



RADIO

Broadcasting

STATIONS

Compiled to January 1, 1923, by the
Boston Transcript

**Broadcasting
Stations
Arranged
Alphabetically
by
Call Signals**

The Boston Transcript's

DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
KDKA	Westinghouse Electric & Manufacturing Co.	East Pittsburg, Pa.	360
KDN	Leo J. Meyberg Co.	San Francisco, Calif.	360, 485
KDPM	Westinghouse Electric & Mfg. Co.	Cleveland, Ohio.	360
KDPT	Southern Electrical Co.	San Diego, Calif.	360
KDYL	Telegram Publishing Co.	Salt Lake City, Utah.	360
KDYM	Savoy Theatre.	San Diego, Calif.	360
KDYN	Great Western Radio Corp.	Redwood City, Calif.	360
KDYO	Carlson & Simpson.	San Diego, Calif.	600
KDYQ	Oregon Institute of Technology.	Portland, Ore.	485
KDYR	Pasadena Star-News Publishing Co.	Pasadena, Calif.	360
KDYS	The Tribune.	Great Falls, Mont.	360
KDYU	Herald Publishing Co.	Klamath Falls, Ore.	240
KDYV	Cope & Cornwall Co.	Salt Lake City, Utah.	360
KDYW	Smith, Hughes & Co.	Phoenix, Ariz.	360
KDYX	Star Bulletin.	Honolulu, Hawaii.	360
KDYY	Rocky Mountain Radio Corp.	Duven, Colo.	360
KDZA	Arizona Daily Star.	Tucson, Ariz.	360
KDZB	Frank E. Siefert.	Bakersfield, Calif.	360
KDZD	W. R. Miteneil.	Los Angeles, Calif.	360
KDZE	The Rhodes Co.	Seattle, Wash.	360
KDZF	Automobile Club of Southern California.	Los Angeles, Calif.	360
KDZG	Cyrus Peirce & Co.	San Francisco, Calif.	360
KDZH	Fresno Evening Herald.	Fresno, Calif.	360
KDZI	Electric Supply Co.	Wenatchee, Wash.	360
KDZJ	Excelsior Radio Co.	Eugene, Ore.	360
KDZK	Nevada Machinery & Electric Co.	Reno, Nev.	360
KDZL	Rocky Mountain Radio Corp.	Ogden, Utah.	360
KDZM	E. A. Hollingworth.	Centralia, Wash.	360
KDZP	Newbery Electric Corp.	Los Angeles, Calif.	360
KDZQ	Motor Generator Co.	Denver, Colo.	360
KDZR	Bellingham Publishing Co.	Bellingham, Wash.	360
KDZT	Seattle Radio Association.	Seattle, Wash.	360
KDZW	Claudio W. Gerdes.	San Francisco, Calif.	360
KDZX	Glad Tidings Tabernacle.	San Francisco, Calif.	360
KDZZ	Kliney Bros. & Sipprell.	Everett, Wash.	600
KFAB	Pacific Radiofone Co.	Portland, Ore.	360
KFAC	Glendale Daily Press.	Glendale, Calif.	360
KFAD	McArthur Bros. Mercantile Co.	Phoenix, Ariz.	360
KFAE	State College of Washington.	Pullman, Wash.	360
KFAF	Western Radio Corporation.	Denver, Colo.	360
KFAJ	University of Colorado.	Boulder, Colo.	360
KFAN	The Electric Shop.	Moscow, Idaho.	360
KFAP	Standard Publishing Co.	Butte, Mont.	360
KFAQ	City of San Jose.	San Jose, Calif.	360
KFAR	Studio Lighting Service Co. (O. K. Olesen).	Hollywood, Calif.	360
KFAS	Reno Motor Supply Co.	Reno, Nev.	360
KFAT	S. T. Donohue.	Eugene, Ore.	360
KFAU	Boise H. School, Ind. School Dist. of Boise City	Boise, Idaho.	360, 485
KFAV	Cooke & Chapman.	Venice, Calif.	360
KFAW	The Radio Den.	Santa Ana, Calif.	360
KFAY	W. J. Virgin Milling Co.	Central Point, Ore.	360
KFAZ	C. H. Wetherill.	Reedley, Calif.	360
KFBA	Ramey & Bryant Radio Co.	Lewisda, Idaho.	360
KFBB	F. A. Buttrey & Co.	Havre, Mont.	360
KFBC	W. K. Azbill.	San Diego, Calif.	360
KFBD	Clarence V. Welch.	Manford, Calif.	360
KFBE	Reuben H. Horn.	San Luis Obispo, Calif.	360
KFBF	Butte School of Telegraph (F. H. Smith).	Butte, Mont.	360

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DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
KFBG	First Presbyterian Church.....	Tacoma, Wash.....	360
KFBH	Thomas Musical Co.....	Marshfield, Ore.....	360
KFBJ	Idaho Radio Supply Co.....	Boise, Idaho.....	360
KFBK	Klimball-Upson Co.....	Sacramento, Calif.....	360
KFBL	Leese Bros.....	Everett, Wash.....	360
KFBM	Cook & Foster.....	Astoria, Ore.....	360
KFBN	Borch Radio Corp.....	California (portable).....	360
KFBQ	Savage Electric Co.....	Prescott, Ariz.....	360
KFBS	Trinidad Electric & Supply Co.....	Trinidad, Colo.....	360
KFBU	The Cathedral (Bishop Thomas).....	Laramie, Wyo.....	360
KFBV	Clarence O. Ford.....	Colorado Springs, Colo.....	360
KFC	Northern Radio & Electric Co.....	Seattle, Wash.....	360
KFCB	Nielsen Radio Supply Co.....	Casper, Ariz.....	360
KFCC	Auto Supply Co.....	Wallace, Idaho.....	360
KFCD	Salem Electric Co.....	Salem, Ore.....	360
KCFD	Frank A. Moore.....	Walla Walla, Wash.....	360
KFCI	Electric Service Station (Inc.).....	Billings, Mont.....	360
KFCJ	Colorado Springs Radio Co.....	Colorado Springs, Colo.....	360
KFCM	Los Angeles Union Stock Yards.....	San Antonio, Calif.....	485
KFCN	Richmond Radio Shop.....	Richmond, Calif.....	360
KFCQ	Motor Service Station (Norman R. Hood).....	Casper, Wyo.....	360
KFDA	Adler's Music Store.....	Baker, Ore.....	360
KFDB	John D. McKee.....	San Francisco, Calif.....	360
KFDC	Radio Supply Co. (E. B. Crancy).....	Spokane, Wash.....	360
KFDD	St. Michael's Cathedral.....	Boise, Idaho.....	360
KFDE	Wyoming Radio Corp.....	Casper, Wyo.....	360
KFDH	University of Arizona.....	Tucson, Ariz.....	360
KFDJ	Oregon Agricultural College.....	Corvallis, Ore.....	360
KFDL	Knight-Campbell Music Co.....	Denver, Colo.....	360
KFEB	City of Taft.....	Taft, Calif.....	360
KFEC	Meler & Frank Co.....	Portland, Ore.....	360
KFED	Billings Polytechnic Institute.....	Polytechnic, Mont.....	360
KFEJ	Guy Greason.....	Tacoma, Wash.....	360
KFEF	Radio Equipment Co.....	Denver, Colo.....	360
KFFA	Dr. R. O. Shelton.....	San Diego, Calif.....	360
KFFE	Eastern Oregon Radio Co.....	Pendleton Ore.....	360
KFGG	Astoria Budget.....	Astoria, Ore.....	360
KFGH	Leland Stanford University.....	Stanford University, Calif.....	360
KFHJ	Fallon Co.....	Santa Barbara, Calif.....	360
KFI	Earle C. Anthony (Inc.).....	Los Angeles, Calif.....	360
KFU	The Precision Shop.....	Gridley, Calif.....	360
KFV	Foster-Bradbury Radio Store.....	Yakima, Wash.....	360
KFZ	Doerr-Mitchell Electric Co.....	Spokane, Wash.....	360
KGB	Wm. A. Mullins Electric Co.....	Tacoma, Wash.....	360
KGF	Pomona Fixture & Wiring Co.....	Pomona, Calif.....	360
KGG	Hallock & Watson Radio Service.....	Portland, Ore.....	360
KGN	Northwestern Radio Manufacturing Co.....	Portland, Ore.....	360
KGO	Altadena Radio Laboratory.....	Altadena, Calif.....	360
KGU	Marion A. Mulrony.....	Honolulu, Hawaii.....	360
KGW	Oregonian Publishing Co.....	Portland, Ore.....	360
KGY	St. Martin's College (Rev. S. Ruth).....	Lacey, Wash.....	360
KHD	C. F. Aldrich Marble & Granite Co.....	Colorado Springs, Colo.....	485
KHJ	C. R. Kierulff & Co.....	Los Angeles, Calif.....	360, 485
KHQ	Louis Wasmer.....	Seattle, Wash.....	360
KJC	Standard Radio Co.....	Los Angeles, Calif.....	360
KJJ	The Radio Shop.....	Sunnyvale, Calif.....	360
KJQ	C. O. Gould.....	Stockton, Calif.....	360
KJB	Vincent I. Kraft.....	Seattle, Wash.....	360

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DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
KJS	Bible Institute of Los Angeles	Los Angeles, Calif.	360
KLB	J. J. Dunn & Co.	Pasadena, Calif.	360
KLN	Noggle Electric Works	Del Monte, Calif.	360
KLP	Colin B. Kennedy Co.	Los Altos, Calif.	360
KL8	Warner Bros.	Oakland, Calif.	360
KLX	Tribune Publishing Co.	Oakland, Calif.	360
KLZ	Reynolds Radio Co.	Denver, Colo.	360, 485
KMC	Lindsay-Weatherill & Co.	Reedley, Calif.	360
KMJ	San Joaquin Light & Power Corp.	Fresno, Calif.	360, 485
KMO	Love Electric Co.	Tacoma, Wash.	360
KNI	T. W. Smith	Eureka, Calif.	360
KNJ	Roswell Public Service Co.	Roswell, N. Mex.	360, 485
KNN	Bullock's	Los Angeles, Calif.	360
KNE	Beacon Light Co.	Los Angeles, Calif.	360
KNT	North Coast Products Co.	Aberdeen, Wash.	360
KNV	Radio Supply Co.	Los Angeles, Calif.	360
KNX	Electric Lighting Supply Co.	Los Angeles, Calif.	360
KOA	Young Men's Christian Association	Denver, Colo.	485
KOB	New Mexico Col. of Agricul. and Mech. Arts.	State College, N. Mex.	360, 485
KOE	Spokane Chronicle	Spokane, Wash.	360
KOG	Western Radio Electric Co.	Los Angeles, Calif.	360
KON	Helswasser (Inc.)	San Diego, Calif.	360
KOP	Detroit Police Department	Detroit, Mich.	360
KOQ	Modesto Evening News	Modesto, Calif.	360
KPO	Hale Bros.	San Francisco, Calif.	360
KQI	University of California	Berkeley, Calif.	360
KQP	Blue Diamond Electric Co.	Hood River, Ore.	360, 485
KQT	Electric Power & Appliance Co.	Yakima, Wash.	360
KQV	Doubleday-Hill Electric Co.	Pittsburg, Pa.	360
KQW	Charles D. Herrold	San Jose, Calif.	360
KQY	Stuhbs Electric Co.	Portland, Ore.	360
KRE	Maxwell Electric Co.	Berkeley, Calif.	360
KSO	O. A. Hale & Co.	San Jose, Calif.	360
KSD	Post Dispatch	St. Louis, Mo.	360
KSL	The Emporium	San Francisco, Calif.	360
KSS	Prest & Dean Radio Research Laboratory	Long Beach, Calif.	360
KTW	First Presbyterian Church	Seattle, Wash.	360
KUO	Examiner Printing Co.	San Francisco, Calif.	360, 485
KUS	City Dye Works & Laundry Co.	Los Angeles, Calif.	360
KUY	Coast Radio Co.	El Monte, Calif.	360
KVQ	J. C. Hobrecht	Sacramento, Calif.	360
KWG	Portable Wireless Telephone Co.	Stockton, Calif.	360
KWH	Los Angeles Examiner	Los Angeles, Calif.	360, 485
KXD	Herald Publishing Co.	Modesto, Calif.	360
KXS	Braun Corp.	Los Angeles, Calif.	360
KYF	Thearle Music Co.	San Diego, Calif.	360
KYG	Willard P. Hawley, Jr.	Portland, Ore.	360
KYI	Alfred Harrell	Bakersfield, Calif.	360
KYJ	Leo J. Meyberg Co.	Los Angeles, Calif.	360, 485
KYQ	Electric Shop	Honolulu, Hawaii	360
KYW	Westinghouse Electric & Manufacturing Co.	Chicago, Ill.	360, 485
KYY	The Radio Telephone Shop	San Francisco, Calif.	360
KZC	Public Market & Market Stores Co.	Seattle, Wash.	360
KZI	Irving S. Cooper	Los Angeles, Calif.	360
KZM	Preston D. Allen	Oakland, Calif.	360
KZN	The Desert News	Salt Lake City, Utah	360, 485
KZV	Wenatchee Battery & Motor Co.	Wenatchee, Wash.	360
KZY	Atlantic-Pacific Radio Supplies Co.	San Francisco, Calif.	360
WAAB	Valdemar Jensen	New Orleans, La.	360

