Ont.	322.4- 930-		100
CFCN	W. W. Grant and H. G. Love, Strathmore, Alta.	291.1-1030-	1000	
CFCO	John Beardall, Chatham, Ontario	247.8-1210-		100
CFCT	Victoria Broadcasting Association, Victoria, B. C.	209.7-1430-		50
CFCY	The Island Radio Brdcstg. Co., Ltd., Charlottetown, P.E.I.	475.9- 630-		500
CFJC	Review Publishing Co., Ltd., Kamloops, B. C.	228.9-1310-		100
CFLC	Radio Association of Prescott, Prescott, Ont.	322.4- 930-		100
CFNB	Jas. S. Neill & Sons, Ltd., Fredericton, N. B.	247.8-1210-		50
CFPL	London Free Press Ptg. Co., Ltd., London, Ont.	410.7- 730-		100
CFQC	Electric Shop, Ltd., Saskatoon, Sask.	336.9- 890-		500
CFRB	Rogers Majestic Corp., Ltd., Toronto, Ont.	434.5-690-	1000	
CFRC	Queen's University, Kingston, Ont.	325.0- 915		100
CHAB	Moose Jaw Radio Association, Moose Jaw, Sask.	249.9-1200-		25
CHCK	W. E. Burke and J. A. Gesner, Charlottetown, P. E. I.	228.9-1310-		100
CHCG	Dr. Charles Hoxie, New Carlisle, Que.	247.8-1210-		100
CHGS	R. T. Holman, Ltd., Summerside, P. E. I.	267.7-1120-		100
CHLP	La Patrie Pub. Co., Ltd., Montreal, Que.	267.7-1120-		100
CHMA	Christian & Missionary Alliance, Edmonton, Alta.	516.9- 580-		250
CHML	Maple Leaf Radio Co., Ltd., Hamilton, Ont.	336.9- 890-		50
CHNS	Maritime Broadcasting Co., Ltd., Halifax, N. S.	285.5-1050-		500
CHRC	CHRC, Limited, Quebec, Que.	465.1- 645-		100
CHWC	R. H. Williams & Sons, Ltd., Regina, Sask.	296.9-1010-		500
CHWK	Chilliwack Broadcasting Co., Ltd., Chilliwack, B. C.	384.4- 780-		100
CJCA	Edmonton Journal, Edmonton, Alta.	410.7- 730-		500
CJCB	N. Nathanson, Sydney, N. S.	340.7- 880-		50
CJJC	Albertan Publishing Co., Ltd., Calgary, Alta.	434.5- 690-		500
CJCS	George McLeod Cootes, Sudbury, Ont.	384.4- 780-		500
CJGX	Winnipeg Grain Exchange, Yorkton, Sask.	475.9- 630-		500
CJOC	H. R. Carson, Lethbridge, Alta.	356.9- 840-		100
CJOR	G. C. Chandler, Vancouver, B. C.	247.8-1210-		500
CJRM	James Richardson & Sons, Ltd., Moose Jaw, Sask.	340.7- 880-		500
CJRW	James Richardson & Sons, Ltd., Fleming, Sask.	340.7- 880-		500

Call Let's		W.L.	K.C.	W.P.
CKAC	La Presse Publishing Co., Ltd., Montreal, Que.	410.7-	730-	5000
CKCD	Vancouver Daily Province, Vancouver, B. C.	296.9-	1010-	100
CKCH	Dr. J. L. Chabot, A. Groulx and G. Brodeau, Hull, Que.	247.8-	1210-	100
CKCK	Leader-Post, Ltd., Regina, Sask.	296.9-	1010-	500
CKCL	Dominion Battery Co., Ltd., Toronto, Ont.	516.9-	580-	100
CKCO	Dr. G. M. Geldert, Ottawa, Ont.	296.9-	1010-	100
CKCR	W. C. Mitchell and G. Liddle, Waterloo, Ont.	465.1-	645-	100
CKCV	Vandry, Inc., Quebec, Que.	228.9-	1310-	50
CKFC	United Church of Canada, Vancouver, B. C.	212.6-	1410-	50
CKIC	Acadia University, Wolfville, N. S.	296.9-	1010-	50
CKLW	Western Ontario Broadcasting Co., Ltd., Windsor, Ont.	555.0-	540-	5000
CKMC	R. L. MacAdam, Cobalt, Ont.	247.8-	1210-	100
CKMO	Sprott-Shaw Radio Co., Vancouver, B. C.	212.6-	1410-	100
CKNC	Canadian National Carbon Co., Ltd., Toronto, Ont.	291.1-	1030-	100
CKOC	Wentworth Radio Brdctg. Co., Ltd., Hamilton, Ont.	296.9-	1010-	100
CKOV	J. W. B. Browne, Kelowna, B. C.	249.9-	1200-	100
CKPC	Cyrus Dolph, Preston, Ont.	322.4-	930-	100
CKPR	Dougall Motor Car Co., Ltd., Port Arthur, Ont.	384.4-	780-	100
CKUA	University of Alberta, Edmonton, Alta.	516.9-	580-	500
CKWX	Western Broadcasting Co., Ltd., Vancouver, B. C.	296.9-	1010-	100
CKX	Manitoba Telephone System, Brandon, Man.	322.4-	930-	500
CKY	Manitoba Telephone System, Winnipeg, Man.	329.5-	910-	5000
CRCA	Canadian Radio Brdctg. Commission, Moncton, N. B.	516.9-	580-	500
CRCO	Canadian Radio Brdctg. Commission, Ottawa, Ont.	340.7-	880-	500
CRCS	Canadian Radio Brdctg. Commission, Chicoutimi, Que.	199.9-	1500-	100
CRCT	Canadian Radio Brdctg. Commission, Toronto, Ont.	312.3-	960-	5000
CRCV	Canadian Radio Brdctg. Commission, Vancouver, B. C.	272.6-	1100-	500

## MEXICAN BROADCASTING STATIONS

NOTE—The following list of Mexican Stations received too late for listing under the "Arrangement by Kilocycles" and under, "Cities and Towns."

XEA	Alberto Palos Sauza, Guadalajara, Jal.	300.0-	1000-	125
XEB	El Buen Tono, S.A., Mexico, D.F.	291.2-	1030-	10000
XEC	Jesus R. Benavides, Toluca, Mex.	300.0-	1000-	50
XED	Cia. Radiofonografica, S.A., Guadalajara, Jal.	259.7-	1155-	500
XEH	Constantino de Tarnava, Monterrey, N. L.	265.3-	1130-	250
XEI	Carlos Gutierrez, Morelia, Mich.	545.4-	550-	125
XEJ	Juan G. Buttner, C. Juarez, Chih.	296.9-	1010-	250
XEK	Arturo Martinez, Mexico, D. F.	303.0-	990-	100
XEL	Antonio Garza Castro, Saltillo, Coah.	300.0-	1000-	10
XEN	Cerveceria Modelo, S.A., Mexico, D.F.	422.3-	710-	1000
XEP	Ana Ma. Rovalo de Pasalagua, Mexico, D. F.	384.6-	780-	500
XEQ	Francisco, Conde Urdaneta, Mexico, D. F.	225.5-	1330-	500
XER-XEF	Cia. Radiodifusora de Acuna, S.A., Villa Acuna, Coah.	454.3-	660-	150000
XES	Fernando Sada, Tampico, Tams.	294.1-	1020-	250
XET	Mexico Music Co., S.A., Monterrey, N. L.	434.7-	690-	500
XEU	Fernando Pazos, Veracruz, Ver.	297.0-	1010-	100
XEW	Cadena Radiodif. Mexicana, S.A., Mexico, D.F.	329.6-	910-	5000
XEY	Bartolome Garcia Correa, Merida, Yuc.	545.1-	550-	10
XEAB	Humberto Garcia R., Nuevo Laredo, Tams.	206.8-	1450-	7½
XEAC	Francisco de P. Cabrera, San Luis Potosi	232.4-	1290-	100
XEAE	Francisco de P. Cabrera, San Luis Potosi, S.L.P.	232.4-	1290-	100
XEAF	Adolfo Labastida, Jr., Sijuana, B.C.	305.9-	980-	800
XEAF	Manuel Mascarenas M., Nogales, Son.	302.8-	990-	750
XEAI	Carlos Gonzalez Caballero, Mexico, D. F.	275.2-	1090-	100
XEAO	Luis L. Castro, Mexicali, B. C.	535.7-	560-	7½
XEAW	Cia. Int. Dif. de Reynosa, S.A., Reynosa, Tams.	312.3-	960-	10000
XEFA	Eduardo Limon Segui, Tacula, D.F.	240.0-	1250-	500

		W.L.	K.C.	W.P.
XEFB	Jesus Quintanilla, Monterrey, N. L.	228.9	1310-	100
XEFC	Julio Molina Font, Merida, Yuc.	285.7	1050-	100
XEFE	Rafael T. Carranza, Nuevo Laredo, Tam.	300.0	1000-	100
XEFG	Esperanza Romero de Gonzalez, Mexico, D.F.	277.6	1080-	250
XEFI	Feliciano Lopez, Islas, Chihuahua, Chih.	300.0	1000-	250
XEJF	Rodolfo Junco de la Vega, Monterrey, N. L.	300.0	1000-	100
XEFO	Partido Ncal. Revolucionario, Mexico, D. F.	391.1-	940-	5000
XEFS	Salvador Sanchez, Queretaro, Qro.	300.0	1000-	40
XEJV	Jose Onofre Meza, C. Juarez, Chih.	218.9	1370-	100
XEJV	Jose Expedito Martinez, Tampico, Tams.	234.3	1280-	70
XEJZ	Manuel Zetina, Mexico, D. F.	218.9	1370-	100
XENT	Cia. Ind. Universal de Mex., S.A., Nuevo Laredo, Tam.	268.8	1115-	150000
XEOK	Carlos de la Sierra, Tijuana, B.C.	394.5-	760-	2500
XEPN	Cia. Radiodif. de P. Negras, S.A., P. Negras, Coah.	522.8-	585-	50000
XETB	Jose A. Berumen, Torreon, Coah.	217.3	1380-	125
XETE	Empresa Telefonos, Ericsson, S.A., Mexico, D.F.		9550-	250
XETH	Ramon Huerta, Puebla, Pue.	357.1-	860-	100
XETU	Benito Castillo, Pachuca, Hgo.	337.0-	890-	100
XETW	Rafael M. Pena, Mexico, D. F.	361.4-	830-	500
XETZ	Jose Alvarez del Villar, Mexico, D.F.	247.8	1210-	500
XEWW	Horacio Remes, Veracruz, Ver.	272.6	1100-	250
XEX	Luis F. Petit Jean, Monterrey, N. L.	475.9-	630-	50
XEYZ	Angel M. Diez, Mexico, D.F.	394.5-	760-	10000

### STATIONS UNDER CONSTRUCTION

XEE	Alejandro O. Stevenson, Durango, Dgo.	296.9	1010-	50
XEZ	Bartolome Garcia Correa, Merida, Yuc.	475.9-	630-	500
XEM	Cia. Radiodifusora Mexicana, S.A., Matamoros, Tamps.	454.3	660-	50000
XETM	Miguel Muzquiz, Matamoros, Tamps. Roberto Saldana Gonzales, Mexico, D.F.	354.7	845-	150000
XEMC	Arturo Pina y Omar Osvaldo Ortiz, Merida, Yuc.	-	-	250
XEZZ	Emilio Delgado R., San Luis Potosi, S.L.P.	-	-	100
XEWZ	Jesus Valezzi Esparza, Mexico, D.F.	-	-	100
XEMZ	Adolfo Labastida, Jr., Tijuana, B.C.	475.9-	630-	30
XEMA	Manuel M. Pier, Tampico, Tamps.	-	-	50
XECW	Carlos C. y de B., Mexico, D.F.	230.6	1300-	

### OFFICIAL STATIONS

XFC	Gobierno Estado Aguascalientes, Aguascalientes, Ags.	372.2-	805-	350
XFO	Partido Nacional Revolucionario, Mexico, D.F.	319.0-	940-	500
XFX	Sria. de Educacion Publica, Mexico, D.F.	356.9-	840-	500
XFA	Gobierno Aguascalientes, Aguascalientes, Ags.	545.1-	550-5-199.9-	1500

### Statement of the Ownership, Management, Circulation, Etc., Required by the Act of Congress of August 24, 1912

Of White's Radio Log, published January 1st, April 1st, July 1st, October 1st, at Providence, Rhode Island, for October 1st, 1933.

State of Rhode Island, County of Providence

Before me, at Providence, R. I., in and for the State and county aforesaid, personally appeared Charles D'W. White, who, having been duly sworn according to law, deposes and says that he is the owner of White's Radio Log, and that the following is, to the best of his knowledge and belief, a true statement of the ownership, management, etc., of the aforesaid publication for the date shown in the above caption, required by the Act of August 24, 1912 embodied in section 411 Postal Laws and Regulations.

1. That the names and addresses of the publisher and business manager are: Publisher, C. DeWitt White Co., Providence, R. I.; Business Manager, Charles D'W. White, 1311 Smith Street, Providence, R. I.

2. That the owner is: Charles D'W. White, owner of C. DeWitt White Co., 1311 Smith St., Providence, R. I.

3. That the known bondholders, mortgagees, and other security holders owning or holding 1 per cent or more of total amount of bonds, mortgages, or other securities are: None.

CHARLES D'W. WHITE, Owner.

Sworn to and subscribed before me this 23rd day of September, 1933.

(My commission expires June 30, 1936.)

JOSEPH W. HOPE.

