

WHITE'S
Mileage and Radio
Call Book

1924



CONTENTS

Mileage (air line) Boston to Principal Broadcasting Stations.

1924 List of U. S. Broadcasting Stations, giving wave length, frequency in kilocycles and watt power of station.

Program Schedules (evening hours—silent nights) of stations commonly heard by Massachusetts Radio Fans.

Insurance Regulations for Receiving Sets.

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**1924 LIST OF
UNITED STATES BROADCASTING STATIONS
ARRANGED ALPHABETICALLY
BY CALL LETTERS**

Abbreviations: W.L., wave length in metres; K.C., frequencies in kilocycles; W.P., watt power of station.

	W.L. K.C. W.P.
KDKA	Westinghouse Electric & Mfg. Co., East Pittsburgh.....326- 920-1000
KDPM	Westinghouse Electric & Mfg. Co., Cleveland, O.....270-1110- 250
KDPT	Southern Electrical Co., San Diego, Calif.....244-1230- 50
KDYL	Telegram Publishing Co., Salt Lake City, Utah.....360- 833- 50
KDYM	Savoy Theatre, San Diego, Calif.....280-1070- 100
KDYQ	Oregon Institute of Technology, Portland, Ore.....360- 833- 100
KDYW	Smith, Hughes & Co., Phoenix, Ariz.....360- 833- 20
KDYX	Star Bulletin, Honolulu, Hawaii.....360- 833- 100
KDZB	Frank E. Siefert, Bakersfield, Calif.....240-1250- 100
KDZE	The Rhodes Co., Seattle, Wash.....455- 660- 500
KDZF	Automobile Club of Southern California, Los Angeles, Calif.....278-1080- 500
KDZI	Electric Supply Co., Wenatchee, Wash.....360- 833- 50
KDZO	Nichols Academy of Music, Denver, Colo.....360- 833- 10
KDZR	Bellingham Publishing Co., Bellingham, Wash.....261-1150- 50
KFAD	McArthur Bros. Mercantile Co., Phoenix, Ariz.....360- 833- 100
KFAE	State College of Washington, Pullman, Wash.....360- 833- 500
KFAF	Western Radio Corporation, Denver, Colo.....360- 833- 50
KFAJ	University of Colorado, Boulder, Colo.....360- 833- 100
KFAN	The Electric Shop, Moscow, Idaho.....360- 833- 50
KFAQ	City of San Jose, San Jose, Calif.....360- 833- 250
KFAR	Studio Lighting Service Co., Hollywood, Calif.....280-1070- 200
KFAU	In. School Dist. of Boise City, Boise H. School, Boise, Idaho....360- 833- 150
KFAV	Kinney Co., Venice, Calif.....224-1340- 5
KFAW	The Radio Den, Santa Ana, Calif.....280-1070- 10
KFAY	Virgin's Radio Service, Medford, Ore.....283-1060- 50
KFBB	Havre, Buttrey & Co., Havre, Mont.....360- 833- 50
KFBC	W. K. Azbill, San Diego, Calif.....278-1080- 10
KFBE	Reuben H. Horn, San Luis Obispo, Calif.....360- 833- 10
KFBG	First Presbyterian Church, Tacoma, Wash.....360- 833- 50
KFBK	Kimball-Upson Co., Sacramento, Calif.....283-1060- 100
KFBL	Lucas Bros., Everett, Wash.....224-1340- 10
KFBS	Trinidad G. & E. Sup. Co. & Chronicle News, Trinidad, Colo...360- 833- 10
KFBU	The Cathedral, Laramie, Wyo.....283-1060- 50
KFCB	Neilson Radio Supply Co., Phoenix, Ariz.....278-1080- 10

	W.L. K.C. W.P.
KFCD	Salem Electric Co., Salem, Ore.....360- 833- 20
KFCF	Frank A. Moore, Walla Walla, Wash.....360- 833- 50
KFCH	Electric Service Station, Inc., Billings, Mont.....360- 833- 10
KFCK	Colorado Springs Radio Co., Colorado Springs, Colo.....258-1160- 10
KFCM	Richmond Radio Shop, Richmond, Calif.....360- 833- 100
KFCP	Ralph W. Flygare, Ogden, Utah.....360- 833- 25
KFCV	Fred Mahaffey, Jr., Houston, Tex.....360- 833- 10
KFCY	Western Union College, Le Mars, Iowa.....252-1190- 50
KFCZ	Omaha Central High School, Omaha, Neb.....258-1160- 100
KFDA	Adler's Music Store, Baker, Ore.....360- 833- 5
KFDD	St. Michael's Cathedral, Boise, Idaho.....252-1190- 10
KFDH	University of Arizona, Tucson, Ariz.....360- 833- 150
KFDJ	Oregon Agricultural College, Corvallis, Ore.....360- 833- 50
KFDL	Knight-Campbell Music Co., Denver, Colo.....360- 833- 5
KFDO	H. Everett Cutting, Bozeman, Mont.....248-1210- 50
KFDR	Bullock's Hardware & Sporting Goods, York, Nebr.....360- 833- 10
KFDU	Nebraska Radio Electric Co., Lincoln, Neb.....240-1250- 20
KFDV	Gilbreth & Stinson, Fayetteville, Ark.....360- 833- 200
KFDX	First Baptist Church, Shreveport, La.....360- 833- 100
KFDY	So. Dakota State College, Brookings, So. Dakota.....360- 833- 100
KFDZ	Harry O. Iverson, Minneapolis, Minn.....231-1300- 5
KFEC	Meier & Frank Co., Portland, Ore.....360- 833- 50
KFEJ	Guy Greason, Tacoma, Wash.....360- 833- 10
KFEL	Winner Radio Corp., Denver, Col.....360- 833- 50
KFEQ	J. L. Scroggin, Oak, Neb.....360- 833- 150
KFER	Auto Electric Service Co., Fort Dodge, Ia.....231-1300- 20
KFEV	Felix Thompson Radio Shop, Casper, Wyo.....263-1140- 250
KFEX	Augsburg Seminary, Minneapolis, Minn.....261-1150- 100
KFEY	Bunker Hill & Sullivan Mining & Concen. Co., Kellogg, Idaho...360- 833- 10
KFEZ	American Society of Mechanical Engineers, St. Louis, Mo.....360- 833- 100
KFFB	Jenkins Furniture Co., Boise, Idaho.....240-1250- 10
KFFE	Eastern Oregon Radio Co., Pendleton, Ore.....360- 833- 10
KFFO	Dr. E. H. Smith, Hillsboro, Ore.....229-1310- 5
KFFQ	Markehoffel Motor Co., Colorado Springs, Col.....360- 833- 100
KFFR	Nevada State Journal, Sparks, Nev.....360- 833- 10
KFFV	Graceland College, Lamoni, Iowa.....360- 833- 10
KFFX	McCray Co., Omaha, Neb.....278-1080- 100
KFFY	Pinous & Murphey, Alexandria, La.....275-1090- 100
KFFZ	Al. G. Barnes Amusement Co., Dallas, Tex.....226-1330- 20
KFGC	Louisiana State University, Baton Rouge, La.....254-1180- 100
KFGD	Chickasha Radio & Electric Co., Chickasha, Okla.....248-1210- 20
KFGH	Leland Stanford University, Stanford Univ., Calif.....360- 833- 500

W.L. K.C. W.P.

KFGJ	Missouri National Guard, 138th Infantry, St. Louis, Mo.	266-1130-	250
KFGL	Arlington Garage, Arlington, Ore	234-1280-	5
KFGQ	Crary Hardware Co., Boone, Io	226-1330-	10
KFGV	Heidbreder Radio Supply Co., Utica, Neb	224-1340-	10
KFGX	First Presbyterian Church, Orange, Tex	250-1200-	500
KFGZ	Emmanuel Missionary College, Berrien Springs, Mich	268-1120-	10
KFHA	Western State College, Gunnison, Col	252-1190-	50
KFHB	Rialto Theatre, Hood River, Ore	280-1070-	5
KFHD	Utz Electric Shop Co., St. Joseph, Mo	226-1330-	100
KFHF	Central Christian Church, Shreveport, La	266-1130-	150
KFHH	Ambrose A. McCue, Neah Bay, Wash	261-1150-	50
KFHJ	Fallon & Co., Santa Barbara, Calif	360- 833-	100
KFHL	Penn College, Oskaloosa, Iowa	227-1320-	10
KFHP	Radio Bug Products Co., Kearney, Nebraska	246-1220-	10
KFHR	Star Electric & Radio Co., Seattle, Wash	283-1060-	50
KFHS	Clifford J. Dow, Lihue, Hawaii	275-1090-	30
KFHX	Robert W. Nelson, Hutchinson, Ks	229-1310-	150
KFI	Earle C. Anthony, Inc., Los Angeles, Calif	469- 640-	500
KFIB	Franklin W. Jenkins, St. Louis, Mo	244-1230-	10
KFID	Ross Arbuckle's Garage, Iola, Ks	246-1220-	20
KFIF	Benson Polytechnic Institute, Portland, Ore	360- 833-	100
KFIK	Gladbrook Electrical Co., Gladbrook, Io	234-1280-	20
KFIL	Windisch Electric Farm Equipment Co., Louisburg, Ks	234-1280-	30
KFIO	North Central High School, Spokane, Wash	252-1190-	50
KFIQ	Yakima Valley Radio Broadcasting Association, Yakima, Wash	242-1240-	50
KFIU	Alaska Electric Light & Power Co., Juneau, Alaska	226-1330-	10
KFIX	Reor. Ch. of Jesus Christ of L. D. Sts., Independence, Mo	240-1250-	250
KFIY	Brott Laboratories, Seattle, Wash	231-1300-	15
KFIZ	Daily Commonwealth and Oscar A. Heulsman, Fond du Lac, Wis	273-1100-	100
KFJB	Marshall Electrical Co., Marshalltown, Iowa	248-1210-	10
KFJC	Seattle Post Intelligencer, Seattle, Wash	233-1290-	100
KFJD	Weld County Printing and Publishing Co., Greeley, Col	236-1270-	50
KFJF	National Radio Manufacturing Co., Oklahoma City, Okla	252-1190-	20
KFJI	Liberty Theatre, Astoria, Ore	252-1190-	10
KFJK	Delano Radio and Electric Co., Bristow, Okla	233-1290-	100
KFJL	Hardsag Manufacturing Co., Ottumwa, Iowa	242-1240-	10
KFJM	University of North Dakota, Grand Forks, N. Dak	280-1070-	100
KFJR	Ashley C. Dixon & Son, Stevensville, Mont	258-1160-	5
KFJV	Thomas H. Warren, Dexter, Iowa	224-1340-	10
KFJW	Le Grand Radio Co., Towanda, Ks	226-1330-	10
KFJX	Iowa State Teachers' College, Cedar Falls, Iowa	229-1310-	50
KFJY	Tunwall Radio Co., Fort Dodge, Iowa	246-1220-	50

W.L. K.C. W.P.