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Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WAAC	Tulane University.....	New Orleans, La.....	360
WAAD	Ohio Mechanics Institute.....	Cincinnati, Ohio.....	360
WAAE	St. Louis Chamber of Commerce.....	St. Louis, Mo.....	360
WAAF	Chicago Daily Drovers Journal.....	Chicago, Ill.....	360, 485
WAAG	Elliott Electric Co.....	Shreveport, La.....	360
WAAH	Commonwealth Electric Co.....	St. Paul, Minn.....	360
WAAJ	Eastern Radio Institute.....	Boston, Mass.....	360
WAAK	Gimbel Bros.....	Milwaukee, Wis.....	360, 485
WAAI	Minnesota Tribune Co. & Anderson Beamish Co.	Minneapolis, Minn.....	360
WAAM	I. R. Nelson Co.....	Newark, N. J.....	360
WAAN	University of Missouri.....	Columbia, Mo.....	360
WAAO	Radio Service Co.....	Charlestown, W. Va.....	360
WAAP	Otto W. Taylor.....	Wichita, Kans.....	360
WAIQ	New England Motor Sales Co.....	Greenwich Conn.....	360
WAAR	Groves-Thornton Hardware Co.....	Huntington, W. Va.....	360
WAAS	Georgia Radio Co.....	Decatur, Ga.....	360
WAAV	Athens Radio Co.....	Athens, Ohio.....	360
WAAW	Omaha Grain Exchange.....	Omaha, Neb.....	360
WAAX	Radio Service Corp.....	Crafton, Pa.....	360
WAAZ	Yahrling-Rayner Piano Co.....	Youngstown, Ohio.....	360
WAB	Hollister-Miller Motor Co.....	Emporia, Kan.....	360
WAH	Midland Refining Co.....	El Dorado, Kan.....	360, 485
WBAA	Purdue University.....	West Lafayette, Ind.....	360
WBAB	Andrew J. Potter.....	Syracuse, N. Y.....	360
WBAD	Stirling Electric Co. and Journal Printing Co.	Minneapolis, Minn.....	360
WBAE	Bradley Polytechnic Institute.....	Peoria, Ill.....	360, 485
WBAF	Fr. d. M. Middleton.....	Moorestown, N. J.....	360
WBAG	Diamond State Fibre Co.....	Bridgport, Pa.....	360, 485
WBAM	The Dayton Co.....	Minneapolis, Minn.....	360
WBAJ	Marshall-Gerken Co.....	Toledo, Ohio.....	360
WBAM	I. B. Rennyson.....	New Orleans, La.....	360
WBAN	Wireless Phone Corporation.....	Paterson, N. J.....	360
WBAO	Jam's Milliken University.....	Decatur, Ill.....	360
WBAP	Wortham-Carter Publishing Co. (Star-Telegram)	Fort Worth, Tex.....	360, 485
WBAQ	Myron L. Harmon.....	South Bend, Ind.....	360
WBAU	Republican Publishing Co.....	Hamilton, Ohio.....	360
WBAV	Erner & Hopkins Co.....	Columbus, Ohio.....	360
WBAW	Marietta College.....	Marietta, Ohio.....	360
WBAX	John H. Stinger, Jr.....	Wilkes-Barre, Pa.....	360
WBAY	American Telephone & Telegraph Co.....	New York, N. Y.....	360
WBAZ	Times-Dispatch Publishing Co.....	Richmond, Va.....	360
WBL	T. & H. Radio Co.....	Anthony, Kan.....	360
WBS	D. W. May (Inc.).....	Newark, N. J.....	360
WBT	Southern Radio Corp.....	Charlotte, N. C.....	360, 485
WBU	City of Chicago.....	Chicago, Ill.....	360
WBZ	Westinghouse Electric & Manufacturing Co.....	Springfield, Mass.....	360
WCAB	Newburgh News Printing & Publishing Co.....	Newburgh, N. Y.....	360
WCAC	John Fink Jewelry Co.....	Fort Smith, Ark.....	360
WCAD	St. Lawrence University.....	Canton, N. Y.....	360
WCAE	Kaufman & Baer Co.....	Pittsburgh, Pa.....	360
WCAF	Daily States Publishing Co.....	New Orleans, La.....	360
WCAH	Entrekin Electric Co.....	Columbus, Ohio.....	360
WCAJ	Nebraska Wesleyan University.....	University Place, Neb.....	360, 485
WCAK	Alfred P. Daniel.....	Houston, Tex.....	360
WCAL	St. Olaf College.....	Northfield, Minn.....	360
WCAM	Villanova College.....	Villanova, Pa.....	360
WCAN	Southeastern Radio Telephone Co.....	Jacksonville, Fla.....	360

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Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WCAO	Sanders & Stayman Co.....	Baltimore, Md.....	309
WCAP	Central Radio Service.....	Decatur, Ill.....	360
WCAQ	Tri-State Radio Manufacturing & Supply Co..	Defiance, Ohio.....	360
WCAR	Alamo Radio Electric Co.....	San Antonio, Tex.....	360
WCAS	Wm. Hood Dunwoody Industrial Institute....	Minneapolis, Minn.....	300
WCAT	South Dakota School of Mines.....	Rapid City, South Dakota....	485
WCAU	Philadelphia Radophone Co.....	Philadelphia, Pa.....	360
WCAV	J. C. Dice Electric Co.....	Little Rock, Ark.....	300
WCAW	Quincy Herald & Quincy Electric Supply Co..	Quincy, Ill.....	360
WCAX	University of Vermont.....	Burlington, Vt.....	360
WCAY	Kesselman O'Driscoll Co.....	Milwaukee, Wis.....	360
WCAZ	Robt. E. Compton & Quincy Whig-General....	Quincy, Ill.....	300
WCE	Findley Electric Co.....	Minneapolis, Minn.....	360
WCEJ	A. C. Gilbert Co.....	New Haven, Conn.....	360
WCK	Stix Baer-Fuller.....	St. Louis, Mo.....	360, 485
WCM	University of Texas.....	Austin, Tex.....	300, 485
WCN	Clark University.....	Worcester, Mass.....	360, 485
WCX	Detroit Free Press.....	Detroit, Mich.....	360, 485
WDAA	Ward-Belmont School.....	Nashville, Tenn.....	360
WDAB	H. C. Sumners & Son.....	Portsmouth, Ohio.....	360
WDAC	Illinois Watch Co.....	Springfield, Ill.....	485
WDAD	Wm. L. Harrison.....	Lindsborg, Kans.....	360
WDAE	Tampa Daily Times.....	Tampa, Fla.....	360, 485
WDAF	Kansas City Star.....	Kansas City, Mo.....	360
WDAG	J. Laurance Martin.....	Amarillo, Tex.....	360
WDAH	Mine & Smelter Supply Co.....	El Paso, Tex.....	360
WDAI	Hughes Electrical Corp.....	Syracuse, N. Y.....	360
WDAJ	Atlantic & West Point R. R. Co.....	College Park, Ga.....	360
WDAK	The Courant.....	Hartford, Conn.....	360
WDAL	Florida Times-Union.....	Jacksonville, Fla.....	360, 485
WDAN	Glenswood Radio Corp.....	Shreveport, La.....	360
WDAO	Automotive Electric Co.....	Dallas, Tex.....	360
WDAP	Mid West Radio Central (Inc).....	Chicago, Ill.....	360
WDAQ	Hartman-Riker Electric & Machine Co.....	Brownsville, Pa.....	360
WDAR	Lit Bros.....	Philadelphia, Pa.....	360
WDAS	Samuel A. Waite.....	Worcester, Mass.....	360
WDAT	Delta Electric Co.....	Worcester, Mass.....	360
WDAU	Slocum & Kilburn.....	New Bedford, Mass.....	360
WDAV	Muskogee Daily Phoenix.....	Muskogee, Okla.....	600
WDAW	Georgia Railway & Power Co.....	Atlanta, Ga.....	360, 485
WDAX	First National Bank.....	Centerville, Iowa.....	360
WDAY	Kenneth M. Hance.....	Fargo, N. Dak.....	360, 485
WDM	Church of the Covenant.....	Washington, D. C.....	360
WDT	Ship Owners Radio Service.....	New York, N. Y.....	360
WDV	John O. Yeiser, jr.....	Omaha, Neb.....	360
WDY	Radio Corporation of America.....	Roselle Park, N. J.....	360
WDZ	James L. Bush.....	Tuscola, Ill.....	360
WEAA	Fallain & Lathrop.....	Flint, Mich.....	360
WEAB	Standard Radio Equipment Co.....	Fort Dodge, Iowa.....	360
WEAC	Baines Electric Service Co.....	Terre Haute, Ind.....	360
WEAD	Northwest Kansas Radio Supply Co.....	Atwood, Kans.....	360
WEAE	Virginia Polytechnic Institute.....	Blacksburg, Va.....	360
WEAF	Western Electric Co.....	New York, N. Y.....	360
WEAG	Nichols-Hineline-Bassett Laboratory.....	Edgewood, R. I.....	360
WEAH	Wichita Board of Trade & Lander Radio Co..	Wichita, Kans.....	360, 485
WEAI	Cornell University.....	Ithaca, N. Y.....	360
WEAJ	University of South Dakota.....	Vermillion, S. Dak.....	360
WEAK	Julius B. Abercrombie.....	St. Joseph, Mo.....	360
WEAM	Borough of North Plainfield.....	North Plainfield, N. J.....	360

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WEAN	Shepard Co.	Providence, R. I.	360
WEAO	Ohio State University	Columbus, Ohio	360, 485
WEAP	Mobile Radio Co.	Mobile, Ala.	360
WEAQ	Young Men's Christian Association	Berlin, N. H.	360
WEAR	Baltimore American & News Publishing Co.	Baltimore, Md.	360
WEAS	Hecht Co.	Washington, D. C.	360
WEAT	John J. Fogarty	Tampa, Fla.	360
WEAU	Davidson Bros. Co.	Sioux City, Iowa	360
WEAV	Sheridan Electric Service Co.	Rushville, Neb.	360
WEAW	Arrow Radio Laboratories	Anderson, Ind.	360
WEAX	T. J. M. Daly	Little Rock, Ark.	360, 485
WEAY	Will Herwitz, Jr.	Houston, Tex.	360
WEAZ	Donald Redmond	Waterloo, Iowa	360
WEB	Benwood Co.	St. Louis, Mo.	360
WEH	Midland Refining Co.	Tulsa, Okla.	360, 485
WEV	Hurlburt-Still Electrical Co.	Houston, Tex.	360, 485
WEW	St. Louis University	St. Louis, Mo.	360, 485
WEY	Cosradio Co.	Wichita, Kan.	360, 485
WEAA	A. H. Bolo & Co.	Dallas, Tex.	360, 485
WEAB	Carl F. Woese	Syracuse, N. Y.	360
WEAC	Superior Radio Co.	Superior, Wis.	360
WEAD	Watson Weldon Motor Supply Co.	Salina, Kan.	360
WEAF	H. C. Spratley Co.	Poughkeepsie, N. Y.	360
WEAG	Radio Engineering Laboratory	Waterford, N. Y.	360
WEAH	Electric Supply Co.	Port Arthur, Tex.	360
WEAJ	Hi-Grade Wireless Instrument Co.	Asheville, N. C.	360
WEAK	Domestic Electric Co.	Brentwood, Mo.	360
WEAL	Houston Chronicle Publishing Co.	Houston, Tex.	360, 485
WEAM	Times Publishing Co.	St. Cloud, Minn.	360
WEAN	Hutchinson Electric Service Co.	Hutchinson, Minn.	360, 485
WEAP	Brown's Business College	Peoria, Ill.	360
WEAQ	Missouri Wesleyan College & Cameron Radio Co.	Cameron, Mo.	360
WEAR	Hall & Stubbs	Sanford, Me.	360
WEAS	United Radio Corporation	Fort Wayne, Ind.	360
WEAT	Daily Argus-Leader	Sioux Falls, So. Dak.	360
WEAU	Edwin C. Lewis	Boston, Mass.	360
WEAV	University of Neb., Dept. of Elec. Engineering	Lincoln, Neb.	360, 485
WEAW	Miami Daily Metropolis	Miami, Fla.	360
WEAX	Arthur L. Kent	Binghamton, N. Y.	360
WEAY	Daniels Radio Supply Co.	Independence, Kan.	360
WEAZ	South Carolina Radio Shop	Charleston, S. C.	360
WFI	Strawbridge & Clothier	Philadelphia, Pa.	360
WFO	Rike-Kumler Co.	Dayton, Ohio	360, 485
WGAB	Q R V Radio Co.	Houston, Tex.	360
WGAC	Orpheum Radio Stores Co.	Brooklyn, N. Y.	360
WGAD	Spanish-American School of Radio Telegraphy	Ensenada, P. R.	360
WGAF	Goller Radio Service	Tulsa, Okla.	360
WGAH	New Haven Electric Co.	New Haven, Conn.	360
WGAJ	W. H. Gass	Shenandoah, Iowa	360
WGAK	Macon Electric Co.	Macon, Ga.	360
WGAL	Lancaster Electric Supply & Construction Co.	Lancaster, Pa.	360
WGAM	Orangeburg Radio Equipment Co.	Orangeburg, S. C.	360
WGAN	Cecil E. Lloyd	Pensacola, Fla.	360
WGAQ	W. G. Patterson (Glenwood Radio Corp.)	Shreveport, La.	360
WGAR	Southwest American	Fort Smith, Ark.	360
WGAS	Ray-Di-Co Organization	Chicago, Ill.	360
WGAT	American Legion, Department of Nebraska	Lincoln, Neb.	360

