BURGESS INDEX of RADIO BROADCASTING STATIONS

Record and Atlas

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BURGESS BATTERY COMPANY

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CONCERNING

BURGESS BATTERIES

The unique position of esteem and confidence occupied by Burgess Radio Batteries is a natural development of the conservative policy which has characterized the manufacture, advertising and sale of Burgess products.

Of interest, perhaps, to the thinking battery buyer is the fact that no Burgess product is advertised or sold until its merit has been proven, not only by our own rigid tests, but also those of the foremost radio engineers, manufacturers and experimenters in the country.

Through friendly criticism and suggestions, together with extensive research and engineering by the C. F. Burgess Laboratories, the efficiency of Burgess Batteries has increased to a degree which we believe is not equalled elsewhere.

Ask Any Radio Engineer

BURGESS BATTERY COMPANY

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FLASHLIGHT - - RADIO - - IGNITION - - TELEPHONE

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UNITED STATES BROADCASTING STATIONS

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KDKA	E. Pittsburgh, Pa.	Westinghouse El. & Mfg. Co.	315.6	950	30000			
KDLR	Devils Lake, N. D.	Radio Electric Co.	230.6	1300	15			
KDYL	Salt Lake City, Utah	Intermountain Broadcasting Corp.	258.5	1160	100			
KELW	Burbank, Calif.	Earl L. White	228.9	1310	250			
KEX	Portland, Ore.	Western Broadcasting Co.	239.9	1250	2500			
*KFAB	Lincoln, Nebr.	Nebraska Buick Auto Co.	309.1	970	5000			
KFAD	Phoenix, Ariz.	Electrical Equip. Co. and McArthur Bros. Co.	272.6	1100	500			
*KFAU	Boise, Idaho	Indep. School Dist. of Boise	285.5	1050	4000			
KFBB	Havre, Mont.	F. A. Buttrey Co.	275.1	1090	50			
KFBC	San Diego, Calif.	W. K. Azbill and Union League Club of San Diego County	247.8	1210	100			
KFBK	Sacramento, Calif.	Kimball-Upson Co.	535.4	560	100			
KFBL	Everett, Wash.	Leese Brothers	223.7	1340	50			
KFBU	Laramie, Wyo.	Bishop N. S. Thomas	428.3	700	500			
KFCB	Phoenix, Ariz.	Nielson Radio Supply Co.	243.8	1230	125			
KFCR	Santa Barbara, Calif.	Santa Barbara Broad. Co.	211.1	1420	50			
KFDM	Beaumont, Texas	Magnolia Petroleum Co.	374.8	800	500			
KFDX	Shreveport, La.	First Baptist Church	236.1	1270	250			
KFDY	Brookings, S. D.	S. D. State College	394.5	760	500			
KFDZ	Minneapolis, Minn.	Harry O. Iverson	215.7	1390	10			
KFEC	Portland, Ore.	Meier & Frank Co.	214.2	1400	50			
KFEL	Denver, Colo.	Eugene P. O'Fallon, Inc.	247.8	1210	250			
KFEQ	St. Joseph, Mo.	Scroggin & Co., Bank	230.6	1300	1000			
KFEY	Kellogg, Idaho	Bunker Hill & Sullivan	232.4	1290	10			
KFGQ	Boone, Iowa	Boone Biblical College	209.7	1430	10			
KFH	Wichita, Kans.	Hotel Lassen	245.8	1220	500			
KFHA	Gunnison, Colo.	Western State College of Colorado	254.1	1280	50			
KFHL	Oskaloosa, Iowa	Penn College	212.6	1410	10			
KFI	Los Angeles, Calif.	Earle C. Anthony, Inc.	468.5	640	5000			
†KFIF	Portland, Ore.	Benson Poly. Institute	214.2	1400	750			
KFIO	Spokane, Wash.	North Central High School	245.8	1220	100			
KFIU	Juneau, Alaska	Alaska Electric Light & Power Company	225.4	1330	10			

NRRL Madison, Wis. Master Naval Reserve Control Station. Burgess Battery Company.

9EK Madison, Wis. (Amateur Station.) Burgess Battery Company.

9XH Madison, Wis. (Amateur Station.) Burgess Battery Company.

4DM Burgess Island, Bokeelia, Fla. (Am. Sta.) Burgess Battery Company.

*Night-time—2000 Watts.
†1000 Watts Daytime.

Revised November 1, 1927

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KFIZ	Fond du Lac, Wis.	Fond du Lac Commonwealth	267.7	1120	100			
KFJB	Marshalltown, Iowa	Marshall Electric Co.	247.8	1210	15			
†KFJF	Okla. City, Okla.	National Radio Mfg. Co.	272.6	1100	750			
KFJI	Astoria, Ore.	E. E. Marsh	249.9	1200	15			
KFJM	Grand Forks, N. D.	University of North Dakota	333.1	900	100			
KFJR	Portland, Ore.	Ashley C. Dixon & Son	282.8	1060	100			
KFJY	Fort Dodge, Iowa	Tunwall Radio Co.	239.9	1250	100			
KFJZ	Ft. Worth, Tex.	W. E. Branch	249.9	1200	50			
KFKA	Greeley, Colo.	Colo. State Teachers College	399.8	750	200			
‡KFKB	Milford, Kans.	J. R. Brinkley, M. D.	241.8	1240	1500			
KFKU	Lawrence, Kans.	University of Kansas	254.1	1180	500			
KFKX	Chicago, Ill.	Westinghouse Electric & Manufacturing Company	526	570	2500			
KFKZ	Kirksville, Mo.	State Teachers College	225.4	1330	15			
KFLU	San Benito, Tex.	San Benito Radio Club	236.1	1270	15			
KFLV	Rockford, Ill.	Swedish Evan. Ch.	267.7	1120	100			
KFLX	Galveston, Tex.	George R. Clough	270.1	1110	100			
KFMR	Sioux City, Iowa	Morningside College	440.9	860	500			
KFMX	Northfield, Minn.	Carleton College	236.1	1270	500			
KFNF	Shenandoah, Iowa	Henry Field Seed Co.	270.1	1110	1000			
KFOA	Seattle, Wash.	Rhodes Dept. Store	447.5	670	1000			
KFON	Long Beach, Calif.	Nichols & Warinner, Inc.	241.8	1240	500			
KFOR	Lincoln, Nebr.	Lincoln Hatchery	217.3	1380	100			
KFOX	Omaha, Nebr.	Technical High School	258.5	1160	100			
KFOY	St. Paul, Minn.	Morris G. Goldberg	285.5	1050	250			
KFPL	Dublin, Tex.	C. C. Baxter	275.1	1090	15			
KFPM	Greenville, Tex.	New Furniture Co.	230.6	1300	15			
KFPR	Los Angeles, Calif.	Los A. Co. Forestry Dept.	232.4	1290	250			
KFPW	Carterville, Mo.‡	Lannie W. Stewart	263	1140	50			
KFPY	Spokane, Wash.	Symons Investment Co.	245.8	1220	250			
KFQA	St. Louis, Mo.	The Principia	322.4	930	50			
KFQB	Fort Worth, Tex.	Lone Star Broadcast Co.	260.7	1150	1000			
KFQD	Anchorage, Alaska	Anchorage Radio Club	344.6	870	100			
KFQU	Holy City, Calif.	W. E. Riker	249.9	1200	100			
KFQW	Seattle, Wash.	Carl F. Knierim	217.3	1380	100			
KFQZ	Hollywood, Calif.	L. E. Taft	232.4	1290	100			
KFRC	San Francisco, Calif.	Don Lee, Inc.	454.3	660	500			
KFRU	Columbia, Mo.	Stephens College	249.9	1200	500			

†1000 Watts Daytime.
‡2500 Watts Daytime.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KFSD	San Diego, Calif.	Airfan Radio Corp.	440.9	680	500			
KFSG	Los Angeles, Calif.	Echo Pk. Evang. Asso.	275.1	1090	500			
KFUL	Galveston, Tex.	Goggan & Bros. Music Co.	258.5	1160	500			
KFUM	Colo. Springs, Colo.	W. D. Corley	236.1	1270	100			
KFUO	St. Louis, Mo.	Concordia Seminary	545.1	550	500			
KFUP	Denver, Colo.	Fitzsimmons General Hosp.	227.1	1320	100			
KFUR	Ogden, Utah	Peery Building Co., Inc.	225.4	1330	500			
KFUS	Oakland, Calif.	Louis L. Sherman	256.3	1170	50			
KFUT	Salt Lake City, Utah	University of Utah	499.7	600	50			
KFVD	Venice, Calif.	W. J. and C. I. McWhinnie	208.2	1440	250			
*KFVE	St. Louis, Mo.	Benson Broadcasting Co.	234.2	1280	1000			
KFVG	Independence, Kans.	1st Meth. Epis. Church	225.4	1330	50			
KFVI	Houston, Tex.	Hdq. Troop 56th Cavalry	238	1260	50			
KFVS	C. Girardeau, Mo.	Hirsch Battery & Radio Co.	223.7	1340	50			
KFWB	Los Angeles, Calif.	Warner Bros. Pictures, Inc.	361.2	830	500			
KFWC	San Bernardino, Cal.	L. E. Wall	222.1	1350	100			
KFWF	St. Louis, Mo.	St. Louis Truth Center	214.2	1400	250			
KFWI	San Francisco, Calif.	Radio Entertainments	267.7	1120	500			
†KFWM	Oakland, Calif.	Oakland Educational Society	236.1	1270	500			
KFWO	Avalon, Calif.	Lawrence Mott	218.8	1370	250			
KFXD	Jerome, Idaho	Service Radio Co.	204	1470	50			
KFXF	Denver, Colo.	Pikes Peak Broadcasting Company	282.8	1060	250			
KFXJ	Near Edgewater, Colo.	R. C. Howell	215.7	1390	50			
KFXR	Okla. City, Okla.	G. W. Classen	223.7	1340	15			
KFXY	Flagstaff, Ariz.	Miss Mary Costigan	205.4	1460	25			
KFYO	Breckinridge, Tex.	Kirksey Bros. Battery & Electric Co.	211.1	1420	15			
KFYR	Bismarck, N. D.	Hoskins-Meyer, Inc.	239.9	1250	250			
KGA	Spokane, Wash.	Northwest Radio Service Co.	260.7	1150	2000			
KGAR	Tucson, Ariz.	Tucson Citizen	234.2	1280	100			
KGBS	Seattle, Wash.	A. C. Dailey	202.6	1480	100			
KGBU	Ketchikan, Alaska	Alaska Radio Co.	228.9	1310	500			
KGBX	St. Joseph, Mo.	Foster Hall Tire Co., Inc.	288.3	1040	100			
KGBY	Shelby, Nebr.	Dunning & Taddiken	202.6	1480	50			
KGBZ	York, Nebr.	Dr. Geo. R. Miller	212.6	1410	100			
KGCA	Decorah, Iowa	Charles Walter Greenley	247.8	1210	10			
KGCB	Okla. City, Okla.	Wallace Radio Institute	215.7	1390	50			
KGCG	Newark, Ark.	Moore Motor Co.	223.7	1340	100			

*2000 Watts Daytime.
†1000 Watts Daytime.

Call Signal	LOCATION	NAME	Wave Length	Kilocycles	Power (Watts)	LOG		
KGCH	Wayne, Nebr.	Wayne Hospital	293.9	1020	250			
KGCI	San Antonio, Tex.	Liberto Radio Sales	220.4	1360	15			
KGCL	Seattle, Wash.	Wasmer & Taft	230.6	1300	50			
KGCN	Concordia, Kans.	Concordia Broadcasting Co.	208.2	1440	50			
KGCR	Brookings, S. D.	Cutler's Radio Service	208.2	1440	15			
KGCU	Mandan, N. D.	Mandan Radio Association	239.9	1250	100			
KGCX	Vida, Mont.	First State Bank	243.8	1230	10			
*KGDA	Dell Rapids, S. D.	Home Auto Co.	254.1	1180	15			
KGDE	Barrett, Minn.	Jaren Drug Co.	205.4	1460	50			
KGDJ	Cresco, Iowa	R. Rathert	202.6	1480	10			
KGDM	Stockton, Calif.	E. F. Peffer	217.3	1380	10			
KGDR	San Antonio, Tex.	Radio Engineers	202.6	1480	15			
KGDW	Humboldt, Nebr.	Frank J. Rist	206.8	1450	100			
KGDX	Shreveport, La.	Wm. Erwin Anthony	212.6	1410	250			
KGDY	Oldham, S. D.	J. Albert Loesch	206.8	1450	15			
KGEF	Los Angeles, Calif.	Trinity Methodist Church	263	1140	500			
KGEH	Eugene, Ore.	Eugene Broadcasting Station	201.2	1490	50			
KGEK	Yuma, Colo.	Boehler Electrical Equip. Co.	263	1140	10			
KGEN	El Centro, Calif.	E. R. Irey and F. M. Bowles	225.4	1330	15			
KGEO	Grand Island, Nebr.	Hotel Yancey	205.4	1460	100			
KGEQ	Minneapolis, Minn.	Fred W. Herrmann	202.6	1480	50			
KGER	Long Beach, Calif.	C. Merwin Dobyns	215.7	1390	100			
KGEU	Lower Lake, Calif.	L. W. Clement	227.1	1320	50			
KGEW	Fort Morgan, Colo.	City of Fort Morgan	218.8	1370	10			
KGEY	Denver, Colo.	J. W. Dietz	201.2	1490	15			
KGEZ	Kalispell, Mont.	Flathead Broadcasting Assn.	293.9	1020	100			
KGFB	Iowa City, Iowa	Albert C. Dunkel	223.7	1340	10			
KGFF	Alva, Okla.	Earl E. Hampshire	205.4	1460	25			
KGFG	Okla. City, Okla.	Full Gospel Church	215.7	1390	50			
KGFH	La Crescenta, Calif.	Frederick Robinson	223.7	1340	250			
KGFI	Fort Stockton, Tex.	M. L. Eaves	220.4	1360	15			
KGFJ	Los Angeles, Calif.	Ben. S. McGlashan	208.2	1440	100			
KGFK	Hallock, Minn.	Kittson County Enterprise	223.7	1340	50			
KGFL	Trinidad, Colo.	Trinidad Broadcasting Co.	222.1	1350	50			
KGFM	Yuba City, Calif.	Geo. W. Johnson	211.1	1420	15			
KGFN	Aneta, N. D.	Haraldson & Thingstad	199.9	1500	15			
KGFO	Terre Haute, Ind.	Brant Radio Power Co.	204	1470	100			

*Daytime only.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KGFP	Mitchell, S. D.	Mitchell Broadcast Co.	212.6	1410	10			
KGFW	Ravenna, Nebr.	Otto F. Sothman	296.9	1010	10			
†KGFX	Pierre, S. D.	Dana McNeil	254.1	1180	200			
KGGF	Picher, Okla.	Dr. D. L. Connell	206.8	1450	100			
KGGH	Cedar Grove, La.	Bates Radio & Elec. Co.	212.6	1410	50			
KGGM	Inglewood, Calif.	Jay Peters	204	1470	100			
KGHC	Slayton, Minn.	Hegstad Radio Co.	209.7	1430	15			
KGHP	Hardin, Mont.	Hardin Post No. 8 Am.Legion	263	1140	50			
KGO	Oakland, Calif.	General Electric Co.	384.4	780	5000			
KGRC	San Antonio, Tex.	Gene Roth & Co.	220.4	1360	50			
KGRS	Amarillo, Tex.	Gish Radio Service	243.8	1230	150			
KGTT	San Francisco, Calif.	Glad Tidings Tabernacle	206.8	1450	50			
KGU	Honolulu, Hawaii	Marian A. Mulrony	270.1	1110	600			
KGW	Portland, Ore.	Morning Oregonian	491.5	610	1000			
KGY	Lacey, Wash.	St. Martins College	243.8	1230	50			
KHJ	Los Angeles, Calif.	Times-Mirror Co.	405.2	740	500			
KHMC	Harlingen, Tex.	Harlingen Music Co.	261.1	1270	100			
KHQ	Spokane, Wash.	Louis Wasmer	370.2	810	1000			
KICK	Anita, Iowa	Atlantic Automobile Co.	461.3	650	100			
KJBS	San Francisco, Calif.	Brunton & Sons, Inc.	220.4	1360	50			
KJR	Seattle, Wash.	Northwest Radio Service Co.	348.6	860	2500			
KKP	Seattle, Wash.	City Harbor Dept.	265.3	1130	15			
‡KLCN	Blytheville, Ark.	Daily Courier News	285.5	1110	1500			
KLDS	Independence, Mo.	Reorganized Church of Jesus Christ	270	1110	1500			
KLIT	Portland, Ore.	Lewis Irvine Thompson	206.8	1450	10			
KLS	Oakland, Calif.	Warner Bros.	245.8	1220	250			
KLX	Oakland, Calif.	Tribune Pub. Co.	508.2	590	500			
KLZ	Denver, Colo.	Reynolds Radio Co.	267.7	1120	250			
KMA	Shenandoah, Iowa	May Seed & Nursery Co.	394.5	760	100			
KMED	Medford, Ore.	W. J. Virgin	267.7	1120	50			
KMIC	Inglewood, Calif.	J. R. Fouch	223.7	1340	250			
KMJ	Fresno, Calif.	Fresno Bee	365.6	820	50			
KMMJ	Clay Center, Nebr.	M. M. Johnson Co.	228.9	1310	500			
KMO	Tacoma, Wash.	KMO, Incorporated	254.1	1180	250			
KMOX	St. Louis, Mo.	Voice of St. Louis	299.8	1000	5000			
KMTR	Los Angeles, Calif.	KMTR Radio Corp.	526	570	500			
KNRC	Santa Monica, Calif.	Clarence B. Juneau	374.8	800	500			

