

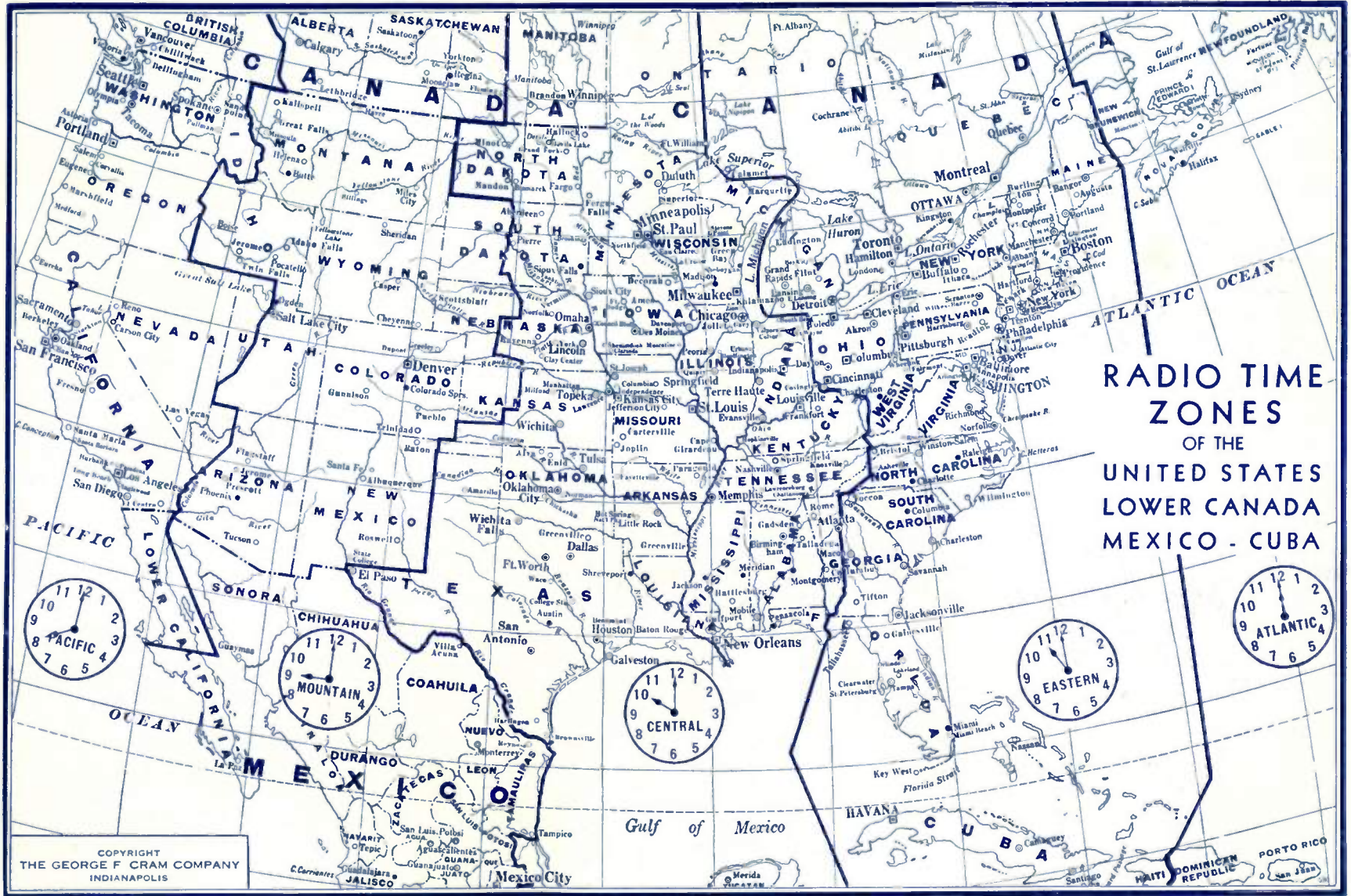
CROSLLEY

ALL WAVE RADIO LOGS MAPS



TABLE OF CONTENTS

	Page		Page
Chain Broadcasting Systems	3	Short Wave Stations of the World	14
United States and Canada (by Kilocycles)	4	Ship Broadcasts	18
Cuba and Mexico	8	United States Radio Time Zones	2
Television Stations	8	Special Feature Reminder	19
Police Calls (Municipal)	9	World Map	12
United States and Canada (by States)	10	Police Calls (State)	9



COPYRIGHT
THE GEORGE F. GRAM COMPANY
INDIANAPOLIS

Key Station
WABC—#60 Kc.
Columbia Broadcasting Co.
Call Letters and Kilocycles

BROADCASTING SYSTEMS

by Kilocycles

Key Stations
WEAF—660 Kc.
WJZ—760 Kc.
National Broadcasting Co.
Call Letters and Kilocycles

Akron, O. WADC 1320
Albany, N.Y. WOKO 1430
Atlanta, Ga. WGST 890
Atlantic City WPG 1100
Austin, Tex. KNOW 1500
Baltimore, Md. WCAO 600
Bangor, Me. WLBZ 620
Binghamton, N. Y.
 WBNF 1500
Birmingham WBRC 930
Boston, Mass. WAAB 1410
 WNAC 1230
Bridgeport, Conn.
 WICC 600
Buffalo, N. Y. WGR 550
 WKBW 1480
Charlotte, N.C. WBT 1080
Chattanooga WDDO 1280
Chicago, Ill. WBBM 770
Cincinnati, O. WKRC 550
Cleveland, O. WHK 1390
Colorado Spgs. KVOR 1270
Columbus, O. WBNS 1430
Dallas, Tex. KRLD 1040
Davenport, Ia. WOC 1370
Dayton, O. WSMK 1380
Denver, Colo. KLZ 560
Des Moines, Ia. KRNT 1320
Detroit, Mich. WJR 750
Durham, N.C. WDNC 1500
Elmira, N. Y. WESG .850
Fairmont, W. Va.
 WMMN 890
Ft. Wayne, W. Va.
 WOWO 1160
 WGL 1370
Greensboro, N.C. WBIG 1440
Harrisburg, Pa. WHP 1430
Hartford WDRG 1330
Houston KTRH 1290
Indianapolis WFBM 1230
Jacksonville, Fla. WMBR 1370
Kansas City, Mo. KMBC 950
Knoxville, Tenn. WNOX 1010
Lincoln, Neb. KFAB 770
Little Rock KLRA 1390
Los Angeles KHJ 900
Louisville WHAS 820
Manchester WFEA 1340
Memphis, Tenn. WREC 600
Miami WQAM 560
Milwaukee WISN 1120
Minneapolis WCCO 810
Mobile, Ala. WALA 1380
Montgomery WSFA 1410
Montreal, Can. CKAC 730
Nashville WLAC 1470
New Orleans WWL 850
New York WAIB 860
Oklahoma City KOMA 1480
Orlando WDIO 580
Pensacola, Fla. WCOA 1340
Peoria, Ill. WMBD 1440
Philadelphia WCAU 1170
Pittsburgh WJAS 1290
Portland, Ore. KOIN 940
Provid., R. I. WEAN 780
Reno, Nev. KOH 1380
Richmond, Va. WMBG 1210
Roanoke, Va. WDHL 930
Rochester WHEC 1430
Sacramento, Cal.
 KFBK 1490
 KMox 1090
Salt Lake City KSL 1130
San Antonio KTSA 550
San Diego KGB 1330
San Francisco KFOK 610
Savannah WTOG 1260
Seattle, Wash. KOL 1270
Shreveport KWKE 850
Sioux City, Ia. KSCJ 1330
South Bend, Ind. WSBT 1360
Spokane, Wash. KFPY 890
Sprgfld, Mass. WMAS 1420
Syracuse, N.Y. WFBL 1360
Tacoma, Wash. KVI 570
Tampa, Fla. WDAE 1220
Toledo, O. WSPD 1340
Topeka, Kan. WIBW 580
Toronto, Can. CFRB 690
Tulsa, Okla. KTUL 1400
Utica, N. Y. WIRX 1200
Waco, Tex. WACO 1420
Washington WJVS 1460
Vhng, W. Va. WVVA 1160
Wichita, Kan. KFH 1300
Wichita, Tx. KGKO 570
Windsor CKLW 1030
Winston-Salem WJSJ 1310
Wrcstr, Mass. WORC 1280
Wankton, S.D. WNAX 670
Youngst'n., O. WKBN 570

COLUMBIA	KILOCYCLES	NATIONAL
KNOW, WDNC	WBNF 1500	
Sacramento	KFBK 1490	
Buffalo WKBW, Okla. Cy.	KOMA 1480	WCKY Covington
Nashville	WLAC 1470	
Washington	WJSV 1460	KGA Spokane
	1450	KSTP St. Paul
Greensboro, WBIG Peoria, WMBD	1440	KTBS Shreveport, WGAR Cleveland
WBNS, WHEC, WHP, WOKO	1430	
Springfield WMAS, Waco. WACO	1420	KECA Los Ang., KSO Des Moines
Boston WAAB, Montgom.	WSFA 1410	
Tulsa	KTUL 1400	KLO .Ogden, WIRE Indianapolis
Little Rk. KLRA, Cleve'd.	WHK 1390	
Dn. WSMK, Mob. WALA, R. KOH	1380	
Dpt. WOC, F.W. WGL, Jk. WMBR	1370	
So. Bend WSBT, Syracuse.	WFBL 1360	
	1350	WCSC Charleston
WCOA, WFEA	WSPD 1340	KWK St. Louis
KGB, KSCJ.	WDRG 1330	KGIR Butte, Mont.
D. Moines, KRNT, Akron	WADC 1320	WSAI Cincinnati
Winston-Salem	WSJS 1310	WSMB N. Ori.
Wichita	KFH 1300	WFBC Greeny., WIOD Miami
Hou. KTRH, Pittsburgh WJAS	1290	KDYL Salt L. C., WEBC Superior
Chat. WDDO, Worcester.	WORC 1280	WIBA Madison
Seattle, KOL, Colo. Spgs.	KVOR 1270	WFBR, WJDX WOOD
Savannah	WTOG 1260	KOIL, C. Bluff, WHIO Dayton
New Orleans	WDSU 1250	
	1240	WXYZ Detroit
WNAC	WFBM 1230	WCAE Pittsb'g, WREN Lawrence
Tampa	WDAE 1220	WSOC Charlotte
Richmond	WMBG 1210	WOAI San Antonio
	1200	KEX Portland
	1190	
Philadelphia	WCAU 1180	
Ft. Wayne, WOWO, Wh'g WVVA	1170	
	1160	WHAM Rochester
	1150	WAPI Birmingham, KVOO Tulsa
	1140	
Salt Lake City	KSL 1130	WRVA Richmond
	1120	
	1110	
Shreveport, KWKH, A. City WPG	1100	
St. Louis	KMOX 1090	
Charlotte, N. C.	WBT 1080	
	1070	
	1060	WTAM Cleveland
	1050	WBAL Baltimore KTMS H. Spgs.
Dallas	KRLD 1040	
Windsor	CKLW 1030	WTIC Hartford
Milwaukee	WISN 1020	
Knoxville	WNOX 1010	KYW Philadelphia
	1000	
	990	WHO Des Moines
	980	WBZ-WBZA Boston
	970	KDKA Pittsburgh
	960	KJR Seattle, WCFL Chicago
Kansas City	KMBC 950	WRC Washington
Portland, KOIN	940	WAVE Ln WCHS Pitt WDAY Po.
Birm'ham WBRC, Roanoke. WDBJ	930	
	920	KOMO, Seat., KPRC Hou., WWJ Dt.
	910	
Los Angeles	KHJ 900	WBEN Buf. WJAX Jack. WKY O. Cy.
KFPY, WGST	WMMN 890	WJAR Providence
	880	
	870	WENR Chicago, WLS Chicago
	860	
New York	WABC 850	CRCT Toronto
KWKH, WESG	WWL 840	KOA Denver
	830	
	820	
Louisville	WHAS 810	
Minneapolis	WCCO 800	WBAP . Ft. Worth, WFAA Dallas
	790	KGQ San Fran., WGY Schenectady
	780	KGHL, WMC, WTAR
	770	
Providence	WEAN 760	WBAL Baltimore, WJZ New York
Lincoln KFAB, Chicago.	WBBM 760	KGU Honolulu
	750	WSB Atlanta
Detroit	WJR 740	
	730	
Montreal	CKAC 720	
	710	
	700	WLW Cincinnati
Toronto	CFRB 690	
	680	KPO SanFranc'o, WPTF Raleigh
	670	WMAQ Chicago
	660	WEAF New York
	650	WSM Nashville
	640	KFI Los Angeles
	630	WMAL Washington
	620	KGW KTAR WFLA WSUN WTMJ
	610	WDAF Kansas City
Bangor	WLBS 600	CFCF, WMT. KFSB
Sacramento, Wiccaco	KFRG 600	KHO Spk, WEEL Bst, WOW Oma
WCAO, Wiccaco, WREC.	WMT 590	WTAG Worcester
	580	WWNC Asheville, WSYP Syracuse
Orlando WDBO, Topeka.	WIBW 570	WIS Columbia, WFIL Phila.
KGKO, KVI, WKBN.	WNAX 560	KFYR Bismarck, KSD St. Louis
Denver KLZ, Miami.	WQAM 560	
S.A. KTSA Buff WGR Cin WKRC	550	
	540	