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WGAU	Marcus G. Lmb.....	Wooster, Ohio	300
WGAU	I-H Radio Co.....	Savannah, Ga.	360
WGAU	Ernest C. Albright.....	Altoona, Pa.	360
WGAX	Radio Electric Co.....	Washington Court House, Ohio	360
WGAY	Northwestern Radio Co.....	Madison, Wis.	360
WGAZ	South Bend Tribune.....	South Bend, Ind.....	360
WGF	The Register & Tribune.....	Des Moines, Iowa.....	360
WGI	American Radio Research Corp.....	Medford Hillside, Mass.....	360, 485
WGL	Thomas F. J. Howlett.....	Philadelphia, Pa.	360
WGM	Atlanta Constitution	Atlanta, Ga.	400
WGR	Federal Telephone & Telegraph Co.	Buffalo, N. Y.	360, 485
WGU	The Fair	Chicago, Ill.	360
WGV	Interstate Electric Co.....	New Orleans, La.	360
WGY	General Electric Co.....	Schenectady, N. Y.	360, 485
WHA	University of Wisconsin.....	Madison, Wis.	360, 485
WHAA	State University of Iowa.....	Iowa City, Iowa.....	360
WHAB	Clark W. Thompson (Fellman's Dry Goods Co.)	Galveston, Tex.	360, 485
WHAC	Cole Bros. Electric Co.....	Waterloo, Iowa	360
WHAD	Marquette University	Milwaukee, Wis.	360
WHAE	Automotive Electric Service Co.....	Sioux City, Iowa.....	360
WHAF	Radio Electric Co.....	Pittsburgh, Pa.	360
WHAG	University of Cincinnati.....	Cincinnati, Ohio.....	360
WHAH	John T. Griffin.....	Joplin, Mo.	360
WHAI	Radio Equipment & Mfg Co.....	Davenport, Iowa	360
WHAJ	Bluefield Daily Telegraph and E. K. Klits.....	Bluefield, W. Va.....	360
WHAK	Roberts Hardware Co.....	Clarksburg, W. Va.....	360
WHAL	Phillips Jeffery & Derby.....	Lansing, Mich.	360
WHAM	University of Rochester.....	Rochester, N. Y.	360
WHAN	Southwestern Radio Co.....	Wichita, Kans.	360
WHAO	Frederic A. Hill.....	Savannah, Ga.	360
WHAP	Deway L. Otta.....	Decatur, Ill.	360
WHAQ	Semmes Motor Co.....	Washington, D. C.	300
WHAR	Paramount Radio & Electric Co.....	Atlantic City, N. J.....	360
WHAS	Courier-Journal and Louisville Times.....	Louisville, Ky.	360, 485
WHAT	Yale Democrat-Yale Telephone Co.....	Yale, Okla.	360
WHAU	Corinth Radio Supply Co.....	Corinth, Miss.	360
WHAV	Wilmington Electrical Specialty Co.....	Wilmington, Del.	360
WHAV	Pierce Electrical Co.....	Tampa Fla.	360
WHAX	Halyoke Street Ry Co.....	Holyoke, Mass.	360
WHAY	Huntington Press	Huntington, Ind.	360, 485
WHAZ	Rensselaer Polytechnic Institute.....	Troy, N. Y.	360
WHB	Sweeney School Co.....	Kansas City, Mo.	360, 485
WHD	West Virginia University	Morgantown, W. Va.....	360
WHK	Warren R. Cox.....	Cleveland, Ohio	360
WHN	Ridgewood Times Printing & Publishing Co..	Ridgewood, N. Y.	360
WHQ	Rochester Times Union.....	Rochester, N. Y.	360, 485
WHU	Wm. B. Duck Co.....	Toledo, Ohio	360
WHW	Stuart W. Seeley.....	East Lansing, Mich.	485
WHAA	Waupaca Civic and Commerce Association...	Waupaca, Wis.	360
WHAB	Joslyn Automobile Co.....	Rockford, Ill.	360
WHAC	Galveston Tribune	Galveston, Tex.	360
WHAD	Ocean City Yacht Club.....	Ocean City, N. J.....	360
WHAE	Mrs. Robert E. Zimmerman.....	Vinton, Iowa	360
WHAF	Gustav A. De Cortin.....	New Orleans, La.....	360
WHAG	Mathews Electrical Supply Co.....	Birmingham, Ala.	360
WHAH	Continental Radio & Mfg Co.....	Newton, Iowa	360
WHAI	Heer Stores Co.....	Springfield, Mo.	360
WHAJ	Fox River Valley Radio Supply Co.....	Neenah, Wis.	360
WHAK	Journal-Stockman Co.	Omaha, Neb.	360, 485

The Boston Transcript's

DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WIAL	Standard Service Co.....	Norwood, Ohio	360
WIAN	Chronicle & News Publishing Co.....	Allentown, Pa.	360
WIAO	School of Eng. of Milwaukee and Wis. News..	Milwaukee, Wis.	360
WIAP	Radio Development Corp.....	Springfield, Mass.	360
WIAQ	Chronicle Publishing Co.....	Marion, Ind.	360
WIAR	J. A. Rudy & Sons.....	Paducah, Ky.	360
WIAS	Burlington Hawkeye & Home Electric Co.....	Burlington, Iowa	360
WIAT	Leon T. Noel.....	Tarkio, Mo.	360
WIAU	American Trust and Savings Bank.....	Le Mars, Iowa.....	360
WIAV	New York Radio Laboratories.....	Binghamton, N. Y.....	360
WIAW	Saginaw Radio & Electric Co.....	Saginaw, Mich.	360
WIAN	Capitol Radio Co. (Ira C. Kohwer).....	Lincoln, Neb.	360
WIAZ	Woodward & Lothrop.....	Washington, D. C.....	360
WIAZ	Electric Supply Sales Co.....	Miami, Fla.	360
WIK	K. & L. Electric Co	McKeesport, Pa.	360
WIL	Continental Electrical Supply Co.....	Washington, D. C.....	360
WIP	Gimbel Bros.....	Philadelphia, Pa.....	360
WIZ	Cino Radio Manufacturing Co.....	Cincinnati, Ohio.....	360, 485
WJAB	American Radio Co.....	Lincoln, Neb.	360
WJAC	Redell Co.....	Joplin, Mo.	360
WJAD	Jackson's Radio Engineering Laboratories....	Waco, Tex.	360
WJAE	Texas Radio Syndicate.....	San Antonio, Tex.....	360
WJAF	Munsey Press	Munsey, Ind.	360
WJAG	Norfolk Daily News (Huse Publishing Co)....	Norfolk, Neb.	360
WJAH	Central Park Amusement Co.....	Rockford, Ill.	360
WJAJ	Y. M. C. A.....	Dayton, Ohio	360
WJAK	White Radio Laboratory.....	Stockdale, Ohio	360
WJAL	Victor Radio Corp.....	Portland, Me.	360
WJAM	D. M. Perham.....	Cedar Rapids, Iowa.....	360
WJAN	Peoria Star Peoria Radio Sales Co.....	Peoria, Ill.....	360
WJAP	Kelley-Duluth Co	Duluth, Minn.....	360
WJAR	Copper Publications.....	Topeka, Kans.....	360
WJAR	The Outlet Co. (J. Samuels & Bro.).....	Providence, R. I.....	360
WJAS	Pittsburgh Radio Supply House.....	Pittsburgh, Pa.....	360
WJAT	Kelly-Vawter Jewelry Co.....	Marshall, Mo.....	360
WJAU	Yankton College.....	Yankton, S. Dak.....	360
WJAX	Union Trust Co.....	Cleveland, Ohio.....	360
WJAZ	Chicago Radio Laboratory.....	Chicago, Ill.....	360
WJD	Richard H. Howe.....	Granville, Ohio.....	360
WJH	White & Boyer Co.....	Washington, D. C.....	360
WJK	Service Radio Equipment Co.....	Toledo, Ohio.....	360
WJT	Electric Equipment Co.....	Erie, Pa.....	360
WJX	De Forest Radio Telephone & Telegraph Co..	New York, N. Y.....	360
WJZ	Westinghouse Electric & Manufacturing Co..	Newark, N. J.....	360
WKAA	Republican Times and H. F. Paar.....	Cedar Rapids, Iowa.....	360
WKAC	Star Publishing Co.....	Lincoln, Neb.	360
WKAD	Charles Loeff (Crescent Park).....	East Providence, R. I.....	360
WKAJ	W. S. Radio Supply Co.....	Wichita Falls, Tex.....	360
WKAF	Edwin T. Bruce, M. D.....	Louisville, Ky.....	360
WKAG	Planet Radio Co.....	West Palm Beach, Fla.....	360
WKAH	Fargo Plumbing & Heating Co.....	Fargo, N. Dak.....	360
WKAJ	Okfuskee County News.....	Okemah, Okla.....	360
WKAK	Gray & Gray.....	Orange, Tex.....	360
WKAL	Hastings Daily Tribune.....	Hastings, Neb.....	360
WKAM	Alabama Radio Mfg. Co.....	Montgomery, Ala.....	360
WKAN	Dutee W. Flint.....	Cranston, R. I.....	360
WKAP	Radio Corp. of Porto Rico.....	San Juan, P. R.....	360
WKAQ	Michigan Agriculture College.....	East Lansing, Mich.....	360

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Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WKAS	L. E. Lines Music Co.	Springfield, Mo.	360
WKAT	Frankfort Morning Times	Frankfort, Ind.	360, 485
WKAU	Laconia Radio Club	Laconia, N. H.	360
WKAU	Turner Cycle Co.	Beloit, Wis.	360
WKAX	William A. MacFarlane	Bridgeport, Conn.	360
WKAY	Hirenu College	Gainsville, Ga.	360
WKAZ	Landau's Music & Jewelry Co.	Wilkes-Barre, Pa.	360
WKF	Joseph M. Zamolski Co.	Baltimore, Md.	360
WKN	Riechman-Crosby Co.	Memphis, Tenn.	360, 485
WKN	Oklahoma Radio Shop	Oklahoma City, Okla.	360, 485
WLAB	George F. Grossman	Carrollton, Mo.	360
WLAC	North Carolina State College	Raleigh, N. C.	360
WLAD	Arvanette Radio Supply Co.	Hastings, Neb.	360
WLAF	Johnson Radio Co.	Lincoln, Neb.	360
WLAG	Cutting & Washington Radio Corp.	Minneapolis, Minn.	360
WLAH	Samuel Woodworth	Syracuse, N. Y.	360
WLAJ	Waco Electrical Supply Co.	Waco, Tex.	360
WLAJ	Vermont Farm Machine Corp.	Bellows Falls, Vt.	360
WLAL	Tulsa Radio Co.	Tulsa, Okla.	360
WLAM	Morrow Radio Co.	Springfield, Ohio	360
WLAN	Putnam Hardware Co.	Houlton, Me.	360
WLAO	Anthracite Radio Shop	Scranton, Pa.	360
WLAP	W. V. Jordan	Louisville, Ky.	360
WLAQ	A. E. Schilling	Kalamazoo, Mich.	360
WLAR	Miwkel Music Co.	Marshalltown, Iowa	360
WLAS	Hutchinson Grain Radio Co.	Hutchinson, Kans.	360, 485
WLAT	Charles G. Bosch Co.	Burlington, Iowa	360
WLAV	Electric Shop	Pensacola, Fla.	360
WLAW	Police Department of New York	New York, N. Y.	360
WLAX	Putnam Electric Co.	Greencastle, Md.	360
WLAY	Northern Commercial Co.	Fairbanks, Alaska	360
WLAZ	Hutton & Jones Electric Co.	Warren, Ohio	360
WLB	University of Minnesota	Minneapolis, Minn.	360, 485
WLK	Hamilton Manufacturing Co.	Indianapolis, Ind.	360, 485
WLW	Crosley Manufacturing Co.	Cincinnati, Ohio	360, 485
WMAB	Radio Supply Co.	Oklahoma, Okla.	360
WMAC	J. Edw. Page (Clive B. Meredith)	Cazenovia, N. Y.	360
WMAD	Atchison County Mail	Rock Port, Mo.	360
WMAF	Round Hills Radio Corp.	Dartmouth, Mass.	360
WMAG	Tucker Electric Co.	Liberal, Kans.	360
WMAH	General Supply Co.	Lincoln, Neb.	360
WMAJ	Drovers Telegram Co.	Kansas City, Mo.	360, 485
WMAK	Norton Laboratories	Lockport, N. Y.	360
WMAL	Trenton Hardware Co.	Trenton, N. J.	360
WMAM	Beaumont Radio Equipment Co.	Beaumont, Tex.	360
WMAN	Broad Street Baptist Church	Columbus, Ohio	360
WMAP	Utility Battery Service	Easton, Pa.	360
WMAQ	The Fair Corporation and Chicago Daily News	Chicago, Ill.	360
WMAR	Waterloo Electrical Supply Co.	Waterloo, Iowa	360
WMAS	Radio Equipment Co.	Richmond, Va.	360
WMAT	Paramount Radio Corp.	Duluth, Minn.	360
WMAU	Louisiana State Fair Assoc. (W. E. Antony)	Shreveport, La.	360
WMAV	Alabama Polytechnic Institute	Auburn, Ala.	360, 485
WMAW	Wahpeton Electric Co.	Wahpeton, N. Dak.	360
WMAX	K. & K. Radio Supply Co.	Ann Arbor, Mich.	360
WMAZ	Kingshighway Presbyterian Church	St. Louis, Mo.	360
WMAZ	Mercer University	Macon, Ga.	360
WMB	Auburn Electrical Co.	Auburn, Me.	360
WMC	Columbia Radio Co.	Youngstown, Ohio	360