# CUBAN BROADCASTING STATIONS

## 100 Watt Power and Over

Call Let'rs		W.L.	K.C.	W.P.
CMAF	Int. Broadcasting Co., Miramar	440.9-	680-	1000
CMBC	Domingo Fernandez, Habana	236.1-1270-		150
CMBD	Luis Perez Garcia, Habana	310.8-	965-	150
CMBG	John L. Stowers, Habana	280.2-1070-		225
CMBJ	Emilio Perera, Habana	263.0-1140-		150
CMBN	G. de Sequeira, Habana	253.2-1185-		150
CMBS	Enrique Artelejo, Habana	384.4-	780-	150
CMBW	Alvarez-Mores, Habana	323.5-	925-	150
CMBY	Callejas-Estefani, Habana	243.8-1230-		250
CMBZ	Manuel y G. Salas, Habana	296.9-1010-		150
CMC	Cuban Telephone Co., Habana	356.9-	840-	500
CMCA	Mauel Cruz, Habana	243.8-1230-		150
CMCB	Antonio Capablanca, Habana	280.2-1070-		150
CMCD	Angel Bertematy, Habana	263.0-1140-		250
CMCF	Raoul Karman, Habana	336.9-	390-	250
CMCJ	Rafael Rodriguez, Habana	253.2-1185-		400
CMCN	Antonio Ginard, Habana	218.0-1375-		250
CMCP	Jose A. Yaniz, Habana	236.1-1270-		150
CMCQ	Andres Martinez, Habana	384.4-	780-	1000
CMCR	Aurelio Hernandez, Habana	218.0-1375-		150
CMCU	Jorge Garcia Serra, Habana	475.9-	630-	150
CMCW	Jose Lorenzo, Habana	310.8-	965-	150
CMCY	Manuel D. Autran, Habana	227.1-1320-		500
CMDE	Radio Aurial Ad., Habana	323.5-	925-	150
CMGA	L. Valdes Figueroa, Colon	360.0-	834-	100
CMGF	B. R. de la Torre, Matanzas	315.6-	987-	100
CMHD	Manuel Alvarez, Carbarien	315.6-	950-	250
CMHI	Laviz y Paz, Sta. Clara	289.2-1037-		250
CMJC	Felix Sanchez, Camaguey	217.0-1382-		150
CMJF	John L. Stowers, Camaguey	322.4-	930-	200
CMK	Cea Nacional de Radio, Habana	410.7-	730-	3150
CMKC	Pinol Batlle y Compania, Sanitago de Cuba	290.0-1034-		150
CMQ	Meguel Gabriel, Habana	475.9-	630-	250
CMW	Trincoso-Gil, Habana	508.2-	590-	1400
CMX	Francisco Lavin, Habana	336.9-	890-	1000

# UNITED STATES, CANADIAN, MEXICAN AND CUBAN BROADCASTING STATIONS OF 100 WATT POWER AND OVER ARRANGED BY KILOCYCLES AND WAVE LENGTHS

**Broadcasting Wave Band 545.1 Metres to 199.9 Metres. Kilocycles 550 to 1500.**

K/C	W/L	W/P				
<b>540—555.0</b>			<b>610—491.5</b>		<b>700—428.3</b>	
CKLW Windsor, Ont.		5000	KFRS San Francisco, Cal.	1000	WLW Cincinnati, Ohio	5000
<b>550—545.1</b>			WDAF Kansas City, Mo.	1000	<b>710—422.3</b>	
KFDY Brookings, S. D.		1000	WIP Philadelphia, Pa.	500	KMPC Beverly Hills, Calif.	500
KFUO Clayton, Mo.		1000	WYAF Cleveland, Ohio	500	WOR Newark, N. J.	5000
KFYR Bismark, N. D.		1000	XETR Mexico, D. F.	1000	XEN Mexico City, Mex.	1000
KOAC Corvallis, Oreg.		1000	<b>620—483.6</b>		<b>720—416.4</b>	
KSD St. Louis, Mo.		500	KGW Portland, Ore.	1000	WGN Chicago, Ill.	2500
WDEV Waterbury, Vt.		500	KTAR Phoenix, Ariz.	1000	<b>730—410.7</b>	
WGR Buffalo, N. Y.		1000	WFLA Clearwater, Fla.	1000	CFPL London, Ont.	100
WKRC Cincinnati, Ohio		1000	WLBZ Bangor, Me.	500	CJCA Edmonton, Alta.	500
XEI Morelia, Mex.		125	WSUN St. Petersburg, Fla.	1000	CKAC Montreal, Que.	5000
<b>560—535.4</b>			WTMJ Milwaukee, Wis.	1000	CMK Havana, Cuba	3150
KFDM Beaumont, Tex.		500	<b>625—480.0</b>		<b>735—407.9</b>	
KGIZ Grant City, Mo.		500	HIX Santo Domingo	1000	XEF Villa Acuna, Mexico	50000
KLZ Denver, Colo.		1000	<b>630—475.9</b>		XER Villa Acuna, Mexico	50000
KTAB San Francisco, Calif.		1000	CFCY Charlottetown, P. E. I.	500	<b>740—405.2</b>	
WPI Philadelphia, Pa.		500	CJGX Yorkton, Sask.	500	KMMJ Clay Center, Neb.	1000
WIND Gary, Ind.		1000	CMCQ Havana, Cuba	150	WHBE Portsmouth, N. H.	250
WLIT Philadelphia, Pa.		500	CMQ Havana, Cuba	250	WSB Atlanta, Ga.	50000
WNOX Knoxville, Tenn.		1000	CNRA Moncton, N. B.	500	<b>750—399.8</b>	
WPCC Chicago, Ill.		500	KFRU Columbia, Mo.	500	KGU Honolulu, Hawaii	2500
WQAM Miami, Fla.		1000	KGFX Pierre, S. D.	200	WJR Detroit, Mich.	10000
<b>570—526.0</b>			WGBF Evansville, Ind.	500	<b>760—394.5</b>	
KGKO Wichita Falls, Tex.		250	WMAL Washington, D. C.	250	KXA Seattle, Wash.	250
KMTR Los Angeles, Calif.		500	WOS Jefferson City, Mo.	500	WEW St. Louis, Mo.	1000
KVI Tacoma, Wash.		500	XEZ Merida, Mex.	500	WJZ New York, N. Y.	50000
WKBN Youngstown, O.		500	<b>640—468.5</b>		XEFD Tijuana, B. C.	300
WMAC Syracuse, N. Y.		250	KFI Los Angeles, Calif.	50000	<b>770—389.4</b>	
WMCA New York City		500	WATU Columbus, Ohio	500	KFAB Lincoln, Neb.	5000
WNAX Yankton, S. D.		1000	WOI Ames, Iowa	5000	WBBM Chicago, Ill.	25000
WOSU Columbus, Ohio		1000	<b>645—465.1</b>		<b>780—384.4</b>	
WPCB New York, N. Y.		500	CHRC Quebec, Que.	100	CHWK Chilliwack, B. C.	100
WSYR Syracuse, N. Y.		250	CKCR Waterloo, Ont.	100	CJCS Sudbury, Ont.	500
WWNC Asheville, N. C.		1000	<b>650—461.3</b>		CJRM Moose Jaw, Sask.	500
<b>580—516.9</b>			WSM Nashville, Tenn.	50000	CKPR Port Arthur, Ont.	100
CHMA Edmonton, Alta.		250	KPCB Seattle, Wash.	100	CMBS Havana, Cuba	150
CKCL Toronto, Ont.		100	<b>660—454.3</b>		CMCQ Havana, Cuba	1000
CKUA Edmonton, Alta.		500	WAAW Omaha, Nebr.	500	KELW Burbank, Calif.	500
CRCA Moncton, N. B.		500	WEAF New York, N. Y.	50000	KTM Los Angeles, Cal.	500
KMJ Fresno, Calif.		500	<b>665—451.1</b>		WEAN Providence, R. I.	500
KSAC Manhattan, Kans.		500	RUS San Salvador, El. Sal.	500	WMC Memphis, Tenn.	500
WDBO Orlando, Fla.		250	<b>670—447.5</b>		WTAR Norfolk, Va.	500
WIBW Topeka, Kans.		1000	WMAQ Chicago, Ill.	5000	XEP Mexico, D. F.	500
WOBU Charleston, W. Va.		250	<b>680—440.9</b>		<b>790—379.5</b>	
WTAG Worcester, Mass.		500	CMAF Miramar, Cuba	1000	CMBS Havana, Cuba	150
XEPN P. Negras, Coah.		10000	KFFQ St. Joseph, Mo.	2500	CMBT Havana, Cuba	150
<b>590—508.2</b>			KPO San Francisco, Cal.	50000	KGO San Francisco, Calif.	7500
CMW Havana, Cuba		1400	WPTF Raleigh, N. C.	1000	WGY Schenectady, N. Y.	50000
KHQ Spokane, Wash.		1000	VOWR St. Johns, Newfoundland	500	<b>800—374.8</b>	
WEEL Boston, Mass.		1000	<b>690—434.5</b>		WBAP Ft. Worth, Texas	50000
WKZO Kalamazoo, Mich.		1000	CFAC Calgary, Alta.	500	WFAA Dallas, Texas	50000
WOW Omaha, Nebr.		1000	CFRB Toronto, Ont.	10000	<b>810—370.2</b>	
<b>600—499.7</b>			CJCI Calgary, Alta.	500	WCCO Minneapolis, Minn.	50000
CFCF Montreal, Que.		1000	XET Monterey, Mex.	500	WNYC New York, N. Y.	500
KFOD Anchorage, Alaska		250				
KFSD San Diego, Calif.		1000				
WCAC Storrs, Ct.		250				
WCAO Baltimore, Md.		250				
WICC Bridgeport, Ct.		250				
WMT Waterloo, Iowa		500				
WREC Memphis, Tenn.		500				



**820—365.6**

WHAS Louisville, Ky. 25000

**830—361.2**KOA Denver, Colo. 12500  
WEEU Reading, Pa. 1000  
WHDH Boston, Mass. 1000  
WRUF Gainesville, Fla. 5000  
XETW Mexico City, Mex. 500**834—360.0**

CMGA Colon, Cuba 100

**840—356.9**CJOC Lethbridge, Alta. 100  
CMC Havana, Cuba 500**850—352.7**KIEV Glendale, Calif. 100  
KWKH Shreveport, La. 10000  
WWL New Orleans, La. 10000**860—348.6**WABC-WBOQ N. Y. City 50000  
WHB Kansas City, Mo. 500  
XETH Puebla, Mex. 100**870—344.6**WENR Chicago, Ill. 50000  
WLS Chicago, Ill. 50000  
XEAD Mexico, D. F. 250**880—340.7**CJRW Fleming, Sask. 500  
CRCO Ottawa, Ont. 500  
KFKA Greeley, Ohio 500  
KLX Oakland, Calif. 1000  
WCOC Meridian, Miss. 500  
KPOF Denver, Colo. 500  
WGBI Scranton, Pa. 250  
WQAN Scranton, Pa. 250  
WSUI Iowa City, Iowa 500**890—336.9**CFQC Saskatoon, Sask. 500  
CMCF Havana, Cuba 250  
CMX Havana, Cuba 1000  
KARK Little Rock, Ark. 250  
KFNF Shenandoah, La. 500  
KSEI Pocatello, Idaho 500  
KUSD Vermillion, S. D. 250  
WGST Atlanta, Ga. 250  
WILL Urbana, Ill. 250  
WJAR Providence, R. I. 250  
WMMN Fairmont, W. Va. 500  
XETU Pachuca, Mex. 100**900—333.1**KGBU Ketchikan, Alaska 500  
KHJ Los Angeles, Calif. 1000  
WBN Buffalo, N. Y. 1000  
WJAX Jacksonville, Fla. 1000  
WKY Oklahoma City, Ok. 1000  
WLBL Stevens Point, Wis. 2000**910—329.5**CKY Winnipeg, Man. 5000  
XEW Mexico City, Mex. 5000**915—325**

CFRC Kingston, Ont. 100

**920—325.9**HHK Port au Prince, Haiti 1000  
KFEL Denver, Colo. 500  
KFEX Denver, Colo. 500  
KOMO Seattle, Wash. 1000  
KPRC Houston, Tex. 1000  
WAAF Chicago, Ill. 500  
WBSO Needham, Mass. 500  
WWJ Detroit, Mich. 1000**925—323.5**CMBW Havana, Cuba 150  
CMDE Havana, Cuba 150**930—322.4**CFCH North Bay, Ont. 100  
CFCL Prescott, Ont. 100  
CKPC Preston, Ont. 100  
CKX Brandon, Man. 500  
CMJF Camaguey, Cuba 200  
KFWI San Francisco, Calif. 500  
KGBZ York, Nebr. 500  
KMA Shenandoah, Ia. 500  
KROW Oakland, Calif. 500  
WBRC Birmingham, Al 500  
WDBJ Roanoke, Va. 500**940—319.0**KOIN Portland, Ore. 1000  
WAAT Jersey City, N. J. 300  
WCHS Portland, Maine 1000  
WDAY Fargo, N. D. 1000  
WFIW Hopkinsville, Ky. 1000  
WHA Madison, Wisc. 1000  
XEFO Mexico City, Mex. 5000**950—315.6**CMHD Caebarien, Cuba 250  
KFWB Hollywood, Calif. 1000  
KGHL Billings, Mont. 1000  
KMBC Kansas City, Mo. 1000  
WRC Washington, D. C. 500**960—312.3**

CRCT Toronto, Ont. 5000

**965—310.8**CMBD Havana, Cuba 150  
CMCW Habana, Cuba 150  
XEAW Reynosa, Mex. 10000**970—309.1**KJR Seattle, Wash. 5000  
WCFL Chicago, Ill. 1500  
WIBG Elkins Park, Pa. 100**980—305.9**

KDLA Pittsburg, Pa. 50000

**987—303.3**

CMGF Matanzas, Cuba 100

**990—302.8**WBZ Boston, Mass. 25000  
WBZA Boston, Mass. 1000  
XEK Mexico City, Mex. 101**1000—299.8**KFVD Los Angeles, Calif. 250  
WOC-WHO Des Moines, Ia. 50000  
WORK York, Pa. 1000  
XEFE Nuevo Laredo, Mex. 100  
XEA Guadalajara, Mex. 125**1010—296.9**CHWC Regina, Sask. 500  
CKCD Vancouver, B. C. 100  
CKCO Ottawa, Ont. 100  
CKCK Regina, Sask. 500  
CKOC Hamilton, Ont. 100  
CKWX Vancouver, B. C. 100  
CMBZ Havana, Cuba 150  
KGGF Coffeyville, Kans. 500  
KQW San Jose, Calif. 500  
WHN New York, N. Y. 250  
WIS Columbia, S. C. 500  
WNAD Norman, Okla. 500  
WQAO-WPAP N. Y. City 250  
WRNY New York, N. Y. 250  
XEU Veracruz, Mex. 100**1015—295.4**