KFJZ	Texas National Guard, 112th Cavalry, Fort Worth, Tex	254-1180-	20
KFKA	Colorado State Teachers College, Greeley, Col	248-1210-	50
KFKB	Brinkley-Jones Hospital Association, Milford, Ks	286-1050-	500
KFKH	Denver Park & Amusement Co., Lakeside, Col	226-1330-	10
KFKQ	Conway Radio Laboratories, Conway, Ark	224-1340-	150
KFKV	F. P. Gray, Butte, Mont	283-1060-	50
KFKX	Westinghouse Electric & Manufacturing Co., Hastings, Neb	286-1050-	500
KFKZ	Nassour Bros. Radio Co., Colorado Springs, Colo	234-1280-	10
KFLA	Abner R. Wilson, Butte, Mont	283-1060-	5
KFLB	Signal Electric Manufacturing Co., Menominee, Mich	248-1210-	20
KFLD	Paul E. Greenlaw, Franklinton, La	234-1280-	20
KFLE	National Educational Service, Denver, Col	268-1120-	25
KFLH	Erickson Radio Co., Inc., Salt Lake City, Utah	261-1150-	50
KFLP	Everette M. Foster, Cedar Rapids, Io	240-1250-	20
KFLQ	Bizzell Radio Shop, Little Rock, Ark	261-1150-	20
KFLR	University of New Mexico, Albuquerque, N. M	254-1180-	100
KFLU	Rio Grande Radio Supply House, San Benito, Texas	236-1270-	20
KFLV	A. T. Frykman, Rockford, Ill	229-1310-	10
KFLW	Missoula Electric Supply Co., Missoula, Mont	234-1280-	10
KFLX	George R. Clough, Galveston, Tex	240-1250-	10
KFLY	Fargo Radio Supply Co., Fargo, N. Dak	231-1300-	20
KFLZ	Atlantic Automobile Co., Atlantic, Iowa	273-1100-	10
KFMB	Christian Churches of Little Rock, Little Rock, Ark	254-1180-	
KFMQ	University of Arkansas, Fayetteville, Ark	263-1140-	100
KFMR	Morningside College, Sioux City, Iowa	261-1150-	10
KFMS	Freimuth Dept. Store, Duluth, Minn	275-1090-	100
KFMT	George W. Young, Minneapolis, Minn	231-1300-	5
KFMU	Stevens Bros., San Marcos, Tex	240-1250-	20
KFMW	M. G. Sateren, Houghton, Mich	266-1130-	50
KFMX	Carleton College, Northfield, Minn	283-1060-	500
KGB	Tacoma Daily Ledger, Tacoma, Wash	252-1190-	50
KGG	Hallock & Watson Radio Service, Portland, Ore	360- 833-	50
KGH	Northwestern Radio Mfg. Co., Portland, Ore	360- 833-	100
KGU	Marion A. Mulreny, Honolulu, Hawaii	360- 833-	500
KGW	Portland Morning Oregonian, Portland, Ore	492- 610-	500
KGY	St. Martin's College, Lacey, Wash	258-1160-	5
KHJ	Times-Mirror Co., Los Angeles, Calif	395- 760-	500
KHQ	Louis Wasmer, Seattle, Wash	360- 833-	100
KJQ	C. O. Gould, Stockton, Calif	360- 833-	5
KJR	Northwest Radio Service Co., Seattle, Wash	270-1110-	100
KJS	Bible Institute of Los Angeles, Los Angeles, Calif	360- 833-	750
KLS	Warner Brothers, Oakland, Calif	360- 833-	250

		W.L. K.C. W.P.		
KLX	Tribune Publishing Co., Oakland, Calif.	360-	833-	250
KLZ	Reynolds Radio Co., Denver Colo.	360-	833-	500
KMJ	San Joaquin Light & Power Corp, Fresno, Calif.	273-	1100-	50
KMO	Love Electric Co., Tacoma, Wash.	360-	833-	10
KNT	Grays Harbor Radio Co., Aberdeen, Wash.	263-	1140-	250
KNV	Radio Supply Co., Los Angeles, Calif.	256-	1179-	100
KNX	Electric Lighting Supply Co., Los Angeles, Calif.	360-	833-	100
KOB	N. Mex. Col. of Agri. & Mechanic Arts, State College, N. Mex.	360-	833-	500
KOP	Detroit Police Dept., Detroit, Mich.	286-	1050-	500
KPO	Hale Bros., San Francisco, Calif.	423-	710-	500
KQP	Apple City Radio Club, Hood River, Oregon.	360-	833-	10
KQV	Doubleday-Hill Electric Co., Pittsburgh, Pa.	360-	833-	250
KQW	Charles D. Herrold, San Jose, Calif.	360-	833-	50
KRR	Berkeley Daily Gazette, Berkeley, Calif.	278-	1080-	50
KSD	Post Dispatch, St. Louis, Mo.	546-	550-	500
KSS	Prest & Dean Radio Co. & Research Society, Long Beach, Calif.	360-	833-	20
KTW	First Presbyterian Church, Seattle, Wash.	360-	833-	750
KUO	Examiner Printing Co., San Francisco, Calif.	360-	833-	150
KUS	City Dye Works & Laundry Co., Los Angeles, Calif.	360-	833-	100
KUY	Coast Radio Co., El Monte, Calif.	256-	1170-	50
KWG	Portable Wireless Telephone Co., Stockton, Calif.	360-	833-	100
KWH	Los Angeles Examiner, Los Angeles, Calif.	360-	833-	500
KXD	Modesto Herald Publishing Co., Modesto, Calif.	252-	1190-	5
KYQ	Electric Shop, Honolulu, Hawaii.	360-	833-	20
KYW	Westinghouse Electric & Mfg. Co., Chicago, Ill.	536-	560-	1000
KZM	Preston D. Allen, Oakland, Calif.	360-	833-	50
KZN	The Deseret News, Salt Lake City, Utah.	360-	833-	500
KZV	Wentachee Battery & Motor Co., Wentachee, Wash.	360-	833-	50
WAAB	Valdemar Jensen, New Orleans, La.	268-	1120-	100
WAAC	Tulane University, New Orleans, La.	360-	833-	400
WAAD	Ohio Mechanics Institute, Cincinnati, Ohio.	360-	833-	25
WAAF	Chicago Daily, Drivers Journal, Chicago, Ill.	286-	1050-	200
WAAM	I. R. Nelson Co., Newark, N. J.	263-	1140-	250
WAAN	University of Missouri, Columbia, Mo.	254-	1180-	50
WAAW	Omaha Grain Exchange, Omaha, Nebr.	360-	833-	200
WAAZ	Hollister-Miller Motor Co., Emporia, Kans.	360-	833-	100
WABA	Lake Forest College, Lake Forest, Ill.	266-	1130-	100
WABB	Dr. John B. Lawrence, Harrisburg, Pa.	266-	1130-	10
WABC	Fulwider-Grimes Battery Co., Anderson, Ind.	229-	1310-	10
WABD	Parker High School, Dayton, Ohio.	283-	1060-	10
WABE	Young Men's Christian Association, Washington, D. C.	283-	1060-	100
WABG	Arnold Edwards Piano Co., Jacksonville, Fla.	275-	1090-	