Asheville, N.C. WWNC 570
Atlanta, Ga. WSB 740
Baltimore WBAL 1060
 WBAL 760
 WFBR 1270
Billings, Mont. KGHL 780
Birmingham WAPI 1140
Bsmrk, N.D. KFYR 550
Boston, Mass WBZ 990
 WBZA 990
 WEEL 590
Buffalo, N.Y. WBNB 900
Butte, Mont. KGR 1340
Cedar Rapids. WMT 600
Charleston, S.C. WSCS 1360
Charlotte, N.C. WSOB 1210
Chicago WCFL 970
 WENR 870
 WLS 870
 WMAQ 870
Cincinnati, O. WLW 700
 WSAI 1330
Clearwater WFLA 620
Cleveland, O. WGAR 1450
 WTAM 1070
Columbia, S.C. WIS 560
Council Bluffs KOIL 1260
Covington, Ky. WCKY 1490
Dallas, Tex. WFAA 800
Dayton, O. WHIO 1260
Denver, Colo. KOA 830
Des Moines WHO 1000
 KSO 1430
Detroit, Mich. WWJ 920
 WXYZ 1240
Duluth, Minn. WEBC 1290
 Fargo, N. D. WDAY 940
Ft. Worth, Tex. WAPF 800
Grand Rapids Wood 1270
Greenville, S.C. WFBC 1300
Hartford, Conn. WTIC 1040
Honolulu, Hawaii KHJ 750
Hot Springs KTMS 1060
Houston, Tex. KPRC 920
Indianapolis WIRE 1400
Jackson, Miss. WJDN 1270
Jacksonville, WJAX 900
Kansas City WDAF 610
Lawrence, Kan. WREN 1220
Los Angeles KECA 1430
 KFI 640
Louisville, Ky. WAVE 940
Madison, Wis. WIBA 1280
Memphis, Tenn. WMC 780
Miami WIOD 1300
Milwaukee WTMJ 620
Minneapolis KSTP 1460
Montreal, Can. CFCF 600
Nashville, Tenn. WSM 650
New Orleans WSMB 1320
New York WEFB 660
 WJZ 760
Norfolk WTAR 780
Ogden, Utah. KLO 1400
Oklahoma City WKY 900
Omaha, Neb. WOW 590
Phoenix, Ariz. KTAR 620
Philadelphia KYW 1020
 WFIL 560
Pittsburgh WCAE 1220
 KDKA 980
Portland, Me. WCSH 140
Portland, Ore. KEX 1180
 KGW 620
Providence, R.I. WJAR 890
Raleigh, N. C. WPTF 680
Richmond, Va. WRVA 1110
Rochester WHAM 1150
St. Louis, Mo. KSD 550
 KWK 1350
St. Paul, Minn. KSTP 1460
St. Petersburg WSUN 620
Salt Lake City KDYL 1290
San Antonio WOAI 1190
San Diego KFSD 600
San Francisco KGO 790
 KPO 680
Schenectady WGY 790
Seattle, Wash. KJR 970
 KOMO 920
Shreveport, La. KTBS 1450
Spokane, Wash. KGA 1470
 KHQ 590
Superior, Wis. WERC 1290
Syracuse, N.Y. WSYP 570
Toronto, Can. CRCT 840
Tulsa, Okla. KVOO 1140
Washington WMAJ 630
 WRC 950
Wrcstr, Mass. WTAG 580

BROADCASTING STATIONS UNITED STATES AND CANADA

NUMERICALLY ARRANGED BY KILOCYCLES

Stations prefixed ★ are synchronized; s, broadcast specified hours. Other prefixes denote stations in each frequency sharing time. Lightface figures in power column indicate daylight power.

Station	Location	Power	Station	Location	Power	Station	Location	Power
1510 kc.			1440 kc.			†CKMO Vancouver, B. C. 100		
198.6 Meters			208.2 Meters			KGNC Amarillo, Tex. 2500-1000		
CFRC	Kingston, Ont.	100	KDFN	Casper, Wyo.	500	sKMED	Medford, Ore.	250
CKCR	Waterloo, Ont.	100	KLS	Oakland, Calif.	250	WAAB	Boston, Mass.	500
1500 kc.			KXYZ			WBCM Bay City, Mich. 500		
199.9 Meters			Houston, Tex. 1000			WHIS Bluefields, W. Va. 1000-500		
KBIX	Muskogee, Okla.	100	WBIG	Greensboro, N. C.	1000-500	WROK	Rockford, Ill.	500
KBST	Big Springs, Texas	100	†WCBA	Allentown, Pa.	500	WSFA	Montgomery, Ala.	1000-500
KDB	Santa Barbara, Calif.	100	WMBD	Peoria, Ill.	1000-500	1400 kc.		
KGFI	Corpus Christi, Tex.	250-100	†WSAN	Allentown, Pa.	500	214.2 Meters		
KGFK	Moorhead, Minn.	100	1430 kc.			KHBC Hilo, Hawaii 250		
sKGBK	Tyler, Tex.	100	209.7 Meters			KLO Ogden, Utah 500		
KGKY	Scottsbluff, Nebr.	250-100	KECA Los Angeles, Calif. 5000-1000			KTUL Tulsa, Okla. 1000-500		
KNEL	Brady, Tex.	100	KGNF North Platte, Nebr. 1000			†WARD Brooklyn, N. Y. 500		
KNOW	Austin, Tex.	100	KSO Des Moines, Ia. 1000-500			†WBBC Brooklyn, N. Y. 500		
KOTN	Pine Bluff, Ark.	100	WBNS Columbus, O. 1000-500			WEGL Brooklyn, N. Y. 500		
KPLC	Lake Charles, La.	100	WHEC Rochester, N. Y. 1000-500			WIRE Indianapolis, Ind. 1000-500		
KPLT	Paris, Texas	100	WHP Harrisburg, Pa. 1000-500			†WLTH Brooklyn, N. Y. 500		
KPQ	Wenatchee, Wash.	250-100	WNBR Memphis, Tenn. 1000-500			†WVFW Brooklyn, N. Y. 500		
KRRN	Roseburg, Ore.	100	WOKO Albany, N. Y. 1000-500			1390 kc.		
KUTA	Salt Lake City, Utah	100	1420 kc.			215.7 Meters		
KVOE	Santa Ana, Calif.	100	211.1 Meters			CJGW Winnipeg, Man. 100		
KXO	El Centro, Calif.	100	KABC San Antonio, Tex. 250-100			KLRA Little Rock, Ark. 2500-1000		
sKXW	Brooklyn, N. Y.	250-100	KABR Aberdeen, S. D. 100			KOOS Marshfield, Ore. 250		
WDNC	Durham, N. C.	100	KALB Alexandria, La. 100			KOY Phoenix, Ariz. 1000-500		
WGAL	Lancaster, Pa.	250-100	†KBPS Portland, Ore. 100			WHK Cleveland, Ohio 2500-1000		
WHBB	Selma, Ala.	100	KCMC Texarkana, Ark. 100			1380 kc.		
WHEF	Kosciusko, Miss.	250-100	KEUB Price, Utah 100			217.3 Meters		
WJBK	Detroit, Mich.	250-100	KFIZ Fond du Lac, Wis. 100			KOH Reno, Nevada 500		
WKBB	E. Dubuque, Ill.	250-100	KGFF Shawnee, Okla. 250-100			*KQV Pittsburgh, Pa. 500		
sWKBV	Richmond, Ind.	100	sKGGG San Francisco, Cal. 100			WALA Mobile, Ala. 1000-500		
WKBZ	Muskegon, Mich.	250-100	sKGIW Alamosa, Colo. 100			WBH LaCrosse, Wis. 1000		
sWKEU	Griffin, Ga.	100	sKIDW Lamar, Colo. 100			WNBC New Britain, Conn. 250		
sWMBQ	Brooklyn, N. Y.	100	KIUN Pecos, Tex. 100			*WSMK Dayton, Ohio 200		
WMEX	Boston, Mass.	250-100	KNET Palestine, Texas 100			1370 kc.		
WNBF	Binghamton, N. Y.	100	KORE Eugene, Ore. 100			218.5 Meters		
WNLC	New London, Conn.	100	KRLC Lewiston, Idaho 100			CKCW Moncton, N. B. 100		
WOPI	Bristol, Tenn.	100	KRBC Abilene, Texas 100			KAST Astoria, Ore. 100		
WRDW	Augusta, Ga.	100	KRLH Midland, Texas 100			KCMO Kansas City, Mo. 100		
WRGA	Rome, Ga.	250-100	sKUMA Yuma, Ariz. 100			KELD Eldorado, Ark. 100		
sWSYB	Rutland, Vt.	100	KWBG Hutchinson, Kans. 100			KERN Bakersfield, Calif. 100		
WTMV	E. St. Louis, Ill.	100	†KXL Portland, Ore. 250-100			sKFGQ Boone, Ia. 100		
sWVRL	Woodside, N. Y.	250-100	WACO Waco, Texas 100			KFJM Grand Forks, N. D. 100		
WWSW	Pittsburgh, Pa.	250-100	sWAGM Presque Isle, Me. 100			KFJZ Fort Worth, Texas 250-100		
1490 kc.			WAPO Chattanooga, Tenn. 100			KFRJ Long View, Texas 100		
201.2 Meters			*WAZL Hazleton, Pa. 100			KGAR Tucson, Ariz. 250-100		
KFBK	Sacramento, Calif.	5000	sWCBS Springfield, Ill. 100			KGFG Oklahoma City, Okla. 100		
WCKY	Covington, Ky.	5000	WCHV Charlottesville, Va. 250-100			sKGFL Roswell, N. Mex. 100		
1480 kc.			aWEED Rocky Mount, N. C. 250-100			KGKL San Angelo, Texas 250-100		
202.6 Meters			sWEHS Cicero, Ill. 100			sKICA Clovis, N. Mex. 100		
KOMA	Oklahoma City, Okla.	5000	WELL Battle Creek, Mich. 100			KIUP Durango, Colo. 100		
WKBW	Buffalo, N. Y.	5000	WGPC Albany, Ga. 100			KLUF Galveston, Tex. 100		
1470 kc.			WHDL Olean, N. Y. 100			aKMAC San Antonio, Texas 100		
204.0 Meters			sWHFC Cicero, Ill. 100			aKONO San Antonio, Texas 100		
KGA	Spokane, Wash.	5000	*WILM Wilmington, Del. 100			KRE Berkeley, Calif. 250-100		
WLAC	Nashville, Tenn.	5000	WJBO Baton Rouge, La. 100			bKRKO Everett, Wash. 50		
1460 kc.			WJBR Gastonia, N. Car. 100			KSLM Salem, Ore. 100		
205.4 Meters			WJMS Ironwood, Mich. 100			KUJ Walla Walla, Wash. 100		
KSTP	St. Paul, Minn.	25000-10000	sWKBI Cicero, Ill. 100			bKVL Seattle, Wash. 100		
WJSV	Alexandria, Va.	10000	WLAP Lexington, Ky. 250-100			KWYO Sheridan, Wyo. 250-100		
1450 kc.			WLBK Kansas City, Kans. 100			WABY Albany, N. Y. 100		
206.8 Meters			WLEU Erie, Pa. 250-100			WAGF Dothan, Ala. 250		
CFCT	Victoria, B. C.	50	WMAS Springfield, Mass. 250-100			WATL Atlanta, Ga. 100		
CHGS	Summerside, P. E. I.	50	WMBC Detroit, Mich. 250-100			WBNY Buffalo, N. Y. 250-100		
KIEM	Eureka, Calif.	500	WMBH Joplin, Mo. 250-100			WBTM Danville, Va. 250-100		
KTBS	Shreveport, La.	1000	WMFJ Daytona Beach, Fla. 100			WCBM Baltimore, Md. 250-100		
WGAR	Cleveland, Ohio	1000-500	WMSD Sheffield, Ala. 100			WDAS Philadelphia, Pa. 250-100		
WHOM	Jersey City, N. J.	250	WPAD Paducah, Ky. 250-100			WDWS Champaign, Ill. 100		
WSAR	Fall River, Mass.	1000	WPAR Parkersburg, W. Va. 100			WEOA Evansville, Ind. 100		
WTFI	Athens, Ga.	500	sWPRP Ponce, P. R. 250-100			WGL Fort Wayne, Ind. 100		
1410 kc.			212.6 Meters			WGRG New Albany, Ind. 250		
†CKFC Vancouver, B. C. 50						WHBQ Memphis, Tenn. 100		

Numerically by Kilocycles

Stations prefixed ★ are synchronized; s, broadcast specified hours. Other prefixes denote stations in each frequency sharing time. Lightface figures in power column indicate daylight power.