XEJ C. Juarez, Chih. 500

**1020—293.9**KYW Chicago, Ill. 10000  
WRAX Philadelphia, Pa. 250  
XES Tampico, Tams. 250**1030—291.1**CFBO St. John, N. B. 500  
CFCN Strathmore, Alta. 10000  
CKNC Toronto, Ont. 100  
XEB Mexico City, Mex. 1000**1035—290.0**CMHI Sta. Clara, Cuba 250  
CMCK Santiago de Cuba 150**1040—288.3**KRLD Dallas, Texas 10000  
KTHS Hot Springs, Ark. 10000  
WESG Elmira, N. Y. 1000  
WKAR E. Lansing, Mich. 1000**1050—285.5**CHNS Halifax, N. S. 500  
KFBI Abilene, Kansas 5000  
KNX Los Angeles, Calif. 25000  
XEFC Merida, Mex. 100**1060—282.8**KWJJ Portland, Ore. 500  
WBAI Baltimore, Md. 10000  
WJAG Norfolk, Nebr. 1000  
WTIC Hartford, Conn. 50000**1070—280.2**CMBG Havana, Cuba 225  
CMCB Havana, Cuba 150  
KJBS San Francisco, Calif. 100  
WDZ Tuscola, Ill. 100  
WTAM Cleveland, Ohio 50000**1080—277.6**WBT Charlotte, N. C. 25000  
WCBD Zion, Ill. 5000  
WMBI Chicago, Ill. 5000  
XEFG Mexico, D. F. 250**1090—275.1**KMOX St. Louis, Mo. 50000  
XEAT Mexico, D. F. 100**1100—272.6**CRCV Vancouver, B. C. 500  
WLWL New York, N. Y. 5000  
WPG Atlantic City, N. J. 5000**1110—270.1**KSOO Sioux Falls, S. Dak. 2500  
WRVA Richmond, Va. 5000**1120—267.7**CFCAT Toronto, Ont. 100  
CHGS Summerside, P. E. I. 100  
CHLP Montreal, Que. 100  
KFIO Spokane, Wash. 100  
KFSG Los Angeles, Calif. 500  
KRKD Los Angeles, Calif. 500  
KRSC Seattle, Wash. 100  
KTRH Houston, Tex. 1000  
WDEL Wilmington, Del. 250  
WHAD Milwaukee, Wis. 250  
WISN Milwaukee, Wis. 250  
WTAW College Station, Tex. 500**1130—265.3**KSL Salt Lake City, Utah 50000  
WJID Mooseheart, Ill. 2000  
WOV New York, N. Y. 1000**1132—265.0**

XEH Monterey, Mexico 250

**1140—263.0**CMBJ Havana, Cuba 150  
CMCD Havana, Cuba 250  
KVOO Tulsa, Okla. 5000  
WAPI Birmingham, Ala. 5000  
XETA Mexico, D. F. 2500**1150—260.7**

WHAM Rochester, N. Y. 25000

**1155—260.2**

XED Guadalajara, Mex. 500  
**1160—258.5**  
 WOWO Ft. Wayne, Ind. 10000  
 WWVA Wheeling, W. Va. 5000  
**1170—256.3**  
 WCAU Philadelphia, Pa. 50000  
**1180—254.1**  
 HIJK Santa Domingo 15000  
 KEX Portland, Ore. 5000  
 KOB Albuquerque, N. M. 10000  
 WDGY Minneapolis, Minn. 1000  
 WINS New York, N. Y. 500  
 WMAZ Macon, Ga. 500

**1185—253.2**

CMBN Habana, Cuba 150  
 CM CJ Habana, Cuba 400  
**1190—252.0**  
 WOAI San Antonio, Texas 50000  
 WSAZ Huntington, W. Va. 1000

**1200—249.9**

CKOV Kelowna, B. C. 100  
 KBTM Paragould, Ark. 100  
 KERN Bakersfield, Calif. 100  
 KFBI Marshalltown, Ia. 100  
 KFJD Nampa, Ida. 100  
 KFJX Grand Junction, Colo. 100  
 KGCU Mandan, N. D. 100  
 KGDE Fergus Falls, Minn. 100  
 KGEK Yuma, Colo. 100  
 KGEW Ft. Morgan, Colo. 100  
 KGFL Los Angeles, Calif. 100  
 KGHI Little Rock, Ark. 100  
 KGOV Missoula, Mont. 100  
 KIGY Lowell, Ariz. 100  
 KMLB Monroe, La. 100  
 KSUN Lowell, Ariz. 100  
 KVOG Bellingham, Wash. 100  
 KWG Stockton, Calif. 100  
 WABI Bangor, Me. 100  
 WBBX New Orleans, La. 100  
 WBBZ Ponca City, Okla. 100  
 WBBN Huntsville, Ala. 100  
 WCAT Rapid City, S. D. 100  
 WCAX Burlington, Vt. 100  
 WCLO Kenosha, Wis. 100  
 WFAM So. Bend, Ind. 100  
 WFBC Greenville, S. C. 100  
 WFBE Cincinnati, Ohio 100  
 WHBC Canton, Ohio 100  
 WHBY Green Bay, Wis. 100  
 WIBX Utica, N. Y. 100  
 WIL St. Louis, Mo. 100  
 WJBC La Salle, Ill. 100  
 WJBL Decatur, Ill. 100  
 WTBW New Orleans, La. 100  
 WKBO Harrisburg, Pa. 100  
 WKJC Lancaster, Pa. 100  
 WLAP Louisville, Ky. 100  
 WNBO Silver Haven, Pa. 100  
 WPHR Petersburg, Va. 100  
 WRBL Columbus, Ga. 100  
 WWAE Hammond, Ind. 100

**1210—247.8**

CFCO Chatham, Ont. 100  
 CHGC New Carlisle, Que. 100  
 CJOR Vancouver, B. C. 500  
 CKCH Hull, Que. 100  
 CKMC Cobalt, Ont. 100  
 KASA Elk City, Okla. 100  
 KFII Klamath Falls, Oreg. 100  
 KFFV Fort Smith, Ark. 100  
 KDLR Devils Lake, N. D. 100  
 KFOR Lincoln, Nebr. 100  
 KFVS Cape Gerardeau, Mo. 100

KFXM San Bernardino, Calif. 100  
 KGCR Watertown, S. D. 100  
 KGY Olympia, Wash. 100  
 KWEA Shreveport, La. 100  
 KWFV Hilo, Hawaii 100  
 WALR Zanesville, O. 100  
 WBAX Wilkes Barre, Pa. 100  
 WBBL Richmond, Va. 100  
 WCBF Springfield, Ill. 100  
 WCRW Chicago, Ill. 100  
 WEBQ Harrisburg, Ill. 100  
 WEHC Emory, Va. 100  
 WFAS White Plains, N. Y. 100  
 WGBB Freeport, N. Y. 100  
 WGCN Mississippi City, Miss. 100  
 WGNV Chester Town, N. Y. 100  
 WHBF Rock Island, Ill. 100  
 WHBU Anderson, Ind. 100  
 WIBU Poynette, Wisc. 100  
 WHET Troy, Ala. 100  
 WJBI Redbank, N. J. 100  
 WJBU Sunbury, Pa. 100  
 WJBY Gadsden, Ala. 100  
 WJBJ Hagerstown, Md. 100  
 WJW Akron, Ohio 100  
 WKFL Greenwood, Miss. 100  
 WKOK Sunbury, Pa. 100  
 WMBG Richmond, Va. 100  
 WOMET Manitowoc, Wis. 100  
 WPRO Providence, R. I. 100  
 WQDX Thomasville, Ga. 100  
 WSBC Chicago, Ill. 100  
 WSEN Columbus, Ohio 100  
 WSIX Springfield, Tenn. 100  
 WSOC Charlotte, N. C. 100  
 WTXA Springfield, Ill. 100

**1220—245.8**

KFKU Lawrence, Kans. 500  
 KTW Seattle, Wash. 10.0  
 KWSC Pullman, Wash. 1000  
 WCAD Canton, N. Y. 500  
 WCAE Pittsburg, Pa. 1000  
 WDAE Tampa, Fla. 1000  
 WREN Lawrence, Kans. 1000

**1230—243.8**

CMBY Havana, Cuba 250  
 CMCA Havana, Cuba 150  
 KGGM Albuquerque, N. M. 250  
 KYA San Francisco, Cal. 1000  
 WFBM Indianapolis, Ind. 1000  
 WNAC Boston, Mass. 1000  
 WSBT So. Bend, Ind. 500

**1240—241.8**

KGCU Mandan, N. D. 250  
 KLPM Minot, N. D. 250  
 KTAT Fort Worth, Tex. 500  
 KTFI Twin Falls, Ida. 500  
 WKAO San Juan, P. R. 1000  
 WXYZ Detroit, Mich. 1000

**1250—239.9**

KFMX Northfield, Minn. 1000  
 KFOX Long Beach, Calif. 1000  
 WCAL Northfield, Minn. 250  
 WDSU New Orleans, La. 1000  
 WGCP Newark, N. J. 250  
 WLB Minneapolis, Minn. 1000  
 WODA-WAAM Newk'n, N. J. 1000  
 WRHM Minneapolis, Minn. 1000  
 XEFA Mexico City, Mex. 500

**1260—238.0**

KOIL Council Bluffs, Ia. 1000  
 KRGV Harlingen, Tex. 500  
 KUOA Fayetteville, Ark. 1000  
 KVOA Tucson, Ari. 1000  
 KWVG Brownsville, Tex. 500  
 WLWB Erie, Pa. 500  
 WNBX Springfield, Vt. 250  
 WTOC Savannah, Ga. 500

**1270—236.1**

CMCP Habana, Cuba 150  
 KGCA Decorah, Iowa 100  
 KOL Seattle, Wash. 1000  
 KFOR Colo. Springs, Colo. 1000  
 KWLC Decorah, Ia. 100  
 WASH Grand Rapids, Mich. 500  
 WFER Baltimore, Md. 500  
 WJDX Jackson, Miss. 1000  
 WOOD Grand Rapids, Mich. 500

**1280—234.2**

KFBB Great Falls, Mont. 1000  
 WCAM Camden, N. J. 500  
 WCAP Asbury Park, N. J. 500  
 WDDO Chattanooga, Tenn. 500  
 WIBA Madison, Wis. 500  
 WORC Worcester, Mass. 500  
 WRR Dallas, Texas. 500  
 WTNJ Trenton, N. J. 500

**1290—232.4**

KDYI Salt Lake City, Utah 1000  
 KFUL Galveston, Texas 500  
 K TSA San Antonio, Tex. 1000  
 WEBC Superior, Wisc. 1000  
 WTAS Pittsburg, Pa. 1000

**1295—231.4**

XEAC San Luis, Potosi 100

**1300—230.6**

KALE Portland, Ore. 500  
 KFAC Los Angeles, Calif. 1000  
 KFH Wichita, Kans. 1000  
 KFJR Portland, Ore. 500  
 KTRB Portland, Ore. 500  
 WBBR Brooklyn, N. Y. 1000  
 WEVD New York, N. Y. 500  
 WFAB New York, N. Y. 1000  
 WHAZ Troy, N. Y. 500  
 WIOD-WMBF Miami, Fla. 1000  
 WOO Kansas City, Mo. 1000

**1310—228.9**

CFCJ Kamloops, B. C. 100  
 CHCK Charlottetown, P.E.I. 100  
 KCRJ Jerome, Ariz. 100  
 KFBC Sacramento, Calif. 100  
 KFGO Boone, Idaho 100  
 KFPL Dublin, Tex. 100  
 KFKR Okla. City, Okla. 100  
 KFYO Lubbock, Texas 100  
 KGBX Springfield, Mo. 100  
 KGCX Wolf Pt., Mont. 100  
 KGEZ Kalispell, Mont. 100  
 KGFV Kearney, Nebr. 100  
 KIT Yakima, Wash. 100  
 KMED Medford, Ore. 100  
 KRMD Shreveport, La. 100  
 K TSM El Paso, Tex. 100  
 KXRO Aberdeen, Wash. 100  
 WAML Laurel, Miss. 100  
 WBEQ Marquette, Mich. 100  
 WBOW Terre Haute, Ind. 100  
 WBRE Wilkes Barre, Pa. 100  
 WCLS Joliet, Ill. 100  
 WDAH El Paso, Texas 100  
 WEBR Buffalo, N. Y. 100  
 WFBG Altoona, Pa. 100  
 WFDL Flint, Mich. 100  
 WGAL Lancaster, Pa. 100  
 WGH New York News, Va. 100  
 WHAT Philadelphia, Pa. 100  
 WIAS Ottumwa, Iowa 100  
 WIAC Johnston, Pa. 100  
 WKBB Joliet, Ill. 100  
 WKBC Birmingham, Ala. 100  
 WLMC Muncie, Ind. 100  
 WMOB Auburn, N. Y. 100  
 WNBH New Bedford, Mass. 100  
 WOL Washington, D. C. 100