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KNX	Los Angeles, Calif.	L. A. Evening Express	336.9	890	500			
*KOA	Denver, Colo.	General Electric Co.	325.9	920	5000			
KOAC	Corvallis, Oregon	Oregon Agricultural College	270.1	1110	500			
KOB	State College, N. M.	N. Mex. College of Agriculture	394.5	760	5000			
KOCH	Omaha, Nebr.	Omaha Central High School	258.5	1160	250			
KOCW	Chickasha, Okla.	Oklahoma College for Women	252	1190	250			
†KOIL	Council Bluffs, Iowa	Mona Motor Oil Co.	277.6	1080	4000			
KOIN	Portland, Ore.	KOIN, Incorporated	319	940	1000			
KOMO	Seattle, Wash.	Fishers Blend Station, Inc.	305.9	980	1000			
KOW	Denver, Colo.	Olinger Corp. Bdctg.	247.8	1210	250			
KOWW	Walla Walla, Wash.	Frank A. Moore	299.8	1000	500			
KPCB	Seattle, Wash.	Pacific Coast Biscuit Co.	230.6	1300	50			
KPJM	Prescott, Ariz.	Wilburn Radio Service	214.2	1400	15			
KPLA	Los Angeles, Calif.	Pacific Development Radio Co.	211.1	1420	100			
KPNP	Muscatine, Iowa	Central Radio Co.	211.1	1420	100			
KPO	San Francisco, Calif.	Hale Bros. and The Chronicle	422.3	710	1000			
KPPC	Pasadena, Calif.	Pasadena Presby. Church	228.9	1310	50			
KPRC	Houston, Tex.	Houston Printing Co.	293.9	1020	500			
KPSN	Pasadena, Calif.	Pasadena Star-News	315.6	950	1000			
KQV	Pittsburgh, Pa.	Doubleday-Hill Electric Co.	270.1	1110	500			
KQW	San Jose, Calif.	Fred J. Hart	296.9	1010	500			
KRAC	Shreveport, La.	Caddo Radio Club	220.4	1360	50			
KRE	Berkeley, Calif.	First Cong. Church	256.3	1170	100			
KRLD	Dallas, Tex.	Dallas Radio Labs., Inc.	461.3	650	500			
KRLO	Los Angeles, Calif.	Freeman Lang and A. B. Scott	215.7	1390	250			
KRSC	Seattle, Wash.	Radio Sales Corp.	211.1	1420	50			
KSAC	Manhattan, Kans.	Kansas St. Agric. College	333.1	900	500			
KSBA	Shreveport, La.	W. C. Patterson	267.7	1120	1000			
KSCJ	Sioux City, Iowa	Sioux City Journal	243.8	1230	500			
KSD	St. Louis, Mo.	Pulitzer Publishing Co.	545.1	550	500			
KSEI	Pocatello, Idaho	KSEI Broadcasting Assn.	333.1	900	250			
KSL	Salt Lake City, Utah	Radio Service Corp. of Utah	302.8	990	1000			
KSMR	Santa Maria, Calif.	Santa Maria Valley R. R.	272.6	1100	100			
KSO	Clarinda, Iowa	Berry Seed Co.	227.1	1320	500			
KSOO	Sioux Falls, S. D.	Sioux Falls Broadcast. Assn.	209.7	1430	250			
KTAB	Oakland, Calif.	Associated Broadcasters	280.2	1070	500			
KTAP	San Antonio, Tex.	Robert B. Bridge	228.9	1310	20			

*10,000 Watts Daytime.
†2000 Watts Night-time.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
KTBI	Los Angeles, Calif.	Bible Institute	288.3	1040	500			
KTBR	Portland, Ore.	M. E. Brown	282.8	1060	50			
KTHS	Hot Springs, Ark.	New Arlington Hotel Co.	384.4	780	1000			
†KTNT	Muscatine, Iowa	Norman Baker	256.3	1170	3500			
KTSA	San Antonio, Tex.	Alamo Brdg. Co.	265.3	1130	2000			
KTUE	Houston, Tex.	Uhalt Electric	212.6	1410	5			
KTW	Seattle, Wash.	First Presbyterian Church	394.5	760	1000			
KUJ	Seattle, Wash.	Puget Sound Radio Brdc. Co.	199.9	1500	10			
KUOA	Fayetteville, Ark.	University of Arkansas	296.9	1010	500			
KUOM	Missoula, Mont.	University of Montana	461.3	650	500			
KUSD	Vermillion, S. D.	University of South Dakota	483.6	620	250			
KUT	Austin, Tex.	University of Texas	232.4	1290	500			
KVI	Tacoma, Wash.	Puget Sound Broadcasting Co.	234.2	1280	05			
KVOO	Bristow, Okla.	Southwestern Sales Corp.	348.6	860	1000			
KVOS	Seattle, Wash.	L. L. Jackson and L. Kessler	209.7	1430	50			
KWBS	Portland, Ore.	Schaeffer Mfg. Co.	199.9	1500	15			
KWCR	Cedar Rapids, Iowa	H. F. Paar	239.9	1250	250			
KWG	Stockton, Calif.	Portable Wire Tele. Co.	344.6	870	50			
KWJJ	Portland, Ore.	KWJJ Broadcast Studios	228.9	1310	50			
KWKC	Kansas City, Mo.	Wilson Duncan Studios	222.1	1350	100			
KWKH	Shreveport, La.	W. K. Henderson	394.5	760	1000			
KWLC	Decorah, Iowa	Luther College	247.8	1210	50			
KWSC	Pullman, Wash.	State College of Washington	394.5	760	500			
KWTC	Santa Ana, Calif.	Dr. John Wesley Hancock	352.7	850	5			
KWUC	Lemars, Iowa	Western Union College	243.8	1230	1500			
KWWG	Brownsville, Tex.	Chamber of Commerce	277.6	1080	500			
KXL	Portland, Ore.	KXL Broadcasters	220.4	1360	50			
KXRO	Aberdeen, Wash.	KXRO, Inc.	227.1	1320	50			
KYA	San Francisco, Calif.	Pacific Broadcasting Corp.	309.1	970	500			
KYW	Chicago, Ill.	Westinghouse El. & Mfg. Co.	526	570	2500			
KZM	Oakland, Calif.	Preston D. Allen	245.8	1220	100			
WAAD	Cincinnati, Ohio	Ohio Mechanics Institute	267.7	1120	25			
WAAF	Chicago, Ill.	Chicago Daily Drovers Journal	389.4	770	500			
WAAM	Newark, N. J.	Isaiah R. Nelson	348.6	860	500			
WAAT	Jersey City, N. J.	Frank B. Bremer	245.8	1220	300			
WAAW	Omaha, Nebr.	Omaha Grain Exchange	440.9	680	500			
WABC	Richmond Hills, N. Y.	Atlantic Broadcasting Corp.	325.9	920	2500			

†5000 Watts Daytime.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WABF	Pringleboro (Kingston), Pa.	Markle Broadcasting Corp.	205.4	1460	250			
WABI	Bangor, Me.	First Univ. Church	389.4	770	100			
WABQ	Philadelphia, Pa.	Keystone Broadcasting Co.	223.7	1340	500			
WABW	Wooster, Ohio	College of Wooster	247.8	1210	50			
WABY	Philadelphia, Pa.	John Magaldi, Jr.	247.8	1210	50			
WABZ	New Orleans, La.	Coliseum Pl. Bapt. Ch.	247.8	1210	50			
WADC	Akron, Ohio	Allen T. Simmons	296.9	1010	500			
WAFD	Detroit, Mich.	Albert B. Parfet Co.	230.6	1300	100			
WAGM	Royal Oak, Mich.	Robert L. Miller	225.4	1330	50			
WAIT	Taunton, Mass.	A. H. Waite & Co.	214.2	1400	10			
WAIU	Columbus, Ohio	American Ins. Union	282.8	1060	5000			
WAIZ	Appleton, Wis.	Irving Zuelke Music Studio	227.1	1320	100			
WALK	Bethayres, Pa. (portable)	Albert A. Walker	201.2	1490	50			
WAMD	Minneapolis, Minn.	Radisson Radio Corp.	225.4	1330	500			
WAPI	Auburn, Ala.	Ala. Polytechnic Institute	325.9	820	1000			
WARS	Brooklyn, N. Y.	Amateur Radio Specialty Co.	227.1	1320	500			
WASH	Grand Rapids, Mich.	Baxter Laundry Co.	256.3	1170	250			
WATT	Boston, Mass. (portable)	Edison El. Ill. Co.	201.2	1490	100			
WBAA	W. Lafayette, Ind.	Purdue University	272.6	1100	500			
WBAK	Harrisburg, Pa.	Pennsylvania State Police	299.8	1000	500			
WBAL	Baltimore, Md.	Cons. Gas & Elec. Co.	285.5	1050	3000			
WBAO	Decatur, Ill.	Jajes Milliken University	267.7	1120	100			
WBAP	Fort Worth, Tex.	Carter Publications, Inc.	499.7	600	1500			
WBAW	Nashville, Tenn.	Waldrom Drug Co.	247.8	1210	100			
WBAX	Wilkes-Barre, Pa.	John H. Stenger, Jr.	249.9	1200	100			
WBBC	Brooklyn, N. Y.	Brooklyn Broadcasting Corp.	227.1	1320	500			
WBBL	Richmond, Va.	Grace Covenant Pres. Ch.	247.8	1210	100			
WBBM	Chicago, Ill.	Atlas Investment Co.	389.4	770	1000			
WBBP	Petoskey, Mich.	Petoskey High School	239.9	1250	100			
WBBR	Rossville, N. Y.	Peoples Pulpit Association	256.3	1160	1000			
WBBW	Norfolk, Va.	Ruffner Junior High School	236.1	1270	50			
WBBY	Charleston, S. C.	Washington Lt. Infantry	499.7	600	75			
WBBZ	Chicago, Ill.	C. L. Carrell (portable)	204	1470	100			
WBCN	Chicago, Ill.	Great Lakes Broadcasting Co.	288.3	1040	250			
WBES	Takoma Park, Md.	Bliss Electrical School	265.3	1130	100			
WBET	Medford, Mass.	Tuft's College	288.3	1040	500			
*WBIS	Boston, Mass.	The Shepard Stores (combined with WNAC)	302.8	990	100			

*1000 Watts Daytime

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WBKN	Brooklyn, N. Y.	Arthur Faske	267.7	1120	100			
WBMH	Detroit, Mich.	Braun's Music House	211.1	1420	100			
WBMS	Union City, N. J.	Geo. Julius Schowerer	267.7	1120	100			
WBNY	New York, N. Y.	Baruchrome Corp.	236.1	1270	250			
WBOQ	Richmond Hills, N. Y.	Atlantic Broadcasting Corp.	325.9	920	500			
WBRC	Birmingham, Ala.	Birmingham Broadcasting Co.	243.8	1230	250			
WBRE	Wilkes-Barre, Pa.	Baltimore Radio Exchange	249.9	1200	100			
WBRL	Tilton, N. H.	Booth Radio Laboratories	232.4	1290	500			
WBRS	Brooklyn, N. Y.	Universal Radio Mfg. Co.	211.1	1420	100			
WBSO	Wellesley Hills, Mass.	Babson's Statistical Organization	384.4	780	100			
*WBT	Charlotte, N. C.	C. C. Coddington	258.5	1160	500			
WBZ	Springfield, Mass.	Westinghouse El. & Mfg. Co.	333.1	9001	5000			
WBZA	Boston, Mass.	Westinghouse El. & Mfg. Co.	333.1	900	500			
WCAC	Mansfield, Conn.	Conn. Agricultural College.	535.4	560	500			
WCAD	Canton, N. Y.	St. Lawrence University	243.8	1230	500			
WCAE	Pittsburgh, Pa.	Kaufmann & Baer Co.	516.9	580	500			
WCAH	Columbus, Ohio	Entrekin Electric Co.	234.2	1280	250			
WCAJ	Lincoln, Nebr.	Nebr. Wesleyan University	379.5	790	500			
WCAL	Northfield, Minn.	St. Olaf College	236.1	1270	500			
WCAM	Camden, N. J.	City of Camden	223.7	1340	500			
WCAO	Baltimore, Md.	Monumental Radio, Inc.	384.4	780	250			
WCAT	Rapid City, S. D.	State School of Mines	247.8	1210	100			
WCAU	Philadelphia, Pa.	Universal Broadcasting Co.	260	1150	500			
WCAX	Burlington, Vt.	University of Vermont	254.1	1180	100			
WCAZ	Carthage, Ill.	Carthage College	340.7	880	50			
WCBA	Allentown, Pa.	Charles W. Heimbach	222.1	1350	100			
WCBD	Zion, Ill.	Wilbur G. Voliva	344.6	870	5000			
WCBE	New Orleans, La.	Uhalt Radio Co.	227.1	1320	5			
WCBM	Baltimore, Md.	Hotel Chateau	384.4	780	100			
WCBR	Providence, R. I. (portable)	Charles H. Meester	201.2	1490	100			
WCBS	Springfield, Ill.	H. L. Dewing & C. H. Meester	209.7	1430	250			
†WCCO	St. Paul-Minneapolis	Washburn-Crosby Co.	405.2	740	5000			
WCDA	Cliffside, N. J.	Italian Broadcasting Co.	211.1	1420	250			
WCFL	Chicago, Ill.	Chicago Federation of Labor	483.6	620	1500			
WCGU	Coney Island, N. Y.	Chas. G. Unger	218.8	1370	500			
WCLO	Camp Lake, Wis.	C. E. Whitmore	227.1	1320	100			
WCLS	Joliet, Ill.	WCLS, Inc.	215.7	1390	150			

*1000 Watts Daytime.
†7500 Watts Daytime.

Call Signal.	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WCMA	Culver, Ind.	Culver Military Academy	258.5	1160	250			
WCOA	Pensacola, Fla.	City of Pensacola	249.9	1200	500			
WCOC	Columbus, Miss.	Crystal Oil Co.	230.6	1300	100			
WCOT	Olneyville, R. I.	Jacob Conn.	225.4	1330	50			
WCRW	Chicago, Ill.	Clinton R. White	223.7	1340	500			
WCSH	Portland, Me.	Congress Square Hotel Co.	483.6	620	500			
WCSO	Springfield, Ohio	Wittenberg College	256.3	1170	500			
WCWK	Ft. Wayne, Ind.	Chester W. Keen	214.2	1400	500			
WCWS	Danbury, Conn.	Danbury Broadcasting Co.	265.3	1130	100			
WCX	Detroit, Mich.	Station WJR, Inc., & Detroit Fr. Pr. (combined with WJR)	440.9	680	5000			
WDAD	Nashville, Tenn.	Dad's Auto Access. (Also uses WLAC)	225.4	1330	500			
WDAE	Tampa, Fla.	Daily Times	267.7	1120	500			
WDAF	Kansas City, Mo.	Kansas City Star	370.2	810	1000			
WDAG	Amarillo, Tex.	J. Laurance Martin	263	1140	250			
WDAH	El Paso, Tex.	Trinity Methodist Church	234.2	1280	100			
WDAY	Fargo, N. D.	Radio Equipment Corp.	361.2	830	250			
WDBJ	Roanoke, Va.	Wayland Electrical Corp.	230.6	1300	250			
WDBO	Winter Park, Fla.	Rollins College	288.3	1040	500			
WDEL	Wilmington, Dela.	Wilmington Elec. Spec. Co.	296.9	1010	100			
WDGY	Minneapolis, Minn.	Dr. George W. Young	260.7	1150	500			
WDOD	Chattanooga, Tenn.	Chattanooga Radio Co.	245.8	1220	500			
WDRC	New Haven, Conn.	Doolittle Radio Corporation	275.1	1090	250			
WDWF	Cranston, R. I.	Dutee W. Flint, Inc. (Combined with WLSI)	257.1	1090	500			
WDWM	Asbury Pk., N. J.	Radio Industries Broadcast Co.	239.9	1250	500			
*WDZ	Tuscola, Ill.	James L. Bush	277.6	1080	100			
WEAF	New York, N. Y.	Nat'l Broadcasting Co., Inc.	491.5	610	5000			
WEAM	N. Plainfield, N. J.	Borough of N. Plainfield	263	1140	250			
WEAN	Providence, R. I.	Shepard Co.	319	940	500			
WEAO	Columbus, Ohio	Ohio State University	282.8	1060	750			
WEAR	Cleveland, Ohio	Willard Storage Battery Co.	399.8	750	1000			
WEBC	Superior, Wis.	Head of the Lakes Bdctg. Co.	241.8	1240	250			
WEBE	Cambridge, Ohio	Roy W. Waller	247.8	1210	10			
WEBH	Chicago, Ill.	Edgewater Beach Hotel	365.6	820	2000			
WEBJ	New York, N. Y.	Third Avenue Railway Co.	256.3	1170	500			
WEBQ	Harrisburg, Ill.	Tate Radio Co.	223.7	1340	15			
WEBR	Buffalo, N. Y.	H. H. Howell	241.8	1240	200			
WEBW	Beloit, Wis.	Beloit College	258.5	1160	500			