Station	Location	Power	Station	Location	Power	Station	Location	Power
WHLB	Virginia, Minn.	100	KRRV	Sherman, Texas	100	‡WASH	Grand Rapids, Mich.	500
WIBM	Jackson, Mich.	250-100	aKTSM	El Paso, Tex.	100	WFBR	Baltimore, Md.	500
WLLH	Lowell, Mass.	250-100	KVOL	Lafayette, La.	100	WJDX	Jackson, Miss.	2500-1000
WMBR	Jacksonville, Fla.	250-100	KXRO	Aberdeen, Wash.	100	‡WOOD	Grand Rapids, Mich.	500
WMFD	Wilmington, N. C.	100	sWAML	Laurel, Miss.	100	1260 kc.		
WMFO	Decatur, Ala.	100	sWBEO	Marquette, Mich.	100	238.0 Meters		
WMIN	St. Paul, Minn.	100	WBOW	Terre Haute, Ind.	250-100	CFRN	Edmonton, Alta.	100
WOC	Davenport, Ia.	250-100	WBRE	Wilkes-Barre, Pa.	100	KGVO	Missoula, Mont.	1000
WPAY	Portsmouth, O.	100	sWCLS	Johet, Ill.	100	KOIL	Council Bluffs, Ia.	2500-1000
WPFB	Hattiesburg, Miss.	100	WCMJ	Ashland, Ky.	100	KPAC	Port Arthur, Tex.	500
sWQDM	St. Albans, Vt.	100	aWDAH	El Paso, Tex.	100	KRGV	Weslaco, Texas	500
WRAC	Williamsport, Pa.	250-100	WEBR	Buffalo, N. Y.	250-100	KUOA	Fayetteville, Ark.	2500
WRDO	Augusta, Me.	100	WEMP	Milwaukee, Wis.	100	KVOA	Tucson, Ariz.	500
WRJN	Racine, Wis.	250-100	WEXL	Royal Oak, Mich.	50	WHIO	Dayton, Ohio	5000-1000
sWSVS	Buffalo, N. Y.	50	cWFBG	Altoona, Pa.	100	WNBX	Springfield, Vt.	1000-500
1360 kc.			WFDL	Flint, Mich.	100	WTCC	Savannah, Ga.	1000
220.4 Meters			WGH	Newport News, Va.	250-100	1250 kc.		
KCRC	Enid, Okla.	250	bWHAT	Philadelphia, Pa.	100	239.9 Meters		
KGFR	Long Beach, Calif.	1000	cWJAC	Johnstown, Pa.	100	KFOX	Long Beach, Calif.	1000
WCSC	Charleston, S. C.	1000-500	WLAK	Lakeland, Fla.	100	sWCL	Northfield, Minn.	2500-1000
WFBL	Syracuse, N. Y.	5000-1000	‡WLBC	Muncie, Ind.	250-100	WDSU	New Orleans, La.	1000
‡WGZ	Chicago, Ill.	500	WLNH	Laconia, N. H.	100	aWHBI	Newark, N. J.	2500-1000
WQBC	Viicksburg, Miss.	1000	WMB0	Auburn, N. Y.	100	sWL	Minneapolis, Minn.	1000
‡WSBT	South Bend, Ind.	500	WMFF	Plattsburg, N. Y.	250	aWNEW	Newark, N. J.	2500-1000
1350 kc.			WNBH	New Bedford, Mass.	250-100	sWTCN	Minneapolis, Minn.	5000-1000
222.1 Meters			WOL	Washington, D. C.	100	1240 kc.		
KIDO	Boise, Idaho	2500-1000	WRAP	Reading, Pa.	100	241.8 Meters		
KWK	St. Louis, Mo.	5000-1000	WROL	Knoxville, Tenn.	250-100	CJCB	Sydney, N. S.	1000
‡WAWZ	Zarephath, N. J.	1000-500	sWSAJ	Grove City, Pa.	100	sKGCU	Mandan, N. D.	250
‡WBNX	New York, N. Y.	1000	WSGN	Birmingham, Ala.	250-100	sKLPM	Minot, N. D.	250
1340 kc.			WSJS	Winston-Salem, N. C.	100	KTAT	Fort Worth, Tex.	1000
223.7 Meters			WTAL	Tallahassee, Fla.	100	KTFI	Twin Falls, Idaho	1000
KGDY	Huron, S. D.	250	bWTEL	Philadelphia, Pa.	100	WKAQ	San Juan, P. R.	1000
KGIR	Butte, Mont.	2500-1000	WTJS	Jackson, Tenn.	250-100	WXYZ	Detroit, Mich.	1000
KGNO	Dodge City, Kan.	250	‡WTRC	Elkhart, Ind.	250-100	1230 kc.		
WCOA	Pensacola, Fla.	500	1300 kc.			243.8 Meters		
WFEA	Manchester, N. H.	1000-500	230.6 Meters			KBGX	Springfield, Mo.	500
WSPD	Toledo, Ohio	5000-1000	sKALE	Portland, Ore.	500	KGGM	Albuquerque, N. M.	500-250
1330 kc.			KFAC	Los Angeles, Cal.	1000	KYA	San Francisco, Calif.	1000
225.4 Meters			KFH	Wichita, Kans.	5000-1000	WFBM	Indianapolis, Ind.	5000-1000
KBG	San Diego, Calif.	2500-1000	sKFJR	Portland, Ore.	500	WNAC	Boston, Mass.	5000-1000
KMO	Tacoma, Wash.	250	aWBBR	Brooklyn, N. Y.	1000	1220 kc.		
KSCJ	Sioux City, Iowa	2500-1000	aWEVD	New York, N. Y.	1000	245.8 Meters		
WDRG	Hartford, Conn.	5000-1000	aWFAB	New York, N. Y.	1000	*KFKU	Lawrence, Kans.	5000-1000
WSAI	Cincinnati Ohio	2500-1000	WFBC	Greenville, S. C.	5000-1000	‡KTW	Seattle, Wash.	1000
WTAQ	Green Bay, Wis.	1000	aWHAZ	Troy, N. Y.	500	‡KWSC	Pullman, Wash.	2000-1000
1320 kc.			WBHL	Sheboygan, Wis.	250	sWCAD	Canton, N. Y.	500
227.1 Meters			WIOD	Miami, Fla.	1000	WCAE	Pittsburgh, Pa.	5000-1000
KGHF	Pueblo, Colo.	500	1290 kc.			WDAE	Tampa, Fla.	5000-1000
KGMB	Honolulu, Hawaii	1000	234.4 Meters			*WREN	Lawrence, Kans.	5000-1000
KID	Idaho Falls, Idaho	1000-500	KDYL	Salt Lake City, Utah	5000-1000	1210 kc.		
KRNT	Des Moines, Ia.	1000-500	KLNC	Blytheville, Ark.	100	247.8 Meters		
WADC	Tallmadge, Ohio	5000-1000	KTRH	Houston, Tex.	5000-1000	CJCS	Stratford, Ont.	100
WORK	York, Pa.	1000	WEBC	Superior, Wis.	5000-1000	CJCU	Aklavik, N. W. T.	50
WSMB	New Orleans, La.	1000-500	WJAS	Pittsburgh, Pa.	5000-1000	CKBI	Pr. Albert, Sask.	100
1310 kc.			WNBZ	Saranac Lake, N. Y.	100	CKCH	Hull, Que.	100
228.9 Meters			WNEL	San Juan, P. R.	2500-1000	CKMC	Cobalt, Ont.	50
CJLS	Yarmouth, N. S.	100	1280 kc.			KANS	Wichita, Kans.	100
CKCV	Quebec, Que.	100	234.2 Meters			KASA	Elk City, Okla.	100
sKCRJ	Jerome, Ariz.	100	KFBB	Great Falls, Mont.	2500-1000	KDLR	Devils Lake, N. Dak.	100
KFPL	Dublin, Tex.	250-100	‡WCAM	Camden, N. J.	500	KDON	Del Monte, Calif.	100
KFXR	Oklahoma Cy., Okla.	250-100	‡WCAP	Asbury Park, N. J.	500	KFJI	Klamath Falls, Ore.	100
KFYO	Lubbock, Tex.	250-100	WDOD	Chattanooga, Tenn.	5000-1000	KFOR	Lincoln, Nebr.	250-100
sKGCX	Wolf Point, Mont.	250-100	WIBA	Madison, Wis.	5000-1000	KFPW	Ft. Smith, Ark.	100
KGEZ	Kalispell, Mont.	100	WORC	Worcester, Mass.	500	sKFVS	Cape Girardeau, Mo.	250-100
KGFW	Kearney, Neb.	100	WRR	Dallas, Tex.	500	‡KFXM	San Bernardino, Calif.	100
KINY	Juneau, Alaska	100	‡WTNJ	Trenton, N. J.	500	KGY	Olympia, Wash.	100
KIT	Yakima, Wash.	250-100	1270 kc.			KIUL	Garden City, Kans.	100
KIUJ	Santa Fe, N. Mex.	100	236.1 Meters			‡KPPC	Pasadena, Calif.	100
KMED	Medford, Ore.	250-100	*KGCA	Decorah, Iowa	100	KVSO	Ardmore, Okla.	100
KPDN	Pampa, Texas	100	KOL	Seattle, Wash.	5000-1000	KWEA	Shreveport, La.	100
KRMD	Shreveport, La.	100	KVOR	Colorado Springs, Colo.	1000	KWTN	Watertown, S. Dak.	100
KROC	Rochester, Minn.	100	*KWLC	Decorah, Iowa	100	WALR	Zanesville, Ohio	100

Numerically by Kilocycles

Stations prefixed * are synchronize; s, broadcast specified hours. Other prefixes denote stations in each frequency sharing time. Lightface figures in power column indicate daylight power.

