



PHILCO

All-Wave

RADIO LOG

New 1934 Edition

PRICE **10** CENTS

MITCHELL FURNITURE CO.
POUGHKEEPSIE, N. Y.

REL 41

Spring 1934

50	75	100	150	200	250	300	500	750	1000	POWER	1500	2000	2500	5000	10000	15000	25000	50000
F	G	H	I	J	K	L	M	N	O	CODE	P	Q	R	S	T	U	V	W

There are only 97 numbers on YOUR dial to accommodate more than 700 radio stations of North America. Stations at each number are listed MAP-LIKE beside 97 blank spaces. The 97 groups are in exact order, so, YOUR dial number recorded every 5th, or 10th, space enables you to estimate those skipped. To identify those heard by chance, station announcements will seldom be necessary. You can expect to hear stations of greater power, from greater distances. Note the letter at the extreme right and code above.

*Columbia (WABC) †National Red (WEAF) ‡National Blue (WJZ) †National Red OR Blue Network

Revision 41

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161 WEST HARRISON ST., CHICAGO, ILLINOIS

SPRING 1934

WESTERN Wash., Ore., Cal., Utah, Etc.	MIDDLE WESTERN Minn., Ia., Neb., Mo., Tex., Etc.	KILO	Dial No.	CENTRAL Ill., Mich., Ohio, Tenn., Etc.	EASTERN Mass., N. Y., Pa., N. C., Etc.
CJRM Mouse Jaw, Sask. . . . M	†KSO-KFUO St. Louis, Mo. M	540		*WKRC Cincinnati, Ohio. . . . O	*WGR Buffalo, N. Y. O
KFDY Brookings, S. D. . . . O	†KFYR Bismarck, N. D. . . . O	550		*WDEW Waterbury Vt. M	†WFI-TVLIT Philadelphia. M
KOAC Corvallis, Ore. O	KFDM Beaumont, Tex. . . . O	560		*WNOX Knoxville, Tenn. . . . O	†WQAM Miami, Fla. O
*KLZ Denver, Colo. O	*KFTO Springfield, Mo. . . . M	570		*WBN Youngstown, Ohio. M	*WNC Asheville, N. C. . . . O
*KTAB San Francisco, Cal. . . O	*KGGK Wichita Falls, Tex. M	580		*WOSU Columbus, Ohio. . . . O	*WMC New York (WSYR) M
*KVI Tacoma, Wash. O	*WIBW Topeka, Kas. O	590		*WOBU Charleston, W. Va. M	†WTAQ Worcester, Mass. . . . M
*KMTL Los Angeles, Cal. . . . M	*KSAC Manhattan, Kan. . . . O	600		*WBOO Orlando, Fla. K	†WEEI Boston, Mass. O
CKUA-CHMA Edmonton M	†WOW Omaha, Neb. O	610		WKZO Kalamazoo, Mich. . . . O	*WICC Bridgeport (WCAC) M
KMJ Fresno, Cal. M	XEPN Pedras Negras, Coah W	620		†CFCF Montreal, Que. . . . M	*WCAO Baltimore, Md. . . . K
†KHQ Spokane, Wash. O	*WMT Waterloo, Iowa. . . . M	630		WJAY Cleveland, Ohio. . . . M	*WIP Philadelphia, Pa. M
KFQD Anchorage, Al. K	†WOAF Kansas City, Mo. . . . O	640		†WREC Memphis, Tenn. . . . M	*WLBZ Bangor, Maine. O
†KFSD San Diego, Cal. M	KFRU Columbia, Mo. M	650		WJMJ Milwaukee, Wis. O	†WFLA-TVWSUN Florida. . . O
*KFRC San Francisco, Cal. . . O	WOS Jefferson City, Mo. . . . M	660		WGBF Evansville, Ind. M	†CFCY Charleston, S. C. . . . M
KGW Portland, Ore. O	WOI Ames, Iowa. S	670		WAIU Columbus, Ohio. M	†WMAL Washington, D. C. . . . K
†KTAR Phoenix, Ariz. M	XFG Mexico City, D. F. . . . Q	680		WSM Nashville, Tenn. W	WEAF New York City. W
CJGX Yorkton, Sask. M	WAAW Omaha, Nebr. M	690		XEM Matamoros, Tams. . . . W	†WPTF Raleigh, N. C. S
†KFI Los Angeles, Cal. W	KFEQ St. Joseph, Mo. R	70c		†WMAQ Chicago, Ill. S	*CFRB Toronto, Ont. S
KPCB Seattle, Wash. H	XET Monterey, Mex. M			CMAF Havana, Cuba. O	
				NAA Arlington, Va. O	
†KPO San Francisco, Cal. . . . W				†WLW Cincinnati, Ohio. . . . W	
CJCY Calgary, Alta. M					

KMPC Beverly Hills, Cal. . . . M	XEN Mexico City. O	710			WOR Newark, N. J. W
CJCA Edmonton, Alta. O	XEF-XER Villa Acuna. . . . W	720		WGN Chicago, Ill. W	*CKAC Montreal, Que. S
†KGU Honolulu, Hawaii. . . . R	KMMJ Clay Center, Neb. . . . O	730		CMK Havana, Cuba. S	*WHEB Portsmouth, N. H. . . . K
KXA Seattle, Wash. M	WEW St. Louis, Mo. O	740		WSB Atlanta, Ga. W	†WJZ New York (WBAL). W
	*KFAB Lincoln, Nebr. V	750		†WJR Detroit, Mich. T	
KELW-KTM California. M	XEP Mexico City. O	760		*WBDM Chicago, Ill. V	*WEAN Providence, R. I. . . . M
†KGO San Francisco, Cal. . . . T	†WBAP Ft. Worth, Tex. . . . W	770		†WMC Memphis, Tenn. . . . O	*WTAR Norfolk, Va. M
	†WFAA Dallas, Tex. W	780		CMCQ Havana, Cuba. M	†WGY Schenectady, N. Y. . . . W
	*WCCO Minneapolis, Minn. W	790		CMJK Camaguey, Cuba. . . . M	
	XFI Mexico City, Mex. . . . O	800			WNYC New York City. . . . M
	†KOA Denver, Colo. W	810		*WHAS Louisville, Ky. W	WHOM Boston, Mass. O
CJOC Lethbridge, Alta. H	XETM Matamoros, Tams. . . W	820		WRUF Gainesville, Fla. . . . S	WEEU Reading, Pa. O
KIEV Glendale, Cal. H	KWKH Shreveport, La. . . . T	830		*CKLW Windsor-Detroit. . . . S	CMC Havana, Cuba. M
	WHB Kansas City, Mo. . . . M	840		WWL New Orleans, La. . . . T	
	XEOK Tijuana. R	850			*WABC-WBOQ New York. W
		860		†WENR-†WLS Chicago, Ill. W	
	WSUI Iowa City, Ia. M	870		WCOC Meridian, Miss. . . . O	CRCO Ottawa, Ont. O
KLX Oakland, Cal. O	KFKA-KPBF Colorado. . . . M	880		WMMN Fairmont, W. Va. . . K	WGBI-WQAN Scranton, Pa. . . O
KSEI Pocatello, Idaho. . . . K	KUSF Vermillion, S. D. . . . M	890		WILL Urbana, Ill. K	*WGST Atlanta, Ga. M
KARK Little Rock, Ark. . . . M	KKNF Shenandoah, Ia. . . . M	900		WLBL Stevens Pt., Wis. . . . R	†WJAR Providence, R. I. . . . M
KGBU Ketchikan, Alaska. . . . M	*WKY Okla. City, Okla. . . . O	910		CMX Havana, Cuba. M	†WBEW Buffalo, N. Y. O
*KHJ Los Angeles, Cal. O	XEW Mexico City. S	920		XFF Chihuahua, Ch. M	†WJAX Jacksonville, Fla. . . . O
CKY Winnipeg, Man. S	KPRC Houston, Texas. . . . O	930		†WVJ Detroit, Mich. O	CRCM Montreal, Que. S
†KOMO Seattle, Wash. O	KFEL-KFXF Denver. M	940		WAAF Chicago, Ill. M	WBSO Needham, Mass. . . . M
KROW Oakland, Cal. O	KMA Shenandoah, Ia. . . . M	950		*WBRC Birmingham, Ala. . . M	HHK Port au Prince, Haiti. M
KFWJ San Francisco, Cal. . . . M	KGBZ York, Nebr. M	960		†WAVE Louisville, Ky. O	*WOBJ Roanoke, Va. O
*KOIN Portland, Ore. O	†WDAY Fargo, N. D. O	970		XEFO Mexico City, Mex. . . . T	†WCSH Portland, Maine. . . . R
KFWB Hollywood, Cal. O	*WMA Madison, Wis. O	980			WAAT Jersey City, N. J. . . . M
	KHBC Kansas City, Mo. . . . O	990			†WRC Washington, D.C. . . . M
	†KGHL Billings, Mont. . . . O				†CRCT Toronto, Ont. S
	XEAW Reynosa, Tams. . . . T				WIBG Glenside, Pa. H
†KJR Seattle, Wash. S	XEAF Tijuana, Mexico. . . . Q				†KOKA Pittsburgh, Pa. W
					WJEM Tupelo, Miss. M
					†WBZ-WBZA Boston, Mass. W