		W.L. K.C. W.P.		
WABH	Lake Shore Tire Co., Sandusky, Ohio.	240-	1250-	20
WABI	Bangor Railway & Electric Co., Bangor, Me.	240-	1250-	50
WABJ	The Radio Laboratories, South Bend, Ind.	240-	1250-	10
WABK	First Baptist Church, Worcester, Mass.	252-	1190-	10
WABL	Connecticut Agricultural College, Storrs, Conn.	283-	1060-	100
WABM	F. E. Doherty Automotive & Radio Equip. Co., Saginaw, Mich.	254-	1180-	100
WABN	Ott Radio, Inc., La Crosse, Wis.	244-	1320-	250
WABO	Lake Avenue Baptist Church, Rochester, N. Y.	252-	1190-	10
WABP	Robert F. Weinig, Dover, Ohio.	266-	1130-	100
WABQ	Haverford College Radio Club, Haverford, Pa.	261-	1150-	50
WABR	Scott High School, Toledo, Ohio.	270-	1110-	50
WABS	Essex Mfg. Co., Newark, N. J.	244-	1230-	50
WABT	Holliday-Hall, Washington, Pa.	252-	1190-	100
WABU	Victor Talking Machine Co., Camden, N. J.	226-	1330-	100
WABV	John H. De Witt, Nashville, Tenn.	263-	1140-	20
WABW	College of Wooster, Wooster, Ohio.	234-	1280-	20
WABX	Henry B. Joy, Mount Clemens, Mich.	270-	1110-	150
WBAA	Purdue University, West Lafayette, Ind.	360-	833-	250
WBAD	Sterling Electric Co., Minneapolis, Minn.	360-	833-	100
WBAH	The Dayton Co., Minneapolis, Minn.	417-	720-	500
WBAN	Wireless Phone Corp., Paterson, N. J.	244-	1230-	100
WBAO	James Millikin University, Decatur, Ill.	360-	833-	50
WBAP	Wortham-Carter Publishing Co., Fort Worth, Tex.	476-	630-	750
WBAV	Erner & Hopkins Co., Columbus, Ohio.	390-	770-	500
WBAW	Marietta College, Marietta, Ohio.	246-	1220-	250
WBAX	John H. Stenger, Jr., Wilkes-Barre, Pa.	360-	833-	20
WBAY	American Telephone & Telegraph Co., New York, N. Y.	492-	610-	500
WBBA	Newark Radio Laboratories, Newark, Ohio.	240-	1250-	20
WBBD	Barbey Battery Service, Reading, Pa.	234-	1280-	50
WBL	T. & H. Radio Co., Anthony, Kan.	261-	1150-	100
WBR	Penn State Police, Butler, Pa.	286-	1050-	250
WBS	D. W. May, Inc., Newark, N. J.	360-	833-	20
WBT	Southern Radio Corp., Charlotte, N. C.	360-	833-	500
WBU	City of Chicago, Chicago, Ill.	286-	1050-	500
WBZ	Westinghouse Elec. & Mfg. Co., Springfield, Mass.	337-	890-	1000
WCAD	St. Lawrence University, Canton, N. Y.	280-	1070-	250
WCAE	Kaufmann & Baer Co., Pittsburgh, Pa.	462-	650-	500
WCAG	Clyde R. Randall, New Orleans, La.	268-	1120-	50
WCAH	Entrekin Electric Co., Columbus, Ohio.	286-	1050-	50
WCAJ	Nebraska Wesleyan University, University Place, Nebr.	360-	833-	500
WCAK	Alfred P. Daniel, Houston, Tex.	360-	833-	50
WCAL	St. Olaf College, Northfield, Minn.	360-	833-	500

		W.L.	K.C.	W.P.
WCAM	Villanova College, Villanova, Pa	360-	833-	150
WCAO	Sanders & Stayman Co., Baltimore, Md	360-	833-	50
WCAP	Chesapeake & Potomac Telephone Co., Washington, D. C.	469-	640-	500
WCAR	Alamo Radio Electric Co., San Antonio, Tex	360-	833-	150
WCAS	Wm. Hood Dunwoody Industrial Institute, Minneapolis, Minn.	246-	1050-	100
WCAT	South Dakota State School of Mines, Rapid City, S. D.	240-	1250-	100
WCAU	Durham & Co., Philadelphia, Pa	286-	1050-	100
WCAV	J. C. Dice Electric Co., Little Rock, Ark	360-	833-	20
WCAX	University of Vermont, Burlington, Vt	360-	833-	50
WCAY	Kesselman-O'Driscoll Co., Milwaukee, Wis	261-	1150-	250
WCAZ	Carthage College, Carthage, Ill	246-	1220-	50
WCBA	Charles W. Heimbach, Allentown, Pa	280-	1070-	10
WCBD	Wilbur G. Voliva, Zion, Ill	345-	870-	500
WCK	Stix, Baer & Fuller Dry Goods Co., St. Louis, Mo	360-	833-	100
WCM	University of Texas, Austin, Tex	360-	833-	500
WCX	Detroit Free Press, Detroit, Mich	517-	580-	500
WDAE	Tampa Daily Times, Tampa, Fla	360-	833-	250
WDAF	Kansas City Star, Kansas City, Mo	411-	730-	500
WDAG	J. Laurance Martin, Amarillo, Tex	263-	1140-	100
WDAH	Trinity Methodist Church (South), El Paso, Tex	268-	1120-	50
WDAK	The Courant, Hartford, Conn	261-	1150-	100
WDAO	Automotive Electric Co., Dallas, Tex	360-	833-	50
WDAP	Board of Trade, Chicago, Ill	360-	833-	500
WDAR	Lit Brothers, Philadelphia, Pa	395-	760-	500
WDAS	Samuel A. Waite, Worcester, Mass	360-	833-	5
WDAU	Slocum & Kilburn, New Bedford, Mass	360-	833-	100
WDAX	First National Bank, Centerville, Iowa	360-	833-	100
WDAY	Radio Equipment Corp., Fargo, N. Dak	244-	1230-	50
WDBC	Kirk, Johnson & Co., Lancaster, Pa	258-	1160-	50
WDZ	James L. Bush, Tuscola, Ill	278-	1080-	10
WEAA	Frank D. Fallain, Flint, Mich	280-	1070-	10
WEAF	American Telephone & Telegraph Co., New York, N. Y.	492-	610-	500
WEAH	Wichita Board of Trade & Lander Radio Co., Wichita, Kans.	280-	1070-	50
WEAI	Cornell University, Ithaca, N. Y.	286-	1050-	500
WEAJ	University of South Dakota, Vermillion, S. Dak	283-	1060-	200
WEAM	Borough of North Plainfield, North Plainfield, N. J.	252-	1190-	100
WEAN	Shepard Co., Providence, R. I.	273-	1100-	100
WEAO	Ohio State University, Columbus, Ohio	360-	833-	500
WEAP	Mobile Radio Co., Mobile, Ala	360-	833-	100
WEAR	Baltimore American & News Publishing Co., Baltimore, Md	360-	833-	50
WEAS	Hecht Co., Washington, D. C.	360-	833-	100
WEAU	Davidson Bros. Co., Sioux City, Iowa	360-	833-	100

		W.L.	K.C.	W.P.
WEAY	Iris Theatre, Houston, Tex	360-	833-	250
WEB	Benwood Co., St. Louis, Mo	360-	833-	500
WEV	Hurlburt-Still Electrical Co., Houston, Tex	360-	833-	50
WEW	St. Louis University, St. Louis, Mo	261-	1150-	100
WFAA	Dallas News & Dallas Journal, Dallas, Tex	476-	630-	500
WFAB	Carl F. Woese, Syracuse, N. Y.	234-	1280-	100
WFAF	H. C. Spratley Radio Co., Poughkeepsie, N. Y.	360-	833-	20
WFAH	Electric Supply Co., Port Arthur, Tex	236-	1270-	150
WFAJ	Hi-Grade Wireless Instrument Co., Asheville, N. C.	360-	833-	50
WFAM	Times Publishing Co., St. Cloud, Minn	360-	833-	20
WFAN	Hutchinson Electric Service Co., Hutchinson, Minn	360-	833-	300
WFAQ	Missouri Wesleyan College, Cameron, Mo	360-	833-	10
WFAT	New Columbus College, Sioux Falls, So. Dak	258-	1160-	50
WFAV	University of Nebraska, Dept. of Elec. Eng., Lincoln, Nebr.	275-	1090-	500
WFI	Strawbridge & Clothier, Philadelphia, Pa	395-	760-	500
WGAL	Lancaster Electric Supply & Construction Co., Lancaster, Pa	248-	1210-	10
WGAN	Cecil E. Lloyd, Pensacola, Fla	360-	833-	50
WGAQ	Glenwood Radio Corp., Shreveport, La	360-	833-	150
WGAW	Ernest C. Albright, Altoona, Pa	261-	1150-	100
WGAY	Northwestern Radio Co., Madison, Wis	360-	833-	100
WGAZ	South Bend Tribune, South Bend, Ind	360-	833-	50
WGI	American Radio & Research Corp., Medford Hillside, Mass	360-	833-	150
WGL	Thomas F. J. Rowlett, Philadelphia, Pa	360-	833-	500
WGR	Federal Telep. & Teleg. Co., Buffalo, N. Y.	319-	940-	500
WGV	Interstate Electric Co., New Orleans, La	360-	833-	100
WGY	General Electric Co., Schnectady, N. Y.	380-	790-	1000
WHA	University of Wisconsin, Madison, Wis	360-	833-	500
WHAA	State University of Iowa, Iowa City, Iowa	283-	1060-	100
WHAB	Clark W. Thompson, Galveston, Tex	360-	833-	200
WHAD	Marquette University, Milwaukee, Wis	280-	1070-	100
WHAG	University of Cincinnati, Cincinnati, Ohio	222-	1350-	100
WHAH	Rafer Supply Co., Joplin, Mo	283-	1060-	250
WHAK	Roberts Hardware Co., Clarksburg, W. Va	258-	1160-	15
WHAM	University of Rochester, Rochester, N. Y.	283-	1060-	100
WHAP	Otta & Kuhns, Decatur, Ill	360-	833-	50
WHAR	Paramount Radio & Electric Co., Atlantic City, N. J.	231-	1300-	10
WHAS	Courier-Journal & Louisville Times, Louisville, Ky	400	750-	500
WHAV	Wilmington Electric Specialty Co., Wilmington, Del	360-	833-	50
WHAZ	Rensselaer Polytechnic Institute, Troy, N. Y.	380-	790-	500
WHB	Sweeney School Co., Kansas City, Mo	411-	720-	500
WHK	Radiovex Co., Cleveland, Ohio	283-	1060-	100
WHN	George Schubel, New York, N. Y.	360-	833-	100