The Boston Transcript's
DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WMH	Precision Equipment Co.....	Cincinnati, Ohio.....	360, 485
WMU	Doubleday-Hill Electric Co.....	Washington, D. C.....	360
WNAB	Park City Daily News.....	Bowling Green, Ky.....	360
WNAC	Shepard Stores.....	Boston, Mass.....	360
WNAD	Oklahoma Radio Engineering Co.....	Norman, Okla.....	360
WNAF	Enid Radio Distributing Co.....	Enid, Okla.....	360, 485
WNAF	Rath-rt Radio & Electric Shop.....	Cresco, Iowa.....	360
WNAH	Wilkes-Barre Radio Repair Shop.....	Wilkes-Barre, Pa.....	360
WNAJ	Benson Co.	Chicago, Ill.....	360
WNAK	Manhattan Radio Supply Co.....	Manhattan, Kansas.....	360
WNAL	R. J. Rockwell.....	Omaha, Neb.....	360
WNAM	Ideal Apparatus Co.....	Evansville, Ind.....	360
WNAN	Syracuse Radio Telephone Co.....	Syracuse, N. Y.....	360
WNAF	Wittenberg College.....	Springfield, Ohio.....	360
WNAQ	Charleston Radio Electric Co.....	Charleston, S. C.....	360
WNAF	C. C. Rhodes.....	Butler, Mo.....	360
WNAS	Texas Radio Corp. and Austin Statesman....	Austin, Texas.....	360
WNAT	Lenning Brothers Co.....	Philadelphia, Pa.....	360
WNAV	Peoples Telephone & Telegraph Co.....	Knoxville, Tenn.....	360
WNAW	Peninsular Radio Club (Henry Kunzmann)....	Port Monroe, Va.....	360
WNAX	Dakota Radio Apparatus Co.....	Yankton, S. D.....	360
WNAF	Ship Owners Radio Service.....	Baltimore, Md.....	360
WNJ	Shotton Radio Manufacturing Co.....	Albany, N. Y.....	360
WNO	Wireless Tel. Co. of Hudson County, N. J....	Jersey City, N. J.....	360
WOAA	Dr. Walter Hardy.....	Ardmore, Okla.....	360
WOAB	Valley Radio.....	Grand Forks, N. Dak.....	360
WOAC	Maus Radio Co.....	Lima, Ohio.....	360
WOAD	Friday Battery & Electric Corp.....	Sigourney, Iowa.....	360
WOAE	Midland College.....	Fremont, Neb.....	360
WOAF	Tyler Commercial College.....	Tyler, Tex.....	360
WOAG	Apollo Theatre (Belvidere Amusement Co.)...	Belvidere, Ill.....	360
WOAH	Palmetto Radio Corp.....	Charleston, S. C.....	360
WOAI	Southern Equipment Co.....	San Antonio, Tex.....	360
WOAJ	Ervine Electrical Co.....	Parsons, Kan.....	360
WOAK	Collins Hardware Co.....	Frankfort, Ky.....	360
WOAL	William E. Woods.....	Webster Groves, Mo.....	360
WOAN	Vaughn Conservatory of Music (J. D. Vaughn)	Lawrenceburg, Tenn.....	360
WOAO	Lyradion Manufacturing Co.....	Mishawaka, Ind.....	360
WOAP	Kalamazoo College.....	Kalamazoo, Mich.....	360
WOAQ	Portsmouth Radio Associat'n (Dr. C. T. Mercer)	Portsmouth, Va.....	360
WOAE	Henry P. Lundskow.....	Kenosha, Wis.....	360
WOAS	Bailey's Radio Shop.....	Middletown, Conn.....	360
WOAT	Boyd M. Hamp.....	Wilmington, Del.....	360
WOAU	Sowder Boiling Plano Co.....	Evansville, Ind.....	360
WOAV	Pennsylvania Nat. Guard, 2nd Bat., 112th Inf.	Erie, Pa.....	360
WOAW	Woodmen of the World.....	Omaha, Neb.....	360
WOAX	Franklyn J. Wolff (Monument Pottery Co.)...	Trenton, N. J.....	360
WOAY	John M. Wilder.....	Birmingham, Ala.....	360
WOAZ	Penick Hughes Co.....	Stamford, Tex.....	360
WOC	Palmer School of Chiropractic.....	Davenport, Iowa.....	360, 485
WOF	Buckeye Radio Service Co.....	Akron, Ohio.....	360
WOH	Hatfield Electric Co.....	Indianapolis, Ind.....	360
WOI	Iowa State College.....	Ames, Iowa.....	360, 485
WOK	Pine Bluff Co.....	Pine Bluff, Ark.....	360
WOO	John Wanamaker.....	Philadelphia, Pa.....	360
WOQ	Western Radio Co.....	Kansas City, Mo.....	360, 485
WOR	L. Bamberger & Co.....	Newark, N. J.....	360
WOS	Missouri State Marketing Bureau.....	Jefferson City, Mo.....	485

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DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WOC	Metropolitan Utilities District	Omaha, Nebr.	360, 485
WOZ	Palladium Printing Co.	Richmond, Ind.	360, 485
WPA	Fort Worth Record	Fort Worth, Tex.	360, 485
WPAA	Anderson & Webster Electric Co.	Wahoo, Neb.	360
WPAB	Pennsylvania State College	State College, Pa.	360
WPAC	Donaldson Radio Co.	Okmulgee, Okla.	360
WPAD	W. A. Wieboldt & Co.	Chicago, Ill.	360
WPAF	Peterson Radio Co.	Council Bluffs, Iowa	360
WPAG	Central Radio Co.	Independence, Mo.	360
WEAH	Wisconsin Department of Markets	Waupaca, Wis.	485
WEAJ	Doolittle Radio Corp.	New Haven, Conn.	360
WPAK	North Dakota Agricultural College	Agricultural College	360, 485
WPAL	Superior Radio & Telephone Equipment Co.	Columbus, Ohio	360
WPAM	Auerbach & Guettel	Topeka, Kan.	360
WPAN	Levy Bros. Dry Goods Co.	Houston, Tex.	360
WPAP	Theodore D. Phillips	Winchester, Ky.	360
WPAQ	General Sales & Engineering Co.	Frostburg, Md.	360
WPAR	R. A. Ward	Beloit, Kans.	360
WPAS	J. & M. Electric Co.	Amsterdam, N. Y.	360
WPAT	St. Patrick's Cathedral	El Paso, Tex.	360
WPAU	Concordia College	Moorhead, Minn.	360, 485
WPAV	Paul Tibbetti & Sons	Laurium, Mich.	360
WPAW	Radio Installation Co.	Wilmington, Del.	360
WPAX	S. W. Radio Co. (J. R. Shumate, Jr.)	Thomasville, Ga.	360
WPE	Central Radio Co.	Kansas City, Mo.	360
WPG	Nushawg Poultry Farm	New Lebanon, Ohio	360
WPI	Electric Supply Co.	Clearfield, Pa.	360
WPJ	St. Joseph's College	Philadelphia, Pa.	360
WPL	Fergus Electric Co.	Zanesville, Ohio	360
WPM	Thomas J. Williams	Washington, D. C.	360
WPO	United Equipment Co.	Memphis, Tenn.	360
WQAA	Horace A. Beale, Jr.	Parkesburg, Pa.	360
WQAB	Southwest Missouri State Teachers College	Springfield, Mo.	360
WQAC	E. B. Gish	Amarillo, Tex.	360
WQAE	Moore Radio News Station (Edmund B. Moore)	Springfield, Vt.	360
WQAK	Appel-Higley Electric Co.	Dubuque, Iowa	360
WQAL	Coles County Telephone & Telegraph Co.	Mattoon, Ill.	360
WQAQ	West Texas Radio Co.	Ablene, Tex.	360
WQAY	Gaston Music & Furniture Co.	Hastings, Neb.	360
WEAA	Rice Institute	Houston, Tex.	360
WEAN	Black Hawk Electrical Co.	Waterloo, Iowa	360
WEAR	Jacob C. Thomas	David City, Neb.	360
WEAU	Amarillo Daily News	Amarillo, Tex.	360
WEAY	Radio Sales Corp.	Seranton, Pa.	360
WERK	Doron Bros. Electric Co.	Hamilton, Ohio	360
WRL	Union College	Schenectady, N. Y.	360
WRM	University of Illinois	Urbana, Ill.	360
WRP	Federal Institute of Radio Telegraphy	Camden, N. J.	360
WRB	City of Dallas, Police and Fire Signal Dept.	Dallas, Tex.	360, 485
WBW	Tarrytown Radio Research Laboratory	Tarrytown, N. Y.	360
WSAJ	Grove City College	Grove City, Pa.	360
WSAS	State of Nebraska Dept. of Agriculture	Lincoln, Neb.	360, 485
WSAT	Plainview Electric Co.	Plainview, Tex.	360
WSAV	Clifford W. Vick Radio Construction Co.	Houston, Texas	360
WSB	Atlanta Journal	Atlanta, Ga.	360, 485
WSL	J. & M. Electric Co.	Utica, N. Y.	360
WSN	Ship Owners Radio Service	Norfolk, Va.	360
WSV	L. M. Hunter and G. L. Carrington	Little Rock, Ark.	360

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DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WSX	Erie Radio Co.	Erie, Pa.	360
WSY	Alabama Power Co.	Birmingham, Ala.	360
WTAC	Penn Traffic Co.	Johnstown, Pa.	360
WTAU	Ruegg Battery & Electric Co.	Tecumseh, Neb.	360
WTAW	Agricultural and Mechanical College.	College Stations, Texas.	360
WTG	Kansas State Agricultural College.	Manhattan, Kans.	485
WTK	Paris Radio Electric Co.	Paris, Tex.	360
WTP	George M. McBride.	Bay City, Mich.	360
WWAC	Sanger Bros.	Waco, Texas	360
WWAD	Wright & Wright (Inc.)	Philadelphia, Pa.	360
WWAX	Wormser Bros.	Laredo, Texas	360
WWB	Daily News Printing Co.	Canton, Ohio.	360
WWI	Ford Motor Co.	Dearborn, Mich.	360
WWJ	Detroit News.	Detroit, Mich.	360, 485
WWL	Loyola University	New Orleans, La.	360
WWT	McCarthy Bros. & Ford.	Buffalo, N. Y.	360
WWZ	John Woodmaker.	New York, N. Y.	360
<i>WWAI</i>	<i>Wright Wright (Inc.)</i>	<i>Philadelphia, Pa.</i>	<i>360</i>

Government Daily Market Reports

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
WAA N	U. S. Navy.	Arlington, Va.	710

(Eastern Time)

- 9.45 A.M. Livestock Reports, Receipts and Tone of Opening Market.
- 10.05 A.M. Weather Forecasts.
- 10.25 A.M. Fruit and Vegetable Shipping Reports.
- 12.25 P.M. Livestock Market Reports.
- 1.45 P.M. Fruit and Vegetable Market Reports.
- 3.25 P.M. Complete Livestock Market Quotations and Comment.
- 3.45 P.M. Special Weather Forecasts.
- 4.05 P.M. (except Saturday, when time will be 4.25 P.M.)
Crop Reports and Special News Items.
- 5.05 P.M. Market Reports, covering Grain, Livestock, Meats, etc.
- 10.05 P.M. Weather Forecasts.