50 F	75 G	100 H	150 I	200 J	250 K	300 L	500 M	750 N	1000 O	POWER CODE	1500 P	2000 Q	2500 R	5000 S	10000 T	15000 U	25000 V	50000 W	
WESTERN										KILO Dia INo.	CENTRAL					EASTERN			
KFVD Los Angeles, Cal. K	†WHO-WOC Des Moines-Dav'pt, W				100o											WORK York, Pa. O			
CKKQ-CHWC Regina, Sk. M	KGGF Conwayville, Kas. M				101o						†WIS Columbia, S. C. M					WHN New York City. O			
KQW San Jose, Cal. M	WVAD Norman, Okla. M				102o						†KYW Chicago, Ill. T					WRAX Philadelphia, Pa. K			
CFCN Calgary, Alta. T	XEB Mexico City. T				103o						CKNC Toronto, Ont. H					CFNB Fredericton, N.B. M			
KNX Los Angeles, Cal. V	†KTHS Hot Springs, Ark. T				104o						WKAR E. Lansing, Mich. O					WESG Elmira, N. Y. O			
KWJJ Portland, Ore. M	*KRLL Dallas, Tex. T				105o											CHNS Halifax, N. S. M			
KJBS San Francisco, Cal. H	KFBI Abilene, Kas. S				106o											†WTIC Hartford, Conn. W			
	WJAG Norfolk, Nebr. O				107o						†WTAM Cleveland, Ohio. W					WBAL Baltimore, Md. T			
	WDZ-WCAZ Illinois. H				108o						WMBI Chicago, Ill. (WCBD) S					*WBT Charlotte, N. C. W			
	*KMOX St. Louis, Mo. W				109o														
CRCV Vancouver, B. C. O					110o											WLWL New York City. S			
KGDM Stockton, Cal. K	KSOO Sioux Falls, S. D. W				111o						XENT Nueve Laredo, Mex. W					*WPG Atlantic City, N. J. S			
KFIO-KRSC Washington. H	*KTRH Houston, Tex. O				112o						CFCA Toronto, Ont. H					CHGS Summerside, P. E. I. H			
KFSG-KRKD Los Angeles M	WTAW College Station, Tex. M				113o						*WISN-WHAD Milwaukee. K					WDEL Wilmington, Del. R			
*KSL Salt Lake City, Utah. W	XEM Monterey, Mex. K				114o						WJJD Chicago, Ill. U					WOV New York City. O			
XETA Mexico City. O	†KVOO Tulsa, Okla. V				115o						†WAPI Birmingham, Ala. V								
					116o											†WHAM Rochester, N. Y. W			
					117o						*WOWO Ft. Wayne, Ind. T					*WWVA Wheeling, W. Va. S			
†KEX Portland, Ore. S	WDGY Minneapolis, Minn. M				118o						WMAZ Macon, Ga. M					*WCAU Philadelphia, Pa. W			
KOB Albuquerque, N. M. T	†WOAI San Antonio, Texas. W				119o											WINS New York City. M			
KQVO Missoula, Mont. H	WBBZ-WCAT-WIL-KMLB				120o						WJBW-WBBX-WFAM					WSAZ Huntington, W. Va. M			
KERN-KWG-CKOV-KVOS	KQDE-KFJB-KBTM-KGHI				120o						WVAE-WJBL-WJBC-WFBE					WABI-WNBO-WPHR-CKTB			
KSUN-KGEC-KGFJ-KFXD	WBHS-WHET-KGMP				120o						WCLO-WHBY-WFBC					WIBX-WKBO			
	KFVS-KWEA-KDLR-WBQ				121o						WJW-WALR-WCBS-WKFI					WJJC-WHBC-WRBL-WCAJ			
KGY-KFJI-KASA	KFOR-KGCR-WTAX-KFPF				121o						WJW-WALR-WCBS-WKFI					WJBI-WGBB-WBBL-WFAS			
KIEM-KFXM-KPPC Cal. H	WHBF-WOMT-WGCM-WIBU				121o						WSEN-WHBU-WSIX-WJBY					WQDX-WPRD-WBAX-WKOK			
KTW-KWSC Wash. O	†WREN-KFKU Kansas City O				122o						WIBC-WCRW-WEDC Chgo. H					*WMBQ WSOJ-WJEJ			
CFQC Saskatoon, Sask. M	KGGM Albuquerque, N.M. M				123o						*WDAE Tampa, Fla. O					†WCAE Pittsburgh, Pa. O			
KYA San Francisco, Cal. O	KLPB Miami, Fla. M				123o						*WSBT South Bend, Ind. M					*WNAC Boston, Mass. O			
KGOU Mandan No. Dakota M	*KTAT Ft. Worth, Tex. O				124o						*WFBM Indianapolis, Ind. O					WKQA San Juan, P. R. O			
KTFI Twin Falls, Idaho. M	WLB-WRHM Minneapolis M				125o						WXYZ Detroit, Mich. O					WNEW New York. O			
KFOX Long Beach, Cal. O	WCAL Northfield, Minn. O				125o						*WDSU New Orleans, La. O					WGCP Newark N. J. O			
					126o						*WTOC Savannah, Ga. M					*WLBW Erie, Pa. O			
KVOA-KWWG-KRGV Tex M	†KOIL Council Bluffs, Ia. O				126o						WASH-WOOD Gr. Rpd. S.					†WFBR Baltimore, Md. O			
*KOL Seattle, Wash. O	KWLC-KGCA Decorah, Ia H				127o						*WJDX Jackson, Miss. O					*WORC Worcester, Mass. O			
KFBB Great Falls, Mont. O	KFOR Colo Springs, Colo. O				127o						*WDOD Chattanooga, Tenn. O					*WTNJ-WCAM-WCAP NJ M			
†KDYL Salt Lake City. O	†WIBA Madison, Wis. M				128o											*WJAS Pittsburgh, Pa. O			
KALE-KFJR Portland, Ore M	*WRR Dallas, Tex. M				128o											WNL San Juan, P. R. M			
KFAC Los Angeles, Cal. O	†WBCB Superior, Wis. M				129o											WBR-WFAB New York. M			
KMED-KFBK-KXRO-KFYO	*KTSA San Antonio, Tex. O				129o											WEVD-WHAZ New York. M			
KIFH-KGCX-KFPL-WDAJ	†KFH Wichita, Kas. O				130o						†WIOD-WMBF Miami, Fla. O					WOL-WKAV-WEBR-WTEL			
KCRJ-KIT-KGFW-CFJC	WQO Kansas City, Mo. O				130o						WTRC-WRA W-WBRE					WGH-WHAT*WSJS WNBH			
KID Idaho Falls, Idaho. K	KTSM-WKBC-KFXR				131o						WEXL-WTJS-WDFD-WBEO					WJAC-WFBG-WGAL-WSAJ			
KMO Tacoma, Wash. K	WAML-KRMD-KGEZ				131o						WBOW-WMBO-WROL-WLBC					*WADC Akron, Ohio. O			
KGB San Diego, Cal. O	KGBX-WCL5-KFGQ				131o						†WSMB New Orleans, La. M					*WDRG Hartford, Conn. O			
*KFPY Spokane, Wash. O	KGHF Pueblo, Colo. K				132o						†WSAI Cincinnati, Ohio. O					WCOA Pensacola, Fla. M			
KIDO Boise, Idaho. O	*KSCJ Sioux City, Ia. O				133o						*WSPD Toledo, Ohio. O					WNBX New York (WAWZ) K			
KGER Long Beach, Cal. O	*WTAQ Eau Claire, Wis. O				133o						WEHC Charlottesville, Va. M					*WFBL Syracuse, N. Y. O			
KGAR-KFJM-KFBL-KICA	†KWK St. Louis, Mo. O				135o						WGES Chicago, Ill. M					WCSG Charleston, B. C. M			
KOOS-KRE-KVL-KUJ	†KGR Butte, Mont. M				136o						WHDF-WHBD-WJBK-WIBM					WLEY-WSVS-WGBM-WRDO			
*KOH Reno, Nev. M	WQBC Vicksburg, Miss. O				136o						*WGL-WHBQ-WRJJ-WJTL					WRAK-WDAS-WRAM-WBTM			
*KOY Phoenix, Ariz. O	KQFC-KCRC-KMAC-KONO				137o						WSMK Dayton, Ohio. J					WGLC-WLVA-WMBR			
KLO Ogden, Utah. M	KQKL-KLUF-KWKC-KSO				137o						*WHK Cleveland, Ohio. O					KQV Pittsburgh, Pa. M			
KGRS-WDAG Amarillo, Tex O	†KTLR Little Rock, Ark. O				139o						†WKBF Indianapolis (WBAA)					WARD-WVFW-WBBC NY M			
KGIX-WACO	KTLU Tulsa, Okla. K				140o						*WBCM Bay City, Mich. M					*WAAB Boston, Mass. M			
KGFF-KUMA-KORE-KBPS	WHBL Sheboygan, Wis. M				141o						*WODX WSA Alabama. H					WHIS Bluefield. (WRBX) H			
KGGC-KXL-KGIW-KIDW	KFLV Rockford, Ill. M				141o						WELL-WMBC-WPA-WAMC					WLEU-WTBO-WILM-WJMS			
CFCT Victoria, B. C. F	WMBH-WFSA-KAGC-WJBO				142o						WKBI-WHFC-WEHS Chgo H					WSPA-WAGM-WHDL-WMAS			
KECA Los Angeles, Cal. O	KFIZ-KICKI-KWCR-KCMC				142o						*WCAH Columbus, Ohio. M					anc ester			
KDFN Casper, Wyo. M	KGNF No. Platte, Neb. M				143o						WNBK Mem b'la Tenn M					*WHP*WBAK*WHCE*WOKO			
KLS Oakland, Cal. K	*WMBD Peoria, Ill. M				144o						*WBIJ Greensboro, N. C. M					WCBA-WSAN Allentown. K			
	WTAD Quincy, Ill. M				144o						†WGAR Cleveland, Ohio. M					AR Hall ver			
	CKX Brandon, Man. M				145o						WTFI Athens, Ga. M					WHOM J C't N J. K			
	†KTBS Shreveport, La. O				146o											*WJSV Washington, D.C. T			
	†KSTP St. Paul-Minneapolis. U				147o														
	*KOMA Oklahoma City, Okla S				148o														
					149o											*WKBW Buffalo, N. Y. S			
KREG DB Iformla. H	KGGK-KNOW-KPJM				150o						†WCKY Covington, Ky. S					WSW-WFD NBF WCNW			
KXO-KGFK-KPQ	WHEF-KNGY-KGFI				150o						WMPC KEU WRD					WKBZ-WKBV-WOPI-CRCS			