*Daytime Only.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WEDC	Chicago, Ill.	Emil Denemark Broadcasting Station	241.8	1240	500			
WEEI	Boston, Mass.	Edison El. Ill. Co.	365.6	820	500			
WEHS	Evanston, Ill.	A. T. Becker	215.7	1390	100			
WEMC	Berrien Springs, Mich.	Emmanuel Miss. College	483.6	620	1000			
WENR	Chicago, Ill.	Commonwealth Edison Co.	288.3	1040	500			
WEPS	Gloucester, Mass.	Matheson Radio Co., Inc.	296.9	1010	100			
WFVD	Woodhaven, N. Y.	Debs Memorial Fund	245.8	1220	500			
WEW	St. Louis, Mo.	St. Louis University	352.7	850	1000			
WFAA	Dallas, Texas	Dallas News & Dallas Journal	499.7	600	500			
WFAM	St. Cloud, Minn.	Times Publishing Co.	252	1190	10			
WFBC	Knoxville, Tenn.	First Baptist Church	234.2	1280	50			
WFBE	Cincinnati, Ohio	Garfield Place Hotel Co.	245.8	1220	250			
WFBG	Altoona, Pa.	William F. Gable Co.	280.2	1070	100			
WFBJ	Collegeville, Minn.	St. John's University	272.6	1100	100			
WFBL	Syracuse, N. Y.	The Onondaga Co.	258.5	1160	250			
WFBM	Indianapolis, Ind.	Indianapolis Power & Light Co	275.1	1090	250			
WFBR	Baltimore, Md.	5th Inf. Md. Natl. Guard	275.1	1090	100			
†WFBZ	Galesburg, Ill.	Knox College	247.8	1210	50			
WFCI	Pawtucket, R. I.	Frank Crook, Inc.	241.8	1240	50			
WFDF	Flint, Mich.	Frank D. Fallain	272.6	1100	100			
WFI	Philadelphia, Pa.	Strawbridge & Clothier	405.2	740	500			
*WFIW	Hopkinsville, Ky.	The Acme Mills, Inc.	280.2	1070	500			
WFKB	Chicago, Ill.	Francis K. Bridgeman, Inc.	223.7	1340	500			
WFKD	Frankford, Pa.	Foulkrod Radio Eng. Co.	247.8	1210	50			
WGAL	Lancaster, Pa.	Lan. El. Sup. Co.	252	1190	15			
WGBB	Freeport, N. Y.	Harry H. Carman	245.8	1220	400			
WGBC	Memphis, Tenn.	First Baptist Church	277.6	1080	15			
WGBF	Evansville, Ind.	Finke Furniture Co.	236.1	1270	250			
WGBI	Scranton, Pa.	Scranton Broadcasters, Inc.	230.6	1300	250			
WGBS	Astoria, L. I., N. Y.	Gimbel Bros.	348.6	860	500			
WGCP	Newark, N. J.	May Radio Broadcast Corp.	280.2	1070	500			
WGES	Chicago, Ill.	Oak Leaves Broadcasting Corp.	241.8	1240	500			
WGHP	Mt. Clemens, Mich.	George H. Phelps	319	940	750			
‡WGL	Secaucus, N. J.	International Broadcasting Corp.	293.9	1020	500			
WGM	Jeanette, Pa.	Verne & Elton Spencer	208.2	1440	50			
WGMU	New York City.	A. H. Grebe & Co.	201.2	1490	100			
WGN	Chicago, Ill.	The Chicago Tribune	305.9	980	15000			

*1000 Watts Daytime.
†Discontinued until Sept. 21, 1927.
‡1000 Watts 7:00 a. m. to 1:00 p. m.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WGR	Buffalo, N. Y.	Federal Tel. Mfg. Co.	302.8	990	750			
WGST	Atlanta, Ga.	Georgia School of Technology	270.1	1110	500			
WGWB	Milwaukee, Wis.	Radiocast Corp. of Wis.	218.8	1370	500			
WGY	Schenectady, N. Y.	General Electric Co.	379.5	790	30000			
WHA	Madison, Wis.	University of Wisconsin	333.1	900	750			
WHAD	Milwaukee, Wis.	Marquette University	270.1	1110	500			
WHAM	Rochester, N. Y.	Stromberg Carlson Co.	277.6	1080	500			
WHAP	New York, N. Y.	Wm. Taylor Finance Corp.	236.1	1270	1000			
WHAR	Atlantic City, N. J.	F. P. Cooks Sons	272.6	1100	750			
WHAS	Louisville, Ky.	Courier-Journal Times	461.3	650	500			
WHAZ	Troy, N. Y.	Rensselaer Poly. Institute	416.4	720	500			
WHB	Kansas City, Mo.	Sweeney School Co.	336.9	890	500			
WHBA	Oil City, Pa.	C. C. Shaffer	260.7	1150	10			
WHBC	Canton, Ohio	Rev. E. P. Graham	236.1	1270	10			
WHBD	Bellefontaine, Ohio	Chamber of Commerce	222.1	1350	100			
WHBF	Rock Island, Ill.	Beardsley Specialty Co.	222.1	1350	100			
WHBL	Chicago, Ill. (port.)	C. L. Carrell	204	1470	100			
WHBM	Chicago, Ill. (port.)	C. L. Carrell	201.2	1490	100			
WHBN	St. Petersburg, Fla.	1st Ave. Methodist Church	296.9	1010	10			
WHBP	Johnstown, Pa.	Johnstown Auto Co.	228.9	1310	250			
WHBQ	Memphis, Tenn.	WHBQ, Inc.	232.4	1290	100			
WHBU	Anderson, Ind.	Citizens Bank	220.4	1360	15			
WHBW	Philadelphia, Pa.	D. R. Kienzl's	220.4	1360	50			
WHBY	West De Pere, Wis.	St. Norbert's College	249.9	1200	50			
WHDI	Minneapolis, Minn.	Dunwoody Industrial Inst.	245.8	1220	500			
WHEC	Rochester, N. Y.	Hickson Electric Co.	254.1	1180	500			
WHFC	Chicago, Ill.	Triangle Broadcasters	215.7	1390	200			
*WHK	Cleveland, Ohio	The Radio Air Service Corp.	265.3	1130	500			
WHN	New York, N. Y.	George Schubel	394.5	760	500			
WHO	Des Moines, Iowa	Bankers Life Co.	535.4	560	5000			
WHPP	New York City	Bronx Broadcasting Co.	206.8	1450	10			
WHT	Deerfield, Ill.	Radiophone B'c'g Corp.	416.4	720	5000			
WIAD	Philadelphia, Pa.	Howard R. Miller	288.3	1040	100			
WIAS	Burlington, Iowa	Home Electric Co.	322.4	930	100			
WIBA	Madison, Wis.	Capital Times-Strand Theatre	239.9	1250	100			
†WIBG	Elkin's Park, Pa.	St. Paul's Prot. Epis. Church	440.9	680	50			
WIBI	Flushing, N. Y.	Frederick B. Zittell, Jr.	267.7	1120	100			

*1000 Watts Daytime.
†Sundays Daytime Only.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WIBJ	Chicago, Ill. (port.)	C. L. Carrell	201.2	1490	100			
WIBM	Chicago, Ill. (port.)	C. L. Carrell	201.2	1490	100			
WIBO	Chicago, Ill.	WIBO Broadcasters, Inc.	416.4	720	500			
WIBR	Steubenville, Ohio	Thurman A. Owings	249.9	1200	50			
WIBS	Elizabeth, N. J. (portable)	Thomas F. Hunter	204	1470	150			
WIBU	Poynette, Wis.	The Electric Farm	217.3	1380	20			
WIBW	Chicago, Ill.	C. L. Carrell	204	1470	100			
WIBX	Utica, N. Y.	WIBX, Inc.	238	1260	150			
WIBZ	Montgomery, Ala.	A. D. Trum	230.6	1300	15			
WICC	Bridgeport, Conn.	Bridgeport Broadcasting Station	265.3	1130	500			
WIL	St. Louis, Mo.	St. Louis Star and Benson Radio Co.	258.5	1160	250			
WIOD	Miami Beach, Fla.	Carl G. Fisher Co.	247.8	1210	1000			
WIP	Philadelphia, Pa.	Gimbel Bros.	508.2	590	500			
WJAD	Waco, Tex.	Jackson Radio Eng. Labs.	333.1	900	500			
*WJAG	Norfolk, Nebr.	Daily News	258.5	1050	250			
WJAK	Kokomo, Ind.	Kokomo Tribune	234.2	1280	50			
WJAM	Cedar Rapids, Iowa	D. M. Perham	239.9	1250	250			
WJAR	Providence, R. I.	The Outlet Co.	374.8	800	500			
WJAS	Pittsburgh, Pa.	Pitts. Ra. Supply House	270.1	1110	500			
WJAX	Jacksonville, Fla.	City of Jacksonville	336.9	890	1000			
WJAY	Cleveland, Ohio	Cleveland Radio Broad. Corp.	227.1	1320	500			
WJAZ	Mt. Prospect, Ill.	Zenith Radio Corporation	263	1140	5000			
WJBA	Joliet, Ill.	D. H. Lentz, Jr.	322.4	930	50			
WJBB	St. Petersburg. Fla.	Financial Journal	344.6	870	250			
WJBC	La Salle, Ill.	Hummer Furniture Co.	227.1	1320	100			
WJBI	Red Bank, N. J.	Robert S. Johnson	263	1140	250			
WJBK	Ypsilanti, Mich.	Ernest F. Goodwin	220.4	1360	15			
WJBL	Decatur, Ill.	Gushard Dry Goods Co.	212.6	1410	250			
WJBO	New Orleans, La.	Valdemar Jensen	263	1140	100			
WJBT	Chicago, Ill.	John S. Boyd	389.4	770	500			
WJBU	Lewisburg, Pa.	Bucknell University	214.2	1400	100			
WJBW	New Orleans, La.	C. Carlson, Jr.	238	1260	30			
WJBY	Gadsden, Ala.	Electric Construction Co.	234.2	1280	50			
WJBZ	Chicago Heights. Ill.	Roland G. Pamler	208.2	1440	100			
WJJD	Mooseheart, Ill.	Supreme Lodge, L. O. of M.	365.6	820	1000			
WJKS	Gary, Ind.	Johnson Kennedy Radio Corp.	232.4	1290	500			
WJPW	Ashtabula, Ohio	J. P. Wilson	208.2	1440	30			

* 500 Watts Daytime.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WJR	Pontiac, Mich.	Station WJR, Inc., & Detroit Fr. Pr. (combined with WCX)	440.9	680	5000			
WJZ	Bound Brook, N. J.	Radio Corp. of America	454.3	660	30000			
WKAQ	San Juan, P. R.	Radio Corp. of Porto Rico	340.7	880	500			
†WKAR	E. Lansing, Mich.	Mich. State College.	285.5	1050	500			
WKAV	Laconia, N. H.	Laconia Radio Club (port.)	223.7	1340	50			
WKBB	Joliet, Ill.	Sanders Brothers	215.7	1390	150			
WKBC	Birmingham, Ala.	H. L. Ansley	218.8	1370	10			
WKBE	Webster, Mass.	K. & B. Electric Co.	228.9	1310	100			
WKBF	Indianapolis, Ind.	Noble B. Watson	252	1190	250			
WKBG	Chicago, Ill. (port.)	C. L. Carrell	201.2	1490	100			
WKBH	LaCrosse, Wis.	Calloway Music Co.	220.4	1360	500			
WKBI	Chicago, Ill.	Fred L. Schoenwolf	322.4	930	50			
WKBL	Monroe, Mich.	Monrona Radio Mfg. Co.	205.4	1460	15			
WKBN	Youngstown, Ohio	Radio Electric Service Co.	214.2	1400	50			
WKBO	Jersey City, N. J.	Camith Corporation	218.8	1370	500			
WKBP	Battle Creek, Mich.	Battle Creek Enquirer	212.6	1410	50			
WKBQ	New York City	Starlight Amusement Park	218.8	1370	500			
WKBS	Galesburg, Ill.	Permill & Nelson	217.3	1380	100			
WKBT	New Orleans, La.	First Baptist Church	252	1190	50			
WKBV	Brookville, Ind.	Knox Battery & Elec. Co.	217.3	1380	100			
WKBW	Buffalo, N. Y.	Churchill Evangelistic Assn., Inc.	217.3	1380	500			
WKBZ	Ludington, Mich.	Karl L. Ashbacker	199.9	1500	15			
WKDR	Kenosha, Wis.	Edward A. Dato	322.4	930	15			
WKEN	Kenmore, N. Y.	WKEN, Inc.	204	1470	250			
WKJC	Lancaster, Pa.	Kirk Johnson & Co.	252	1190	50			
WKRC	Cincinnati, Ohio	Kodel Radio Corporation	245.8	1220	250			
WKY	Okla. City, Okla.	E. Hull & H. Richard	288.3	1040	150			
WLAC	Nashville, Tenn.	Dad's Auto Acces.	225.4	1330	500			
WLAP	Louisville, Ky.	Va. Ave. Baptist Church	267.7	1120	30			
WLB	Minneapolis, Minn.	University of Minnesota	245.8	1220	500			
WLBC	Muncie, Ind.	D. A. Burton	209.7	1430	50			
WLBF	Kansas City, Mo.	Everett L. Dillard	209.7	1430	50			
WLBG	Petersburg, Va.	R. A. Gamble	214.2	1400	100			
WLBH	Farmingdale, N. Y.	Joseph J. Lombardi	232.4	1290	30			
WLBI	East Wenona, Ill.	Aloysius Yarc	238	1260	250			
WLBL	Stevens Point, Wis.	Wis. Depart. of Markets	333.1	900	1000			
WLBM	Boston, Mass.	Browning Drake Corp.	230.6	1300	50			

†1000 Watts Night-time.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WLBN	La Prairie, Ill. (portable)	Wm. Everett Hiler	204	1470	50			
WLBO	Galesburg, Ill.	Frederick Trebbe, Jr.	217.3	1380	100			
WLBQ	Atwood, Ill.	E. Dale Trout	202.6	1480	25			
WLBR	Rockford, Ill.	Rockford Brdg. Co.	322.4	930	15			
WLBT	Crown Point, Ind.	Harold Wendell	322.4	930	50			
WLBV	Mansfield, Ohio	John Weimer & D. A. Snick	206.8	1450	50			
WLBW	Oil City, Pa.	Petroleum Telephone Co.	293.9	1020	500			
WLBX	Long Island City, N. Y.	John N. Brahy	204	1470	250			
WLBY	Iron Mountain, Mich.	Aimone Electric Co.	209.7	1430	50			
WLBZ	Dover-Foxcroft, Me.	Thompson K. Guernsey	208.2	1440	250			
WLCI	Ithaca, N. Y.	Lutheran Assn. of Ithaca	247.8	1210	50			
WLEX	Lexington, Mass.	J. Smith Dodge	215.7	1390	5			
WLIB	Elgin, Ill.	Liberty Magazine	305.9	980	500			
WLIT	Philadelphia, Pa.	Lit Brothers	405.2	740	500			
WLS	Crete, Ill.	Sears, Roebuck & Co.	344.6	870	5000			
WLSI	Cranston, R. I.	Dutee W. Flint	384.4	780	500			
WLTS	Chicago, Ill.	Lane Technical High School	483.6	620	100			
WLW	Harrison, Ohio	Crosley Radio Corporation	428.3	700	5000			
WLWL	New York, N. Y.	Paulist Fathers	370.2	810	1000			
WMAC	Cazenovia, N. Y.	Clive B. Meredith	225.4	1330	500			
WMAF	S. Dartmouth, Mass.	Round Hills Radio Corp.	428.3	700	500			
WMAK	Lockport, N. Y.	Norton Laboratories	545.1	550	750			
WMAL	Washington, D. C.	M. A. Leese Co.	241.8	1240	250			
WMAN	Columbus, Ohio	Heskett Radio Station	234.2	1280	50			
WMAQ	Chicago, Ill.	The Chicago Daily News	447.5	670	1000			
WMAY	St. Louis, Mo.	Kingshighway Presby. Ch.	247.8	1210	100			
WMAZ	Macon, Ga.	Mercer University	270.1	1110	500			
WMBA	Newport, R. I. (portable)	LeRoy Joseph Beebe	204	1470	100			
WMBB	Chicago, Ill.	Amer. Bond & Mtg. Co.	252	1190	500			
WMBC	Detroit, Mich.	Mich. Broadcasting Co.	243.8	1230	100			
WMBD	Peoria Heights, Ill.	Peoria Heights Radio Lab.	205.4	1460	250			
WMBE	St. Paul, Minn.	Dr. C. S. Stevens	220.2	1360	10			
WMBF	Miami Beach, Fla.	Fleetwood Hotel Corp.	384.4	780	500			
WMBG	Richmond, Va.	Havens & Martin	206.8	1450	15			
WMBH	Joplin, Mo.	Edwin D. Aber	204	1470	100			
WMBI	Chicago, Ill.	Moody Bible Inst.	263	1140	500			
WMBJ	Monessen, Pa.	Wm. Roy McShaffrey	232.4	1290	50			

Call Signal	LOCATION	NAME	Wave Length	Kilocycles	Power (Watts)	LOG		
WMBL	Lakeland, Fla.	Benford Radio Studios	228.9	1310	50			
WMBM	Memphis, Tenn.	Seventh Day Adventist Ch.	209.7	1430	10			
WMBO	Auburn, N. Y.	Radio Service Laboratories	220.4	1360	100			
WMBQ	Brooklyn, N. Y.	Paul J. Gollhofer	204	1470	100			
WMBR	Tampa, Fla.	Premier Electric Co.	252	1190	100			
WMBS	Harrisburg, Pa.	Mack's Battery Co.	234.2	1280	250			
WMBW	Youngstown, Ohio	Youngstown Broadcasting Co.	214.2	1400	50			
WMC	Memphis, Tenn.	Commercial Appeal	516.9	580	500			
WMCA	New York City	Greeley Square Hotel Co.	370.2	810	500			
WMES	Boston, Mass.	Mass. Educational Society	211.1	1420	100			
WMPC	Lapeer, Mich.	1st Meth. Prot. Church	234.2	1280	30			
WMRJ	Jamaica, N. Y.	Peter J. Prinz	206.8	1450	10			
WMSG	New York, N. Y.	Madison Sq. Garden Broadcasting Co.	236.1	1270	500			
WNAC	Boston, Mass.	Shepard Stores	461.3	650	500			
WNAD	Norman, Okla.	University of Oklahoma	239.9	1250	500			
WNAL	Omaha, Nebr.	R. J. Rockwell	258.5	1160	250			
WNAT	Philadelphia, Pa.	Lennig Bros. Co.	288.3	1040	100			
WNAX	Yankton, S. D.	Dak. Radio Apparatus Co.	302.8	990	250			
WNBA	Forest Park, Ill.	M. T. Rafferty	208.2	1440	200			
WNBF	Endicott, N. Y.	Howitt-Wood Radio Co.	206.8	1450	50			
WNBH	New Bedford, Mass.	Mew Bedford Hotel	260.7	1150	250			
WNBJ	Knoxville, Tenn.	Lonsdale Baptist Church	206.8	1450	50			
WNBL	Bloomington, Ill.	Harvey R. Storm	199.9	1500	15			
WNBO	Washington, Pa.	John Browlee Spriggs	211.1	1420	15			
WNBQ	Rochester, N. Y.	Gordon P. Brown	202.6	1480	15			
WNBR	Memphis, Tenn.	Popular Radio Shop	228.9	1310	20			
WNBX	Springfield, Vt.	First Cong. Church	241.8	1240	10			
WNJ	Newark, N. J.	Herman Lubinsky	280.2	1070	500			
WNOX	Knoxville, Tenn.	Peoples Tel. & Tel. Co.	265.3	1130	1000			
WNRC	Greensboro, N. C.	Wayne M. Nelson	223.7	1340	500			
WNYC	New York, N. Y.	Dept. of Plant & Structures	535.4	560	500			
WOAI	San Antonio, Tex.	Southern Equipment Co.	319	940	5000			
WOAN	Lawrenceberg, Tenn.	James D. Vaughn	285.5	1050	250			
WOAX	Trenton, N. J.	Franklyn J. Wolff	239.9	1250	500			
WOBR	Shelby, Ohio (Portable)	Harl Smith	204	1479	10			
WOBT	Union City, Tenn.	Tittsworth's Radio and Music Shop	205.4	1460	15			
WOC	Davenport, Iowa	Palmer Sch. of Chiroprac.	374.8	800	5000			