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DIRECTORY OF RADIO BROADCASTING STATIONS

CANADA

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
CFAC	Radio Corpn. of Calgary, Ltd.	Calgary, Alta.	430
CFCA †	Toronto Star	Toronto, Ont.	400
CFCB	Marconi Co.	Vancouver, B. C.	440
CFCD *	Canadian Westinghouse Co.	Winnipeg, Man.	440
CFCE	Marconi Co.	Halifax, N. S.	440
CFCF	Marconi Co.	Montreal, Quebec	440
CFCH	Abitibi Power & Paper Co.	Iroquois Falls, Ont.	400
CFCI	Motor Products Corp.	Walkerville, Ont.	440
CFCN	W. W. Grant Radio, Ltd.	Calgary, Alta.	440
CFCX *	London Advertiser	London, Ont.	430
CFPC	Inter. Radio Devel. Co.	Fort Frances, Ont.	400
CFTC *	Bell Telephone Co.	Toronto, Ont.	...
CFYC	W. W. Odium, Vancouver World.	Vancouver, B. C.	400
CFZC *	Canadian Westinghouse Co.	Montreal, Que.	400
CHBC	Albertan Publishing Co.	Calgary, Alta.	410
CHCA *	Radio Corpn. of Vancouver, Ltd.	Vancouver, B. C.	430
CHCB	Marconi Co.	Toronto, Ont.	440
CHCC *	Canadian Westinghouse Co.	Edmonton, Alta.	400
CHCF	Radio Corporation of Winnipeg.	Winnipeg, Man.	430
CHCQ	Western Radio Co.	Calgary, Alta.	400
CHCS *	Radio Shoppe	London, Ont.	410
CHCX	B. L. Silver	Montreal, Que.	420
CHCZ *	Toronto Globe	Toronto, Ont.	420
CHIC *	Canadian Westinghouse Co.	Hamilton, Ont.	400
CHOC *	Canadian Westinghouse Co.	Vancouver, B. C.	400
CHVC	Metropolitan Motors	Toronto, Ont.	410
CHXC	J. R. Booth, Jr.	Ottawa, Ont.	400
CHYC *	Northern Electric Co.	Montreal, Que.	410
CJBC	Dupuis Freres	Montreal, Que.	420
CJCA	Edmonton Journal	Edmonton, Alta.	450
CJCB	J. G. Bennett	Nelson, B. C.	400
CJCD	T. Eaton Co.	Toronto, Ont.	410
CJCE	Vancouver Daily Sun.	Vancouver, B. C.	420
CJCF	The News Record, Ltd.	Kitchener, Ont.	420
CJCG †	Manitoba Free Press.	Winnipeg, Man.	410
CJCH *	United Farmers of Ont.	Toronto, Ont.	410
CJCI	McLean, Holt & Co.	St. John, N. B.	400
CJCN	Simons, Agnew & Co.	Toronto, Ont.	410
CJCS *	Eastern Telephone & Telegraph Co.	Halifax, N. S.	410
CJCY *	Edmund Taylor	Calgary, Alta.	420
CJGC	London Free Press Printing Co.	London, Ont.	430
CJNC	The Tribune	Winnipeg, Man.	400
CJSC	Evening Telegram	Toronto, Ont.	430
CKAC	La Presse	Montreal, Que.	430

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DIRECTORY OF RADIO BROADCASTING STATIONS

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.
CKCB *	T. Eaton Co.....	Winnipeg, Man.	450
CKCD	Daily Province	Vancouver, B. C.	410
CKCE	Canada Independent Tel. Co.....	Toronto, Ont.	450
CKCK	Leader Publishing Co.....	Regina, Sask.	420
CKCR	Jones Electric Radio Co.....	St. John, N. B.	400
CKCZ *	Canadian Westinghouse Co.....	Toronto, Ont.	420
CKKC *	Radio Equipment & Supply Co.....	Toronto, Ont.	410
CKOC	Wentworth Radio Supply So.....	Hamilton, Ont.	410
CKQC	Radio Supply Co.....	London, Ont.	410
CKZC	Salton Radio Engineering Co.....	Winnipeg, Man.	420

* Not yet in operation. † This station is appointed by the Department of Marine and Fisheries to transmit weather forecasts and meteorological reports.

CUBA

PWX	Cuban Telephone Co.....	Havana	400
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**Broadcasting
Stations
Arranged
Alphabetically
by
States**

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DIRECTORY OF RADIO BROADCASTING STATIONS

ALABAMA		Your Adjustment
Auburn	Alabama Polytechnic Institute.....	WMAV
Birmingham	Alabama Power Co.....	WSY
	Mathews Electrical Supply Co.....	WIAG
	John M. Wilder.....	WOAY
Mobile	Mobile Radio Co.....	WEAP
Montgomery	Alabama Radio Mfg. Co.	WKAN
ALASKA		
Fairbanks	Northern Commercial Co.....	WLAY
ARIZONA		
Phoenix	McArthur Bros. Mercantile Co.....	KFAD
	Nielsen Radio Supply Co.....	KFCE
	Smith, Hughes & Co.....	KDYW
Prescott	Savage Electric Co.....	KFBQ
Tucson	Arizona Daily Star.....	KDZA
	University of Arizona.....	KFDH
ARKANSAS		
Fort Smith	John Fink Jewelry Co.....	WCAC
	Southwest American	WGAR
Little Rock.....	T. J. M. Daly.....	WEAX
	J. C. Dice Electric Co.....	WCAV
	L. M. Hunter and G. L. Carrington.....	WSV
Pine Bluff	Pine Bluff Co.....	WOK
CALIFORNIA		
Altadena	Altadena Radio Laboratory.....	KGO
Bakersfield	Alfred Harrell	KYI
Bakersfield	Frank E. Siefert.....	KDZB
Berkeley	Maxwell Electric Co.....	KRE
	University of California.....	KQI
Del Monte.....	Noggle Electric Works.....	KLN
El Monte	Coast Radio Co.....	KUY
Eureka	T. W. Smith.....	KNI
Fresno	Fresno Evening Herald.....	KDZH
	San Joaquin Light & Power Corp.....	KMJ
Glendale	Glendale Daily Press.....	KFAC
Gridley	The Precision Shop.....	KFU
Hanford	Clarence B. Welch.....	KFED
Hollywood	Studio Lightning Service Co. (O. K. Olesen)..	KFAR
Long Beach.....	Prest & Dean Radio Research Laboratory.....	KSS
Los Altos.....	Colin B. Kennedy Co.....	KLP
Los Angeles	Earle C. Anthony (Inc.).....	KFI
	Automobile Club of Southern California.....	KDZF
	Beacon Light Co.....	KNR
	Bible Institute of Los Angeles.....	KJS
	Braun Corp.....	KXS

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CALIFORNIA (Continued)		Year Adjustment	
Los Angeles.....	Bullock's	KNN	
	City Dye Works & Laundry Co.....	KUS	
	Irving S. Cooper.....	KZI	
	C. R. Kierulff & Co.....	KHJ	
	Electric Lighting Supply Co.....	KNX	
	Los Angeles Examiner.....	KWH	
	Leo J. Meyberg Co.....	KYJ	
	W. R. Mitchell.....	KDZD	
	Newbery Electric Corp.....	KDZP	
	Radio Supply Co.....	KNV	
	Standard Radio Co.....	KJC	
	Western Radio Electric Co.....	KOG	
	Modesto	Herald Publishing Co.....	KXD
		Modesto Evening News.....	KOQ
Oakland	Preston D. Allen.....	KZM	
	Tribune Publishing Co.....	KLX	
	Warner Bros.....	KLS	
Pasadena	J. J. Dunn & Co.....	KLB	
	Pasadena Star-News Publishing Co.....	KDYR	
Pomona	Pomona Fixture & Wiring Co.....	KGF	
(Portable)	Borch Radio Corp.....	KFBN	
Redwood City ...	Great Western Radio Corp.....	KDYN	
Reedley	Lindsay-Weatherill & Co.....	KMC	
	C. H. Weatherill.....	KFAZ	
Richmond	Richmond Radio Shop.....	KFCM	
Sacramento	J. C. Hobrecht	KVQ	
	Kimball-Upson Co.....	KFBK	
San Antonio.....	Los Angeles Union Stock Yards.....	KFCL	
San Diego.....	W. K. Azbill.....	KFBC	
	Holzwasser (Inc.).....	KON	
	Savoy Theatre	KDYM	
	Dr. R. O. Shelton.....	KFFA	
	Carlson & Simpson.....	KDYO	
	Southern Electrical Co.....	KDPT	
	Thearle Music Co.....	KYF	
	San Francisco ...	Atlantic-Pacific Radio Supplies Co.....	KZY
		Cyrus Peirce & Co.....	KDZG
		Examiner Printing Co.....	KUO
Claude W. Gerles.....		KDZW	
Glad Tidings Tabernacle.....		KDZX	
Hale Bros		KFO	
John D. McKee.....		KFDB	
Leo J. Meyberg Co.....		KDN	
The Emporium.....	KSL		
The Radio Telephone Shop.....	KYY		

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CALIFORNIA (Continued)		Your Adjustment
San Jose.....	City of San Jose.....	KFAQ
	O. A. Hale & Co.....	KSC
	Charles D. Herrold.....	KQW
San Luis Obispo..	Reuben H. Horn.....	KFBE
Santa Ana.....	The Radio Den.....	KFAW
Santa Barbara ..	Fallon Co.....	KPHJ
Stanford Univ.....	Leland Stanford University.....	KFGH
Stockton	C. O. Gould.....	KJQ
	Portable Wireless Telephone Co.....	KWG
Sunnyvale	The Radio Shop.....	KJJ
Taft	City of Taft.....	KFEB
Venice	Cooke & Chapman.....	KFAV
COLORADO		
Boulder	University of Colorado.....	KFAJ
Colorado Springs.	C. F. Aldrich Marble & Granite Co.....	KHD
	Colorado Springs Radio Co.....	KFCB
	Clarence O. Ford.....	KFBV
Denver	Knight-Campbell Music Co.....	KFDL
	Motor Generator Co.....	KDZQ
	Radio Equipment Co.....	KFEP
	Reynolds Radio Co.....	KLZ
	Rocky Mountain Radio Corp.....	KDYY
	Western Radio Corporation.....	KFAF
	Young Men's Christian Association.....	KOA
Trinidad	Trinidad Electric & Supply Co.....	KFBS
CONNECTICUT		
Bridgport	William A. MacFarlane.....	WKAX
Greenwich	New England Motor Sales Co.	WAAQ
Hartford	The Courant.....	WBAK
Middletown	Balley's Radio Shop.....	WOAS
New Haven	Doolittle Radio Corp.....	WPAJ
	A. C. Gilbert Co.....	WCJ
	New Haven Electric Co.....	WGAH
DELAWARE		
Wilmington	Boyd M. Hamp.....	WQAT
	Radio Installation Co.....	WPAW
	Wilmington Electrical Specialty Co.....	WHAV
DISTRICT OF COLUMBIA		
Washington	Church of the Covenant.....	WDM
	Continental Electrical Supply Co.....	WIL
	Doubleday-Hill Electric Co.....	WMU
	Hecht Co	WEAS
	Semmes Motor Co.....	WHAQ
	White & Boyer Co.....	WJH
	Thomas J. Williams.....	WPM
	Woodward & Lothrop.....	WIAX

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FLORIDA		Your Adjustment
Jacksonville	Florida Times-Union.....	WDAL
	Southeastern Radio Telephone Co.....	WCAN
Miami	Electric Supply Sales Co.....	WIAZ
	Miami Daily Metropolis.....	WFAW
Pensacola	Electric Shop	WLAV
	Cecil E. Lloyd.....	WGAN
Tampa	John J. Fogarty.....	WEAT
	Pierce Electrical Co.....	WHAW
	Tampa Daily Times.....	WDAE
West Palm Beach	Planet Radio Co.....	WKAH
GEORGIA		
Atlanta	Atlanta Constitution.....	WGMI
	Atlanta Journal.....	WSB
	Georgia Railway & Power Co.....	WDAW
College Park.....	Atlanta & West Point R. R. Co.....	WDAJ
Decatur	Georgia Radio Co.....	WAAS
Gainesville	Brenau College	WKAY
Macon	Macon Electric Co.....	WGAZ
	Mercer University	WMAZ
Savannah	B-H Radio Co.....	WGAV
	Frederic A. Hill.....	WHAO
Thomasville	S-W Radio Co. (J. R. Shumate, Jr.).....	WAPAX
IDAHO		
Boise	Boise High School.....	KFAU
	Idaho Radio Supply Co.....	KFBJ
	St. Michael's Cathedral.....	KFDD
Lewiston	Ramey & Bryant Radio Co.....	KFBA
Moscow	The Electric Shop.....	KFAN
Wallace	Auto Supply Co.....	KFCC
ILLINOIS		
Belvidere	Apollo Theatre (Belvidere Amusement Co.)....	WOAG
Chicago	Benson Co.....	WNAJ
	Chicago Daily Drivers Journal.....	WAAF
	Chicago Radio Laboratory.....	WJAZ
	City of Chicago.....	WBU
	Mid West Radio Central (Inc.).....	WDAP
	Ray-Di-Co Organization	WGAS
	The Fair	WGU
	The Fair Corporation and Chicago Daily News	WMAQ
	Westinghouse Electric & Manufacturing Co..	KYW
	W. A. Wieboldt & Co.....	WPAD
Decatur	Dewey L. Otta.....	WHAP
	James Milliken University.....	WBAC
	Central Radio Service.....	WCAP
Mattoon	Coles County Telephone & Telegraph Co....	WQAL