Of the 97 frequencies, 40 are used individually by super-power stations at night: 640 to 870; 980 to 1170; 1460 to 1490. How many of them can you tune in?

Principal Short Wave Stations Being Heard in America

In the list below, we have endeavored to give the Short Wave Listener something tangible to shoot at with reasonable likelihood of success. The Time is for Central Standard. You will note Megacycles (Megs) continue the Kilocycle numbers on preceding pages, except that a decimal is used in place of a comma. 1.71 Megs is identical to 1,710 Kilocycles. **SHORT WAVE TUNING IS DIFFERENT!** Do not expect to hear short wave stations from all over the world at any time the receiver is turned on. Tune systematically. Refer to this list and try for those stations that are operating at the time you are tuning (usually evening hours at the point of broadcast). Simply because a station is on the air, do not assume that it should necessarily be heard in your location. There are skip distances to be considered, storms between you and the station, as well as other obstacles to overcome. A station may be heard on schedule one day, and not the next. Tune slowly and carefully. Be guided by side notes and notice that stations shift assignments with hours of the day. Very few foreign stations will be heard below 6.00 Megacycles. These suggestions are offered as practical tips on tuning. There are always possible exceptions to the rule.

Megs. Mtrs.

1.71 175.2
2.41 124.2
2.42 123.8
2.43 123.3
2.44 122.8
2.45 122.4
2.46 122.0
2.47 121.6
3.46 86.77
3.91 75.40

Police

Airplanes Amateurs

After dark Nighttime best

BEST

NIGHT TIME

EARLY EVENING

4.00 75.00	HC1B	Quito, Ecuador	6:30 to 11:30 except Mon.
4.24 70.65	RV15	Khabarovsk, USSR	2:00 to 7 AM
4.54 66.00		Ships at Sea	
5.67 52.94		Airplanes	Daytime
5.68 52.82	VK3LR	Melbourne, Australia	4-6:30 AM
5.70 52.65	HCK	Quito, Ecuador	7-10 PM
5.83 51.49	HJZABA	Tunja, Colombia	6:30-9:00 PM
5.86 51.20	HJHABE	Nedelin, Colombia	6-10 M; 7-9 T; 7-10 W.F.
5.95 50.40	HUX	Santo Domingo	6:30-9 PM Sun.; 7-9 Tu-Fr.
5.97 50.25	COC	Havana, Cuba	3:00-5:00 PM
5.97 50.26	HVJ	Vatican City	1-1:15 PM, 4-4:30 AM Sun.
6.00 60.00	RV59	Moscow, USSR	1-5 PM Daily
6.02 49.83	DJC	Zeesen, Germany	5:00-10:00 PM
6.04 49.67	W4XB	Miami Beach, Fla.	10A-12N; 1-15-7 PM
6.04 49.60	GSA	Daventry, England	7-12 PM (WCAU)
6.06 49.50	W3XAU	Philadelphia, Pa.	

6.06 49.50	W8XAL	Cincinnati, O.	Irregular (WLW)
6.06 49.50	VQ7LO	Nairobi, Kenya Col.	Irregular
6.07 49.40	OXY	Skamleback, Den.	1-5:30 PM
6.08 49.30	CP5	LaPaz, Bolivia	5:30-7 PM; 8-10:30 PM
6.09 49.22	VE9GW	Bowmanville, Ont.	
6.10 49.18	W9XF	Chicago, Ill.	3:30-7PM; 8:30-Mid. (WENR)
6.10 49.18	W3XAL	Boundbrook, N. J.	3:30-11 PM Sat. (NBC)
6.11 49.10	VUC	Calcutta, India	8:30-11 AM
6.11 49.08	VE9HX	Halifax, N. S.	5-8 PM
6.11 49.08	V18BC	Caracas, Venez.	4-15-30 AM
6.12 49.02	PK1WK	Bandong, Java	4-5:30 AM Daily
6.12 49.02	W2XE	Wayne, N. J.	4:00-9:00 PM (WABC)
6.12 49.00	JB	Johannesburg, S. A.	7-9:30 AM & 10-2:30 PM
6.14 48.86	W8XC	Pittsburgh, Pa.	3:30 to Midnight (KDKA)
6.14 48.80	YV3BC	Caracas, Venez.	3:30-9 PM
6.18 48.50	TGW	Guatemala City	4-11 PM Irregular
6.25 48.00	HJ3ABF	Bogota, Colombia	11-12 PM
6.25 48.00		Army	
6.28 47.80	H11A	Dominican Republic	6:30-8:30 PM Tu, Th, Fr.
6.31 47.50	H1Z	Santo Domingo, R. D.	9-11 PM Sun; 3:30-4:30 daily
6.38 47.00	HJ5ABD	Cal, Colombia	5-9 PM Irregular (NBC)
6.43 46.69	W3XAL	Boundbrook, N. J.	
6.44 46.60	HJ1ABB	Barranquilla, Col.	5-9 PM
6.61 45.38	REN	Moscow, USSR	12 Noon-5 PM
6.63 45.31	PRADO	Riobamba, Ecuador	8-10:30 PM Thurs.
6.65 45.11	KFZ	Byrd Expedition	Irregular
6.66 45.00	H02RL	Guayaquil, Ecuador	4:15-7 PM Sun; 8-10 Tu.
6.84 43.86	HAS2	Budapest, Hungary	2-4 PM
6.94 43.23	W2XBJ	Rocky Point, N. Y.	Tests, Europe & Byrd
6.99 42.92	LCL	Jeloy, Norway	10 AM-5 PM
7.20 41.60	YV2AM	Maracaibo, Venez.	7-9 AM Sun.
7.21 41.00	HJ4AB	Manizales, Colombia	11-12 PM Irregular
7.40 40.55	HJ3AB	Bogota, Colombia	8-10 PM
7.40 40.54	W2XBJ	Rocky Point, N. Y.	Tests, Europe & Byrd
7.79 38.47	HBP	Geneva, Switz.	4:30-5:15 PM Sat.
8.04 37.33	CNR	Rabat, Morocco	1:30-4 PM Sun.
8.18 36.65	PSK	Rio de Janeiro, Br.	6-6:30
8.32 35.90	KFZ	Byrd Expedition	Irregular

8.51 35.26		Ships at Sea	Irregular
9.45 31.74	W2XBJ	Rocky Point, N. Y.	Tests, Europe & Byrd
9.50 31.56	G5B	Daventry, England	8 AM-5 PM Daily
9.51 31.55	VK3ME	Melbourne, Aus.	4-5:30 AM Wed. & Sat.
9.52 31.51	OXY	Skamleback, Den.	1-5:30 PM
9.53 31.48	W2XAF	Schenectady, N. Y.	7 AM-9 PM
9.57 31.38	DJA	Zeesen, Germany	Noon-7:30 PM
9.57 31.35	W1XAZ	Springfield, Mass.	Irregular
9.58 31.30	GSC	Daventry, England	5-7 PM
9.59 31.28	VK2ME	Sydney, Australia	12-2 AM; 4-10 AM Sun.
9.59 31.28	W3XAU	Philadelphia, Pa.	11 AM-5 PM (WCAU)

(Continued on Page 10)

"Squad car number 13. Go to 537 Smart Street. A woman killed." There's a lurid murder story in the making and YOU are a jump ahead of Sherlock Holmes himself! See the map on page 11, for frequencies and locations.