		W.L. K.C. W.P.	
WIAB	Joslyn Automobile Co., Rockford, Ill.	252-1190-	50
WIAC	Galveston Tribune, Galveston, Texas	360- 833-	100
WIAD	Ocean City Yacht Club, Ocean City, N. J.	254-1180-	10
WIAF	Gustav A. DeCortin, New Orleans, La.	234-1280-	10
WIAI	Heer Stores Co., Springfield, Mo.	252-1190-	20
WIAJ	Fox River Valley Radio Supply Co., Neenah, Wis.	224-1340-	100
WIAK	Journal-Stockman Co., Omaha, Nebr.	273-1080-	200
WIAO	School of Engineering of Milwaukee, Milwaukee, Wis.	360- 833-	100
WIAQ	Chronicle Publishing Co., Marion, Ind.	226-1330-	10
WIAR	Paducah Evening Sun, Paducah, Ky.	360- 833-	100
WIAS	Home Electric Co., Burlington, Iowa	360- 833-	100
WIAU	American Trust & Savings Bank, Le Mars, Iowa	360- 833-	20
WIK	K. & L. Electric Co., McKeesport, Pa.	234-1280-	500
WIL	Continental Electrical Supply Co., Washington, D. C.	360- 833-	10
WIP	Gimbel Brothers, Philadelphia, Pa.	509- 590-	500
WJAB	American Electric Co., Lincoln, Nebr.	360- 833-	500
WJAD	Jackson's Radio Engineering Laboratories, Waco, Texas	360- 833-	150
WJAF	Muncie Press & Smith Publishing Co., Muncie, Ind.	360- 833-	10
WJAG	Norfolk Daily News, Norfolk, Nebr.	283-1060-	250
WJAK	Rev. Clifford L. White, Greentown, Ind.	254-1180-	30
WJAM	D. M. Perham, Cedar Rapids, Io.	258-1120-	20
WJAN	Peoria Star, Peoria, Ill.	280-1070-	100
WJAQ	Capper Publications, Topeka, Ks.	360- 833-	100
WJAR	The Outlet Co., Providence, R. I.	360- 833-	500
WJAS	Pittsburgh Radio Supply House, Pittsburgh, Pa.	360- 833-	500
WJAT	Kelly-Vawter Jewelry Co., Marshall, Mo.	360- 833-	10
WJAX	Union Trust Co., Cleveland, O.	390- 770-	500
WJAZ	Chicago Radio Laboratory, Chicago, Ill.	448- 670-	1000
WJD	Denison University, Granville, O.	229-1310-	50
WJH	William P. Boyer Co., Washington, D. C.	273-1100-	50
WJX	Deforest Radio Tel. & Tel. Co., New York, N. Y.	360- 833-	500
WJY	R. C. A., New York, N. Y.	405- 740-	500
WJZ	Broadcast Central, New York, N. Y.	455- 660-	500
WKAA	H. F. Paar, Cedar Rapids, Io.	268-1160-	100
WKAD	Charles Loeff, East Providence, R. I.	240-1250-	10
WKAF	W. S. Radio Supply Co., Wichita Falls, Tex.	360- 833-	100
WKAN	United Battery Service Co., Montgomery, Ala.	226-1330-	15
WKAP	Dutee W. Flint, Cranston, R. I.	360- 833-	250
WKAQ	Radio Corp. of Porto Rico, San Juan, P. R.	360- 833-	100
WKAR	Michigan Agriculture College, East Lansing, Mich.	280-1070-	250
WKAV	Laconia Radio Club, Laconia, N. H.	254-1180-	50
WKAW	Turner Cycle Co., Beloit, Wis.	242-1240-	10

		W.L. K.C. W.P.	
WKAY	Brenau College, Gainesville, Ga.	280-1070-	10
WKY	WKY Radio Shop, Oklahoma, Okla.	360- 833-	100
WLAG	Cutting & Washington Radio Corp., Minneapolis, Minn.	417- 720-	500
WLAH	Samuel Woodworth, Syracuse, N. Y.	234-1280-	100
WLAJ	Waco Electrical Supply Co., Waco, Tex.	360- 833-	150
WLAK	Vermont Farm Machine Corporation, Bellows Falls, Vt.	360- 833-	100
WLAL	Naylor Electrical Co., Tulsa, Okla.	360- 833-	100
WLAN	Putnam Hardware Co., Houlton, Me.	283-1060-	250
WLAP	W. V. Jordan, Louisville, Ky.	360- 833-	15
WLAQ	Arthur E. Schilling, Kalamazoo, Mich.	283-1060-	20
WLAT	Radio & Specialty Co., Burlington, Io.	360- 833-	10
WLAV	Electric Shop, Pensacola, Fla.	254-1180-	15
WLAW	Police Dept., City of New York, New York, N. Y.	360- 833-	500
WLAX	Putnam Electric Co., Greencastle, Ind.	231-1300-	10
WLB	University of Minnesota, Minneapolis, Minn.	360- 833-	5
WLW	Crosley Manufacturing Co., Cincinnati, O.	309- 970-	500
WMAB	Radio Supply Co., Oklahoma, Okla.	360- 833-	100
WMAC	Clive B. Meredith, Cazenovia, N. Y.	261-1150-	200
WMAF	Round Hills Radio Corp., Dartmouth, Mass.	360-833-100-	500
WMAH	General Supply Co., Lincoln, Neb.	250-1180-	100
WMAJ	Drovers Telegram Co., Kansas City, Mo.	275-1090-	250
WMAK	Norton Laboratories, Lockport, N. Y.	360- 833-	500
WMAL	Trenton Hardware Co., Trenton, N. J.	256-1170-	50
WMAN	First Baptist Church, Columbus, Ohio	286-1050-	10
WMAP	Utility Battery Service, Easton, Pa.	246-1220-	150
WMAQ	Chicago Daily News, Chicago, Ill.	448- 670-	500
WMAT	Paramount Radio Corp., Duluth, Minn.	266-1130-	250
WMAV	Alabama Polytechnic Institute, Auburn, Ala.	250-1200-	500
WMAY	Kingshighway Presbyterian Church, St. Louis, Mo.	280-1070-	100
WMAZ	Mercer University, Macon, Ga.	268-1120-	50
WMC	"Commercial Appeal," Memphis, Tenn.	500- 600-	500
MWU	Doubleday-Hill Electric Co., Washington, D. C.	261-1150-	50
WNAC	Shepard Stores, Boston, Mass.	278-1080-	100
WNAD	University of Oklahoma, Norman, Okla.	360- 833-	100
WNAL	R. J. Rockwell, Omaha, Neb.	242-1240-	20
WNAN	Syracuse Radio Telephone Co., Syracuse, N. Y.	286-1050-	100
WNAP	Wittenberg College, Springfield, Ohio	360- 833-	100
WNAQ	Charleston Radio Electric Co., Charleston, S. C.	360- 833-	10
WNAR	C. C. Rhodes, Butler, Mo.	231-1300-	20
WNAS	Texas Radio Corp. & Austin Statesman, Austin, Tex.	360- 833-	100
WNAT	Lenning Brothers Co., Philadelphia, Pa.	360- 833-	100
WNAV	People's Telephone & Telegraph Co., Knoxville, Tenn.	236-1270-	500

		W.L. K.C. W.P.		
WNAW	Peninsular Radio Club, Fort Munroe, Va.	360-833-	5	
WNAX	Dakota Radio Apparatus Co., Yankton, S. Dak.	244-1230-	100	
WNJ	Shotton Radio Manufacturing Co., Albany, N. Y.	360-833-	55	
WOAC	Maus Radio Co., Lima, Ohio	266-1130-	50	
WOAD	Friday Battery & Electric Corp., Sigourney, Iowa	360-833-	20	
WOAE	Midland College, Fremont, Neb.	360-833-	20	
WOAF	Tyler Commercial College, Tyler, Tex.	360-833-	10	
WOAG	Apollo Theatre, Belvidere, Ill.	224-1340-	100	
WOAH	Palmetto Radio Corp., Charleston, S. C.	360-833-	100	
WOAI	Southern Equipment Co., San Antonio, Tex.	385-780-	500	
WOAJ	Ervin's Electrical Co., Parsons, Kans.	258-1160-	15	
WOAL	William E. Woods, Webster Groves, Mo.	229-1310-	500	
WOAN	Vaughn Conservatory of Music, Lawrenceburg, Tenn.	360-833-	150	
WOAO	Lyradion Mfg. Co., Mishawaka, Ind.	360-833-	50	
WOAP	Kalamazoo College, Kalamazoo, Mich.	240-1250-	50	
WOAR	Henry P. Lundskow, Kenosha, Wis.	229-1310-	50	
WOAT	Boyd M. Hamp, Wilmington, Del.	360-833-	50	
WOAV	Pennsylvania Nat'l Guard, 2d Bat, 112th Inf., Erie, Pa.	242-1240-	100	
WOAW	Woodmen of the World, Omaha, Nebr.	526-570-	500	
WOAX	Franklyn J. Wolff, Trenton, N. J.	240-1250-	500	
WOC	Palmer School of Chiropractic, Davenport, Iowa	484-620-	500	
WOI	Iowa State College, Ames, Iowa	360-833-	100	
WOK	Pine Bluff Co., Pine Bluff, Ark.	360-833-	500	
WOO	John Wanamaker, Philadelphia, Pa.	509-590-	500	
WOQ	Western Radio Co., Kansas City, Mo.	360-833-	500	
WOR	L. Bamberger & Co., Newark, N. J.	405-740-	500	
WOS	Missouri State Marketing Bureau, Jefferson City, Mo.	441-680-	500	
WPAB	Pennsylvania State College, State College, Pa.	283-1060-	500	
WPAC	Donaldson Radio Co., Okmulgee, Okla.	360-833-	200	
WPAH	Wisconsin Department of Markets, Waupaca, Wis.	360-833-	250	
WPAJ	Doolittle Radio Corp., New Haven, Conn.	268-1120-	10	
WPAK	North Dakota Agricultural College, Agric. College, N. D.	360-833-	250	
WPAL	Avery & Loeb Electric Co., Columbus, Ohio	286-1050-	100	
WPAM	Auerbach & Guettel, Topeka, Kans.	360-833-	10	
WPAP	Theodore D. Phillips, Winchester, Ky.	360-833-	35	
WPAQ	General Sales & Engineering Co., Frostburg, Md.	360-833-	10	
WPAT	St. Patrick's Cathedral, El Paso, Tex.	360-833-	20	
WPAU	Concordia College, Moorhead, Minn.	360-833-	20	
WPAZ	John R. Koch (Dr.), Charleston, W. Va.	273-1100-	100	
WPG	Nushawg Poultry Farm, New Lebanon, Ohio	234-1280-	50	
WQAA	Horace A. Beale, Jr., Parkesburg, Pa.	360-833-	500	
WQAC	E. B. Gish, Amarillo, Tex.	360-833-	100	