WROL Knoxville, Tenn.	100	WLEY Lexington, Mass.	100	WKBI Cicero, Ill.	100
WSAJ Grove City, Pa.	100	WLVA Lynchburg, Va.	100	WLBK Kansas City, Kans.	100
WSJS Winston-Salem, N. C.	100	WMBR Tampa, Fla.	100	WMAS Springfield, Mass.	100
WTEL Philadelphia, Pa.	100	WPFB Hattiesburg, Miss.	100	WMBC Detroit, Mich.	100
WTJS Jackson, Tenn.	100	WRAK Williamsport, Pa.	100	WMBH Joplin, Mo.	100
<b>1315—228.0</b>		WRAM Wilmington, N. C.	100	WNRA Muscle Sh'ls Cy., Ala.	100
XEFB Monterrey, Mex.	100	WRDO Augusta, Me.	100	WPAD Paducah, Ky.	100
<b>1320—227.1</b>		WRIN Racine, Wis.	100	WSPA Spartanburg, S. C.	100
CMCY Habana, Cuba	500	XEFV C. Juarez, Chih.	100	WTBO Cumberland, Md.	100
KGFH Pueblo, Colo.	250	XEFZ Mexico, D. F.	100	<b>1430—209.7</b>	
KGMB Honolulu, Hawaii	250	<b>1375—218.0</b>		KECA Los Angeles, Calif.	1000
KID Idaho Falls, Ida.	250	CMCN Habana, Cuba	250	KGNF North Platte, Neb.	500
TGW Guatemala City, Guat.	250	CMCR Habana, Cuba	150	WBAK Harrisburg, Pa.	1000
WADC Akron, Ohio	500	<b>1380—217.3</b>		WCAH Columbus, Ohio	500
WSMB New Orleans, La.	500	KOH Reno, Nev.	500	WFEA Manchester, N. H.	500
<b>1325—226.3</b>		KOV Pittsburg, Pa.	500	WHP Harrisburg, Pa.	500
CMCW Havana, Cuba	150	WKBH La Crosse, Wis.	1000	WNBR Memphis, Tenn.	500
<b>1330—225.4</b>		WQDM St. Albans, Vt.	100	<b>1440—208.2</b>	
KGB San Diego, Calif.	1000	WSMK Dayton, Ohio	200	KDFN Casper, Wyoming	500
KMO Tacoma, Wash.	250	<b>1382—217.0</b>		KLS Oakland, Calif.	250
KSCJ Sioux City, Ia.	1000	CMCJ Camaguey, Cuba	150	WBIG Greensboro, N. C.	500
WDRC Hartford, Ct.	1000	<b>1390—215.7</b>		WCHA Allentown, Pa.	250
WSAI Cincinnati, Ohio	1000	KLRA Little Rock, Ark.	1000	WHCC Rochester, N. Y.	500
WTAQ Eau Claire, Wis.	1000	KOY Phoenix, Ari.	500	WMBD Peoria Hts., Ill.	500
XEQ Mexico, D. F.	500	WHK Cleveland, Ohio	1000	WOKO Albany, N. Y.	500
<b>1340—223.7</b>		<b>1400—214.2</b>		WSAN Allentown, Pa.	100
KFPY Spokane, Wash.	1000	KLO Salt Lake City, Utah	500	WTAD Quincy, Ill.	500
KGDY Huron, S. D.	250	KOCW Tulsa, Okla.	250	<b>1450—206.8</b>	
KGNO Dodge City, Kans.	250	WBAW W. Lafayette, Ind.	500	KTHS Shreveport, La.	1000
WCOA Pensacola, Fla.	500	WBBC Brooklyn, N. Y.	500	WBMS Hackensack, N. J.	250
WSPD Toledo, Ohio	1000	WCGU Brooklyn, N. Y.	500	WGAR Cleveland, Ohio	500
<b>1350—222.1</b>		WFOX New York, N. Y.	500	WHOM Jersey City, N. J.	250
KIDO Boise, Ida.	1000	WKBFB Indianapolis, Ind.	500	WSAR Fall River, Mass.	250
KWK St. Louis, Mo.	1000	WLTH Brooklyn, N. Y.	500	WTFI Athens, Ga.	500
WAWZ Zarephath, N. J.	250	<b>1410—212.6</b>		<b>1460—205.4</b>	
WBXN New York, N. Y.	250	CKMO Vancouver, B. C.	100	KSTP St. Paul, Minn.	10000
WEHC Charlotteville, Va.	500	KFLV Rockford, Ill.	500	WJSV Alexandria, Va.	10000
<b>1360—220.4</b>		KGRS Amarillo, Texas	1000	<b>1470—204.0</b>	
KGER Long Beach, Calif.	1000	WAAB Boston, Mass.	500	KGA Spokane, Wash.	5000
KGIR Butte, Mont.	500	WBCM Bay City, Mich.	500	WLAC Nashville, Tenn.	5000
WCSC Charleston, S. C.	500	WDAG Amarilla, Tex.	1000	<b>1480—202.6</b>	
WFBL Syracuse, N. Y.	1000	WHBL Sheboygan, Wisc.	500	KOMA Oklahoma City, Okla.	5000
WGES Chicago, Ill.	500	WHIS Bluefield, W. Va.	250	WKBW Buffalo, N. Y.	5000
WQBC Vicksburg, Miss.	500	WODX Mobile, Ala.	500	<b>1490—201.2</b>	
<b>1370—218.8</b>		WRBX Roanoke, Va.	250	WCKY Covington, Ky.	5000
HRB Tegucigalpa, Honduras	2300	WSFA Montgomery, Ala.	500	<b>1500—199.9</b>	
KCRC Enid, Okla.	100	<b>1420—211.1</b>		CRCS Chicoutimi, Que.	100
KFJM Grand Forks, N. D.	100	KABC San Antonio, Texas.	100	KDB Santa Barbara, Calif.	100
KFJZ Fort Worth, Tex.	100	KBPS Portland, Ore.	100	KGFI Corpus Christie, Tex.	100
KGAR Tucson, Ariz.	100	KCMC Texarkana, Ark.	100	KGFK Moorhead, Minn.	100
KGFG Okla. City, Okla.	100	KFIZ Fond du lac, Wis.	100	KGKB Tyler, Texas	100
KGKL San Angelo, Tex.	100	KGFF Shawnee, Okla.	100	KGKY Scottsbluff, Neb.	100
KICA Clovis, N. M.	100	KGGC San Francisco, Calif.	100	KNOW Austin, Texas	100
KLUF Galveston, Tex.	100	KGIW Almosa, Colo.	100	KPJM Prescott, Ariz.	100
KMAC San Antonio, Tex.	100	KGIX Las Vegas, Nev.	100	KPQ Wenatchee, Wash.	100
KONO San Antonio, Tex.	100	KICK Carter Lake, Iowa	100	KREG Santa Ana, Calif.	100
KOOS Marshfield, Ore.	100	KIDW Lamar, Colo.	100	KXO El Centro, Calif.	100
KRE Berkeley, Calif.	100	KORE Eugene, Ore.	100	WCNW Brooklyn, N. Y.	100
KSO Des Moines, Iowa	100	KTUE Houston, Tex.	100	WFDV Rome, Ga.	100
KUJ San Francisco, Calif.	100	KUMA Yuma, Ariz.	100	WHEF Kosciusko, Miss.	100
KVL Seattle, Wash.	100	KWCR Cedar Rapids, Iowa	100	WKBV Richmond, Ind.	100
KWKC Kansas City, Mo.	100	KXI Portland, Ore.	100	WKBZ Ludington, Mich.	100
WBTM Danville, Va.	100	KXYZ Houston, Texas	250	WKEU LaGrange, Ga.	100
WCBM Baltimore, Md.	100	WACO Waco, Texas	100	WLOB Boston, Mass.	100
WDAS Philadelphia, Pa.	100	WAGM Presque Isle, Me.	100	WMBQ Brooklyn, N. Y.	100
WGL Ft. Wayne, Ind.	100	WAMC Anniston, Ala.	100	WMPC Lapeer, Mich.	100
WGLC Glen Falls, N. Y.	100	WAZL Hazleton, Pa.	100	WNBF Binghamton, N. Y.	100
WHBD Bellefontaine, O.	100	WEED Greenville, N. C.	100	WOPI Bristol, Tenn.	100
WHBQ Memphis, Tenn.	100	WEHS Cicero, Ill.	100	WPEN Philadelphia, Pa.	100
WHDF Calumet, Mich.	100	WENC Americus, Ga.	100	WRDW Augusta, Ga.	100
WIRM Jackson, Mich.	100	WHDL Tupper Lake, N. Y.	100	WSYB Rutland, Vt.	100
WJBK Detroit, Mich.	100	WHFC Cicero, Ill.	100	WWRI Woodside, N. Y.	100
WJTL Oglethorpe, Ga.	100	WILM Wilmington, Del.	100	WWSW Pittsburgh, Pa.	100
		WTBO New Orleans, La.	100		
		WJMS Ironwood, Mich.	100		

# UNITED STATES, CANADIAN, MEXICAN AND CUBAN BROADCASTING STATIONS OF 100 WATT POWER AND OVER

City or Town	Call Let.	K/C	Dial Reading	City or Town	Call Let.	K/C	Dial Reading
Aberdeen, Wash.	KXRO		1310	Boone, Ia.	KFGQ		1310
Abilene, Kansas	KFBI		1050	Boston, Mass.	WAAB		1410
Akron, Ohio	WADC		1320		WBZ		990
	WJW		1210		WBZA		990
Albany, N.Y.	WOKO		1440		WEEL		590
Albuquerque, N.M.	KGGM		1230		WHDH		830
	KOB		1180		WLOE		1500
Alexandria, Va.	WJSV		1460		WNAC		1230
Allentown, Pa.	WCBA		1440	Brandon, Man.	CKX		930
	WSAN		1440	Bridgeport, Ct.	WICC		600
Almosa, Colo.	KGIW		1420	Bristol, Tenn.	WOPI		1500
Altoona, Pa.	WFBG		1310	Brookings, S.D.	KFDY		550
Amarillo, Tex.	KGRS		1410	Brooklyn, N.Y.	WBBC		1400
	WDAG		1410		WBBR		1300
Americus, Ga.	WENC		1420		WCGU		1400
Ames, Iowa	WOI		640		WCNW		1500
Anchorage, Alaska	KFQD		600		WFOX		1400
Anderson, Ind.	WHBU		1210		WLTH		1400
Anniston, Ala.	WAMC		1420		WMBQ		1500
Arlington, Va.	NAA		690	Brownsville, Tex.	KWWG		1260
Asbury Park, N.J.	WCAP		1280	Buffalo, N.Y.	WBEN		900
Asheville, N.C.	WWNC		570		WEBR		1310
Athens, Ga.	WTFI		1450		WGR		550
Atlanta, Ga.	WGST		890		WKBW		1480
	WSB		740	Burbank, Calif.	KELW		780
Atlantic City, N.J.	WPG		1100	Burlington, Vt.	WCAX		1200
Auburn, N.Y.	WMBO		1310	Butte, Mont.	KGIR		1360
Augusta, Ga.	WRDW		1500	Caebarien, Cuba	CMHD		950
Augusta, Me.	WRDO		1370	Calgary, Alta.	CFAC		690
Austin, Texas	KNOW		1500		CFCN		985
Bakersfield, Calif.	KERN		1200		CJCJ		690
Baltimore, Md.	WBAL		1060		CKLA		840
	WCAO		600	C. Juarez, Mex.	XEFV		1370
	WCBM		1370		XEJ		1015
	WFBR		1270	Calumet, Mich.	WHDF		1370
Bangor, Me.	WABI		1200	Camaguey, Cuba	CMJC		1382
	WLBZ		620		CMJF		930
Bay City, Mich.	WBCM		1410	Camden, N.J.	WCAM		1280
Beaumont, Tex.	KFDM		560	Canton, N.Y.	WCAD		1220
Bellingham, Wash.	KVOS		1200	Canton, Ohio	WHBC		1200
Berkley, Calif.	KRE		1370	Cape Girardeau, Mo.	KFVS		1210
Beverly Hills, Calif.	KMPC		710	Carter Lake, Iowa	KICK		1420
Billings, Mont.	KGHL		950	Casper, Wyoming	KDFN		1440
Binghamton, N.Y.	WNBF		1500	Cedar Rapids, Iowa	KWCR		1420
Birmingham, Ala.	WAPI		1140	Charleston, S. C.	WCSC		1360
	WBRC		930	Charleston, W. Va.	WOBV		580
	WKBC		1310	Charlotte, N.C.	WBT		1080
Bismark, N.D.	KFYR		550		WSOC		1210
Bluefield, W. Va.	WHIS		1410	Charlottetown, P.E.I.	CFCY		630
Boise, Ida.	KIDO		1350		CHCK		1310

City or Town	Call Let. K/C Dial Reading	City or Town	Call Let. K/C Dial Reading
Charlottesville, Va.	WEHC 1350	Dallas, Tex.	KRLD 1040
Chatham, Ont.	CFCO 1210		WFAA 800
Chattanooga, Tenn.	WDOD 1280		WRR 1280
Chicago, Ill.	KYW 1020	Danville, Va.	WBTM 1370
	WAAF 920	Dayton, Ohio	WSMK 1380
	WBBM 770	Decatur, Ill.	WJBL 1200
	WCFL 970	Decorah, Iowa	KGCA 1270
	WCRW 1210		KWLC 1270
	WEDC 1210	Denver, Colo.	KFEL 920
	WENR 870		KFXF 920
	WGES 1360		KLZ 560
	WGN 720		KOA 830
	WLS 870		KPOF 880
	WMAQ 670	Des Moines, Iowa	KSO 1370
	WMBI 1080		WOC-WHO 1000
	WPCC 560	Detroit, Mich.	WJBK 1370
	WSBC 1210		WJR 750
Chicoutimi, Que.	CRCS 1500		WMBC 1420
Chihuahua, Mex.	XEFI 1000		WWJ 920
Chilliwack, B.C.	CHWK 780		WXYZ 1240
Cicero, Ill.	WEHS 1420	Devil's Lake, N.D.	KDLR 1210
	WHFC 1420	Dodge City, Kans.	KGNC 1340
	WKBI 1420	E. Lansing, Mich.	WKAR 1040
Cincinnati, Ohio	WFBE 1200	Eau Claire, Wis.	WTAQ 1330
	WKRC 550	Edmonton, Alta.	CHMA 580
	WLW 700		CJCA 730
	WSAI 1330		CKUA 580
Clay Center, Nebr.	KMMJ 740	El Centro, Calif.	KXO 1500
Clayton, Mo.	KFUO 550	Elk City, Okla.	KASA 1210
Clearwater, Fla.	WFLA 620	Elkins Park, Pa.	WIBG 970
Cleveland, Ohio	WGAR 1450	El Paso, Tex.	KTSM 1310
	WHK 1390		WDAH 1310
	WJAY 610	Elmira, N.Y.	WESG 1040
	WTAM 1070	Enid, Okla.	KCRC 1370
Clovis, N.M.	KICA 1370	Erie, Pa.	WERE 1420
Cobalt, Ont.	CKMC 1210		WLBW 1260
Coffeyville, Kans.	KGGF 1010	Eugene, Ore.	KORE 1420
College Sta., Tex.	WTAW 1120	Evansville, Ind.	WGBF 630
Colon, Cuba	CMGA 834	Fairmont, W. Va.	WMMN 890
Colo. Springs, Colo.	KVOR 1270	Fall River, Mass.	WSAR 1450
Columbia, Mo.	KFRU 630	Fargo, N.D.	WDAY 940
Columbia, S.C.	WIS 1010	Fayetteville, Ark.	KUOA 1260
Columbus, Ga.	WRBL 1200	Fergus Falls, Minn.	KGDE 1200
Columbus, Ohio	WAIU 640	Fleming, Sask.	CJRW 880
	WCAH 1430	Flint, Mich.	WFDL 1310
	WOSU 570	Fond du Lac, Wis.	KFIZ 1420
	WSEN 1210	Fort Morgan, Colo.	KGEW 1200
Corpus Christi, Tex.	KGFI 1500	Fort Smith, Ark.	KFPW 1210
Corvallis, Ore.	KOAC 550	Fort Wayne, Ind.	WGL 1370
Council Bluffs, Iowa	KOIL 1260		WOWO 1160
Covington, Ky.	WCKY 1490	Ft. William, Ont.	CKPR 890
Cumberland, Md.	WTBO 1420	Fort Worth, Texas	KFJZ 1370