The Olympic gods had nothing on you who sit in snug safety before your radio listening to an aviator reporting his battle with a mountain snowstorm to the ground station many miles distant.

There are perhaps 30,000 amateurs having wide spots on your dial. About 1.87, 3.93 and 14.40 megacycles. You'll hear them from surprising distances. Amateurs, or "hams" receive and transmit messages among themselves.

To radio fans who are lovers of music Zeesen, Germany, has become synonymous with the best in music from the great chorals of Bach to the timeless symphonics of Beethoven.

Typical of the land of Russia are the canorous chimes of the Kremlin and the potygot propaganda that one may hear, if one's lucky, from Moscow's Soviet station.

Venezuela's two stations at Caracas are remarkable for their clarity of reception. Therefore, if you enjoy typical South American programs, you'll find pleasure listening to them.

Would you like to see Barranquilla, the aerial gateway to Colombia? Then just report ten receptions of programs heard from HJ1ABB. "La Voz de Barranquilla;" and in return you'll receive postcard views of this seaport city.

"The diffusion of Ecuadorian culture" is the expressed aim of the stations at Riobamba and Guayaquil. Consequently from the mountains to the seacoast of Ecuador you may hear stately native music as well as musical programs of universal appeal.

The "tri-lingual" voice of the League of Nations speaks every Saturday from 4:30 to 5:15 P.M. By tuning in HBP or HBL at this time you can HEAR history in the making!

Listen to the kookaburra. Australia's national bird, the laughing jackass! He performs over VK2ME every Sunday morning.

One of the world's five pioneer short wave stations may be heard from Heredia, C. R., "the city of flowers in the land of the coffee trees."

Maybe it's the Solano, the fierce prevailing winds of Madrid, that give so much power to EAQ over which come the fantastic mountain songs of Spain.

Personality plus fairly oozes through the air waves in the voice of Edward Startz from Hulzen, Holland.

Typical of prolific Italy is its daily opera broadcasts from Rome.

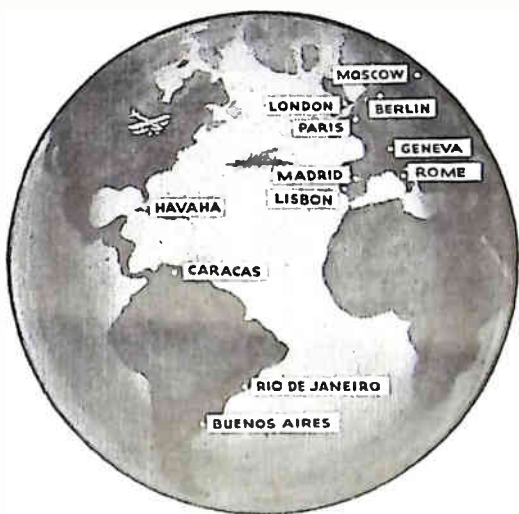
"All through this hour, Lord be my guide,
And by Thy power no foot shall slide."

So sing the chimes of Big Ben from the Daventry stations across land and sea and from pole to pole of this spinning planet.

Tune-in the World!

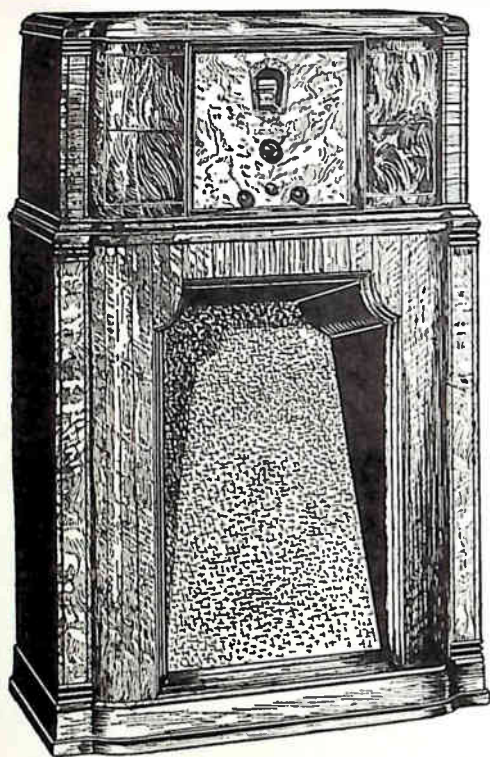
New 1934 All-Wave

PHILCO



Listen to England, Germany, France, Russia, South America, etc. etc.

Across the seas—or across the street—it's all the same to the new 1934 PHILCO All-Wave Models—the finest ever designed! You've never heard such marvelous standard and short-wave reception as provided by these sensational new PHILCOS. Tune-in foreign stations regularly, clearly and at full room volume—all in addition to receiving your favorite American programs, of course, as only PHILCO can bring them in!



All-Wave PHILCOS at All Prices

Be sure to hear these startling new All-Wave PHILCOS. Latest features, including Two Tuning Ratios, Wave-Band Switch, Bass Compensating Tone Control, Patented Inclined Sounding Board, Shadow Tuning, etc.

Call at our store. You'll find a wide selection of new 1934 PHILCOS, for both standard and short-wave reception, in table models and consoles; also D.C. and Battery-Operated sets—**AT ALL PRICES!**



EASIEST TERMS

Extra-Liberal
Trade-In Allowances

HEAR

Booke Carter, Philco's news commentator, Mondays to Fridays, 7:45 P.M., E.S.T., over Key Columbia Stations.

(Continued from Page 7)

Time	Megs.	Mtrs.	Station	Notes
EARLY EVENING	9.80	31.27	HBL	Geneva, Switz.
	9.60	31.25	XETE	Mexico City
	9.60	31.25	CTIAA	Lisbon, Portugal
	9.67	31.00	T14NRH	Heredia, C. R.
	10.00	30.00	EAQ	Madrid, Spain
	10.35	28.98	LSX	Buenos Aires, Arg.
	10.61	28.28	W2XB	Rocky Point, N. Y.
	10.85	27.65	DFL	Germany
	11.18	26.83	CT3AQ	Funchal, Madeira
	11.54	26.00	XAM	Meridia, Yucatan
	11.70	25.63		Pontoise, Franco
	11.72	25.60	VE9JR	Winnipeg, Man.
	11.73	25.57	PHI	Hulzen, Holland
	11.75	25.53	GSD	Daventry, England
	11.76	25.52	DJD	Zeesen, Germany
DAYTIME BEST	11.76	25.50	XDA	Mexico City
	11.79	25.45	W1XAL	Boston, Mass.
	11.81	25.40	I2RO	Rome, Italy
	11.83	25.36	W2XE	Wayne, N. J.
	11.86	25.28	GSE	Daventry, England
	11.87	25.27	W8XK	Pittsburgh, Pa
	11.90	25.20		Pontoise, Franco
	11.95	25.11	RNE	Moscow, USSR
	12.03	23.30	CNR	Rabat, Morocco
	13.19	22.75	KFZ	Byrd Expedition
	13.20	22.70		Ships at Sea
	14.40	20.83		Amateurs
	15.12	19.84	HVJ	Vatican City
	16.16	19.01	GSF	Daventry, England
	15.20	19.73	DJB	Zeesen, Germany
15.21	19.72	W8XK	Pittsburgh, Pa	
15.24	19.60		Pontoise, Franco	
15.27	19.64	W2XE	Wayne, N. J.	
15.33	19.57	W2XAD	Schenectady, N. Y.	
17.02	17.62	KFZ	Byrd Expedition	
17.78	16.87	W3XAL	Boundbrook, N. J.	
17.79	16.86	GSG	Daventry, England	
21.62	13.94	GSH	Daventry, England	
21.68	13.92	W8XK	Pittsburgh, Pa.	
4:30-5:15 PM Sat.			Evenings, Irregular	
3:40-6 PM Tues. & Fri.			6-7 PM	
4:30-7 PM daily, N-2 PM Sat.			Irreg. tests with Byrd	
			Tests with Europe & S.A.	
			Tests with U. S.	
4-5:30 PM Tu. & Th.			Irreg. tests with XDA	
2-6 PM; later Irregular			5-9:30 PM daily	
7-9 AM Daily; 10 S. & S.			12:15-2 PM	
Noon to 3:30 PM			Irregular	
Irregular (WEEI)			10-11 AM; 1:15-5 PM	
2-4 PM (WABC)			6-7:15; 8-10 AM	
3:30-9 PM (KDKA)			10:15 AM-1:15 PM; 2-5 PM	
7:30-9:00 AM Mon.			6:30-8 AM Sundays	
Irregular			4-4:15 AM	
1:30-3:30 AM			7:00-10:00 AM	
9 AM-3:30 PM (KDKA)			7-10 AM	
10 AM-12 Noon (WABC)			3-4 PM (WGY)	
Irregular			9 AM-3 PM (NBC)	
6-7:15 AM			Irregular	
6 AM-1 PM (KDKA)				

If you have tone control, set it at "deep" for short wave tuning. It takes harshness from interfering noises.