		W.L. K.C. W.P.		
WQAD	Whitall Electric Co., Waterbury, Conn.	242-1240-	50	
WQAE	Moore Radio News Station, Springfield, Vt.	275-1090-	50	
WQAF	Sandusky Register, Sandusky, Ohio	240-1250-	5	
WQAH	Brock-Anderson Electrical Engineering Co., Lexington, Ky.	254-1180-	10	
WQAL	Coles County Telephone & Telegraph Co., Mattoon, Ill.	258-1160-	10	
WQAM	Electrical Equipment Co., Miami, Fla.	360-833-	100	
WQAN	Scranton Times, Scranton, Pa.	280-1070-	100	
WQAO	Calvary Baptist Church, New York, N. Y.	360-833-	100	
WQAO	Abilene Daily Reporter, Abilene, Tex.	360-833-	100	
WQAS	Prince-Walter Co., Lowell, Mass.	266-1130-	100	
WQAV	Huntington & Guerry, Inc., Greenville, S. C.	258-1160-	15	
WQAW	Catholic University, Washington, D. C.	236-1270-	5	
WQAX	Radio Equipment Co., Peoria, Ill.	360-833-	100	
WRAA	Rice Institute, Houston, Tex.	360-833-	200	
WRAD	Taylor Radio Shop, Marion, Mass.	248-1210-	10	
WRAF	The Radio Club, Inc., Laport, Ind.	224-1340-	20	
WRAH	Stanley N. Read, Providence, R. I.	231-1300-	10	
WRAL	Northern States Power Co., St. Croix Falls, Wis.	248-1210-	100	
WRAM	Lombard College, Galesburg, Ill.	244-1230-	250	
WRAN	Black Hawk Electrical Co., Waterloo, Iowa	236-1270-	10	
WRAO	St. Louis Radio Service Co., St. Louis, Mo.	360-833-	10	
WRAV	Antioch College, Yellow Springs, Ohio	360-833-	100	
WRAW	Avenue Radio Shop, Reading, Pa.	238-1260-	10	
WRAX	Flexon's Garage, Gloucester City, N. J.	268-1120-	100	
WRAY	Radio Sales Corp., Scranton, Pa.	280-1070-	100	
WRAZ	Radio Shop of Newark, Newark, N. J.	233-1290-	50	
WRC	Radio Corporation of America, Washington, D. C.	460-640-	500	
WRK	Doren Bros. Electric Co., Hamilton, Ohio	360-833-	200	
WRL	Union College, Schenectady, N. Y.	360-833-	500	
WRM	University of Illinois, Urbana, Ill.	360-833-	500	
WRR	City of Dallas, Dallas, Tex.	360-833-	20	
WRW	Tarrytown Radio Research Laboratory, Tarrytown, N. Y.	273-1100-	150	
WSAB	Southeast Missouri State Teachers' College, Cape Girardeau, Mo.	360-833-	100	
WSAG	Clemson Agricultural College, Clemson College, S. C.	360-833-	500	
WSAD	J. A. Foster Co., Providence, R. I.	261-1150-	150	
WSAG	Loren V. Davis and George Prestman, Sr., St. Petersburg, Fla.	244-1230-	10	
WSAH	A. G. Leonard, Jr., Chicago, Ill.	248-1210-	500	
WSAI	United States Playing Card Co., Cincinnati, Ohio	309-970-	500	
WSAJ	Grove City College, Grove City, Pa.	360-833-	250	
WSAL	Franklin Electric Co., Brookville, Ind.	246-1220-	10	
WSAN	Allentown Radio Club, Allentown, Pa.	229-1310-	10	
WSAR	Doughty & Welch Electrical Co., Fall River, Mass.	254-1180-	10	

		W.L. K.C	WP.
WSAT	Plainview Electric Co., Plainview, Texas	268-1120-	20
WSAU	Camp Marienfeld, Chesham, N. H.	229-1310-	
WSAW	Curtis & McElwee, Canandaigua, N. Y.	275-1190-	100
WSAX	Chicago Radio Laboratory, Chicago Ill.	268-1120-	20
WSAY	Irving Austin, Port Chester, N. Y.	233-1290-	100
WSAZ	Chase Electric Shop, Pomeroy, O.	258-1160-	50
WSB	Atlanta Journal, Atlanta, Ga.	429- 700-	500
WSL	J. & M. Electric Co., Utica, N. Y.	273-1100-	100
WSY	Alabama Power Co., Birmingham, Ala.	360- 833-	500
WTAB	Fall River Daily Herald Publishing Co., Fall River, Mass.	248-1210-	10
WTAC	Penn Traffic Co., Johnstown, Pa.	229-1310-	10
WTAF	Louis J. Gallo, New Orleans, La.	268-1120-	20
WTAG	Kern Music Co., Providence, R. I.	258-1160-	10
WTAH	Carmen Ferro, Belvidere, Ill.	236-1270-	10
WTAJ	The Radio Shop, Portland, Me.	236-1270-	10
WTAL	Toledo Radio & Electric Co., Toledo, Ohio	252-1190-	10
WTAM	The Willard Storage Battery Co., Cleveland, Ohio	390- 770-	1000
WTAN	Orndorff Radio Shop, Mattoon, Ill.	240-1250-	100
WTAP	Cambridge Radio & Electric Co., Cambridge, Ill.	242-1240-	50
WTAQ	S. H. Van Gorden & Son, Osseo, Wis.	226-1330-	100
WTAR	Reliance Electric Co., Norfolk, VA	280-1070-	100
WTAS	Charles E. Erbstein, Elgin, Ill., near	286-1050-	500
WTAT	Edison Electric Illuminating Co., Boston, Mass.	244-1229-	100
WTAU	Ruegg Battery & Electric Co., Tecumseh, Neb.	360- 833-	10
WTAW	Agri. & Mech. College of Texas, College Station, Tex.	280-1070-	50
WTAX	Williams Hardware Co., Streator, Ill.	231-1300-	20
WTAY	Iodar-Oak Leaves Broadcasting Station, Oak Park, Ill.	226-1330-	15
WTAZ	Thomas J. McGuire, Lambertville, N. J.	283-1060-	15
WTG	Kansas State Agricultural College, Manhattan, Kan.	360- 833-	1000
WWAB	Hoenig, Swern & Co., Trenton, N. J.	226-1330-	10
WWAC	Sanger Bros., Waco, Tex.	360- 833-	50
WWAD	Wright & Wright, Inc., Philadelphia, Pa.	360- 833-	100
WWAE	Alamo Dance Hall, Joliet, Ill.	227-1320-	500
WWAF	Galvin Radio Supply Co., Camden, N. J.	236-1270-	100
WWAK	Wormser Bros., Laredo, Tex.	360- 833-	50
WWAO	Michigan College of Mines, Houghton, Mich.	244-1230-	250
WWI	Ford Motor Co., Dearborn, Mich.	273-1100-	50
WWJ	Detroit News, Detroit, Mich.	517- 580-	500
WWL	Loyola University, New Orleans, La.	280-1070-	100

BROADCASTING STATIONS OF CANADA ARRANGED ALPHABETICALLY BY CALL LETTERS

		W.L. K.C.
CFAC	Calgary Herald, Calgary, Alberta	430-698
CFCA	Star Publishing and Printing Co., Toronto, Ontario	400-750
CFCF	Marconi Wireless Telegraph Co. of Canada, Montreal, Quebec	440-682
CFCH	Abitibi Power and Paper Co., Iroquois Falls, Ontario	400-750
CFCJ	La Cie de L'Evenement, Quebec, Quebec	410-732
CFCK	Radio Supply Co., Edmonton, Alberta	410-732
CFCL	Centennial Methodist Church, Victoria, British Columbia	400-750
CFCN	W. W. Grant Radio (Ltd.), Calgary, Alberta	440-682
CFCO	Semmelhaack-Dickson (Ltd.), Bellevue, Quebec	450-667
CFCQ	Radio Specialties (Ltd.), Vancouver, British Columbia	450-667
CFCR	Laurentide Air Service, Sudbury, Ontario	410-732
CFCW	The Radio Shop, London, Ontario	420-714
CFDC	Sparks Co., Nanaimo, British Columbia	430-698
CFQC	The Electric Shop (Ltd.), Saskatoon, Saskatchewan	400-750
CFRC	Queens University, Kingston, Ontario	450-667
CFUC	University of Montreal, Montreal, Quebec	400-750
CHAC	Radio Engineers, Halifax, Nova Scotia	400-750
CHBC	Albertan Publishing Co., Calgary, Alberta	410-732
CHCD	Canadian Wireless and Electric Co., Quebec, Quebec	410-732
CHCE	Western Canada Radio Supply (Ltd.), Victoria, British Columbia	400-750
CHCL	Vancouver Merchants Exchange, Vancouver, British Columbia	440-682
CHYC	Northern Electric Co., Montreal, Quebec	410-732
CJCA	Edmonton Journal, Edmonton, Alberta	450-667
CJGC	London Free Press Printing Co., London, Ontario	430-698
CJCD	T. Eaton Co., Toronto, Ontario	410-732
CJCE	Sprott-Shaw Radio Co., Vancouver, British Columbia	420-714
CJCI	Maritime Radio Corp., St. John, New Brunswick	400-750
CJCN	Simons Agnew & Co., Toronto, Ontario	410-732
CJCX	Percival Wesley Shackleton, Olds, Alberta	400-750
CJSC	Evening Telegram, Toronto, Ontario	430-698
CKAC	La Presse Publishing Co., Montreal, Quebec	430-698
CKCD	Vancouver Daily Province, Vancouver, British Columbia	410-732
CKCE	Canadian Independent Telephone Co., Toronto, Ontario	450-667
CKCK	Leader Publishing Co., Regina, Saskatchewan	420-714
CKOC	Wentworth Radio Supply Co., Hamilton, Ontario	410-732
CKY	Manitoba Telephone System, Winnipeg, Manitoba	450-667

Mileage (air line) from Boston, Mass.

to some of the principal broadcasting stations located within the United States, also a few stations located in Canada, Cuba and Mexico.