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)
WOCL	Jamestown, N. Y.	A. E. Newton	223.7	1340	25
WODA	Paterson, N. J.	O'Dea Temple of Music	293.9	1020	1000
†WOI	Ames, Iowa	Iowa State College	265.3	1130	2500
WOK	Homewood, Ill.	Neutrowound Ra. Mfg. Co.	252	1190	5000
WOKO	Peekskill, N. Y.	Harold E. Smith	215.7	1390	250
WOKT	Rochester, N. Y.	Titus-Ets. Corp.	209.7	1430	500
WOMT	Manitowoc, Wis.	Mikadow Theatre	222.1	1350	50
WOO	Philadelphia, Pa.	John Wanamaker	508.2	590	500
WOOD	Grand Rapids, Mich.	Walter B. Stiles	260.7	1150	500
‡WOQ	Kansas City, Mo.	Unity Sch. of Christianity	336.9	890	250
WOR	Newark, N. J.	L. Bamberger & Co.	422.3	710	5000
WORD	Batavia, Ill.	Peoples Pulpit Association	275.1	1090	5000
WOS	Jefferson City, Mo.	Mo. State Mktg. Bureau	422.3	710	500
WOW	Omaha, Nebr.	Woodmen of the World	508.2	590	1000
WOWO	Fort Wayne, Ind.	Main Auto Supply Co.	228.9	1310	1000
WPAP	Cliffside, N. J.	(See WQAO)	394.5	760	500
WPCC	Chicago, Ill.	No. Shore Cong. Church	223.7	1340	500
WPCH	New York, N. Y.	Concourse Radio Corp.	309.1	970	500
WPEP	Waukegan, Ill.	Maurice Mayer	215.7	1390	250
WPG	Atlantic City, N. J.	Municipality of A. City	272.6	1100	5000
WPRC	Harrisburg, Pa.	Wilson Prtg. & Radio Co.	209.7	1430	100
WPSC	State College, Pa.	Pennsylvania State College	299.8	1000	5000
WPSW	Philadelphia, Pa.	J. C. Van Horn	202.6	1480	50
WQAA	Parkesburg, Pa.	Horace A. Beale, Jr.	215.7	1390	500
WQAM	Miami, Fla.	Electrical Equipment Co.	322.4	930	750
WQAN	Scranton, Pa.	Scranton Times	230.6	1300	250
WQAO	Cliffside, N. J.	Calvary Baptist Church (combined with WPAP)	394.5	760	500
WQBC	Utica, Miss.	J. R. Jones	215.7	1390	100
WQJ	Chicago, Ill.	Calumet Baking Powder Co. (Operated by The Chicago Daily News)	447.5	670	500

LOG

†5000 Watts Daytime.
‡ 500 Watts Daytime.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WRAF	Laporte, Ind.	The Radio Club, Inc.	208.2	1440	100			
WRAH	Providence, R. I.	Stanley W. Read	199.9	1500	250			
WRAK	Escanaba, Mich.	Economy Light Co.	282.8	1060	50			
**WRAM	Galesburg, Ill.	Lombard College	247.8	1210	50			
WRAV	Yellow Springs, Ohio	Antioch College	340.7	880	100			
WRAW	Reading, Pa.	Ave. Radio & Elec. Shop	238	1260	100			
WRAX	Philadelphia, Pa.	Beracah Church, Inc.	288.3	1040	250			
WRBC	Valparaiso, Ind.	Immanuel Lutheran Church	238	1260	250			
WRC	Washington, D. C.	Radio Corp. of America	468.5	640	500			
WRCO	Raleigh, N. C.	Wynne Radio Co.	217.3	1380	250			
WREC	Memphis, Tenn.	Wooten's Radio & Electric Co.	254.1	1180	50			
WREN	Lawrence, Kans.	Jenny Wren	254.1	1180	750			
WREO	Lansing, Mich.	Reo Motor Car Co.	230.6	1300	500			
WRES	Quincy, Mass.	Harry Leonard Sawyer	217.3	1380	50			
*WRHF	Washington, D. C.	Radio Hospital Fund	319	940	50			
WRHM	Minneapolis, Minn.	Rosedale Hospital	260.7	1150	1000			
WRK	Hamilton, Ohio	Doran and Slade	205.4	1460	100			
†WRM	Urbana, Ill.	University of Illinois	272.6	1100	500			
WRMU	New York, N. Y.	A. H. Grebe & Co.	201.2	1490	100			
WRNY	New York City	Experimenter Publish. Co.	309.1	970	500			
WRPI	Terre Haute, Ind.	Rose Poly. Inst.	208.2	1440	100			
WRR	Dallas, Tex.	City of Dallas	352.7	850	500			
WRRS	Racine, Wis.	Racine Radio Co.	322.4	930	50			
WRSC	Chelsea, Mass.	The Radio Shop	205.4	1460	15			
WRST	Bay Shore, N. Y.	Radiotel Manufacturing Co.	211.1	1420	250			
WRVA	Richmond, Va.	Larus & Bros. Inc.,	254.1	1180	1000			
WSAI	Cincinnati, Ohio	U. S. Playing Card Company	361.2	830	5000			
WSAJ	Grove City, Pa.	Grove City College	223.7	1340	250			
WSAN	Allentown, Pa.	Allen. Call Publishing Co.	222.1	1350	100			
WSAR	Fall River, Mass.	Doughty & Welch Elec. Co.	252	1190	100			
WSAX	Chicago, Ill.	Zenith Radio Corp. (port.)	204	1470	100			
WSAZ	Huntington, W. Va.	McKeller Elec. Co.	241.8	1240	100			
WSB	Atlanta, Ga.	Atlanta Journal	365.9	630	1000			
WSBC	Chicago, Ill.	World Battery Co.	232.4	1290	500			
WSBF	St. Louis, Mo.	Mississippi Broadcasting Co.	440.9	680	250			
WSBT	South Bend, Ind.	South Bend Tribune	238	1260	250			
WSDA	New York, N. Y.	Seventh Day Adventist Ch.	227.1	1320	250			

*Daytime Only. †1000 Watts Daytime.
**Full time till Sept. 21, 1927.

"B" BATTERIES (Vertical)

No. 2158

22½ VOLTS PRICE $2.00

Size—Length, 4⅛"; width, 3⅛"; height, 7".
15 cells.
Weight, 5 pounds.

Brass posts and contacts with insulated nut terminals.

A battery of great current capacity for multi-tube sets and regular heavy duty radio use.

The advantage of this battery is that it will fit inside most receiving cabinets, and a shelf life of over one year.

No. 5308

45 VOLTS PRICE $3.25

Size—Depth, 2½"; width, 4¼"; height, 5⅞".
30 cells.
Weight, 3¼ pounds.

Brass post and contact with insulated nut terminals to give +22½ and +45 volts.

A smaller 45-volt battery of light weight for portable sets and convenient dimensions to combine with the No. 6 "A" battery. Shelf life over eight months.

No. 2308

45 VOLTS PRICE $3.75

Size—Depth, 3⅛"; width, 8⅛"; height, 7".
30 cells.
Weight, 9½ pounds.

Brass posts and contacts with insulated nut terminals to give +22½ and +45 volts.

For radio duty on multi-tube sets. Great current capacity. Occupies minimum table space and fits in most receiving sets. Shelf life over one year.

"B" BATTERIES (Horizontal)

No. 4156

22½ VOLTS PRICE $1.50

Size—Length, 3⅜"; width, 2"; height, 2½".
15 cells.
Weight, 1 pound

Brass post terminals.

Small, light weight battery of moderate current capacity and a shelf life of over six months. Signal Corps type BA-2. Excellent shelf life and light weight make it adaptable for aeroplane, portable and small cabinet sets.

No. 5156

22½ VOLTS PRICE $1.75

Size—Length, 4⅛"; width, 2 5/16"; height, 2¾".
15 cells.
Weight, 1 pound, 9 ounces.

Brass posts, contacts, and nuts at taps to give +6, +18, +19½ and +22½.

Small, moderate weight battery of medium current capacity and a shelf life of over eight months. Is for use in numerous standard console receiving sets.

Can also be used as grid bias or "C" battery where -3, -4½, -16½ or -22½ volts is required.

No. 2156

22½ VOLTS PRICE $2.00

Size—Length, 6⅝"; width, 4"; height, 3".
15 cells.
Weight, 5 pounds.

Brass posts, contacts, and nuts at taps, to give +18 and +22½ volts.

Large block type battery usually referred to as "Navy Type." Especially suited for stationary sets and building up high voltages. Shelf life over one year. Can also be used as grid bias or "C" battery where -4½ or -22½ volts is required.

"B" BATTERIES (Vertical)

No. 10308

45 VOLTS **PRICE $4.75**

Size—Depth, 4¼"; width, 8"; height, 7". 30 cells.

Weight, 14 pounds.

Brass posts and contacts with insulated nut terminals to give +22½ and +45 volts. This "B" battery is used on sets drawing over 20 milliamperes. Shelf life over one year.

No. 21308

45 VOLTS **PRICE $5.00**

Size—Depth, 4½"; width, 8¼"; height, 7⅜". 30 cells.

Weight, 16 pounds.

Brass posts and contacts with insulated nut terminals to give +22½ and +45 volts. For sets drawing over 20 milliamperes. Slightly larger and heavier than any other battery. Newly designed to produce maximum capacity. As its name indicates, it's a Super "B" battery. Shelf life over one year.

"A" BATTERY

No. 6 "A"

1½ volts Price $0.50

Size—Length, 2½"; width, 2½"; height, 6". 1 cell.

Weight, 2 pounds.

Brass binding posts and nuts.

Designed especially for service on filament circuit of dry cell vacuum tubes. Will give much more service than an ordinary No. 6 Ignition battery.

No. 2370

4½ volts Price $0.60

Size—Length, 4"; width, 1⅜"; height, 3". 3 cells.

Weight, 1 pound.

Brass posts, contacts and nuts, to give -1½, -3 and -4½ volts. Large size cells. A popular battery because of its size and taps. Shelf life over one year. Can also be used as an "A" battery on some sets.

"C" BATTERIES

No. 5540

7½ volts Price $0.85

Size—Length, 4"; width, ⅞"; height, 2⅞". 5 cells.

Weight, 9 ounces.

Brass posts, contacts and nuts and one flexible wire terminal to give -1½, -3, -4½, -6 and -7½ volts. For use in special cases where high "C" voltage is necessary. Shelf life over eight months.

No. 5360

4½ volts Price $0.40

Size—Length, 2 7/16"; width, 1/8"; height, 2⅝. 3 cells.

Weight, 4 ounces.

Binding post terminals, which, with small size, make convenient connections possible in the usual set not already provided with a "C" battery. Cells individually insulated, casing waterproofed. Shelf life over eight months.

Special "C" Battery Information

B Batteries Nos. 5156 and 2156 have taps to give -4½ and -22½ volts so they can be used as a "C" battery with power tubes.

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
WSEA	Virginia Beach, Va.	Virginia Beach Broadcasting Co.	218.8	1370	250			
WSIX	Springfield, Tenn.	638 Tire & Vulc. Co.	212.6	1410	150			
WSKC	Bay City, Mich.	World's Star Kntg. Co.	491.5	610	250			
WSM	Nashville, Tenn.	Nat'l. Life & Accident Co.	340.7	880	5000			
WSMB	New Orleans, La.	Saenger Theatres, Inc.	322.4	930	500			
WSOE	Milwaukee, Wis.	Sch. of Engineering of Mil.	270.1	1110	500			
WSOM	New York City	Union Course Laboratories	245.8	1220	500			
WSRO	Hamilton, Ohio	Harry W. Fahrlander	384.4	780	100			
WSSH	Boston, Mass.	Tremont Temple Church	249.9	1200	100			
WSUI	Iowa City, Iowa	State University of Iowa	422.3	710	500			
WSVS	Buffalo, N. Y.	Seneca Vocational School	205.4	1460	50			
WSYR	Syracuse, N. Y.	Clive B. Meredith	225.4	1330	500			
WTAD	Quincy, Ill.	Ill. Stock Medicine Broad. Co.	236.1	1270	250			
WTAG	Worcester, Mass.	Wor. Telegram Pub. Co.	516.9	580	500			
WTAL	Toledo, Ohio	Toledo Broadcasting Co.	280.2	1070	100			
WTAM	Cleveland, Ohio	Willard Storage Battery Co.	399.8	750	3500			
WTAQ	Eau Claire, Wis.	C. S. Van Gordon	254.1	1180	500			
WTAR	Norfolk, Va.	Reliance Electric Co.	275.1	1090	500			
WTAS	Elgin, Ill.	Illinois Broadcasting Corp.	275.1	1090	3500			
WTAW	College Station, Tex.	Agricultural and Mechanical College of Texas	309.1	970	500			
WTAX	Streator, Ill.	Williams Hardware Co.	322.4	930	50			
WTAZ	Lambertville, N. J.	Thomas J. McGuire	220.4	1360	75			
WTHO	Detroit, Mich.	W. J. Thomas Radio Co.	218.8	1370	250			
WTIC	Hartford, Conn.	Travelers Insurance Co.	475.9	630	500			
WTMJ	Milwaukee, Wis.	Milwaukee Journal	293.9	1020	500			
WTRC	Brooklyn, N. Y.	20th Assembly Dist. Reg. Rep. Club, Inc.	204	1470	50			
WTRL	Midland Park, N. J.	Technical Radio Labs.	206.8	1450	15			
WWAC	Ehicago, Ill.	Laurence J. Crowley	232.4	1290	500			
WWJ	Detroit, Mich.	Evening News Assn.	374.8	800	1000			
WWL	New Orleans, La.	Loyola University	275.1	1090	100			
WWNC	Asheville, N. C.	Asheville Chamber of Commerce	296.9	1010	1000			
WWRL	Woodside, N. Y.	W. H. Reuman	267.7	1120	100			
WWVA	Wheeling, W. Va.	John C. Stroebel, Jr.	389.4	770	100			

UNITED STATES BROADCASTING STATIONS

By Location

ALABAMA

AUBURN—WAPI
BIRMINGHAM—WBRC-WKBC
GADSDEN—WJBY
MONTGOMERY—WIBZ

ALASKA

ANCHORAGE—KFQD
JUNEAU—KFIU
KETCHIKAN—KGBU

ARIZONA

FLAGSTAFF—KFXY
PRESCOTT—KPJM
PHOENIX—KFAD-KFCB
TUCSON—KGAR

ARKANSAS

BLYTHEVILLE—KLCN
FAYETTEVILLE—KUOA
HOT SPRINGS—KTHS

CALIFORNIA

AVALON—KFWO
BERKELEY—KRE
BURBANK—KELW
EL CENTRO—KGEN
FRESNO—KMJ
HOLLYWOOD—KFQZ
HOLY CITY—KFQU
INGLEWOOD—KGGM-KMIC
LA CRESCENTA—KGFH
LONG BEACH—KFON-KGER
LOS ANGELES—KFI-KFPR-KFSG-KFWB-KGEF-KGFJ-KHJ-KMTR-KNX-KPLA-KRLO-KTBI
LOWER LAKE—KGEU
OAKLAND—KFUS-KFWM-KGO-KLS-KLX-KTAB-KZM
PASADENA—KPPC-KPSN
SACRAMENTO—KFBK
SAN BERNARDINO—KFWC
SAN DIEGO—KFBC-KFSD
SAN FRANCISCO—KFRC-KFWI-KGTT-KJBS-KPO-KYA
SAN JOSE—KQW
SANTA ANA—KWTC
SANTA BARBARA—KFCR
SANTA MARIA—KSMR
SANTA MONICA—KNRC
STOCKTON—KGDM-KWG
VENICE—KFVD
YUBA CITY—KGFM

COLORADO

COLORADO SPRINGS—KFUM
DENVER—KFEL-KFUP-KFXF-KGEY-KOA-KOW
DUPONT—KLZ
EDGEWATER—KFXJ
FORT MORGAN—KGEW
GREELEY—KFKA
GUNNISON—KFHA
PUEBLO—KGDP
TRINIDAD—KGFL
YUMA—KGEK

CONNECTICUT

DANBURY—WCWS
EASTON—WICC
HARTFORD—WTIC
MANSFIELD—WCAC
NEW HAVEN—WDRC

DELAWARE

WILMINGTON—WDEL

DISTRICT OF COLUMBIA

WASHINGTON—WMAL-WRC-WRHF

FLORIDA

CLEARWATER—WSUN-WFLA
GAINESVILLE—WHBN
JACKSONVILLE—WJAX
LAKELAND—WMBL
MIAMI—WQAM
MIAMI BEACH—WIOD-WMBF
ORLANDO—WDBO
PENSACOLA—WCOA
TAMPA—WDAE-WJBB-WMBR