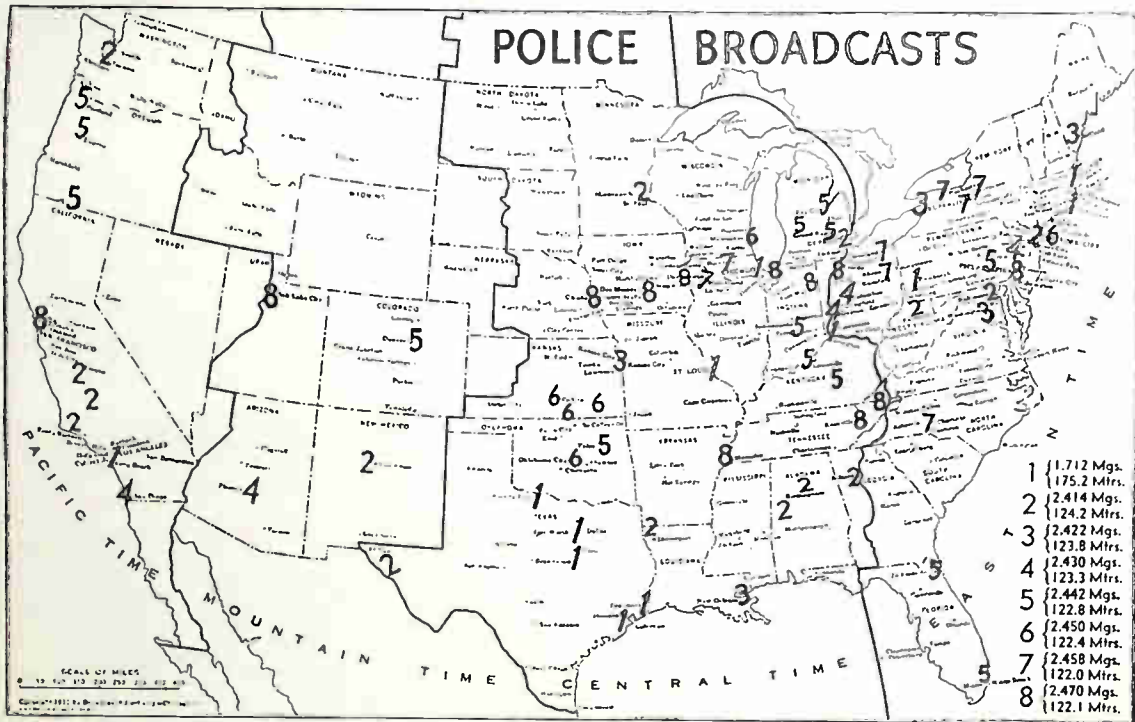
To avoid passing stations, turn volume knob up until you hear "s-h-h-h" which indicates tube oscillation.

Again, tune S-I-o-w-l-y and CAREFULLY. Faint signals given develop to good strength if tuned with care. A fading signal may be good at its peak.

A Megacycle is 1000 Kilocycles.

Here is a tip for short wave listeners! A group has met in Chicago, fortnightly for several years, exchanging experiences in tuning, supplemented by letters from stations all over the world. Detailed reports, mimeographed for members in the past, are now being printed, in the interest of short wave generally. If you wish to benefit from their wholesale experiences, send 25c to Chicago Short Wave Club, Box 210, Chicago, and TWO successive fortnightly reports will be mailed to you.

From advance programs of the three major networks, we compile RADIO MENU. It lists the three programs to be heard during each of the sixteen 15-minute periods each evening of the week in a new and compact form. Most repeat from week-to-week so they are reasonably accurate for a month or more. A number appears after each listing, directing you to one of six small maps, which show the area served by that program. Listeners outside those areas will be guided to desired programs by the symbols *, †, ‡ and § designating the network stations on the first four pages of this log. Those within the area are guided in the same manner to a local or nearby station. It is readily adapted to any time zone. Radio Menu serves to remind listeners of their favorite programs which might otherwise be forgotten and acquaint them of many splendid features that are not listed in their local papers.



OF COURSE, IT HAS HAPPENED TO YOU

Someone has left his phone number at your home or office. Is it something important, or a matter you wish to avoid? The operator will give you no clue and there is no directory to give his identity.

More frequently in radio, you hear a station accidentally, wonder what it is, but don't want to wait 15 minutes, or 30, to find out. Even if you did wait A, J and K sound similar, as do F, S and X to say nothing of B, C, D, E, G, P, T, V and Z. All of this difficulty is over, with the chart at the front of this book before you.

You simply adjust YOUR dial to IT by entering YOUR dial numbers in the center column, and, after you have a few recorded, you'll be surprised how you can turn from one end of your dial to another and know instantly nearly every station you hear, many of them for the first time.

For a dollar bill sent to Haynes' Radio Log, 161 West Harrison Street, Chicago, you'll receive, during the year, twelve Radio Monus, at least four revisions of this Log and other features. Since 1925, the BEST, and now, almost the ONLY radio log.