Station	Location	Power	Station	Location	Power	Station	Location	Power
sWBAX	Wilkes-Barre, Pa.	100	sWMPC	Lapeer, Mich.	250-100	*WMBI	Chicago, Ill.	5000
sWBBL	Richmond, Va.	100	WNRI	Newport, R. I.	250-100	1070 kc.		
WBLY	Lima, Ohio	100	WRBL	Columbus, Ga.	100	280.2 Meters		
aWBRB	Red Bank, N. J.	250	WTHT	Hartford, Conn.	100	sKJBS	San Francisco, Calif.	500
WCOL	Columbus, O.	100	gWWAE	Hammond, Ind.	100	WCAZ	Carthage, Ill.	100
sWCRW	Chicago, Ill.	100	1190 kc.		WTAM	Cleveland, Ohio	50000	
sWEBQ	Harrisburg, Ill.	250-100	252.0 Meters		1060 kc.			
sWEDC	Chicago, Ill.	100	VONF	St. Johns, N. F.	1000	282.8 Meters		
aWFAS	White Plains, N. Y.	100	WATR	Waterbury, Conn.	100	KTHS	Hot Springs, Ark.	10000
WFOY	St. Augustine, Fla.	100	WDAI	San Antonio, Tex.	50000	VOAC	St. Johns, N. F. (1065	
aWGBB	Freeport, N. Y.	100	WSAZ	Huntington, W. Va.	1000	Kc.)		40
aWGNY	Chester, N. Y.	100	1180 kc.		WBAL	Baltimore, Md.	10000	
WHBF	Rock Island, Ill.	250-100	254.1 Meters		WJAG	Norfolk, Nebr.	1000	
WHBU	Anderson, Ind.	250-100	*KEX	Portland, Ore.	5000	1050 kc.		
WIBU	Poyette, Wis.	250-100	*KOB	Albuquerque, N. M.	10000	285.5 Meters		
WJBY	Gadsden, Ala.	100	WDGY	Minneapolis, Minn.	5000-1000	CRCK	Quebec, Que.	1000
WJEJ	Hagerstown, Md.	100	WINS	New York, N. Y.	1000	KFBI	Abilene, Kan.	5000
WJIM	Lansing, Mich.	250-100	WMAZ	Macon, Ga.	1000	KNX	Los Angeles, Calif.	50000
WJW	Akron, Ohio	250-100	1170 kc.		1040 kc.			
sWKOK	Sunbury, Pa.	100	256.3 Meters		288.3 Meters			
WLIN	Middlesboro, Ky.	100	WCAU	Philadelphia, Pa.	50000	KRLD	Dallas, Texas	10000
WMBG	Richmond, Va.	250-100	1160 kc.		KWJJ	Portland, Ore.	500	
WMFG	Hibbing, Minn.	100	258.5 Meters		WTIC	Hartford, Conn.	50000	
WMFN	Grenada, Miss.	100	*WOWO	Fort Wayne, Ind.	10000	1030 kc.		
WOCL	Jamestown, N. Y.	50	*WWVA	Wheeling, W. Va.	5000	291.1 Meters		
WOMT	Manitowoc, Wis.	100	1150 kc.		CFCN	Calgary, Alta.	10000	
WPAX	Thomasville, Ga.	100	260.7 Meters		CKLW	Windsor, Ont.	5000	
WSAY	Rochester, N. Y.	100	WHAM	Rochester, N. Y.	50000	1020 kc.		
sWSBC	Chicago, Ill.	100	1140 kc.		293.9 Meters			
WSIX	Springfield, Tenn.	100	263.0 Meters		KYW	Philadelphia, Pa.	10000	
WSOC	Charlotte, N. Car.	250-100	*KV00	Tulsa, Okla.	25000	WDZ	Tuscola, Ill.	250
WTAX	Springfield, Ill.	100	*WAPI	Birmingham, Ala.	5000	1010 kc.		
1200 kc.			*WSPR	Springfield, Mass.	5000	296.9 Meters		
249.9 Meters			1130 kc.		CHML	Hamilton, Ont.	100	
CHAB	Moose Jaw, Sask.	100	265.3 Meters		CHWC	Regina, Sask.	500	
CKNX	Wingham, Ont.	50	KSL	Salt Lake City, Utah	50000	CKCD	Vancouver, B. C.	100
CKTB	St. Catharines, Ont.	100	WJJD	Chicago, Ill.	20000	CKCK	Regina, Sask.	500
KADA	Ada, Okla.	100	W0V	New York, N. Y.	1000	CKCO	Ottawa, Ont.	100
KBTM	Jonesboro, Ark.	100	1120 kc.		CKIC	Wolfville, N. S.	50	
KDNC	Lewiston, Mont.	100	267.7 Meters		CKWX	Vancouver, B. C.	100	
KFJB	Marshalltown, Iowa	250-100	CHLP	Montreal, Que.	100	sKGGF	Coffeyville, Kan.	1000
KFXD	Nampa, Idaho	250-100	CHSJ	St. John, N. B.	1000-500	KQW	San Jose, Calif.	1000
KFXJ	Grand Junction, Colo.	250-100	CKOC	Hamilton, Ont.	1000-500	WHN	New York, N. Y.	5000-1000
KGDE	Fergus Falls, Minn.	250-100	CKX	Brandon, Man.	100	sWNAD	Norman, Okla.	1000
sKGEK	Sterling, Colo.	100	KFIO	Spokane, Wash.	100	WN0X	Knoxville, Tenn.	2500-1000
KGFJ	Los Angeles, Calif.	100	†KFSG	Los Angeles, Calif.	2500-500	1000 kc.		
KGHI	Little Rock, Ark.	250-100	†KRKD	Los Angeles, Calif.	2500-500	299.8 Meters		
KMLB	Monroe, La.	100	KRSC	Seattle, Wash.	250	KFVD	Los Angeles, Calif.	250
KSUN	Lowell, Ariz.	100	WCOP	Boston, Mass.	500	WHO	Des Moines, Iowa	50000
KVCV	Redding, Calif.	100	WDEL	Wilmington, Del.	500-250	990 kc.		
KVOS	Bellingham, Wash.	100	WGCM	Mississippi City, Miss.	500	302.8 Meters		
KWG	Stockton, Calif.	100	WISN	Milwaukee, Wis.	1000-250	*WBZ	Boston, Mass.	50000
sWABI	Bangor, Me.	100	SWTAW	College Station, Tex.	500	*WBZA	Boston, Mass.	1000
WAYX	Waycross, Ga.	100	1110 kc.		980 kc.			
WBBZ	Ponca City, Okla.	100	270.1 Meters		305.9 Meters			
aWBNO	New Orleans, La.	100	sKSOO	Sioux Falls, S. Dak.	2500	KDKA	Pittsburgh, Pa.	50000
sWCAT	Rapid City, S. Dak.	100	WRVA	Richmond, Va.	5000	970 kc.		
sWCAX	Burlington, Vt.	100	1100 kc.		309.1 Meters			
WCLO	Janesville, Wis.	250-100	272.6 Meters		KRJ	Seattle, Wash.	5000	
WCPO	Cincinnati, Ohio	250-100	CRCV	Vancouver, B. C.	1000	WCFL	Chicago, Ill.	5000
fWEST	Easton, Pa.	250-100	KGDM	Stockton, Calif.	1000	WIBG	Glenside, Pa.	100
gWFAM	South Bend, Ind.	100	KWKH	Shreveport, La.	10000	960 kc.		
WHBC	Canton, Ohio	250-100	sWLWL	New York, N. Y.	5000	312.3 Meters		
WHBY	Green Bay, Wis.	250-100	sWPG	Atlantic City, N. J.	5000	CHNC	New Carlisle, Que.	1000
WIBX	Utica, N. Y.	300-100	1090 kc.		950 kc.			
WIL	St. Louis, Mo.	250-100	275.1 Meters		315.6 Meters			
dWJBC	Bloomington, Ill.	250-100	KMOX	St. Louis, Mo.	50000	CJOC	Lethbridge, Alta.	100
dWJBL	Decatur, Ill.	100	1080 kc.		277.6 Meters			
aWJBW	New Orleans, La.	100	277.6 Meters		WBT	Charlotte, N. C.	50000	
WJNO	West Palm Beach, Fla.	100	*WCB	Waukegan, Ill.	5000	*WCB	Waukegan, Ill.	5000
WJRD	Tuscaloosa, Ala.	100						
fWKBO	Harrisburg, Pa.	250-100						
WLVA	Lynchburg, Va.	250-100						
WMFR	High Point, N. C.	100						

Numerically by Kilocycles

Stations prefixed * are synchronized; s, broadcast specified hours. Other prefixes denote stations in each frequency sharing time. Lightface figures in power column indicate daylight power.

Station	Location	Power	Station	Location	Power	Station	Location	Power
WRC	Washington, D. C.	1000-500	870 kc.			740 kc.		
940 kc.			344.6 Meters			405.2 Meters		
319.0 Meters			*WENR Chicago, Ill.		50000	KMMJ Clay Center, Nebr.		1000
KOIN Portland, Ore.		5000-1000	*WLS Chicago, Ill.		50000	KTRB Modesto, Calif.		250
VOAS St. Johns, N. F.		100	860 kc.			WHEB Portsmouth, N. H.		25
WAAT Jersey City, N. J.		500	348.6 Meters			WSB Atlanta, Ga.		50000
WAVE Louisville, Ky.		1000	WABC }			730 kc.		
WCSH Portland, Me.		2500-1000	WBOY } New York, N. Y.		50000	410.7 Meters		
WDAY Fargo, N. D.		5000-1000	WHB Kansas City, Mo.		1000	CFPL London, Ont.		100
WHA Madison, Wis.		5000	850 kc.			CJCA Edmonton, Alta.		1000
930 kc.			352.7 Meters			CKAC Montreal, Que.		5000
322.4 Meters			KIEV Glendale, Calif.		250	CKPR Fort William, Ont.		100
CFAC Calgary, Alta.		100	WESG Elmira, N. Y.		1000	720 kc.		
CFLC Prescott, Ont.		100	WKAR E. Lansing, Mich.		1000	416.4 Meters		
CHNS Halifax, N. S.		1000	WWL New Orleans, La.		10000	WGN Chicago, Ill.		50000
CKPC Brantford, Ont.		100	840 kc.			710 kc.		
KMA Shenandoah, Iowa		2500-1000	356.9 Meters			422.3 Meters		
KROW Oakland, Calif.		1000	CFQC Saskatoon, Sask.		1000	KIRO Seattle, Wash.		1000
WBRC Birmingham, Ala.		1000	CRCT Toronto, Ont.		5000	KMPC Beverly Hills, Calif.		500
WBDJ Roanoke, Va.		5000-1000	VOGY St. Johns, N. F.		400	WOR Newark, N. J.		50000
920 kc.			830 kc.			700 kc.		
325.9 Meters			361.2 Meters			428.3 Meters		
xKFFL Denver, Colo.		500	KOA Denver, Colo.		50000	WLW Cincinnati, Ohio		50000
KOMO Seattle, Wash.		5000-1000	WEEU Reading, Pa.		1000	690 kc.		
KPRC Houston, Tex.		5000-1000	WHDH Boston, Mass.		1000	434.5 Meters		
xKVOD Denver, Colo.		500	WRUF Gainesville, Fla.		5000	CFRB Toronto, Ont.		10000
WAAF Chicago, Ill.		1000	820 kc.			CJCB Calgary, Alta.		100
WORL Boston, Mass.		500	365.6 Meters			NAA Arlington, Va.		1000
aWPEN Philadelphia, Pa.		500-250	WHAS Louisville, Ky.		50000	VAS Glace Bay, N. S.		
aWRAX Philadelphia, Pa.		500-250	810 kc.			(685 kc.)		4000-2000
WSPA Spartanburg, S. C.		1000	370.2 Meters			680 kc.		
WWJ Detroit, Mich.		5000-1000	WCCO Minneapolis, Minn.		50000	440.9 Meters		
910 kc.			WNYC New York, N. Y.		1000	KFEQ St. Joseph, Mo.		2500
329.5 Meters			800 kc.			KPO San Francisco, Calif.		50000
CJAT Trail, B. C.		1000	374.8 Meters			VOWR St. Johns, N. F.		500
CKY Winnipeg, Man.		15000	*WBAP Fort Worth, Texas		50000	WPTF Raleigh, N. C.		5000
CRCM Montreal, Que.		5000	*WFAA Dallas, Tex.		50000	670 kc.		
900 kc.			WTBO Cumberland, Md.		250	447.5 Meters		
333.1 Meters			790 kc.			WMAQ Chicago, Ill.		50000
KGBU Ketchikan, Alaska		5000-1000	379.5 Meters			660 kc.		
KHJ Los Angeles, Calif.		5000-1000	KGO San Francisco, Calif.		7500	454.3 Meters		
KSEI Pocatello, Idaho		500-250	WGY Schenectady, N. Y.		50000	WAAW Omaha, Nebr.		500
WBEN Buffalo, N. Y.		5000-1000	780 kc.			WEAF New York, N. Y.		50000
WELI New Haven, Conn.		500	384.4 Meters			650 kc.		
WFMD Frederick, Md.		500	CHWK Chilliwack, B. C.		100	461.3 Meters		
WJAX Jacksonville, Fla.		5000-1000	CKSO Sudbury, Ont.		1000	WSM Nashville, Tenn.		50000
WKY Oklahoma City, Okla.		5000-1000	*KEHE Los Angeles, Calif.		5000-1000	640 kc.		
sWLBL Stevens Pt., Wis.		2500	*KELW Burbank, Calif.		500	468.5 Meters		
WTAD Quincy, Ill.		500	sKFDY Brookings, S. D.		1000	KFI Los Angeles, Calif.		50000
890 kc.			sKFQD Anchorage, Alaska		250	WHKC Columbus, O.		500
336.9 Meters			KGHL Billings, Mont.		5000-1000	WOI Ames, Iowa		5000
KARK Little Rock, Ark.		1000-500	WEAN Providence, R. I.		500	WSPG Portland, Maine		500
*KFNF Shenandoah, Iowa		1000-500	WMC Memphis, Tenn.		5000-1000	630 kc.		
KFPY Spokane, Wash.		5000-1000	WTAR Norfolk, Va.		1000-500	475.9 Meters		
*KUSD Vermilion, S. Dak.		500	770 kc.			CFCO Chatham, Ont.		100
sWBAA Lafayette, Ind.		1000-500	389.4 Meters			CFCY Charlottetown, P. E. I.		1000
WGST Atlanta, Ga.		1000	*KFAB Lincoln, Nebr.		10000	CJRC Winnipeg, Man.		1000-500
WJAR Providence, R. I.		1000-500	*WBBM Chicago, Ill.		50000	CKOV Kelowna, B. C.		100
WMMN Fairmount, W. Va.		1000-500	760 kc.			*KFRU Columbia, Mo.		1000-500
880 kc.			394.5 Meters			sKGFY Pierre, S. Dak.		200
340.7 Meters			KXA Seattle, Wash.		500-250	WAIM Anderson, S. C.		1000
CFJC Kamloops, B. C.		100	*WBAL Baltimore, Md.		2500	*WGBF Evansville, Ind.		500
CRCO Ottawa, Ont.		1000	WEW St. Louis, Mo.		1000	WMAL Washington, D. C.		500-250
*KFKA Greeley, Colo.		1000-500	*WJZ New York, N. Y.		50000	WPRO Providence, R. I.		250
KLX Oakland, Calif.		1000	750 kc.			620 kc.		
*KPOF Denver, Colo.		500	399.8 Meters			483.6 Meters		
WCOC Meridian, Miss.		1000-500	KGU Honolulu, Hawaii		2500	KGW Portland, Ore.		5000-1000
†WGBI Scranton, Pa.		500	WJR Detroit, Mich.		50000	KTAR Phoenix, Ariz.		1000
WPHR Petersburg, Va.		500						
†WQAN Scranton, Pa.		250						
WSUI Iowa City, Iowa		1000-500						

Numerically by Kilocycles

Stations prefixed ★ are synchronized; s, broadcast specified hours. Other prefixes denote stations in each frequency sharing time. Lightface figures in power column indicate daylight power.