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ILLINOIS (Continued)		Your Adjustment
Peoria	Bradley Polytechnic Institute.....	WBAE
	Erown's Business College.....	WFAP
	Peoria Star-Peoria Radio Sales Co.....	WJAN
Quincy	Quincy Herald & Quincy Electric Supply Co...	WCAW
	Robt. E. Compton & Quincy Whig-General...	WCAZ
Rockford	Central Park Amusement Co.....	WJAH
	Joslyn Automobile Co.....	WIAB
Springfield	Illinois Watch Co.....	WDAC
Tuscola	James L. Bush.....	WDZ
Urbana	University of Illinois.....	WRM

INDIANA

Anderson	Arrow Radio Laboratories.....	WEAW
Evansville	Ideal Apparatus Co.....	WNAM
	Sowder Bolling Plano Co.....	WQAU
Frankfort	Frankfort Morning Times.....	WKAT
Port Wayne.....	United Radio Corporation.....	WFAS
Greencastle	Putnam Electric Co.....	WLAX
Huntington	Huntington Press	WHAY
Indianapolis	Hamilton Manufacturing Co.....	WLK
	Hatfield Electric Co.....	WGH
Marion	Chronicle Publishing Co.....	WIAQ
Mishawaka	Lyradion Manufacturing Co.....	WQAG
Munsey	Munsey Press	WJAF
Richmond	Palladium Printing Co.....	WOZ
South Bend	Myr. J. L. Harmon.....	WBAQ
	South Bend Tribune.....	WGAZ
Terre Haute.....	Baines Electric Service Co.....	WEAC
West Lafayette... Purdue University		WBAA

IOWA

Ames	Iowa State College.....	WOI
Burlington	Burlington Hawkeye & Home Electric Co...	WIAS
	Charles G. Bosch Co.....	WLAT
Cedar Rapids	D. M. Perham.....	WJAM
	Republican Times and H. F. Paar.....	WKAA
Centerville	First National Bank.....	WDAX
Council Bluffs	Peterson Radio Co.....	WPAF
Cresco	Rathert Radio & Electric Shop.....	WNAQ
Davenport	Palmer School of Chiropractic.....	WOC
	Radio Equipment & Mfg. Co.....	WHAI
Des Moines	The Register & Tribune.....	WGF
Dubuque	Appel-Higley Electric Co.....	WQAK
Fort Dodge.....	Standard Radio Equipment Co.....	WEAB
Iowa City	State University of Iowa.....	WHIA
Le Mars.....	American Trust and Savings Bank.....	WIAU
Marshalltown	Mickel Music Co.....	WLAR
Newton	Continental Radio & Mfg. Co.....	WIAH

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IOWA (Continued)

Your Adjustment

Shenandoah	W. H. Gass.....	WGAJ
Sigourney	Friday Battery & Electric Corp.....	WOAD
Sloux City	Automotive Electric Service Co.....	WHAE	.....
	Davidson Bros Co.....	WEAU	.....
Vinton	Mrs. Robert E. Zimmerman.....	WIAE	.....
Waterloo	Black Hawk Electrical Co.....	WRAN	.....
	Cole Bros. Electric Co.....	WHAC	.....
	Donald Redmond	WEAZ	.....
	Waterloo Electrical Supply Co.....	WMAR	.....

KANSAS

Anthony	T. & H. Radio Co.....	WBL	.....
Atwood	Northwest Kansas Radio Supply Co.....	WEAD	.....
Beloit	E. A. Ward.....	WPAR	.....
El Dorado	Midland Refining Co.....	WAH	.....
Emporia	Hollister-Miner Motor Co.....	WAAZ	.....
Hutchinson	Hutchinson Grain Radio Co.....	WIAS	.....
Independence	Daniels Radio Supply Co.....	WFAY	.....
Liberal	Tucker Electric Co.....	WMAG	.....
Lindsborg	Wm. L. Harrison.....	WDAD	.....
Manhattan	Kansas State Agricultural College.....	WTG	.....
	Manhattan Radio Supply Co.....	WNAK	.....
Parsons	Evine Electrical Co.....	WOAJ	.....
Salina	Watson Weldon Motor Supply Co.....	WFAD	.....
Topeka	Auerbach & Guettel.....	WTAM	.....
	Capper Publications	WJAQ	.....
Wichita	Cosradio Co.....	WEY	.....
	Southwestern Radio Co.....	WHAN	.....
	Otto W. Taylor	WAAP	.....
	Wichita Board of Trade & Lander Radio Co..	WEAH	.....

KENTUCKY

Bowling Green	Park City Daily News	WNAB	.....
Frankfort	Collins Hardware Co.....	WOAK	.....
Louisville	Edwin T. Bruce, M. D.....	WKAG	.....
	Courier-Journal and Louisville Times.....	WHAS	.....
	W. V. Jordan.....	WJAP	.....
Paducah	J. A. Rudy & Sons.....	WIAR	.....
Winchester	Theodore D. Phillips.....	WPAF	.....

LOUISIANA

New Orleans.....	Gustav A. De Cortin.....	WIAF	.....
	Daily States Publishing Co.....	WCAG	.....
	Interstate Electric Co.....	WGV	.....
	Loyola University.....	WWL
	I. B. Remson.....	WBAM
	Tulane University	WAAC
	Vademar Jensen	WAAB

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LOUISIANA (Continued)		Your Adjustment
Shreveport	Elliott Electric Co.....	WAAQ
	Glenwood Radio Corp.....	WDAN
	Louisiana State Fair Ass'n. (W. E. Antony)...	WMAU
	W. G. Patterson (Glenwood Radio Corp.)...	WGAQ

MAINE

Auburn	Auburn Electric Co.....	WMB
Houlton	Putnam Hardware Co.....	WLAN
Portland	Victor Radio Corporation.....	WJAL
Sanford	Hall & Stubbs	WFAW

MARYLAND

Baltimore	Baltimore American & News Publishing Co...	WEAR
	Sanders & Stayman Co.....	WCAO
	Ship Owners Radio Service.....	WNAV
	Joseph M. Zamoiski Co.....	WFC
Frostburg	General Sales & Engineering Co.....	WPAQ

MASSACHUSETTS

Boston	Eastern Radio Institute	WAAJ
	Edwin C. Lewis.....	WFAE
	Shepard Stores	WNAU
Dartmouth	Round Hills Radio Corp.....	WMAF
Holyoke	Holyoke Street Railway Co.....	WHAX
Medford Hillside.....	American Radio Research Corp.....	WGI
New Bedford	Stocum & Kilburn.....	WDAU
Springfield	Radio Development Corporation.....	WIAF
	Westinghouse Electric & Manufacturing Co ..	WBZ
Worcester	Clark University	WCN
	Delta Electric Co.....	WDAT
	Samuel A. Waite.....	WDAS

MICHIGAN

Ann Arbor.....	K. & K. Radio Supply Co.....	WMAX
Bay City.....	George H. McBride.....	WTP
Dearborn	Ford Motor Co.....	WWI
Detroit	Detroit Free Press.....	WCX
	Detroit News	WWJ
	Detroit Police Department.....	KOP
East Lansing.....	Michigan Agriculture College.....	WKAR
	Stuart W. Seeley.....	JHW
Flint	Fallain & Lathrop.....	WEAA
Kalamazoo	Kalamazoo College	WOAP
	A. E. Schilling.....	WLAQ
Lansing	Phillips Jeffery & Derby.....	WHAL
Laurium	Paul Tinetti & Sons.....	WPAV
Saginaw	Saginaw Radio & Electric Co.....	WIAW

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MINNESOTA		Your Adjustment
Duluth	Kelley-Duluth Co.....	WJAP
	Paramount Radio Corp.....	WMAF
Hutchinson	Hutchinson Electric Service Co.....	WFAN
Minneapolis	Cutting & Washington Radio Corp.....	WLAG
	Findley Electric Co.....	WCE
	Minnesota Tribune Co. & Anderson-Beamish Co.	WAAL
	Sterling Electric and Journal Printing Co....	WBAD
	The Dayton Co.....	WBAH
	University of Minnesota.....	WLB
	Wm. Hood Dunwoody Industrial Institute....	WCAS
Moorhead	Concordia College	WPAU
Northfield	St. Olaf College.....	WCAL
St. Cloud.....	Times Publishing Co.....	WFAM
St. Paul	Commonwealth Electric Co.....	WAAH
MISSISSIPPI		
Corinth	Corinth Radio Supply Co.....	WHAU
MISSOURI		
Brentwood	Domestic Electric Co.....	WFAK
Butler	C. C. Rhodes	WNAR
Cameron	Missouri Wesleyan College & Cameron Radio Co.	WFAQ
Carrollton	George F. Grossman.....	WLAB
Columbia	University of Missouri.....	WAAN
Independence	Central Radio Co.....	WPAG
Jefferson City	Missouri State Marketing Bureau.....	WOS
Joplin	John T. Griffin.....	WHAH
	Redell Co.....	WJAC
Kansas City	Central Radio Co.....	WPE
	Drovers Telegram Co.....	WMAJ
	Kansas City Star.....	WDAF
	Sweeney School Co.....	WHB
	Western Radio Co.....	WOQ
Marshall	Kelly-Vawter Jewelry Co.....	WJAT
Rock Port	Atchison County Mall.....	WMAD
Springfield	Heer Stores Co.....	WIAI
	L. E. Lines Music Co.....	WKAS
	Southwest Missouri State Teachers College...	WQAB
St. Joseph.....	Julius B. Abercrombie.....	WEAK
St. Louis.....	Benwood Co	WEB
	Kingshighway Presbyterian Church.....	WMAY
	Stix-Baer-Fuller	WCK
	St. Louis Chamber of Commerce.....	WAAE
	Post Dispatch.....	KSD
	St. Louis University.....	WEW
Tarkio	Leon T. Noel.....	WIAT
Webster Groves...	William E. Woods.....	WOAL

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		MONTANA	Your Adjustment
Billings	Electric Service Station (Inc.)	KFCH	
Butte	Butte School of Telegraph (F. H. Smith)	KFBF	
	Standard Publishing Co.	KFAP	
Great Falls	The Tribune	KDYS	
Havre	F. A. Buttrey & Co.	KFBB	
Polytechnic	Billings Polytechnic Institute	KFED	
		NEBRASKA	
David City	Jacob C. Thomas	WRAR	
Fremont	Midland College	WOAE	
Hastings	Arvanette Radio Supply Co.	WLAD	
	Gaston Music & Furniture Co.	WQAY	
	Hastings Daily Tribune	WKAM	
Lincoln	American Legion, Department of Nebraska	WGAT	
	American Radio Co.	WJAB	
	Capitol Radio Co. (Paul C. Rohwer)	WIAX	
	General Supply Co.	WMAH	
	Johnson Radio Co.	WLAF	
	Star Publishing Co.	WKAC	
	State of Nebraska, Department of Agriculture	WSAS	
	University of Neb., Dept. of Elec. Engineering	WFAV	
Norfolk	Norfolk Daily News (Huse Publishing Co.)	WJAG	
Omaha	Journal-Stockman Co.	WIAK	
	Metropolitan Utilities District	WOU	
	Omaha Grain Exchange	WAAW	
	R. J. Rockwell	WNAL	
	Woodmen of the World	WQAW	
	John O. Yeiser, Jr.	WDV	
Rushville	Sheridan Electric Service Co.	WEAV	
Tecumseh	Ruegg Battery & Electric Co.	WTAU	
University Place	Nebraska Wesleyan University	WCAJ	
Wahoo	Anderson & Webster Electric Co.	WPAW	
		NEVADA	
Reno	Nevada Machinery & Electric Co.	KDZK	
	Reno Motor Supply Co.	KFAS	
		NEW HAMPSHIRE	
Berlin	Young Men's Christian Association	WEAQ	
Laconia	Laconia Radio Club	WKAU	
		NEW JERSEY	
Atlantic City	Paramount Radio & Electric Co.	WHAR	
Camden	Federal Institute of Radio Telegraphy	WRP	
Jersey City	Wireless Telephone Co. of Hudson County, N.J.	WNO	
Moorestown	Fred M. Middleton	WBAF	
Newark	L. Bamberger & Co.	WOR	
	D. W. May (Inc.)	WES	
	I. R. Nelson Co.	WAAM	
	Westinghouse Electric & Manufacturing Co.	WJZ	

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NEW JERSEY (Cont'ued)		Your Adjustment
North Plainfield..	Borough of North Plainfield.....	WEAM
Ocean City	Ocean City Yacht Club.....	WIAD
Paterson	Wireless Phone Corporation.....	WBAN
Roselle Park.....	Radio Corporation of America.....	WDY
Trenton	Trenton Hardware Co.....	WMAL
	Franklyn J. Wolff (Monument Pottery Co.)..	WOAX

NEW MEXICO

Roswell	Roswell Public Service Co.....	KNJ
State College.....	New Mexico Col. of Agricul. and Mech. Arts..	KOB