ALPHABETICAL INDEX OF RADIO STATIONS

KABC San Antonio, Tex 1420 H KALE Portland, Ore 1300 M KARK Little Rock, Ark 850 M KASA Elk City, Okl 1210 H KBPS Portland, Ore 1420 H KBTM Jonesboro, Ark 1200 H KCMC Texarkana, Ark 1420 H KCRC Enid, Okla 1370 K KCRJ Jerome, Cal 1310 H KDB Santa Barb., Cal 1500 H KDFN Casper, Wyo 1440 M KDKA Pittsburgh, Pa 980 W KDLR Devils Lake, N.D. 1210 H KDYL Salt Lake City, U. 1290 O KECA Los Angeles, Cal 1430 O KELW Burbank, Cal 1350 H KERN Bakersfield, Cal 1200 H KEX Portland, Ore 1180 S KFAC Lincoln, Neb 770 V KFCF Los Angeles, Cal 1300 O KFBG Great Falls, Mont 1280 O KFBI Abilene, Kas 2050 S KFBK Sacramento, Cal 1310 H KFBL Everett, Was 1370 F KFDM Beaumont, Tex 560 M KFDY Brookings, S.D. 550 O KFEL Denver, Col 920 M KFEQ St. Joseph, Mo 680 R KFGQ Boone, Iowa 1310 H KFGH Wichita, Kan 1300 O	KFWB Los Angeles, Cal 950 O KFXD Nampa, Idaho 1200 H KFXF Denver, Col 1420 M KFXJ Grand Junc., Col 1200 H KFXM San Bernardino, 1210 H KFXR Okla. City, Okl 1310 H KFYO Lubbock, Tex 1330 H KFYR Bismarck, N.D. 550 O KGA Spokane, Was 1470 S KGAR Tucson, Ariz 1370 H KGCB San Diego, Cal 1330 O KGBU Ketchikan, Alaska 900 M KGBX Springfield, Mo 1310 H KGBZ York, Neb 930 M KGCA Decorah, Iowa 1270 H KGCB Watertown, N.D. 1210 H KGCU Mandan, N.D. 1210 K KGCX Wolf Point, Mont 1310 K KGDE Fergus Falls, Minn. 1200 H KGDM Stockton, Cal 1100 K KGDY Huron, SD 1340 K KGGC Yuma, Cal 1200 H KGGI Long Beach, Cal 1360 O KGGE Kalispell, Mont 1310 H KGFF Aiyala, Okl 1420 H KGFG Okla. City, Okl 1370 H KGFI Cor. Christi, Tex 1500 K KGFL Los Angeles, Cal 1200 H KGFJ Moorhead, Minn 1500 H KGFK Roswell, N.M. 1370 H	KHQ Spokane, Was 590 Q KICA Clovis, N.M. 1370 H KICK Carter Lake, Ia 1420 H KID Idaho Falls, Ida 1320 M KIDO Boise, Ida 1350 O KIDW Lamar, Okl 1420 H KIEM Eureka, Cal 1210 H KIEV Glendale, Cal 850 H KIFH Juneau, Alaska 1310 H KIK Yakima, Was 1310 H KJBS San Francisco, Cal 1070 H KJR Seattle, Was 970 S KLCN Blytheville, Ark 1290 H KLO Ogden, Utah 1400 M KLPM Minot, N.D. 1240 K KLRA Little Rock, Ark 1390 O KLRB Oakland, Cal 1440 H KLUF Galveston, Tex 1370 H KLX Oakland, Cal 880 O KLZ Denver, Col 560 O KMA Shenandoah, Ia 930 M KMAC San Antonio, Tex 1370 H KMB Kansas City, Mo 950 O KMED Medford, Ore 1310 H KMJ Fresno, Cal 580 M KMLB Monroe, La 1200 H KMMJ Clay Center, Neb 740 O KMO Tacoma, Was 1330 K KMOX St. Louis, Mo 1090 W KMPC Beverly Hills, Cal 710 M	KREG Santa Ana, Cal 1500 H KRGV Burlington, Tex 1260 M KRWD Los Angeles, Cal 1120 M KTAB Dallas, Tex 1040 T KRMD Shreveport, La 1310 H KROW Oakland, Cal 930 O KRSC Seattle, Was 1120 H KSCAC Manhattan, Kan 580 M KSCJ Sioux City, Ia 1330 R KSD St. Louis, Mo 550 M KSET Forestville, Ida 930 M KSL Salt Lake City, U. 1130 W KSO Des Moines, Ia 1370 K KSOO Sioux Falls, S.D. 1110 R KSTP St. Paul, Minn 1460 V KSNUN Lowell, Ariz 1200 H KTAB San Francisco, Cal 650 O KTAR Phoenix, Ariz 1120 O KTAT Ft. Worth, Tex 1240 O KTBS Shreveport, La 1450 O KTFI Twin Falls, Ida 1240 M KTHS Hot Springs, Ark 1040 T KTM Los Angeles, Cal 780 O KTRH Houston, Tex 1120 O KTSA San Antonio, Tex 1290 O KTSM El Paso, Tex 1310 H KTUL Tulsa, Okla 1400 K KTW Seattle, Was 1220 O KUJ Walla Walla, Wash 1370 H KUMA Yuma, Ariz 1420 H
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KFI Los Angeles, Cal 648 W KFIO Spokane, Was 1120 H KFJZ Fond du Lac, Wis 1420 H KFJB Marshalltown, Ia 1200 H KFJJ Klamath Falls, Ore 1210 H KFJM Gd. Forks, ND 1370 H KFJR Portland, Ore 1300 M KFJZ Ft. Worth, Tex 1370 H KFKA Fort Collins, Col 880 M KFKU Lawrence, Kan 1220 O KFLV Rockford, Ill 1410 M KFNF Shonandaoh, Ia 890 M KFOR Lincoln, Neb 1210 K KFOX Long Beach, Cal 1250 O KFPL Dubuque, Ia 1310 H KFPM Greenville, Tex 1310 C KFPW Ft. Smith, Ark 1210 H KFPY Spokane, Was 1340 O KFQD Anchorage, Alaska 600 K KFRG San Francisco, Cal 610 O KFRU Columbia, Mo 630 M KFSD San Diego, Cal 600 O KFSG Los Angeles, Cal 1120 M KFUD St. Louis, Mo 550 M KFVD Los Angeles, Cal 1000 K KFVS C. Girardeau, Mo 1210 H	KGFV Havana, Neb 1310 H KGFY Pierre, S.D. 630 J KGGC San Francisco, Cal 1420 H KGGF Coffeyville, Kan 1010 M KGGM Albuquerque, N.M. 1230 M KGHF Pueblo, Col 1320 K KGHI Little Rock, Ark 1200 K KGHL Billings, Mont 950 O KGIN Butte, Mont 1260 M KGIW Alamogosa, Col 120 H KGIZ Las Vegas, Nev 1420 H KGKZ Grant City, Mo 560 M KGKB Tyler, Tex 1500 H KGKL San Angelo, Tex 1370 H KGLO Wichita Falls, Tex 570 K KGKY Scotts Bluff, Neb 1500 H KGMB Honolulu, T. H 1320 K KGNF No. Platte, Neb 1430 M KGND Dodge City, Kas 1340 K KGO San Francisco, Cal 790 T KGRS Amarillo, Tex 1410 O KGU Honolulu, Hawaii 750 R KGVO Missoula, Mont 1200 H KGW Portland, Ore 620 O KGY Olympia, Was 1210 H KHJ Los Angeles, Cal 900 O	KMTR Los Angeles, Cal 570 M KNOW Austin, Tex 1500 H KNX Los Angeles, Cal 1050 V KOA Denver, Col 830 W KOAC Corvallis, Ore 550 O KOB Albuquerque, N.M. 1180 T KOH Reno, Nev 1380 M KOIL Council Bluffs, Ia 1260 O KOIN Portland, Ore 940 O KOJ Seattle, Was 1210 O KOKA Okla. City, Okla 1480 S KOMO Seattle, Was 920 O KONO San Antonio, Tex 1370 H KOOS Marshfield, Ore 1370 H KORE Eugene, Ore 1420 H KOY Phoenix, Ariz 1390 M KPCB Seattle, Was 650 H KPJM Prescott, Ariz 1500 H KPO San Francisco, Cal 680 W KPOF Denver, Col 880 M KPPC Pasadena, Cal 1210 F KPR Wenatchee, Was 1500 H KPRC Houston, Tex 920 O KQV Pittsburgh, Pa 1380 M KRW San Jose, Cal 1010 M KRE Berkeley, Cal 1370 H	KUOA Fayetteville, Ark 1260 O KUSD Vermillion, S.D. 890 M KVI Tacoma, Was 570 M KVJ Seattle, Was 1370 H KVOA Tucson, Ariz 1260 M KVOO Tulsa, Okla 1140 V KVOL Colo. Spgs., Col 1270 O KVOS Bellingham, Was 1200 H KWBC Cedar Rapids, Ia 1420 H KWCI Shreveport, La 1210 H KWEV Hilo, HI 210 H KWFG Stockton, Cal 1120 H KWJ Portland, Ore 1060 M KWK St. Louis, Mo 1350 O KWKC Kansas City, Mo 1370 H KWMM Shreveport, La 850 T KWV Decorah, Ia 1270 H KWSC Pullman, Was 1220 O KWVG Brownsville, Tex 1260 M KXA Seattle, Was 760 M KXL Portland, Ore 1420 H KXO El Centro, Cal 1150 H KXRO Aberdeen, Was 1310 H KXYZ Houston, Tex 1440 K KYA San Francisco, Cal 1230 O KYW Chicago, Ill 1020 T
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CANADIAN

CFAC Calgary, Alta 930 M CFBO St. John, N.B. 1210 H CFBF Montreal, Que 600 M CFCH North Bay, Ont 930 H CFCN Calgary, Alta 1030 T CFCO Chatham, Ont 680 T CFCY Charlottetown, PEI 630 M CFJC Kamloops, B.C. 1310 H CFLE Prescott, Ont 930 H CFMB Fredricton, N.B. 1030 M CFPL London, Ont 730 H CFQC Saskatoon, Sask 1230 M CFRB Toronto, Ont 690 T CFRC Kingston, Ont 1510 H CHCK Charlottetown, PEI 1310 H CHGS Summerside, PEI 1170 H CHLP Montreal, Que 1320 H CHMA Edmonton, Alta 580 K CHNS Halifax, N.S. 1050 M CHRC Quebec, Que 645 H CHWG Regina, Sask 1210 M	CHWK Chilliwack, B.C. 780 H CJCA Edmonton, Alta 730 O CJCL Calgary, Alta 690 M CJGC Yorkton, Sask 630 M CJXC Lethbridge, Alta 840 H CJBR Vancouver, B.C. 600 M CJRM Moose Jaw, Sask 540 M CJRW Fleming, Sask 1390 M CKAC Montreal, Que 730 O CKCD Vancouver, B.C. 1010 H CKCL Vancouver, B.C. 600 M CKEL Toronto, Ont 580 H CKCO Ottawa, Ont 1030 H CKCR Waterloo, Ont 1510 H CKLW Windsor, Ont 840 S CKMC Cobalt, Ont 1210 H CKMO Vancouver, B.C. 1410 H CKNC Toronto, Ont 1030 H CKOC Hamilton, Ont 1120 M CKOV Kelowna, B.C. 1210 H CKPC Preston, Ont 930 H
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CUBAN