GEORGIA

ATLANTA—WGST-WSB
MACON—WMAZ
TOCCOA—WTFI

HAWAII

HONOLULU—KGU

IDAHO

BOISE—KFAU
JEROME—KFXD
KELLOGG—KFEY
POCATELLO—KSEI

ILLINOIS

ADDISON—WMBI
ATWOOD—WLBQ
BATAVIA—WORD
BLOOMINGTON—WNBL
CARTHAGE—WCAZ
CHICAGO—KFKX-KYW-WAAF-WBBM-WBBZ-WBCN-WCFL-WCRW-WEBH-WEDC-WENR-WFKB-WGES-WGN-WHBL-WHBM-WHFC-WHT-WIBJ-WIBM-WIBO-WIBW-WJBT-WJJD-WKBG-WKBI-WLIB-WLS-WLTS-WMAQ-WMBB-WMBI-WOK-WORD-WPCC-WQJ-WSAX-WSBC-WTAS-WWAE
CHICAGO HEIGHTS—WJBZ
CRETE—WLS
DECATUR—WBAO-WJBL
DEERFIELD—WHT
ELGIN—WGN-WLIB-WTAS
EVANSTON—WEHS
FOREST PARK—WNBA
GALESBURG—WFBZ-WKBS-WLBO-WRAM
GLENVIEW—WBBM
HARRISBURG—WEBQ
HOMEWOOD—WMBB-WOK
JOLIET—WCLS-WJBA-WKBB
LA PRAIRIE—WLBN
LA SALLE—WJBC
MOOSEHEART—WJJD
MOUNT PROSPECT—WJAZ
PEORIA HEIGHTS—WMBD
QUINCY—WTAD
ROCKFORD—WLBR-KFLV
ROCK ISLAND—WHBF
SPRINGFIELD—WCBS
STREATOR—WTAX
TUSCOLA—WDZ
URBANA—WRM
WAUKEGAN—WPEP
WENONA—WLBI
ZION—WCBD

INDIANA

ANDERSON—WHBU
BROOKVILLE—WKBV
CROWN POINT—WLBT
CULVER—WCMA
EVANSVILLE—WGBF
FORT WAYNE—WCWK-WOWO
GARY—WJKS
INDIANAPOLIS—WFBM-WKBF
KOKOMO—WJAK
LAPORTE—WRAF
MUNCIE—WLBC
SOUTH BEND—WSBT
TERRE HAUTE—KGFO-WRPI
VALPARAISO—WRBC
WEST LAFAYETTE—WBAA

IOWA

AMES—WOI
BOONE—KFGQ
BURLINGTON—WIAS
CEDAR RAPIDS—KWCR-WJAM
CLARINDA—KSO
COUNCIL BLUFFS—KOIL
CRESCO—KGDJ
DAVENPORT—WOC
DECORAH—KGCA-KWLC
DES MOINES—WHO
FORT DODGE—KFJY
IOWA CITY—KGFB-WSUI
LE MARS—KWUC

MARSHALLTOWN—KFJB
MUSCATINE—KPNP-KTNT
OSKALOOSA—KFHL
RED OAK—KICK
SHENANDOAH—KFNF-KMA
SIOUX CITY—KFMR-KSCJ

KANSAS

CONCORDIA—KGCN
INDEPENDENCE—KFVG
LAWRENCE—KFKU-WREN
MANHATTAN—KSAC
MILFORD—KFKB
WICHITA—KFH

KENTUCKY

HOPKINSVILLE—WFIW
LOUISVILLE—WHAS-WLAP

LOUISIANA

CEDAR GROVE—KGGH
NEW ORLEANS—WABZ-WCBE-WJBO-WJBW-WKBT-WSMB-WWL
SHREVEPORT—KFDX-KGDX-KRAC-KSBA-KWKH

MAINE

BANGOR—WABI
DOVER-FOXCROFT—WLBZ
PORTLAND—WCSH

MARYLAND

BALTIMORE—WBAL-WCAO-WCBM-WFBR
TAKOMA PARK—WBES

MASSACHUSETTS

BOSTON—WATT-WBIS-WBZA-WEEI-WMES-WNAC-WSSH
CAMBRIDGE—WLBM
CHELSEA—WRSC
E. SPRINGFIELD—WBZ
FALL RIVER—WSAR
GLOUCESTER—WEPS
LEXINGTON—WLEX
MEDFORD—WBET
NEW BEDFORD—WNBH
QUINCY—WRES
S. DARTMOUTH—WMAF
TAUNTON—WAIT
WEBSTER—WKBE
WELLESLEY HILLS—WBSO
WORCESTER—WTAG

MICHIGAN

BATTLE CREEK—WKBP
BAY CITY—WSKC
BERRIEN SPRINGS—WEMC
DETROIT—WAFD-WBMH-WCX-WJR-WMBC-WWJ
EAST LANSING—WKAR
ESCANABA—WRAK
FLINT—WFDF
GRAND RAPIDS—WASH-WOOD
IRON MOUNTAIN—WLBY
LAPEER—WMPC
LUDINGTON—WKBZ
MONROE—WKBL
MT. CLEMENS—WGHP
PETOSKEY—WBBP
PONTIAC—WCX combined with WJR
ROYAL OAK—WAGM
YPSILANTI—WJBK

MINNESOTA

BARRETT—KGDE
COLLEGEVILLE—WEBJ
FRIDLEY—WRHM
HALLOCK—KGFK
MINNEAPOLIS—KFDZ-KGEQ-WAMD-WCCO-WDGY-WHDI-WLB
NORTHFIELD—KFMX-WCAL
ST. CLOUD—WFAM
ST. PAUL—KFOY-WCCO-WMBE
SLAYTON—KGHC

MISSISSIPPI

COLUMBUS—WCOC
UTICA—WQBC

MISSOURI

CAPE GIRARDEAU—KFVS
CARTERVILLE—KFPW
COLUMBIA—KFRU
INDEPENDENCE—KLDS
JEFFERSON CITY—WOS
JOPLIN—WMBH
KANSAS CITY—KWKC-WDAF-WHB-WLBF-WOQ
KIRKSVILLE—KFKZ
ST. JOSEPH—KFEQ-KGBX
ST. LOUIS—KFQA-KFUO-KFVE-KFWF-KMOX-KSD-WEW-WIL-WMAY-WSBF

MONTANA

HARDIN—KGHP
HAVRE—KFBB
KALISPELL—KGEZ
MISSOULA—KUOM
VIDA—KGCX

NEBRASKA

CENTRAL CITY—KGES
CLAY CENTER—KMMJ
COLUMBUS—KGBY
GRAND ISLAND—KGEO
HUMBOLDT—KGDW
LINCOLN—KFAB-KFOR-WCAJ
NORFOLK—WJAG
OMAHA—KFOX-KOCH-WAAW-WNAL-WOW
RAVENNA—KGFW
WAYNE—KGCH
YORK—KGBZ

NEW HAMPSHIRE

LACONIA—WKAV
TILTON—WBRL

NEW JERSEY

ASBURY PK.—WDWM
ATLANTIC CITY—WHAR-WPG
BOUND BROOK—WJZ
CAMDEN—WCAM
CARLSTADT—WHAP
CLIFFSIDE—WCDA-WPAP-WQAO
COYTESVILLE—WRNY
ELIZABETH—WIBS
HOBOKEN—WMCA
JERSEY CITY—WAAT-WKBO
MIDLAND PARK—WTRL
NEWARK—WAAM-WGCP-WNJ-WOR
N. PLAINFIELD—WEAM
PATERSON—WODA
RED BANK—WJBI
TRENTON—WOAX
UNION CITY—WBMS

NEW MEXICO

STATE COLLEGE—KOB

NEW YORK

ASTORIA, L. I.—WGBS
AUBURN—WMBO
BAY SHORE—WRST
BELLMORE—WEAF
BROOKLYN—WARS-WBBC-WBKN-WBRS-WLTH-WMBQ-WPCH-WSDA
BUFFALO—WEBR-WGR-WKBW-WSVS
CANTON—WCAD
CAZENOVIA—WMAC
CONEY ISLAND—WCGU
ENDICOTT—WNBF
FARMINGDALE—WLBH
FLUSHING—WIBI
FREEPORT—WGBB
ITHACA—WLCI
JAMAICA—WMRJ
JAMESTOWN—WOCL
KENMORE—WKEN
LOCKPORT—WMAK
LONG ISLAND CITY—WLBX
NEW YORK—WBNY-WEAF-WEBJ-WGL-WGMU-WHN-WHPP-WKBQ-WLWL-WMSG-WNYC-WRMU-WRNY
PEEKSKILL—WOKO
RICHMOND HILLS—WABC-WBOQ
ROCHESTER—WABO-WHAM-WHEC-WNBQ-WOKT
ROSSVILLE—WBBR
SCHENECTADY—WGY
SYRACUSE—WFBL-WSYR
TROY—WHAZ
UTICA—WIBX
WOODHAVEN—WEVD
WOODSIDE—WWRL

NORTH CAROLINA

ASHEVILLE—WWNC
CHARLOTTE—WBT
GREENSBORO—WNRC
RALEIGH—WRCO

NORTH DAKOTA

ANETA—KGFN
BISMARCK—KFYR
DEVIL'S LAKE—KDLR
FARGO—WDAY
GRAND FORKS—KFJM
MANDAN—KGCU

OHIO

AKRON—WADC
ASHLAND—WLBP
ASHTABULA—WJPW
BELLEFONTAINE—WHBD
CAMBRIDGE—WEBE
CANTON—WHBC
CINCINNATI—WAAD-WFBE-WKRC-WSAI
CLEVELAND—WEAR-WHK-WJAY-WTAM
COLUMBUS—WAIU-WCAH-WEAO-WMAN
DAYTON—WSMK
HAMILTON—WRK-WSRO
HARRISON—WLW
MANSFIELD—WLBV
SHELBY—WOBR
SPRINGFIELD—WCSO
STEUBENVILLE—WIBR
TOLEDO—WTAL
WOOSTER—WABW
YOUNGSTOWN—WKBN-WNBW

OKLAHOMA

ALVA—KGFF
BRISTOW—KVOO
CHICKASHA—KOCW
NORMAN—WNAD
OKLAHOMA CITY—KFJF-KFXR-KGCB-KGFG-WKY
PICHER—KGGF

OREGON

ASTORIA—KFJI
CORVALLIS—KOAC
EUGENE—KGEH
MEDFORD—KMED
PORTLAND—KEX-KFEC-KFIF-KFJR-KGW-KLIT-KOIN-KTBR-KWBS-KWJJ-KXL

PENNSYLVANIA

ALLENTOWN—WCBA-WSAN
ALTOONA—WFBG
EAST PITTSBURGH—KDKA
ELKINS PARK—WIBG
FRANKFORD—WFKD
GROVE CITY—WSAJ
HARRISBURG—WBAK-WPRC
JEANETTE—WGM
JOHNSTOWN—WHBP
KINGSTON—WABF
LANCASTER—WGAL-WKJC
LEMOYNE—WMBS
LEWISBURG—WJBU
MONESSEN—WMBJ
OIL CITY—WHBA-WLBW
PARKSBURG—WQAA
PHILADELPHIA—WABQ-WABY-WCAU-WFI-WHBW-WIAD-WIP-WLIT-WNAT-WOO-WPSW-WRAX
PITTSBURGH—KQV-WCAE-WJAS
READING—WRAW
SCRANTON—WGBI-WQAN
STATE COLLEGE—WPSC
WASHINGTON—WNBO
WILKES-BARRE—WBAX-WBRE
WILLOW GROVE—WALK

PORTO RICO

SAN JUAN—WKAQ

RHODE ISLAND

CRANSTON—WDWF-WLSI
NEWPORT—WMBA
PAWTUCKET—WFCI
PROVIDENCE—WCBR-WCOT-WEAN-WJAR-WRAH

SOUTH CAROLINA

CHARLESTON—WBBY

SOUTH DAKOTA

BROOKINGS—KFDY-KGCR
DELL RAPIDS—KGDA
MITCHELL—KGFP
OLDHAM—KGDY
PIERRE—KGFX
RAPID CITY—WCAT
SIOUX FALLS—KSOO
VERMILLION—KUSD
YANKTON—WNAX

TENNESSEE

CHATTANOOGA—WDOD
KNOXVILLE—WFBC-WNBJ-WNOX
LAWRENCEBURG—WOAN
MEMPHIS—WGBC-WHBQ-WMBM-WMC-WNBR-WREC
NASHVILLE—WBAW-WDAD-WLAC-WSM
SPRINGFIELD—WSIX
UNION CITY—WOBT

TEXAS

AUSTIN—KUT
AMARILLO—KGRS-WDAG
BEAUMONT—KFDM
BRECKENRIDGE—KFYO
BROWNSVILLE—KWWG
COLLEGE STATION—WTAW
DALLAS—KRLD-WFAA-WRR
DUBLIN—KFPL
EL PASO—WDAH
FORT WORTH—KFJZ-KFQB-WBAP
GALVESTON—KFLX-KFUL
GREENVILLE—KFPM
HARLINGEN—KHMC
HOUSTON—KFVI-KPRC-KTUE
SAN ANGELO—KGFI
SAN ANTONIO—KGCI-KGDR-KGRC-KTAP-KTSA-WOAI
WACO—WJAD

UTAH

OGDEN—KFUR
SALT LAKE CITY—KDYL-KFUT-KSL

VERMONT

BURLINGTON—WCAX
SPRINGFIELD—WNBX

VIRGINIA

MOUNT VERNON HILLS—WTFF
NORFOLK—WBBW-WRCV-WTAR
PETERSBURG—WLBG
RICHMOND—WBBL-WMBG-WRVA-WTAZ
ROANOKE—WDBJ
VIRGINIA BEACH—WSEA

WASHINGTON

ABERDEEN—KXRO
BELLINGHAM—KVOS
EVERETT—KFBL
LACEY—KGY
PULLMAN—KWSC
SEATTLE—KFOA-KFQW-KGBS-KGCL-KJR-KKP-KOMO-KPCB-KRSC-KTW-KUJ-KXA
SPOKANE—KFIO-KFPY-KGA-KHQ
TACOMA—KMO-KVI
WALLA WALLA—KOWW

WEST VIRGINIA

CHARLESTON—WOBU
HUNTINGTON—WSAZ
WHEELING—WWVA

WISCONSIN

APPLETON—WAIZ
BELOIT—WEBW
CAMP LAKE—WCLO
EAU CLAIRE—WTAQ
FOND DU LAC—KFIZ
KENOSHA—WKDR
LA CROSSE—WKBH
MADISON—WHA-WIBA
MANITOWOC—WOMT
MILWAUKEE—WGWB-WHAD-WSOE-WTMJ
POYNETTE—WIBU
RACINE—WRRS
STEVENS POINT—WLBL
SUPERIOR—WEBC
WEST DE PERE—WHBY

WYOMING

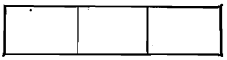
LARAMIE—KFBU

AMERICAN BROADCASTING STATION
INDEX BY FREQUENCIES

545.1 meters—550 kilocycles

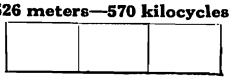
KFKA	Greeley, Colo.
KSD	St. Louis, Mo.
WMAK	Lockport, N. Y.

535.4 meters—560 kilocycles



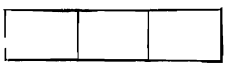
KFBK	Sacramento, Calif.
WCAC	Mansfield, Conn.
WHO	Des Moines, Iowa
WTIC	Hartford, Conn.

526 meters—570 kilocycles



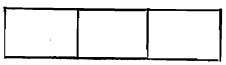
KFKX	Chicago, Ill.
KMTR	Los Angeles, Calif.
KYW	Chicago, Ill.
WNYC	New York City

516.9 meters—580 kilocycles



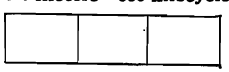
WCAE	Pittsburgh, Pa.
WMC	Memphis, Tenn.
WTAG	Worcester, Mass.

508.2 meters—590 kilocycles



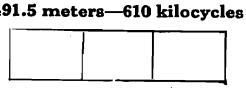
KLX	Oakland, Calif.
WFLA	Clearwater, Fla.
WIP	Philadelphia, Pa.
WOO	Philadelphia, Pa.
WOW	Omaha, Nebr.
WSUN	Clearwater, Fla.

499.7 meters—600 kilocycles



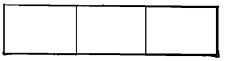
KFUT	Salt Lake City, Utah
WBAP	Fort Worth, Tex.
WBBY	Charleston, S. C.
WFAA	Dallas, Tex.

491.5 meters—610 kilocycles



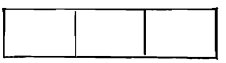
KGW	Portland, Ore.
WEAF	New York, N. Y.

483.6 meters—620 kilocycles



KFDM	Beaumont, Tex.
KUSD	Vermillion, S. D.
WCFL	Chicago, Ill.
WCSH	Portland, Me.
WEMC	Berrien Spgs., Mich.
WLTS	Chicago, Ill.
WTAW	College Station, Tex.

475.9 meters—630 kilocycles



WSB	Atlanta, Ga.
WSUI	Iowa City, Iowa

468.5 meters—640 kilocycles

KFI	Los Angeles, Calif.
WRC	Washington, D. C.

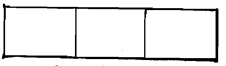
461.3 meters—650 kilocycles

KFNF	Shenandoah, Iowa
KRLD	Dallas, Tex.
KUOM	Missoula, Mont.
WHAS	Louisville, Ky.
WNAC	Boston, Mass.
WRR	Dallas, Tex.

454.3 meters—660 kilocycles

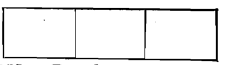
KFRC	San Francisco, Calif.
WJZ	Bound Brook, N. J.

447.5 meters—670 kilocycles



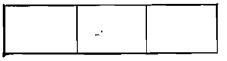
KFOA	Seattle, Wash.
WMAQ	Chicago, Ill.
WQJ	Chicago, Ill.

440.9 meters—680 kilocycles



KFDY	Brookings, S. D.
KFSD	San Diego, Calif.
WAAW	Omaha, Nebr.
WCX	Detroit, Mich.
WIBG	Elkins Park, Pa.
WJR	Pontiac, Mich.

428.3 meters—700 kilocycles



KFBU	Laramie, Wyo.
WLW	Harrison, Ohio
WMAF	S. Dartmouth, Mass.