NEW YORK

Albany	Shotton Radio Manufacturing Co.....	WNJ
Amsterdam	J. & M. Electric Co.....	WPAS
Binghamton	Arthur L. Kent.....	WFAX
	New York Radio Laboratories.....	WIAV
Brooklyn	Orpheum Radio Stores Co.....	WGAC
Buffalo	Federal Telephone & Telegraph Co.....	WGR
	McCarthy Bros. & Ford.....	WWT
Canton	St. Lawrence University.....	WCAD
Cazonovia	J. Edw. Page (Clive B. Meredith).....	WMAC
Ithaca	Cornell University.....	WEAI
Lockport.....	Norton Laboratories	WMAK
Newburgh	Newburgh News Printing & Publishing Co..	WCAI
New York.....	American Telephone & Telegraph Co.....	WBAY
	De Forest Radio Telephone & Telegraph Co..	WJX
	Police Department of New York City.....	WLAW
	Ship Owners Radio Service.....	WDT
	John Wanamaker.....	WWZ
	Western Electric Co.....	WEAF
Poughkeepsie ...	H. C. Spratley Co.....	WFAF
Ridgewood	Ridgewood Times Printing & Publishing Co..	WHN
Rochester	Rochester Times Union.....	WHQ
	University of Rochester.....	WHAM
Schenectady	General Electric Co.....	WGY
	Union College.....	WRL
Syracuse	Hughes Electrical Corp.....	WDAI
	Andrew J. Potter.....	WBAB
	Carl F. Woese.....	WFAE
	Samuel Woodworth	WLAH
	Syracuse Radio Telephone Co.....	WNAN
Tarrytown	Tarrytown Radio Research Laboratory.....	WRW
Troy	Rensselaer Polytechnic Institute.....	WHAZ
Utica	J. & M. Electric Co.....	WSL
Waterford	Radio Engineering Laboratory.....	WFAG

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NORTH CAROLINA		Your Adjustment
Ashville	Hi-Grade Wireless Instrument Co.....	WPAJ
Charlotte	Southern Radio Corp.....	WBT
Raleigh	North Carolina State College.....	WLAC
NORTH DAKOTA		
Agricultural College	North Dakota Agricultural College.....	WPAK
Fargo	Fargo Plumbing & Heating Co.....	WKAJ
	Kenneth M. Hance.....	WDAY
Grand Forks.....	Valley Radio.....	WOAB
Wahpeton	Wahpeton Electric Co.....	WMAW
OHIO		
Akron	Buckeye Radio Service Co.....	WOE
Athens	Athens Radio Co.....	WAAV
Canton	Daily News Printing Co.....	WWB
Centerville	First National Bank.....	WDAX
Cincinnati	Cino Radio Manufacturing Co.....	WIZ
	Crosley Manufacturing Co.....	WLW
	Ohio Mechanics Institute.....	WAAD
	Precision Equipment Co.....	WMH
	University of Cincinnati.....	WHAG
Cleveland	Warren R. Cox.....	WHK
	Union Trust Co.....	WJAX
	Westinghouse Electric & Mfg. Co.....	KDPM
Columbus	Broad Street Baptist Church.....	WMAN
	Entekm Electric Co.....	WCAH
	Erner & Hopkins Co.....	WBAV
	Ohio State University.....	WEO
	Superior Radio & Telephone Equipment Co....	WPAL
Dayton	Rike-Kumler Co.....	WFG
	Y. M. C. A.....	WIAI
Defiance	Tri-State Radio Manufacturing & Supply Co..	WCAQ
Granville	Richard H. Howe.....	WJD
Hamilton	Doron Bros. Electric Co.....	WRK
	Republican Publishing Co.....	WBAU
Lima	Maus Radio Co.....	WOAC
Marietta	Marietta College	WBAW
New Lebanon ...	Nushawg Poultry Farm.....	WPG
Norwood	Standard Service Co.....	WIAL
Portsmouth	H. C. Summers & Son.....	WDAB
Springfield	Morrow Radio Co.....	WLAM
	Wittenberg College.....	WNAP
Stockdale	White Radio Laboratory.....	WJAK
Toledo	Marshall-Gerken Co.....	WIAJ
	Service Radio Equipment Co.....	WJK
	Wm. B. Duck Co.....	WHU
Warren	Hutton & Jones Electric Co.....	WLAZ
Wash. Court Ho.	Radio Electric Co.....	WGAX

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OHIO (Continued)		Your Adjustment
Wooster	Marcus G. Limb.....	WGAU
Youngstown	Columbia Radio Co.....	WMC
	Yahrling-Rayner Plano Co.....	WAAZ
Zanesville	Fergus Electric Co.....	WPL

OKLAHOMA

Ardmore	Dr. Walter Hardy.....	WAAA
Enid	Enid Radio Distributing Co.....	WNAF
Muskogee	Muskogee Daily Phoenix.....	WDAV
Norman	Oklahoma Radio Engineering Co.....	WNAD
Okemah	Okfuskee County News.....	WKAK
Oklahoma	Radio Supply Co.	WMAB
	Oklahoma Radio Shop.....	WKY
Okmulgee	Donaldson Radio Co.....	WPAC
Tulsa	Midland Refining Co.....	WEH
	Goller Radio Service.....	WGAF
	Tulsa Radio Co.....	WLAI
Yale	Yale Democrat-Yale Telephone Co.....	WHAT

OREGON

Astoria	Astoria Budget	KFGG
	Cook & Foster.....	KFBM
Baker	Adler's Music Store.....	KFDA
Central Point....	W. J. Virgin Milling Co.....	KFAY
Corvallis	Oregon Agricultural College.....	KFDJ
Eugene	S. T. Donohue.....	KFAT
	Excelsior Radio Co.....	KDZJ
Hood River.....	Blue Diamond Electric Co.....	KQP
Klamath Falls ..	Herald Publishing Co.....	KDYU
Marshfield	Thomas Musical Co.....	KFBH
Pendleton	Eastern Oregon Radio Co.....	KFFE
Portland	Hallock & Watson Radio Service.....	KGG
	Willard P. Hawley, Jr.....	KYG
	Maier & Frank Co.....	KFEC
	Northwestern Radio Manufacturing Co.....	KGN
	Oregon Institute of Technology.....	KDYQ
	Oregonian Publishing Co.....	KGW
	Pacific Radiofone Co.....	KFAB
	Stubbs Electric Co.....	KQY
Salem	Salem Electric Co.....	KFCD

PENNSYLVANIA

Allentown	Chronicle & News Publishing Co.....	WIAN
Altoona	Ernest C. Albright.....	WGAW
Bridgeport	Diamond State Fibre Co.....	WBAG
Brownsville	Hartman-Riker Electric & Machine Co.....	WDAQ
Clearfield	Electric Supply Co.....	WPI
Crafton	Radio Service Corp.....	WAAX
East Pittsburgh..	Westinghouse Electric & Manufacturing Co..	KDKA

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PENNSYLVANIA (Continued)		Your Adjustment
Easton	Utility Battery Service.....	WLAP
Erie	Electric Equipment Co.....	WJT
	Erle Radio Co.....	WSX
	Pennsylvania Nat. Guard 2d Bat., 112th Inf....	WOAV
Grove City	Grove City College.....	WSAJ
Johnstown	Penn Traffic Co.....	WTAC
Lancaster	Lancaster Electric Supply & Construction Co..	WGAL
McKeesport	K. & L. Electric Co.....	WIK
Parkesburg	Horace A. Beale, Jr.....	WQAA
Philadelphia	Gimbel Bros.....	WIP
	Thomas F. J. Howlett.....	WGL
	Lenning Brothers Co.....	WNAT
	Lit Bros.....	WDAR
	Philadelphia Radiophone Co.....	WCAU
	St. Joseph's College.....	WPJ
	Strawbridge & Clothier.....	WFI
	John Wanamaker.....	WOO
	Wright & Wright (Inc.).....	WWAD
Pittsburgh	Doubleday-Hill Electric Co.....	KQV
	Kaufman & Baer Co.....	WCAE
	Pittsburgh Radio Supply House.....	WJAS
	Radio Electric Co.....	WHAF
Scranton	Anthracite Radio Shop.....	WLAO
	Radio Sales Corporation.....	WRAV
State College	Pennsylvania State College.....	WPAB
Villanova	Villanova College.....	WCAN
Wilkes-Barre	Landau's Music & Jewelry Co.....	WKAZ
	John H. Stenger, Jr.....	WBAX
	Wilkes-Barre Radio Repair Shop.....	WNAH
RHODE ISLAND		
Cranston	Dutée W. Flint.....	WKAP
East Providence	Charles Loeff (Crescent Park).....	WKAD
Edgewood	Nichols Hine-line-Bassett Laboratory.....	WEAG
Providence	Shepard Co.....	WEAN
	The Outlet Co. (J. Samuels & Bro.).....	WJAR
SOUTH CAROLINA		
Charleston	Charleston Radio Electric Co.....	WNAQ
	Palmetto Radio Corp.....	WGAH
	South Carolina Radio Shop.....	WFAZ
Orangeburg	Orangeburg Radio Equipment Co.....	W6AM
SOUTH DAKOTA		
Rapid City	South Dakota School of Mines.....	WCAT
Sioux Falls	Daily Argus-Leader.....	WFAT
Vermillion	University of South Dakota.....	WEAJ
Yankton	Dakota Radio Apparatus Co.....	WNAX
	Yankton College.....	WJAU

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TENNESSEE		Your Adjustment
Knoxville	Peoples Telephone & Telegraph Co.....	WNAV
Lawrenceburg	Vaughn Conservatory of Music (J. D. Vaughn)	WOAN
Memphis	Richman-Crosby Co.....	WKN
	United Equipment Co.....	WPO
Nashville	Ward-Belmont School	WDAA
TEXAS		
Abilene	West Texas Radio Co.....	WQAQ
Amarillo	Amarillo Daily News.....	WRAU
	E. B. Gish.....	WQAC
	J. Laurance Martir.....	WDAG
Austin	Texas Radio Corp. and Austin Statesman...	WNAS
	University of Texas.....	WCM
Beaumont	Beaumont Radio Equipment Co.....	WMAM
College Stations...	Agricultural and Mechanical College.....	WTAW
Dallas	Automotive Electric Co.....	WDAO
	A. H. Belo & Co.....	WFAA
	City of Dallas Police and Fire Signal Dept...	WRR
El Paso.....	Mine & Smelter Supply Co.....	WDAH
	St. Patrick's Cathedral.....	WPAT
Fort Worth	Fort Worth Record	WPA
	Wortham-Carter Publishing Co. (Star-Telegram)	WBAP
Galveston	Galveston Tribune	WIAU
	Clark W. Thompson (Fellman's Dry Goods Co.)	WHAB
Houston	Clifford W. Vick Radio Construction Co.....	WSAV
	Alfred P. Daniel.....	WCAK
	Will Horwitz, Jr.....	WEAY
	Houston Chronicle Publishing Co.	WFAL
	Hurlburt-Still Electrical Co.....	WEV
	Levy Bros. Dry Goods Co.....	WPAN
	Q R V Radio Co.....	WGAB
Rice Institute	WRAA	
Laredo	Wormser Bros.....	WWAX
Orange	Gray & Gray.....	WKAL
Paris	Paris Radio Electric Co.....	WTK
Plainview	Plainview Electric Co.....	WSAT
Port Arthur.....	Electric Supply Co.....	WFAH
San Antonio.....	Alamo Radio Electric Co.....	WCAR
	Southern Equipment Co.....	WOAI
	Texas Radio Syndicate.....	WJAE
Stamford	Penick Hughes Co.....	WOAZ
Tyler	Tyler Commercial College.....	WOAF
Waco	Jackson's Radio Engineering Laboratories...	WJAD
	Sanger Bros.....	WWAC
	Waco Electrical Supply Co.....	WLAJ
Wichita Falls.....	W. S. Radio Supply Co.....	WKAF