City or Town F. W'th, Tx. (Cont.)	Call Let. K/C KTAT 1240	Dial Reading	City or Town Havana,Cuba (Cont.)	Call Let. K/C CMCB 1070	Dial Reading
Frederickton,N.B.	CFNB 1210	.....		CMCD 1140	.....
Freeport,N.Y.	WGBB 1210	.....		CMCF 890	.....
Fresno,Calif.	KMJ 580	.....		CMCJ 1185	.....
Gadsden, Ala.	WJBY 1210	.....		CMCN 1375	.....
Gainesville,Fla.	WRUF 830	.....		CMCP 1270	.....
Galveston,Tex.	KFLX 1370	.....		CMCQ 780	.....
	KFUI 1290	.....		CMCR 1375	.....
	KLUF 1370	.....		CMCU 630	.....
Gary,Ind.	WIND 560	.....		CMCW 965	.....
Glace Bay,N.S.	VAS 685	.....		CMCY 1320	.....
Glendale,Calif.	KIEV 850	.....		CMDE 925	.....
Glen Falls,N.Y.	WGLC 1370	.....		CMK 730	.....
Grand Forks,N.D.	KFJM 1370	.....		CMQ 630	.....
Grand Junc.,Colo.	KFXJ 1200	.....		CMW 590	.....
Gr'd Rapids,Mich.	WASH 1270	.....		CMX 890	.....
	WOOD 1270	.....	Hazleton,Pa.	WAZL 1420	.....
Grant City,Mo.	KGIZ 560	.....	Hilo,Hawaii	KWFV 1210	.....
Great Falls,Mont.	KFBB 1280	.....	Hollywood,Calif.	KFWB 950	.....
Greeley,Colo.	KFKA 880	.....	Honolulu,Hawaii	KGMB 1320	.....
Green Bay,Wis.	WHBY 1200	.....		KGU 750	.....
Greensboro,N.C.	WBIG 1440	.....	Hopkinsville,Ky.	WFTW 940	.....
Greenville,N.C.	WEED 1420	.....	HotSprings,Ark.	KTHS 1040	.....
Greenville,S.C.	WFBC 1200	.....	Houston,Tex.	KPRC 920	.....
Greenwood,Miss.	WKFI 1210	.....		KTRH 1120	.....
Grove City,Pa.	WSAJ 1310	.....	Hull,Que.	CKCH 1210	.....
Guadalajara,Mex.	XEA 1000	.....	Huntington,W.Va.	WSAZ 1190	.....
	XED 1155	.....	Huntsville,Ala.	WBHN 1200	.....
Guatemala City,Guat.	TCW 250	.....	Huron,S.D.	KGDY 1340	.....
Hackensack,N.J.	WBMS 1450	.....	Idaho Falls,Idaho	KID 1320	.....
Hagerstown,Md.	WJEJ 1210	.....	Indianapolis,Ind.	WFBM 1230	.....
Halifax,N.S.	CHNS 1050	.....		WKBF 1400	.....
	CNRH 815	.....	Iowa City,Iowa	WSUI 600	.....
Hammond,Ind.	WVAE 1200	.....	Ironwood,Mich.	WJMS 1420	.....
Hamilton,Ont.	CKOC 1010	.....	Jackson,Mich.	WIBM 1370	.....
Harlingen,Tex.	KRGV 1260	.....	Jackson,Miss.	WJDX 1270	.....
Harrisburg,Ill.	WEBQ 1210	.....	Jackson,Tenn.	WTJS 1310	.....
Harrisburg,Pa.	WBAK 1430	.....	Jacksonville,Fla.	WJAX 900	.....
	WHP 1430	.....	Jefferson City,Mo.	WOS 630	.....
	WKBO 1200	.....	Jerome, Ariz.	KCRJ 1310	.....
Hartford,Conn.	WDRG 1330	.....	Jersey City,N.J.	WAAT 940	.....
	WTIC 1060	.....		WHOM 1450	.....
Hattiesburg,Miss.	WPFB 1370	.....	Johnstown,Pa.	WJAC 1310	.....
Havana,Cuba	CMBD 965	.....	Joliet,Ill.	WCLS 1310	.....
	CMBG 1070	.....		WKBB 1310	.....
	CMBJ 1140	.....	Joplin,Mo.	WMBH 1420	.....
	CMBN 1185	.....	Kalamazoo, Mich.	WKZO 590	.....
	CMBS 780	.....	Kalispell,Mont.	KGEZ 1310	.....
	CMBW 925	.....	Kamloops,B.C.	CFCJ 1310	.....
	CMBZ 1010	.....	Kansas City,Kans.	WLBK 1420	.....
	CMC 840	.....	Kansas City,Mo.	KMBC 950	.....
	CMCA 1230	.....		KWKC 1370	.....
				WDAF 610	.....

City or Town	Call Let.	K/C	Dial Reading	City or Town	Call Let.	K/C	Dial Reading
Kan. City, Mo. (Cont.)	WHB	860		Madison, Wis.	WHA	940	
	WOQ	1300			WIBA	1280	
Kearney, Nebr.	KGFW	1310		Manchester, N.H.	WFEA	1430	
Kelowna, B.C.	CKOV	1200		Mandon, N.D.	KGCU	1240	
Kenosha, Wisc.	WCLO	1200		Manhattan, Kans.	KSAC	580	
Ketchikan, Alaska	KGBU	900		Manitowoc, Wis.	WOMT	1210	
Kingston, Ont.	CFRC	915		Marquette, Mich. W	WBEQ	1310	
Klamath Falls, Oreg.	KFJI	1210		Marshalltown, Ia.	KFJB	1200	
Knoxville, Tenn.	WNOX	560		Marshfield, Ore.	KOOS	1370	
	WROL	1310		Matanzas, Cuba	CMGF	987	
Kosciusko, Miss.	WHEF	1500		Medford, Ore.	KMED	1310	
LaGrange, Ga.	WKEU	1500		Memphis, Tenn.	WHBQ	1370	
Lamar, Colo.	KIDW	1420			WMC	780	
LaCrosse, Wis.	WKBH	1380			WNBR	1430	
Lafayette, Ind.	WBAA	1400			WREC	600	
Lancaster, Pa.	WGAL	1310		Merida, Mex.	XEFC	1050	
	WKJC	1200			XEZ	630	
Lapeer, Mich.	WMPC	1500		Meridian, Miss.	WCOC	880	
LaSalle, Ill.	WJBC	1200		Mexico City, Mexico	XEAD	875	
Las Vegas, Nev.	KGIX	1420			XEAI	1090	
Laurel, Miss.	WAML	1310			XEB	1030	
Lawrence, Kans.	KFKU	1220			XEFA	1250	
	WREN	1220			XEFG	1080	
Lethbridge, Alta.	CJOC	840			XEFO	940	
Lexington, Mass.	WLEY	1370			XEFZ	1370	
Lincoln, Nebr.	KFAB	770			XEK	990	
	KFOR	1210			XEN	711	
	WCAJ	590			XEP	780	
Little Rock, Ark.	KARK	890			XEQ	1330	
	KGHI	1200			XETA	1140	
	KLRA	1390			XETR	610	
London, Ont.	CFPL	730			XEV	9550	
Long Beach, Calif.	KFOX	1250			XETW	830	
	KGER	1360			XEW	910	
Los Angeles, Calif.	KECA	1430		Miami, Fla.	WQAM	560	
	KFAC	1300			WIOD-WMBF	1300	
	KFI	640					
	KFSG	1120		Milwaukee, Wis.	WHAD	1120	
	KFVD	1000			WISN	1120	
	KGfJ	1200			WTMJ	620	
	KHJ	900					
	KMTR	570		Minneapolis, Minn.	WCCO	810	
	KNX	1050			WDGY	1180	
	KRKD	1120			WLB	1250	
	KTM	780			WRHM	1250	
Louisville, Ky.	WHAS	820		Minot, N.D.	KLPM	1240	
	WLAP	1200		Miramar, Cuba	CMAF	680	
Lowell, Ariz.	KIGY	1200		Miss. City, Miss.	WGCM	1210	
	KSUN	1200		Missoula, Mont.	KGVO	1200	
Lubbock, Texas	KFYO	1310		Mobile, Ala.	WODX	1410	
Ludington, Mich.	WKBZ	1500					
Lynchburg, Va.	WLVA	1370					
Macon, Ga.	WMAZ	1180					

City or Town	Call Let. K/C	Dia.	Reading	City or Town	Call Let. K/C	Dial	Reading
Moncton, N.B.	CRCA		580	Norman, Okla.	WNAD		1010
Monroe, La.	KMLB		1200	North Bay, Ont.	CFCH		930
Monterrey, Mex.	XEFB		1315	Northfield, Minn.	KFMX		1250
	XEFJ		1000		WCAL		1250
	XEH		1132	North Platte, Nebr.	KGNF		1430
	XET		690	Oakland, Calif.	KLS		1440
Montgomery, Ala.	WSFA		1410		KLX		880
Montreal, Que.	CFCF		600		KROW		930
	CHLP		1120	Oglethorpe, Ga.	WJTL		100
	CKAC		730	Oklahoma City, Okla.	KFXR		1310
Moorhead, Minn.	KGFK		1500		KFXR		1310
Moose Jaw, Sask.	CJRM		780		KGFG		1370
Mooseheart, Ill.	WJJD		1130		KOMA		1480
Morelia, Mex.	XEI		550		WKY		900
Mt. Orab, Ohio	WHBD		1370	Olympia, Wash.	KGY		1210
Mt. Vernon Hills, Va.	WJSV		1460	Omaha, Nebr.	WAAW		660
Muevo Laredo, Mex.	XEFE		1000		WOW		590
Muncie, Ind	WLBC		1310	Orlando, Fla.	WDBO		580
M'scle Sh'ls, C., Ala.	WNRA		1420	Ottawa, Ont.	CKCO		1010
Nampa, Ida.	KFXD		1200		CRCO		880
Nashville, Tenn.	WLAC		1470	Ottumwa, Iowa	WIAS		1310
	WSM		650	P. Negrás, Mexico	XEPN		585
Needham, Mass.	WBSO		920	Pachuca, Mex.	XETU		890
Newark, N.J.	WGCP		1250	Paragould, Ark.	KBTM		1200
	WODA-WAAM		1250	Paducah, Ky.	WPAD		1420
	WOR		710	Pensacola, Fl.	WCOA		1340
New Bedford, Mass.	WNBH		1310	Peoria Hts., Ill.	WMBD		1440
New Carlisle, Que.	CHGC		1210	Petersburg, Va.	WPHR		1200
New Orleans, La.	WBBX		1200	Philadelphia, Pa.	WCAU		1170
	WDSU		1250		WDS		1370
	WJBW		1200		WFI		560
	WSMB		1320		WHAT		1310
	WWL		850		WIP		610
	WJBO		1420		WLIT		560
Newport News, Va.	WGH		1310		WPEN		1500
New York, N.Y.	WABC-WBOQ		860		WRAX		1020
	WBNX		1350		WTEL		1310
	WEAF		660	Phoenix, Ariz.	KOY		1390
	WEVD		1300		KTAR		620
	WFAB		1300	Pierre, S.D.	KGFX		630
	WHN		1010	Pittsburgh, Pa.	KDKA		980
	WINS		1180		KQV		1380
	WJZ		760		WCAE		1220
	WLWL		1100		WJAS		1290
	WMCA		570		WWSW		1500
	WNYC		810	Pocatello, Idaho	KSEI		890
	WOV		1130	Ponca City, Okla.	WBBZ		1200
	WPCH		570	Port Arthur, Ont.	CKPR		780
WQAO-WPAP			1010	Port au Prince, Haiti	HHK		920
	WRNY		1010	Portland, Me.	WCSH		940
Norfolk, Nebr.	WJAG		1060	Portland, Ore.	KALE		1300
Norfolk, Va.	WTAR		780		KBPS		1420