CKPR Ft. William, Ont 780 H CKTB St. Catherine, Ont 1200 H CKUA Edmonton, Alta 580 M CKWX Vancouver, B.C. 1010 H CKX Brandon, Man 1450 M CKY Winnipeg, Man 910 S CRCA Montreal, Que 930 S CRCM Montreal, Que 910 S CRCO Ottawa, Ont 880 O CRCS Cheloutain, Que 1500 H CRCT Toronto, Ont 960 S CRCV Vancouver, B.C. 1100 O CMAF Havana, Cuba 680 O CMC Havana, Cuba 840 M CMCQ Havana, Cuba 780 M CMCY Havana, Cuba 1335 O CMCK Camaguey, Cuba 780 M CMK Havana, Cuba 730 S CMQ Havana, Cuba 630 M CMX Havana, Cuba 890 M CMW Havana, Cuba 680 P	HHK Port-au-Prince, Haiti 920 O XEAF Tijuana, Mex 980 Q XEAN Juarez, Mex 965 T XEAW Juarez, Mex 750 S XEB Mexico City, Mex 1030 T XEFD Tijuana, Mex 855 R XEFO Mexico City, Mex 940 S XEJ Juarez, Mex 1015 M XEM Matamoros, Mex 650 W XEN Mexico City, Mex 711 O XENT New Laredo, Mex 1115 W XEP Mexico City, Mex 780 O XEPN Pedras Negras, Mex 585 W XEJ Villa Acuna, Mex 735 W XET Monterrey, Mex 690 M XETM Matamoros, Mex 845 W XETR Mexico City, Mex 610 O XEW Mexico City, Mex 910 S XFG Mexico City, Mex 638 O XFI Mexico City, Mex 818 O
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50 75 100 150 200 250 300 500 750 1000	POWER CODE	1500 2000 2500 5000 10000 15000 25000 50000
F G H I J K L M N O	P Q R S T U V W	