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		UTAH	Your Adjustment
Ogden	Rocky Mountain Radio Corp.....	KDZL
Salt Lake City...	Cope & Cornwell Co.....	KDYV
	Telegram Publishing Co.....	KDYL	.....
	The Deseret News	KZN	.....
VERMONT			
Bellows Falls...	Vermont Farm Machine Corp.....	WLAK	.....
Burlington	University of Vermont.....	WCAX	.....
Springfield	Moore Radio News Station (Edmund B. Moore)	WQAE	.....
VIRGINIA			
Blacksburg	Virginia Polytechnic Institute.....	WEAE	.....
Fort Monroe.....	Peninsula Radio Club (Henry Kunzmann)....	WNAW	.....
Portsmouth	Portsmouth Radio Association (Dr. C.T.Mercer)	WOA	.....
Norfolk	Ship Owners Radio Service.....	WSN	.....
Richmond	Radio Equipment Co.....	WMAS	.....
	Times-Dispatch Publishing Co.....	WBAZ	.....
WASHINGTON			
Aberdeen	North Coast Products Co.....	KNT	.....
Bellingham	Bellingham Publishing Co.....	KDZR	.....
Centralia	E. A. Hollingworth.....	KDZM	.....
Everett	Kinney Bros. & Sipprell.....	KDZZ	.....
	Leese Bros.....	KFBL	.....
Lacey	St. Martins College (Rev. S. Ruth).....	KGY	.....
Pullman	State College of Washington.....	KFAE	.....
Seattle	First Presbyterian Church.....	KTW	.....
	Vincent I. Kraft.....	KJR	.....
	Northern Radio & Electric Co.....	KFC	.....
	Public Market & Market Stores Co.....	KZC	.....
	Seattle Radio Association.....	KDZT	.....
	The Rhodes Co.....	KDZE	.....
	Louis Wasmer.....	KHQ	.....
Spokane	Doerr-Mitchell Electric Co.....	KFZ	.....
	Spokane Chronicle.....	KOE	.....
	Radio Supply Co. (E. B. Craney).....	KFDC	.....
Tacoma	First Presbyterian Church.....	KFBG	.....
Tacoma	Guy Greason	KFEJ	.....
	Love Electric Co.....	KMO	.....
	Wm. A. Mullins Electric Co.....	KGB	.....
Walla Walla.....	Frank A. Moore.....	KFCF	.....
Wenatchee	Electric Supply Co.....	KDZI	.....
	Wenatchee Battery & Motor Co.....	KZV	.....
Yakima	Electric Power & Appliance Co.....	KQT
	Foster-Bradbury Radio Store.....	KFV

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WEST VIRGINIA		Your Adjustment
Bluefield	Bluefield Daily Telegraph and E. K. Kitts....	WHAJ
Charlestown	Radio Service Co.....	WAAO
Clarksburg	Roberts Hardware Co.....	WHAK
Decatur	Georgia Radio Co.....	WAAS
Huntington	Groves-Thornton Hardware Co.....	WAAR
Morgantown	West Virginia University.....	WHD
WISCONSIN		
Beloit	Turner Cycle Co.....	WKAW
Kenosha	Henry P. Lundskow.....	WOAR
Madison	North Western Radio Co.....	WGAY
	University of Wisconsin.....	WHA
Milwaukee	Gimbel Bros.....	WAAK
	Kesselman O'Driscoll Co.....	WCAY
	Marquette University	WHAD
	School of Eng. of Milwaukee and Wis. News..	WIAO
Neenah	Fox River Valley Radio Supply Co.....	WIAJ
Superior	Superior Radio Co.....	WFAC
Waupaca	Waupaca Civic and Commerce Association....	WIAA
	Wisconsin Department of Markets.....	WPAH
WYOMING		
Casper	Motor Service Station (Norman R. Hood)....	KFCQ
	Wyoming Radio Corp.....	KFDI
Laramie	The Cathedral (Bishop Thomas).....	KFBU
HAWAII		
Honolulu	Electric Shop	KYQ
	Marion A. Mulrony.....	KGU
	Star Bulletin	KDYX
PORTO RICO		
Ensenada	Spanish-American School of Radio-telegraphy.	WGAD
San Juan.....	Radio Corp. of Porto Rico.....	WKAQ

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CANADA

ALBERTA		Your Adjustment
Calgary	Albertan Publishing Co.....	CHBC
	W. W. Grant Radio, Ltd.....	CFCN
	Radio Corpn. of Calgary, Ltd.....	CFAC
	Edmund Taylor	CJCY *
	Western Radio Co.....	CHCQ
Edmonton	Canadian Westinghouse Co.	CHCC *
	Edmonton Journal	CJCA
BRITISH COLUMBIA		
Nelson	J. G. Bennett.....	CJCB
Vancouver	Canadian Westinghouse Co.....	CHOC *
	Daily Province	CKCF
	Marconi Co.	CFCB
	W. W. Odium, Vancouver World.....	CFYC
	Radio Corpn. of Vancouver, Ltd.....	CHCA *
	Vancouver Daily Sun.....	CJCE
MANITOBA		
Winnipeg	Canadian Westinghouse Co.....	CFCD *
	T. Eaton Co.....	CKCB *
	Manitoba Free Press.....	CJCG *
	Radio Corp. of Win.....	CHCF
	Salton Radio Engineering Co.....	CKZC
	The Tribunes	CJNC
NEW BRUNSWICK		
St. John	Jones Electric Radio Co.....	CKCR
	McLeau, Holt & Co.....	CJCI
NOVA SCOTIA		
Halifax	Eastern Telephone & Telegraph Co.....	CJCS *
	Marconi Co.....	CFCE
ONTARIO		
Fort Frances.....	Inter. Radio Devel. Co.....	CFPC
Hamilton	Canadian Westinghouse Co.....	CHIC *
	Wentworth Radio Supply Co.....	CKOC
Iroquois Falls.....	Abitibi Power & Paper Co.....	CFCH
Kitchener	The News Record, Ltd.....	CJCF
London	London Advertiser	CFEX *
	London Free Press Ptg. Co.....	CJGC
	Radio Shoppe	CHUS *
	Radio Supply Co.....	CKQC
Ottawa	J. R. Booth, Jr.....	CHXC
Toronto	Bell Telephone Co.....	CFTC *
	Canada Indep. Tel. Co.....	CKCE
	Canadian Westinghouse Co.....	CKCZ *

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ONTARIO (Continued)		Your Adjustment
Toronto	T. Eaton Co.....	CJCD
	Evening Telegram	CJSC
	Marconi Co.	CHCB
	Metropolitan Motors	CHVC
	Radio Equip. & Supply Co.....	CKKC *
	Simons, Agnew & Co.....	CJCN
	Toronto Globe	CHCZ *
	Toronto Star	CFCA †
	United Farmers of Ont.....	CJCH *
Walkerville	Motor Products Corp.....	CFCI

QUEBEC

Montreal	Canadian Westinghouse Co.....	CFZC*
	Dupuis Freres	CJBC
	La Presse	CKAC
	Marconi Co.	CFCF
	Northern Electric Co.....	CHYC *
	B. L. Silver.....	CHCX

SASKATCHEWAN

Regina	Leader Publishing Co.....	CKCK
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* Not yet in operation. † This station is appointed by the Department of Marine and Fisheries to transmit weather forecasts and meteorological reports.

CUBA

Havana	Cuban Telephone Co.....	PWX
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Supplementary

Call Signal.	Owner of Station.	Location of Station.	Wave Lengths.

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International Morse Code and Conventional Signals

To be used for all general public-service radio communication. (1) A dash is equal to three dots; (2) the space between parts of the same letter is equal to one dot; (3) the space between two letters is equal to three dots; (4) the space between two words is equal to five dots.

<p>A · —</p> <p>B — · · ·</p> <p>C — · — ·</p> <p>D — · · ·</p> <p>E ·</p> <p>F · · — ·</p> <p>G — — ·</p> <p>H · · · ·</p> <p>I · ·</p> <p>J · — — —</p> <p>K — — ·</p> <p>L · — · ·</p> <p>M — —</p> <p>N — ·</p> <p>O — — —</p> <p>P · — · ·</p> <p>Q — — · —</p> <p>R · — ·</p> <p>S · · · ·</p> <p>T —</p> <p>U · · —</p> <p>V · · · —</p> <p>W · — —</p> <p>X — · · —</p> <p>Y — · — —</p> <p>Z — — · ·</p> <hr/> <p>Ä (German) · — · —</p> <p>Á or Å (Spanish-Scandinavian) · — — —</p> <p>CH (German-Spanish) — — — —</p> <p>É (French) · · · · ·</p> <p>Ë (Spanish) · — — —</p> <p>Ö (German) — — — ·</p> <p>Ü (German) · · — —</p> <hr/> <p>1 · — — — —</p> <p>2 · · — — —</p> <p>3 · · · — —</p> <p>4 · · · · —</p> <p>5 · · · · ·</p> <p>6 · · · · ·</p> <p>7 — — · · ·</p> <p>8 — — — · ·</p> <p>9 — — — — ·</p> <p>0 — — — — —</p>	<p>Period · · · · ·</p> <p>Semicolon — — — — ·</p> <p>Comma · — — — —</p> <p>Colon — — — — ·</p> <p>Interrogation · · · · ·</p> <p>Exclamation point — — — — —</p> <p>Apostrophe · — — — ·</p> <p>Hyphen — · · · —</p> <p>Bar indicating fraction — · · · ·</p> <p>Parenthesis — — — — —</p> <p>Inverted commas · — — — ·</p> <p>Underline · · — — —</p> <p>Double dash — — — — —</p> <p>Distress call · · · — — — · · ·</p> <p>Attention call to precede every transmission — — — — —</p> <p>General inquiry call — · · · — — — · · ·</p> <p>From (de) — · · · ·</p> <p>Invitation to transmit (go ahead) — · —</p> <p>Warning—high power — — — — —</p> <p>Question (please repeat after)—interrupting long messages · · — — —</p> <p>Wait · · · · ·</p> <p>Break (Bk.) (double dash) — — — — —</p> <p>Understand · · — — ·</p> <p>Error · · · · ·</p> <p>Received (O. K.) — · ·</p> <p>Position report (to precede all position messages) — — — — ·</p> <p>End of each message (cross) · — — — ·</p> <p>Transmission finished (end of work) (conclusion of correspondence) · · · — —</p>
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List of Abbreviations to be Used in Radio Communications¹

Abbreviation.	Question.	Answer or notice.
C Q	..... - - - - .	Signal of inquiry made by a station desiring to communicate.
T R	- -	Signal announcing the sending of particulars concerning a station on shipboard (Art. XXII).
(I)	..... - - - - .	Signal indicating that a station is about to send at high power.
PRB	Do you wish to communicate by means of the International Signal Code?	I wish to communicate by means of the International Signal Code.
QRA	What ship or coast station is that?.....	This is
QRB	What is your distance?.....	My distance is
QRC	What is your true bearing?.....	My true bearing is degrees.
QRD	Where are you bound for?.....	I am bound for
QRF	Where are you bound from?.....	I am bound from
QRG	What line do you belong to?.....	I belong to the Line.
QRH	What is your wave length in meters?.....	My wave length is meters.
QRJ	How many words have you to send?.....	I have words to send.
QRK	How do you receive me?.....	I am receiving well.
QRL	Are you receiving badly? Shall I send 20.....	I am receiving badly. Please send 20.
	..... for adjustment?	..... for adjustment.
QRM	Are you being interfered with?.....	I am being interfered with.
QRN	Are the atmospherics strong?.....	Atmospherics are very strong.
QRO	Shall I increase power?.....	Increase power.
QRP	Shall I decrease power?.....	Decrease power.
QRQ	Shall I send faster?.....	Send faster.
QRS	Shall I send slower?.....	Send slower.
QRT	Shall I stop sending?.....	Stop sending.
QRU	.....	{ I have nothing to transmit. I have nothing for you.
QRV	Are you ready?	I am ready. All right now.
QRW	Are you busy?.....	I am busy (or, I am busy with Please do not interfere).
QRX	Shall I stand by?.....	Stand by. I will call you when required.
QRY	When will be my turn?.....	Your turn will be No.
QRZ	Are my signals weak?.....	Your signals are weak.
QSA	Are my signals strong?.....	Your signals are strong.
QSB	{ Is my tone bad?.....	The tone is bad.
	{ Is my spark bad?.....	The spark is bad.
QSC	Is my spacing bad?.....	Your spacing is bad.
QSD	What is your time?.....	My time is
QSF	Is transmission to be in alternate order or in series?	Transmission will be in alternate order.
QSG	.....	Transmission will be in series of 5 messages.
QSH	.....	Transmission will be in series of 10 messages.
CSJ	What rate shall I collect for?.....	Collect
QSK	Is the last radiogram canceled?.....	The last radiogram is canceled.
QSL	Did you get my receipt?.....	Please acknowledge.

¹ When an abbreviation is followed by a mark of interrogation, it refers to the question indicated for that abbreviation.

List of Abbreviations to be Used in Radio Communications

Abbreviation.	Question.	Answer or notice.
QSM	What is your true course?.....	My true course is degrees.
QSN	Are you in communication with land?	I am not in communication with land.
QSO	Are you in communication with any ship or station (or: with)?	I am in communication with (through).
QSP	Shall I inform that you are calling him?.	Inform that I am calling him.
QSQ	Is calling me?	You are being called by
QSR	Will you forward the radiogram?.....	I will forward the radiogram.
QST	Have you received the general call?	General call to all stations.
QSU	Please call me when you have finished (or: at .. o'clock).	Will call when I have finished.
QSV ¹	Is public correspondence being handled?	Public correspondence is being handled. Please do not interfere.
QSW	Shall I increase my spark frequency?.....	Increase your spark frequency.
QSX	Shall I decrease my spark frequency?	Decrease your spark frequency.
QSY	Shall I send on a wave length of meters?.	Let us change to the wave length of meters.
QSZ	.....	Send each word twice. I have difficulty in receiving you.
QTA	.....	Repeat the last radiogram.
QTC	Have you anything to transmit?.....	I have something to transmit. I have one or more radiograms for
QTE	What is my true bearing?.....	Your true bearing is degrees from
QTF	What is my position?.....	Your position is latitude longitude.

¹ Public correspondence is any radio work, official or private, handled on commercial wave lengths.