The figures following the call letters indicate: W.L., wave length in metres; K.C., frequency in kilocycles; W.P., watt power of station; m, miles.

W.L.-K.C.-W.P.	W.L.-K.C.-W.P.	W.L.-K.C.-W.P.
Atlanta Ga 935 m WSB 429-700-500	Clemson College S C 832 m	Havana Cuba 1540 m PWX 400-750-500
Auburn Ala 1045 m WMAV 250-1070-500	WSAC 360-833-500	Honolulu Hawaii 4620 KGU 360-833-250
Baltimore Md 365 m WCAO 360-833-50 WEAR 360-833-50	Cleveland O 564 m WHK 360-833-500	Houston Tex 1602 m WEAY 360-833-250
Bellows Falls Vt 97 WLAK 360-833-500	WJAX 390-770-500	Jefferson City Mo 1148 m
Birmingham Ala 1052 WSY 360-833-500	WTAM 390-770-1000	WOS 441-680-500
Boston Mass WNAC 278-1018-100	Columbus O 652 m WBAV 390-770-500	Joliet Ill 880 m
WTAT 244-1229-100	Dallas, Texas 1547 m WFAA 476-630-500	WWAE 227-1320-500
Buffalo N Y 416 m WGR 319-940-500	Davenport Ia 1015 m WOC 484-620-500	Juneau Alaska 3500 KFIU 226-1330-10
Calgary, Alberta, Canada 2145 m	Denver Colo 1775 m KFAF 360-833-500	Kansas City Mo 1265 WDAF 411-730-500
CFCN 430-697-2000	KLZ 360-833-500	WHB 411-730-500
Charlotte N C 722 m WBT 360-833-500	Detroit Mich 628 m WCX 517-580-500	WOQ 360-833-500
Chicago Ill 860 m KYW 536-560-1000	WWJ 517-920-1000	Lincoln Neb 1334 m WFAV 275-1090-500
WDAP 360-833-500	East Pittsburgh Pa 477 m	WJAB 360-833-500
WJAZ 448-670-1000	KDKA 326-920-1000	Lockport N Y 410 m WMAK 360-833-500
WMAQ 488-670-250	Elgin Ill 894 m WTAS 275-1090-500	Los Angeles Cal 2606 KFI 469-640-500
Cincinnati O 743 m WLW 309-970-500	Fort Worth Texas 1575 m	KHJ 395-760-500
WSAI 309-970-500	WBAP 476-630-750	HJS 360-833-750
	Galveston Texas 1602 m	KWH 360-833-500
	WIAC 360-833-100	Louisville Ky 832 m WHAS 400-750-500

W.L.-K.C.-W.P.

Madison Wis 935 m WHA 360-833-500
Manhattan Kan 1373 WTG 360-833-1000
Medford Hillside Mass WGI 360-833-150
Memphis Tenn 1128 WMC 500-600-500
Mexico City Mexico 2315 m CYB 425-706-
Milwaukee Wis 866 WCAY 261-1150-250
Minneapolis, Minn 1135 m WBAH 417-720-500
WLAG 417-720-500
Montreal Quebec Can 250 m CFCF 440-682-2000
CKAC 430-697-2000
Newark N J 206 WAAM 263-1140-250
WOR 405-740-500
New Orleans La 1355 WAAC 360-833-400
New York City 189 m WEAF 492-610-500
WHN 360-833-100
WJY 405-740-500
WJZ 455-660-500
Northfield Minn 1128 WCAL 360-833-250
Oakland Cal 2695 m KLS 360-833-250
KLX 360-833-250
Okmulgee Okla 1411 WPAC 360-833-200

W.L.-K.C.-W.P.

Omaha Neb 1294 WOAW 527-570-500
Orange Texas 1514 m KFGX 250-1200-500
Philadelphia Pa 275 WDAR 395-760-500
WFI 395-760-500
WIP 509-590-500
WOO 509-590-500
Pittsburgh Pa 495 m KQV 360-833-500
WCAE 462--650-500
WJAS 360-833-500 see East Pittsburgh
Portland Ore 2585 m KGW 492-610-500
Providence R I 42 m WEAN 273-110-100
WJAR 360-833-500
WSAD 261-1150-150
Pullman Wash 2296 KFAE 360-833-500
Regina Saskatchewan Canada 1712 m CKCK 420-714-2000
Rochester N Y 344 m WHAM 360-833-100
St Louis Mo 1045 m KSD 546-550-500
WEB 360-833-500
Salt Lake City Utah 2107 m KZN 360-833-500
San Antonio Texas 1767 m WOAI 385-780-500
San Francisco Cal 2705 m KPO 423-710-500

W.L.-K.C.-W.P.

San Juan Porto Rico 1750 m WKAQ 360-833-100
Schenectady N Y 155 WGY 380-790-1000
Seattle Wash 2530 m KTW 360-833-500
Springfield Mass 86 WBZ 337-890-1000
State College New Mexico 2063 m KOB 360-833-500
State College Pa 388 WPAB 360-833-500
Tampa Fla 1175 m WDAE 360-833-250
Tarrytown N Y 172 WRW 273-1100-150
Toronto Cana 437 m CFCA 400-750-200
Troy N Y 142 m WHAZ 380-790-500
Tuinuccu Cubu 1535 6 KW 332-904-
Urbana Ill 918 m WRM 360-833-500
Vancouver British Columbia 2558 m CKCD 410-732-2000
Washington D C 392 WCAP 469-640-500
WRC 469-640-500
West Lafayette Ind 839 m WBAA 360-833-250
Winnipeg Manitoba Canada 1370 m CJCG
Zion Ill 863 m WCBD 345-870-500

Evening Program Schedules of the Principal Broad- EASTERN STANDARD TIME

	Dial Reading	Sunday
Atlanta, Ga.....WSB		8.30-10.00
Boston, Mass.....WNAC	60-95	6.45-9.30
Buffalo, N. Y.....WGR		silent
Chicago, Ill.....KYW		7.30-10.00
Chicago, Ill.....WDAP		10.15-12.00
Chicago, Ill.....WJAZ		7.00-10.00
Chicago, Ill.....WMAQ		silent
Cincinnati, Ohio.....WLW		silent
Cincinnati, Ohio.....WSAI		silent
Cleveland, Ohio.....WHK		8.00-10.00
Cleveland, Ohio.....WJAX		silent
Cleveland, Ohio.....WTAM		silent
Dallas, Tex.....WFAA		silent
Davenport, Iowa.....WOC		8.00-12.00
Detroit, Mich.....WCX		7.15-9.00
Detroit, Mich.....WWJ		7.30-9.00
East Pittsburgh, Pa....KDKA		6.30-10.00
Kansas City, Mo.....WDAF		silent
Kansas City, Mo.....WHB		9.00-2.00
Lockport, N. Y.....WMAK		silent
Louisville, Ky.....WHAS		silent
Madison, Wis.....WHA		silent
Medford Hillside, Mass.WGI		8.30-10.00

casting Stations commonly heard by Mass. Radio Fans EASTERN STANDARD TIME

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9.00-1.00	9.00-1.00	silent	9.00-1.00	9.00-1.00	9.00-1.00
6.00-10.00	8.00-10.00	6.00-10.00	8.00-10.00	6.00-10.00	8.00-10.00
6.30-12.00	6.30-7.45	6.30-12.00	6.30-7.45	6.30-12.00	6.30-7.45
silent	7.30-10.30	7.30-1.30	7.30-11.00	7.30-1.30	7.30-10.30
silent	8.00-1.00	8.00-1.00	8.00-1.00	8.00-1.00	8.00-1.00
silent	11.00-3.00	11.00-3.00	11.00-3.00	11.00-3.00	11.00-3.00
silent	9.30-11.00	8.00-11.30	8.00-12.00	8.00-11.00	8.00-12.00
9.00-11.00	11.00-1.00	9.00-11.00	11.00-1.00	silent	silent
silent	silent	9.00-11.00	9.00-11.00	silent	9.00-12.00
silent	silent	silent	silent	9.00-11.00	silent
silent	7.30-10.00	silent	8.00-10.30	silent	silent
silent	silent	8.00-10.30	silent	silent	9.00-11.00
7.15-10.30	7.15-1.00	7.15-10.30	7.15-10.30	7.15-10.30	7.15-1.00
7.30-10.00	silent	7.30-12.00	7.30-10.00	7.30-10.00	7.30-11.00
7.00-10.00	10.00-12.00	7.00-10.00	7.00-10.00	7.00-10.00	silent
7.00-10.00	7.00-10.00	7.00-10.00	7.00-12.00	7.00-10.00	7.30-9.00
6.15-10.00	6.00-12.30	6.00-10.00	6.00-12.30	6.00-10.00	6.00-10.00
9.00-2.00	12.45-2.00	9.00-2.00	12.45-2.00	9.00-2.00	12.45-2.00
8.00-9.00	8.00-11.00	8.00-9.00	8.00-11.00	8.00-9.00	silent
silent	8.00-9.00	silent	silent	silent	silent
silent	8.30-10.00	8.30-10.00	8.30-10.00	8.30-10.00	8.30-10.00
8.30-9.15	silent	8.30-9.15	silent	8.30-9.15	silent
silent	7.30-8.45	7.30-9.00	7.30-8.45	7.30-9.00	7.30-9.00