City or Town	Call Let.	K/C	Dial Reading	City or Town	Call Let.	K/C	Dial Reading
Portland, Ore. (Cont.)	KEX	1180		St. Petersburg, Fla.	WSUN	620	
	KFJR	1300		Salt Lake City, Utah	KDYL	1290	
	KGW	620			KLO	1400	
	KOIN	940			KSL	1130	
	KWJJ	1060		San Angelo, Tex.	KGKL	1370	
	KXL	1420		San Antonio, Tex.	KABC	1420	
Portsmouth, N.H.	WHEB	740			KMAC	1370	
Poynette, Wis.	WIBU	1210			KONO	1370	
Prescott, Ariz.	KPJM	1500			KTSA	1290	
Prescott, Ont.	CFCL	930			WOAI	1190	
Presque Isle, Me.	WAGM	1420		San Bern'dino, Calif.	KFXM	1210	
Preston, Ontario	CKPC	930		San Diego, Calif.	KFSD	600	
Providence, R.I.	WEAN	780			KGB	1330	
	WJAR	890		San Francisco, Calif.	KFRC	610	
	WPRO	1210			KFWI	930	
Puebla, Mex.	XETH	100			KGGC	1420	
Pueblo, Colo.	KGHF	1320			KGO	790	
Pullman, Wash.	KWSC	1400			KJBS	1070	
Quebec, Que.	CHRC	645			KPO	680	
Quincy, Ill.	WTAD	1440			KTAB	560	
Racine, Wis.	WRJN	1370			KYA	1230	
Radio Center, Minn.	KSTP	1460		San Jose, Calif.	KQW	1010	
Raleigh, N.C.	WPTF	680		San Juan, P.R.	WKAQ	1240	
Rapid City, S.D.	WCAT	1200		San Luis, Mexico	XEAC	1295	
Reading, Pa.	WEEU	830		San Salvador, El Sal.	RUS	664	
	WRAW	1310		Santa Ana, Calif.	KREG	1500	
Red Bank, N.J.	WJBI	1210		Santa Barbara, Calif.	KDB	1500	
Regina, Sask.	CHWC	1010		Santa Domingo	HIJK	1180	
	CKCK	1010			HIX	625	
Reno, Nev.	KOH	1380		Santiago de Cuba	CMKC	1034	
Reynosa, Mex.	XEAW	965		Saskatoon, Sask.	CFQC	890	
Richmond, Ind.	WKBV	1500		Savannah, Ga.	WTOC	1260	
Richmond, Va.	WBBL	1210		Schenectady, N.Y.	WGY	790	
	WMBC	1210		Scottsbluff, Nebr.	KGKY	1500	
	WRVA	1110		Scranton, Pa.	WGBI	880	
Roanoke, Va.	WDBJ	930			WQAN	880	
	WRBX	1410		Seattle, Wash.	KJR	970	
Rochester, N.Y.	WHAM	1150			KOL	1270	
	WHEC	1440			KOMO	920	
Rockford, Ill.	KFLV	1410			KPCB	650	
Rock Island, Ill.	WHBF	1210			KRSC	1120	
Rome, Ga.	WFDV	1500			KTW	1220	
Rutland, Vt.	WSYB	1500			KVL	1370	
Sacramento, Calif.	KFBK	1310			KXA	760	
St. Albans, Vt.	WQDM	1370		Shawnee, Okla.	KGFF	1420	
St. John, N.B.	CFBO	1030		Sheboygan, Wis.	WHBL	1410	
St. Joseph, Mo.	KFEQ	680		Shenandoah, Ia.	KFNF	890	
St. Louis, Mo.	KMOX	1090			KMA	930	
	KSD	550		Shreveport, La.	KRMD	1310	
	KWK	1350			KTBS	1450	
	WEW	760			KWEA	1210	
	WIL	1200			KWKH	850	
St. Paul, Minn.	KSTP	1460		Silver Haven, Pa.	WNBO	1200	

City or Town	Call Let. K/C	Dial Reading	City or Town	Call Let. K/C	Dial Reading
Sioux City, Iowa	KSCJ	1330	Tupper Lake, N.Y.	WHDL	1420
Sioux Falls, S.D.	KSOO	1110	Tuscola, Ill.	WDZ	1070
So. Bend, Ind.	WFAM	1200	Twin Falls, Ida.	KTFI	1240
	WSBT	1230	Tyler, Texas	KGKB	1500
Spartanburg, S.C.	WSPA	1420	Urbana, Ill.	WILL	890
Spokane, Wash.	KFIO	1120	Utica, N.Y.	WIBX	1200
	KFPY	1340	Vancouver, B.C.	CJOR	1210
	KGA	1470		CKCD	1010
	KHQ	590		CKMO	1410
Springfield, Ill.	WCBS	1210		CKWX	1010
	WTAX	1210		CRCV	1100
Springfield, Mass.	WMAS	1420	Vera Cruz, Mex.	XEU	1010
Springfield, Mo.	KGBX	1310	Vermillion, S.D.	KUSD	890
Springfield, Tenn.	WSIX	1210	Vicksburg, Miss.	WQBC	1360
Springfield, Vt.	WNBX	1260	Villa Acuna, Mexico	XEJ	735
Sta. Clara, Cuba	CMHI	1037		XER	735
Stevens Pt., Wis.	WLBL	900	Waco, Texas	WACO	1420
Stockton, Calif.	KGDM	1100	Walla Walla, Wash.	KUJ	1370
	KWG	1200	Washington, D.C.	WMAL	630
Storrs, Conn.	WCAC	600		WOL	1310
Strathmore, Alta.	CFCN	1030		WRC	950
Sudbury, Ont.	CJCS	780	Waterbury, Vt.	WDVE	550
Summerside, P.E.I.	CHGS	1120	Waterloo, Iowa	WM1	600
Sunbury, Pa.	WJBU	1210	Waterloo, Ont.	CKCR	645
	WKOK	1210	Watertown, S.D.	KGCR	1210
Superior, Wisc.	WEBC	1290	Wenatchee, Wash.	KPQ	1500
Syracuse, N.Y.	WFBL	1360	Wheeling, W. Va.	WWVA	1160
	WMAC	570	White Plains, N.Y.	WFAS	1210
	WSYR	570	Wichita, Kans.	KFH	1300
Tacoma, Wash.	KMO	1330	Wichita Falls, Tex.	KGKO	570
	KVI	570	Wilkes-Barre, Pa.	WBAX	1210
Tampa, Fla.	WDAE	1220		WBRE	1310
	WMBR	1370	Williamsport, Pa.	WRAK	1370
Tampico, Mex.	XES	1020	Wilmington, Del.	WDEL	1120
Tegucigalpa, Honduras	HRB	1370		WILM	1420
Terre Haute, Ind.	WBOV	1310	Wilmington, N.C.	WRAM	1370
Texarkana, Ark.	KCMC	1420	Windsor, Ont.	CKLW	540
Thomasville, Ga.	WQDX	1210	Winnipeg, Man.	CKY	910
Tijuana, B.C.	XEFD	757	Winston-Salem, N.C.	WSJS	1310
Toledo, Ohio	WSPD	1340	Wolf Pt., Mont.	KGCX	1310
Topeka, Kans.	WIBW	580	Woodside, N.Y.	WWRL	1500
Toronto, Ont.	CFCA	1120	Worcester, Mass.	WORC	1280
	CFRB	690		WTAG	580
	CKCL	580	Yakima, Wash.	KIT	1310
	CKNC	1030	Yankton, S. Dak.	WNAX	570
	CRCT	960	York, Nebr.	KGBZ	930
Trenton, N.J.	WTNJ	1280	York, Pa.	WORK	1000
Troy, Ala.	WHET	1210	Yorkton, Sask.	CJGX	630
Troy, N.Y.	WHAZ	1300	Youngstown, Ohio	WKBN	570
Tucson, Ariz.	KGAR	1370	Yuma, Colo.	KGEK	1200
	KVOA	1260	Yuma, Arizona	KUMA	1420
Tulsa, Okla.	KOCW	1400	Zanesville, Ohio	WALR	1210
	KVOO	1140	Zarephath, N.J.	WAWZ	1350
			Zion, Ill.	WCBD	1080

## EXPERIMENTAL RELAY BROADCASTING STATIONS IN U. S.

Frequency and Power K.C. W.P.	Call Let's	Company and Location	License or Construction Permit
6040	5000	W1XAL Shortwave Brdctsg. Corp., Boston, Mass.	Tem.Lic.
6040	2500	W4XB Isle of Dreams Brdctsg. Corp., Miami Beach, Fla.	C.P.
6060	1000	W3XAU WCAU Broadcasting Co., Philadelphia, Pa.	Lic.
6060	10000	W8XAL The Crosley Radio Corp., Mason, Ohio	Lic.
6080	500	W9XAA Chicago Fed. of Labor, Chicago, Ill.	Lic.
6100	35000	W3XAL National Broadcasting Co., Inc., Bound Brook, N. J.	Lic.
6100	5000	W9XF National Brdctsg. Co., Inc., nr. Downer's Grove, Ill.	Lic.
6120	5000	W2XE Atlantic Brdctsg. Corp., Wayne, N. J.	C.P.
9570	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.
6140	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.
9530	40000	W2XAF General Electric Co., Schenectady, N. Y.	Lic.
9570	70000	W1XAZ Westinghouse E. & M. Co., Springfield, Mass.	C.P.
9590	1000	W3XAU WCAU Broadcasting Co., Philadelphia, Pa.	Lic.
11790	5000	W1XAL Shortwave Brdctsg. Corp., Boston, Mass.	Tem.Lic.
11830	500	W9XAA Chicago Fed. of Labor Chicago, Ill.	Lic.
11830	5000	W2XE Atlantic Brdctsg. Corp., Wayne, N. J.	C.P.
11870	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.
15210	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.
15250	5000	W1XAL Shortwave Brdctsg. Corp., Coytesville, N. J.	Tem.Lic.
15270	5000	W2XE Atlantic Brdctsg. Corp., Wayne, N. J.	C.P.
15330	25000	W2XAD General Electric Co., S. Schenectady, N. Y.	Lic.
17780	35000	W3XAL National Brdctsg Co., Inc., Bound Brook, N. J.	Lic.
17780	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.
17780	500	W9XAA Chicago Fed. of Labor, Chicago, Ill.	Lic.
17780	5000	W9XF National Brdctsg. Co., Inc., nr. Downer's Grove, Ill.	Lic.
21460	5000	W1XAL Shortwave Brdctsg. Corp., Boston, Mass.	Tem.Lic.
21540	40000	W8XK Westinghouse E. & M. Co., Saxonburg, Pa.	Lic.

## EXPERIMENTAL VISUAL BROADCASTING STATIONS IN U. S.

W.P.	Call. Let's	Company	Location
<b>1600-1700 K. C.</b>			
1000	W1XAV	Shortwave & Television Laboratories, Inc.	Boston, Mass.
1000	W2XR	Radio Pictures, Inc.	Long Island City, L. I.
<b>2000-2100 K. C.</b>			
100	W8XAN	Sparks-Withington Co.	Jackson, Mich.
500	W8XF	WJR, Goodwill Station	Pontiac, Mich. (C.P.)
500	W9XAO	Western Television Research Corp.	Chicago, Ill.
1000	W6XAH	Pioneer Mercantile Co.	Bakersfield, Cal.
100	W9XK	Iowa State University	Iowa City, Iowa
<b>2100-2200 K. C.</b>			
125	W9XAK	Kansas State College of Agri. & Applied Science	Manhattan, Kans.
<b>2200-2300 K. C.</b>			
1000	W6XS	Don Lee Broadcasting System	Los Angeles, Calif.
5000	W2XBS	National Broadcasting Co., Inc.	New York City, N. Y.
2500	W9XAP	National Broadcasting Co., Inc.	Chicago, Ill.
5000	W3XAK	National Broadcasting Co., Inc.	Portable
500	W9XAL	First National Television Corp.	Kansas City, Mo.
<b>2750-2850 K. C.</b>			
1500	W9XG	Purdue University	W. Lafayette, Ind.
500	W2XAB	Atlantic Brdctsg. Corp.	New York City
<b>43000-46000, 48500-50300, 60000-80000 K. C.</b>			
500	W9XD	The Journal Co.	Milwaukee, Wisc.
2000	W3XAD	RCA Victor Co., Inc.	Camden, N. J.
750	W2XBT	National Broadcasting Co., Inc.	Portable
50	W2XAK	Atlantic Broadcasting Corp.	New York, N. Y.
200	W1XG	Shortwave & Television Corp.	Portable (Tem. Lic.)
1000	W2XR	Radio Pictures, Inc.	Long Island City, L. I.
5000	W2XF	National Broadcasting Co., Inc.	New York City
1000	W9XE	General Household Utilities Co.	Marion, Ind.
200	W8XL	WGAR Brdctsg. Co.	Cuyahoga Heights Village, Ohio (C.P.)
200	W8XF	WJR, The Goodwill Station	Pontiac, Mich. (C.P.)
1500	W3XE	Philadelphia Storage Battery Co.	Philadelphia, Pa.
150	W6XAO	Don Lee Broadcasting System	Los Angeles, Calif.
50	W10XX	RCA Victor Co., Inc.	Camden, N. J.
100	W8XAN	Sparks-Withington Co.	Jackson, Mich.
500	W9XAT	Dr. Geo. W. Young	Portable

# UNITED STATES BROADCASTING STATIONS ARRANGED BY STATES

**ALABAMA**  
Anniston, WAMC  
Birmingham, W A P I,  
WBC, WKBC  
Gadsden, WJBY  
Huntsville, WBHN  
Mobile, WODX  
Montgomery, WSFA  
Muscle Shoals City, WNRA  
Troy, WHAT

**ALASKA**  
Anchorage, KFQD  
Ketchikan, KGBU

**ARIZONA**  
Jerome, KCRJ  
Lowell, KIGY, KSUN  
Phoenix, KOY, K1AR  
Prescott, KPJM  
Tucson, KGAR, KVOA  
Yuma, KUMA

**ARKANSAS**  
Blytheville, KLCN  
Fayetteville, KUOA  
Ft. Smith, KFPW  
Hot Springs, KTHS  
Little Rock, K A R K  
KGHL, KLRA  
Paragould, KBTM  
Texarkana, KCMC

**CALIFORNIA**  
Bakerfield, KERN  
Berkeley, KRE  
Beverly Hills, KMPC  
Burbank, KELW  
El Centro, KXO  
Fresno, KMJ  
Glendale, KIEV  
Holy City, KFWB,  
Long Beach, KFOX.  
KGER  
Los Angeles, K E C A,  
KFAC, KFI, KFSG,  
KFVD, KGFJ, KHJ,  
KMTR, KNX, KRKD,  
KTM  
Oakland, KLS, KLX,  
KROW  
Pasadena, KPPC  
Santa Barbara, KDB  
San Bernardino, KFXM  
San Diego, KFSD, KGB,  
San Francisco, KFRC,  
KFWI, KGGC, KGO,  
KJBS, KPO, KTAB,  
KYA  
San Jose, KQW  
Sacramento, KFBK  
Santa Ana, KREG  
Stockton, KGDM, KWG