WAAB Boston, Mass 1410 M	WEEF Greenville, N.C. 1420 H	WJBC Lasalle, Ill 1200 H	WWOOD Gd Rcps, Mich 1270 M
WAAP Chicago, Ill 920 M	WEEL Boston, Mass 590 O	WJBI Red Bank, N.J. 1210 H	WOPI Bristol, Tenn 1500 H
WAAT Newark, N.J. 1250 F	WEUC Reading, Pa 830 O	WJBK HighlandPk, Mich 1370 H	WOQ Kansas City, Mo 1300 O
WAAT Jersey City, N.J. 840 M	WEUC Charlotteville Va 1350 M	WJBL Decatur, Ill 1200 H	WOR Newark, N.J. 740 W
WAAW Omaha, Neb 660 W	WEHS Chicago, Ill 1420 H	WJBO New Orleans, La 1420 H	WORC Worcester, Mass 1280 M
WABC New York, N.Y. 860 W	WELL Battle Ck., Mich 1420 F	WJBW New Orleans, La 1200 H	WORK York, Pa 1400 O
WABI Bangor, Me 1200 H	WENC Albany, Ga 1420 H	WJBY Gadsden, Ala 1210 H	WOS Jefferson City, Mo 630 M
WACO Waco, Tex 1420 H	WENR Chicago, Ill 870 W	WJDX Jackson, Miss 1270 O	WOSU Columbus, Ohio 570 O
WAD C Akron, Ohio 1320 O	WESG Elmira, N.Y. 1040 O	WJEG Hagerstown, Md 1210 H	WOW New York, N.Y. 1130 O
WAGM Presque Isle, Me 1420 H	WVND New York, N.Y. 1300 M	WJEM Tupelo, Miss 990 M	WOW Omaha, Neb 590 O
WAIU Columbus, Ohio 640 M	WVFL St. Louis, Mo 760 O	WJMS Ironwood, Mich 1420 H	WPAD Paducah, Ky 1420 H
WALR Zanesville, Ohio 1240 H	WEXL Royal Oak, Mich 1310 F	WJRI Detroit, Mich 750 T	WPAP New York, N.Y. 1010 K
WAMC Andison, Ala 1220 H	WFAA Dallas, Tex 800 W	WJSV Washington, D.C. 1460 T	WPEN Philadelphia, Pa 920 K
WAML Laurel, Miss 1310 H	WFAM South Bend, Ind 1200 H	WJTL Atlanta, Ga 1370 H	WPFH Hattiesburg, Miss 1370 H
WAPI Birmingham, Ala 1140 V	WFAS White Plains N.Y. 1210 H	WJW Akron, Ohio 1210 H	WPG Atlantic City, N.J. 1100 S
WARD Brooklyn, N.Y. 1460 M	WFBC Greenville, S.C. 1200 H	WJXD Chicago, Ill 11130 U	WPHR Petersburg, Va 1200 K
WASH Grand Rapids, Mich 1270 M	WFBE Cincinnati, O 1200 H	WKAK San Juan, P.R. 1240 O	WPRO Providence, R.I. 1210 H
WAVE Louisville, Ky 940 O	WFBG Altoona, Pa 1310 H	WKAR E. Lansing, Mich 1040 O	WPTF Raleigh, N.C. 660 S
WAWZ New York, N.Y. 1350 K	WFBM Syracuse, N.Y. 1360 O	WKBB E. Dubuque, Ill 1500 H	WQAM Miami, Fla 560 O
WAZL Hazleton, Pa 1420 H	WFBF Indianapolis, Ind 1230 O	WKBC Birmingham, Ala 1310 H	WQAN Spartanburg, Pa 880 K
WBAF Albany, Ind 1400 M	WFBR Baltimore, Md 1270 M	WKBF Indianapolis, Ind 1400 M	WQAO New York, N.Y. 1010 K
WBAK Harrisburg, Pa 450 O	WFOP Pitt., Mich 1310 H	WKBS La Crosse, Wis 1380 O	WQC Wicksburg, Mo 1360 M
WBAL Baltimore (700), 1060 T	WFDV Rome, Ga 1509 H	WKBI Chicago, Ill 1200 H	WQOO St. Louis, Mo 1210 H
WBAP Fort Worth, Tex 800 W	WFEA Manchester, N.H. 1430 M	WKBN Youngstown, O 570 M	WQQX Thomasville, Ga 1210 H
WBAX Wilkes-Barre, Pa 1210 H	WFI Philadelphia, Pa 560 M	WKBO Harrisburg, Pa 1200 H	WRAC Williamsport, Pa 1370 H
WBBC Brooklyn, N.Y. 1400 M	WFLA Clearwater, Fla 620 O	WKBW Buffalo, N.Y. 1480 S	WRAM Wilmington, N.C. 1370 H
WBDB Highland, N.Y. 1210 H	WGAR Lancaster, Pa 1310 H	WKBY Richmond, Ind 1500 H	WRAY Reading, Pa 1310 H
WBDM Chicago, Ill 770 V	WGCB Cleveland, O 1450 M	WKCB Ludington, Mich 1500 H	WRAX Philadelphia, Pa 920 K
WBDR Brooklyn, N.Y. 1300 O	WGBD Freeport, N.Y. 1210 H	WKCU La Grange, Ga 1500 H	WRBL Columbus, Ga 1200 H
WBXX New Orleans, La 1200 H	WGBF Evansville, Ind 630 M	WKFI Greenwood, Miss 1210 H	WRBZ Roanoke, Va 1410 K
WBZM Ponca City, Okla 1200 H	WGBI Spartanburg, Pa 880 K	WKFK Lancaster, Pa 1200 H	WRD Washington, D.C. 950 M
WBCC Bay City, Mich 1410 M	WCCM Gulfport, Miss 1210 O	WKKC Sunbury, Pa 1210 H	WRDO Augusta, Me 1370 H
WBEO Buffalo, N.Y. 900 O	WCCP Newark, N.J. 1250 K	WKRC Cincinnati, Ohio 550 O	WRDW Augusta, Ga 1500 H
WBEO Marquette, Mich 1310 H	WGES Buffalo, Ill 1360 M	WKRO Ocala, Fla 1210 H	WRFC Memphis, Tenn 600 M
WBHS Huntsville, Ala 1200 H	WGHN Newport News, Va 1310 H	WKZO Kalamazoo, Mich 1370 H	WRFD Lawrence, Pa 1220 O
WBIG Greensboro, NC 1440 M	WGL Ft. Wayne, Ind 1370 H	WLAC Nashville, Tenn 1470 S	WRHM Minneapolis, Minn 1250 O
WBKN New York, N.Y. 1350 K	WGLC Hudson Fls. N.Y. 1370 H	WLAP Louisville, Ky 1200 K	WRJN Racine, Wis 1370 H
WBOD New York, N.Y. 860 S	WGN Chicago, Ill 720 W	WLBD Minneapolis, Minn 1250 O	WRNY New York, N.Y. 1010 K
WBOW Ferre Hunte, Ind 1310 H	WGNV Chester Twp. N.Y. 1210 H	WLBC Muncie, Ind 1310 H	WROL Knoxville, Tenn 1310 H
WBRC Birmingham, Ala 830 C	WGNY Buffalo, N.Y. 550 O	WLBH Kinn. City, Kan 1420 H	WRRI Dabbs, Tex 1290 M
WBRE Wilkes-Barre, Pa 1340 H	WGSA Chicago, Ill 800 M	WLBG Stephens Pt., Wis 300 F	WRPF Richmond, Va 1130 S
WBSO Needham, Mass 920 M	WGY Schenectady, N.Y. 790 W	WLBW Erie, Pa 1260 O	WSAI Cincinnati, O 1330 O
WBT Charlotte, N.C. 1080 W	WHA Madison, Wis 940 O	WLDZ Bangor, Me 620 M	WSAJ Grove City, Pa 1310 H
WBTM Danville, Va 1370 H	WHAA Milwaukee, Wis 1210 K	WLKY Lexington, Mass 1370 H	WSAN Allentown, Pa 1420 K
WBZ Springfield, Mass 990 W	WHAM Rochester, N.Y. 1150 W	WLIT Philadelphia, Pa 560 M	WSAR Fall River, Mass 1450 K
WBZA Boston, Mass 990 O	WHBS Louisville, Ky 820 S	WLS Chicago, Ill 870 W	WSAZ Huntington, W. Va 1190 O
WCAC New York, N.Y. 690 O	WHAT Philadelphia, Pa 1310 H	WLH Brooklyn, N.Y. 1400 M	WSB Atlanta, Ga 740 W
WCAD Canton, N.Y. 1220 M	WHAZ Troy, N.Y. 1300 M	WLEU Erie, Pa 1300 H	WSB Chicago, Ill 1210 H
WCAE Pittsburgh, Pa 1220 O	WHB Kansas City, Mo 860 M	WLVA Lynchburg, Va 1370 H	WSBT South Bend, Ind 1230 F
WCAH Columbus, Ohio 1430 M	WHBC Canton, Ohio 1200 H	WLW Cincinnati, O 700 W	WSEN Columbus, O 1210 H
WCAL Northfield, Minn 1250 O	WHBD Bellefontaine, O 1370 H	WLWL New York, N.Y. 1100 S	WSFA Montgomery, Ala 1410 M
WCAN Camden, N.J. 1280 M	WHBF Rock Island, Ill 1210 H	WMAQ Chicago, Ill 670 S	WSYX Springfield, Tenn 1210 H
WCAP Asbury Park, N.J. 1280 M	WHBL Sheboygan, Wis 1430 M		
WCAT Rapid City, S.D. 1200 H	WHBO Memphis, Tenn 1370 H	WMAZ Springfield, Mass 1420 H	WSJ5 Winston-Salem, NC 1310 H
WCAU Philadelphia, Pa 1170 W	WHBU Anderson, Ind 1210 H	WMAS Peoria, Ill 1420 M	WSM Nashville, Tenn 650 W
WCAX Burlington, Vt 1200 H	WHBY Green Bay, Wis 1200 H	WMBC Detroit, Mich 1420 M	WSML New Orleans, La 1280 M
WCAY Charlotte, N.C. 1070 F	WHDF Calumet, Mich 1370 K	WMDO Peoria, Ill 1440 M	WSMK Dayton, Ohio 1380 J
WCBA Allentown, Pa 1310 H	WHDS Boston, Mass 830 O	WMBG Richmond, Va 1210 H	WSOC Charlotte, N.C. 1210 H
WCBD Zion, Ill 1060 S	WHDL Upper Lake, N.H. 740 K	WMBH Joplin, Mo 1420 K	WSPA Spartanburg, S.C. 1420 H
WCBM Baltimore, Md 1370 K	WHEB Portsmouth, N.H. 740 K	WMCI Chicago, Ill 1080 S	WSPD Toledo, O 1340 O
WCBS Springfield, Ill 1210 H	WHEC Rochester, N.Y. 1430 M	WMBO Auburn, N.Y. 1340 H	WSU Iowa City, Ia 880 M
WCDO Minneapolis, Minn 810 W	WHEF Koselusko, Miss 1500 K	WMBQ Brooklyn, N.Y. 1340 H	WSUN New Bedford, Mass 1320 O
WCFL Chicago, Ill 11970 P	WHET Durham, Ala 1370 H	WMBR Jacksonville, Fla 1370 H	WSVS Buffalo, Pa 1370 S
WCHE Chicago, Ill 1490 S	WHFC Chicago, Ill 1420 H	WMC Memphis, Tenn 780 O	WSYD Rutland, Vt 1500 K
WCLO Jancenville, Wis 1200 S	WHH Bluefield, W. Va 1410 H	WMCN New York, N.Y. 570 O	WSYR Syracuse, N.Y. 570 K
WCLS Joliet, Ill 1310 H	WHK Cleveland, Ohio 1200 O	WMCN Fairmont, W. Va 690 K	WSYU Syracuse, N.Y. 570 K
WCNW Brooklyn, N.Y. 1500 H	WHN New York, N.Y. 1010 K	WMDC Waterloo, Mass 1500 H	WTAO Quincy, Ill 1440 M
WCDA Pensacola, Fla 1340 M	WHO Des Moines, Ia 1000 W	WMB Boston, Mass 1230 O	WTAG Cleveland, Mass 500 M
WCDC Meridian, Miss 880 O	WHOM Jersey City, N.J. 1450 K	WMNO Norman, Okla 1010 M	WTAN Norfolk, Va 1330 O
WCER Chicago, Ill 1210 H	WHPP Harrisburg, Pa 1430 O	WMAX Yankton, S.D. 570 O	WTAR Norfolk, Va 780 M
WCSC Charleston, S.C. 1360 M	WHQA Ottumwa, Ia 1340 H	WMBF Binghamton, N.Y. 1500 H	WTAW College Sta., Tex 1120 M
WCSE Portland, Me 940 R	WHIA Madison, Wis 1280 R	WMBO New Bedford, Mass 1310 K	WTAX Springfield, Ill 1210 H
WDAE Tampa, Fla 1220 O	WHIB Glenside, Pa 970 H	WMBH New York, Pa 1200 H	WTBO Cumberland, Md 1420 K
WDAF Kansas City, Mo 610 O	WHIC Jackson, Miss 1370 H	WMBO Silver Haven, Pa 1200 H	WTEL Philadelphia, Pa 1310 H
WDAH Amarillo, Tex 1410 O	WHID Poynette, Wis 1210 H	WMBR Memphis, Tenn 1430 M	WTFI Athens, Ga 1450 M
WDAI El Paso, Tex 1310 H	WHIBW Topeka, Kan 580 O	WMBX Springfield, Vt 1260 K	WTRC Hartford, Conn 1060 W
WDAY Fargo, N.D. 940 O	WHICB Bridgeport, Conn 600 M	WNBZ Saratoga Lake, N.Y. 1290 H	WTRJ Jackson, Tenn 1310 H
WDBJ Roanoke, Va 930 M	WHIL Uica, N.Y. 1200 H	WNL San Juan, P.R. 1290 M	WTNJ Milwaukee, Wis 620 O
WDBO Orlando, Fla 580 M	WHIM St. Louis, Mo 1200 H	WNEL Knoxville, Tenn 560 O	WTKW Savannah, Ga 1280 M
WDEL Wilmington, Del 1220 K	WHILL Urbana, Ill 11890 J	WNRA Muskegon, Ala 1420 H	WTLC Savannah, Ga 1260 M
WDEV Watertown, Vt. 550 M	WHILM Wilmington, Del 1420 H	WNYC New York, N.Y. 810 M	WTRC Elkhart, Ind 1310 H
WDGG Chattanooga, Tenn 1280 O	WHIND Gary, Ind 560 O	WOB New York, N.Y. 1180 M	WTFW Brooklyn, N.Y. 1400 M
WDRR Hartford, Conn 1330 O	WHINS Miami Beach, Fla 1300 O	WOC Davenport, Ia 1000 W	WVAE Hammond, Ind 1200 H
WDSU New Orleans, La 1250 O	WHIP Philadelphia, Pa 610 M	WOD Jamestown, N.Y. 1210 F	WWL New Orleans, La 140 T
WDE Tuscola, Ill 11070 M	WHIS Columbia, S.C. 1010 M	WODA Paterson, N.J. 1250 O	WVNC Asheville, N.C. 570 O
WEAF New York, N.Y. 600 W	WHISN Milwaukee, Wis 1120 K	WODX Mobile, Ala 1410 M	WVRL Woodside, N.Y. 1500 H
WEAN Providence, R.I. 1780 M	WHJ Johnston, Neb 1050 O	WOI Ames, Ia 640 S	WVW Pittsburgh, Pa 1500 K
WEBC Duluth, Minn 1290 O	WHJAG Norfolk, Neb 1050 O	WOKO Albany, N.Y. 1430 H	WWA Wheeling, W. Va 1160 S
WEBO Harrisburg, Pa 1210 H	WHJAS Providence, R.I. 830 M	WOML Washington, D.C. 1310 H	WXYZ Detroit, Mich 1240 O
WEBR Buffalo, N.Y. 1310 K	WHJAS Pittsburgh, Pa 1290 O		
WEDC Chicago, Ill 1210 H	WHJAX Jacksonville, Fla 900 O		
	WHJAY Cleveland, Ohio 610 M		

													POWER																				
													1500	2000	2500	5000	10000	15000	25000	50000													
F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W																

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