(over)

**Evening Program Schedules of the Principal Broad-
EASTERN STANDARD TIME**

**casting Stations commonly heard by Mass. Radio Fans
EASTERN STANDARD TIME**

	Dial Reading	Sunday
Minneapolis, Minn.	WLAG	8.45-10.15
Montreal, Que.	CKAC	silent
Newark, N. J.	WOR	silent
New York, N. Y.	WEAF	7.00-10.20
New York, N. Y.	WHN	9.30-12.00
New York, N. Y.	WJY	silent
New York, N. Y.	WJZ	7.00-10.00
Omaha, Neb.	WOAW	10.00-12.00
Philadelphia, Pa.	WDAR	silent
Philadelphia, Pa.	WFI	7.30-9.00
Philadelphia, Pa.	WIP	silent
Philadelphia, Pa.	WOO	silent
Providence, R. I.	WEAN	7.45-9.00
Providence, R. I.	WJAR	7.20-10.20
Providence, R. I.	WSAD	silent
St. Louis, Mo.	KSD	silent
Schnectady, N. Y.	WGY	7.30-9.00
Springfield, Mass.	WBZ	6.45-9.30
Troy, N. Y.	WHAZ	silent
Washington, D. C.	WCAP	7.20-10.00
Washington, D. C.	WRC	silent
Zion, Ill.	WCBD	silent

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
6.30-10.17	6.30-10.17	6.30-11.45	6.30-10.17	6.30-11.45	6.30-1.30
silent	7.00-11.30	silent	7.00-11.30	silent	7.00-11.30
6.15-11.00	6.15-7.30	6.15-11.00	6.15-7.30	6.15-7.30	6.15-11.00
7.30-11.00	7.30-11.00	7.00-10.00	7.00-12.00	7.30-10.00	7.30-12.00
7.30-12.00	9.30-12.00	7.30-12.00	9.30-12.00	9.30-12.00	7.30-12.00
silent	7.30-12.00	silent	8.30-11.00	7.30-12.00	silent
7.00-10.00	7.00-12.00	7.00-12.00	7.00-12.00	7.00-12.00	7.00-12.00
10.00-12.00	10.00-12.00	10.00-12.00	10.00-12.00	10.00-12.00	10.00-12.00
8.00-10.00	7.30-8.00	8.00-10.00	7.30-8.00	8.00-12.00	7.30-8.00
silent	8.15	silent	8.15-	silent	8.15-
6.00-7.30	6.00-12.00	6.00-7.30	6.00-11.00	6.00-7.30	6.00-12.00
7.30-11.00	silent	7.30-11.00	silent	7.30-11.00	silent
6.00-10.00	8.00-10.00	7.00-10.00	7.00-8.00	8.00-10.00	9.00-11.00
7.00-8.00	7.00-8.00	7.30-10.00	silent	7.00-12.00	7.00-8.00
silent	6.00-7.00	7.00-8.00	8.15-11.00	6.00-7.00	6.00-7.00
9.30-12.00	9.00-11.30	8.00-1.00	9.00-10.00	silent	8.00-12.00
6.00-10.30	6.00-10.30	silent	6.00-10.30	6.00-12.00	10.00-12.00
7.00-10.00	7.00-10.00	7.00-10.00	7.00-10.00	7.00-10.00	7.00-10.00
9.00-12.00	silent	silent	silent	silent	silent
silent	7.30-10.00	silent	7.15-12.00	silent	7.30-12.00
8.00-10.30	silent	8.00-10.30	silent	8.00-10.30	silent
7.00-9.00	silent	silent	silent	7.00-9.00	silent

**1924 LIST OF
UNITED STATES BROADCASTING STATIONS
ARRANGED BY STATES**

ALABAMA		Stanford University KFGH	IDAHO		
Auburn WMAV	Stockton KJQ, KWG	Boise KEFB, KFAU,	KFDD		
Birmingham WSY	Venice KFAV	Kellogg KFEY	Moscow KFAN		
Mobile WEAP	COLORADO		Boulder KFAJ		
Montgomery WKAN	Colorado Springs KFCK,	KFFQ, KFKZ			
ARIZONA		Greeley KFJD, KFKA	Denver KDZQ, KFAF,		
Phoenix, KDYM KFAD	KFDL, KFEL, KFLE,		KLZ		
KFCB	Gunnison KFHA	Lakeside KFKH			
Tucson KFDH	Trinidad KFBS	CONNECTICUT			
ARKANSAS		Hartford WDAK	New Haven WPAJ		
Conway KFKQ	Storrs WABL		Waterbury WQAD		
Fayetteville KFDV	DELAWARE		Wilmington WHAV,		
KFMQ	WOAT		DIST. OF COLUMBIA		
Little Rock, KFLQ KFMB	Washington WABE,		WCAP, WEAS, WIL,		
WCAV	WJH, WMU, WQAW,		WRC		
Pine Bluff WOK	FLORIDA		INDIANA		
CALIFORNIA		Jacksonville WABG,	Anderson WABC		
Bakersville KDZB	Miami WQAM	Brookville WSAL	Greencastle WLAX		
Berkeley KRR	Pensacola, WGAN, WLAV	Greentown WJAK	Laporte WRAF		
El Monto KUY	St. Petersburg WSAQ	Marion WIAQ	Mishawaka WAOO		
Fresno KMJ	Tampa WDAE	Muncie WJAF	South Bend WGAZ, WABJ		
Hollywood KFAR	GEORGIA		West Lafayette WBAA		
Long Beach KSS	Atlanta WSB	Gainesville WKAY			
Los Angeles, KDZF, KFI,	Macon WMAZ	San Francisco, KPO, KUO			
KJS, KNJ, KNV,	San Luis Obispo KFBE				
KNX, KUS, KWH,					
Modesto KXD					
Oakland, KLS, KLX,					
KQM					
Richmond KFCM					
Sacramento KFBK					
Santa Ana KFAW					
Santa Babara KFHJ					
San Diego KDPT,					
KDYM, KFBC,					
San Jose, KFAQ, KQW					

IOWA		LOUISIANA		MINNESOTA	
Ames WOI	Alexandria KFFY	Duluth KFMS, WMAT	Hutchinson WFAN		
Atlantic KFLZ	Baton Rouge KFGC	Minneapolis KFDZ,	KFEF, KFMT,		
Boone KFGQ	Franklinton KFLD	WBAD, WBAH,	WCAS, WLAG, WLB		
Burlington WIAS, WLAT	New Orleans WAAB,	Moorhead WPAU	Northfield KFMY, WCAL		
Cedar Falls KFJX	WAAC, WCAG,	St. Cloud WFAM			
Cedar Rapids KFLP,	WGV, WIAF, WTAF,				
WJAM, WCAA	WWL				
Centerville WDAX	Shreveport KFDX,				
Davenport WOC	KFHK, WGAQ				
Dexter KFJV	MAINE		MISSOURI		
Fort Dodge KFER, KFJY	Bangor WABI	Butler WNAR	Cameron WFAQ		
Gladbrook KFIK	Houlton WLAN	Cape Girardeau WSAB	Columbia WAAN		
Iowa City WHAA	Portland WTAJ	Independence KFIX	Jefferson City WOS		
Lamoni KFFV	MARYLAND		Joplin WHAH		
Le Mars KFCL, WIAU	Baltimore WCAO, WEAR,	Kansas City WDAF,	WHB, WMAJ, WOQ		
Marshalltown KFJB	Frostburg WPAQ	Marshall WJAT	St. Joseph KFHD		
Oskaloosa KFHL	MASSACHUSETTS		St. Louis KFEZ, KFGJ,		
Ottumwa KFJL	Boston WNAC, WTAT	KFIB, KSD, WCK,	WEB, WEW, WMAY,		
Sigourney WOAD	Dartmouth WMAF	WRAO	Springfield WIAI		
Sioux City KFMR, WEAU	Fall River WSAR, WTAB	Webster Groves WOAL			
Waterloo WRAN	Lowell WQAS	MONTANA			
KANSAS		Marion WRAD	Billings KFCH		
Anthony WBL	Medford Hillside WGI	New Bedford WDAU	Boyeman KFDO		
Emporia WAAZ	New Bedford WDAU	Springfield WBZ	Butte KFKV, KFLA		
Hutchinson KFHX	Springfield WBZ	Worcester WABK, WDAS			
Iola KFID	MICHIGAN		Great Falls KDYS		
Louisburg KFIL	Berrien Springs KFGZ	Havre KFBB			
Manhattan WTG	Dearborn WWI	Missoula KFLW			
Milford KFKB	Detroit KOP, WCX, WWJ	Stevensville KFJR			
Parsons WOAJ	East Lansing WKAR	NEBRASKA			
Topeka WJAQ, WPAM	Flint WEAA	Fremont WOAE			
Towanda KFJW	Houghton KNMW-	Hastings KFKX			
Wichita WEAH	WVAO				
KENTUCKY		Kalamazoo WLAQ, WOAP			
Lexington WQAH	Menominee KFLB				
Louisville WHAS, WLAP	Mt. Clemens WABX				
Paducah WIAR	Saginaw WABM				
Winchester WPAP					

Kearney KFHP
 Lincoln KFDD, WFAV,
 WJAB, WMAH
 Norfolk WJAG
 Oak KFEQ
 Omaha KFCZ, KFFX,
 WAAW, WIAK,
 WNAL, WOAW
 Tecumseh WTAU
 University Place WCAJ
 Utica KFGV
 York KFDR

NEVADA

Sparks KFFR
NEW HAMPSHIRE
 Laconi WKAU
 Chesham WSAU

NEW JERSEY

Atlantic City WHAR
 Camden WABU, WWAU
 Gloucester City WRAX
 Lambertville WTAZ
 Newark WAAM, WABS,
 WBS, WOR, WRAZ
 North Plainfield WEAM
 Ocean City WIAD
 Paterson WRAN
 Trenton WMAL,
 WOAX, WWAB