Station	Location	Power	Station	Location	Power	Station	Location	Power			
†WFLA	Clearwater, Fla.	5000-1000	WKZO	Kalamazoo, Mich.	1000	560 kc. 535.4 Meters					
WHJB	Greensburg, Pa.	250	WOW	Omaha, Nebr.	5000-1000						
WLBZ	Bangor, Me.	1000-500	580 kc. 516.9 Meters			550 kc. 545.1 Meters					
†WBSN	St. Petersburg, Fla.	5000-1000									
WIMJ	Milwaukee, Wis.	5000-1000	CFPR	Pr. Rupert, B. C.	50	CFNB	Fredericton, N. B.	1000-500			
610 kc. 491.5 Meters			CHRC	Quebec, Que.	100	†KFUO	St. Louis, Mo.	1000-500			
			KFRC	San Francisco, Calif.	5000-1000	CKLA	Toronto, Ont.	100	KFYR	Bismarek, N. D.	5000-1000
WDAF	Kansas City, Mo.	5000-1000	CKUA	Edmonton, Alta.	500	KOAC	Corvallis, Ore.	1000			
WIP	Philadelphia, Pa.	1000	KMJ	Fresno, Calif.	1000-500	†KSD	St. Louis, Mo.	5000-1000			
WJAY	Cleveland, Ohio	500	★KSAC	Manhattan, Kans.	1000-500	KTSA	San Antonio, Tex.	5000-1000			
600 kc. 499.7 Meters			WCHS	Charleston, W. Va.	1000-500	WDEV	Waterbury, Vt.	500			
			CFCF	Montreal, Que.	400	WDBO	Orlando, Fla.	1000	WGR	Buffalo, N. Y.	1000
CJOR	Vancouver, B. C.	500	★WIBW	Topeka, Kans.	5000-1000	WKRC	Cincinnati, Ohio	2500-1000			
CRCW	Windsor, Ont.	1000-500	WILL	Urbana, Ill.	1000	WSVA	Harrisonburg, Va.	500			
KFSD	San Diego, Calif.	1000	WTAG	Worcester, Mass.	500	540 kc. 556 Meters					
WCAO	Baltimore, Md.	1000-500	570 kc. 526.0 Meters						†CJRM	Moose Jaw, Sask.	1000
★WICC	Bridgeport, Conn.	1000-500				KGKO	Wichita Falls, Tex.	1000-250	550 kc. 545.1 Meters		
WMT	Cedar Rapids, Iowa	5000-1000	KMTR	Los Angeles, Cal.	1000						
WREC	Memphis, Tenn.	5000-1000	KVI	Tacoma, Wash.	5000-1000						
590 kc. 508.2 Meters			★WKBN	Youngstown, Ohio	500						
			KHQ	Spokane, Wash.	5000-1000	WMCA	New York, N. Y.	500			
WEEL	Boston, Mass.	1000	WMAX	Yankton, S. D.	5000-1000	540 kc. 556 Meters					
590 kc. 508.2 Meters			★WOSU	Columbus, Ohio	1000-750							WSYR	Syracuse, N. Y.	1000
			590 kc. 508.2 Meters			WSYU	Syracuse, N. Y.	1000			
590 kc. 508.2 Meters						WWNC	Asheville, N. C.	1000				WSVA	Harrisonburg, Va.	500

BROADCASTING STATIONS OF MEXICO, CENTRAL AMERICA AND WEST INDIES

ALPHABETICALLY ARRANGED BY CALL LETTERS—1000 WATTS AND OVER

Station	Kc.	Mtr.	Location	Power	Reading	Station	Kc.	Mtr.	Location	Power	Reading
Central American List and Log											
TGW	1210-247.8		Guatemala City, Guat.	10000	.....	XEJ	1020-293.9		Ciudad Juarez, Chih.	1000	.....
TIGPH	650-461.3		San Jose, Costa Rica	1000	.....	XELO	1110-270.1		Piedras Negras, Coah.	10000	.....
Cuban List and Log											
CMCY	1030-291.1		Habana	1000	.....	XEMO	860-348.6		Tijuana, B. C.	5000	.....
CMK	730-410.7		Habana	3000	.....	XEN	710-422.3		Mexico, D. F.	1000	.....
CMX	920-325.9		Habana	1000	.....	XENT	910-329.5		Nuevo Laredo, Tams.	150000	.....
CMW	600-499.7		Habana	1400	.....	XEPN	590-508.2		Piedras Negras, Coah.	50000	.....
Mexican List and Log											
XEAQ	1090-275.1		Rosarito, B. C.	1000	.....	XERA	840-356.9		Villa Acuna, Coah.	250000	.....
XEAW	960-312.3		Reynosa, Tams.	50000	.....	XEW	890-336.9		Mexico, D. F.	50000	.....
XEB	1030-291.2		Mexico, D. F.	10000	.....	XEYZ	780-384.4		Mexico, D. F.	10000	.....
XED	1155-259.7		Guadaluajara, Jal.	2500	.....	XFO	940-319.1		Mexico, D. F.	5000	.....
XEFO	940-319.5		Mexico, D. F.	5000	.....	XFX	610-491.5		Mexico, D. F.	1000	.....
West Indian List and Log											
HHK	920-325.9		Port-au-Prince, Haiti	1000	.....					

PRINCIPAL TELEVISION STATIONS

Call	Owner	Location	Watts	42,000-50,000, 60,000-86,000 KILOCYCLES
2000-2100 KILOCYCLES				
W2XDR	Radio Pictures, Inc.	Long Isl. City, N. Y.	500 & 1000	W1XG General Television Corp., Boston, Mass. 500
W8XAN	Sparks-Withington Co.	Jackron, Mich.	100	W2XAX Atlantic Brde. Corp., New York, N. Y. 50
W9XAK	Kansas St. Col.	Manhattan, Kans.	125	W2XBT National Brdc. Co., Portable. 750
W9XK	University of Iowa	Iowa City, Ia.	50 & 100	W2XF National Brdc. Co., New York, N. Y. 5000
2750-2850 KILOCYCLES				
W2XBS	National Broadcasting Co.	New York, N. Y.	5000	W2XDR Radio Pictures, Inc., Long Isl. C., N. Y. 1000 & 500
W3XAK	National Broadcasting Co.	Portable	5000	W3XAD RCA Mfg. Co., Inc., Portable. 2000
W2XAB	Atlantic Brdc. Corp.	New York City	500	W3XE Philco Radio & Telev. Corp., Philadelphia, Pa. 1500
W9XAL	First Natl. Television Corp.	Kans. C. Mo.	500 & 150	W3XEP RCA Mfg. Co., Inc., Camden, N. J. 30000
W9XAP	National Broadcasting Co.	Chicago, Ill.	2500	W6XAD Don Lee Brdc. Sys., Los Angeles, Cal. 150
W9XG	Purdue University	W. Lafayette, Ind.	1500	W8XAN Sparks-Withington Co., Jackson, Mich. 100
42,000-50,000, 60,000-86,000 KILOCYCLES				
W9XAT	Dr. Geo. W. Young	Portable	500	W9XAL First Natl. Telev. Corp., Kansas City, Mo. 150 & 500
W9XD	The Journal Co.	Milwaukee, Wis.	500	W9XAT Dr. Geo. W. Young, Portable. 500
W9XK	University of Iowa	Iowa City, Ia.	100	W9XD The Journal Co., Milwaukee, Wis. 500
W10XX	RCA Mfg. Co., Inc.	Portable—Mobile	50	W9XK University of Iowa, Iowa City, Ia. 100

BROADCASTING STATIONS UNITED STATES AND CANADA

Alphabetically by Cities, States and Provinces, With Kilocycles

UNITED STATES

ALABAMA

Birmingham, (WAPI-1140)
(WBRG-930) (WVSGN-1310)
Decatur, WMPG-1370
Dothan, WAGF-1370
Gadsden, WJBY-1210
Mobile, WALA-1380
Montgomery, WBSA-1410
Selma, WHBB-1500
Sheffield, WMSD-1420
Tuscaloosa, WJRD-1200

ARIZONA

Jerome, KCRJ-1310
Lowell, KSUN-1200
Phoenix, (KOY-1390) (KTAR-620)
Tucson, (KGAR-1370) (KVOA-1260)
Yuma, KUMA-1420

ARKANSAS

Blytheville, KLCN-1290
El Dorado, KELD-1370
Fayetteville, KUOA-1260
Ft. Smith, KFPW-1210
Hot Springs, KTHS-1060
Jonesboro, KBTM-1200
Little Rock, (KARK-890)
(KGHI-1200)
(KLRA-1390)
Pine Bluff, KOTN-1500
Texarkana, KCMC-1420

CALIFORNIA

Bakersfield, KERN-1370
Berkeley, (KRE-1370)
(KROW-930)
Beverly Hills, KMPC-710
Burbank, KELW-780
Chico, KISL-950
Del Monte, KDON-1210
El Centro, KXO-1500
Eureka, KTEM-1450
Fresno, KMJ-580
Glendale, KIEV-850
Hollywood, (KFWB-950)
Long Beach, (KPOX-1250)
(KGER-1360)
Los Angeles, (KECA-1430)
(KEHE-780) (KFAC-1300)
(KFI-640) (KFSG-1120)
(KFVD-1000) (KGFJ-1200)
(KHJ-900) (KMTR-570)
(KNX-1050) (KRIK-1120)
Modesto, KTRB-740
Oakland, (KLS-1440) (KLX-880) (KROW-930)
Pasadena, KPCC-1210
Redding, KVCV-1200
Sacramento, KFBC-1400
San Bernardino, KFNM-1210
San Diego, (KFSD-600) (KGB-1330)
San Francisco, (KFRC-610)
(KGGC-1420) (KGO-790)
(KJBS-1070) (KMO-880)
(KROW-930) (KSFO-560)
(KYA-1230)
San Jose, KQW-1010
Santa Ana, KVOE-1500
Santa Barbara, KDB-1500
Stockton, KGDM-1100)
(KWG-1200)

COLORADO

Alamosa, KGIW-1420
Colorado Springs, KVOR-1270
Denver, (KFEL-920) (KLZ-560) (KOA-830) (KPOF-880) (KVOD-920)
Durango, KJUP-1370
Grand Junction, KFJX-1200
Greeley, KFKA-850
Lamar, KIDW-1420
Pueblo, KGHE-1320
Sterling, KGEK-1200

CONNECTICUT

Bridgeport, WICC-600
Hartford, (WTHT-1200) (WTIC-1040) (WDRG-1330)

New Britain, WNBC-1380
New Haven, (WELI-900)
New London, WNLC-1500
Waterbury, WATR-1190

DELAWARE

Wilmington, (WDEL-1120)
(WILM-1420)

DISTRICT OF COLUMBIA

Washington, (WMAL-630)
(WOL-1310) (WRC-950)

FLORIDA

Clearwater, WFLA-620
Daytona Beach, WMPJ-1420
Gainesville, WRUF-830
Jacksonville, (WJAX-900)
(WMBR-1370)
Lakeland, WLAK-1310
Miami, (WIOD-1300) (WQAM-560)
Orlando, WDBO-580
Pensacola, WCOA-1340
St. Augustine, WFOY-1210
St. Petersburg, WSUN-620
Tallahassee, WTAL-1310
Tampa, (WDAE-1220)
W. Palm Beach, WJNO-1200

GEORGIA

Albany, WGPC-1420
Athens, WTEF-1450
Atlanta, (WATL-1370) (WGST-890) (WSB-740)
Augusta, WRDW-1500
Columbus, WRBL-1200
Griffin, WKUE-1500
Macon, WMAZ-1180
Rome, WRGA-1500
Savannah, WTOG-1260
Thomasville, WPAK-1210
Waycross, WAYX-1200

IDAHO

Boise, KIDO-1350
Idaho Falls, KID-1320
Lewiston, KRLC-1420
Nampa, KFND-1200
Pocatello, KSEI-900
Twin Falls, KTFI-1240

ILLINOIS

Bloomington, WJBC-1200
Carthage, WCAZ-1070
Chicago, (WAAP-920) (WBBM-770) (WCFL-970) (WCRW-1210) (WEDC-1210)
(WENR-870) (WGES-1360)
(WGN-720) (WJJD-1130)
(WLS-870) (WMAQ-670)
(WMBI-1080) (WSBC-1210)
Cicero, (WEHS-1420) (WHFC-1420) (WKBI-1420)
Decatur, WJBL-1200
E. Dubuque, WKBB-1500
East St. Louis, WTMV-1500
Harrisburg, WEBQ-1210
Joliet, (WCLS-1310)
Peoria, WMBD-1440
Quincy, WTAD-900
Rockford, WRCK-1410
Rock Island, WHBF-1210
Springfield, (WCBS-1420)
(WTAX-1210)
Tuscola, WDLZ-1020
Urbana, WILL-580
Waukegan, WCBD-1080

INDIANA

Anderson, WHBU-1210
Elkhart, WTRC-1310
Evansville, (WEOA-1370)
(WGBF-630)
Fort Wayne, (WGL-1370)
(WOWO-1160)
Gary, (WIND-580)
Hammond, WVAE-1200
Indianapolis, (WFBM-1230)
(WIRE-1400)
Lafayette, WRAA-890
Muncie, WLBC-1310
New Albany, WGRG-1370
Richmond, WKBV-1500
South Bend, (WFAM-1200)