**COLORADO**  
Almosa, KGIW  
Colorado Springs, KVOR,  
Denver, KFEL, KFXF,  
KLZ, KOA, KPOF  
Fort Morgan, KGEW  
Grand Junction, KFXJ  
Greeley, KFKA  
Lamar, KIDW  
Pueblo, KGHF  
Yuma, KGEK

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

**DELAWARE**  
Wilmington, W D E L,  
WILM

**DIST. OF COLUMBIA**  
Washington, W M A L,  
WOL, WRC

**FLORIDA**  
Clearwater, WFLA  
Gainesville, WRUF  
Jacksonville, WJAX  
Miami, WIOD, WMBF,  
WQAM  
Orlando, WDBO  
Pensacola, WCOA  
St. Petersburg, WSUN  
Tampa, WDÄE, WMBR

**GEORGIA**  
Americus, WENC  
Athens, WTFI  
Atlanta, WGST, WSB  
Augusta, WRDW  
Columbus, WRBL  
Macon, WMAZ  
LaGrange, WKEU  
Oglethorpe, WJTL  
Rome, WFDV  
Savannah, WTOC  
Thomasville, WQDX

**HAWAII**  
Hilo, KWVF  
Honolulu, KGMB, KGU

**IDAHO**  
Boise, KIDO  
Idaho Falls, KID  
Nampa, KFXD  
Pocatello, KSEI  
Twin Falls, KTFI

**ILLINOIS**  
Carthage, WCAZ  
Chicago, KYW, WAAF,  
WBBM, WCFL, WCRW,  
WEDC, WENR, WGES,  
WGN, WLS, WMAQ,  
WMBI, WPCC, WSBC  
Cicero, WEHS, WHFC,  
WKBI  
Decatur, WJBL  
Harrisburg, WEBQ  
Joliet, WCLS, WKBB  
La Salle, WJBC  
Mooseheart, WIJD  
Peoria, Hts., WMBD  
Quincy, WTAD  
Rockford, KFLV  
Rock Island, WHBF

Springfield, WCBS, WTAX  
Iuscola, WDZ  
Urbana, WILL  
Zion, WCBD

**INDIANA**  
Anderson, WHBU  
Elkhart, WTRC  
Evansville, WGBF  
Fort Wayne, W G L,  
WOWO  
Gary, WIND  
Hammond, WWAE  
Indianapolis, W F B M,  
WKBF  
Muncie, WLBC  
Richmond, WKBV  
South Bend, W F A M,  
WSBT  
Terre Haute, WBOW  
W. Lafayette, WBAA

**IOWA**  
Ames, WOI  
Boone, KFGQ  
Carter Lake, KICK  
Cedar Rapids, KWCR  
Council Bluffs, KOIL  
Decorah, KGCA, KWLC  
Des Moines, KSO, WOC-  
WHO  
Iowa City, WSUI  
Marshalltown, KFJB  
Ottumwa, WIAS  
Shenandoah, KFNF, KMA  
Sioux City, KSCJ  
Waterloo, WMT

**KANSAS**  
Abilene, KFBI  
Coffeyville, KGGF  
Dodge City, KGNU  
Kansas City, WLBF  
Lawrence, KFKU, WREN  
Manhattan, KSAC  
Topeka (near) WIBW  
Wichita, KFH

**KENTUCKY**  
Covington, WCKY  
Hopkinsville, WFIV  
Louisville, WHAS,  
WLAP  
Paducah, WPAD

**LOUISIANA**  
Monroe, KMLB  
New Orleans, W B B X,  
WDSU, WJBO, WJBW,  
WSMB, WWL  
Shreveport, KRMD,  
KTBS, KWEA, KWKH

**MAINE**  
Augusta, WRDO  
Bangor, WABI, WLBS  
Portland, WCSH  
Presque Isle, WAGM

**MARYLAND**  
Baltimore, W B A L,  
WCAO, WCBM, WFBR,  
Cumberland, WTRO  
Hagerstown, WJBJ

**MASSACHUSETTS**  
Boston, WAAB, WBZ,  
WBZA, WEEL, WHDH,  
WLOE, WNAC  
Fall River, WSAR  
Lexington, WLEY  
Needham, WBSO  
New Bedford, WNBH  
Springfield, WMAS  
Worcester, W O R C  
WTAG

**MICHIGAN**  
Bay City, WBCM  
Calumet, WHDF  
Detroit, WJR, WJBK,  
WMBG, WWJ, WXYZ  
E. Lansing, WKAR  
Flint, WFDF  
Grand Rapids, WASH,  
WOOD  
Ironwood, WJMS  
Jackson, WIBM  
Kalamazoo, WKZO  
Lapeer, WMPC  
Ludington, WKBS  
Marquette, WBEO  
Royal Oak, WEXL

**MINNESOTA**  
Fergus Falls, KGDE  
Fridley, WRHM  
Minneapolis, KSTP,  
WCCO, WDGY, WHDI,  
WLB  
Moorhead, KGMK  
Northfield, KFAX, WCAL  
St. Paul, KSTP

**MISSISSIPPI**  
Greenwood, WKFI  
Hattiesburg, W P F B,  
WRBJ  
Jackson, WJDX  
Kosciusko, WHEF  
Laurel, WAML  
Meridian, WCOG  
Mississippi City, Miss.,  
WCGM  
Vicksburg, WQBC

**MISSOURI**  
Cape Girardeau, KFVS  
Clayton, KFUO  
Columbia, KFRU  
Grant City, KGIZ  
Jefferson City, WOS  
Joplin, WMBH  
Kansas City, W D A F,  
KMBC, KWKC, WHB,  
WOQ  
St. Joseph, KFEQ  
St. Louis, KFQA, KMOX,  
KSD, KWK, WEW,  
WIL  
Springfield, KGBX



**MONTANA**

Billings, KGHL  
Butte, KGR  
Great Falls, KFBB  
Kalispell, KGEZ  
Missoula, KGH, KGVO  
Wolf Point, KGCA

**NEBRASKA**

Clay Center, KMMJ  
Kearney, KGFV  
Lincoln, KFAB, KFOR  
Norfolk, WJAG  
North Platte, KGNF  
Omaha, WAAW, WOW  
Scottsbluff, KGGY  
York, KGBY, KGBZ,  
KGCH, KGDW, KGEO,  
KGES

**NEVADA**

Las Vegas, KGIX  
Reno, KOH

**NEW HAMPSHIRE**

Manchester, WFEA  
Portsmouth, WHEB

**NEW JERSEY**

Ashbury Park, WCAP  
Atlantic City, WFG  
Camden, WCAM  
Hackensack, WBMS  
Jersey City, WAA T.  
WHOM  
Newark, WGCP, WNJ,  
WODA-WAAM, WOR  
Red Bank, WJBL  
Trenton, WTNJ  
Zarephath, WAWZ

**NEW MEXICO**

Albuquerque, KGGM,  
KOB  
Clovis, KICA  
katon, KGFL

**NEW YORK**

Albany, WOKO  
Auburn, WMBO  
Binghamton, WNEF  
Brooklyn, WBBC, WBBR,  
WCGU, WCNW, WFOX,  
WLTH, WMBO  
Buffalo, WBen, WEBR,  
WGR, WKBW, WMAK,  
WVSU  
Canton, WCAD  
Elmira, WESG  
Freeport, WGBB  
Glens Falls, WGLC  
Hoboken, WMCA  
Ithaca, WLCI  
Jamestown, WOCL  
New York, WABC,  
WBNX, WBOQ, WEAJ,  
WVFD, WFAB, WGBS,  
WHN, WINS, WJZ,  
WLWL, WMCA, WOV,  
WPCH, WQAO, WPAP,  
WNYC, WRNY

Rochester, W H A M,  
WHEC  
Saranac Lake, WNBZ  
Schenectady, WGY  
Syracuse, W F B L,  
WMAC, WSYR  
Troy, WHAZ  
Tupper Lake, WHDL  
Utica, WIBX  
White Plains, WFAS  
Woodside, WWRL

**NORTH CAROLINA**

Ashville, WWNC  
Charlotte, WBT, WSOC  
Greensboro, WBIG  
Greenville, WEED  
Raleigh, WPTF  
Wilmington, WRAM  
Winston-Salem, WSJS

**NORTH DAKOTA**

Bismark, KFVR  
Devils Lake, KDLR  
Fargo, WDAY  
Grand Forks, KFJM  
Mandan, KGCU  
Minot, KLPM

**OHIO**

Akron, WADC, WJW  
Canton, WHBC  
Cincinnati, W F B E,  
WKRC  
Cleveland, WGAR, WHK,  
WJAY, WTAM  
Columbus, WAIU, WCAH,  
WOSU, WSEN  
Dayton, WSMK  
Harrison, WLW  
Mason, WSAI  
Mt. Orab, WHBD  
Toledo, WSPD  
Youngstown, WKBN  
Zanesville, WALR

**OKLAHOMA**

Elk City, KASA  
Enid, KCRC  
Norman, WNAD  
Oklahoma City, KFXX,  
KGFH, KOMA, WKY  
Ponca City, WBBZ  
Shawnee, KGFF  
Tulsa, KOCW, KVOO

**OREGON**

Corvallis, KOAC  
Eugene, KORE  
Klamath Falls, KFJI  
Marshfield, KOOS  
Medford, KMED  
Portland, KALE, KBPS,  
KEX, KFJR, KGW,  
KOIN, KVEP, KWJJ,  
KXL

**PENNSYLVANIA**

Allentown, WCBA, WSAN  
Altoona, WFBG

Carbondale, WWBW  
Elkins Park, WJBG  
Grove City, WSAJ  
Hazleton, WAZL  
Harrisburg, W B A K,  
Erie, WLWB  
WHP, WKBO  
Johnstown, WJAC  
Lancaster, WGAL, WKJC  
Philadelphia, WCAU,  
WDAJ, WFI, WHAT,  
WIP, WLIT, WPEW,  
WRAX  
Pittsburg, KDKA, KQV,  
WCAE, WIAS, WWSW  
Reading, WEEU, WRAW  
Scranton, WGBI, WOAN  
Silver Haven, WNBO  
Sunbury, WJBU, WKOK  
Williamsport, WRAK  
Wilkes Barre, WBAX,  
WBRE  
York, WORK

**PORTO RICO**

San Juan, WKAQ

**RHODE ISLAND**

Providence, W E A N,  
WJAR, WPRO

**SOUTH CAROLINA**

Charleston, WCSC  
Columbia, WIS  
Greenville, WFBC  
Spartanburg, WSPA

**SOUTH DAKOTA**

Brookings, KFDY  
Huron, KGDY  
Pierre, KGFY  
Rapid City, WCAT  
Sioux Falls, KSOO  
Vermillion, KUSD  
Watertown, KGCR  
Yankton, WNAX

**TENNESSEE**

Bristol, WOPI  
Chattanooga, WDDO  
Jackson, WTJS  
Knoxville, W N O X,  
WROL  
Lawrenceburg, WOAN  
Memphis, W H B O,  
WREC, WMC, WNBK  
Nashville, WLAC, WSM,  
WTNT  
Springfield, WSIX

**TEXAS**

Amarillo, WDAQ, KGRS  
Austin, KNOW  
Beaumont, KFDM  
Brownsville, KWVG  
College Station, WTAW  
Corpus Christie, KGFI  
Dallas, KRLD, WFAA,  
WRR  
Dublin, KPFL  
El Paso, KTSM, WDAH  
Ft. Worth, KFJZ, KTAT,  
WBAP  
Galveston, KFUL, KLUF  
Greenville, KFPM  
Harlingen, KRGV  
Houston, KPRC, KTRH  
Lubbock, KFYO

San Angelo, KGKL  
San Antonio, KABC,  
KMAC, KOHO, KTSA,  
WOAI  
Tyler, KGKB  
Waco, WACO  
Wichita Falls, KGKO

**UTAH**

Salt Lake City, KDYL,  
KLO, KSL

**VERMONT**

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

**VIRGINIA**

Alexandria, WJVS  
Charlottesville, WEHC  
Danville, WBTM  
Lynchburg, WLVA  
Mt. Vernon Hills, WJVS  
Newport News, WGH  
Norfolk, WTAR  
Petersburg, WPHR  
Richmond, W B B I,  
WMBG, WRVA  
Roanoke, WDBJ, WRBX

**WASHINGTON**

Aberdeen, KKRO  
Bellingham, KVOS  
Everett, KFBL  
Olympia, KGY  
Pullman, KWSC  
Seattle, K J R, K O L,  
KOMO, KPCC, KRSC,  
KTW, KVI, KXA  
Spokane, KFIO, KFPY,  
KGA, KHQ  
Tacoma, KMO, KVI  
Walla Walla, KUJ  
Wenatchee, KPQ  
Yakama, KIT

**WEST VIRGINIA**

Bluefield, WHIS  
Charleston, WBOU  
Fairmont, WMMN  
Huntington, WSAZ  
Wheeling, WWSA

**WISCONSIN**

Aau Claire, WTAQ  
Fond du lac, KFZ  
Green Bay, WHBY  
Janesville, WCLO  
La Crosse, WKBB  
Madison, WHA, WIBA  
Manitowoc, WOMT  
Milwaukee, WHAD,  
WISN, WTMJ  
Poyette, WIBU  
Racine, WRIN  
Sheboygan, WHBL  
Stevens Pt., WLBL  
Superior, WEBE