NEW MEXICO

Albuquerque KFLR
 State College KOB

NEW YORK

Albany WNJ
 Buffalo WGR
 Canandaigua WSAW
 Canton WCAD
 Cazenovia WMAC
 Ithaca WEAI
 Lockport WMAK

New York WBAY
 WEAU, WHN, WJX,
 WJY, WJZ, WLAW,
 WQAO,
 Port Chester WSAY
 Poughkeepsie WFAF
 Rochester WABO, WHAM
 Schenectady WGY, WRL
 Syracuse WFAB,
 WLAH, WNAN
 Tarrytown WRW
 Troy WHAZ
 Utica WSL

NORTH CAROLINA

Asheville WFAJ
 Charlotte WBT

NORTH DAKOTA

Agricultural College WPAK
 Fargo KELY, WDAY
 Grand Forks KFJM

OHIO

Cincinnati WAAD,
 WHAG, WLW, WSAI
 Cleveland WDPM, WHK,
 WJAX, WTAM
 Columbus WBAV, WCAH,
 WEAO, WMAN,
 WPAL

Dayton WABD
 Dover WABP
 Granville WJD
 Hamilton WRK
 Lima WOAC
 Marietta WBAW
 Newark WBBA
 New Lebano WPG
 Pomeroy WSAZ
 Sandusky WABH, WQAF
 Springfield WNAP
 Toledo WABR, WTAL

Wooster WABW
 Yellow Springs WRAV

OKLAHOMA

Bristow KFJK
 Chickasha KFGD
 Norman WNAD
 Oklahoma KFJF, WKY,
 WMAB
 Okmulgee WPAC
 Tulsa WLAL

OREGON

Arlington KFGL
 Astoria KFJI
 Baker KFDA
 Corvallis KFDJ
 Hillsboro KFFO
 Hood River KFHB, KQP
 Medford KFAY
 Pendleton KFFE
 Portland KDYQ, KFEC,
 KFIF, KGG, KGN
 KGW
 Salem KFCD

PENNSYLVANIA

Allentown WCBA, WSAJ
 Altoona WGAU
 East Pittsburgh KDKA
 Easton WMAP
 Erie WQAV
 Grove City WSAJ
 Harrisburg WABB
 Haverford WABQ
 Johnstown WTAC
 Lancaster WDBC, WGAL
 McKeesport WIK
 Parkesburg WQAA
 Philadelphia WCAU,
 WDAR, WFI, WGL,
 WIP, WNAT, WOO,
 WWAD

Pittsburgh (see also East
 Pittsburgh) KQV,
 WCAE, WJAS
 Reading WBBD, WRAW
 Scranton WQAN, WRAY
 State College WPAB
 Villanova WCAM
 Washington WABT
 Wilkes-Barre WBAX

RHODE ISLAND

Cranston WKAP
 East Providence WKAD
 Providence WEAN,
 WJAR, WRAH,
 WSAD, WTAG

SOUTH CAROLINA

Charleston WNAQ,
 WOAH
 Clemson College WSAC
 Greenville WQAV

SOUTH DAKOTA

Brookings KFDY
 Rapid City WCAT
 Sioux Falls WFAT
 Vermillion WEAJ
 Yankstown WNAX

TENNESSEE

Knoxville WNAV
 Lawrenceburg WOAN
 Memphis WMC
 Nashville WAVB

TEXAS

Abilene WQAQ

Amarillo WDAG, WQAC,
 Austin WCM, WNAS
 College Station WTAU
 Dallas KFFZ, WDAO,
 WFAA, WRR
 El Paso WDAH, WPAT
 Fort Worth KFJZ, WBAP
 Galveston KFLX, WHAB
 WIAC
 Houston KFCV, WCAK,
 WEAY, WEV, WRAA
 Laredo WWAX
 Orange KFGX
 Plainview WSAT
 Port Arthur WFAH
 San Antonio WCAR,
 WOAI

San Benito KFLU
 San Marcos KEMU
 Tyler WOAF
 Waco WJAD, WLAJ,
 WWAC
 Wichita Falls WKAF

UTAH

Ogden KFCP
 Salt Lake City KDYL,
 KFLH, KZN

VERMONT

Bellows Falls WLAK
 Burlington WCAX
 Springfield WQAE

VIRGINIA

Fort Munroe WNAW
 Norfolk WTAR

WASHINGTON

Aberdeen KNT
 Bellingham KDZR
 Everett KFBL
 Lacey KGY
 Neah Bay KFHH
 Pullman KFAE
 Seattle KDZE, KFHR,
 KFIY, KFJC, KHQ,
 KJR, KTW
 Spokane KFIO
 Tacoma KFBG, KFEJ,
 KGB, KMO
 Walla Walla KFCF
 Wenatchee KDZI, KZV
 Yakima KFIQ

WEST VIRGINIA

Charleston WPAZ
 Clarksburg WHAK

WISCONSIN

Beloit WKAW
 Fond du Lac KFIZ
 Kenosha WOAR
 La Crosse WABN
 Madison WGAY, WHA
 Milwaukee, WCAU,
 WHAD WIAO

Neenah WIAJ
 Osseo WTAQ
 St. Croix Falls WRAL
 Waupaca WPAH

WYOMING

Douglas KFEV
 Laramie KFBU

TENTATIVE REGULATIONS of the National Board of Fire Underwriters for Radio Receiving Apparatus

The regulations that follow were drawn up by a special committee of the National Fire Protection Association, which is the authority for the National Electrical Code and whose findings are standards of engineering practice. Besides the underwriting organizations represented upon this special committee, engineers acting for the American Radio Relay League, American Telephone and Telegraph Company, Radio Corporation of America and the Independent Telephone Association, also participated.

These regulations are recommended for trial use pending the issuance of the next edition of the National Electrical Code.

One of the fire dangers connected with the present use of radio is the inclination of those interested to experiment with lighting circuits and other high voltage systems. Even the current from a six-volt storage battery is sufficient to cause fire if the terminals, or the wire leading from them, become crossed. Both these hazards have already resulted in fires.

RECEIVING STATIONS

Antenna

a. Antenna outside of buildings shall not cross over or under electric light or power wires of any circuit of more than six hundred volts, or railway trolley or feeder wires, nor shall it be so located that a failure of either antenna or of the above mentioned electric light or power wires can result in a contact between the antenna and such electric light or power wires.

Antenna shall be constructed and installed in a strong and durable manner and shall be so located as to prevent accidental contact with light and power wires by sagging or swinging.

Splices and joints in the antenna span, unless made with approved clamps or splicing devices, shall be soldered.

Antennæ installed inside of buildings are not covered by the above specifications.

Lead-In Wires

b. Lead-in wires shall be of copper, approved copper-clad steel or other approved metal which will not corrode excessively, and in no case shall they be smaller than No. 14 B. & S. gage except that approved copper-clad steel not less than No. 17 B. & S. gage may be used.

Lead-in wires on the outside of buildings shall not come nearer than four (4) inches to electric light and power wires unless separated therefrom by a continuous and firmly fixed non-conductor that will maintain permanent separation. The non-conductor shall be in addition to any insulation on the wire.

Lead-in wires shall enter building through a non-combustible, non-absorbitive insulating bushing.

Protective Device

c. Each lead-in wire shall be provided with an approved protective device properly connected and located (inside or outside the building) as near as practicable to the point where the wire enters the building. The protector shall not be placed in the immediate vicinity of easily ignitable stuff, or where exposed to inflammable gases, or dust, or flyings of combustible materials.

The protective device shall be an approved lightning arrester which will operate at a potential of five hundred (500) volts or less.

The use of an antenna grounding switch is desirable, but does not obviate the necessity for the approved protective device required in this section. The antenna grounding switch if installed shall, in its closed position, form a shunt around the protective device.

Protective Ground Wire

d. The ground wire may be bare or insulated and shall be of copper or approved copper-clad steel. If of copper, the ground wire shall be not smaller than No. 14 B. & S. gage, and if of approved copper-clad steel it shall be not smaller than No. 17 B. & S. gage. The ground wire shall be run in as straight a line as possible to a good permanent ground. Preference shall be given to water piping. Gas piping shall not be used for grounding protective devices. Other permissible grounds are

grounded steel frames of buildings or other grounded metallic work in the building and artificial grounds such as driven pipes, plates, cones, etc.

The ground wire shall be protected against mechanical injury. An approved ground clamp shall be used wherever the ground wire is connected to pipes or piping.

Wires Inside Buildings

e. Wires inside buildings shall be securely fastened in a workmanlike manner and shall not come nearer than two (2) inches to any electric light or power wire unless separated therefrom by some continuous and firmly fixed non-conductor making a permanent separation. This non-conductor shall be in addition to any regular insulation on the wire. Porcelain tubing or approved flexible tubing may be used for encasing wires to comply with this rule.

Receiving Equipment Ground Wire

f. The ground conductor may be bare or insulated and shall be of copper, approved copper-clad steel or other approved metal which will not corrode excessively under existing conditions, and in no case shall the ground wire be less than No. 14 B. & S. gage except that approved copper-clad steel not less than No. 17 B. & S. gage may be used.

The ground conductor may be run inside or outside of building. When receiving equipment ground wire is run in full compliance with rules for Protective Ground Wire, in Section d., it may be used as the ground conductor for the protective device.

Broadcasting Stations and Locations	Call Letters	Dial Reading	Wave Length
<i>Edison Light Boston</i>	WEET	30-70	303

Broadcasting
Stations and Locations

Call
Letters

Dial
Reading

Wave
Length

Broadcasting
Stations and Locations

Call
Letters

Dial
Reading

Wave
Length

Broadcasting
Stations and Locations

Call
Letters

Dial
Reading

Wave
Length