(WSBT-1360)
Terre Haute, WBOW-1310

IOWA

Ames, WOI-640
Boone, KFGQ-1370
Cedar Rapids, WMT-600
Council Bluffs, KOIL-1260
Davenport, WOC-1370
Decorah, (KGA-1270)
(KWLC-1270)
Des Moines, (KRNT-1320)
(KSO-1430) (WHO-1000)
Iowa City, WSUI-880
Marshalltown, KFJB-1200
Shenandoah, (KFNF-890)
(KMA-930)
Sioux City, KSCJ-1330

KANSAS

Abilene, KFBI-1050
Coffeyville, KGGF-1010
Dodge City, KGNO-1340
Garden City, KIUL-1210
Hutchinson, KWBG-1420
Kansas City, WLBF-1420
Lawrence, (KFKU-1220)
(WREN-1220)
Manhattan, KSAC-580
Topeka, WIBW-580
Wichita, (KANS-1210) (KFH-1300)

KENTUCKY

Ashland, WCMI-1310
Covington, WCKY-1490
Louisville, (WAVE-940)
(WHAS-820)
Lexington, WLAP-1420
Middlesboro, WMLN-1210
Paducah, WPAD-1420

LOUISIANA

Alexandria, KALB-1420
Baton Rouge, WJBO-1420
Lake Charles, KPLC-1500
Lafayette, KVOL-1310
Monroe, KMLB-1200
New Orleans, (WBNO-1200)
(WDSU-1250) (WJBW-1200)
(WSMB-1320) (WWL-850)
Shreveport, (KRMD-1310)
(KTHS-1450) (KWEA-1210)
(KWKH-1100)

MAINE

Augusta, WRDO-1370
Bangor, (WABI-1200)
(WLBZ-620)
Portland, (WCSS-940)
(WSPG-640)
Presque Isle, WAGM-1420

MARYLAND

Baltimore, WBAL-1060-760)
(WCAO-600) (WCMB-1370)
(WFBZ-1270)
Cumberland, WTBO-800
Frederick, WFMD-900
Hagerstown, WJEJ-1210

MASSACHUSETTS

Boston, (WAAB-1410) (WBZ-900) (WBZA-900) (WCOG-1120)
(WEEI-590) (WHDH-830)
(WMEX-1500) (WNAC-1230)
(WORL-920)
Fall River, WSAR-1450
Lowell, WLLH-1370
New Bedford, WNBH-1310
Springfield, (WMAZ-1420)
(WSPR-1140)
Worcester, (WORC-1280)
(WTAG-580)

MICHIGAN

Battle Creek, WELL-1420
Bay City, WBCM-1410
Calumet, WHDF-1370
Detroit, (WJRK-1500) (WJR-750) (WMBC-1420) (WWJ-920) (WXYZ-1240)
East Lansing, WKAR-850
Flint, WFDF-1310
Grand Rapids, (WASH-1270)
(WOOD-1270)

Ironwood, WJMS-1420
Jackson, WIBM-1370
Kalamazoo, WKZO-590
Lansing, WJIM-1210
Lapeer, WMPG-1200
Marquette, WBEW-1310
Muskegon, WKHZ-1500
Royal Oak, WEXL-1310

MINNESOTA

Fergus Falls, KGDE-1200
Hibbing, WMPG-1210
Minneapolis, (KSTP-1460)
(WCCO-810) (WDGY-1180)
(WLB-1250) (WTGN-1250)
Moorhead, KGFK-1500
Northfield, (WCAL-1250)
Rochester, KROC-1310
St. Paul, (KSTP-1460) (WMIN-1370)
Virginia, WHLB-1370

MISSISSIPPI

Grenada, WMFN-1210
Hattiesburg, WPFB-1370
Jackson, WJDX-1270
Kosciusko, WHEF-1500
Laurel, WAML-1310
Meridian, WCOG-880
Mississippi City, WGMN-1120
Vicksburg, WQBC-1360

MISSOURI

Cape Girardeau, KFVS-1210
Columbia, KFRU-630
Joplin, WMBH-1420
Kansas City, (KCMO-1370)
(KMBC-950) (WDAF-610)
(WHB-860)
Springfield, (KGBX-1230)
(KWTO-560)
St. Joseph, KFEG-680
St. Louis, (KFUO-550)
(KMox-1090) (KSD-550)
(KWK-1350) (WEW-760)
(WIL-1200)

MONTANA

Billings, KGHL-780
Butte, KGIR-1340
Great Falls, KFBB-1280
Kalispell, KGEZ-1310
Lewiston, KDNC-1200
Missoula, KGVO-1260
Wolf Point, KGCX-1310

NEBRASKA

Clay Center, KMMJ-740
Kearney, KGFV-1310
Lincoln, (KFAB-770) (KFOR-1210)
Norfolk, WJAG-1060
North Platte, KGNF-1430
Omaha, (WAAW-660) (WOW-596)
Scottsbluff, KGKY-1500

NEVADA

Reno, KOH-1380

NEW HAMPSHIRE

Laconia, WLNH-1310
Manchester, WFEG-1100
Portsmouth, WHEB-740

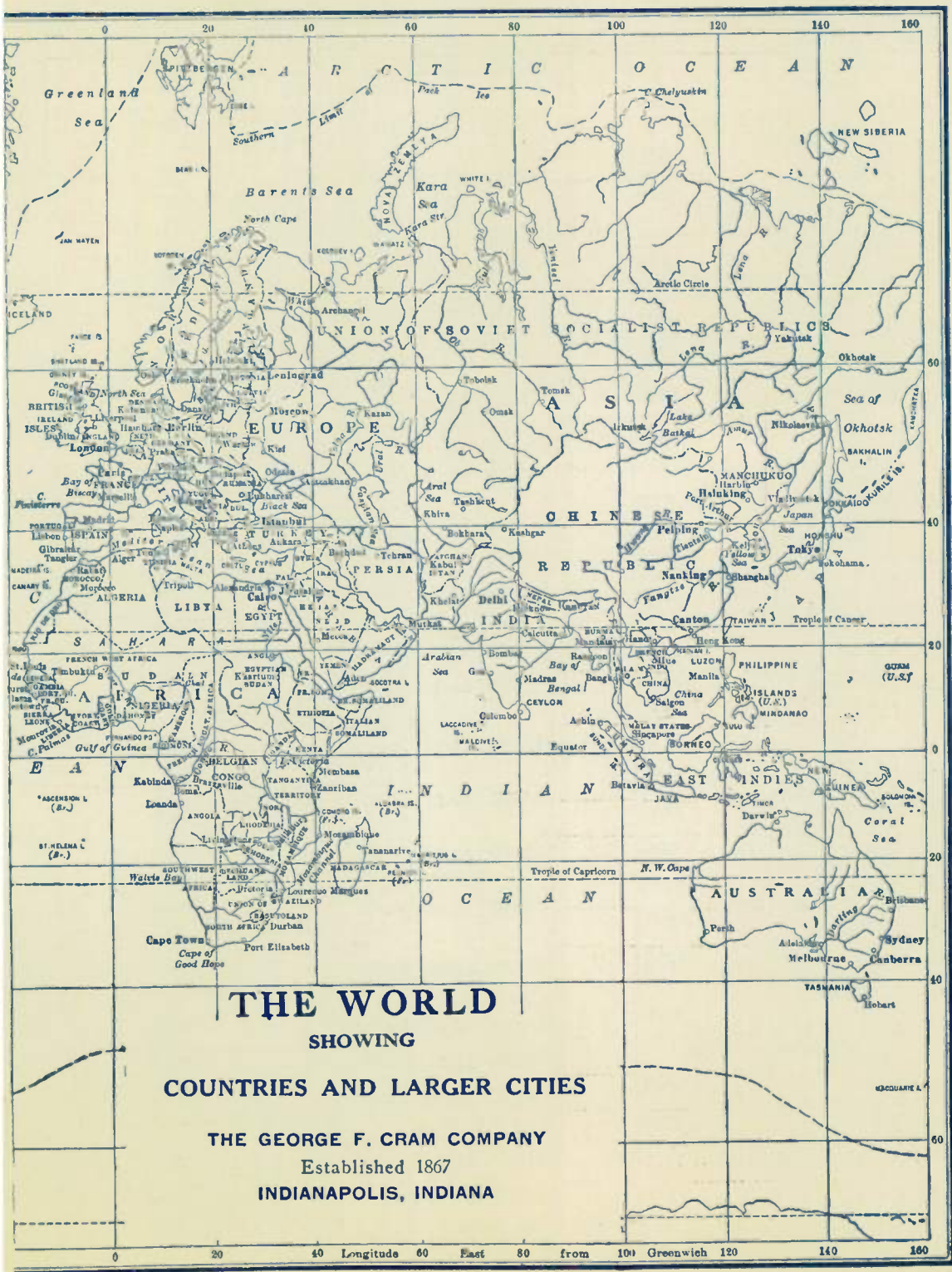
NEW JERSEY

Ashbury Park, (WCAP-1280)
Atlantic City, WFG-1100
Camden, WCAM-1280
Jersey City, (WAAT-940)
(WHOM-1450)
Newark, (WHBI-1250)
(WNEW-1250) (WOR-710)
Red Bank, WBRB-1210
Trenton, WTNJ-1280
Zarephath, WAWZ-1350

NEW MEXICO

Albuquerque, (KGGM-1230)
(KOB-1180)
Clovis, KICA-1370
Roswell, KGFL-1370
Santa Fe, KIUF-1310





THE WORLD

SHOWING

COUNTRIES AND LARGER CITIES

THE GEORGE F. CRAM COMPANY
 Established 1867
 INDIANAPOLIS, INDIANA

Principal Short Wave Stations of the World

Classified according to continents and arranged alphabetically by countries. Frequencies are given in kilocycles which may be converted into megacycles by placing a decimal point three places to the left; for example 7170 kilocycles is 7.170 megacycles. The type of program is indicated by the symbol at the beginning of the second line in each listing; P—Commercial phone; B—Broadcast; X—Experimental. The symbol (*) in the column headed "Dial" indicates stations broadcasting fairly regularly and those most likely to be tuned in satisfactorily.

KC.	Meters	Location	Call	Dial	KC.	Meters	Location	Call	Dial
AFRICA					14600	20.55	Tokyo	JVH	
7177	41.78	Angola Lobito	CR6AA				B 8:30 P. M.; 12:00 to 1:00 A. M., 4:00 to 8:00 A. M.		
20040	14.97	Belgian Congo Leopoldville	OPL		10740	27.93	Tokyo	JVM	*
10140	29.59	P Mornings Leopoldville	OPM		10660	28.14	Tokyo	JVN	*
7211	41.60	P 9:00 to 11:00 A. M.; 3:00 to 6:00 P. M. Canary Islands	EAGAB		10535	28.48	Taihoku, Taiwan	JIB	
13827	21.70	Tenerife Egypt	SUZ		9840	30.47	Chiba	JYS	
10055	29.84	Abu Zabel	SUV		7500	39.98	X Mornings, irregular	JVP	
7860	38.17	Abu Zabel	SUX		6750	44.44	Tokyo	JVT	
13380	22.39	Asmara Eritrea	IDU		6012	49.90	Malay States Singapore	ZHI	
11955	25.10	P 8:00 A. M. to 2:30 P. M. Ethiopia	ETB		6135	48.90	B 5:40 to 8:10 A. M. Mon., Wed., Th.; 10:40 to 1:10 A. M. Sat.	ZGE	
12825	23.39	Addis Ababa Morocco	CNR		10260	29.24	Kuala Lumpur	ZGE	
6097	49.20	Rabat Union of South Africa	ZTJ		8775	34.19	B 6:40 to 8:40 A. M. Sun., Tues., Fri.	PMN	
18890	15.88	Johannesburg	ZSS		6120	49.02	Netherland India Bandoeng	PNI	
10420	28.79	Klipheval ASIA	ZSW		5140	58.40	P 5:00 A. M. Daily	YDA	*
8750	34.26	Shanghai China	ZBW		16240	18.47	P 4:00 to 5:00 A. M. B 5:00 to 11:00 A. M., 10:30 P. M. to 1:30 A. M.	PMY	
6020	49.83	Hong Kong	CQN		14980	20.03	Bandoeng	KTO	
18345	16.35	Macau French Indo-China	FZS3		13240	22.66	Manila	KAY	
16200	18.50	Saigon	FZR3		9990	30.01	P 5:00 to 7:00 A. M.; 7:00 to 8:00 P. M.	KPJ	
11991	25.02	Saigon India	FZS2		17730	16.92	Manila	KAZ	
6110	49.10	Calcutta	VUC		15252	19.67	Siam Bangkok	HSP	
17510	17.13	Poona	VWY2		7626	39.31	P 4:30 to 6:30 A. M. U. S. S. R.	RIM	
9565	31.36	Bombay	VUB		4273	70.20	Tashkent	RIM	
8975	33.43	Bombay	VWY		11000	22.27	Tashkent	RV15	*
15740	19.06	P 11:00 A. M. to 12:30 P. M. Wed. and Sat.; 7:30 to 8:15 Sun.	VWY		10525	28.50	Khabarovsk	ZLT	
15670	19.15	Tokyo	JVE		9760	30.74	AUSTRALIA Wellington, N. Z.	VK2ME-VLK	
15620	19.21	Tokyo	JVF		9590	31.28	Sydney	VK2ME	*
		P 8:30 A. M. Japan	JVF		9580	31.30	P 1:00 to 7:00 A. M. Sydney	VK3LR	*
		Taihoku, Taiwan	JIA				P 1:00 to 8:00 A. M. Daily P 4:00 to 8:00 A. M.		
		Tokyo	JVE				B 1-3 A. M., 4:30-8:30 A. M., 9 A. M. to 1:30 P. M. Sun.		
		Tokyo	JVF				Melbourne		
		P 5:00 A. M. to 8:00 P. M.	JVF				B 3:15 to 7:30 A. M. Daily		