422.3 meters—710 kilocycles

KPO	San Francisco, Calif.
WOR	Newark, N. J.
WOS	Jefferson City, Mo.

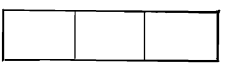
416.4 meters—720 kilocycles

KHJ	Los Angeles, Calif.
WHAZ	Troy, N. Y.
WHT	Chicago, Ill.
WIBO]	Chicago, Ill.

405.2 meters—740 kilocycles

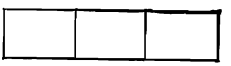
WCCO	Minneapolis, Minn.
WFI	Philadelphia, Pa.
WLIT	Philadelphia, Pa.

399.8 meters—750 kilocycles



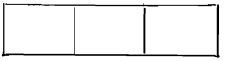
KLX	Denver, Colo.
KLZ	Dupont, Colo.
WEAR	Cleveland, Ohio
WTAM	Cleveland, Ohio

394.5 meters—760 kilocycles



KMA	Shenandoah, Iowa
KOB	State College, N. M.
KTW	Seattle, Wash.
KWKH	Shreveport, La.
KWSC	Pullman, Wash.
WHN	New York City
WPAP	Cliffside, N. J.
WQAO	Cliffside, N. J.

389.4 meters—770 kilocycles

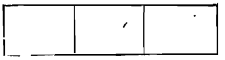


WAAF	Chicago, Ill.
WABI	Bangor, Maine
WBBM	Chicago, Ill
WJBT	Chicago, Ill.

384.4 meters—780 kilocycles

KGO	Oakland, Calif.
KTHS	Hot Springs, Ark.
WBSO	Wellesley Hills, Mass.
WCAO	Baltimore, Md.
WCBM	Baltimore, Md.
WLSI	Cranston, R. I
WMBF	Miami Beach, Fla.
WSRO	Hamilton, Ohio

379.5 meters—790 kilocycles



WCAJ	Lincoln, Nebr.
WGY	Schenectady, N. Y.

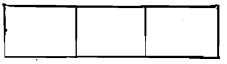
374.8 meters—800 kilocycles

KNRC	Santa Monica, Calif.
WJAR	Providence, R. I.
WOC	Davenport, Iowa

370.2 meters—810 kilocycles

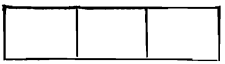
KHQ	Spokane, Wash.
WDAF	Kansas City, Mo.
WLWL	New York City
WMCA	Hoboken, N. J.

365.6 meters—820 kilocycles



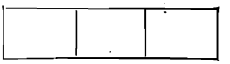
KMJ	Fresno, Calif.
WEBH	Chicago, Ill.
WEEI	Boston, Mass.
WJJD	Mooseheart, Ill.

361.2 meters—830 kilocycles



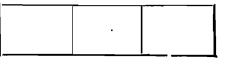
KFWB	Los Angeles, Calif.
WDAY	Fargo, N. D.
WSAI	Cincinnati, Ohio

352.7 meters—850 kilocycles



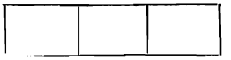
KWTC	Santa Ana, Calif.
WEW	St. Louis, Mo.
WWJ	Detroit, Mich.

348.6 meters—860 kilocycles



KJR	Seattle, Wash.
KVOO	Bristow, Okla.
KXA	Seattle, Wash.
WAAM	Newark, N. J.
WGBS	Astoria, L. I.

344.6 meters—870 kilocycles



KFQD	Anchorage, Alaska
KWG	Stockton, Calif.
WCBD	Zion, Ill.
WJBB	Tampa, Fla.
WLS	Chicago, Ill.

340.7 meters—880 kilocycles

WCAZ	Carthage, Ill.
WKAQ	San Juan, Porto Rico
WSM	Nashville, Tenn.

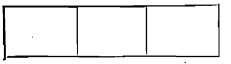
336.9 meters—890 kilocycles

KNX	Los Angeles, Calif.
WHB	Kansas City, Mo.
WJAX	Jacksonville, Fla.
WOQ	Kansas City, Mo.
WWVA	Wheeling, W. Va.

333.1 meters—900 kilocycles

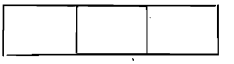
KFJM	Grand Forks, N. D.
KFQB	Fort Worth, Tex.
KSAC	Manhattan, Kan.
KSEI	Pocatello, Idaho
WBZ	E. Springfield, Mass.
WBZA	Boston, Mass.
WHA	Madison, Wis.
WJAD	Waco, Tex.
WLBL	Stevens Point, Wis.

325.9 meters—920 kilocycles



KOA	Denver, Colo.
WABC	Richmond Hills, N. Y.
WAPI	Auburn, Ala.
WBOQ	Richmond Hills, N. Y.

322.4 meters—930 kilocycles

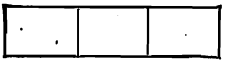


KICK	Red Oak, Iowa
WIAS	Burlington, Iowa
WJBA	Joliet, Ill.
WKBI	Chicago, Ill.
WKDR	Kenosha, Wis.
WLBR	Rockford, Ill.
WLBT	Crown Point, Ind.
WQAM	Miami, Fla.
WRHF	Washington, D. C.
WRRS	Racine, Wis.
WSMB	New Orleans, La.
WTAX	Streator, Ill.

319 meters—940 kilocycles

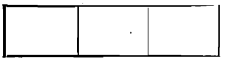
KOIN	Portland, Ore.
WEAN	Providence, R. I.
WGHP	Mt. Clemens, Mich.
WOAI	San Antonio, Tex.

315.6 meters—950 kilocycles



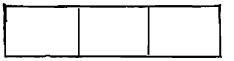
KDKA	E. Pittsburgh, Pa.
KPSN	Pasadena, Calif.

309.1 meters—970 kilocycles



KFAB	Lincoln, Nebr.
KYA	San Francisco, Calif.
WPCH	Brooklyn, N. Y.
WRNY	Coytesville, N. J.

305.9 meters—980 kilocycles

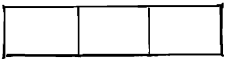


KOMO	Seattle, Wash.
WGN	Chicago, Ill.
WLIB	Chicago, Ill.

302.8 meters—990 kilocycles

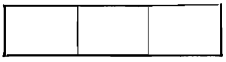
KSL	Salt Lake City, Utah
WBIS	Boston, Mass.
WGR	Buffalo, N. Y.
WNAX	Yankton, S. D.

299.8 meters—1000 kilocycles



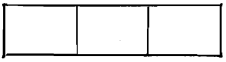
KFWO	Avalon, Calif.
KMOX	St. Louis, Mo.
KOWW	Walla Walla, Wash.
WBAK	Harrisburg, Pa.
WPSC	State College, Pa.

296.9 meters—1010 kilocycles



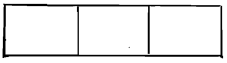
KGFW	Ravenna, Nebr.
KQW	San Jose, Calif.
KUOA	Fayetteville, Ark.
WADC	Akron, Ohio
WDEL	Wilmington, Del.
WEPS	Gloucester, Mass.
WHBN	St. Petersburg, Fla.
WSMK	Dayton, Ohio
WWNC	Asheville, N. C.

293.9 meters—1020 kilocycles



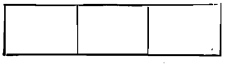
KGCH	Wayne, Nebr.
KGEZ	Kalispell, Mont.
KPRS	Houston, Tex.
WGL	New York City
WLBW	Oil City, Pa.
WODA	Paterson, N. J.
WTMJ	Milwaukee, Wis.

288.3 meters—1040 kilocycles



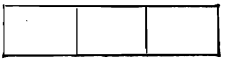
KGBX	St. Joseph, Mo.
KTBI	Los Angeles, Calif.
WBCN	Chicago, Ill.
WBET	Medford, Mass.
WDBO	Orlando, Fla.
WENR	Chicago, Ill.
WIAD	Philadelphia, Pa.
WKY	Oklahoma City, Okla.
WNAT	Philadelphia, Pa.
WSSH	Boston, Mass.

285.5 meters—1050 kilocycles



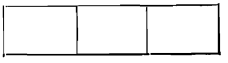
KFAU	Boise, Idaho
KFOY	St. Paul, Minn.
KLCN	Blytheville, Ark.
KMMJ	Clay Center, Nebr.
WBAL	Baltimore, Md.
WJAG	Norfolk, Nebr.
WKAR	E. Lansing, Mich.
WOAN	Lawrenceburg, Tenn.

282.8 meters—1060 kilocycles



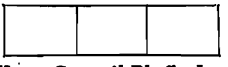
KFJR	Portland, Ore.
KFUM	Colo. Springs, Colo.
KFXF	Denver, Colo.
KTBR	Portland, Ore.
WAIU	Columbus, Ohio
WDRC	New Haven, Conn.
WEAO	Columbus, Ohio
WRAK	Escanaba, Mich.

280.2 meters—1070 kilocycles



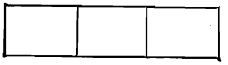
KTAB	Oakland, Calif.
WFBG	Altoona, Pa.
WFIW	Hopkinsville, Ky.
WGCP	Newark, N. J.
WNJ	Newark, N. J.
WTAL	Toledo, Ohio

277.6 meters—1080 kilocycles



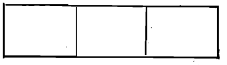
KOIL	Council Bluffs, Iowa
KWWG	Brownsville, Tex.
WDZ	Tuscola, Ill.
WGBC	Memphis, Tenn.
WHAM	Rochester, N. Y.

275.1 meters—1090 kilocycles



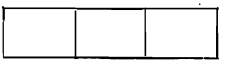
KFBB	Havre, Mont.
KFPL	Dublin, Tex.
KFSG	Los Angeles, Calif.
WDWF	Cranston, R. I.
WFBM	Indianapolis, Ind.
WFBR	Baltimore, M. D.
WORD	Chicago, Ill.
WTAS	Chicago, Ill.
WWL	New Orleans, La.

272.6 meters—1100 kilocycles



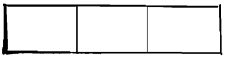
KFAD	Phoenix, Ariz.
KFJF	Oklahoma City, Okla.
KSMR	Santa Maria, Calif.
WBAA	W. Lafayette, Ind.
WFBJ	Collegeville, Minn.
WFDF	Flint, Mich.
WHAR	Atlantic City, N. J.
WPG	Atlantic City, N. J.
WRM	Urbana, Ill.
WSKC	Bay City, Mich.

270.1 meters—1110 kilocycles



KFLX	Galveston, Tex.
KGU	Honolulu, Hawaii
KLDS	Independence, Mo.
KOAC	Corvallis, Ore.
KQV	Pittsburgh, Pa.
WGST	Atlanta, Ga.
WHAD	Milwaukee, Wis.
WJAS	Pittsburgh, Pa.
WMAZ	Macon, Ga.
WSOE	Milwaukee, Wis.

267.7 meters—1120 kilocycles

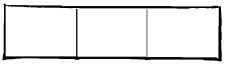


KFIZ	Fond du Lac, Wis.
KFLV	Rockford, Ill.
KFWI	San Francisco, Calif.
KSBA	Shreveport, La.
WAAD	Cincinnati, Ohio
WBAO	Decatur, Ill.
WBKN	Brooklyn, N. Y.
WBMS	Union City, N. J.
WDAE	Tampa, Fla.
WIBI	Flushing, N. Y.
WLAP	Louisville, Ky.
WOBU	Charleston, W. Va.
WWRL	Woodside, N. Y.

265.3 meters—1130 kilocycles

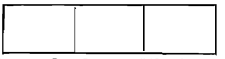
KKP	Seattle, Wash.
KTSA	San Antonio, Tex.
WBES	Takoma Park, Md.
WCWS	Danbury, Conn.
WHK	Cleveland, Ohio
WICC	Easton, Conn.
WNOX	Knoxville, Tenn.
WOI	Ames, Iowa

263 meters—1140 kilocycles



KFPW	Carterville, Mo.
KGEF	Los Angeles, Calif.
KGEK	Yuma, Colo.
KGHP	Hardin, Mont.
WDAG	Amarillo, Tex.
WEAM	N. Plainfield, N. J.
WJAZ	Mt. Prospect, Ill.
WJBI	Red Bank, N. J.
WJBO	New Orleans, La.
WMBI	Chicago, Ill.
WSEA	Virginia Beach, Va.

260.7 meters—1150 kilocycles

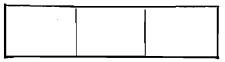


KGA	Spokane, Wash.
WCAU	Philadelphia, Pa.
WDGY	Minneapolis, Minn.
WHBA	Oil City, Pa.
WNBH	New Bedford, Mass.
WOOD	Grand Rapids, Mich.
WRHM	Fridley, Minn.

258.5 meters—1160 kilocycles

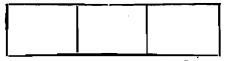
KDYL	Salt Lake City, Utah
KFOX	Omaha, Nebr.
KFUL	Galveston, Tex.
KOCH	Omaha, Nebr.
WBT	Charlotte, N. C.
WCMA	Culver, Ind.
WEBW	Beloit, Wis.
WFBL	Syracuse, N. Y.
WIL	St. Louis, Mo.
WNAL	Omaha, Nebr.
WSBF	St. Louis, Mo.

256.3 meters—1170 kilocycles



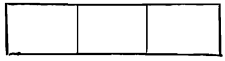
KFUS	Oakland, Calif.
KRE	Berkeley, Calif.
KTNT	Muscatine, Iowa
WASH	Grand Rapids, Mich.
WBBR	Rossville, N. Y.
WCSO	Springfield, Ohio
WEBJ	New York City
WLTH	Brooklyn, N. Y.

254.1 meters—1180 kilocycles



KFHA	Gunnison, Colo.
KFKU	Lawrence, Kan.
KGDA	Dell Rapids, S. D.
KGFX	Pierre, S. D.
KMO	Takoma, Wash.
WABO	Rochester, N. Y.
WCAX	Burlington, Vt.
WHEC	Rochester, N. Y.
WREC	Memphis, Tenn.
WREN	Lawrence, Kan.
WRVA	Richmond, Va.
WTAQ	Eau Claire, Wis.

252 meters—1190 kilocycles



KOCW	Chickasha, Okla.
KPLA	Los Angeles, Calif.
WFAM	St. Cloud, Minn.
WGAL	Lancester, Pa.
WKBF	Indianapolis, Ind.
WKBT	New Orleans, La.
WKJC	Lancaster, Pa.
WMBB	Chicago, Ill.
WMBR	Tampa, Fla.
WOK	Chicago, Ill.
WSAR	Fall River, Mass.

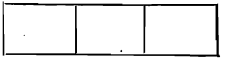
249.9 meters—1200 kilocycles

KFJI	Astoria, Ore.
KFJZ	Fort Worth, Tex.
KFQU	Holy City, Calif.
KFRU	Columbia, Mo.
KFYR	Bismarck, N. D.
KMED	Medford, Ore.
WBAX	Wilkes-Barre, Pa.
WBRE	Wilkes-Barre, Pa.
WCOA	Pensacola, Fla.
WHBY	West de Pere, Wis.
WIBR	Steubenville, Ohio
WSSH	Boston, Mass.

247.8 meters—1210 kilocycles

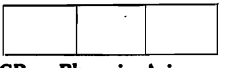
KFBC	San Diego, Calif.
KFEL	Denver, Colo.
KFJB	Marshalltown, Iowa
KFQA	St. Louis, Mo.
KGCA	Decorah, Iowa
KOW	Denver, Colo.
KWLC	Decorah, Iowa
WABW	Wooster, Ohio
WABY	Philadelphia, Pa.
WABZ	New Orleans, La.
WBAW	Nashville, Tenn.
WBBL	Richmond, Va.
WCAT	Rapid City, S. D.
WEBE	Cambridge, Ohio
WFBZ	Galesburg, Ill.
WFKD	Frankford, Pa.
WIOD	Miami Beach, Fla.
WLCI	Ithaca, N. Y.
WMAY	St. Louis, Mo.
WRAM	Galesburg, Ill.

245.8 meters—1220 kilocycles



KFH	Wichita, Kan.
KFIO	Spokane, Wash.
KFPY	Spokane, Wash.
KLS	Oakland, Calif.
KZM	Oakland, Calif.
WAAT	Jersey City, N. J.
WDOD	Chattanooga, Tenn.
WEVD	Woodhaven, N. Y.
WFBE	Cincinnati, Ohio
WGBB	Freeport, N. Y.
WHDI	Minneapolis, Minn.
WKRC	Cincinnati, Ohio
WLB	Minneapolis, Minn.

243.8 meters—1230 kilocycles

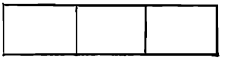


KFCB	Phoenix, Ariz.
KGCX	Vida, Mont.
KGRS	Amarillo, Tex.
KGY	Lacey, Wash.
KSCJ	Sioux City, Iowa
KWUC	LeMars, Iowa
WBRC	Birmingham, Ala.
WCAD	Canton, N. Y.
WMBC	Detroit, Mich.

241.8 meters—1240 kilocycles

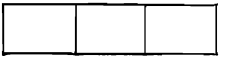
KFKB	Milford, Kan.
KFON	Long Beach, Calif.
WEBC	Superior, Wis.
WEBR	Buffalo, N. Y.
WEDC	Chicago, Ill.
WFCI	Pawtucket, R. I.
WGES	Chicago, Ill.
WMAL	Washington, D. C.
WNBX	Springfield, Vt.
WSAZ	Huntington, W. Va.

239.9 meters—1250 kilocycles



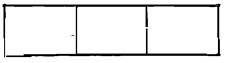
KEX	Portland, Ore.
KGCU	Mandan, N. D.
KWCR	Cedar Rapids, Iowa
WBBP	Petoskey, Mich.
WDWM	Asbury Pk., N. J.
WIBA	Madison, Wis.
WJAM	Cedar Rapids, Iowa
WNAD	Norman, Okla.
WOAX	Trenton, N. J.