**WYOMING**

Casper, KDFN

# Approximate Air Line Distances

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FROM ↓ TO	Baltimore	Boston	Buffalo	Chicago	Cincinnati	Cleveland	Detroit	Indianapolis	Milwaukee	New York	Philadelphia	Pittsburgh	Washington
Akron, Ohio	287	538	187	312	205	32	117	251	350	390	338	90	287
Amarillo, Tex.	1400	1700	1312	875	975	1150	1100	900	900	1525	1475	1225	1363
Ames, Iowa	910	1140	745	305	505	610	538	420	300	1010	963	715	895
Arlington, Va.	36	387	290	583	395	295	387	485	625	203	122	184	—
Asheville, N. C.	415	770	545	512	265	410	470	348	590	580	500	365	380
Atlanta, Ga.	573	925	695	588	375	550	595	424	670	740	660	520	535
Atlantic City, N.J.	114	268	334	696	528	406	487	615	734	97	56	295	139
Baltimore, Md.	—	350	280	600	420	310	400	505	640	167	88	194	36
Bangor, Me.	550	208	515	955	890	688	725	940	950	388	475	632	588
Beaumont, Tex.	1165	1510	1205	875	820	1035	1033	800	950	1330	1250	1060	1135
Ber. Spgs., Mich.	540	775	382	65	215	240	170	140	115	638	598	350	527
Billings, Mont.	1660	1850	1450	1055	1288	1350	1265	1192	1020	1745	1700	1465	1650
Birmingham, Ala.	691	1038	771	576	403	619	637	430	654	851	774	603	653
Bismark, N. D.	1313	1480	1100	725	975	1007	925	875	675	1390	1355	1125	1312
Boise, Idaho	2035	2240	1845	1435	1635	1730	1650	1555	1400	2125	2090	1845	2025
Boston, Mass.	350	—	397	838	752	540	605	795	845	188	265	473	387
Buffalo, N. Y.	280	397	—	447	390	175	215	425	450	295	285	178	295
Calgary, Canada	1950	2075	1715	1375	1625	1645	1555	1528	1325	2010	1190	1755	1948
Canton, N. Y.	377	258	220	650	600	395	425	648	650	277	325	375	410
Charlotte, N. C.	363	713	543	585	335	430	500	925	655	528	448	364	327
Chicago, Ill.	600	838	447	—	250	303	236	162	80	707	655	412	587
Cincinnati, Ohio	420	725	390	250	—	220	225	98	325	561	495	257	400
Clearwater, Fla.	853	1180	1050	1000	775	925	985	826	1075	1065	928	871	817
Cleveland, Ohio	310	540	175	303	220	—	90	255	335	400	355	117	300
Columbus, Ohio	345	628	295	275	99	125	162	164	330	472	410	162	325
Corvallis, Ore.	2365	2560	2175	1775	1990	2065	1975	1890	1730	2450	2420	2180	2360
Dallas, Texas	1200	1525	1180	795	805	1010	985	752	850	1350	1278	1055	1165
Davenport, Iowa	750	995	600	153	360	455	388	263	173	857	810	557	733
Denver, Colo.	1488	1745	1350	900	1077	1210	1138	985	900	1605	1552	1305	1475
Des Moines, Ia.	900	1145	750	303	495	610	537	406	300	1010	962	710	887
Detroit, Mich.	400	605	215	236	225	90	—	233	250	477	440	208	392
Eau Claire, Wis.	850	1025	633	275	535	545	450	442	213	925	880	655	837
Fargo, N. D.	1140	1295	912	560	820	830	745	723	508	1205	1175	950	1132
Fayetteville, Ark.	973	1277	924	519	548	750	721	500	573	1116	1050	813	942
Ft. Wayne, Ind.	462	723	340	142	140	175	136	100	200	575	525	272	450
Ft. Worth, Tex.	1225	1553	1205	810	830	1030	1005	780	865	1377	1307	1085	1190
Gainesville, Fla.	745	1075	930	880	655	813	870	725	968	895	816	755	700
Grt. Falls, Mont.	1800	1963	1583	1205	1443	1488	1400	1342	1160	1875	1840	1600	1795
Hartford, Conn.	263	92	323	753	630	458	527	710	773	100	178	377	298
Harrisburg, Pa.	70	325	210	565	415	265	350	490	600	150	90	163	98
Havana, Cuba	1173	1492	1387	1321	1100	1250	1320	—	1400	1292	1268	1213	1125
Hot Spgs., Ark.	950	1278	942	575	551	766	747	520	642	1106	1032	815	922
Hopkinsville, Ky.	613	943	613	350	225	440	445	208	430	765	695	475	580
Houston, Tex.	1230	1575	1265	925	877	1090	1085	786	988	1400	1313	1123	1200
Indianapolis, Ind.	505	795	425	162	98	255	233	—	240	630	575	325	485
Jackson, Miss.	898	1242	950	675	563	775	795	560	750	1060	975	795	862
Jacksonville, Fla.	678	1008	876	853	624	763	823	692	933	828	753	702	647
Jefferson City, Mo.	835	1125	750	325	420	585	540	335	380	973	910	663	810
Kansas City, Mo.	950	1235	850	405	538	688	638	453	438	1077	1025	775	930
Knoxville, Tenn.	460	800	540	445	225	390	430	285	525	625	550	375	425
LaCrosse, Wis.	812	1005	612	220	475	503	420	380	173	900	855	620	800
Lawrence, Kan.	987	1263	878	443	558	725	671	490	475	1120	1065	815	966
Lincoln, Neb.	1058	1310	920	470	650	775	705	560	470	1174	1120	872	1140
Little Rock, Ark.	910	1240	900	550	520	730	713	478	613	1065	995	775	880
Los Angeles, Cal.	2282	2560	2165	1720	1880	2020	1955	1782	1725	2420	2357	2113	2260
Louisville, Ky.	490	813	475	270	88	305	310	106	350	645	570	344	465
Madison, Wis.	712	923	525	121	370	405	325	280	75	800	760	520	700
Memphis, Tenn.	787	1123	800	480	410	625	615	377	555	947	870	655	755

# Approximate Air Line Distances

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FROM ↓ TO →	Baltimore	Boston	Buffalo	Chicago	Cincinnati	Cleveland	Detroit	Indianapolis	Milwaukee	New York	Philadelphia	Pittsburgh	Washington
Mexico City, Mex.	1926	2314	2000	1678	1600	1800	1800	1733	1650	2124	2034	1857	1850
Miami, Fla.	960	1275	1187	1180	950	1085	1150	1021	1263	1100	1025	1010	930
Milford, Kans.	1075	1348	955	513	658	805	743	573	533	1200	1142	895	1050
Milwaukee, Wis.	640	845	450	80	325	335	250	240	—	725	688	450	630
Minneapolis, Min.	935	1112	725	360	600	625	538	510	300	1012	978	740	925
Montreal, Can.	463	262	323	738	700	492	515	745	725	338	400	477	490
Mooseheart, Ill.	630	875	477	31	264	338	287	162	80	743	691	440	625
Muscataine, Ia.	768	1018	625	175	375	477	407	280	198	876	825	575	750
Nashville, Tenn.	593	932	623	398	241	453	469	253	479	748	676	472	562
Newark, N. J.	161	195	287	698	550	390	468	625	715	9	75	300	195
New Orleans, La.	998	1340	1075	825	700	910	925	700	900	1155	1073	910	950
New York, N. Y.	168	188	295	707	561	400	477	630	725	—	83	312	203
Norfolk, Neb.	1100	1330	935	500	703	800	725	607	488	1200	1155	905	1085
Northfield, Minn.	918	1105	720	325	575	613	525	481	275	1000	962	725	908
Okla. City, Okla.	1155	1460	1100	675	740	925	885	685	715	1300	1235	990	1125
Omaha, Neb.	1023	1265	875	425	620	735	660	522	425	1135	1085	835	1005
Ottawa, Canada	432	315	240	640	620	410	425	650	625	338	387	410	460
Philadelphia, Pa.	88	265	285	655	495	355	440	575	688	83	—	253	122
Phoenix, Ariz.	1975	2270	1880	1437	1563	1725	1670	1487	1450	2125	2050	1813	1968
Pittsburgh, Pa.	194	473	178	412	257	117	208	325	450	313	253	—	190
Portland, Ore.	2337	2510	2127	1730	1960	2035	1940	1854	1700	2422	2380	2148	2320
Portland, Me.	440	102	430	875	790	598	650	850	875	275	360	537	475
Providence, R. I.	320	42	388	825	707	525	585	774	837	152	235	450	353
Pullman, Wash.	2075	2245	1862	1475	1700	1765	1677	1605	1435	2155	2120	1877	2065
Raleigh, N. C.	270	608	492	642	395	423	507	490	700	425	345	303	233
Richmond, Va.	130	467	379	606	398	352	441	488	604	278	207	243	96
Rochester, N. Y.	275	338	64	510	445	237	277	490	510	252	258	223	298
St. Joseph, Mo.	960	1233	845	400	550	690	630	462	423	1088	1030	780	945
St. Louis, Mo.	730	1025	655	260	315	486	450	230	325	868	800	560	706
Salt Lake City, U.	1840	2073	1675	1245	1438	1550	1475	1342	1225	1950	1900	1650	1825
San Antonio, Tex.	1400	1740	1410	1037	1025	1235	1220	985	1095	1565	1480	1275	1365
San Francisco	2430	2663	2268	1832	2018	2138	2063	1923	1818	2538	2490	2240	2412
Schenectady, N. Y.	280	145	250	700	600	405	460	660	700	148	212	350	317
Seattle, Wash.	2315	2462	2093	1710	1950	2000	1915	1841	1665	2387	2360	2115	2300
Shenandoah, Ia.	988	1243	850	400	587	700	635	490	410	1110	1050	800	975
Shreveport, La.	1055	1400	1070	720	688	895	888	650	788	1217	1145	930	1025
Sioux City, Ia.	1050	1275	875	450	660	750	675	560	425	1150	1102	852	1032
Sioux Falls, S. D.	1073	1275	890	470	700	773	688	600	443	1168	1125	875	1057
Spokane, Wash.	2075	2248	1860	1477	1725	1775	1688	1630	1447	2160	2125	1898	2075
Springfield, Mass.	285	78	320	760	645	462	525	712	770	119	200	395	321
State Col. N. M.	1727	2035	1670	1225	1320	1495	1450	1250	1250	1886	1805	1570	1700
Stevens Pt., Wis.	750	930	538	302	440	445	358	373	130	823	795	560	750
Superior, Wis.	927	1069	693	395	640	625	530	558	323	988	956	740	925
Syracuse, N. Y.	260	252	142	588	510	303	350	560	590	193	225	270	292
Tampa, Fla.	850	1175	1045	990	770	925	983	830	1075	1000	925	868	813
Topeka, Kans.	1012	1290	900	457	594	745	690	506	488	1145	1080	830	992
Toronto, Canada	339	431	57	425	400	187	202	428	420	347	340	224	350
Troy, N. Y.	277	134	263	710	607	415	475	667	715	139	205	358	320
Tulsa, Okla.	1065	1375	1000	587	650	835	795	582	630	1208	1140	900	1035
Vancouver, Can.	2338	2482	2113	1750	1988	2035	1945	1888	1700	2405	2380	2150	2330
Waco, Texas	1250	1587	1250	868	860	1075	1050	827	925	1408	1335	1123	1223
Washington, D. C.	36	387	295	587	400	300	392	487	630	203	122	188	—
Wheeling, W. Va.	220	510	208	380	208	106	200	285	423	350	285	47	208
Wichita, Kans.	1110	1400	1020	577	690	855	805	612	610	1250	1180	938	1090
Winnipeg, Can.	1240	1345	990	710	963	940	850	875	650	1283	1265	1050	1240
Worcester, Mass.	320	38	360	805	695	505	570	754	813	155	235	435	350
Yankton, S. D.	1100	1320	925	493	710	800	720	620	475	1200	1150	900	1088
Zion, Ill.	623	844	450	42	285	320	240	200	41	720	675	426	612





Some times I think there ought to be a law to make everyone do a little studying every week. I didn't think that a year ago because it looked like all the cards were stacked against me. But I am certainly rolling in the money now. Maybe my story will show you the way to larger earnings also.

## **I Thought Radio Was a Plaything But Now My Eyes Are Opened, And I'm Making Over \$60 a Week!**

\$50 a week! Man alive, a year ago I thought anyone making that much was just plain lucky.

Twelve months ago I was just barely getting by. It was the same old story—a little job; a salary as small as the job.

If you had told me that twelve months later I would be making over \$60 a week in my own Radio business—I'd thought you were crazy.

But I am getting ahead of my story—let me tell you how it all started. I was hard up a year ago because I had been kidding myself—that's all—not because I had to be. I thought a fellow either had to be lucky, or have a string of college degrees a half a mile long to make good money.

One day I picked up a magazine and the headline of an ad attracted me because it seemed to fit my case. It said, "I will show you how to start a spare time or full time Radio business of your own WITHOUT CAPITAL."

"They're trying to kid somebody," I thought, "but I'll find out what it is all about anyway."

I wrote in and within a few days received a 64-page book telling about the opportunities in Radio, how I could prepare right at home in my spare time, and how they would show me how to start making money in my neighborhood selling and repairing Radio sets and doing other jobs. It would probably have sounded too good to be true if the promises had not been backed up by 100 letters from fellows who had taken their course and were very enthusiastic about it.

What has happened since seems almost like a dream to me now. I took their course and in a short time I was ready to start making money in my neighborhood—as much as \$5, \$10, \$15 a week. It wasn't long until I had saved enough money to start a little business of my own.

That business has since grown to the point where I am clearing over \$65 a week. All this took place under the watchful guidance of my friends at the National Radio Institute. They also offered to train me for other lines—in case I wasn't interested in having my own business. Broadcasting Sta-

tions, Radio Manufacturers, Short Waves, Servicing Sets, Aircraft Radio, Television, Loud Speaker Systems are other fields their training covers. And to think, until the day I wrote for that book, I'd been wailing, "I have never had a chance—will never have one because I have no pull and have never had the advantages of a good education!"

Friend—you may not be as bad off as I was—but think it over—are you satisfied? Are you making as much money as you need? Would you sign a contract to stay where you are for the next ten years, at the same salary you are making now? Those are the things you have to think about—because no one is going to make it his business to push you ahead—you must make it your own business.

Take my tip—write for their book. It won't cost you anything—only a stamp. It shows you a lot of things which I don't believe you know now—a lot of facts and figures on the opportunities in this new fast growing field. Where the jobs are, what they pay, how to get ready for one. Beginners as well as experienced men are making as much as \$1,000 to \$2,000 a year more as a result of N. R. I. training. You place yourself under no obligation because the book is free and is gladly sent to anyone who is ambitious enough to read it. Just address J. E. Smith, President, National Radio Institute, Dept. 4AV, Washington, D. C.

J. E. SMITH, President,  
National Radio Institute,  
Dept. 4AV, Washington, D. C.

Dear Mr. Smith:

Without obligating me send your 64-page book which points out the spare time and full time opportunities in Radio and explains your 50-50 method of training men at home in their spare time to become Radio experts.

Name .....

Address .....

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