Principal Short Wave Stations of the World

KC.	Meters	Location	Call	Dial	KC.	Meters	Location	Call	Dial
9510	31.55	Melbourne B 4:00 to 7:00 A. M., 5:00 to 7:00 Sat.	VK3ME	*	9020	33.26	Rugby P Evenings	GCS	
7390	40.60	Wellington, N. Z. P 3:00 to 7:15 A. M. Irreg.	ZLT		8680	34.56	Rugby P Irregular	GBC	
EUROPE					6905	43.45	Rugby P Evenings	GDS	
Austria					4975	60.30	Rugby P Irregular	GBC	
7632	39.28	Wien (Vienna) B Irregular	OEJ		France				
6072	49.41	Wien (Vienna) B 9:00 A. M. to 5:00 P. M. Daily	OER2		19355	15.50	St. Assise P 10:00 A. M. to 2:00 P. M.	FTM	
Belgium					18240	16.44	St. Assise P Mornings	FTE	
19200	15.62	Bruxelles P Mornings	ORG		15880	18.89	St. Assise P 8:00 to 11:30 A. M.	FTK	
10330	29.04	Bruxelles B 1:30 to 4:00 P. M.	ORK	*	15243	19.68	Pontoise B 5:00 to 11:00 A. M. Daily	TPA2	*
Denmark					11950	25.11	St. Assise P 4:00 to 7:00 A. M.; 10:00 to 12:00 P. M.	FTA	
6060	49.50	Skamlebak B 1:00 to 6:30 P. M. Daily	OXY		11880	25.25	Pontoise B 2-5 A. M., 11:15 A. M. to 2:15 P. M., 3-6 P. M.	TPA3	*
England					11700	25.63	Pontoise B 6:00 to 9:00 P. M., 10:00 P. M. to Midnight	TPA4	*
21470	13.97	Daventry B 9:00 A. M. to Noon; 3:30 to 5:45 P. M.	GSH		Germany				
20380	14.72	Rugby P Mornings	GAA		20020	14.99	Nauen P Mornings	DHC	
18620	16.11	Rugby P Daytime	GAU		19240	15.60	Nauen P 10:00 A. M. to 2:00 P. M., Irregularly	DFA	
18310	16.30	Rugby P Mornings	GAS		17760	16.89	Nauen B 8:00 A. M. to 2:00 P. M., Irregularly	DJE	*
18200	16.48	Rugby P Daytime	GAW		17512	17.12	Nauen P 9:00 A. M.	DFE	
18040	16.63	Rugby P 10:00 A. M. to 2:00 P. M.	GAB		17260	17.37	Norddeich P Irregular	DAF	
17790	16.86	Daventry B 6:00 A. M. to Noon	GSG	*	15280	19.63	Zeesen B 12:30 to 6:30 A. M.	DJC	*
15260	19.66	Daventry B 12:15 to 4:00 P. M.	GSI		15200	19.74	Zeesen B 4-5:30 A. M. Sun.; 3:45 to 11:30 A. M. Daily	DJE	*
15140	19.82	Daventry B 9:15 A. M. to Noon, 6:00 to 7:30 P. M.	GSF	*	13180	22.76	Nauen X Mornings, Irregular	DGG	
14653	20.47	Rugby P 1:00 to 6:00 A. M.	GBL		12354	24.21	Norddeich P Mornings, Irregular	DAF	
14440	20.78	Rugby P Daytime	GBW		11760	25.51	Zeesen B Noon to 4:30 P. M., 5:00 to 10:30 P. M.	DJD	*
13585	22.09	Rugby P Daytime	GBB		11850	25.31	Zeesen B Noon to 2:00 P. M.	DJP	*
13415	22.36	Rugby P 3:00 to 8:00 A. M.	GCI		10850	27.63	Nauen X Irregular	DFL	
12780	23.47	Rugby P Irregular	GBC		10290	29.15	Zeesen X 3:30 to 8:30 P. M. Irreg.	DZC	
12150	24.69	Rugby P Afternoons	GBS		9560	31.38	Zeesen B 8-11:30 A. M., 5:15-9:15 P. M. Daily; 5-11 A. M. Sunday	DJA	*
11750	25.53	Daventry B 12:15-4:00 P. M., 9:00 P. M. to 1:00 A. M.	GSD	*	9540	31.45	Zeesen B 1:00 A. M. to Noon, 5:00 to 10:45 P. M.	DJN	*
10770	27.86	Rugby P 11:00 P. M. to 8:00 A. M.	GBP		8470	35.39	Norddeich P Irregular	DAF	
9950	30.13	Rugby P Evenings	GCU		6020	49.83	Zeesen B Noon to 4:30 P. M.	DJC	*
9800	30.59	Rugby P Evenings	GCW		Hungary				
9710	30.88	Rugby P 6:00 P. M.	GCA		15370	19.52	Budapest B 9:00 to 10:00 A. M. Sun.	HAS-3	*
9580	31.30	Daventry B 6:00 to 8:00 P. M.; 10:00 to 11:00 P. M.	GSC	*	9125	32.88	Budapest B 6:00 to 7:00 P. M.	HAT-4	*
9510	31.55	Daventry B 11:30 to 2:00 A. M., 12:15 to 5:45 P. M.	GSB	*					
9280	32.33	Rugby P Afternoons	GCB						

Principal Short Wave Stations of the World

KC.	Meters	Location	Call	Dial	KC.	Meters	Location	Call	Dial
Italy					U. S. S. R.				
19520	15.37	Roma P Mornings	IRW		15040	19.95	Moskva (Moscow) P 7:00 A. M.	RKI	*
17750	16.91	Pisa P Mornings	IAC		12000	25.00	Moskva (Moscow) B 4:00 to 6:00 P. M. Daily; 6:00 to 7:00 A. M. Sun.	RNE	*
15120	19.84	Vatican City B 10:30 to 10:45 A. M. Daily: 6-6:30 A. M., 3-3:15 P. M. Sunday	HVJ	*	6500	39.98	Moskva (Moscow) P 6:00 to 8:00 A. M.	RKI	
12795	23.45	Pisa X Mornings	IAC		NORTH AMERICA				
11810	25.40	Roma B 8:15 A. M. to 12:15 P. M., 1:15-5:15 P. M.	I2RO	*	Bahama Islands				
9830	30.50	Roma P Afternoons	IRM		4512	66.50	Nassau P Evenings	ZFS	
9635	31.13	Roma B 1:30-5:30; 6-7:30 P. M.	I2RO	*	Bermuda				
8380	35.80	Pisa X Irregular	IAC		10335	29.03	Hamilton X Irregular	ZFD	
6650	45.11	Pisa P Evenings	IAC		10055	29.84	Hamilton P Daytime	ZFB	
5969	50.30	Vatican City B 2-2:15 P. M. Daily; 5-5:30 A. M. Sunday	HVJ	*	5025	59.70	Hamilton P Nights	ZFA	
5555	54.00	Roma B 11:00 to 2:00 P. M., 5:00 to 7:30 P. M.	I2RO	*	Canada				
Netherlands					18170	16.51	Drummondville, Que. P Mornings	CGA	
18400	16.30	Kootwijk P 7:00 A. M.	PCK		13285	22.58	Drummondville, Que. P Daytime	CGA	
17830	16.82	Kootwijk P 6:00 to 9:00 A. M.	PCV		11720	25.60	Winnipeg, Man. B 7:00 P. M. to Midnight. Daily	CJRX	
17775	16.88	Huizen B 7:30 to 9:30 A. M. Daily; 8:30 to 11:30 P. M.	PHI	*	9332	32.15	Drummondville, Que. P Irregular	CGA	
15220	19.71	Eindhoven B 7:00 to 11:00 A. M. Irreg.	PCJ	*	6150	48.78	Winnipeg, Man. B 5:00 P. M. to Midnight	CJRC	
12050	24.90	Kootwijk P 7:30 A. M.	PDV		6110	49.10	Halifax, N. S. B 4:00 P. M. to Midnight	VE9HX	*
10415	28.80	Kootwijk P 7:30 to 9:45 A. M.	PDK		6095	49.22	Bowmanville, Ont. B 5:30 to 11:30 P. M.; 3 11:30 P. M., Sun.	CRCX	69
Norway					6070	49.42	Vancouver, B. C. B 6:00 to 7:30 P. M. Daily; 1:45 P. M. to 1:00 A. M. Sunday	VE9CS	*
9540	31.45	Jeloy B 11:00 A. M. to 6:00 P. M.	LKJ1	*	Costa Rica				
6130	48.91	Jeloy X	LCL		14485	20.71	Cartago P Daytime	TIU	*
Poland					6710	44.71	San Jose B 7:00 to 10:00 P. M.	TIEP	*
13636	22.00	Warsaw B 11:30 A. M. to 12:30 P. M., Mon., Wed., Fri.	SPW	*	6550	45.80	San Jose B Noon to 2:00, 6.00 to 10:00 P. M.	TIRCC	*
Portugal					Cuba				
9650	31.07	Lisbon B 3:30 to 6:00 P. M., Tues., Thurs, Sat.	CT1AA	*	9428	31.80	Habana B 8:00 A. M. to 10:00 P. M.	COCH	*
Spain					6150	48.78	Santiago B 8:00 A. M. to 11:00 P. M.	COKG	*
20860	14.38	Madrid P Mornings	EDM-EHY	*	6010	49.92	Habana B 9:30 A. M. to 12:30 P. M.; 4:00 to 10:00 P. M.	COCO	*
10070	29.79	Madrid P 4:00 P. M. Irregular	EHY		Dominican Republic				
9860	30.43	Madrid B 5:15 to 9:30 P. M. Daily	EAQ		6810	44.03	San Pedro B 12:15 to 2:00 P. M.; 7:00 to 8:00 P. M., Irregularly	HIH	*
Switzerland					6630	45.25	Trujillo B 6:00 to 9:00 P. M.	HIT	*
18480	16.23	Prangins X Special Programs, Irreg	HBH		6550	45.80	Trujillo B 4:45 to 7:45 P. M.	HI4D	
14550	20.60	Prangins X Irregular	HBJ		6320	47.47	Santo Domingo B 5:30 to 9:00 P. M., Daily	HIZ	*
9595	31.27	Prangins B 5:30 to 6:30 P. M. Sat.	HBL	*	6185	48.50	Trujillo B 5:00 to 9:00 P. M.	HI1A	*
7790	38.49	Prangins B 5:30 to 6:30 P. M. Sat.	HBP	*	5980	50.17	Santo Domingo B 8:00 to 10:00 P. M. Tues. and Fri.; 4:40 to 5:40 P. M., Daily	HIX	*