238 meters—1260 kilocycles



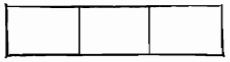
KFVI	Houston, Tex.
WIBX	Utica, N. Y.
WJBW	New Orleans, La.
WLBI	Wenona, Ill.
WRAW	Reading, Pa.
WRBC	Valparaiso, Ind.
WSBT	South Bend, Ind.

236.1 meters—1270 kilocycles



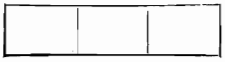
KFDX	Shreveport, La.
KFMX	Northfield, Minn.
KFWM	Oakland, Calif.
KHMC	Harlingen, Tex.
WBBW	Norfolk, Va.
WBNY	New York City
WCAL	Northfield, Minn.
WGBF	Evansville, Ind.
WHAP	Carlstadt, N. J.
WHBC	Canton, Ohio
WMSG	New York City
WTAD	Quincy, Ill.
WTAR	Norfolk, Va.

234.2 meters—1280 kilocycles



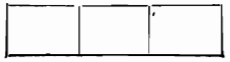
KFUO	St. Louis, Mo.
KFVE	St. Louis, Mo.
KGAR	Tucson, Ariz.
KVI	Tacoma, Wash.
WCAH	Columbus, Ohio
WDAH	El Paso, Tex.
WFBC	Knoxville, Tenn.
WJAK	Kokomo, Ind.
WJBY	Gadsden, Ala.
WMAN	Columbus, Ohio
WMBS	Lemoyne, Pa.
WMPC	Lapeer, Mich.

232.4 meters—1290 kilocycles



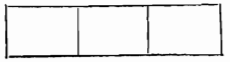
KFEY	Kellogg, Idaho
KFJY	Fort Dodge, Iowa
KFMR	Sioux City, Iowa
KFPR	Los Angeles, Calif.
KFQZ	Hollywood, Calif.
KUT	Austin, Tex.
WBRL	Tilton, N. H.
WHBQ	Memphis, Tenn.
WJKS	Gary, Ind.
WLBH	Farmingdale, N. Y.
WMBJ	Monessen, Pa.
WSBC	Chicago, Ill.

230.6 meters—1300 kilocycles



KDLR	Devil's Lake, N. D.
KFEQ	St. Joseph, Mo.
KFPM	Greenville, Tex.
KGCL	Seattle, Wash.
KPCB	Seattle, Wash.
WAFD	Detroit, Mich.
WCOC	Columbus, Miss.
WDBJ	Roanoke, Va.
WGBI	Scranton, Pa.
WIBZ	Montgomery, Ala.
WLBM	Cambridge, Mass.
WQAN	Scranton, Pa.

228.9 meters—1310 kilocycles

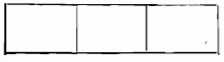


KELW	Burbank, Calif.
KGBU	Ketchikan, Alaska
KPPC	Pasadena, Calif.
KTAP	San Antonio, Tex.
KWJJ	Portland, Ore.
WHBP	Johnstown, Pa.
WKBE	Webster, Mass.
WMBL	Lakeland, Fla.
WNBR	Memphis, Tenn.
WOWO	Fort Wayne, Ind.

227.1 meters—1320 kilocycles

KFUP	Denver, Colo.
KGEU	Lower Lake, Calif.
KSO	Clarinda, Iowa
KXRO	Aberdeen, Wash.
WAIZ	Appleton, Wis.
WARS	Brooklyn, N. Y.
WBBC	Brooklyn, N. Y.
WCBE	New Orleans, La.
WCLO	Camp Lake, Wis.
WJAY	Cleveland, Ohio
WJBC	La Salle, Ill.
WSDA	Brooklyn, N. Y.
WWAE	Chicago, Ill.

225.4 meters—1330 kilocycles

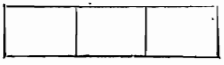


KFIU	Juneau, Alaska
KFKZ	Kirkesville, Mo.
KFUR	Ogden, Utah
KFVG	Independence, Kan.
KGEN	El Centro, Calif.
WAGM	Royal Oak, Mich.
WAMD	Minneapolis, Minn.
WCOT	Providence, R. I.
WDAD	Nashville, Tenn.
WLAC	Nashville, Tenn.
WMAC	Cazenovia, N. Y.
WSYR	Syracuse, N. Y.

223.7 meters—1340 kilocycles

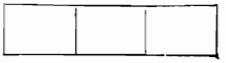
KFBL	Everett, Wash.
KFVS	Cape Girardeau, Mo.
KFXR	Oklahoma City, Okla.
KGDP	Pueblo, Colo.
KGFB	Iowa City, Iowa
KGFH	La Crescenta, Calif.
KGFK	Hallock, Minn.
KMIC	Inglewood, Calif.
WABQ	Philadelphia, Pa.
WCAM	Camden, N. J.
WCRW	Chicago, Ill.
WEBQ	Harrisburg, Ill.
WFKB	Chicago, Ill.
WKAV	Laconia, N. H.
WNRC	Greensboro, N. C.
WOCL	Jamestown, N. Y.
WPCC	Chicago, Ill.
WSAJ	Grove City, Pa.

222.1 meters—1350 kilocycles



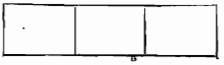
KFWC	San Bernadino, Calif.
KGFL	Trinidad, Colo.
KWKC	Kansas City, Mo.
WCBA	Allentown, Pa.
WHBD	Bellefontaine, Ohio
WHBF	Rock Island, Ill.
WOMT	Manitowoc, Wis.
WSAN	Allentown, Pa.

220.4 meters—1360 kilocycles



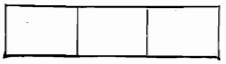
KGCI	San Antonio, Tex.
KGFI	San Angelo, Tex.
KGRC	San Antonio, Tex.
KJBS	San Francisco, Calif.
KRAC	Shreveport, La.
KXL	Portland, Ore.
WHBU	Anderson, Ind.
WHBW	Philadelphia, Pa.
WJBK	Ypsilanti, Mich.
WKBH	La Crosse, Wis.
WMBG	Richmond, Va.
WMBO	Auburn, N. Y.
WTAZ	Richmond, Va.

218.8 meters—1370 kilocycles



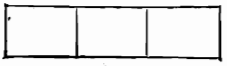
KGEW	Fort Morgan, Colo.
WCGU	Coney Island, N. Y.
WGWB	Milwaukee, Wis.
WKBC	Birmingham, Ala.
WKBO	Jersey City, N. J.
WKBQ	New York City

217.3 meters—1380 kilocycles



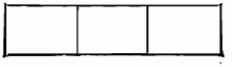
KFOR	Lincoln, Nebr.
KFQW	Seattle, Wash.
KGDM	Stockton, Calif.
WIBU	Poynette, Wis.
WKBS	Galesburg, Ill.
WKBV	Brookville, Ind.
WKBW	Buffalo, N. Y.
WLBO	Galesburg, Ill.
WRCO	Raleigh, N. C.
WRES	Quincy, Mass.

215.7 meters—1390 kilocycles



KFDZ	Minneapolis, Minn.
KFXJ	Edgewater, Colo.
KGCB	Oklahoma City, Okla
KGER	Long Beach, Calif.
KGFG	Oklahoma City, Okla
KRLO	Los Angeles, Calif.
WCLS	Joliet, Ill.
WEHS	Evanston, Ill.
WHFC	Chicago, Ill.
WKBB	Joliet, Ill.
WLEX	Lexington, Mass.
WOKO	Peekskill, N. Y.
WPEP	Waukegan, Ill.
WQAA	Parkesburg, Pa.
WQBC	Utica, Miss.

214.2 meters—1400 kilocycles

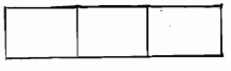


KFEC	Portland, Ore.
KFIF	Portland, Ore.
KFWF	St. Louis, Mo.
KPJM	Prescott, Ariz.
WAIT	Taunton, Mass.
WCWK	Fort Wayne, Ind.
WJBU	Lewisburg, Pa.
WKBN	Youngstown, Ohio
WLBG	Petersburg, Va.
WMBW	Youngstown, Ohio

212.6 meters—1410 kilocycles

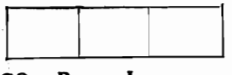
KFHL	Oskaloosa, Iowa
KGBZ	York, Nebr.
KGDX	Shreveport, La.
KGFP	Mitchell, S. D.
KGGH	Cedar Grove, La.
KTUE	Houston, Tex.
WJBL	Decatur, Ill.
WKBP	Battle Creek, Mich.
WRAX	Philadelphia, Pa.
WSIX	Springfield, Tenn.

211.1 meters—1420 kilocycles



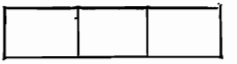
KFCR	Santa Barbara, Calif.
KFYO	Breckenridge, Tex.
KGFM	Yuba City, Calif.
KPNP	Muscatine, Iowa
KRSC	Seattle, Wash.
WBMH	Detroit, Mich.
WBRS	Brooklyn, N. Y.
WCDA	Cliffside, N. J.
WMES	Boston, Mass.
WNBO	Washington, Pa.
WRSC	Chelsea, Mass.
WRST	Bay Shore, N. Y.

209.7 meters—1430 kilocycles



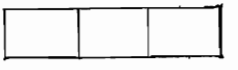
KFGQ	Boone, Iowa
KGHC	Slayton, Minn.
KSOO	Sioux Falls, S. D.
KVOS	Bellingham, Wash.
WCBS	Springfield, Ill.
WLBC	Muncie, Ind.
WLBF	Kansas City, Mo.
WLBY	Iron Mountain, Mich.
WMBM	Memphis, Tenn.
WOKT	Rochester, N. Y.
WPRC	Harrisburg, Pa.
WRCV	Norfolk, Va.
WTFI	Toccoa, Ga.

208.2 meters—1440 kilocycles



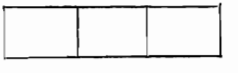
KFVD	Venice, Calif.
KGCN	Concordia, Kan.
KGCR	Brookings, S. D.
KGFJ	Los Angeles, Calif.
WGM	Jeanette, Pa.
WJBZ	Chicago Heights, Ill.
WJPW	Ashtabula, Ohio
WLBZ	Dover-Foxcroft, Me.
WMBE	St. Paul, Minn.
WNBA	Forest Park, Ill.
WRAF	La Porte, Ind.
WRPI	Terre Haute, Ind.

206.8 meters—1450 kilocycles



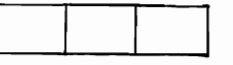
KGDW	Humboldt, Nebr.
KGDY	Oldham, S. D.
KGGF	Picher, Okla.
KGTT	San Francisco, Calif.
KLIT	Portland, Ore.
WHPP	Bronx, N. Y.
WLBV	Mansfield, Ohio
WMRJ	Jamaica, N. Y.
WNBF	Endicott, N. Y.
WNBJ	Knoxville, Tenn.
WTLR	Midland Park, N. J.

205.4 meters—1460 kilocycles



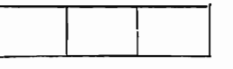
KFXY	Flagstaff, Ariz.
KGDE	Barrett, Minn.
KGEO	Grand Island, Nebr.
KGFF	Alva, Okla.
WABF	Kingston, Pa.
WKBL	Monroe, Mich.
WMBD	Peoria Heights, Ill.
WOBT	Union City, Tenn.
WRK	Hamilton, Ohio
WSVS	Buffalo, N. Y.

204 meters—1470 kilocycles



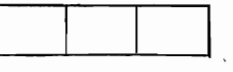
KFXD	Jerome, Idaho
KGES	Central City, Nebr.
KGFO	Terre Haute, Ind.
KGGM	Inglewood, Calif.
WBBZ	Chicago, Ill.
WHBL	Chicago, Ill.
WIBS	Elizabeth, N. J.
WIBW	Chicago, Ill.
WKEN	Kenmore, N. Y.
WLBN	La Prairie, Ill.
WLBX	Long Island City, N. Y.
WMBA	Newport, R. I.
WMBH	Joplin, Mo.
WMBQ	Brooklyn, N. Y.
WOBR	Shelby, Ohio
WSAX	Chicago, Ill.
WTFF	Mt. Vernon Hills, Va.

202.6 meters—1480 kilocycles



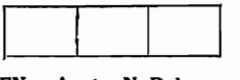
KGBS	Seattle, Wash.
KGBY	Columbus, Nebr.
KGDJ	Cresco, Iowa
KGDR	San Antonio, Tex.
KGEQ	Minneapolis, Minn.
WLBQ	Atwood, Ill.
WNBQ	Rochester, N. Y.
WPSW	Philadelphia, Pa.

201.2 meters—1490 kilocycles



KGEH	Eugene, Ore.
KGEY	Denver, Colo.
WALK	Willow Grove, Pa.
WATT	Boston, Mass.
WCBR	Providence, R. I.
WGMU	New York City
WHBM	Chicago, Ill.
WIBJ	Chicago, Ill.
WIBM	Chicago, Ill.
WKBG	Chicago, Ill.
WRMU	New York City

199.9 meters—1500 kilocycles



KGFN	Aneta, N. Dak.
KUJ	Seattle, Wash.
KWBS	Portland, Ore.
WKBZ	Ludington, Mich.
WNBL	Bloomington, Ill.
WRAH	Providence, R. I.

CANADIAN BROADCASTING STATIONS

Alphabetically by Call Signal

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
CFAC	Calgary, Alta.	The Calgary Herald	434.5	690	500			
CFCA	Toronto, Ont.	Star Pub. & Prtg. Co.	356.9	840	500			
CFCF	Montreal, Que.	Canadian Marconi Co.	410.7	730	1650			
CFCH	Iroquois Falls, Ont.	Abitibi Power & Paper Co., Ltd.	499.7	600	250			
CFCK	Edmonton, Alta.	Radio Supply Co., Ltd.	516.9	580	100			
CFCN	Calgary, Alta.	W. W. Grant Radio Ltd.	434.5	690	1800			
CFCQ	Vancouver, B. C.	Spratt-Shaw Radio Co.	410.7	730	20			
CFCT	Victoria, B. C.	Geo. W. Deaville	329.5	910	500			
CFCY	Charlottetown, P. E. I.	Island Radio Co.	312.3	960	50			
CFDC	Vancouver, B. C.	Western Auto Electric Co.	410.7	730	15			
CFGC	Brandford, Ont.	Brant Radio Supply Co., Ltd.	296.9	1010	50			
CFJC	Kamloops, B. C.	N. S. Dagleish & Sons, and Woller & Weller	267.7	1120	50			
CFLC	Prescott, Ont.	Radio Assn. of Prescott	296.9	1010	50			
CFMC	Kingston, Ont.	Monarch Battery Co.	267.7	1120	20			
CFQC	Saskatoon, Sask.	The Electric Shop, Ltd	329.5	910	500			
CFRC	Kingston, Ont.	Queen's University	267.7	1120	500			
CFYC	Burnaby, B. C.	Radio Corp. of Vancouver	410.7	730	1000			
CHCO	Huntsville, Ont.	A. Staples	247.8	1210	5			
CHCS	Hamilton, Ont.	The Hamilton Spectator	340.7	880	10			
CHCY	Edmonton, Alta.	Int. Bible Students Asso.	516.9	580	150			
CHIC	Toronto, Ont.	Northern Electric Co., Ltd.	356.9	840	500			
CHLC	Summerside, P. E. I.	R. T. Holman, Ltd.	257.7	1120	25			
CHNC	Toronto, Ont.	Toronto Radio Research Society	356.9	840	500			
CHNS	Halifax, N. S.	Halifax Herald and Carleton Hotel	322.4	930	100			
CHPC	Vancouver, B. C.	Central Presbyterian Church	410.7	730	1000			
CHRC	Quebec, Que.		340.7	880	5			
CHUC	Saskatoon, Sask.	Int'l Bible Students Assn.	329.5	910	500			
CHWC	Regina, Sask.		296.9	1010	500			
CHXC	Ottawa, Ont.	J. B. Booth, Jr.	434.5	690	250			
CHYC	Montreal, P. Q.	No. Elec. Co., Ltd.	410.7	730	750			
CJBC	Toronto, Ont.	Jarvis St. Baptist Church	291.1	1030	500			
CJCA	Edmonton, Alta.	Edmonton Journal, Ltd.	516.7	580	500			
CJCF	Kitchener, Ont.	O. Rump	247.8	1210	25			

Call Signal	LOCATION	NAME	Wave Length	Kilo-cycles	Power (Watts)	LOG		
CJCI	Toronto, Ont.	Loyal Order of Moose	291.1	1030				
CJCQ	Kingston, Ont.	Standard Radio Mfg. Co., Ltd.	291.1	30	1000			
CJGC	London, Ont.	Lon. Free Press Prtg. Co.	329.5	910	500			
CJOG	Lethbridge, Alta.	J. E. Palmer	267.7	1120	50			
CJOR	Sea Island, B. C.		291.1	1030	50			
CJRM	Moose Jaw, Sask.	James Richardson & Sons	296.9	1010	50			
CJSC	Toronto, Ont.	The Evening Telegram	356.9	840	500			
CJTC	Calgary, Alta.	Radio Service Repair Shop	434.5	690	250			
CJWC	Saskatoon, Sask.	Wheaton Electric Co., Ltd.	329.5	910	250			
CJYC	Scarboro Sta., Ont.	Universal Radio Co. of Canada, Ltd.	291.1	1030	500			
CKAC	Montreal, P. Q.	LaPresse Pub. Co. Ltd.	410.7	730	1200			
CKCD	Vancouver, B. C.	Vancouver Daily Province	410.7	730	1000			
CKCI	Quebec, Que.	Le "Soleil," Ltd.	340.7	880	22.5			
CKCK	Regina, Sask.	Leader Pub. Co., Ltd.	296.9	1010	500			
CKLC	Toronto, Ont.	The Dom. Battery Co. Ltd.	356.9	840	500			
CKCO	Ottawa, Ont.	Dr. G. M. Geldert	434.5	.690	100			
CKCR	George, Ont.	John Patterson	267.7	1120	25			
CKCV	Quebec, Que.	G. A. Vandry	340.7	880	50			
CKCW	Burketon Jct., Ont.	Canadian Broadcasting Corporation	329.5	910	5000			
CKCX	Toronto, Ont.	Int. Bible Students Assn.	291.1	1030	500			
CKFC	Vancouver, B. C.	First Congregational Ch.	410.7	730	50			
CKMC	Cobalt, Ont.	R. L. MacAdam	247.8	1210	5			
CKNC	Toronto, Ont.	Canadian National Carbon Company Ltd.	356.9	840	500			
CKOC	Hamilton, Ont.	Wentworth Radio Supply Co. Ltd.	340.7	880	50			
CKPC	Preston, Ont.	Wallas Rues	247.8	1210	7½			
CKSH	St. Hyacinthe, Que.	City of St. Hyacinthe	312.3	960	50			
CKY	Winnipeg, Man.	Manitoba Tel. System	384.4	780	500			
CNRA	Moncton, N. B.	Canadian Nat'l Railways	322.4	930	500			
CNRC	Calgary, Alta.	Canadian Nat'l Railways	434.5	690	500 / 750			
CNRE	Edmonton, Alta.	Canadian Nat'l Railways	516.9	580	500			
CNRM	Montreal, P. Q.	Canadian Nat'l Railways	410.7	730	1000 / 1650			
CNRO	Ottawa, Ont.	Canadian Nat'l Railways	434.5	690	500			
CNRR	Regina, Sask.	Canadian Nat'l Railways	312.3	960	500			
CNRS	Saskatoon, Sask.	Canadian Nat'l Railways	329.5	910	500			
CNRT	Toronto, Ont.	Canadian Nat'l Railways	356.9	840	500			
CNRV	Vancouver, B. C.	Canadian Nat'l Railways	291.1	1030	500			
CNRW	Winnipeg, Man.	Canadian Nat'l Railways	384.4	780	500			

DRY CELL BATTERIES IN RADIO

Dry cell batteries are an important part of long distance radio receiving equipment because they are a convenient, economical, and safe source of electrical energy and Burgess Dry Cell Batteries are pre-eminently satisfactory for these purposes.