Principal Short Wave Stations of the World

KC.	Meters	Location	Call	Dial	KC.	Meters	Location	Call	Dial
Hawaii									
16030	18.71	Kahuku	KKP		11790	25.45	Boston, Mass.	W1XAL	
		P 1:00 to 7:00 P. M.					5:30 to 6:00 P. M., Daily; 3:30 to 5:00 P. M., 8:15 A. M. to 12:15 P. M., Sun- day		
11680	25.68	Kahuku	KIO						
		X Evening							
7520	39.89	Kahuku	KKH		10840	27.68	Dixon, Calif.	KWV	
		P Evenings					P Daytime		
Honduras									
6235	48.11	La Ceiba	HRD	*	10675	28.10	Lawrenceville, N. J.	WNB	
		B 8:00 to 11:00 P. M.					P Daytime		
5875	51.06	Tegucigalpa	HRN	*	10610	28.28	Rocky Point, N. Y.	WEA	
		B 6:30 to 10:00 P. M.					X Irregular		
Mexico									
7380	40.65	Mexico City	XEGR	*	10550	28.44	Lawrenceville, N. J.	WOK	
		B Sunday Evening					P Nights, Irregular		
6120	49.03	Veraacruz	XEFT	*	10400	28.85	Bolinas, Calif.	KEZ	
		B 11:00 A. M. to 4:00 P. M.; 7:30 P. M. to Mid.					X Irregularly		
6000	49.99	Mexico City	XEBT	*	10380	28.90	Rocky Point, N. Y.	WCG	
		B 6:00 P. M. to 1:00 A. M., Irregularly					X Irregularly		
Panama									
9610	31.22	Panama City	HP5J	*	9870	30.40	Lawrenceville, N. J.	WON	
		B 7:00 to 10:30 P. M.					P Evenings		
6030	49.75	Panama City	HP5B	*	9750	30.77	Lawrenceville, N. J.	WOF	
		B 12:00 to 1:00, 8:00 to 10:30 P. M.					P Evenings		
United States									
21540	13.93	Pittsburgh, Pa.	W8XK		9590	31.28	Philadelphia, Pa.	W3XAU	*
		B 7:00 to 9:00 A. M., Relays KDKA					B Noon to 8:00 P. M. Relays WCAU		
21420	14.01	Lawrenceville, N. J.	WKK		9570	31.35	Boston, Mass.	W1XK	*
		P Daytime					B 7:00 A. M. to 1:00 A. M. Relays		
19820	15.14	Lawrenceville, N. J.	WKN		9530	31.48	Schenectady, N. Y.	W2XAF	*
		P Daytime					B 4:00 P. M. to Midnight, Relays WGY		
18340	16.36	Lawrenceville, N. J.	WLA		9170	32.72	Lawrenceville, N. J.	WNA	
		P 8:00 A. M. to 4:00 P. M.					P Evenings		
17780	16.87	Bound Brook, N. J.	W3XAL	*	9010	33.30	Bolinas, Calif.	KEJ	
		B 8:00 A. M. to 3:00 P. M.					X Irregular		
17120	17.52	Ocean Gate, N. J.	WOO		8560	35.05	Ocean Gate, N. J.	WOO	
		P Irregular					P Irregular		
16270	18.44	Lawrenceville, N. J.	WLK		7610	39.42	Dixon, Calif.	KWX	
		P Daytime					P Nights		
15415	19.46	Dixon, Calif.	KWO		7565	39.66	Dixon, Calif.	KWY	
		P 2:00 to 7:30 P. M.					X Irregular		
15355	19.53	Dixon, Calif.	KWU		6750	44.41	Lawrenceville, N. J.	WOA	
		P 2:00 to 7:30 P. M.					P Nights		
15330	19.57	Schenectady, N. Y.	W2XAD	*	6140	48.86	Pittsburgh, Pa.	W8XK	*
		B 10:00 A. M. to 2:00 P. M.					B 9:00 P. M. to 1:00 A. M., Relays KDKA		
15270	19.65	Wayne, N. J.	W2XE	*	6120	49.02	Wayne, N. J.	W2XE	*
		B 11:00 A. M. to 5:00 P. M. Relays WABC					B 6:00 to 11:00 P. M. Re- lays WABC		
15210	19.72	Pittsburgh, Pa.	W8XK	*	6100	49.18	Bound Brook, N. J.	W3XAL	*
		B 9:00 A. M. to 7:00 P. M. Relays KDKA					B 4:30 P. M. to 1:00 A. M., Mon., Wed., Sat. Relays		
15055	19.92	Hialeah, Fla.	WNC		6100	49.18	Chicago, Ill.	W9XF	*
		P Daytime					B 8:00 P. M. to 1:00 A. M., Sun., Tue., Th., Fri. Relays		
14590	20.56	Lawrenceville, N. J.	WMN		6080	49.34	Chicago, Ill.	W9XAA	
		P Daylight					B Irregularly. Relays WCFL		
14470	20.73	Lawrenceville, N. J.	WMF		6060	49.50	Cincinnati, Ohio	W8XAL	*
		P Daylight					B 5:30 A. M. to 7:00 P. M., 10:00 P. M. to 1:00 A. M. Relays WLW		
13885	21.60	Rocky Point, N. Y.	WQP		6060	49.50	Philadelphia, Pa.	W3XAU	*
		X Mornings, Irregular					B 7:00 to 10:00 P. M. Re- lays WCAU		
13390	22.40	Lawrenceville, N. J.	WMA		6040	49.67	Boston, Mass.	W1XAL	*
		P Daytime					B 5:00 to 7:00 P. M. Sun., Tue., Th.; 7-9 P. M. Sun. Relays		
12840	23.36	Ocean Gate, N. J.	WOO		6040	49.67	Miami Beach, Fla.	W4XB	
		P Irregular					B 11:30 to 2:00 P. M., 8:00 P. M. to Midnight. Relays		
11870	25.27	Pittsburgh, Pa.	W8XK	*	5077	59.10	Lawrenceville, N. J.	WCN	
		B 5:00 to 9:00 P. M. Daily; Relays KDKA					P Evenings, Irregularly		
11830	25.36	Wayne, N. J.	W2XE	*	4753	63.10	Ocean Gate, N. J.	WOO	
		B 3:00 to 10:00 P. M. Relays WABC					P Irregular		
					4097	73.20	Hialeah, Fla.	WND	
							P Irregular		

Principal Short Wave Stations of the World

KC.	Meters	Location	Call	Dial	KC.	Meters	Location	Call	Dial
SOUTH AMERICA					6450	46.51	Barranquilla	HJ1ABB	*
Argentina					B 4:30 to 10:00 P. M.				
21160	14.19	Buenos Aires	LSL		6180	48.50	Bogota	HJ3ABF	
P 8:00 A. M. to 1:00 P. M.					B 6:00 to 11:00 P. M.				
21020	14.29	Buenos Aires	LSN		6150	48.80	Cali	HJ5ABC	*
P Daytime, Irregularly					B 7:00 to 10:00 P. M., Mon., Wed., Fri.				
19500	15.40	Buenos Aires	LSQ		6170	48.62	Tunja	HJ2ABA	*
P Irregular					B 7:00 to 11:00 P. M.				
18115	16.56	Monte Grande	LSY3		6120	49.02	Bogota	HJ3ABX	*
X Tests Irregularly					B 7:00 to 11:30 P. M.				
14530	20.65	Buenos Aires	LSN		6116	49.05	Cartagena	HJ1ABE	*
B Daytime P. M.					B 7:30 to 9:00 P. M. Daily; 10:30 P. M. Mon.; 8:00 P. M. Wed.				
10300	29.13	Hurlingham	LSL2		6055	49.55	Bogota	HJ3ABD	*
X Irregular					B 7:30 to 11:00 P. M.				
9900	30.28	Buenos Aires	LSN		6042	49.64	Barranquilla	HJ1ABG	*
B 6:00 P. M. to 6:00 A. M.					B 6:00 to 9:00 P. M.				
9800	30.61	Buenos Aires	LSI		5980	50.17	Bucaramanga	HJ2ABD	*
X Evenings, Irregularly					B 6:00 to 10:00 P. M.				
Bolivia					6010	49.90	Bogota	HJ3ABH	*
6080	49.30	La Paz	CP5	*	B 6:00 to 11:00 P. M. Daily; 4:00 to 9:00 P. M. Sun.				
B 7:00 A. M. to 9:00 P. M.					5760	52.08	Medellin	HJ4ABD	
Brazil					6090	49.27	Medellin	HJ4ABE	*
21080	14.23	Marapicu	PSA		B 11:00 A. M. to Noon; 7:00 to 10:15 P. M.				
P Daytime					Ecuador				
19260	15.58	Sepetiba	PPU		6676	44.93	Guayaquil	HC2RL	*
P 10:30 A. M. to 3:00 P. M.					B 5:30 to 7:30 P. M. Sun.; 9:00 to 11:00 P. M. Tues.				
14690	20.42	Rio de Janeiro	PSF		6620	45.31	Riobamba	PRADO	*
P 7:00 A. M. to 6:00 P. M.					B 9:00 to 11:00 P. M. Thur.				
11660	25.73	Rio de Janeiro	PPQ		Peru				
X Evenings, Irregularly					18680	16.06	Lima	OCI	
10220	29.35	Marapicu	PSH		P 2:00 P. M.				
P Evenings					10975	27.35	Lima	OCI	
9500	31.58	Rio de Janeiro	PRF5	*	P Evenings				
B 4:45 to 5:45 P. M. Daily					6230	48.15	Lima	OAX4G	*
8185	36.65	Rio de Janeiro	PSK		B 7:00 to 10:30 P. M.				
B Evenings, Irregularly					5780	51.90	Lima	OAX4D	*
7780	38.56	Sepetiba	PSZ		B 8:00 to 11:30 P. M., Wed., Sat.				
X 6:00 to 11:00 P. M., Irreg.					Venezuela				
Chile					18295	16.39	Maracay	YVR	
19680	15.24	Santiago	CEC		P 10:00 A. M.				
P 11:00 A. M., 4:00 P. M.					13345	22.48	Maracay	YVQ	
15865	18.91	Santiago	CEC		P Daytime				
P 11:00 A. M.; 1:00 to 4:00 P. M., Irregularly					9150	32.78	Maracay	YVR	
10670	28.12	Santiago	CEC	*	P Afternoons				
B 7:00 to 8:00 P. M. Daily; 8:30 to 9:00 P. M. Sun., Th.					6672	44.96	Maracay	YVQ	*
9533	31.40	Santiago	CB-954		X 8:00 to 8:45 P. M. Sat.				
Colombia					6520	46.01	Valencia	YV6RV	*
14100	21.25	Cali	HJ5ABE		B 5:30 to 9:30 P. M.				
X 7:00 to 12:00 P. M., Irreg.					6375	47.06	Caracas	YV4RC	*
11700	25.66	Medellin	HJ4ABA	*	B 4:30 to 10:30 P. M.				
B 6:30 to 10:30 P. M. Daily					6150	48.78	Caracas	YV3RC	*
9600	31.25	Cartagena	HJ1ABP	*	B 4:00 to 10:00 P. M.				
B 5:00 to 11:00 P. M.					5850	51.28	Maracaibo	YV4RMO	*
9510	31.55	Buenaventura	HJU	*	B 5:15 to 9:00 P. M.				
B Noon to 2:00, 8:00 to 11:00 P. M.									
7100	42.03	Bogota	HKE	*					
B 6:00 to 9:00 P. M., Tue., Sat.									

SHIPS

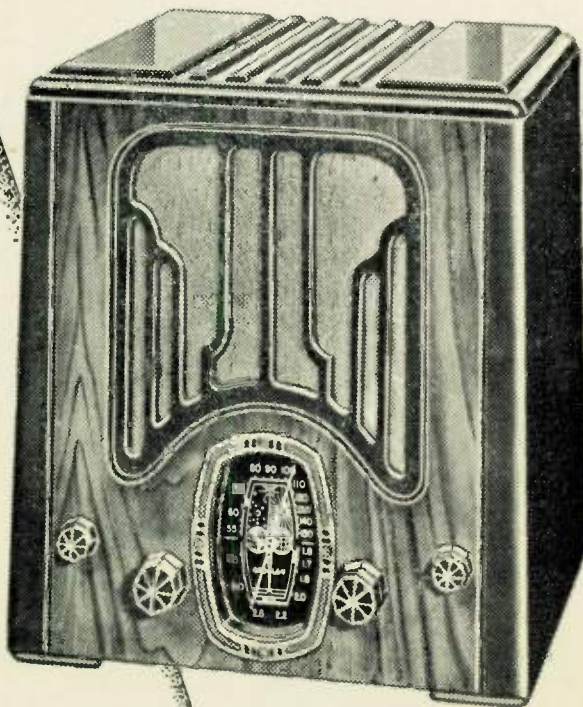
Ship stations broadcast on the following bands: 16.85-18.27 meters, 22.50-24.30 meters, 33.93-36.58 meters, and 67.87-73.17 meters.

GLRZ Aquitania	DDCP Cap Polonio	DOAI Europa	DDFT Oceana
DHAO Albert Ballin	DOBX Columbus	DHJZ Hamburg	GLSQ Olympic
GMJQ Belgenland	IBLI Conte de Savola	GD LJ Homerlc	FNCM Paris
GBZW Berengaria	IBEJ Conte Rosso	FTNQ Ile de France	VQJP Queen of Bermuda
DDBR Berlin	IBGI Conte Verde	GFVV Majestic	DDFF Reliance
DDAS Bremen	DDDT Deutschland	VQJM Monarch of Bermuda	DDCG Resolute
GFJY Caledonia	DHEY Deutschland	DDED New York	DHTY Resolute
DDEA Cap Ancona	GMBJ Empress of Britain	FNSK Normandie	ICEJ Rex

SPECIAL FEATURE HOUR REMINDER

HOUR	SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
A.M.							
7							
8							
9							
10							
11							
12							
P.M.							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
A.M.							
1							
2							
3							
4							
5							
6							

**AMAZING BEAUTY
SENSATIONAL PERFORMANCE
WORLD-LEADING VALUE**



CROSLEY
FIVE

You'll be surprised when you see and hear this radio wonder. Receives standard, police, amateur, aviation broadcasts. Beautiful cabinet. Come in!

WHATEVER HAPPENS...
You're *There* with a **CROSLEY**