As is well known, a broadcasting station sends out enormous electrical energy which travels away from the sending antenna at a speed great enough to encircle the earth over seven times in one second. This energy gradually spreads out over an ever increasing circle around the antenna and its strength diminishes rapidly as the distance from the station increases.

With a suitable receiving antenna, either an indoor loop or outside aerial, some of the energy from the sending station can be collected. At distances from the sending station the collected energy is such an infinitesimal quantity that it cannot operate any of the electrical apparatus, such as telephones through which the signals should be heard. If the receiving set can add energy to that obtained from the antenna, it will be possible to operate not only telephones but loud speakers and other devices. Dry cell batteries provide this extra energy, and it is regulated through the receiving set by the sending station energy collected from the antenna.

The throttling or transformation of the battery energy into sound in the headsets, for example, is done by the vacuum tubes in a very involved manner. The "A" or filament battery donates its energy to the set by lighting the filament of the tube and providing a path for the energy from the "B" or plate battery to flow through the tube and to the phones or loud speaker.

For good results through the receiving set, the dry cell batteries must have certain characteristics, for example, a large energy capacity so that they can be used intensively or produce a loud sound, availability to hold their energy and not allow it to leak out even when they are in use, a constancy of delivery of energy so it can be easily and smoothly controlled by the receiving set, a smoothness of discharge into the set to prevent interference with the control.

The energy of a battery is proportional to its voltage and its current. The "A" battery energy is generally provided at a low voltage and a high current. The "B" battery energy, on the other hand, is supplied at a higher voltage and low current; both, however, are necessary in a receiving set. Increasing the "A" battery energy will put more into the set but it will not and cannot replace the "B" battery energy which must also be there in suitable quantity.

Some sets contain several tubes as detectors and amplifiers, but the general conditions above stated always hold true. The several tubes may make it possible to detect smaller antenna energy or obtain a better selection of incoming signals, but to obtain more sound, more energy will always be required, and this means either more batteries or more energy drawn from the batteries.

Dry cell batteries have certain characteristics which should be here mentioned. A dry cell consists of a zinc container filled with active chemicals, in the center of which is a brass-capped carbon rod. The zinc can is the negative (—) pole or electrode and the center carbon is the positive (+) pole or electrode. The voltage of a dry cell is about 1.5 volts when it is not in circuit (open circuit voltage) and it is lower when it is in circuit (closed circuit voltage), depending on the cell resistance and the resistance of the circuit to which it is connected.

"A" BATTERIES

The first vacuum tubes required storage batteries on the "A" or filament circuit because of the large amount of energy required by these tubes. Many tubes are now on the market which operate the entire set on dry cell batteries. The voltage and current requirements of these tubes varies with their type, and information concerning them is furnished with the tube by the manufacturers.

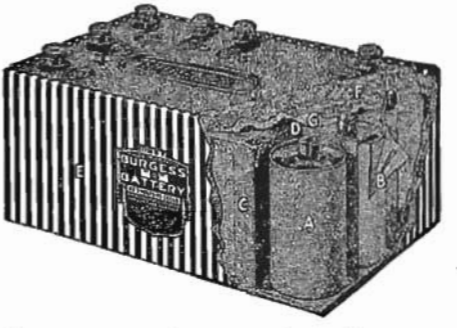
Originally, the ordinary six-inch Ignition Dry Cell was used as an "A" battery with these tubes and with fair success. The Burgess Battery Company, however, as soon as the dry cell vacuum tubes began to appear, saw the need of an improved dry "A" battery. This problem was solved and the Burgess No. 6 Radio "A" Battery is the result.

This battery is especially designed for the "A" circuit of dry cell vacuum tubes and tests have shown that for this purpose it will furnish approximately double the hours of service that will be furnished by an ordinary No. 6 Ignition Cell. Furthermore, after the voltage of this battery has dropped below the tube voltage rating, the battery can be used for ordinary dry cell work.

The unique characteristics of this battery are secured by a special mixture of chemicals, a low resistance lining between the chemicals and the zinc. This battery maintains a high average discharge voltage and currents as high as 0.25 ampere while in service and has but small depreciation or loss of energy when not in use.

"B" BATTERIES

Burgess "B" Batteries are an assembly of small specially designed dry cells soldered together in series to produce the high voltage necessary for the vacuum tube. These batteries have been "the standard of quality in the radio field" since 1917, and the accompanying illustration shows some of the unique construction of these batteries.



"A" is the Burgess one-piece seamless zinc can which requires heavier, more pure and more uniform metal than a soldered can, all of which add to the life of the cell. Also, it prevents any leakage through a weak joint and eliminates voltage differences on the inside of the can, a condition which might cause stray currents and potential differences and results in noisy voltage fluctuations and short-lived battery.

"B" is the moisture-proof wrapper around each cell, one of the ways in which individual insulation is secured.

"C" is a sealing material between cells to provide additional insulation and prevent movement between cells.

"D" is the waterproof partition between cells, another feature in the individual cell insulation and a means of confining internal moisture due to cell discharge within the compartment.

"E" is the heavy waterproof non-metallic insulating material, the first line of defense against moisture getting into the battery. As it is non-conducting, it will not collect stray currents and produce capacity effects between adjacent batteries.

"F" is the heavy triple seal over the top, another factor of safety which adds to the strength of the battery and increases the moisture-proof qualities.

"G" is the webbing between seals, adding to the strength of the top.

The features which cannot be shown in the picture are as good as those enumerated above. They include a special mix or combination of chemicals, the results of much research work, a critical selection of raw materials, the best of manufacturing methods and a most rigid technical control.

All Burgess "B" Batteries embody the same features of construction. There is no difference in the quality of the energy furnished. The largest sizes of batteries give the greatest energy or hours of service. The higher voltage batteries are simply the equivalent of what a radio listener would get by connecting a number of "B" batteries in series. We advise in all cases that single units of 22.5 volts be used in place of the higher voltage units, as this permits a shifting of the various batteries as they become unequally discharged.

"C" BATTERIES

Another type of battery which is coming into more general use is the "C" battery required on some vacuum tubes operating generally as amplifiers. A "C" battery is connected between the filament and the grid to give the grid a different potential or "bias." The requirements of a "C" circuit call for a steady voltage, a low resistance and a long-lived battery, which requirements are amply met in the Burgess "C" Batteries. These batteries are built with the same construction as the Burgess "B" Batteries and have been worked satisfactorily for all "C" use.

RADIO DRY CELL BATTERIES FOR VACUUM TUBES

The tables in the following pages contain data on tubes and batteries obtained from various sources, including test data of the Burgess Battery Company.

For convenience, "B" batteries are classified into three groups according to their weight of 22.5 volt units. Reference in Table IV is to the following:

1 lb. class No. 4156 "B" battery.
2 lb. class No. 5156, 5158, 5308 "B" battery.
5 lb. class No. 2156, 2158, 2306, 2308 "B" battery.
7 lb. class No. 10308 "B" battery.
8 lb. class No. 21308 "B" battery.

TABLE I

Dry Cell "A" Batteries for Various Vacuum Tubes

	CLASSIFICATION OF TUBES WITH RESPECT TO NECESSARY BATTERIES AND TUBE FILAMENT CURRENT		DRY CELL BATTERY TUBES			Storage Battery Tubes
			Low Current	High Current		
VACUUM TUBE CHARACTERISTICS.	Vacuum Tube Style Number		UV-199 C-299 DV-3	WD 11 WD 12	UV-201A C-301A DV-2	UV-200 C-300
	Filament Working Volts		3.0	1.1	5.0	5.0
	Filament Amperes		0.06 (DV-3 0.07) (DV-3A 0.7)	0.25	0.25	1.0
	Rheostat Ohms		30	6	15 to 30	6
	"A" Battery Volts (Filament Battery)		4.5	1.5	6.0	6.0
NUMBER OF BURGESS "A" BATTERIES REQUIRED	Number of Series No. 6 "A" Batteries to provide proper voltage		3	1	4	
	Number of Parallel No. 6 "A" Batteries to provide proper current capacity		1 for every 4 tubes	1 for every 1 tube	1 for every 1 tube	
	Smallest possible number of No. 6 "A" Batteries	for 1 tube	3 Fig.(A)	1 Fig. (C)	4 Fig. (B)	Not
		for 2 tubes	3 Fig.(A)	2 Fig. (D)	8 Fig. (J)	A
		for 3 tubes	3 Fig.(A)	3 Fig. (E)	12 Fig. (K)	Dry
		for 4 tubes	3 Fig.(A)	4 Fig. (F)	16 Fig. (L)	Cell
		for 5 tubes	6 Fig. (I)	5 Fig. (G)	20 Fig. (M)	Battery
		for 6 tubes	6 Fig. (I)	6 Fig.(H)	24 Fig. (N)	Tube.
	Smallest possible number of No. 232 or No. 2370 Batteries in parallel.	for 1 tube	1 Fig. (C)	Not used with these Batteries.		
		for 2 tubes	2 Fig. (D)			
		for 3 tubes	3 Fig. (E)			
		for 4 tubes	4 Fig. (F)			
		for 5 tubes	5 Fig. (G)			
		for 6 tubes	6 Fig.(H)			

TABLE II

Approximate Hours of Service of "A" Batteries

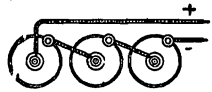
Number of batteries and connections as shown in Table I

	VACUUM TUBE STYLE NUMBER		UV-199 C-299 DV-3 DV-3A		WD-11 WD-12		UV-201 A C-301 A DV-2		UV-200 C-300
		for	Tube Amps.	Hrs.	Tube Amps.	Hrs.	Tube Amps.	Hrs.	
BURGESS BATTERIES	No. 6 "A"	1 tube	0.06	700	0.25	110	0.25	110	Not a Dry Battery Tube
		2 tubes	0.12	300	0.50	110	0.50	110	
		3 tubes	0.18	180	0.75	110	0.75	110	
		4 tubes	0.24	150	1.00	110	1.00	110	
		5 tubes	0.30	240	1.25	110	1.25	110	
		6 tubes	0.36	180	1.50	110	1.50	110	
	No. 232 No. 2370	1 tube	0.06	95	Not used with these Batteries				
		2 tubes	0.12	95					
		3 tubes	0.18	95					
		4 tubes	0.24	95					
		5 tubes	0.30	95					
		6 tubes	0.36	95					

SERIES CONNECTIONS

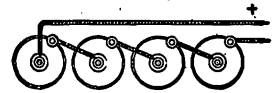
By connecting the (+) of one cell to the (—) of the next adds the voltages but does not affect the current which can be withdrawn.

Fig. (A)



4.5 Volts

Fig. (B)



6.0 Volts

PARALLEL CONNECTIONS

Fig. (C)

Fig. (D)

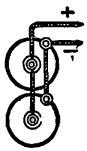


Fig. (E)

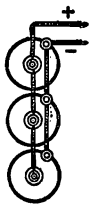


Fig. (F)

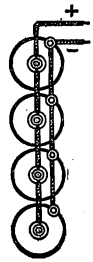


Fig. (G)

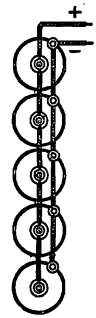
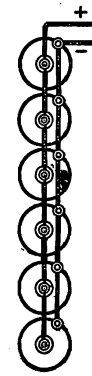


Fig. (H)

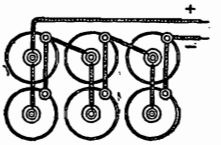


All 1.5 Volt.

By connecting the (+) of one cell to the (+) of the next and the (—) to the (—) has no effect on the voltages but increases the current which can be withdrawn.

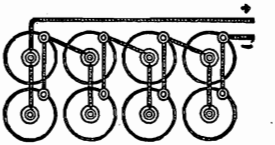
PARALLEL-SERIES CONNECTIONS

Fig. (I)



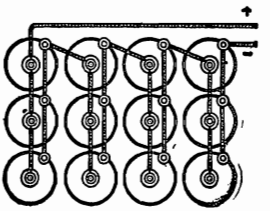
4.5 Volts

Fig. (J)



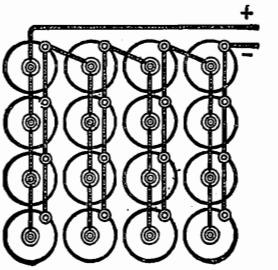
6.0 Volts

Fig. (K)



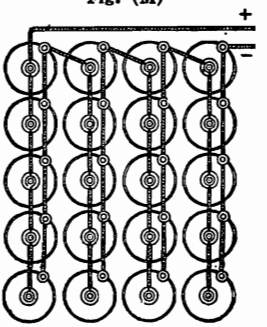
6.0 Volts

Fig. (L)



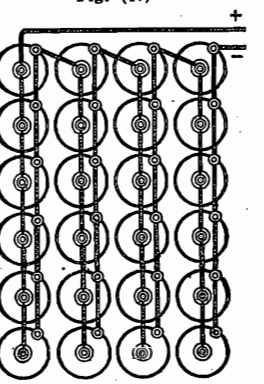
6.0 Volts

Fig. (M)



6.0 Volts

Fig. (N)



6.0 Volts

Parallel-series connections are combinations of parallel and series as indicated above. Table I shows how these connections are used on various tubes.

In determining the current drain for a radio receiver, rough estimates may be obtained by consideration of the average plate current drain of tubes. The only accurate method to determine the current drain is through the use of a milliammeter as discussed below.

Tubes	Av. Plate Voltage	"C" Voltage	Milliamperes Current Drain
UV-199, C-299	19.5	...	0.2
UV-199, C-299	39.0	...	0.9
UV-199, C-299	78	...	3.4
UV-199, C-299	78	3 0	2.2
UV-199, C-299	78	4.5	1.8
UX-201A, CX-301A	19.5	..	0.3
UX-201A, CX-301A	39.0	...	0.9
UX-201A, CX-301A	78	...	3.8
UX-201A, CX-301A	78	3.0	2.0
UX-201A, CX-301A	78	4.5	1.5
UX-200, CX-300A	19.5	.	1.25
UX-200, CX-300A	39		1.75

Power amplifiers are operated at a higher plate voltage and require the use of high "C" voltage batteries. The use of recommended "C" voltages should be adhered to at all times, for not only will improved reception result but also greater economy will be effected.

Tubes	Initial Plate Voltage	"C" Voltage	Milliamperes Current Drain
UX-112, CX-112	90	6	2.4
UX-112, CX-112	135	9	5.3
UX-120, CX-220	90	16.5	3.2
UX-120, CX-220	135	22.5	7.0
UX-171, CX-371	90	16.5	11.0
UX-171, CX-371	135	27.0	16.0

The Burgess No. 5156 is provided with sufficient taps to facilitate its use for high "C" voltages. This battery is marked plainly for "C" battery use. In combination with the Burgess No. 5540 the required high "C" voltages may be obtained.

Use a milliammeter to check the actual current drain of a radio set. It is not possible to accurately determine the current by considering the average drain of the tubes. Always use a milliammeter, for it is possible to adjust the "B" and "C" voltages for improved and economical reception. This meter likewise makes it possible to find and check defective units. When used, the milliammeter should be inserted directly in the circuit under observation.

TABLE IV

Approximate Hours of Service of "B" Batteries

	Current Milliamperes	Class of "B" Battery				
		8 Pound	7 Pound	5 Pound	2 Pound	1 Pound
Average Service Hours at Various Current Drains	2	2400 Hrs.	2400 Hrs.	1800 Hrs.	900 Hrs.	350 Hrs.
	5	2400 Hrs.	2000 Hrs.	1000 Hrs.	300 Hrs.	100 Hrs.
	8	1750 Hrs.	1250 Hrs.	500 Hrs.	140 Hrs.	
	10	1400 Hrs.	1000 Hrs.	400 Hrs.	110 Hrs.	
	15	870 Hrs.	600 Hrs.	230 Hrs.		
	20	600 Hrs.	400 Hrs.	150 Hrs.		
	30	335 Hrs.	215 Hrs.	75 Hrs.		

The Super "B" Battery

has been developed in the same laboratories that developed the first "B" battery. Burgess engineers have been tireless in their efforts to give to the radio fan the "B" battery which best serves his purpose. The Super "B" battery is everything that its name implies.